

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130375.D
 Acq On : 22 Sep 2022 13:51
 Operator : CG\JU
 Sample : PB147825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 22 16:42:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	150999	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	603819	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	308359	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	507727	20.000	ng	0.00
76) Chrysene-d12	13.804	240	299686	20.000	ng	0.00
86) Perylene-d12	15.192	264	248964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1181421	135.705	ng	0.02
7) Phenol-d6	6.310	99	1432183	131.478	ng	0.01
23) Nitrobenzene-d5	7.228	82	914338	77.361	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	423343	143.279	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1660657	78.423	ng	0.00
79) Terphenyl-d14	12.757	244	1688281	93.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	126690	31.686	ng	96
3) Pyridine	3.052	79	323549	31.021	ng	94
4) n-Nitrosodimethylamine	3.016	42	205085	36.153	ng	94
6) Aniline	6.322	93	489309	36.457	ng	# 33
8) 2-Chlorophenol	6.440	128	443213	44.692	ng	95
9) Benzaldehyde	6.204	77	246085	33.726	ng	95
10) Phenol	6.322	94	524798	41.111	ng	# 75
11) bis(2-Chloroethyl)ether	6.398	93	404081	43.886	ng	94
12) 1,3-Dichlorobenzene	6.598	146	471754	43.232	ng	96
13) 1,4-Dichlorobenzene	6.675	146	476311	42.804	ng	98
14) 1,2-Dichlorobenzene	6.822	146	451614	43.445	ng	99
15) Benzyl Alcohol	6.810	79	286921	33.222	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	501318	37.330	ng	88
17) 2-Methylphenol	6.928	107	357556	44.353	ng	97
18) Hexachloroethane	7.163	117	184680	42.104	ng	99
19) n-Nitroso-di-n-propyla...	7.087	70	289911	39.442	ng	90
20) 3+4-Methylphenols	7.081	107	427228	40.795	ng	# 73
22) Acetophenone	7.075	105	613606	41.565	ng	93
24) Nitrobenzene	7.245	77	451712	37.640	ng	96
25) Isophorone	7.487	82	779860	40.939	ng	98
26) 2-Nitrophenol	7.557	139	233039	47.369	ng	94
27) 2,4-Dimethylphenol	7.604	122	337882	44.605	ng	97
28) bis(2-Chloroethoxy)met...	7.698	93	476293	44.403	ng	100
29) 2,4-Dichlorophenol	7.804	162	346578	41.752	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	366121	40.795	ng	96
31) Naphthalene	7.963	128	1233488	39.652	ng	99
32) Benzoic acid	7.751	122	222526	37.987	ng	96
33) 4-Chloroaniline	8.016	127	322804	27.284	ng	97
34) Hexachlorobutadiene	8.075	225	235641	41.084	ng	98
35) Caprolactam	8.398	113	104285m	43.823	ng	
36) 4-Chloro-3-methylphenol	8.510	107	371916	40.422	ng	100
37) 2-Methylnaphthalene	8.651	142	784794	39.568	ng	99
38) 1-Methylnaphthalene	8.751	142	739745	38.824	ng	99
40) 1,2,4,5-Tetrachloroben...	8.816	216	361736	42.986	ng	99
41) Hexachlorocyclopentadiene	8.804	237	472581	104.891	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	231707	39.452	ng	95

