

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130272.D
 Acq On : 15 Sep 2022 15:38
 Operator : CG\JU
 Sample : N4613-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(18-23)MSD

Quant Time: Sep 16 03:28:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	96296	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	389667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.710	164	207882	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	343193	20.000	ng	0.00
76) Chrysene-d12	13.816	240	170337	20.000	ng	0.00
86) Perylene-d12	15.210	264	163081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	757079	136.364	ng	0.01
7) Phenol-d6	6.316	99	964259	138.808	ng	0.00
23) Nitrobenzene-d5	7.245	82	621874	81.533	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	300037	150.628	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1139590	79.827	ng	0.00
79) Terphenyl-d14	12.775	244	971369	94.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	104102	40.828	ng	97
3) Pyridine	3.069	79	261361	39.294	ng	98
4) n-Nitrosodimethylamine	3.028	42	160233	44.293	ng	99
6) Aniline	6.340	93	394240	46.060	ng	98
8) 2-Chlorophenol	6.457	128	317252	50.163	ng	97
9) Benzaldehyde	6.228	77	197351	42.412	ng	94
10) Phenol	6.328	94	400267	49.168	ng	95
11) bis(2-Chloroethyl)ether	6.422	93	287444	48.952	ng	96
12) 1,3-Dichlorobenzene	6.616	146	336349	48.334	ng	100
13) 1,4-Dichlorobenzene	6.693	146	342851	48.313	ng	99
14) 1,2-Dichlorobenzene	6.845	146	324142	48.896	ng	100
15) Benzyl Alcohol	6.828	79	250066	45.402	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.957	45	395664	46.199	ng	97
17) 2-Methylphenol	6.940	107	250037	48.635	ng	97
18) Hexachloroethane	7.187	117	133921	47.876	ng	98
19) n-Nitroso-di-n-propyla...	7.104	70	224181	47.825	ng	96
20) 3+4-Methylphenols	7.093	107	327546	49.044	ng	# 87
22) Acetophenone	7.093	105	458248	48.101	ng	99
24) Nitrobenzene	7.263	77	350549	45.263	ng	99
25) Isophorone	7.504	82	612598	49.832	ng	99
26) 2-Nitrophenol	7.581	139	167830	52.863	ng	93
27) 2,4-Dimethylphenol	7.622	122	283085	57.910	ng	99
28) bis(2-Chloroethoxy)met...	7.722	93	362533	52.372	ng	99
29) 2,4-Dichlorophenol	7.822	162	262499	49.002	ng	98
30) 1,2,4-Trichlorobenzene	7.904	180	265691	45.875	ng	95
31) Naphthalene	7.981	128	913830	45.520	ng	99
32) Benzoic acid	7.745	122	173324	45.849	ng	96
33) 4-Chloroaniline	8.034	127	227414	29.785	ng	99
34) Hexachlorobutadiene	8.098	225	169245	45.725	ng	97
35) Caprolactam	8.416	113	85318m	55.556	ng	
36) 4-Chloro-3-methylphenol	8.522	107	301208	50.728	ng	99
37) 2-Methylnaphthalene	8.675	142	604519	47.229	ng	99
38) 1-Methylnaphthalene	8.769	142	573048	46.604	ng	99
40) 1,2,4,5-Tetrachloroben...	8.839	216	273330	48.179	ng	99
41) Hexachlorocyclopentadiene	8.828	237	365315	120.273	ng	97
43) 2,4,6-Trichlorophenol	8.951	196	186388	47.075	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	202014	47.281	ng	94
46) 1,1'-Biphenyl	9.139	154	747224	48.129	ng	98
47) 2-Chloronaphthalene	9.163	162	577476	45.980	ng	98
48) 2-Nitroaniline	9.263	65	192048	45.847	ng	90
49) Acenaphthylene	9.575	152	862604	45.809	ng	100
50) Dimethylphthalate	9.445	163	671558	46.767	ng	100
51) 2,6-Dinitrotoluene	9.504	165	149271	49.705	ng	93
52) Acenaphthene	9.745	154	624500m	50.476	ng	
53) 3-Nitroaniline	9.669	138	113180	33.822	ng	97
54) 2,4-Dinitrophenol	9.775	184	141090	86.090	ng	98
55) Dibenzofuran	9.916	168	792433	46.048	ng	99
56) 4-Nitrophenol	9.839	139	235912	96.792	ng	# 88
57) 2,4-Dinitrotoluene	9.904	165	197944	51.574	ng	97
58) Fluorene	10.257	166	651539	46.294	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.034	232	149589	44.731	ng	99
60) Diethylphthalate	10.145	149	670903	46.591	ng	100
61) 4-Chlorophenyl-phenyle...	10.257	204	297501	48.187	ng	93
62) 4-Nitroaniline	10.286	138	147355	43.834	ng	97
63) Azobenzene	10.416	77	647022	43.636	ng	96
65) 4,6-Dinitro-2-methylph...	10.310	198	88488	46.318	ng	89
66) n-Nitrosodiphenylamine	10.375	169	544979	47.520	ng	98
67) 4-Bromophenyl-phenylether	10.739	248	186160	49.171	ng	96
68) Hexachlorobenzene	10.798	284	212514	49.518	ng	93
69) Atrazine	10.904	200	180005	53.709	ng	98
70) Pentachlorophenol	10.992	266	215570	93.593	ng	100
71) Phenanthrene	11.216	178	874423	45.381	ng	99
72) Anthracene	11.269	178	885805	47.639	ng	99
73) Carbazole	11.422	167	776826	46.292	ng	99
74) Di-n-butylphthalate	11.763	149	956178	47.251	ng	99
75) Fluoranthene	12.398	202	796613	42.785	ng	97
77) Benzidine	12.527	184	354374	71.667	ng	99
78) Pyrene	12.627	202	775615	52.051	ng	99
80) Butylbenzylphthalate	13.251	149	295055	53.449	ng	99
81) Benzo(a)anthracene	13.810	228	525699	46.392	ng	100
82) 3,3'-Dichlorobenzidine	13.780	252	158310	51.323	ng	# 98
83) Chrysene	13.845	228	493164	45.836	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	347992	55.035	ng	99
85) Di-n-octyl phthalate	14.421	149	484766	50.124	ng	99
87) Indeno(1,2,3-cd)pyrene	16.545	276	593851	51.350	ng	99
88) Benzo(b)fluoranthene	14.821	252	501936	47.156	ng	97
89) Benzo(k)fluoranthene	14.845	252	461812	44.105	ng	99
90) Benzo(a)pyrene	15.157	252	435137	51.601	ng	97
91) Dibenzo(a,h)anthracene	16.563	278	510235	53.781	ng	100
92) Benzo(g,h,i)perylene	16.951	276	513854	53.768	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

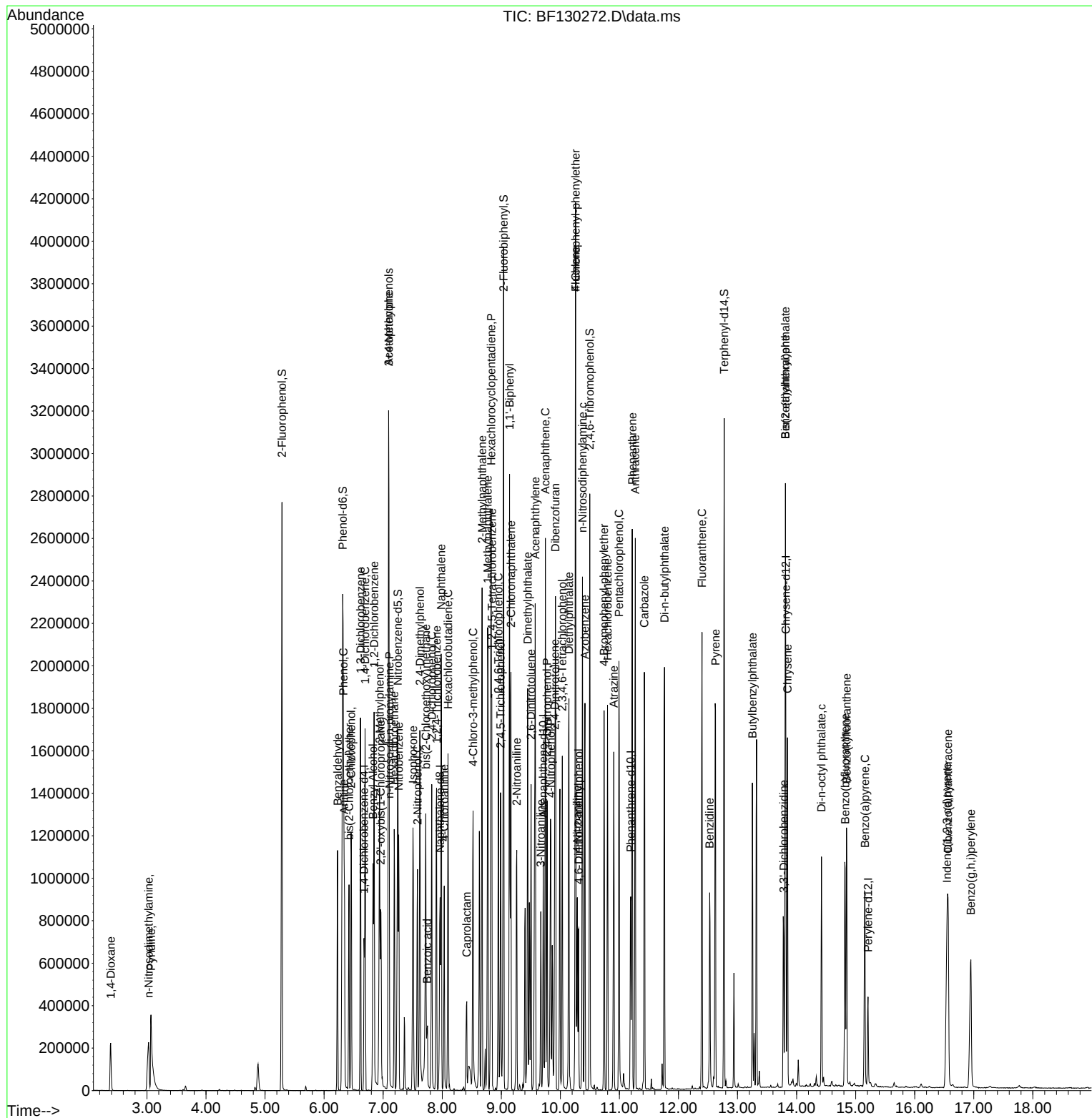
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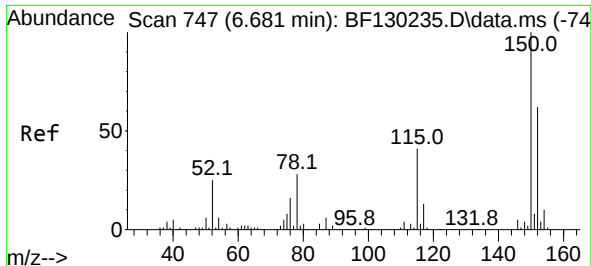
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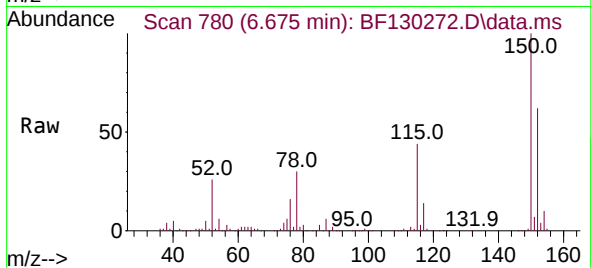
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130272.D
 Acq: 15 Sep 2022 15:38

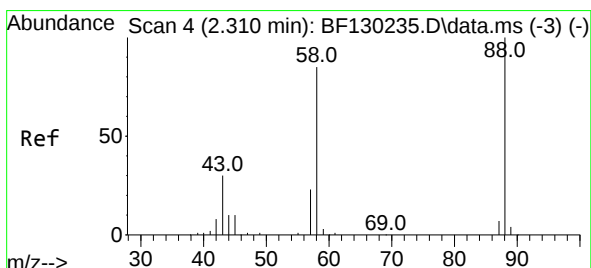
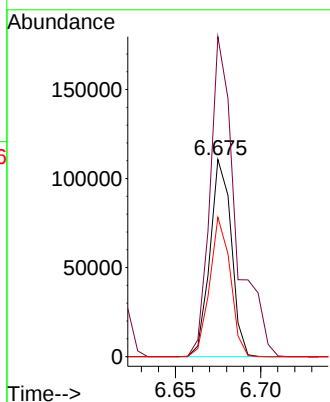
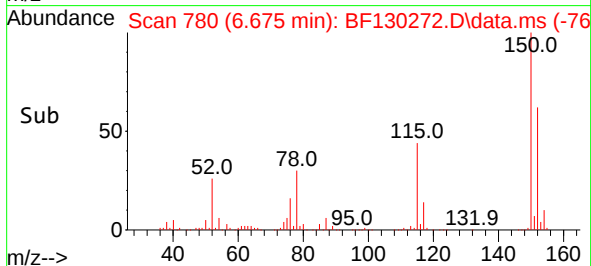
Instrument :
 BNA_F
 ClientSampleId :
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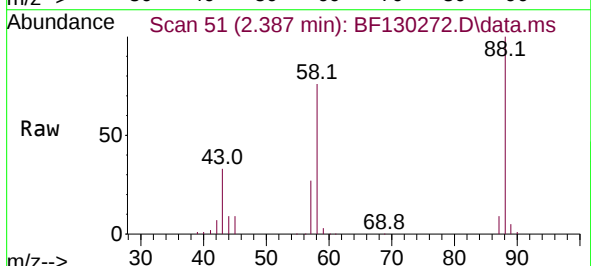
Tgt Ion:152 Resp: 96296
 Ion Ratio Lower Upper
 152 100
 150 162.3 122.8 184.2
 115 70.6 53.8 80.8

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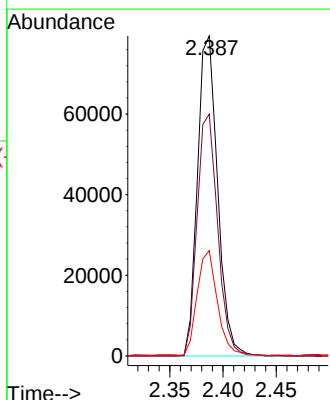
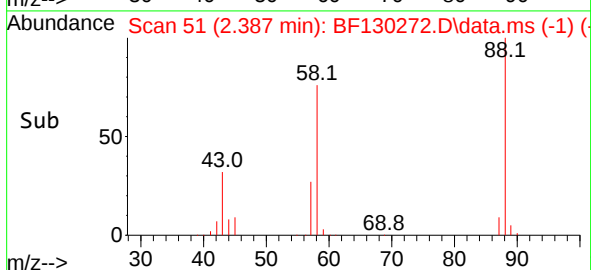
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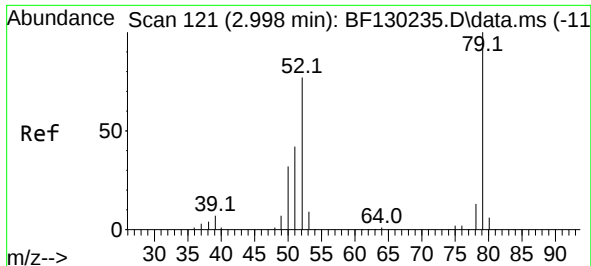


#2
 1,4-Dioxane
 Concen: 40.828 ng
 RT: 2.387 min Scan# 51
 Delta R.T. 0.077 min
 Lab File: BF130272.D
 Acq: 15 Sep 2022 15:38



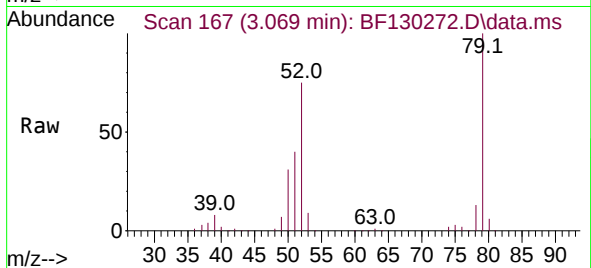
Tgt Ion: 88 Resp: 104102
 Ion Ratio Lower Upper
 88 100
 58 77.0 61.3 91.9
 43 33.4 23.0 34.6





#3
Pyridine
Concen: 39.294 ng
RT: 3.069 min Scan# 10
Delta R.T. 0.071 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

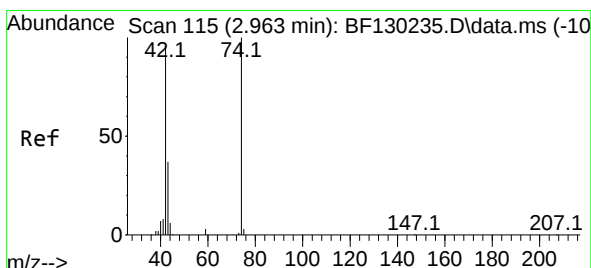
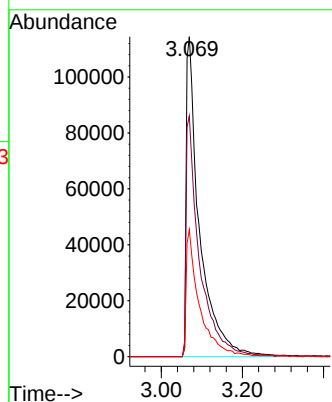
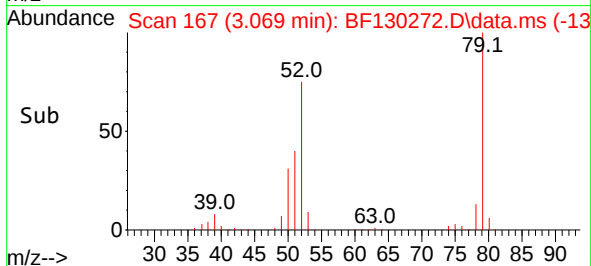
Instrument :
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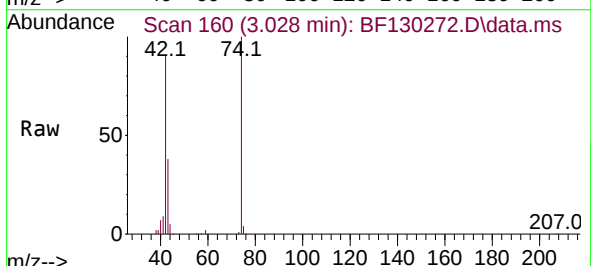
Tgt Ion: 79 Resp: 26136
Ion Ratio Lower Upper
79 100
52 75.2 62.4 93.6
51 39.7 32.2 48.4

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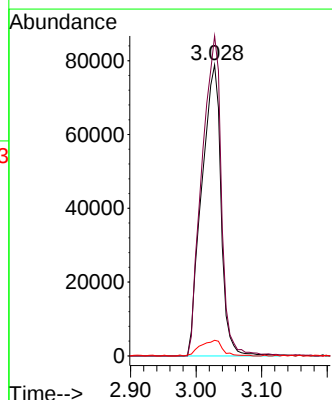
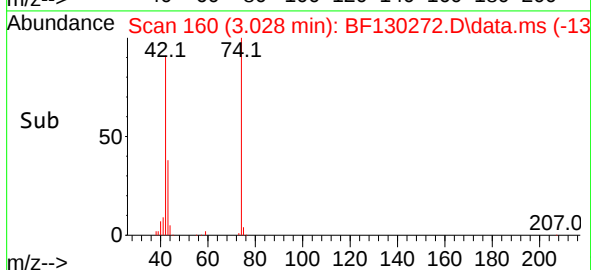
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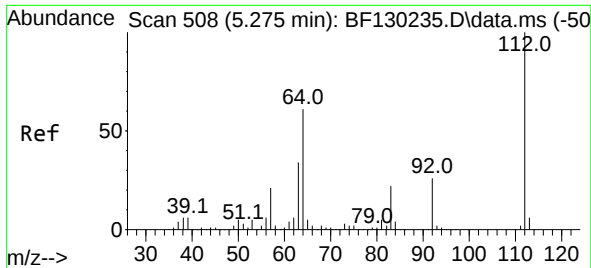


#4
n-Nitrosodimethylamine
Concen: 44.293 ng
RT: 3.028 min Scan# 160
Delta R.T. 0.065 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion: 42 Resp: 160233
Ion Ratio Lower Upper
42 100
74 110.0 88.4 132.6
44 5.3 5.0 7.4





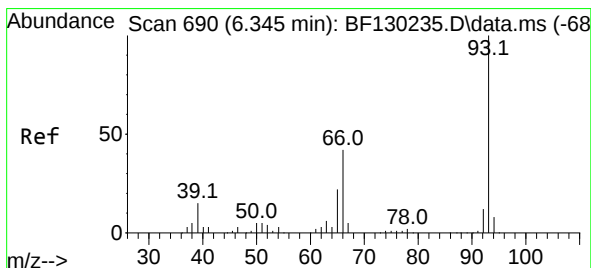
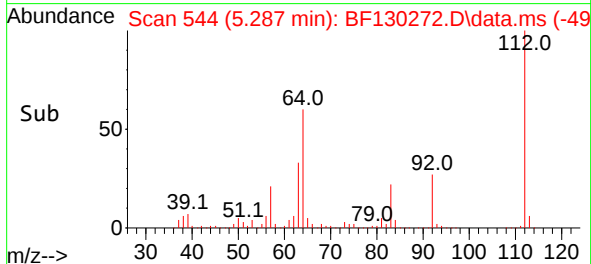
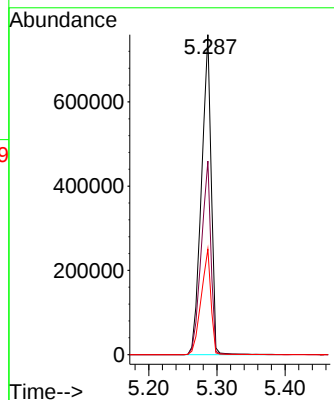
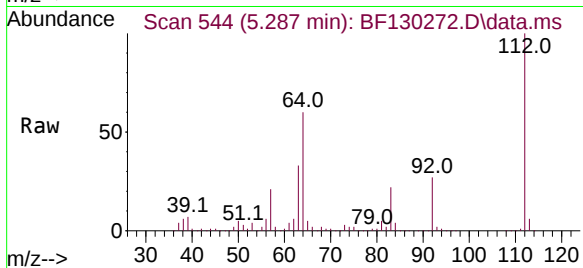
#5
2-Fluorophenol
Concen: 136.364 ng
RT: 5.287 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 757079
Ion Ratio Lower Upper
112 100
64 60.5 51.4 77.0
63 33.0 28.8 43.2

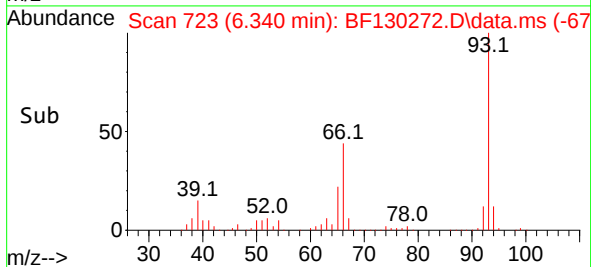
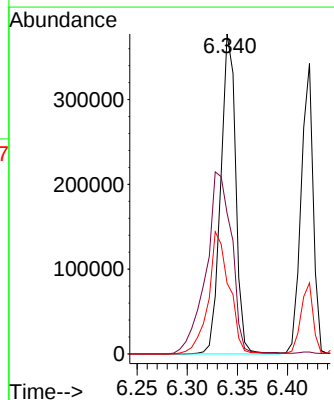
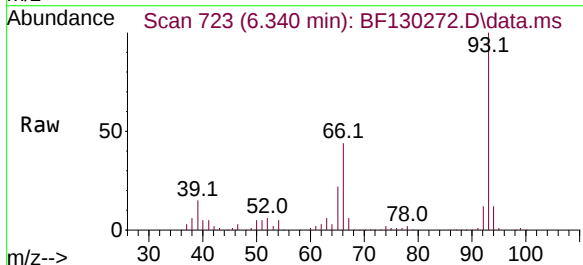
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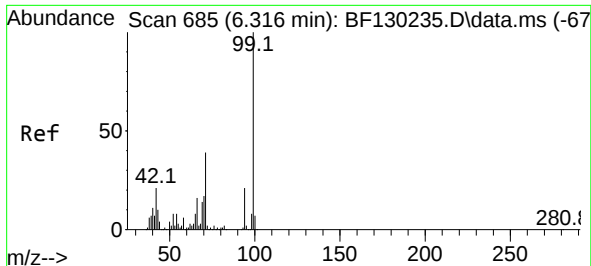
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#6
Aniline
Concen: 46.060 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

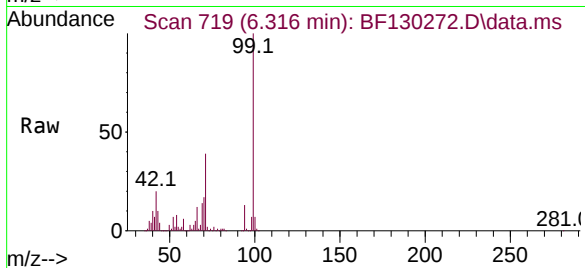
Tgt Ion: 93 Resp: 394240
Ion Ratio Lower Upper
93 100
66 44.0 34.2 51.4
65 22.1 16.6 24.8





#7
Phenol-d6
Concen: 138.808 ng
RT: 6.316 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130272.D
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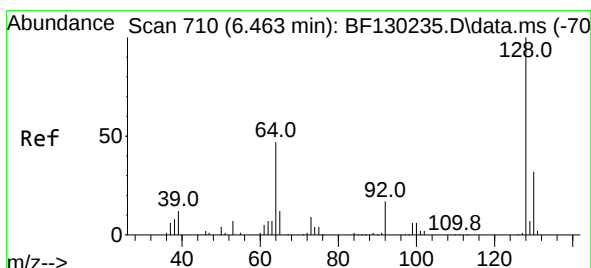
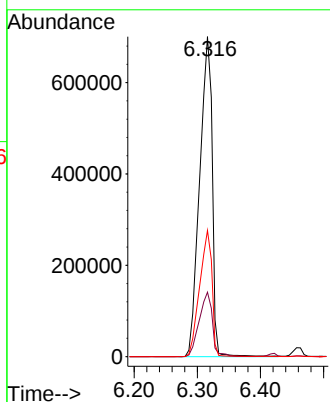
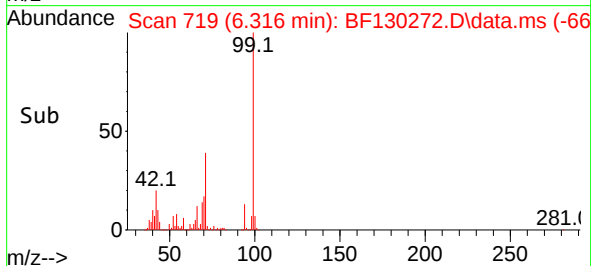
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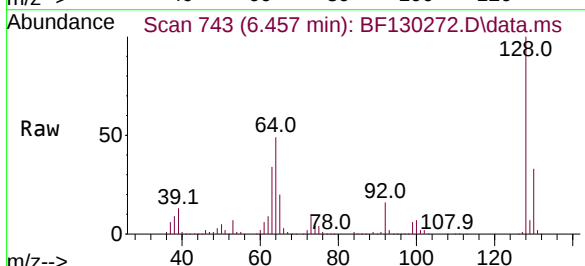
Tgt Ion: 99 Resp: 964259
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 39.4 32.3 48.5