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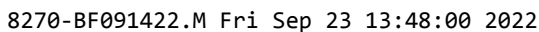
Quant Time: Sep 22 16:42:17 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	260170	41.051	ng	96
46) 1,1'-Biphenyl	9.116	154	943801	40.982	ng	99
47) 2-Chloronaphthalene	9.139	162	738597	39.647	ng	99
48) 2-Nitroaniline	9.245	65	228424	36.762	ng	87
49) Acenaphthylene	9.557	152	1090273	39.033	ng	100
50) Dimethylphthalate	9.428	163	828201	38.882	ng	99
51) 2,6-Dinitrotoluene	9.486	165	186466	41.859	ng	87
52) Acenaphthene	9.728	154	797043m	43.430	ng	
53) 3-Nitroaniline	9.657	138	149084	30.034	ng	85
54) 2,4-Dinitrophenol	9.763	184	200431	82.713	ng	90
55) Dibenzofuran	9.898	168	990339	38.796	ng	98
56) 4-Nitrophenol	9.834	139	296942	82.133	ng	# 84
57) 2,4-Dinitrotoluene	9.886	165	249566	43.836	ng	94
58) Fluorene	10.239	166	790445	37.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	194197	39.148	ng	94
60) Diethylphthalate	10.122	149	810552	37.947	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	368313	40.218	ng	97
62) 4-Nitroaniline	10.269	138	194432	38.992	ng	92
63) Azobenzene	10.392	77	761945	34.643	ng	97
65) 4,6-Dinitro-2-methylph...	10.292	198	128498	45.464	ng	98
66) n-Nitrosodiphenylamine	10.357	169	685408	40.397	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	237053	42.323	ng	95
68) Hexachlorobenzene	10.781	284	266738	42.011	ng	95
69) Atrazine	10.886	200	219975	44.365	ng	96
70) Pentachlorophenol	10.980	266	284603	83.522	ng	99
71) Phenanthrene	11.198	178	1104108	38.733	ng	100
72) Anthracene	11.251	178	1126858	40.964	ng	99
73) Carbazole	11.410	167	1021672	41.153	ng	99
74) Di-n-butylphthalate	11.739	149	1190228	39.757	ng	99
75) Fluoranthene	12.380	202	1119557	40.644	ng	99
77) Benzidine	12.510	184	352247	40.490	ng	99
78) Pyrene	12.610	202	1116040	42.570	ng	99
80) Butylbenzylphthalate	13.233	149	428374	44.107	ng	99
81) Benzo(a)anthracene	13.792	228	819812	41.121	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	219261	40.402	ng	99
83) Chrysene	13.827	228	762014	40.255	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	481367	43.270	ng	97
85) Di-n-octyl phthalate	14.404	149	665415	39.107	ng	96
87) Indeno(1,2,3-cd)pyrene	16.521	276	748854	42.416	ng	99
88) Benzo(b)fluoranthene	14.804	252	710501	43.724	ng	99
89) Benzo(k)fluoranthene	14.833	252	671136	41.986	ng	98
90) Benzo(a)pyrene	15.133	252	597824	46.438	ng	98
91) Dibenzo(a,h)anthracene	16.539	278	641566	44.297	ng	98
92) Benzo(g,h,i)perylene	16.921	276	645383	44.235	ng	98

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

Manual Integrations APPROVED

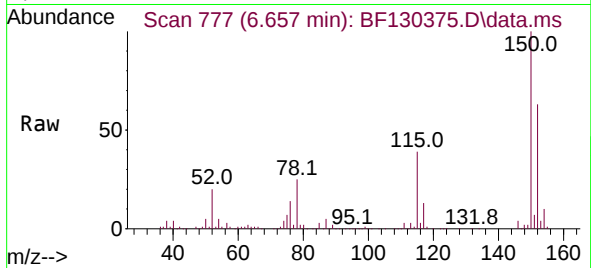
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QLast Update : Mon Sep 19 15:06:14 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

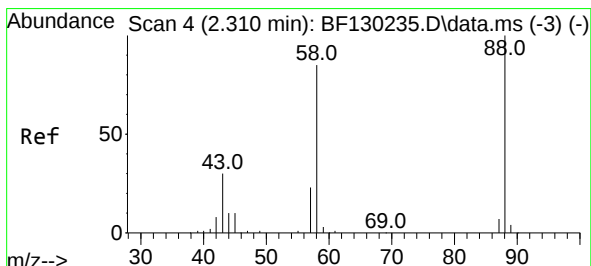
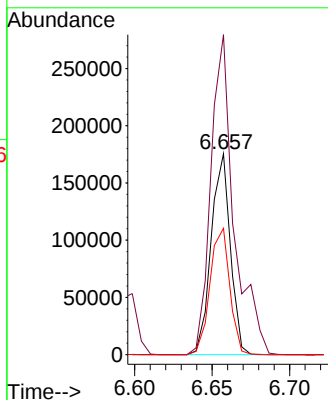
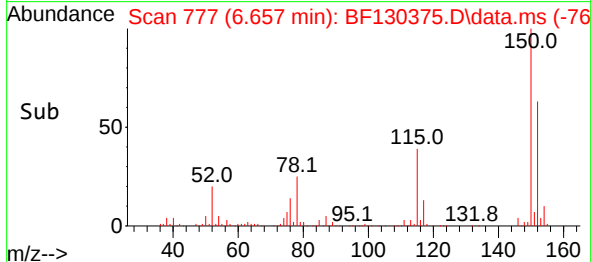
Instrument :
BNA_F
ClientSampleId :
PB147825BS



Tgt Ion:152 Resp: 150999
Ion Ratio Lower Upper
152 100
150 159.3 122.8 184.2
115 62.9 53.8 80.8

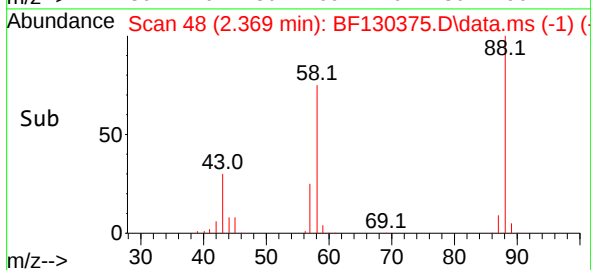
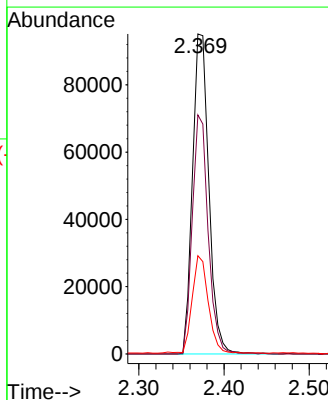
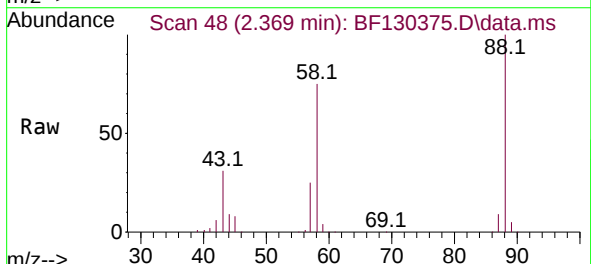
Manual Integrations
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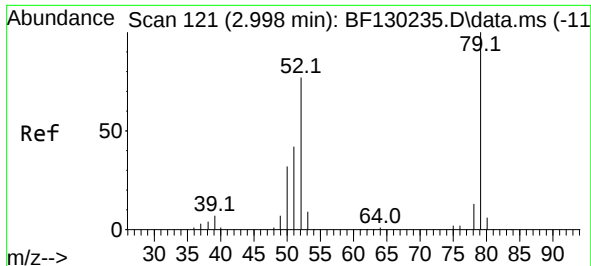
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#2
1,4-Dioxane
Concen: 31.686 ng
RT: 2.369 min Scan# 48
Delta R.T. 0.082 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion: 88 Resp: 126690
Ion Ratio Lower Upper
88 100
58 72.6 61.3 91.9
43 29.8 23.0 34.6