Manual Integrations
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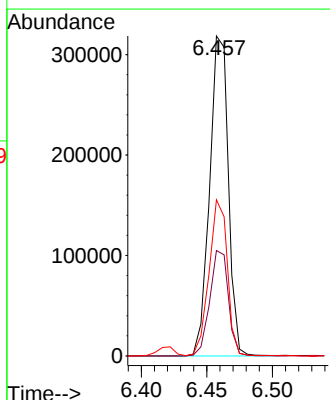
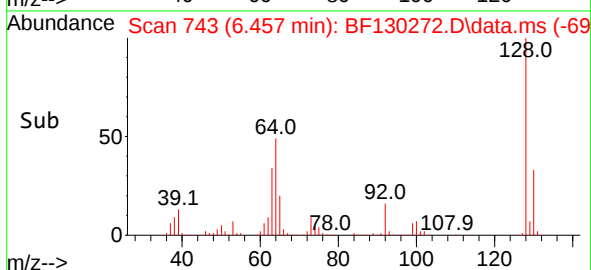
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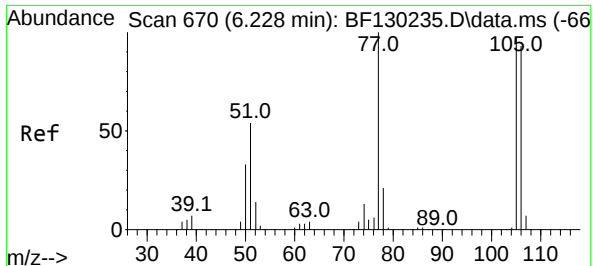


#8
2-Chlorophenol
Concen: 50.163 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:128 Resp: 317252
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 48.8 31.6 71.6





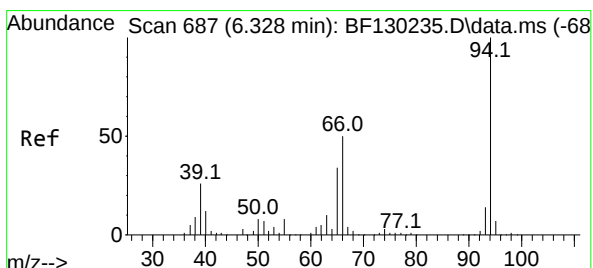
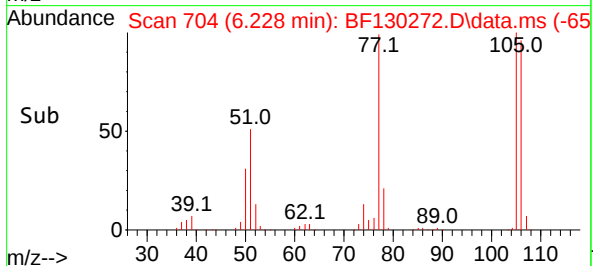
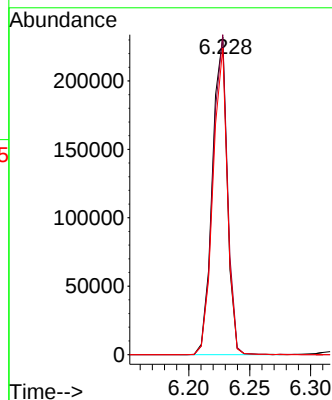
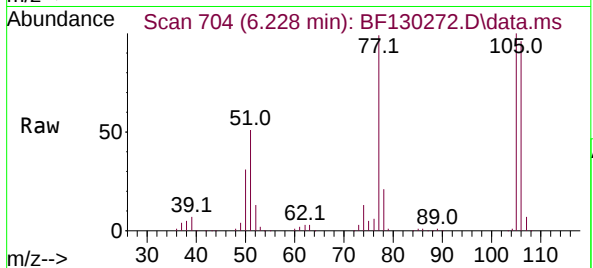
#9
Benzaldehyde
Concen: 42.412 ng
RT: 6.228 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 19735
Ion Ratio Lower Upper
77 100
105 100.7 75.1 115.1
106 96.5 69.7 109.7

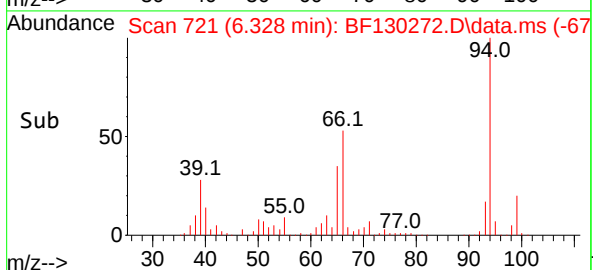
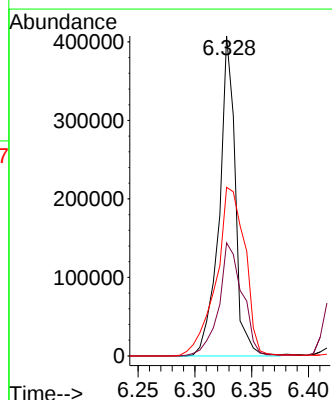
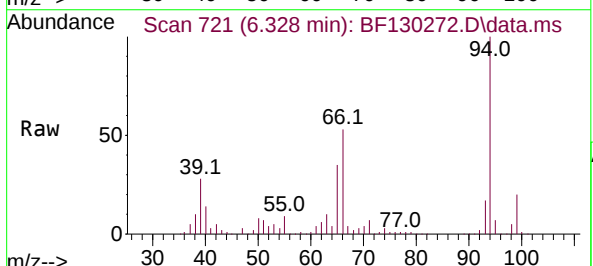
Manual Integrations
APPROVED

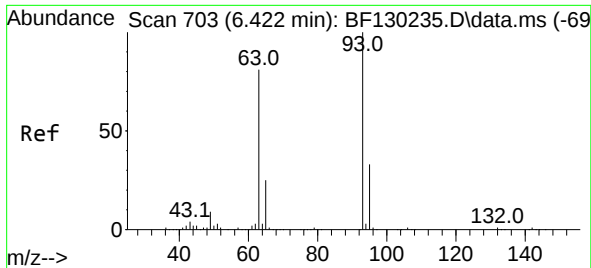
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#10
Phenol
Concen: 49.168 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

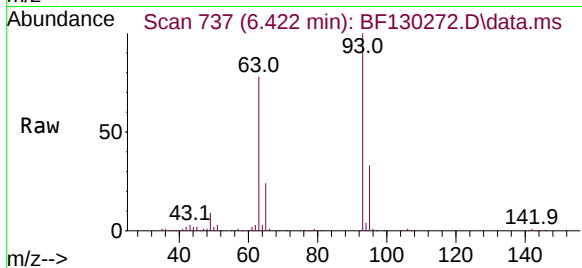
Tgt Ion: 94 Resp: 400267
Ion Ratio Lower Upper
94 100
65 35.3 14.1 54.1
66 52.7 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 48.952 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

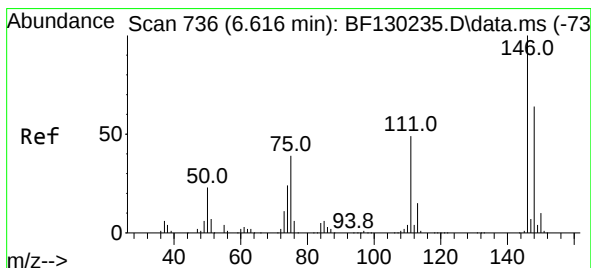
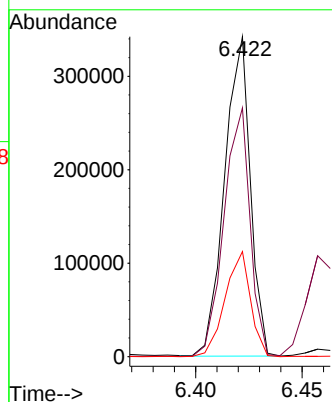
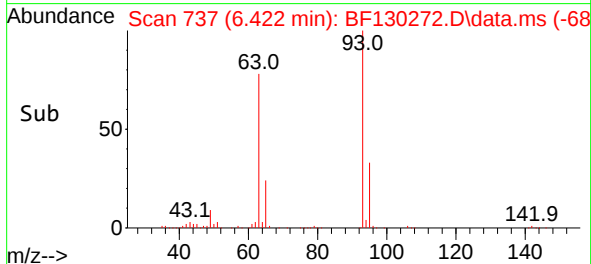
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



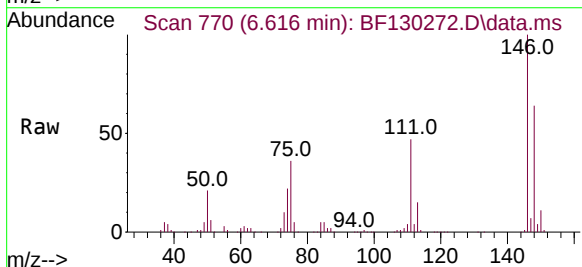
Tgt Ion: 93 Resp: 287444
Ion Ratio Lower Upper
93 100
63 77.7 62.5 102.5
95 32.8 12.5 52.5

Manual Integrations
APPROVED

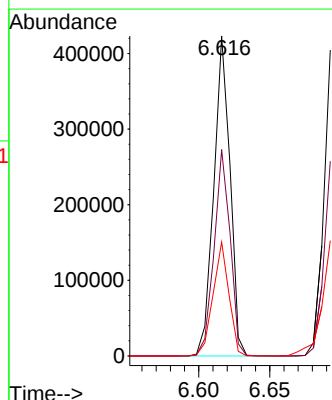
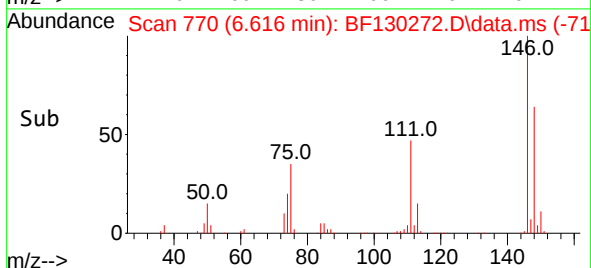
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

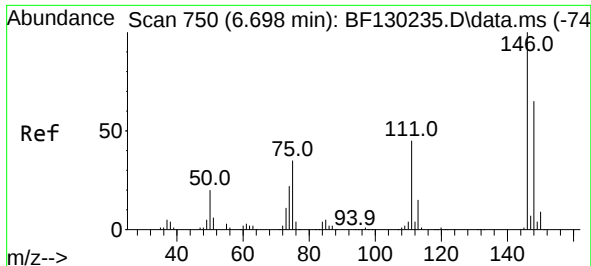


#12
1,3-Dichlorobenzene
Concen: 48.334 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



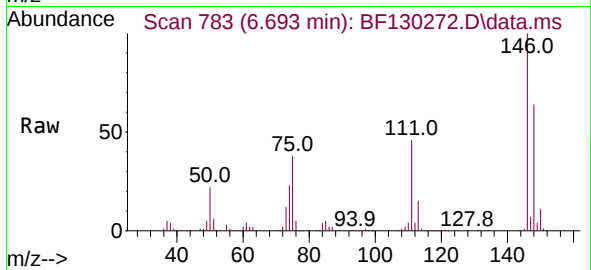
Tgt Ion:146 Resp: 336349
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 35.6 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 48.313 ng
RT: 6.693 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

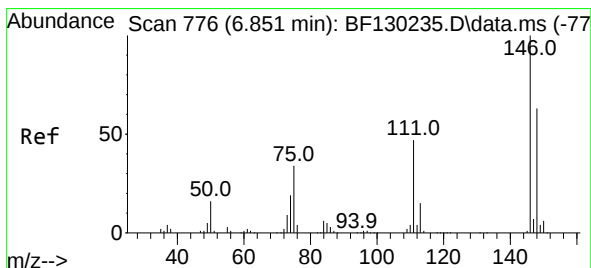
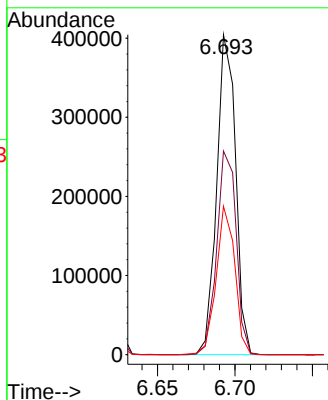
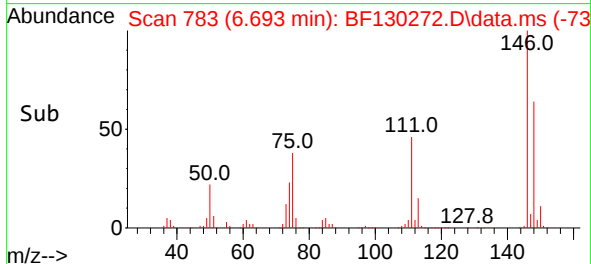
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



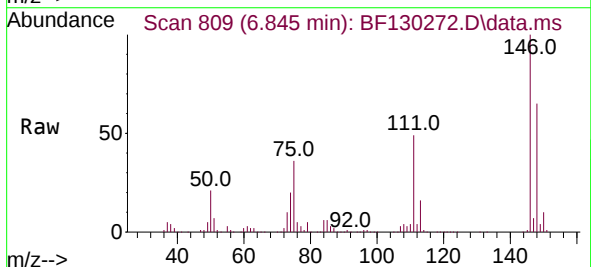
Tgt Ion:146 Resp: 342851
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 46.4 36.3 54.5

Manual Integrations
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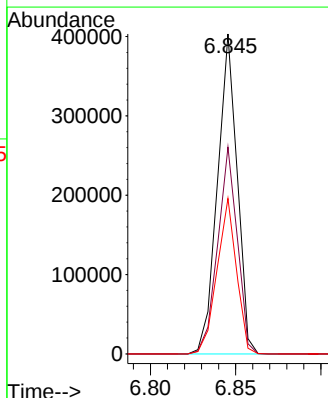
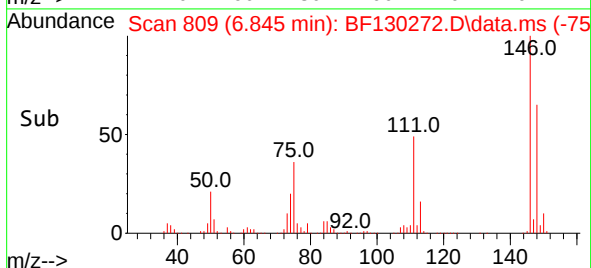
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

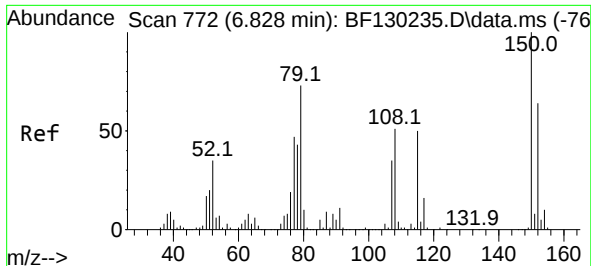


#14
1,2-Dichlorobenzene
Concen: 48.896 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



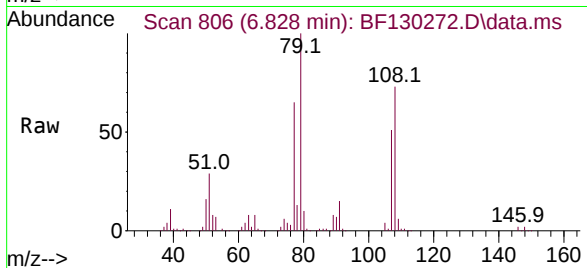
Tgt Ion:146 Resp: 324142
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
111 48.6 39.2 58.8





#15
Benzyl Alcohol
Concen: 45.402 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

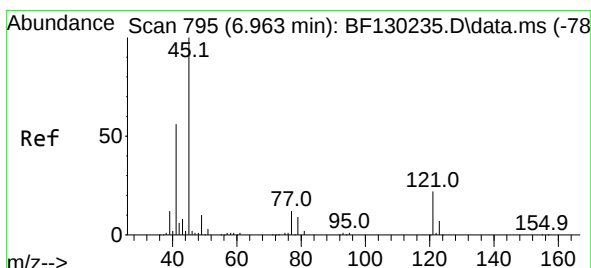
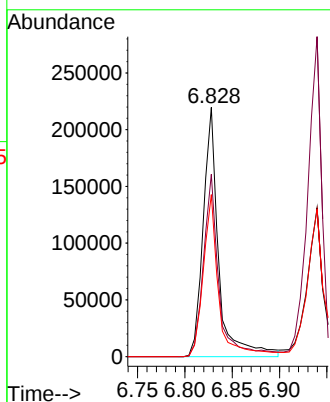
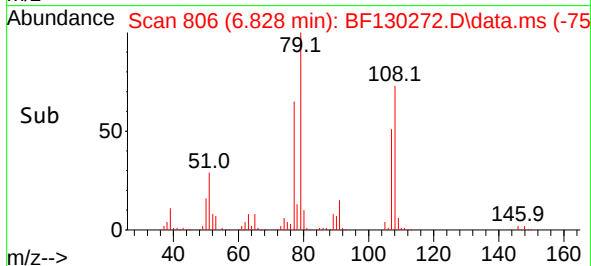
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



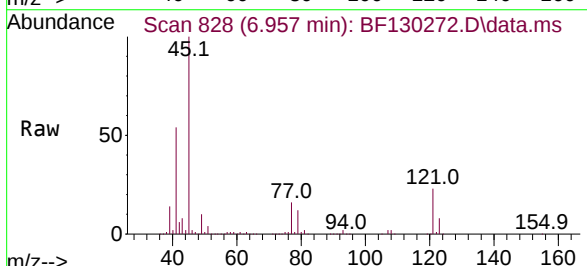
Tgt Ion: 79 Resp: 250066
Ion Ratio Lower Upper
79 100
108 73.2 54.0 81.0
77 65.1 51.3 76.9

Manual Integrations
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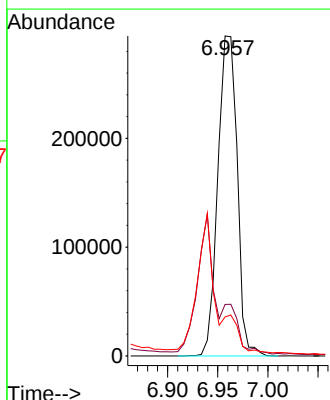
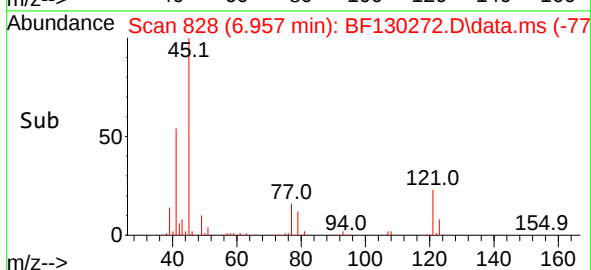
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

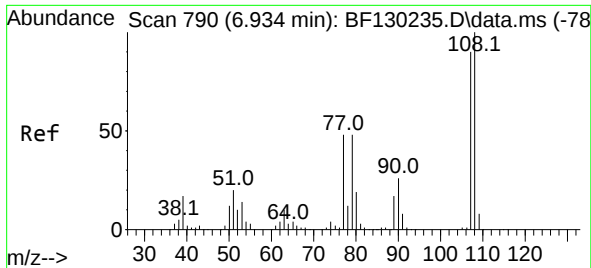


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.199 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



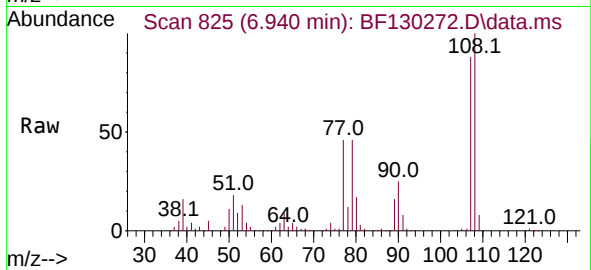
Tgt Ion: 45 Resp: 395664
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.9
79 12.2 0.0 31.0





#17
2-Methylphenol
Concen: 48.635 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

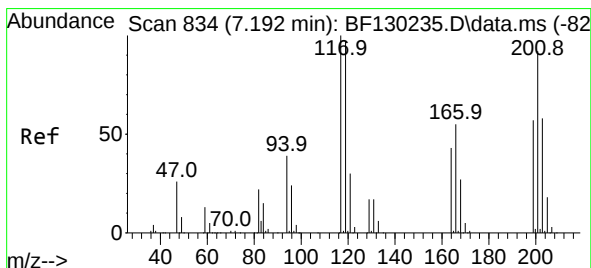
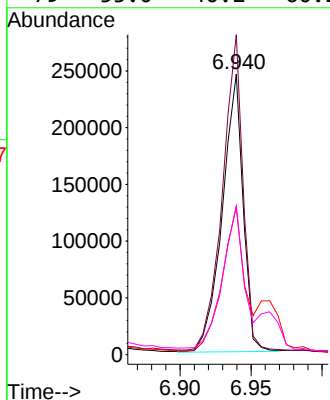
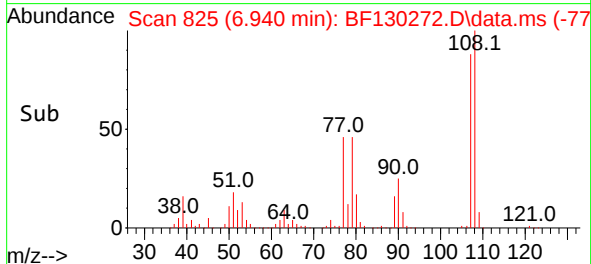
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



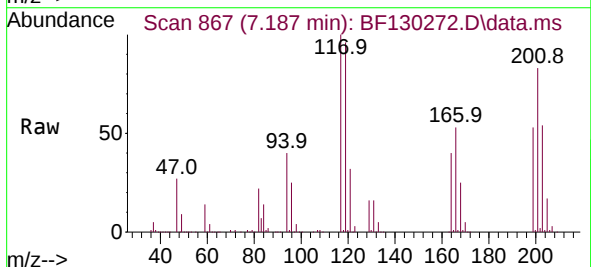
Tgt Ion:	107	Resp:	25003
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.4	134.0
77	52.5	40.6	60.8
79	53.0	40.2	60.2

Manual Integrations
APPROVED

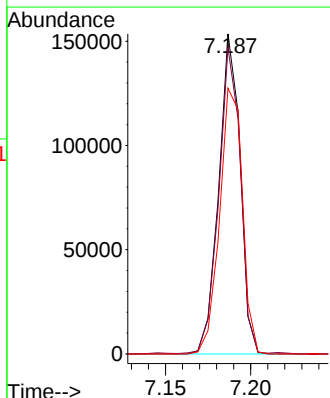
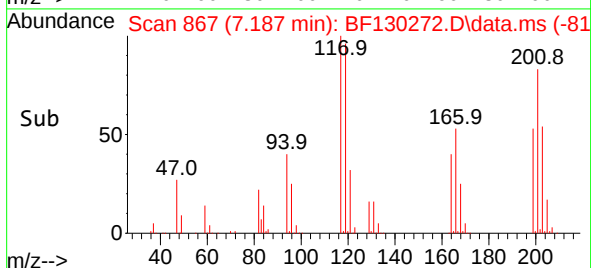
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

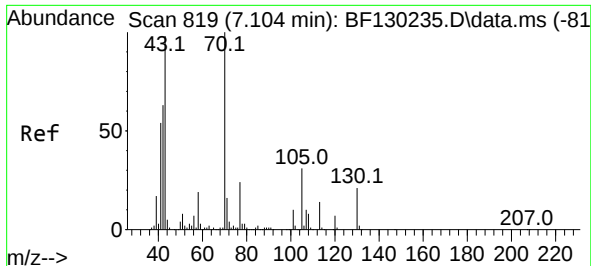


#18
Hexachloroethane
Concen: 47.876 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



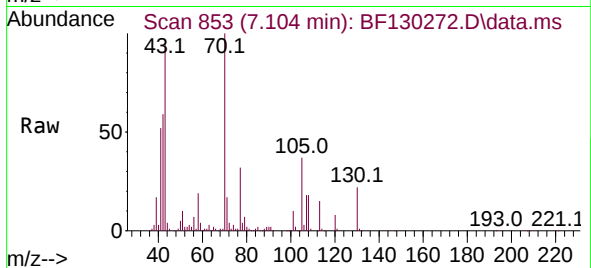
Tgt Ion:	117	Resp:	133921
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.8	116.6
201	83.0	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 47.825 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

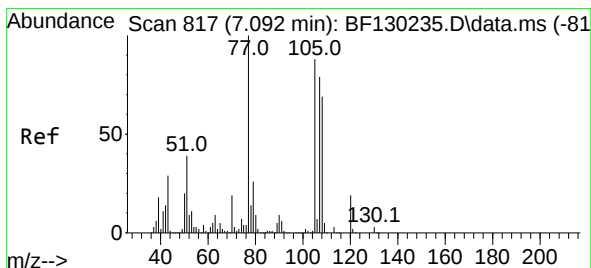
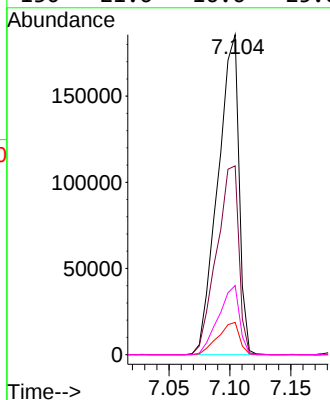
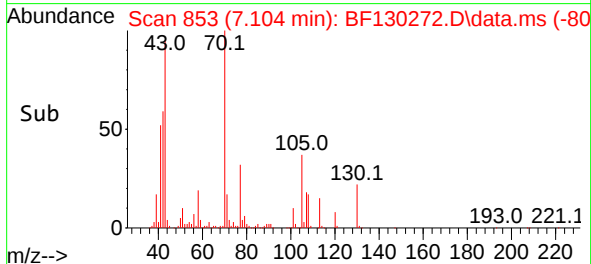
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion: 70 Resp: 224181
Ion Ratio Lower Upper
70 100
42 59.0 50.8 76.2
101 10.1 8.2 12.4
130 21.6 16.6 25.0

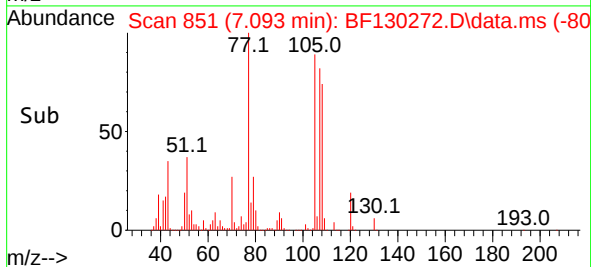
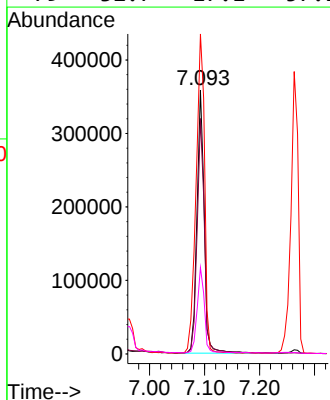
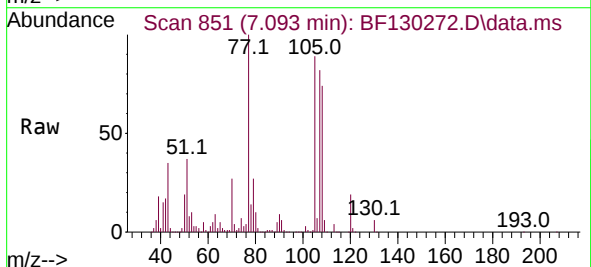
Manual Integrations
APPROVED

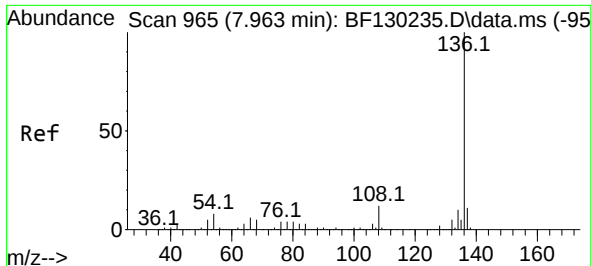
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#20
3+4-Methylphenols
Concen: 49.044 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

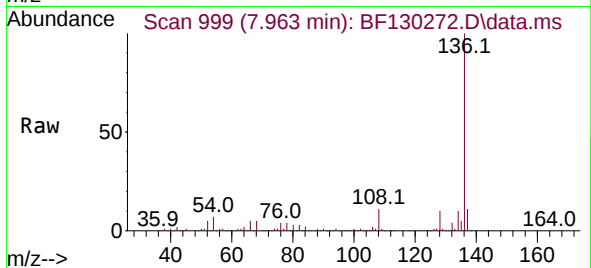
Tgt Ion:107 Resp: 327546
Ion Ratio Lower Upper
107 100
108 89.2 74.8 114.8
77 121.3 125.8 165.8#
79 32.7 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

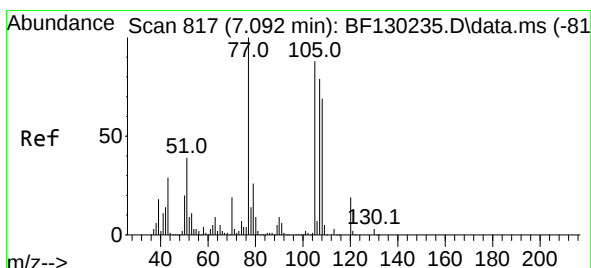
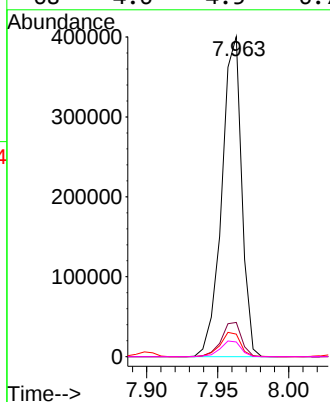
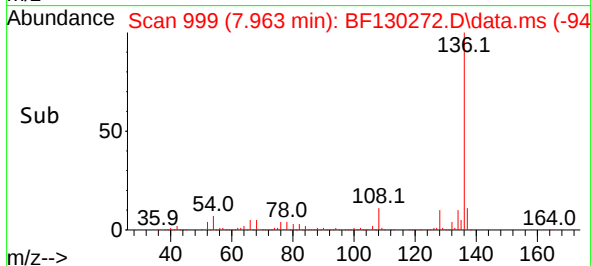
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion:	136	Resp:	389662
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	7.0	7.1	10.7
68	4.6	4.5	6.7

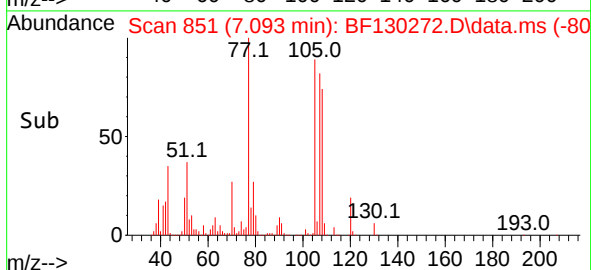
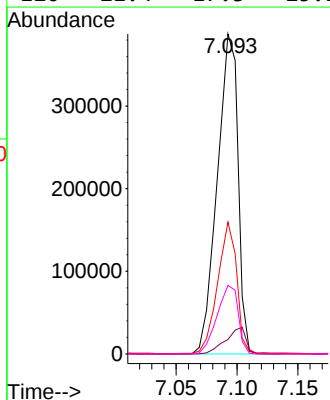
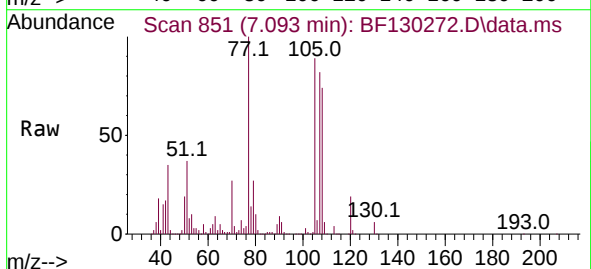
Manual Integrations
APPROVED

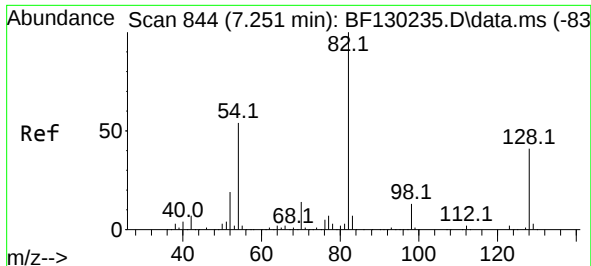
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#22
Acetophenone
Concen: 48.101 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Tgt Ion:	105	Resp:	458248
Ion Ratio	Lower	Upper	
105	100		
71	4.5	3.9	5.9
51	41.2	32.2	48.2
120	21.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 81.533 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD

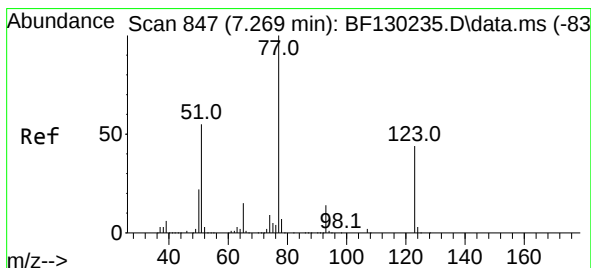
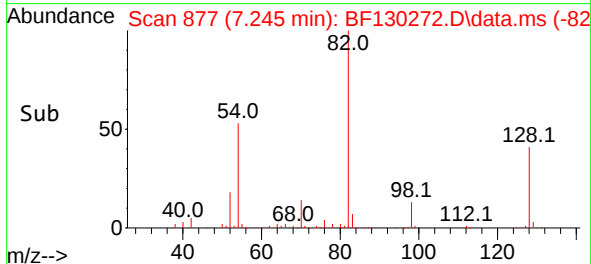
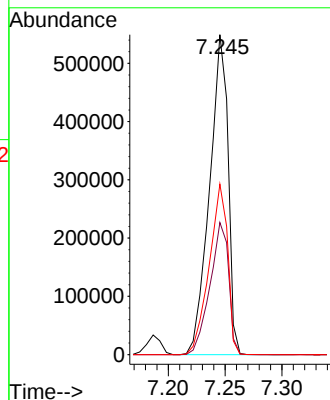
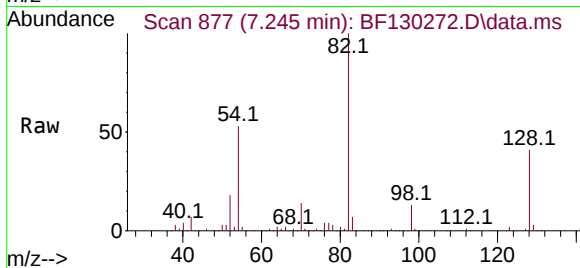
Tgt Ion: 82 Resp: 621874

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.6	49.0
54	53.3	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#24

Nitrobenzene

Concen: 45.263 ng

RT: 7.263 min Scan# 880

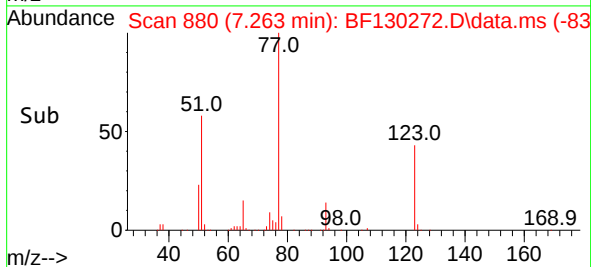
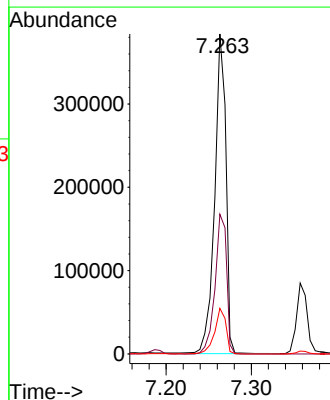
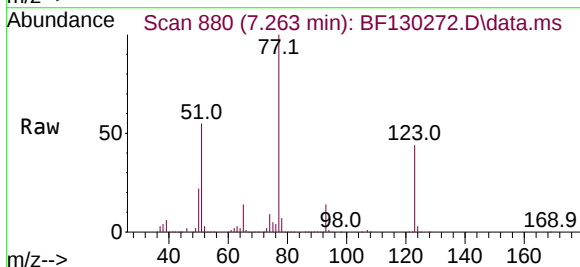
Delta R.T. -0.006 min

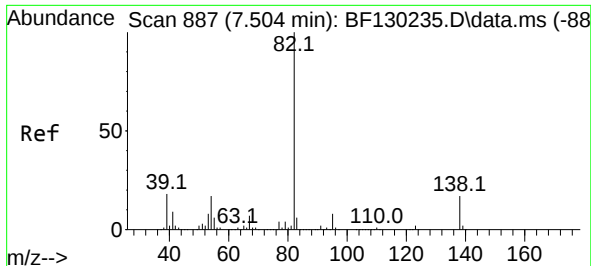
Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Tgt Ion: 77 Resp: 350549

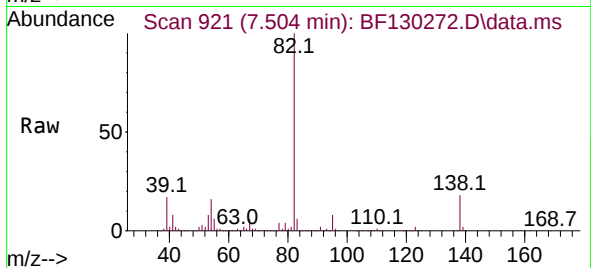
Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.3	51.5
65	14.2	12.0	18.0





#25
Isophorone
Concen: 49.832 ng
RT: 7.504 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

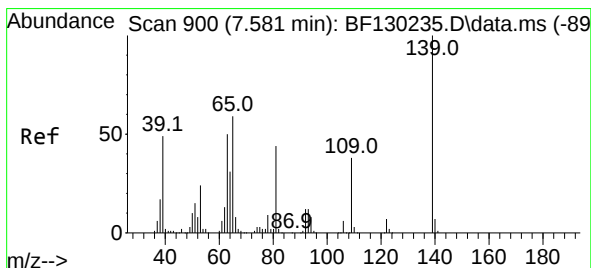
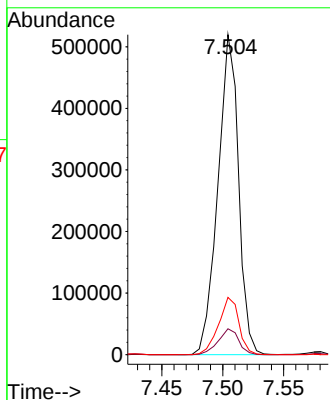
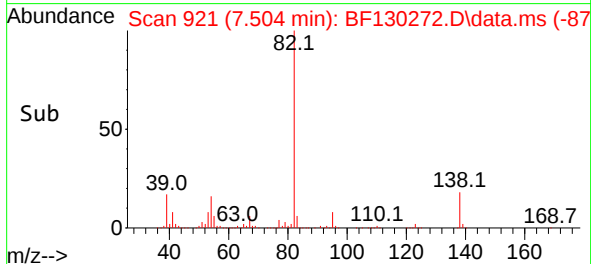
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion: 82 Resp: 612598
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.9 13.8 20.6

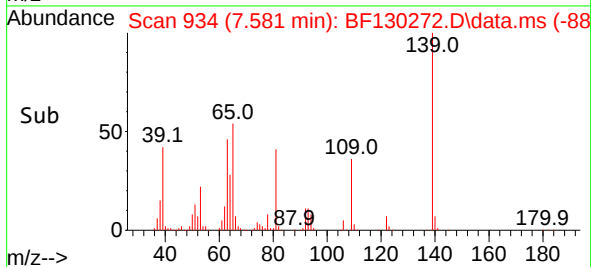
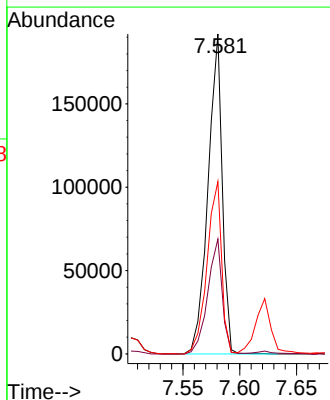
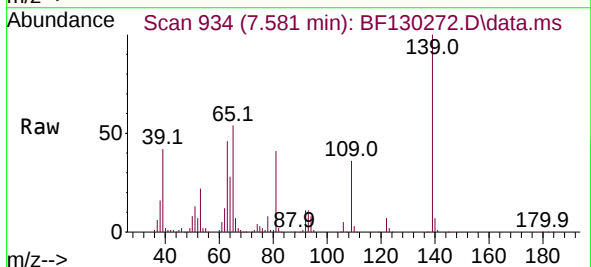
Manual Integrations
APPROVED

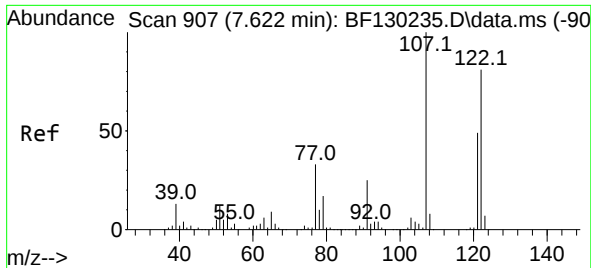
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#26
2-Nitrophenol
Concen: 52.863 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Tgt Ion:139 Resp: 167830
Ion Ratio Lower Upper
139 100
109 35.9 30.2 45.4
65 53.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 57.910 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

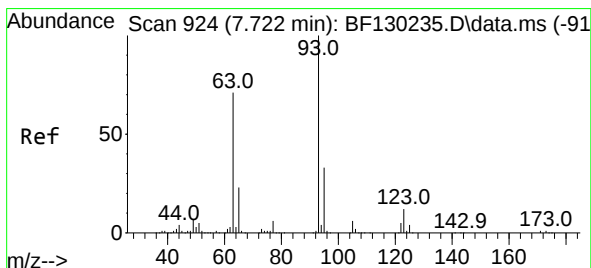
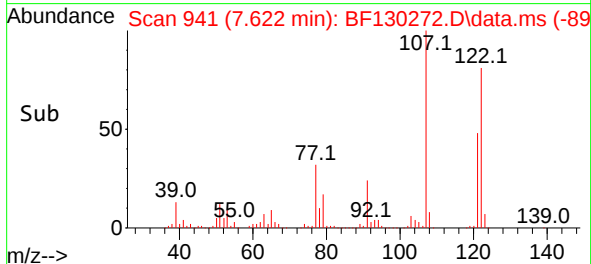
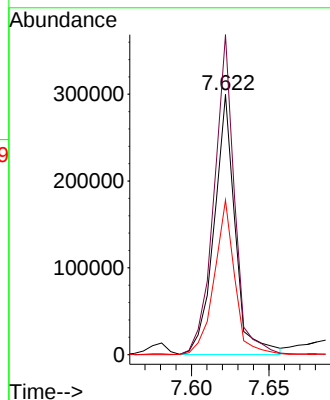
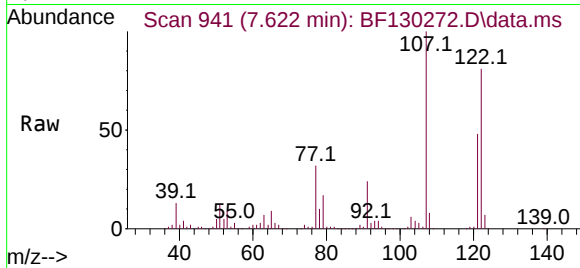
SASP2-T-6-(18-23)MSD

Tgt Ion:122 Resp: 283085
 Ion Ratio Lower Upper
 122 100
 107 123.0 100.2 150.2
 121 59.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.372 ng

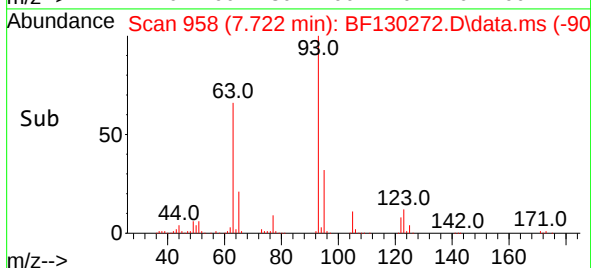
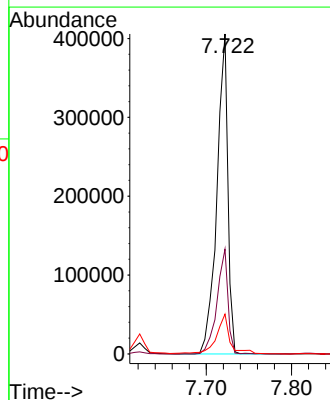
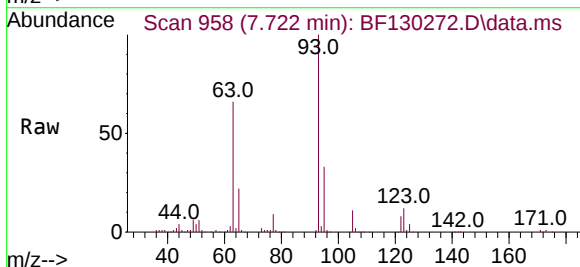
RT: 7.722 min Scan# 958

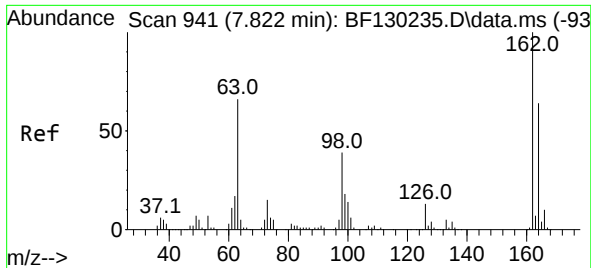
Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

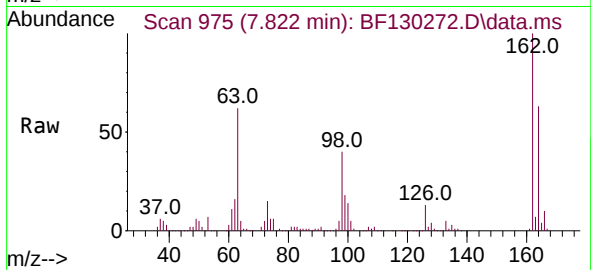
Tgt Ion: 93 Resp: 362533
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 12.4 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 49.002 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

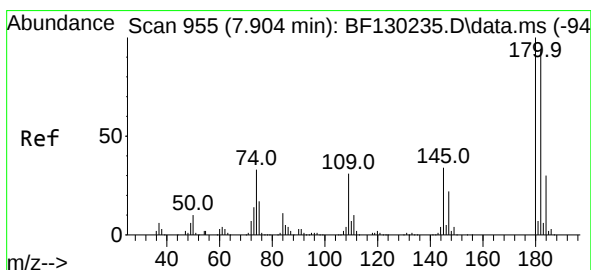
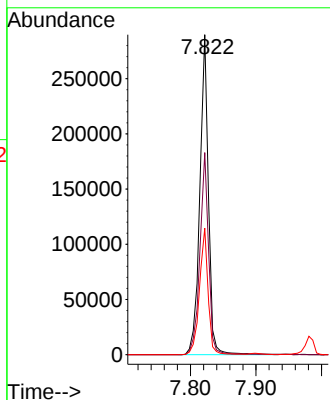
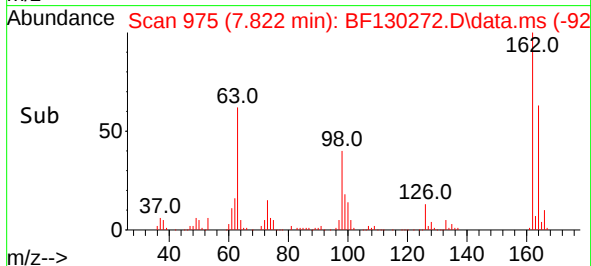
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



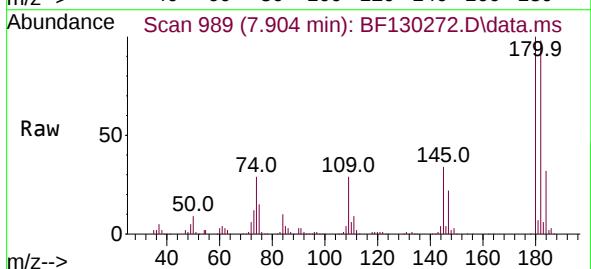
Tgt Ion:162 Resp: 262499
Ion Ratio Lower Upper
162 100
164 63.1 42.2 82.2
98 39.5 21.7 61.7

Manual Integrations
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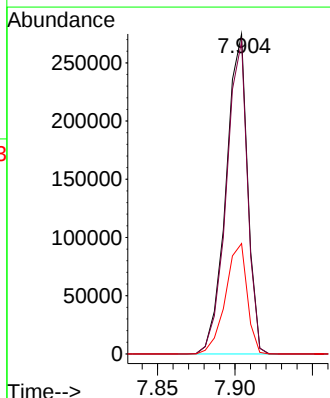
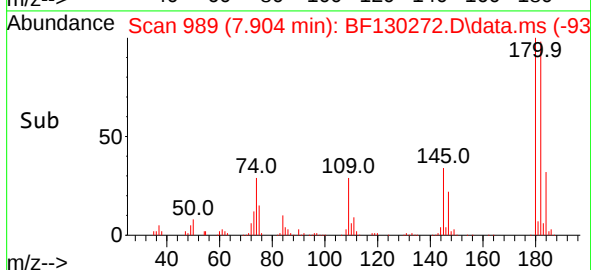
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

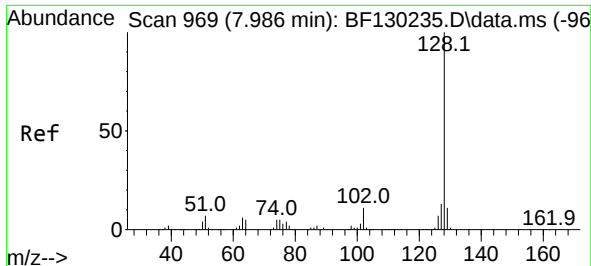


#30
1,2,4-Trichlorobenzene
Concen: 45.875 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



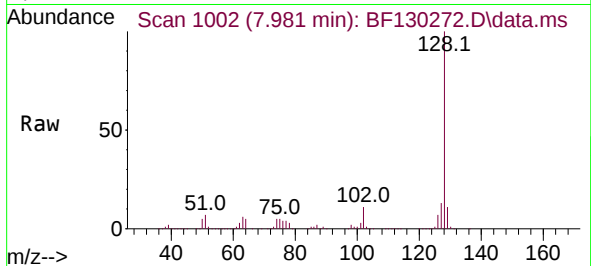
Tgt Ion:180 Resp: 265691
Ion Ratio Lower Upper
180 100
182 97.7 73.3 109.9
145 34.5 28.3 42.5





#31
Naphthalene
Concen: 45.520 ng
RT: 7.981 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

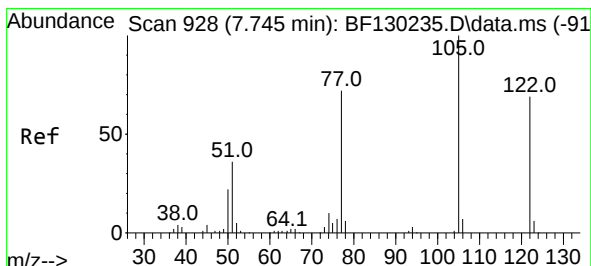
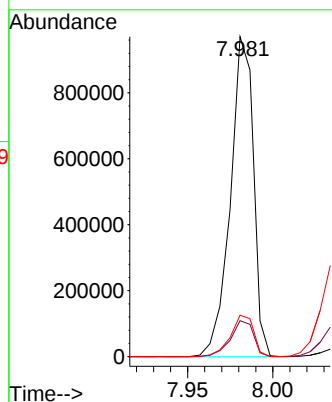
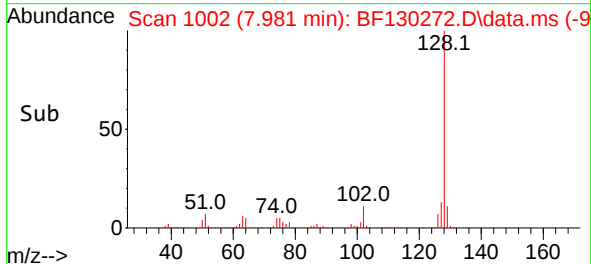
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion:128 Resp: 913830
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.6 16.0