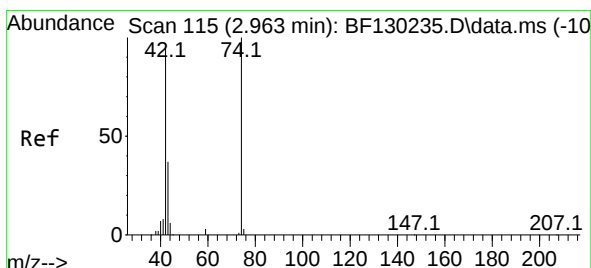
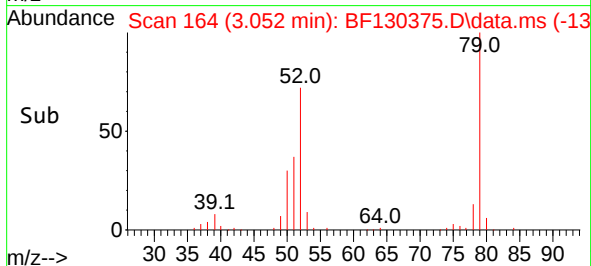
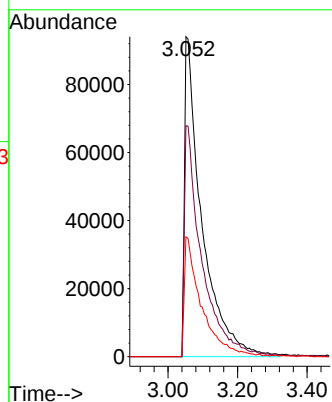
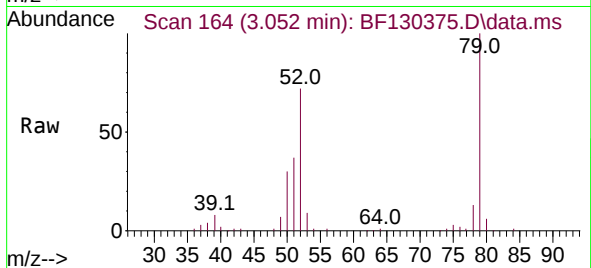
#3
Pyridine
Concen: 31.021 ng
RT: 3.052 min Scan# 10
Delta R.T. 0.082 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion: 79 Resp: 323549
Ion Ratio Lower Upper
79 100
52 72.1 62.4 93.6
51 37.4 32.2 48.4

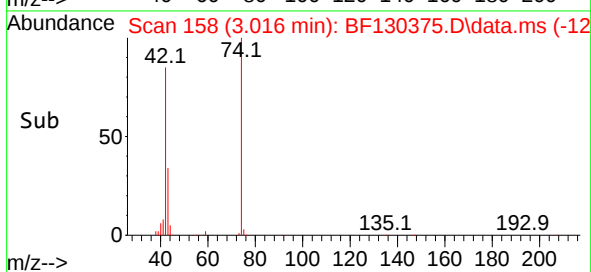
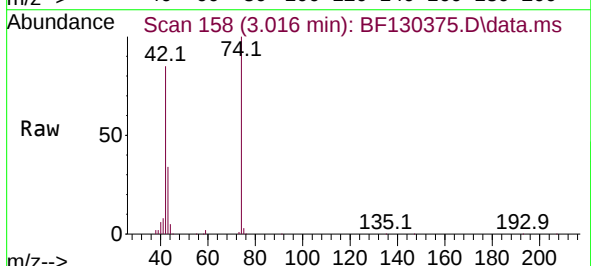
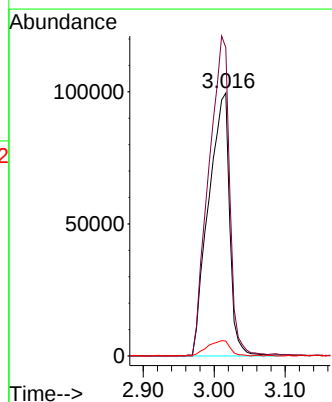
Manual Integrations
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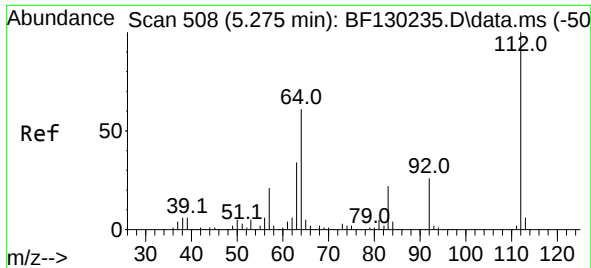
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#4
n-Nitrosodimethylamine
Concen: 36.153 ng
RT: 3.016 min Scan# 158
Delta R.T. 0.077 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