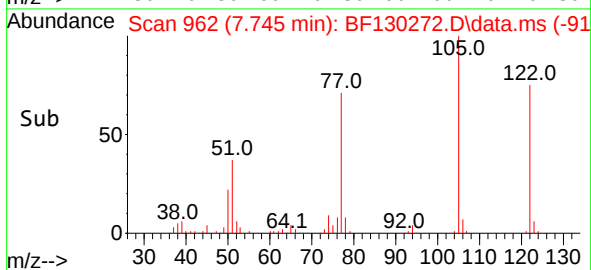
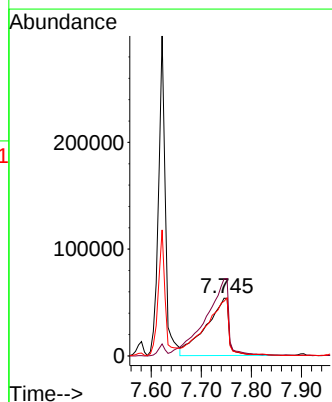
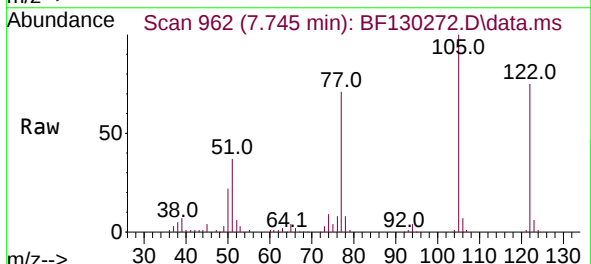
Manual Integrations
APPROVED

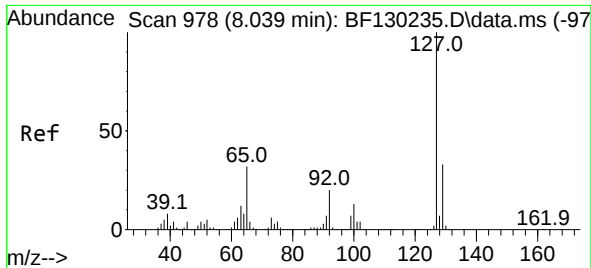
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#32
Benzoic acid
Concen: 45.849 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Tgt Ion:122 Resp: 173324
Ion Ratio Lower Upper
122 100
105 133.2 112.9 152.9
77 94.6 82.8 122.8





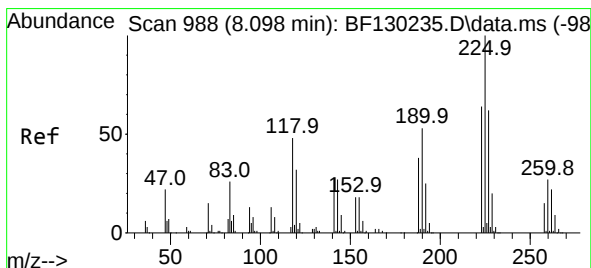
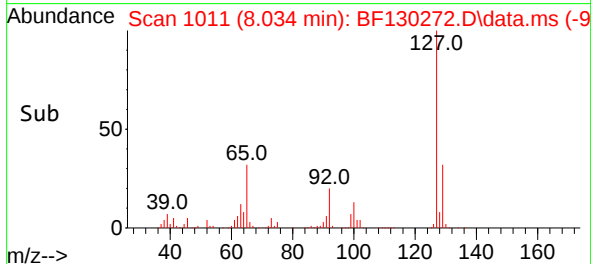
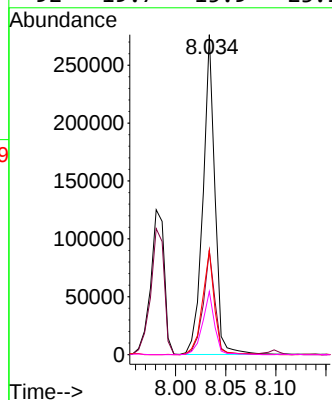
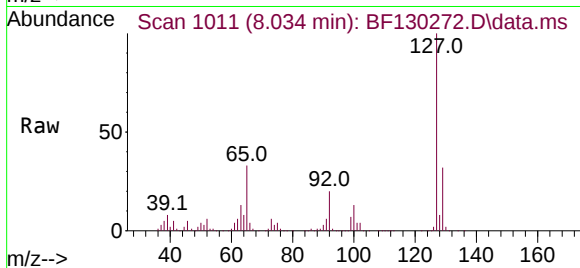
#33
4-Chloroaniline
Concen: 29.785 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD

Tgt Ion:127	Resp: 227414
Ion Ratio	Lower Upper
127 100	
129 32.5	25.6 38.4
65 32.5	27.0 40.6
92 19.7	15.9 23.9

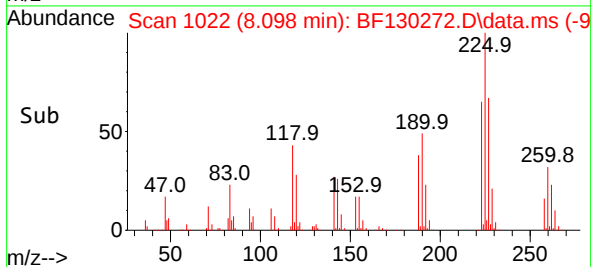
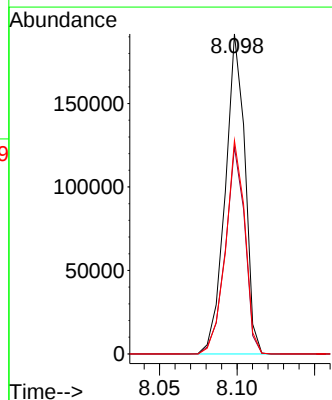
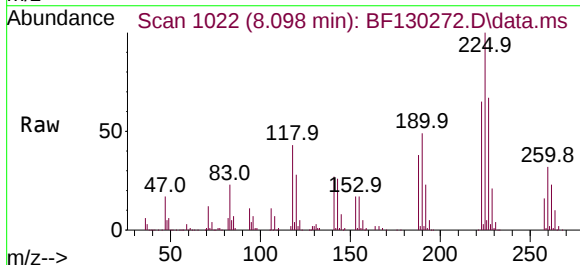
Manual Integrations
APPROVED

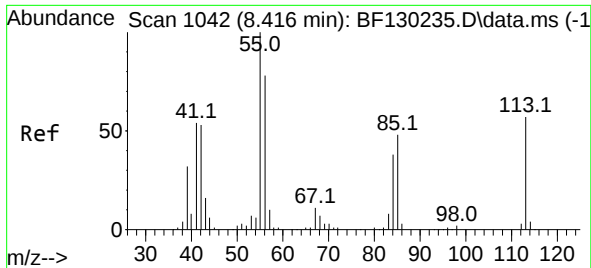
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#34
Hexachlorobutadiene
Concen: 45.725 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

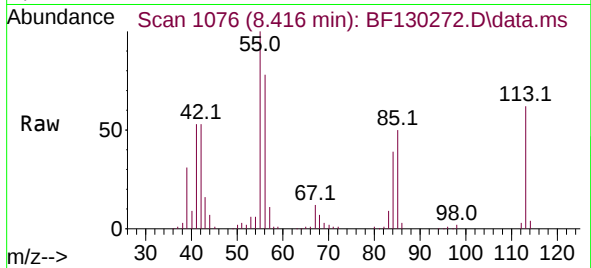
Tgt Ion:225	Resp: 169245
Ion Ratio	Lower Upper
225 100	
223 64.7	50.3 75.5
227 66.7	51.1 76.7





#35
Caprolactam
Concen: 55.556 ng m
RT: 8.416 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

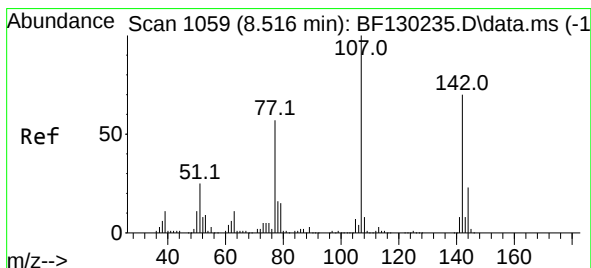
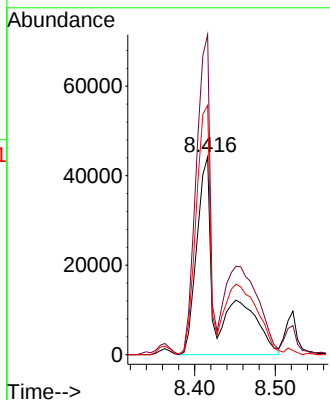
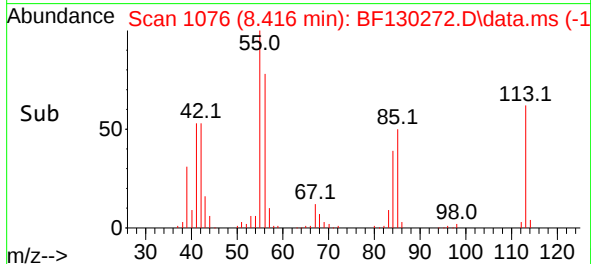
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion:113 Resp: 85318
Ion Ratio Lower Upper
113 100
55 161.9 155.4 195.4
56 126.1 120.4 160.4

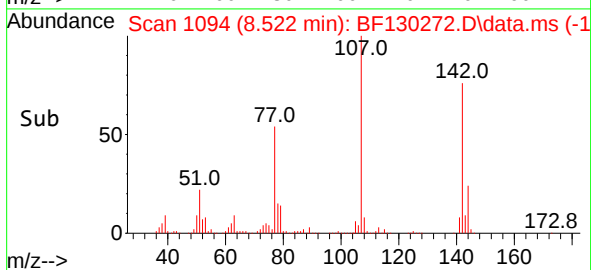
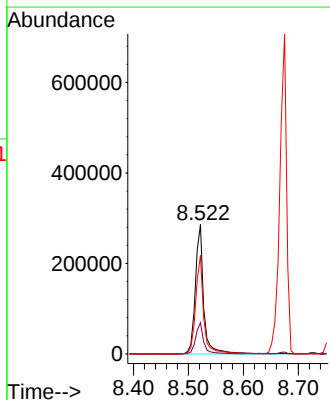
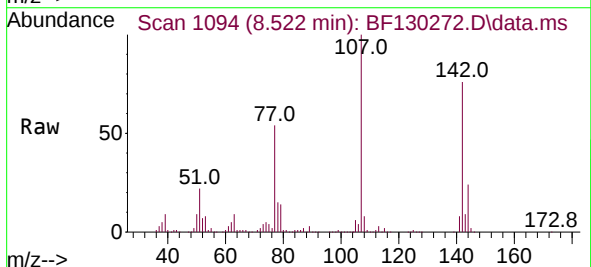
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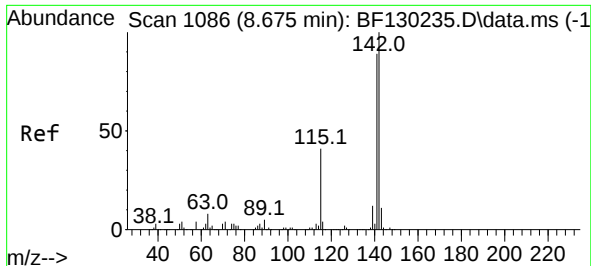
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#36
4-Chloro-3-methylphenol
Concen: 50.728 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Tgt Ion:107 Resp: 301208
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 76.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 47.229 ng

RT: 8.675 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD

Tgt Ion:142 Resp: 604519

Ion Ratio Lower Upper

142 100

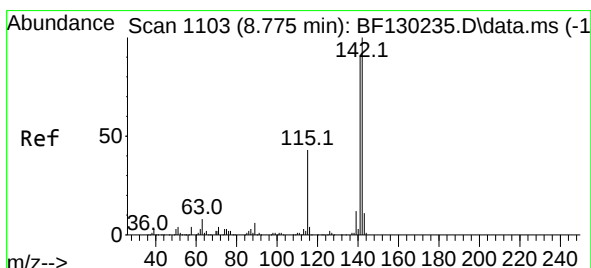
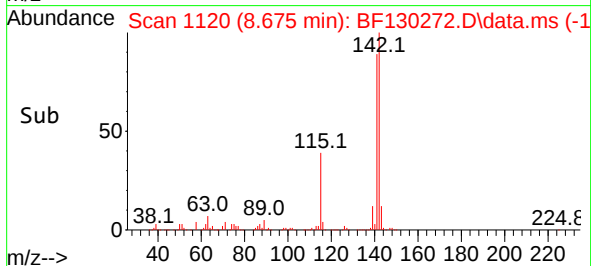
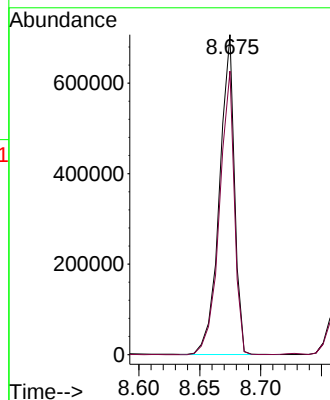
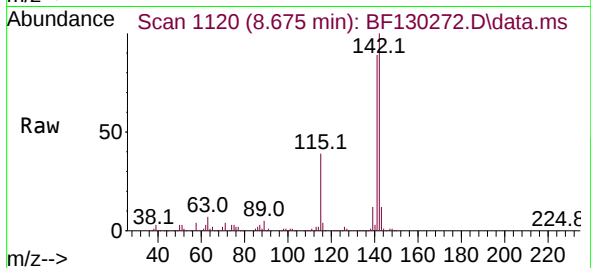
141 88.6 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#38

1-Methylnaphthalene

Concen: 46.604 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130272.D

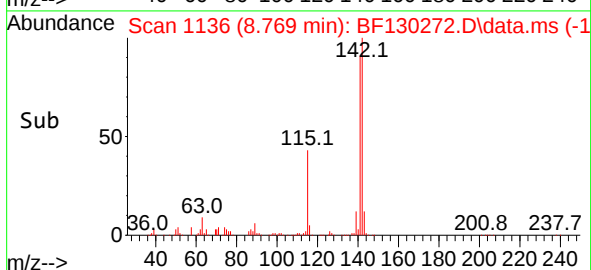
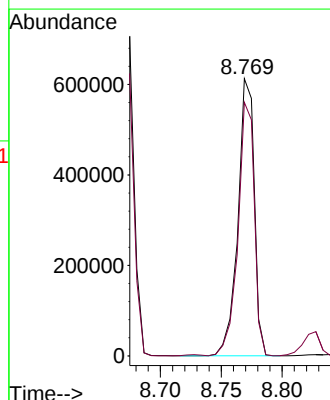
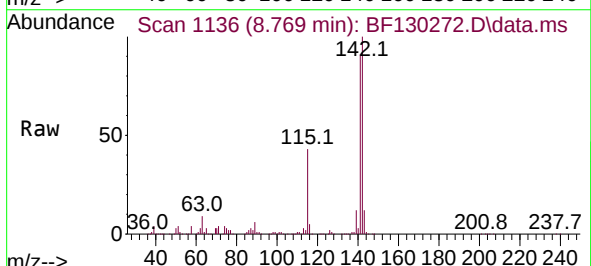
Acq: 15 Sep 2022 15:38

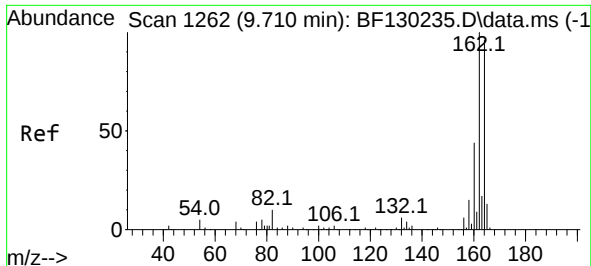
Tgt Ion:142 Resp: 573048

Ion Ratio Lower Upper

142 100

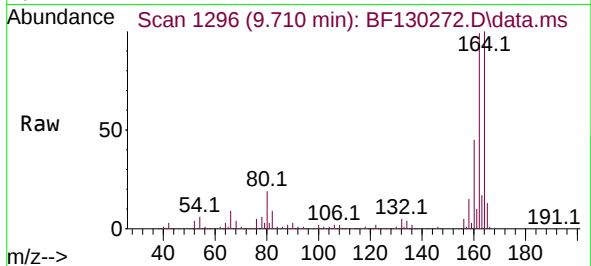
141 91.5 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

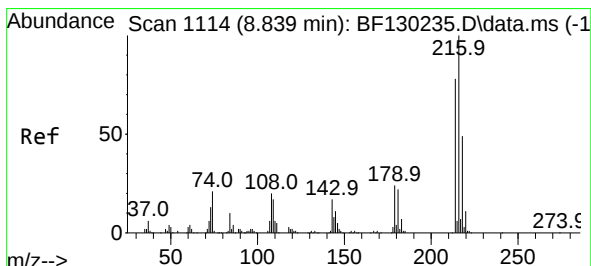
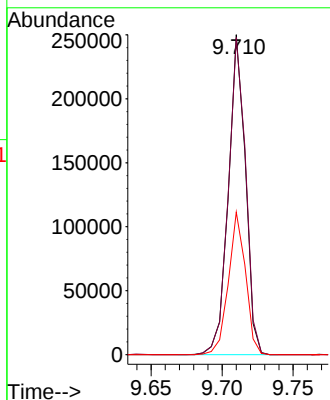
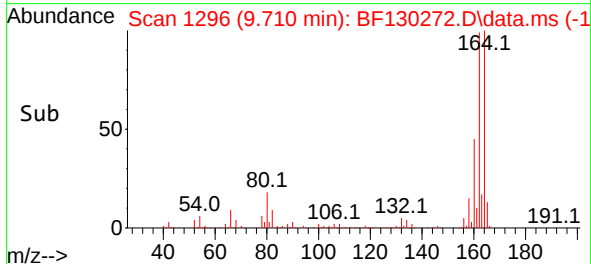
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



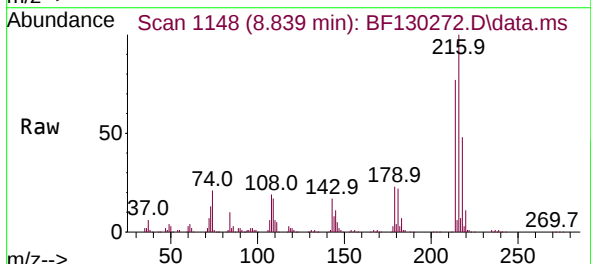
Tgt Ion:164 Resp: 207882
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 44.5 36.2 54.4

Manual Integrations
APPROVED

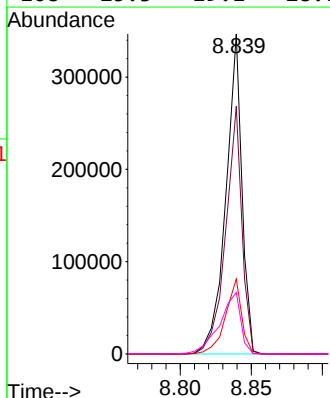
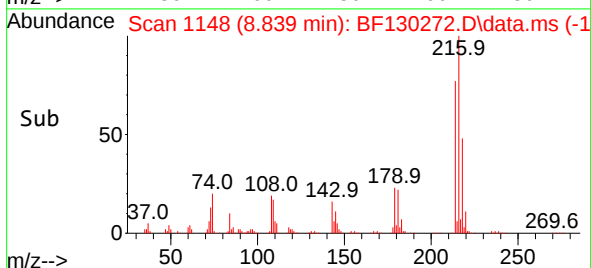
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

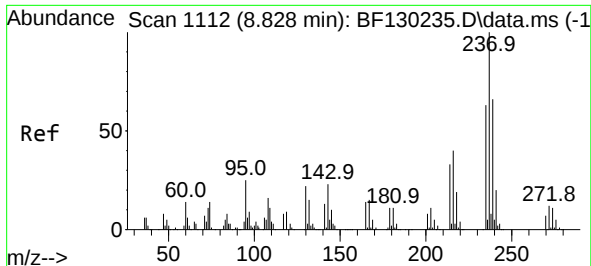


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.179 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



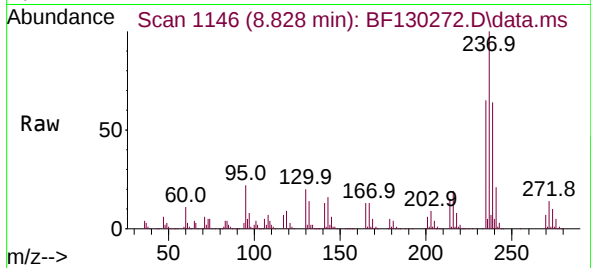
Tgt Ion:216 Resp: 273330
Ion Ratio Lower Upper
216 100
214 78.0 62.8 94.2
179 23.5 19.5 29.3
108 25.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 120.273 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

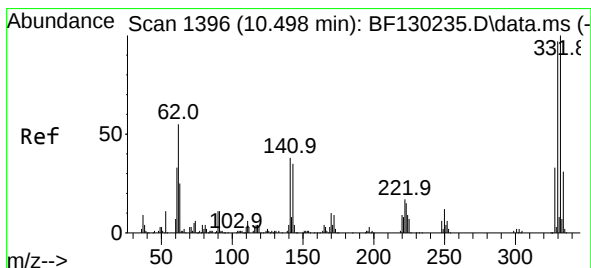
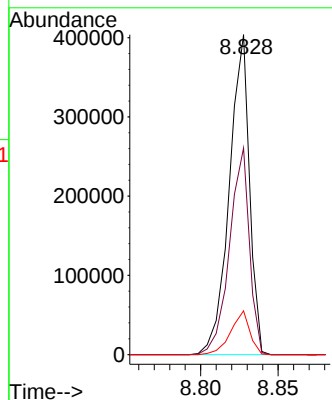
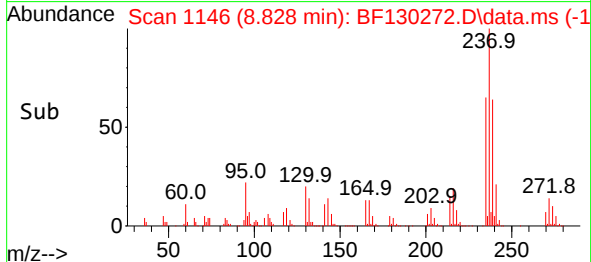
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



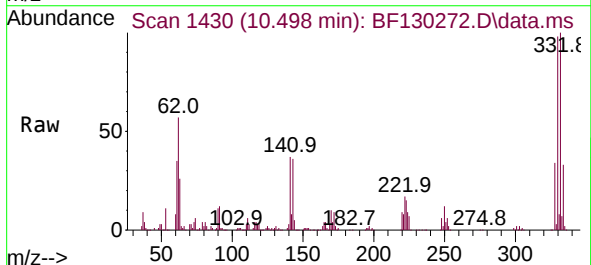
Tgt Ion:237 Resp: 365315
Ion Ratio Lower Upper
237 100
235 64.6 42.5 82.5
272 13.7 0.0 32.8

Manual Integrations
APPROVED

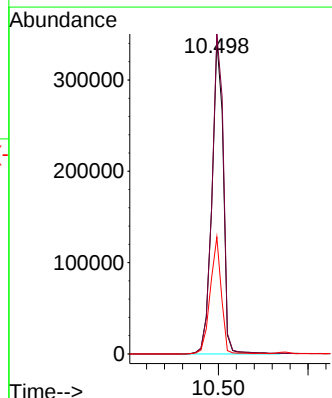
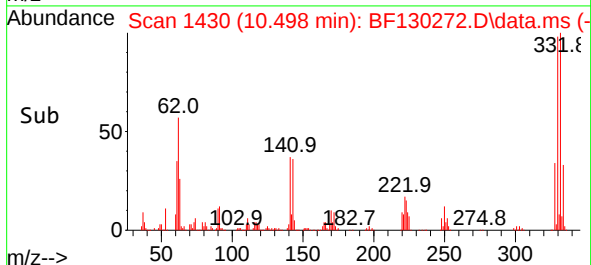
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

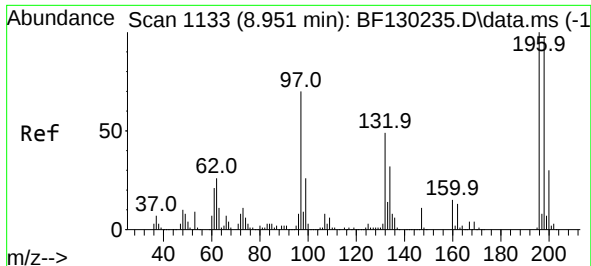


#42
2,4,6-Tribromophenol
Concen: 150.628 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:330 Resp: 300037
Ion Ratio Lower Upper
330 100
332 103.3 83.4 125.2
141 36.5 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 47.075 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF130272.D

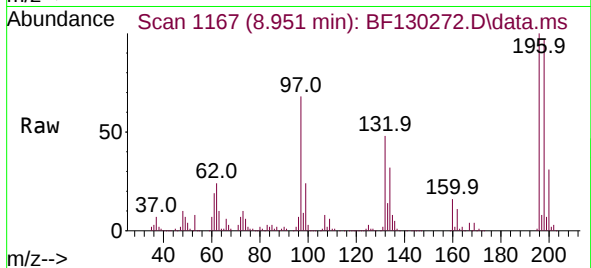
Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD



Tgt Ion:196 Resp: 186388

Ion Ratio Lower Upper

196 100

198 97.0 72.4 108.6

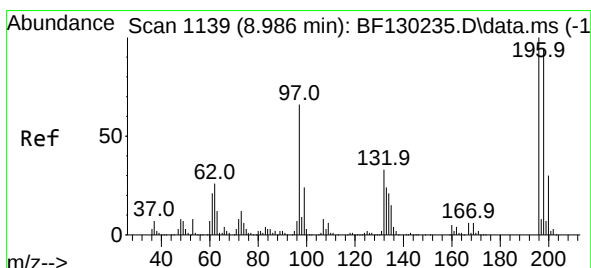
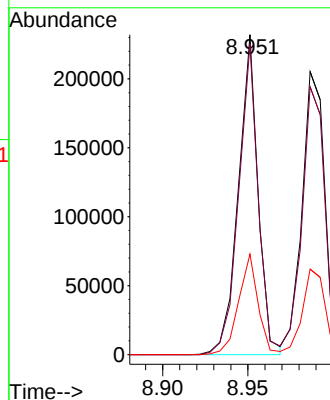
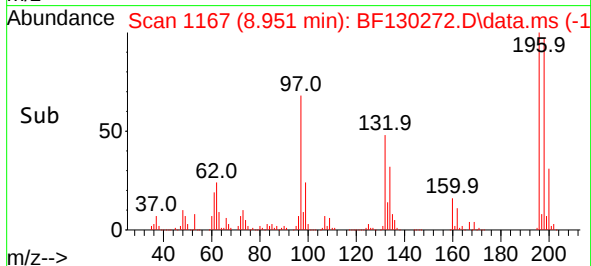
200 31.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#44

2,4,5-Trichlorophenol

Concen: 47.281 ng

RT: 8.987 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Tgt Ion:196 Resp: 202014

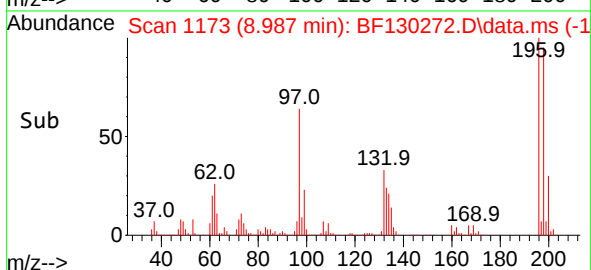
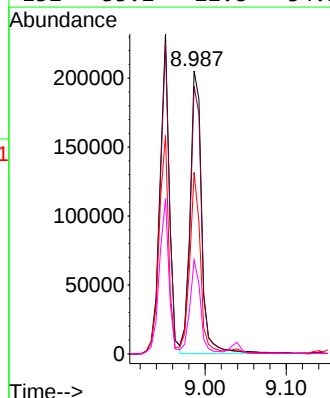
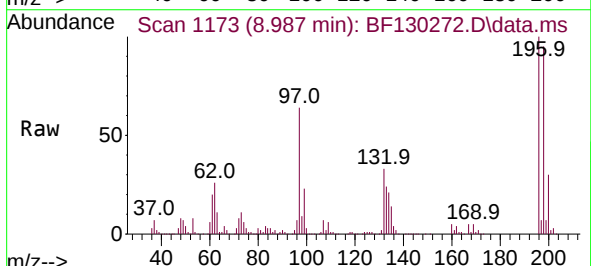
Ion Ratio Lower Upper

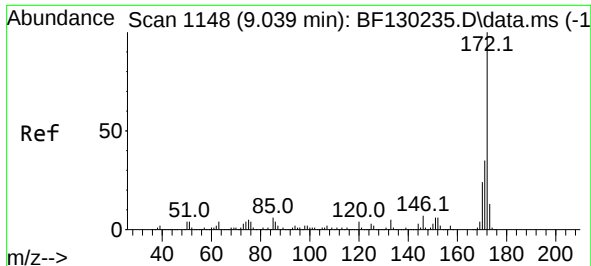
196 100

198 94.6 74.8 112.2

97 64.2 43.7 65.5

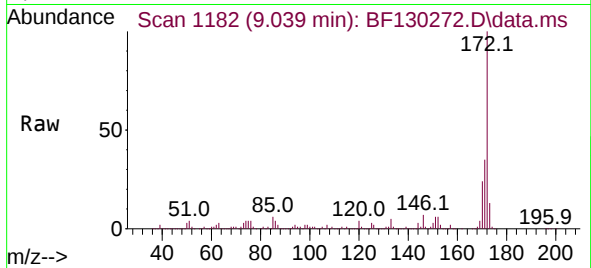
132 33.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.827 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

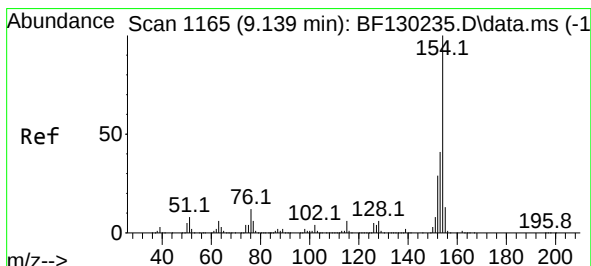
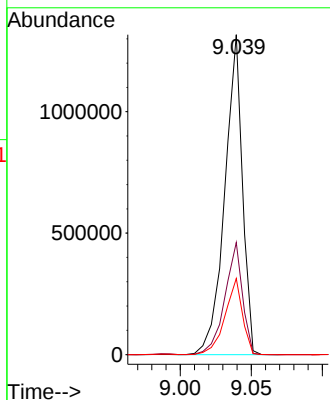
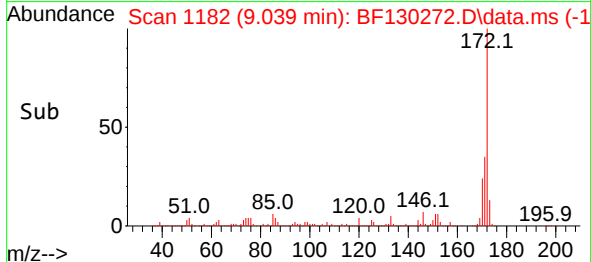
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



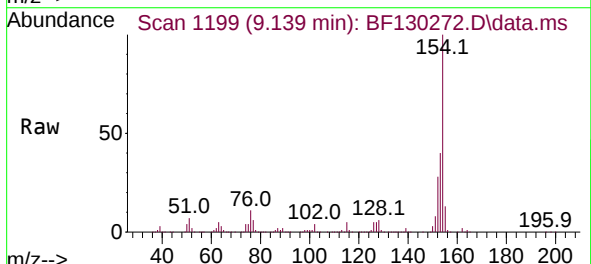
Tgt Ion:172 Resp: 1139590
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.8 18.7 28.1

Manual Integrations
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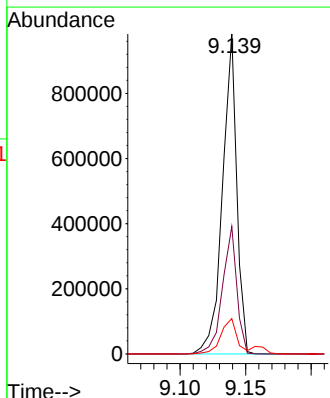
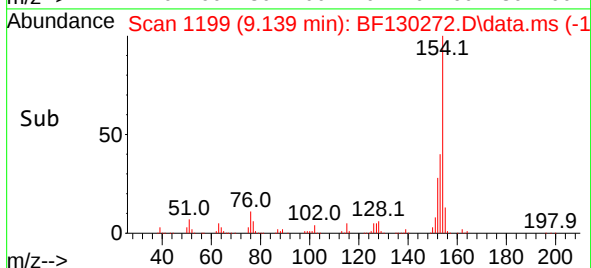
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

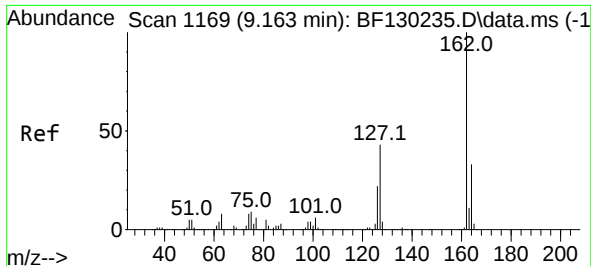


#46
1,1'-Biphenyl
Concen: 48.129 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:154 Resp: 747224
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 11.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.980 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

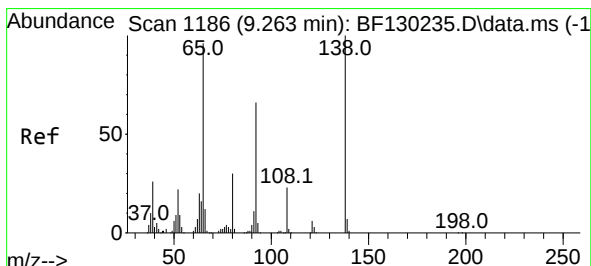
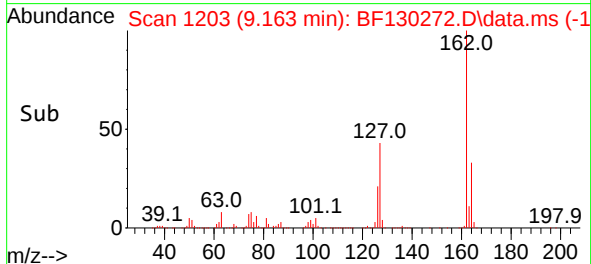
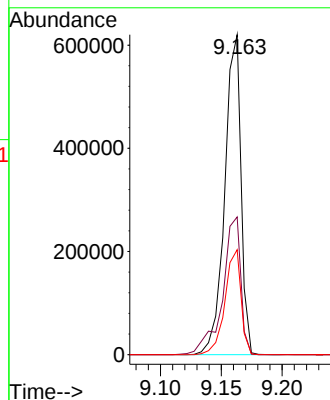
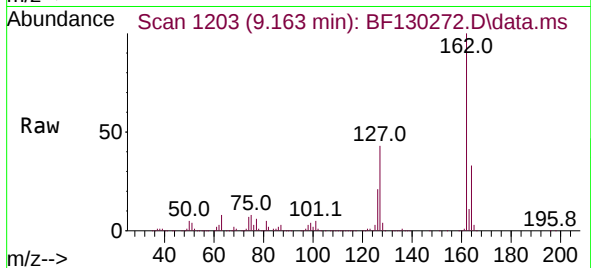
SASP2-T-6-(18-23)MSD

Tgt Ion:162 Resp: 577476
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.9 53.9
 164 32.8 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#48

2-Nitroaniline

Concen: 45.847 ng

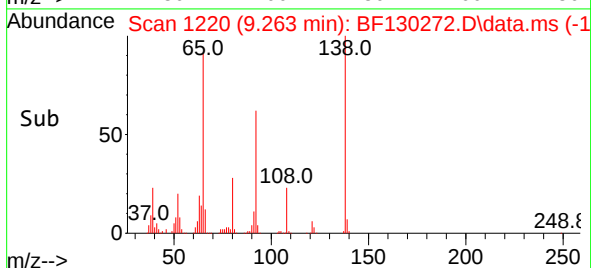
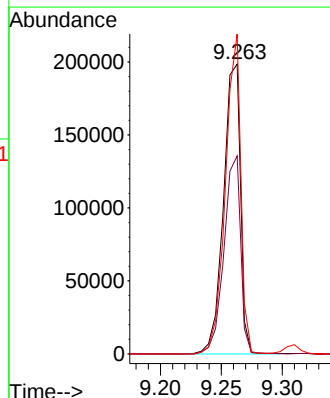
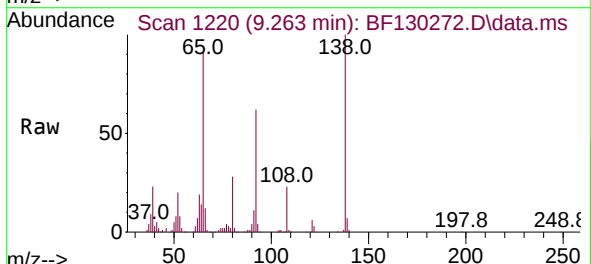
RT: 9.263 min Scan# 1220

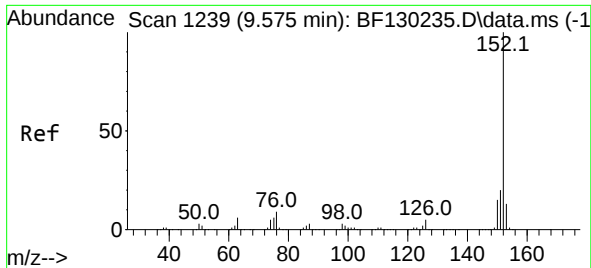
Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

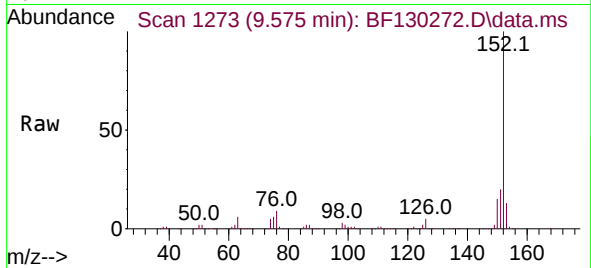
Tgt Ion: 65 Resp: 192048
 Ion Ratio Lower Upper
 65 100
 92 68.3 52.2 78.4
 138 110.4 77.0 115.4





#49
Acenaphthylene
Concen: 45.809 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

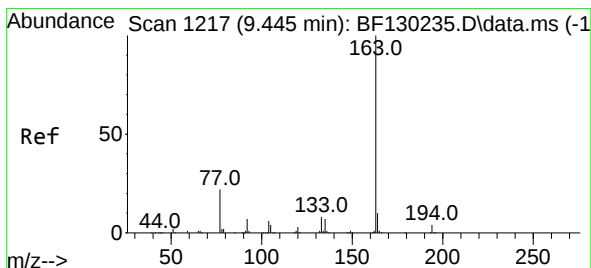
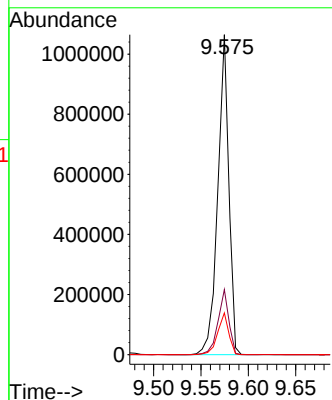
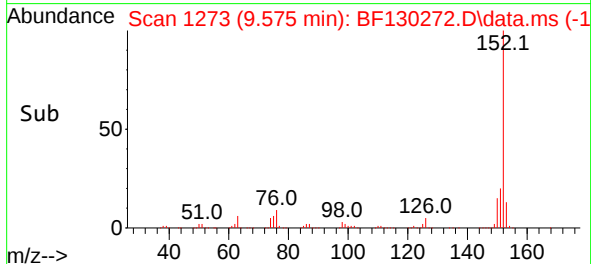
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



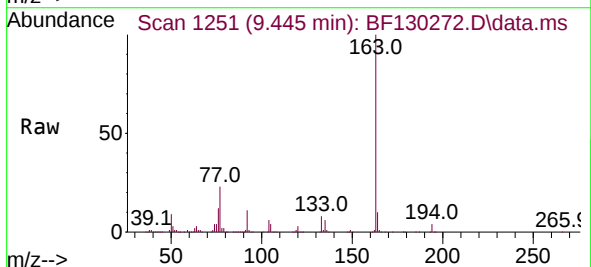
Tgt Ion:152 Resp: 862604
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
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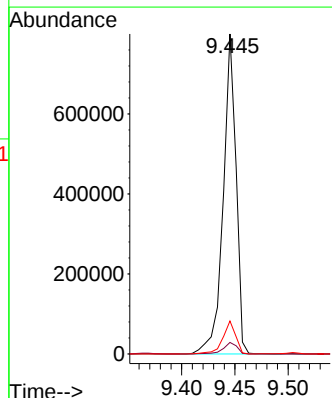
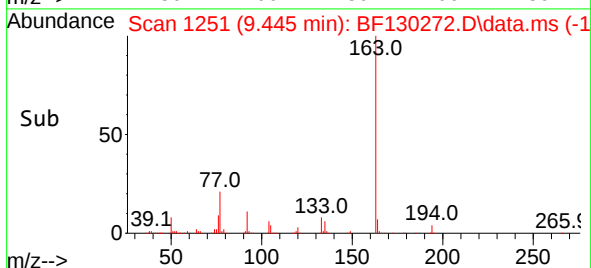
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

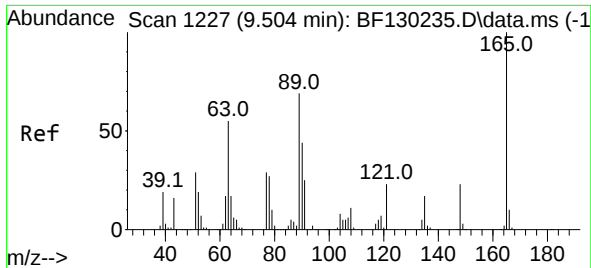


#50
Dimethylphthalate
Concen: 46.767 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



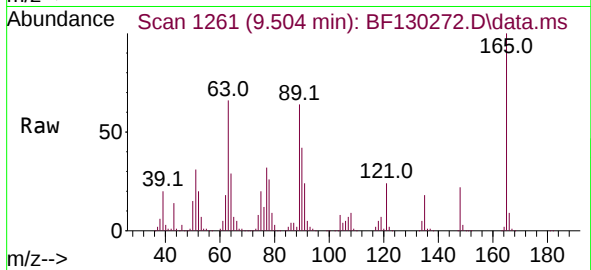
Tgt Ion:163 Resp: 671558
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.705 ng
RT: 9.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

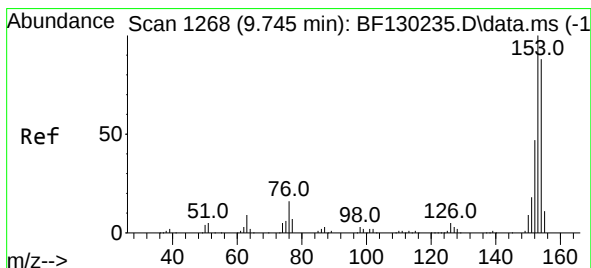
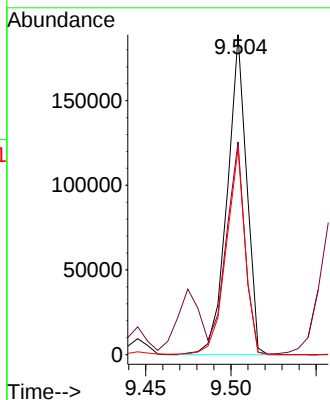
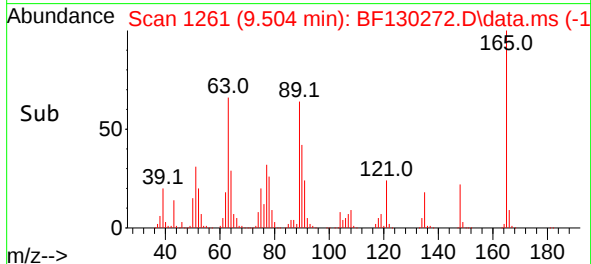
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



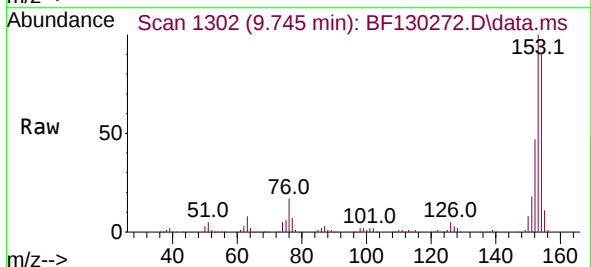
Tgt Ion:165 Resp: 14927
Ion Ratio Lower Upper
165 100
63 66.5 58.8 88.2
89 64.4 54.5 81.7

Manual Integrations
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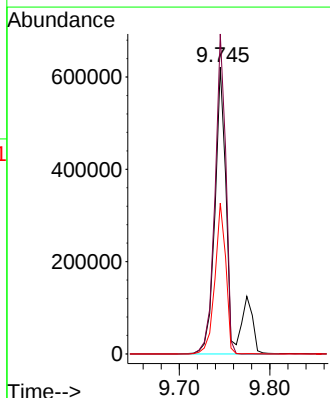
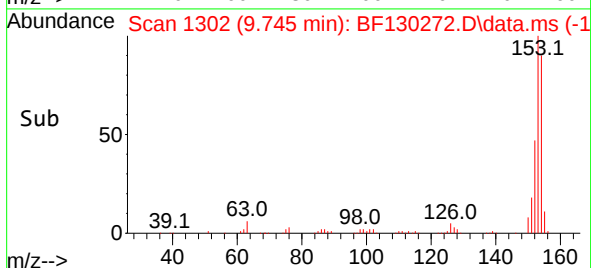
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

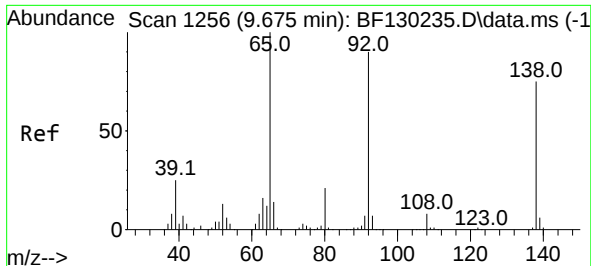


#52
Acenaphthene
Concen: 50.476 ng m
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



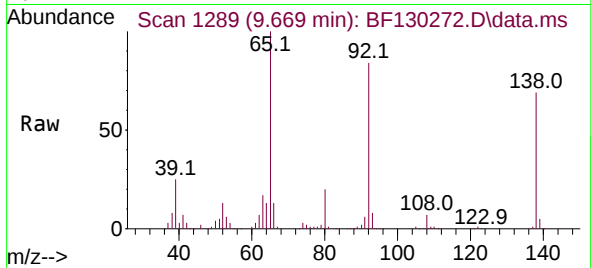
Tgt Ion:154 Resp: 624500
Ion Ratio Lower Upper
154 100
153 111.5 90.6 136.0
152 52.6 43.8 65.6





#53
3-Nitroaniline
Concen: 33.822 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

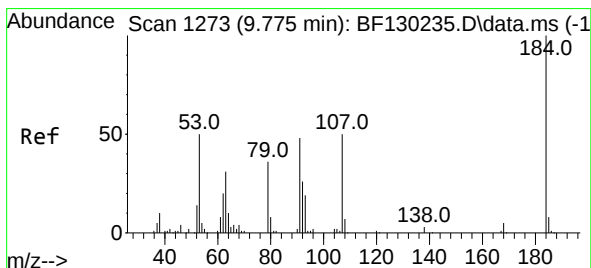
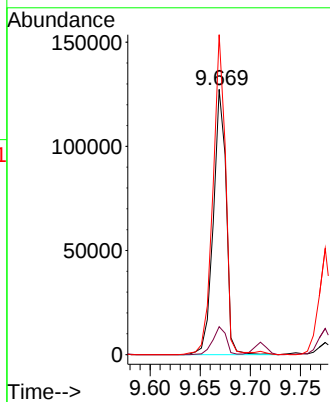
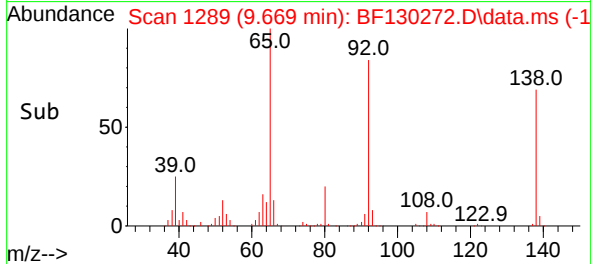
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



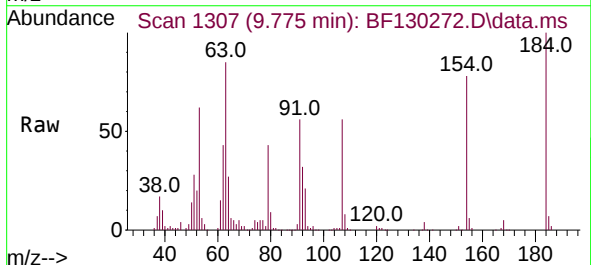
Tgt Ion:138 Resp: 113180
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 120.7 99.2 148.8

Manual Integrations
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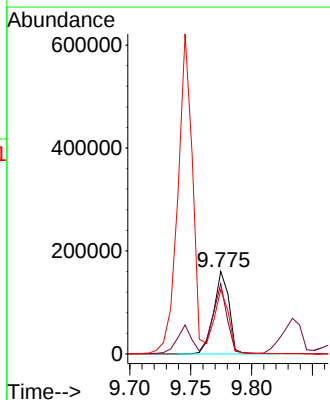
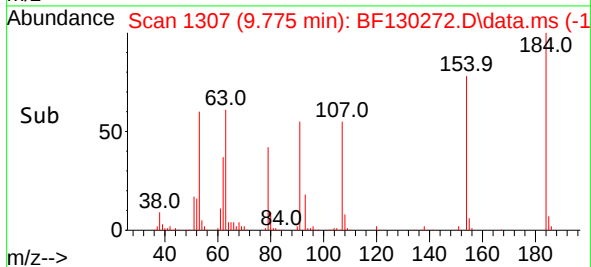
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

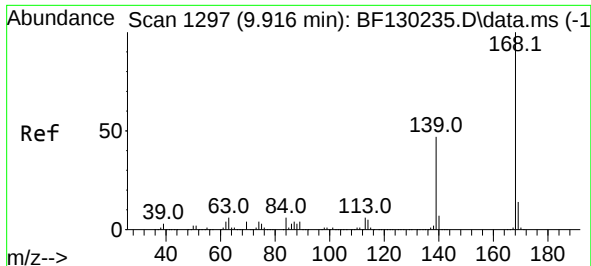


#54
2,4-Dinitrophenol
Concen: 86.090 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



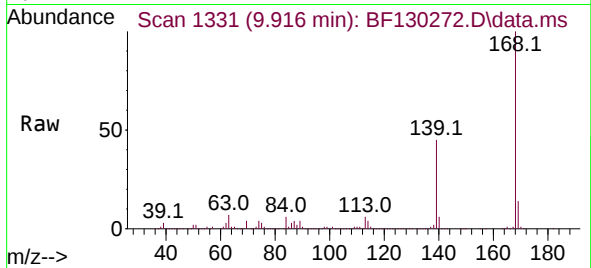
Tgt Ion:184 Resp: 141090
Ion Ratio Lower Upper
184 100
63 85.0 70.0 105.0
154 77.9 63.0 94.6





#55
Dibenzenofuran
Concen: 46.048 ng
RT: 9.916 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

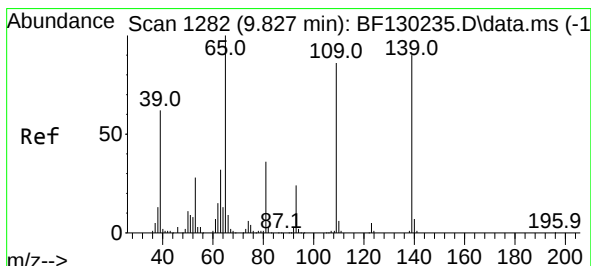
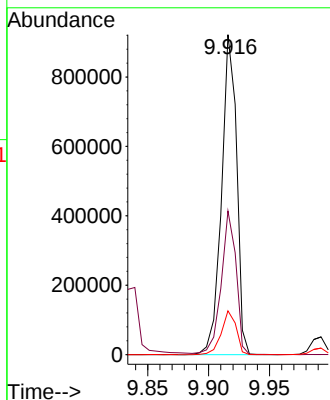
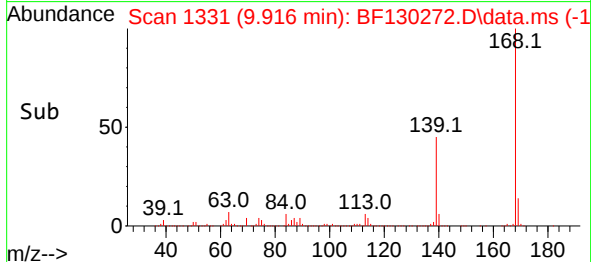
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



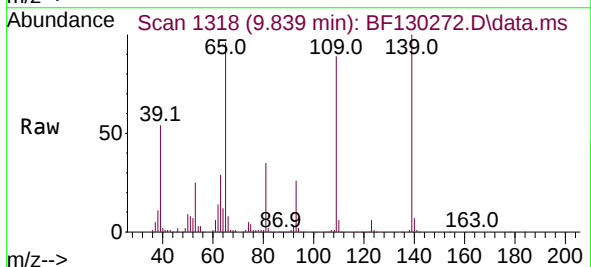
Tgt Ion:168 Resp: 792433
Ion Ratio Lower Upper
168 100
139 44.9 35.0 52.4
169 13.7 10.9 16.3