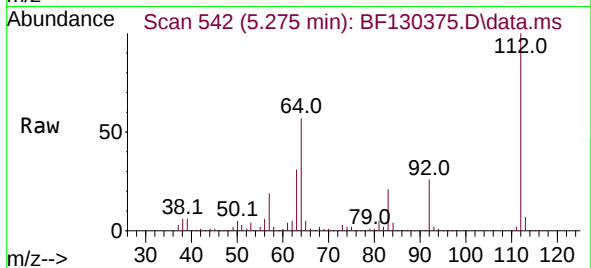
Tgt Ion: 42 Resp: 205085
Ion Ratio Lower Upper
42 100
74 117.3 88.4 132.6
44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 135.705 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

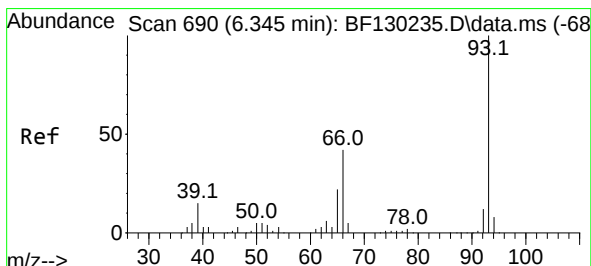
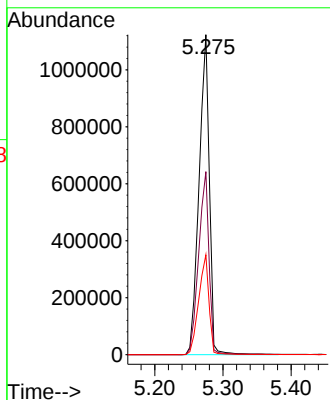
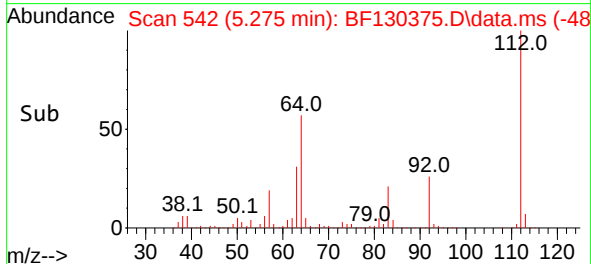
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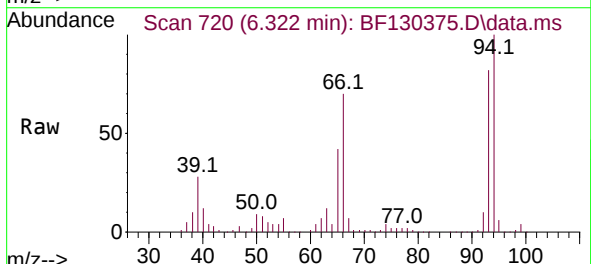
Tgt Ion:112 Resp: 118142
Ion Ratio Lower Upper
112 100
64 57.2 51.4 77.0
63 31.2 28.8 43.2

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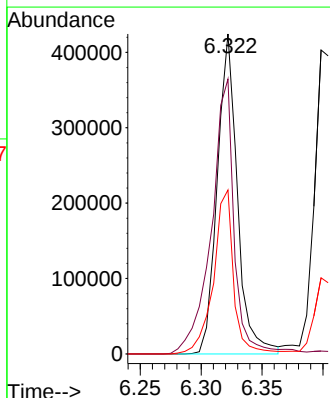
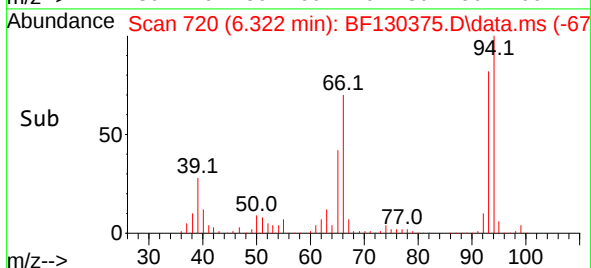
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#6
Aniline
Concen: 36.457 ng
RT: 6.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