Manual Integrations
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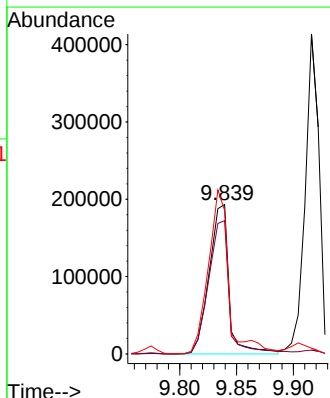
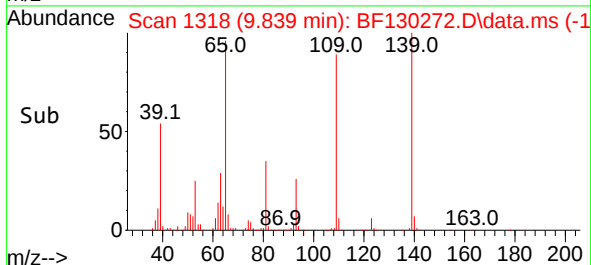
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

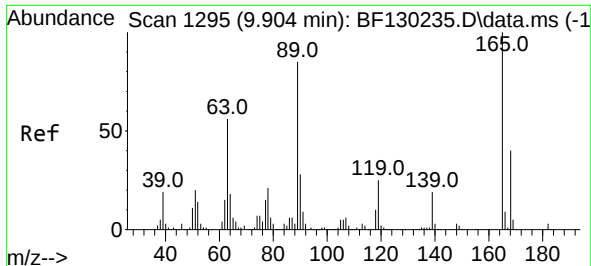


#56
4-Nitrophenol
Concen: 96.792 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



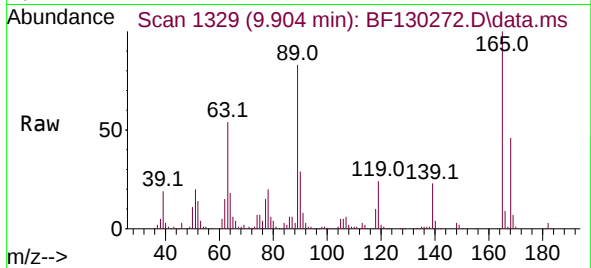
Tgt Ion:139 Resp: 235912
Ion Ratio Lower Upper
139 100
109 89.2 72.2 112.2
65 96.0 97.7 137.7#





#57
2,4-Dinitrotoluene
Concen: 51.574 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

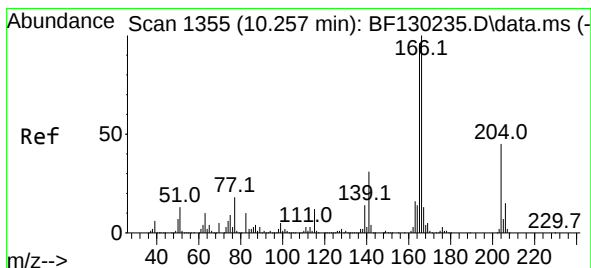
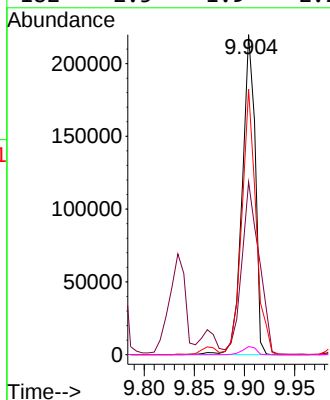
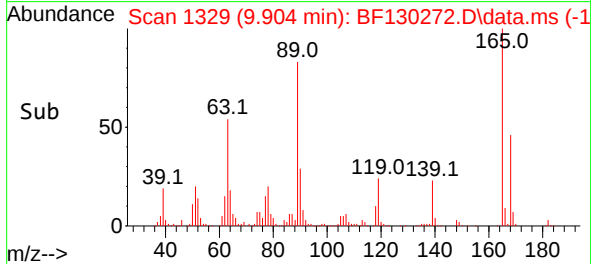
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



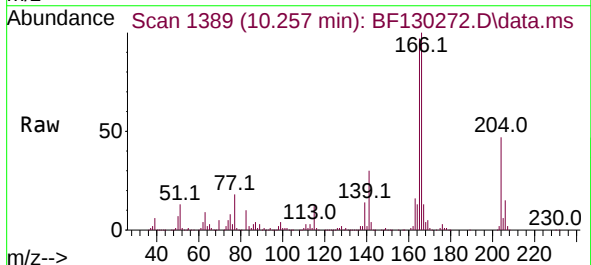
Tgt Ion:165 Resp: 197944
Ion Ratio Lower Upper
165 100
63 54.0 44.7 67.1
89 83.0 69.0 103.4
182 2.5 1.9 2.9

Manual Integrations
APPROVED

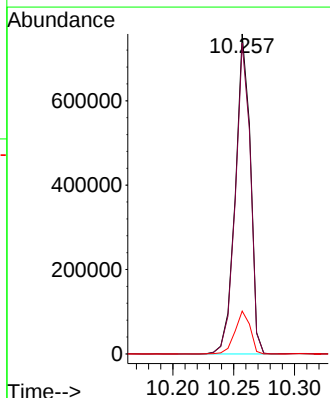
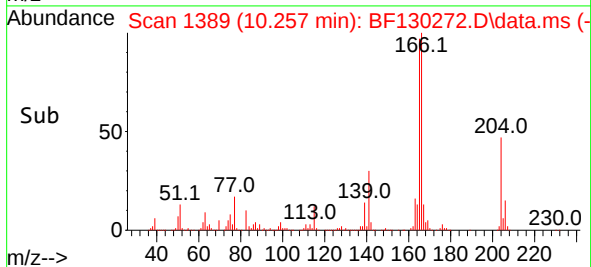
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

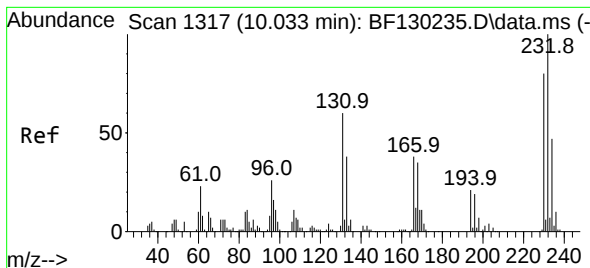


#58
Fluorene
Concen: 46.294 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



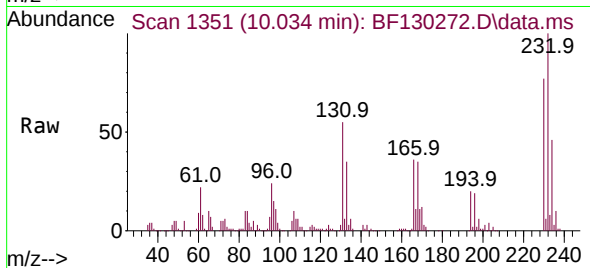
Tgt Ion:166 Resp: 651539
Ion Ratio Lower Upper
166 100
165 97.1 78.8 118.2
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.731 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

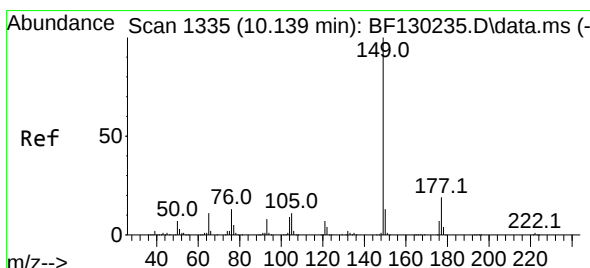
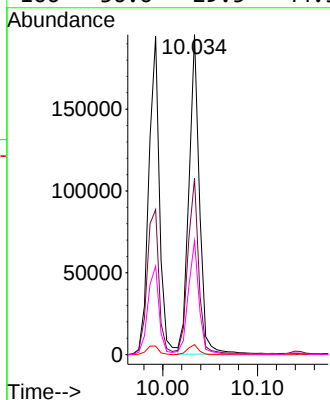
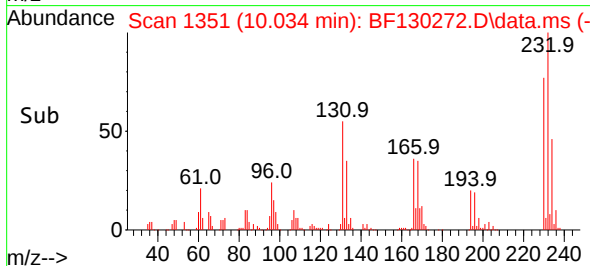
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



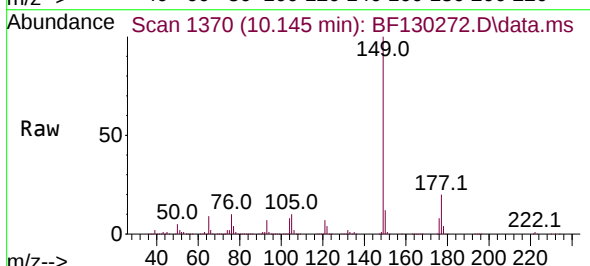
Tgt Ion:232 Resp: 149589
Ion Ratio Lower Upper
232 100
131 57.5 46.4 69.6
130 3.2 2.3 3.5
166 36.6 29.5 44.3

Manual Integrations
APPROVED

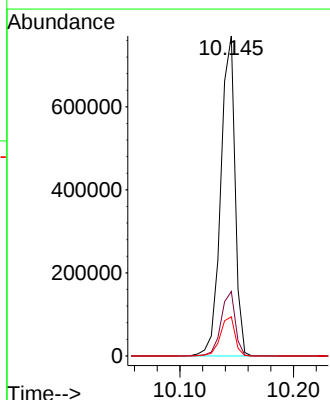
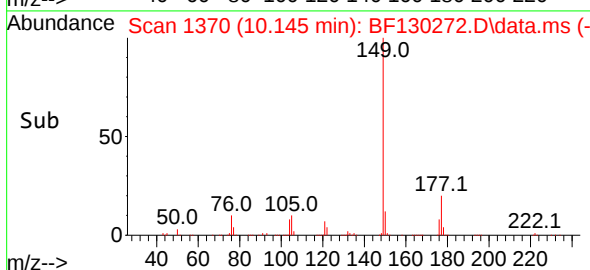
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

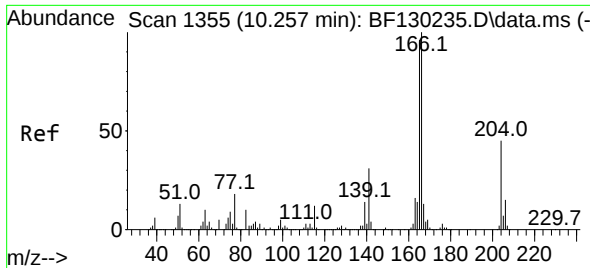


#60
Diethylphthalate
Concen: 46.591 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



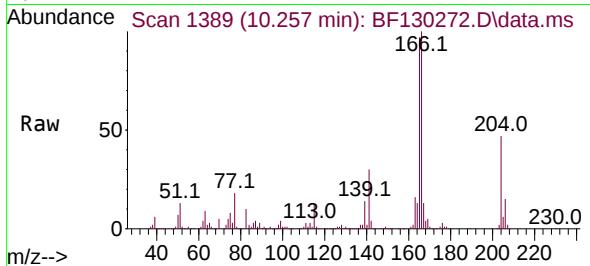
Tgt Ion:149 Resp: 670903
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.187 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

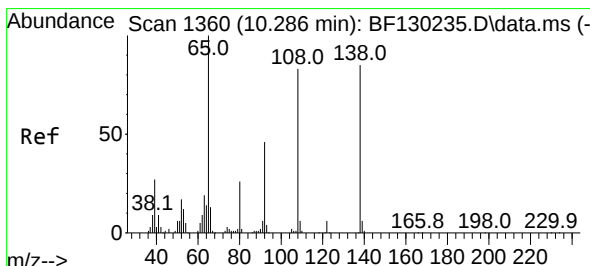
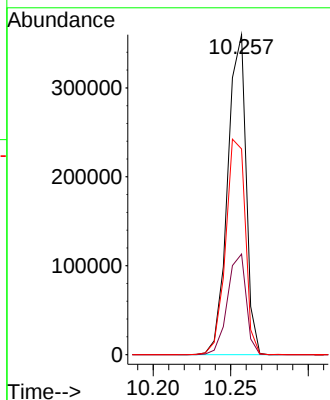
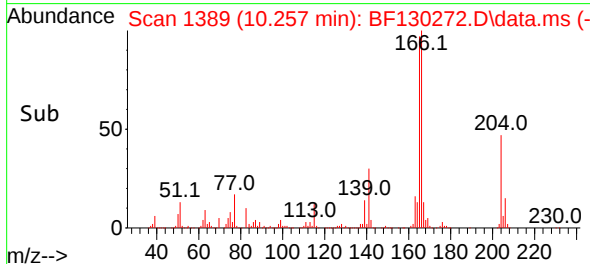
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



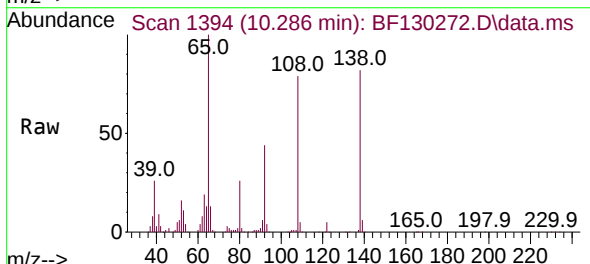
Tgt Ion:204 Resp: 297501
Ion Ratio Lower Upper
204 100
206 31.4 26.6 39.8
141 64.3 57.1 85.7

Manual Integrations
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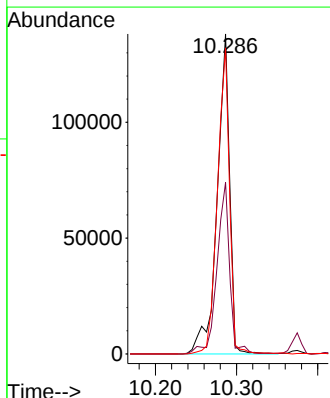
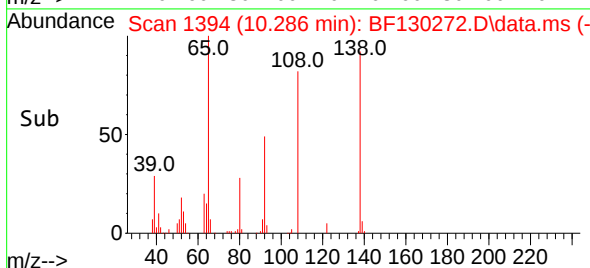
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

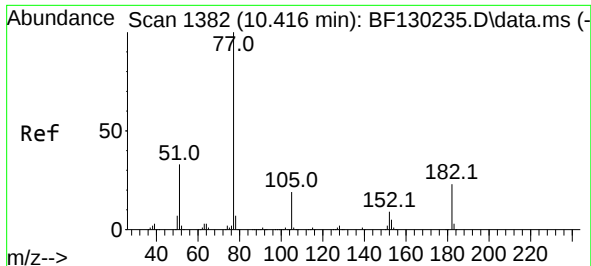


#62
4-Nitroaniline
Concen: 43.834 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:138 Resp: 147355
Ion Ratio Lower Upper
138 100
92 53.6 36.7 76.7
108 95.6 78.2 118.2





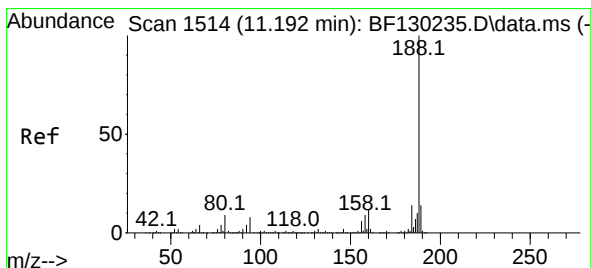
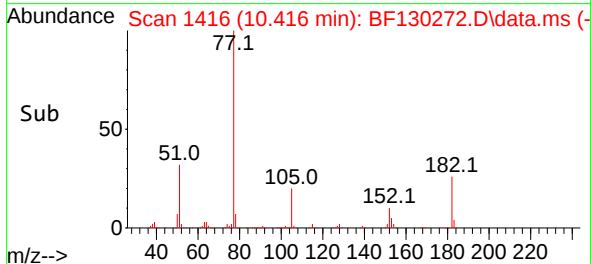
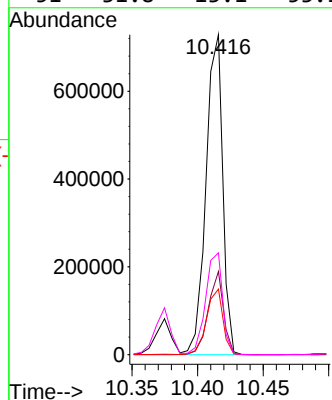
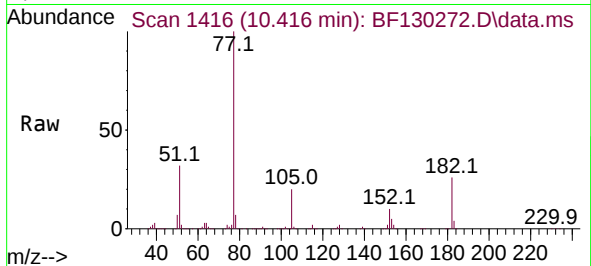
#63
Azobenzene
Concen: 43.636 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD

Tgt Ion: 77 Resp: 647022
Ion Ratio Lower Upper
77 100
182 26.0 2.1 42.1
105 20.5 0.0 39.4
51 31.8 13.1 53.1

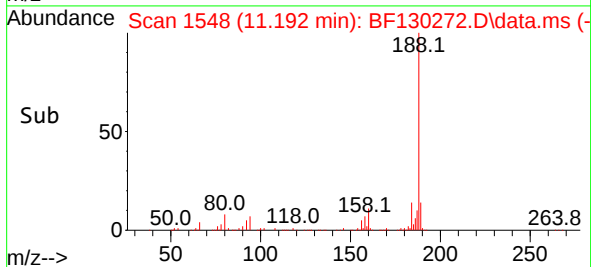
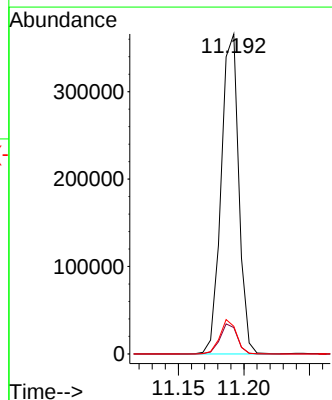
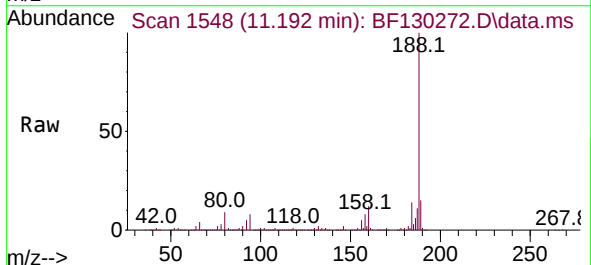
Manual Integrations
APPROVED

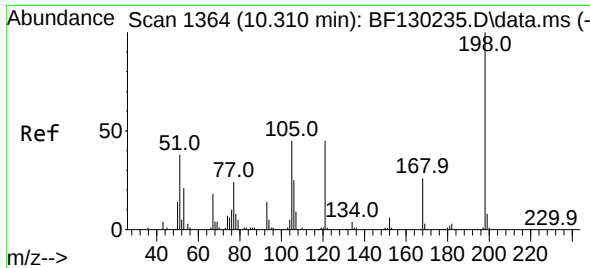
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Tgt Ion:188 Resp: 343193
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.6 7.9 11.9





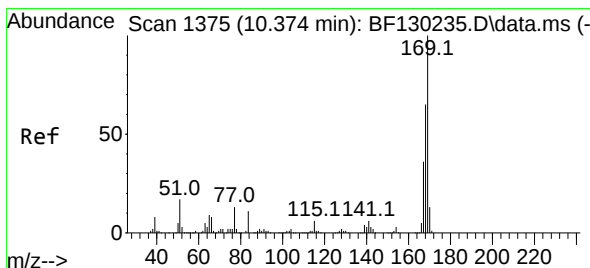
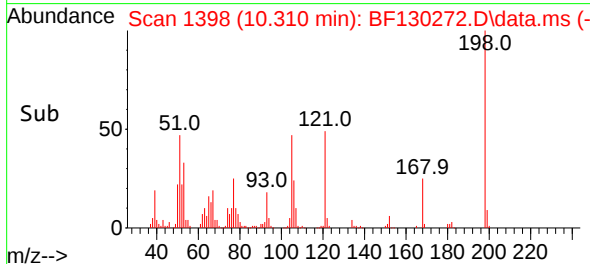
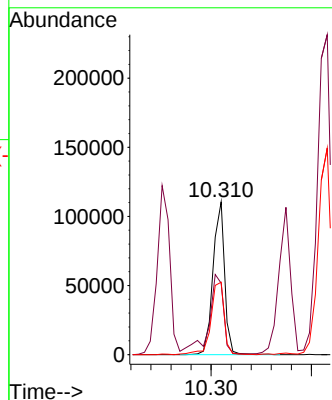
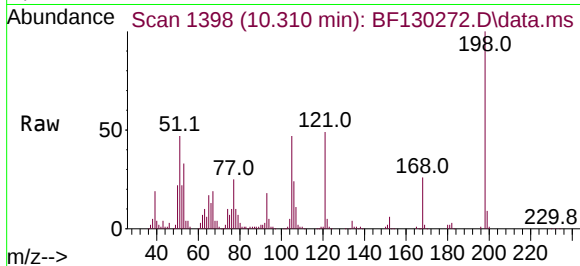
#65
4,6-Dinitro-2-methylphenol
Concen: 46.318 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD

Tgt Ion:198 Resp: 88488
Ion Ratio Lower Upper
198 100
51 46.8 36.9 76.9
105 47.4 33.0 73.0

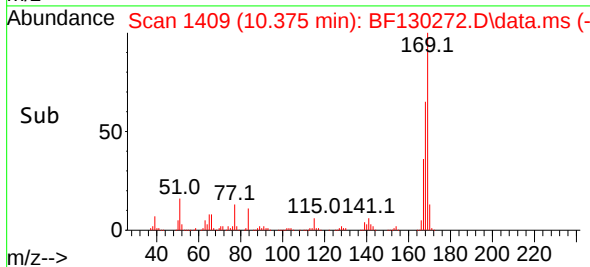
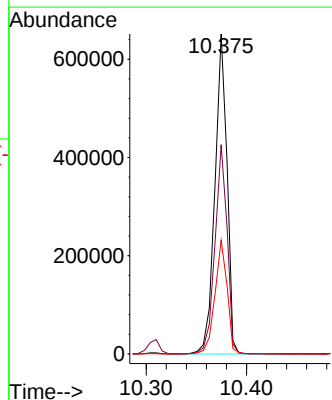
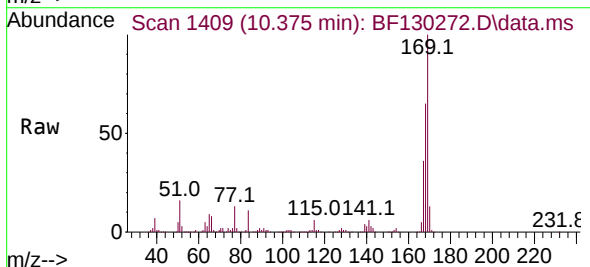
Manual Integrations
APPROVED

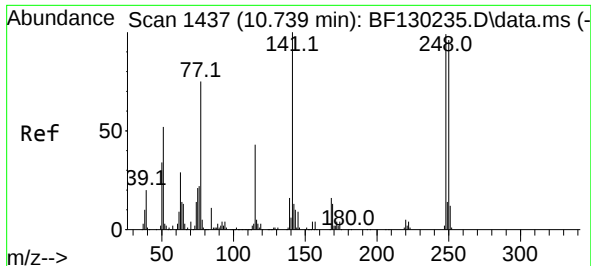
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#66
n-Nitrosodiphenylamine
Concen: 47.520 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

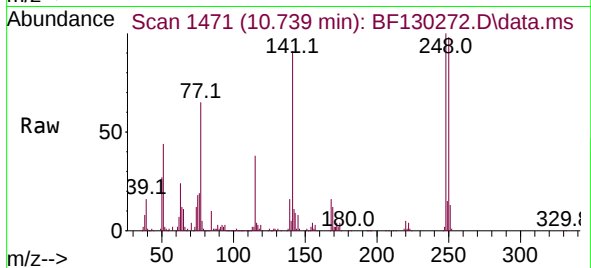
Tgt Ion:169 Resp: 544979
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.171 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

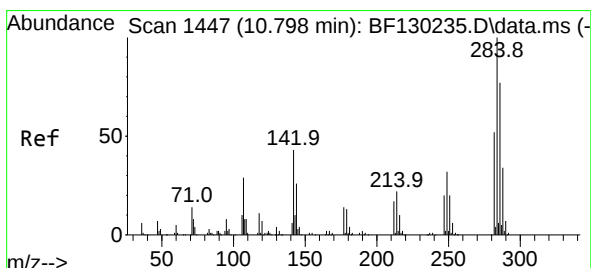
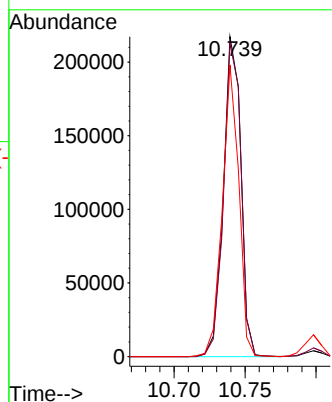
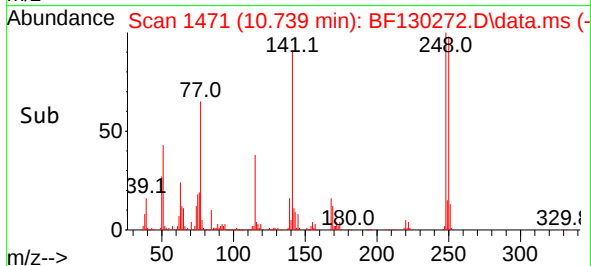
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



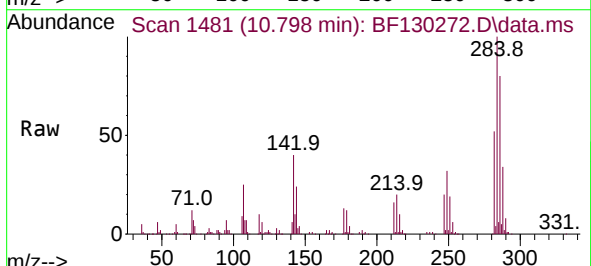
Tgt Ion:248 Resp: 186160
Ion Ratio Lower Upper
248 100
250 97.9 80.0 120.0
141 91.2 68.5 102.7

Manual Integrations
APPROVED

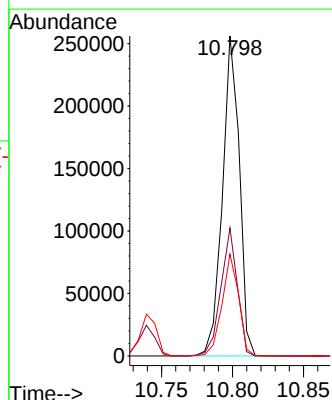
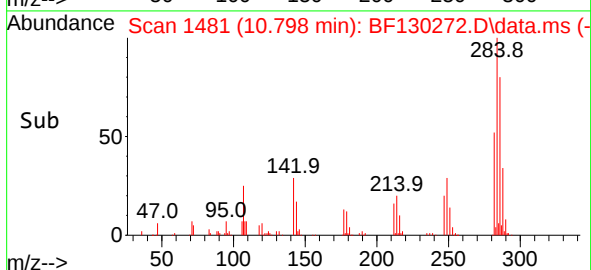
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

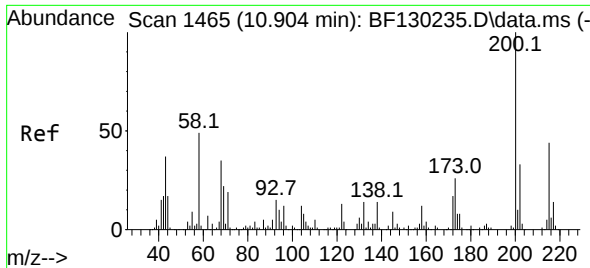


#68
Hexachlorobenzene
Concen: 49.518 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



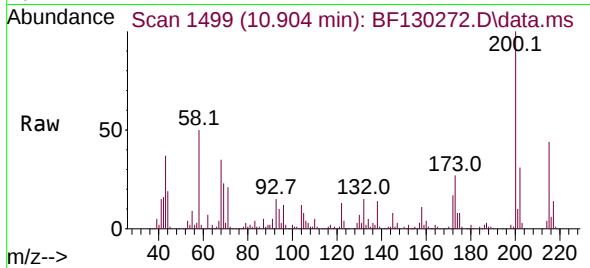
Tgt Ion:284 Resp: 212514
Ion Ratio Lower Upper
284 100
142 39.9 27.2 40.8
249 31.8 23.8 35.8





#69
Atrazine
Concen: 53.709 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

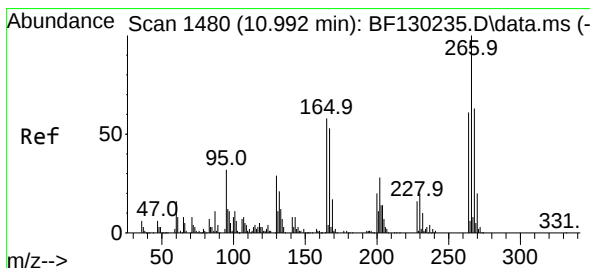
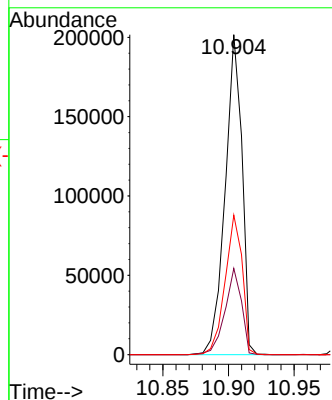
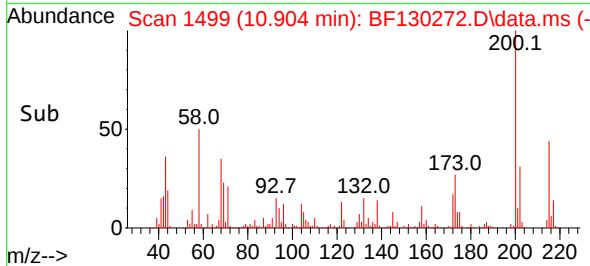
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



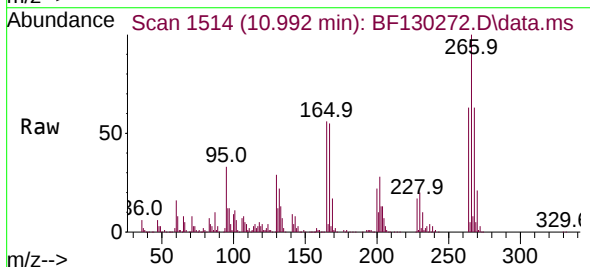
Tgt Ion:200 Resp: 180005
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 43.6 22.5 62.5

Manual Integrations
APPROVED

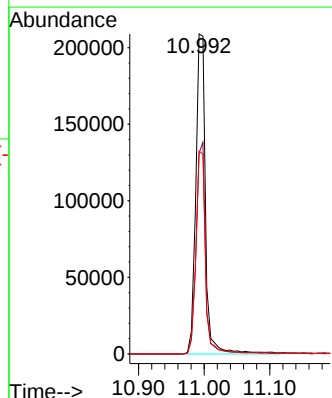
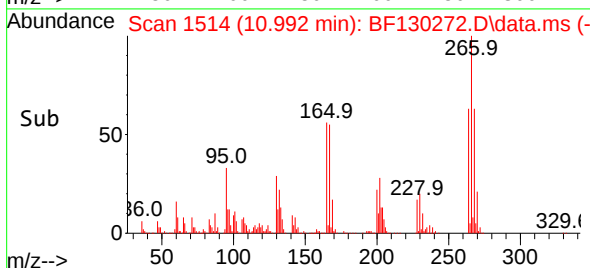
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

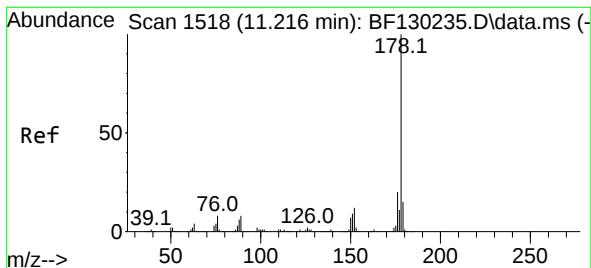


#70
Pentachlorophenol
Concen: 93.593 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:266 Resp: 215570
Ion Ratio Lower Upper
266 100
268 62.8 50.5 75.7
264 63.4 50.5 75.7





#71

Phenanthrene

Concen: 45.381 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

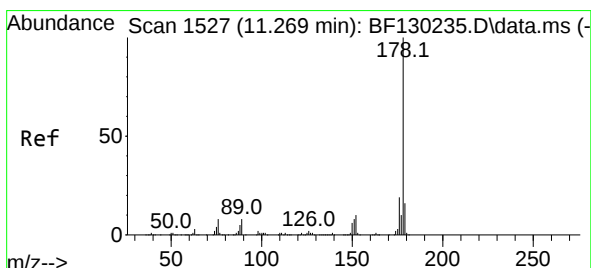
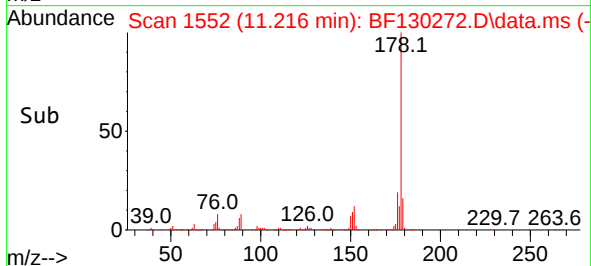
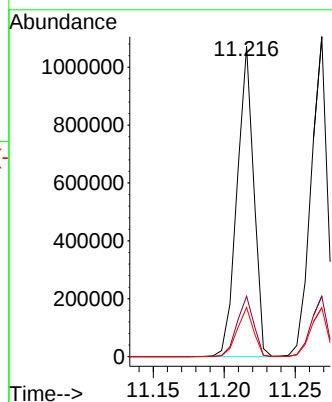
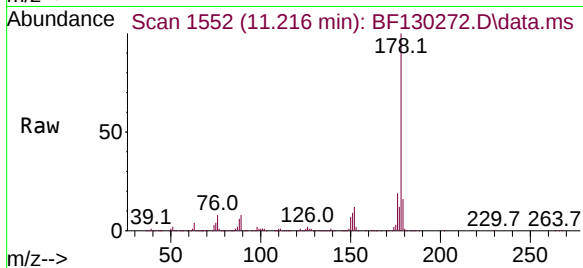
ClientSampleId :

SASP2-T-6-(18-23)MSD

Tgt Ion:178 Resp: 874423
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 15.9 12.4 18.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#72

Anthracene

Concen: 47.639 ng

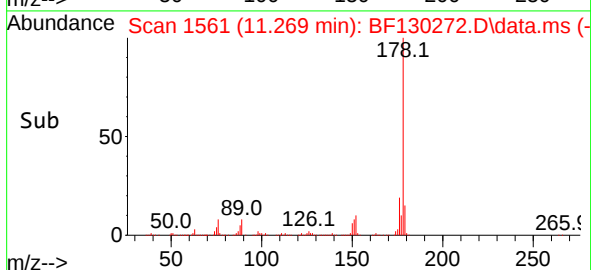
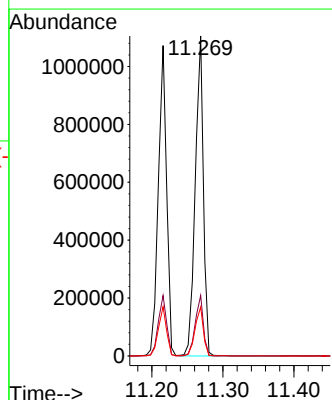
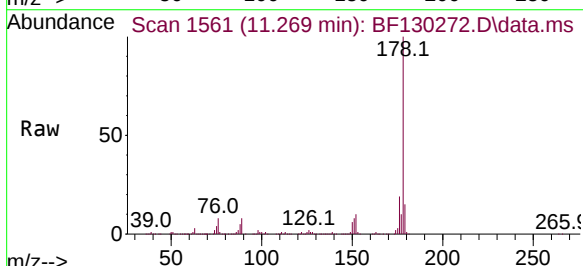
RT: 11.269 min Scan# 1561

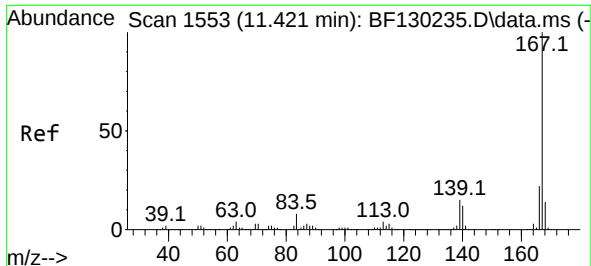
Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

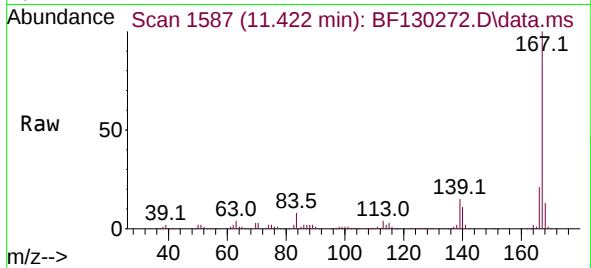
Tgt Ion:178 Resp: 885805
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.3 12.7 19.1





#73
 Carbazole
 Concen: 46.292 ng
 RT: 11.422 min Scan# 1553
 Delta R.T. 0.000 min
 Lab File: BF130272.D
 Acq: 15 Sep 2022 15:38

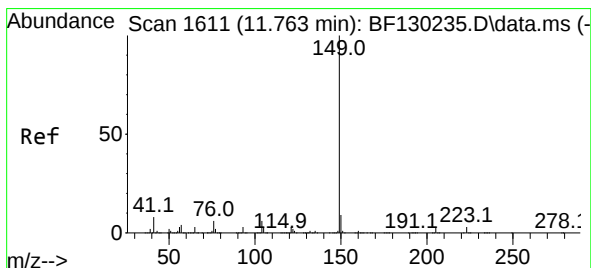
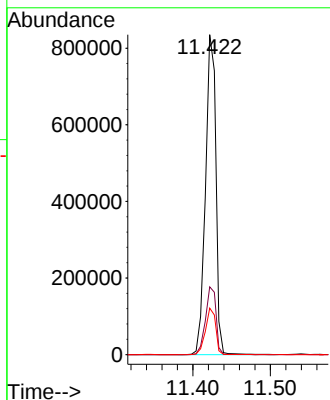
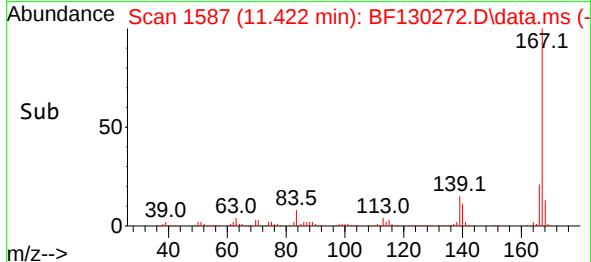
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(18-23)MSD



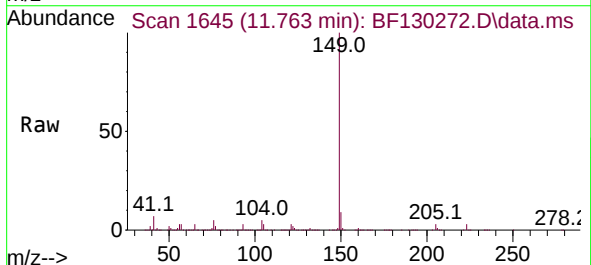
Tgt Ion:167 Resp: 776826
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 14.5 11.6 17.4

Manual Integrations
 APPROVED

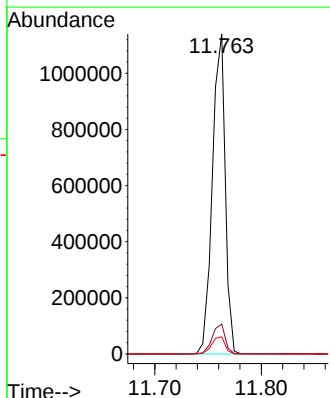
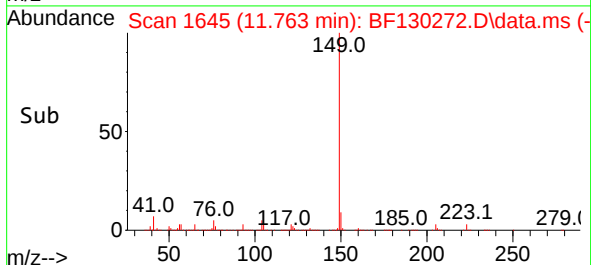
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

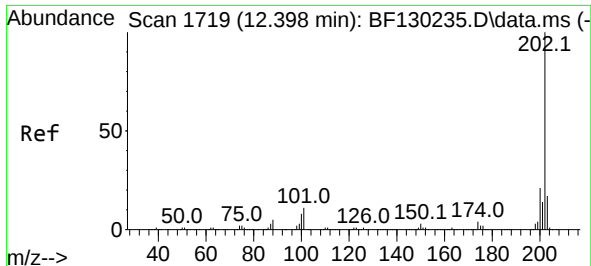


#74
 Di-n-butylphthalate
 Concen: 47.251 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130272.D
 Acq: 15 Sep 2022 15:38



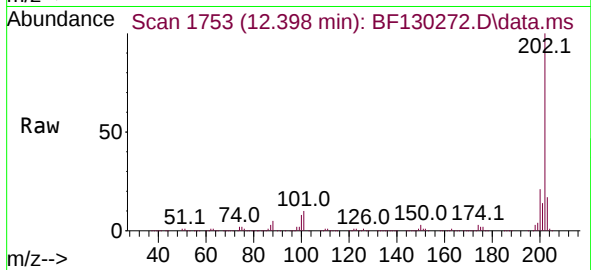
Tgt Ion:149 Resp: 956178
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.8 7.2





#75
Fluoranthene
Concen: 42.785 ng
RT: 12.398 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

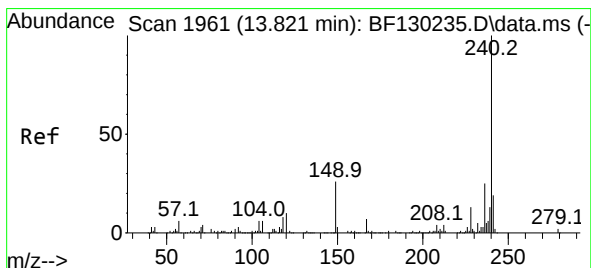
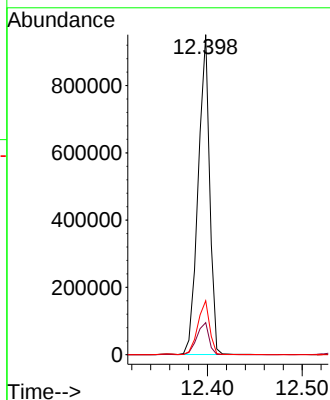
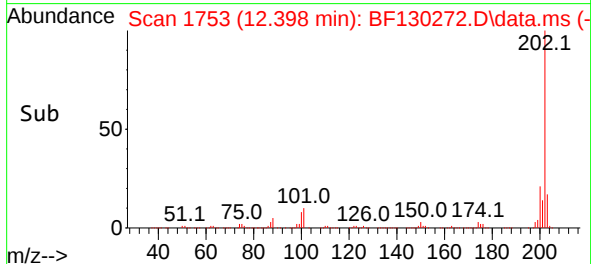
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



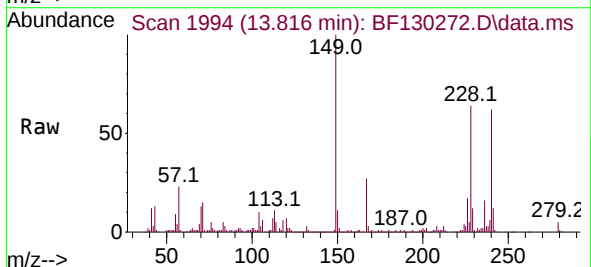
Tgt Ion:202 Resp: 796613
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.8
203 16.8 0.0 37.8

Manual Integrations
APPROVED

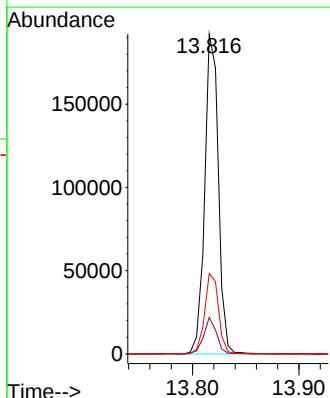
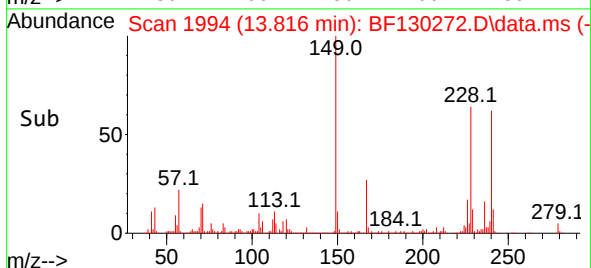
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

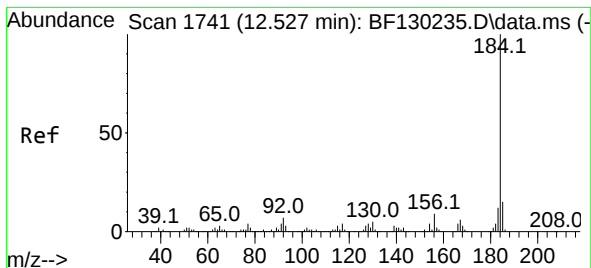


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:240 Resp: 170337
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.1 20.9 31.3





#77

Benzidine

Concen: 71.667 ng

RT: 12.527 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BF130272.D

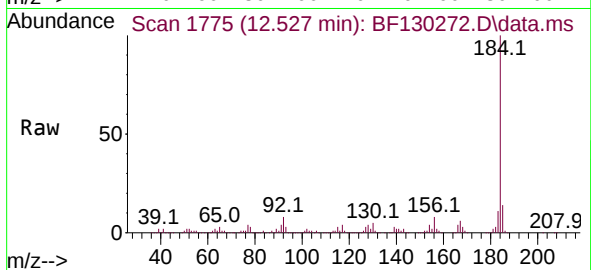
Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD



Tgt Ion:184 Resp: 354374

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

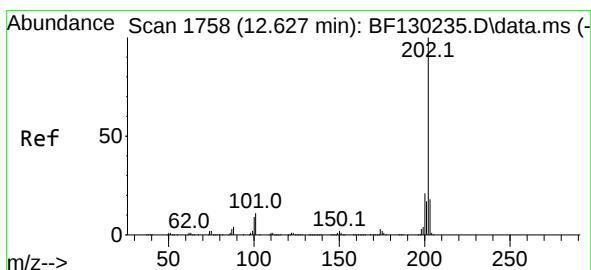
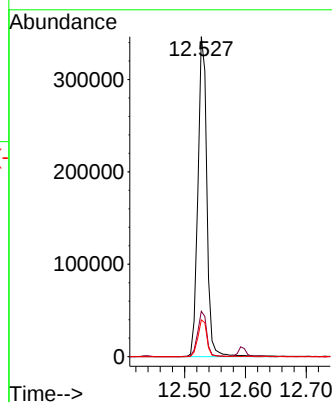
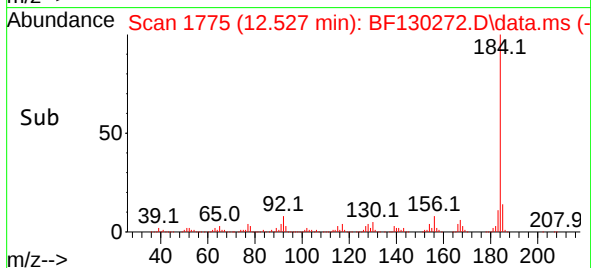
183 11.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#78

Pyrene

Concen: 52.051 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

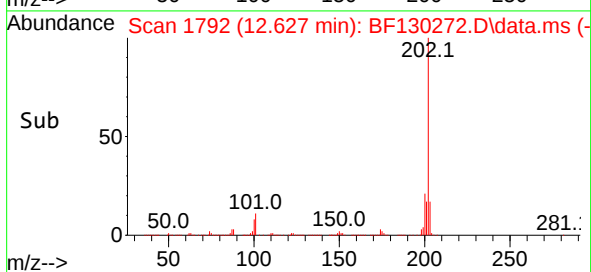
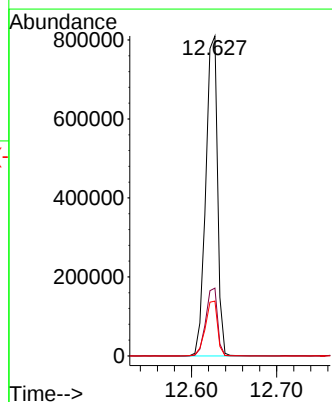
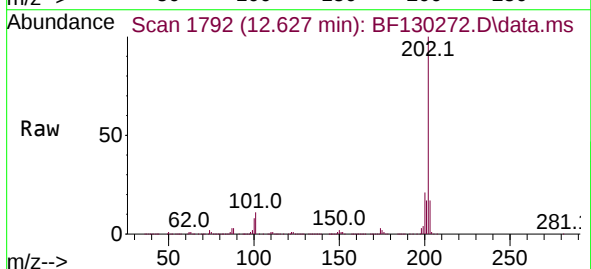
Tgt Ion:202 Resp: 775615

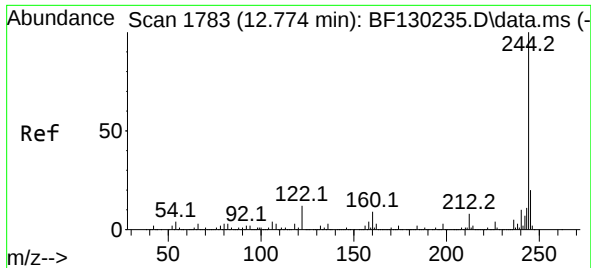
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

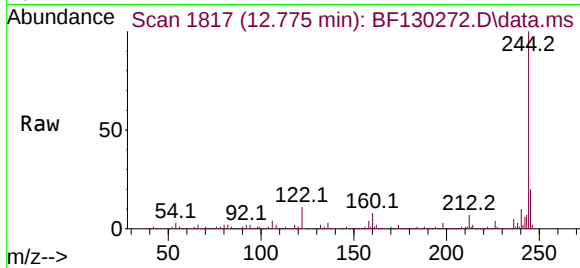
203 17.2 14.3 21.5





#79
Terphenyl-d14
Concen: 94.464 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

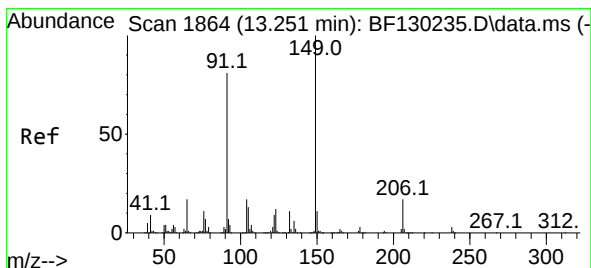
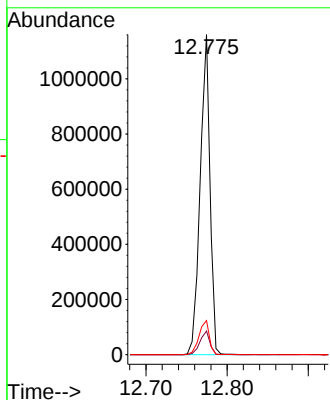
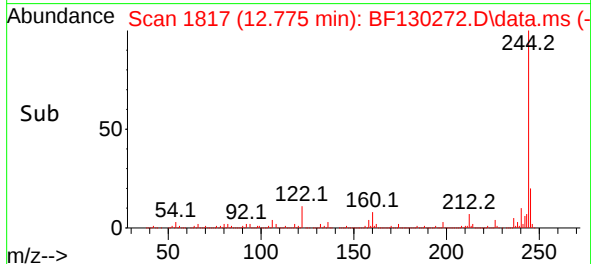
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



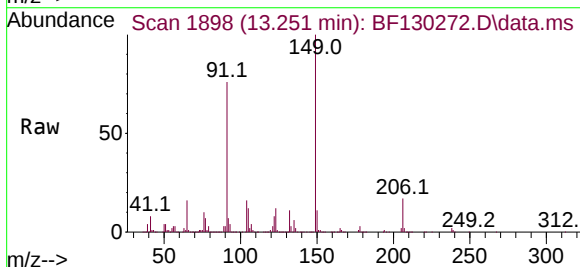
Tgt Ion:244 Resp: 971369
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.6 8.5 12.7

Manual Integrations
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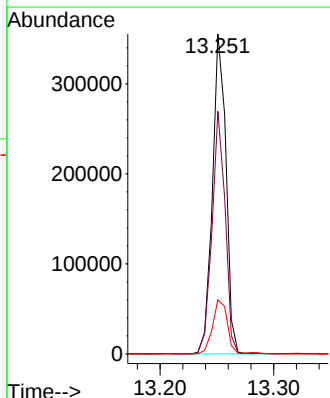
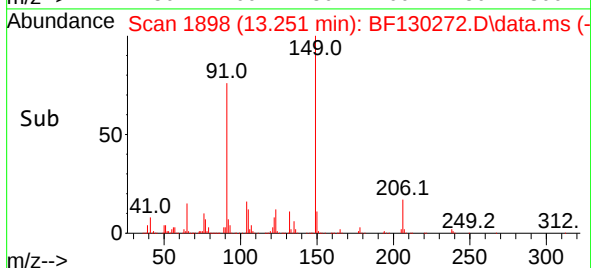
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

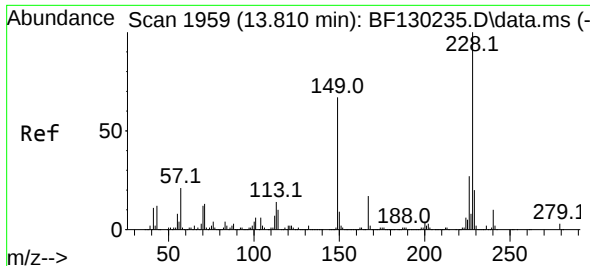


#80
Butylbenzylphthalate
Concen: 53.449 ng
RT: 13.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



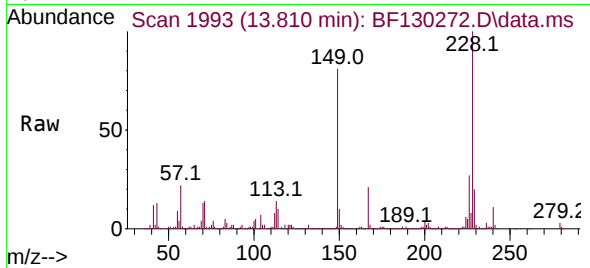
Tgt Ion:149 Resp: 295055
Ion Ratio Lower Upper
149 100
91 75.8 59.8 89.8
206 17.0 13.9 20.9





#81
Benzo(a)anthracene
Concen: 46.392 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

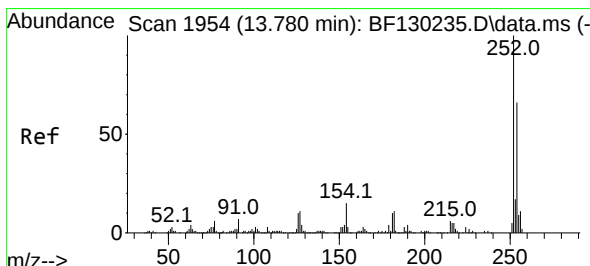
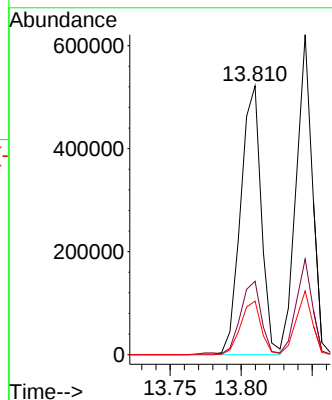
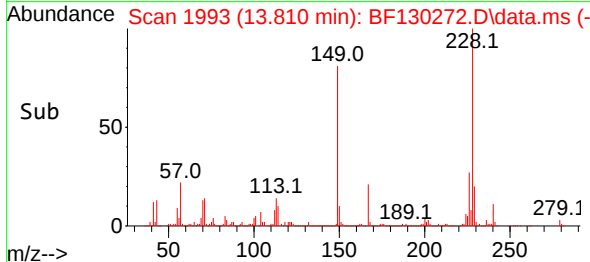
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



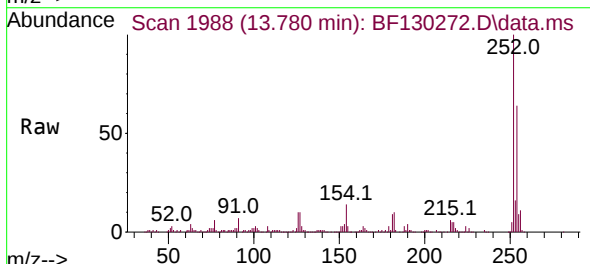
Tgt Ion:228 Resp: 525699
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.9 16.1 24.1

Manual Integrations
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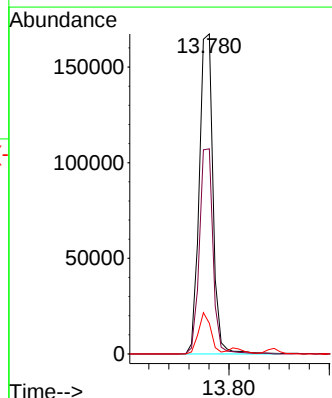
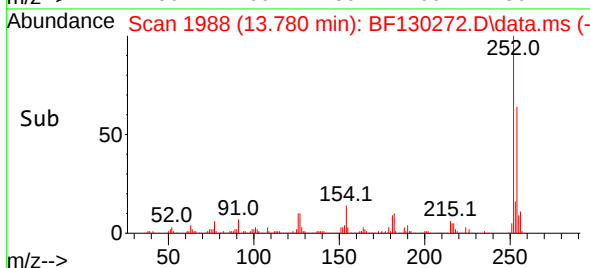
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

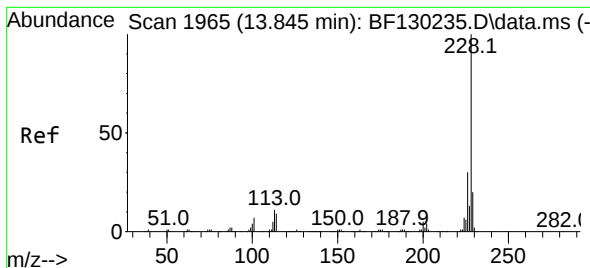


#82
3,3'-Dichlorobenzidine
Concen: 51.323 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:252 Resp: 158310
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 9.6 10.4 15.6#





#83

Chrysene

Concen: 45.836 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD

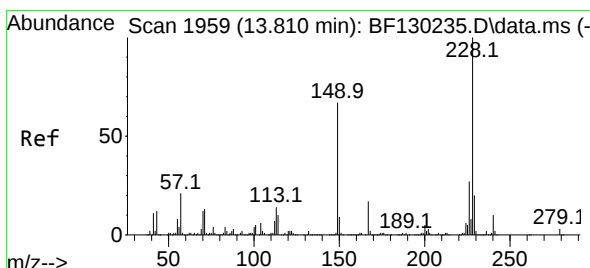
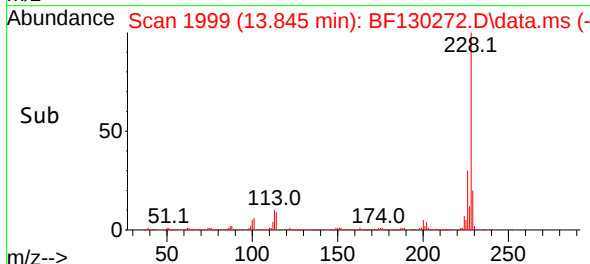
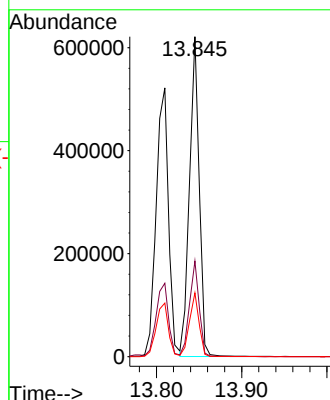
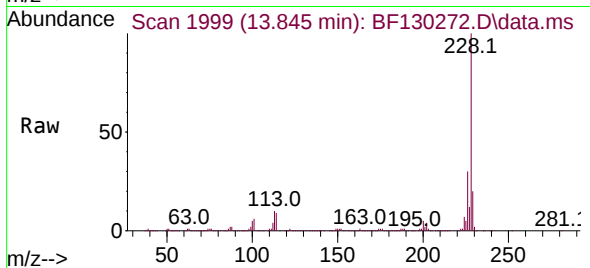
Tgt Ion:	228	Resp:	493164
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	19.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.035 ng

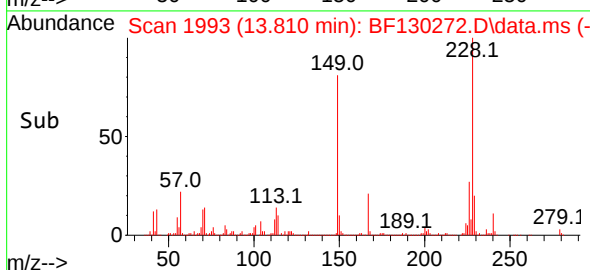
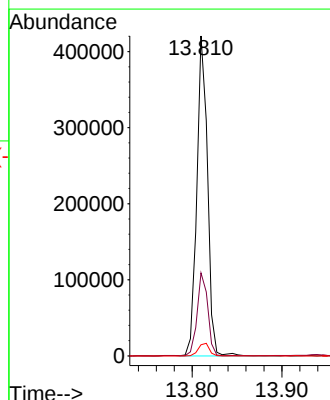
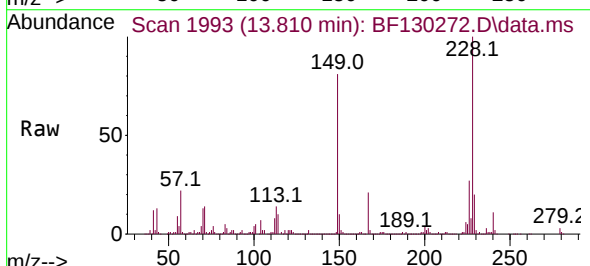
RT: 13.810 min Scan# 1993

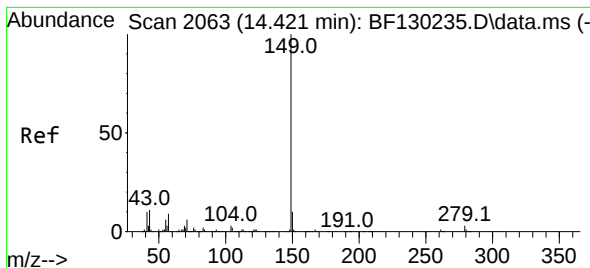
Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Tgt Ion:	149	Resp:	347992
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.5	30.7
279	3.5	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 50.124 ng

RT: 14.421 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(18-23)MSD

Tgt Ion:149 Resp: 484766

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

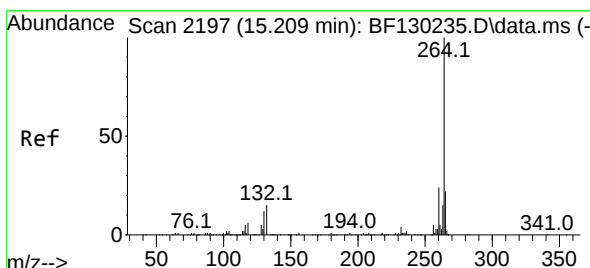
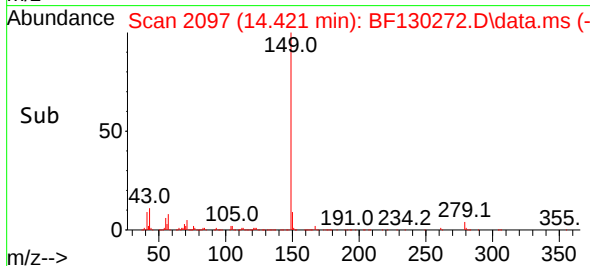
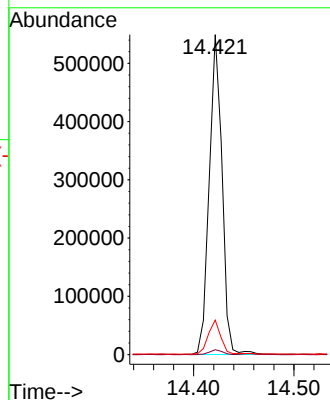
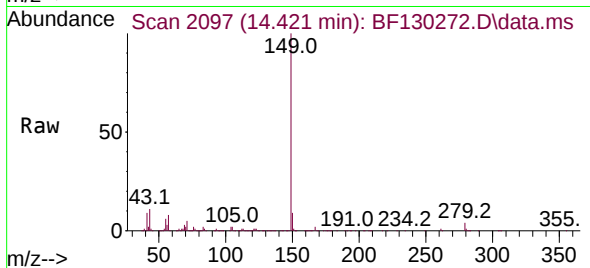
43 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.210 min Scan# 2231

Delta R.T. 0.000 min

Lab File: BF130272.D

Acq: 15 Sep 2022 15:38

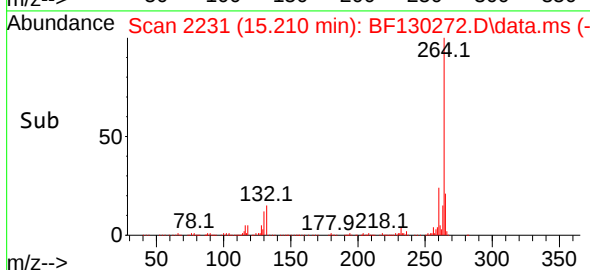
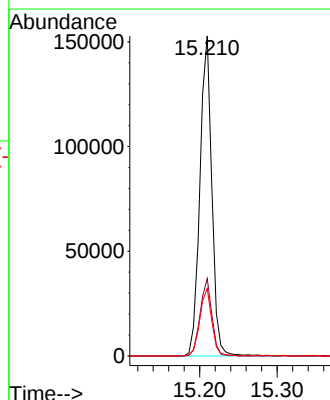
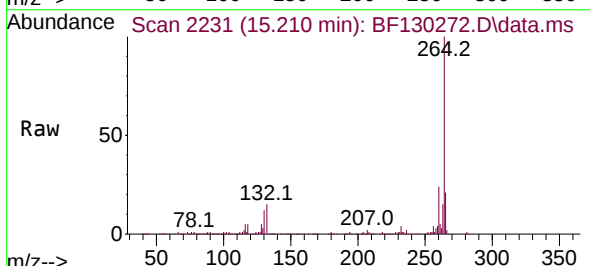
Tgt Ion:264 Resp: 163081

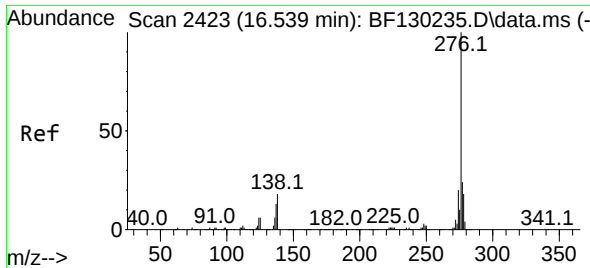
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

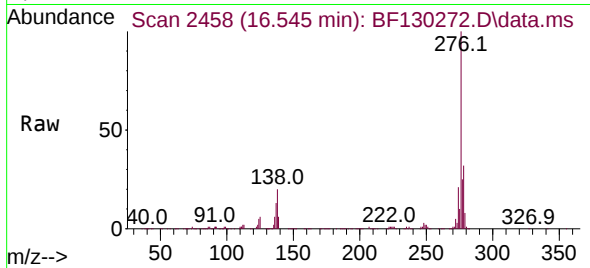
265 21.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.350 ng
RT: 16.545 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

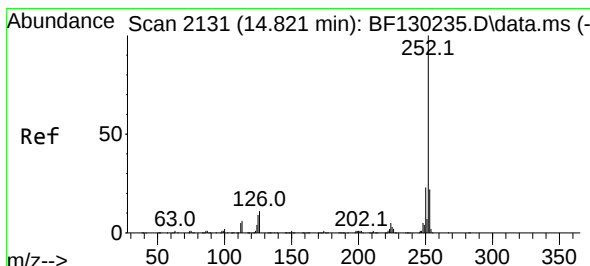
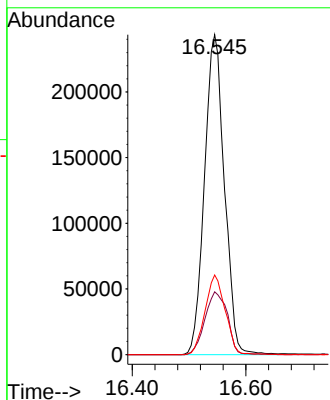
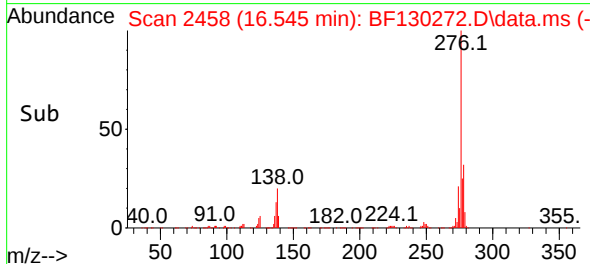
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion: 276 Resp: 59385
Ion Ratio Lower Upper
276 100
138 22.1 18.5 27.7
277 25.1 20.2 30.4

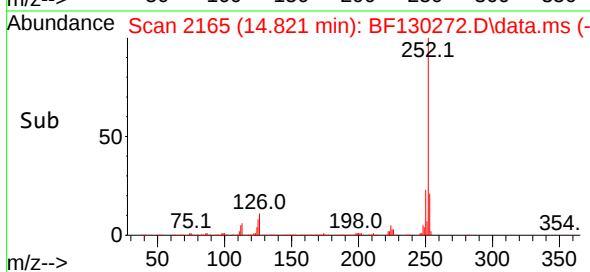
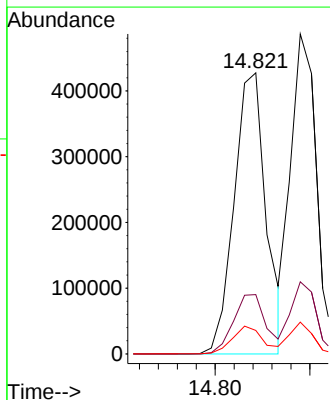
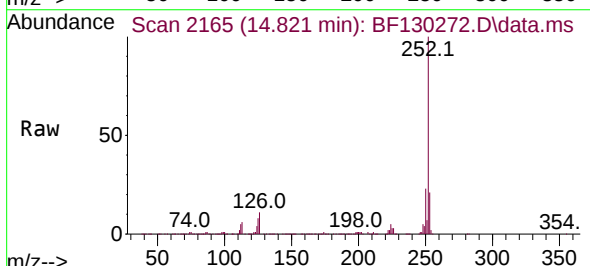
Manual Integrations
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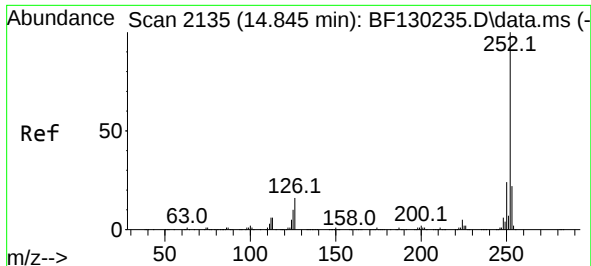
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022



#88
Benzo(b)fluoranthene
Concen: 47.156 ng
RT: 14.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

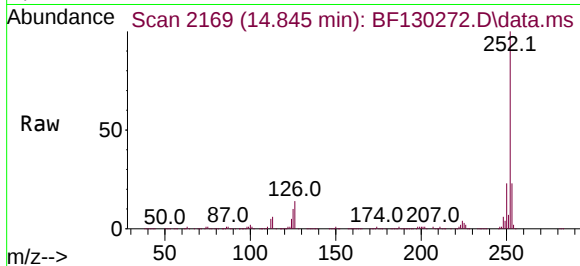
Tgt Ion: 252 Resp: 501936
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 8.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.105 ng
RT: 14.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

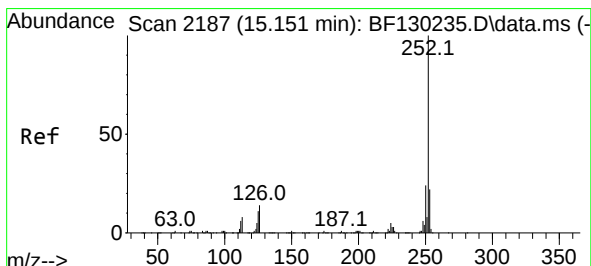
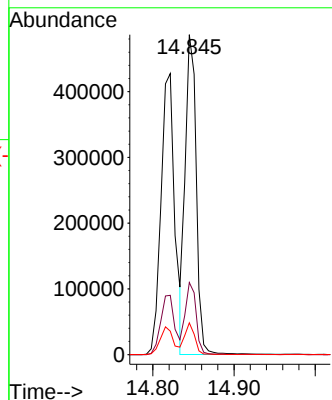
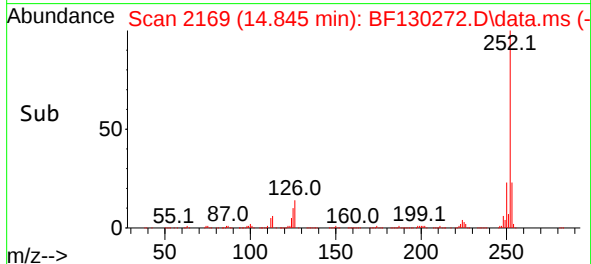
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



Tgt Ion:252 Resp: 461812
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.9 7.9 11.9

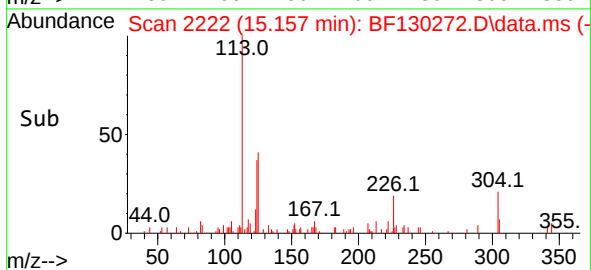
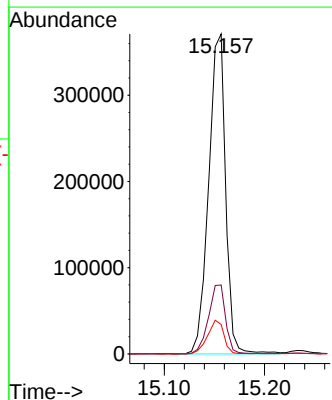
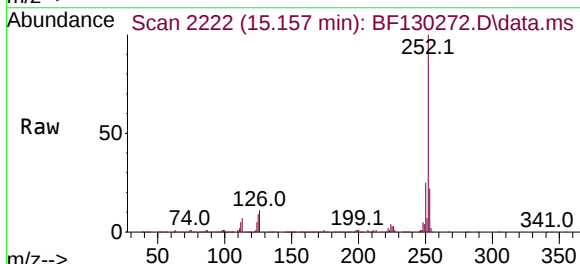
Manual Integrations
APPROVED

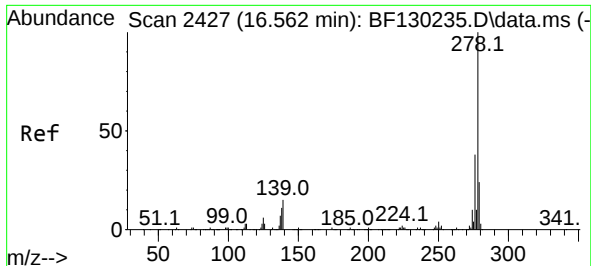
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#90
Benzo(a)pyrene
Concen: 51.601 ng
RT: 15.157 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

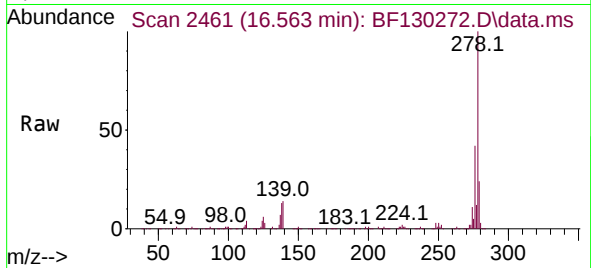
Tgt Ion:252 Resp: 435137
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.2 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 53.781 ng
RT: 16.563 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38

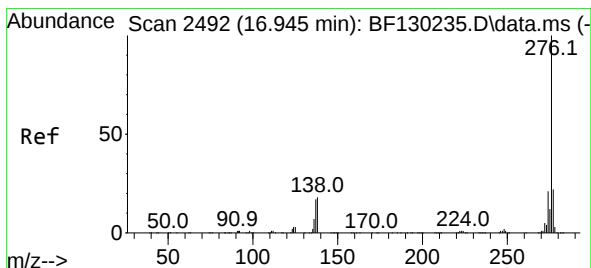
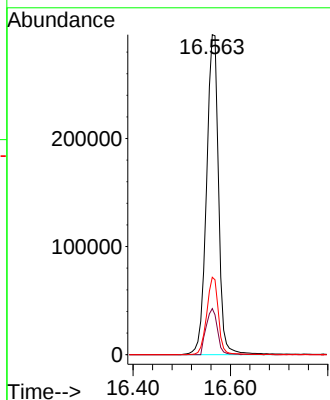
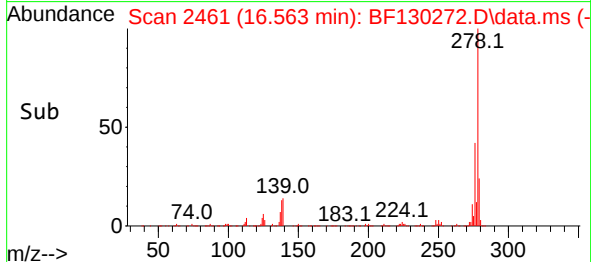
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD



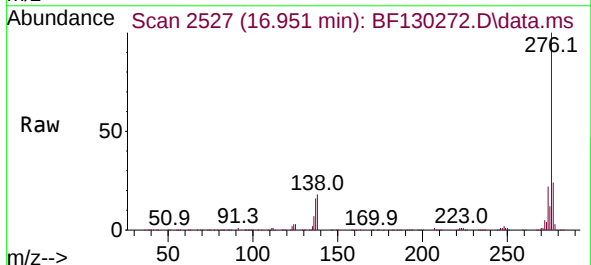
Tgt Ion:278 Resp: 510235
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.8
279 24.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#92
Benzo(g,h,i)perylene
Concen: 53.768 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF130272.D
Acq: 15 Sep 2022 15:38



Tgt Ion:276 Resp: 513854
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 18.4 14.6 21.8