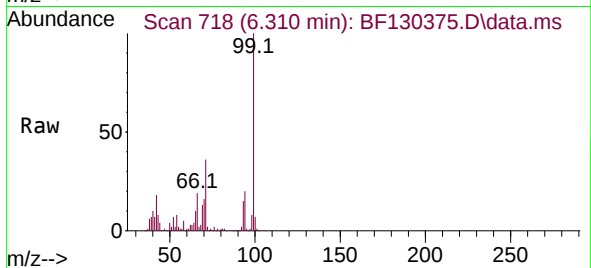
Tgt Ion: 93 Resp: 489309
Ion Ratio Lower Upper
93 100
66 85.9 34.2 51.4#
65 51.2 16.6 24.8#





#7
Phenol-d6
Concen: 131.478 ng
RT: 6.310 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

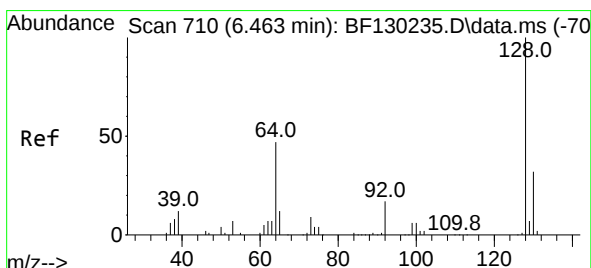
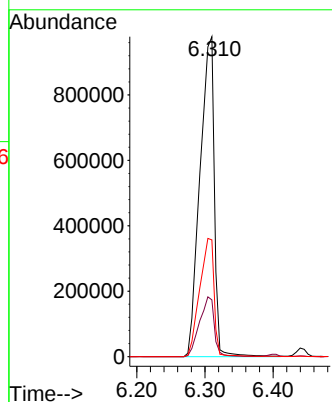
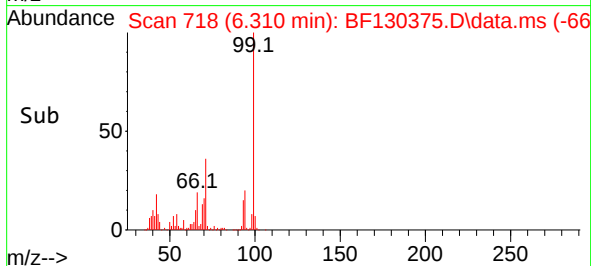
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1432183
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.5 32.3 48.5

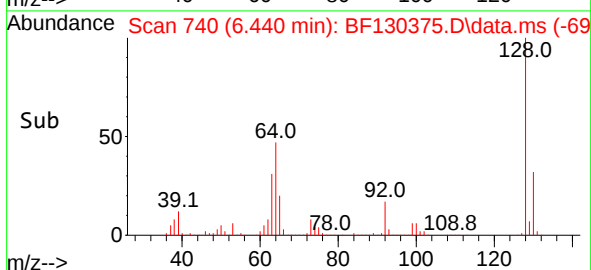
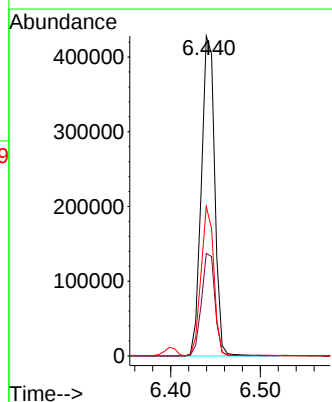
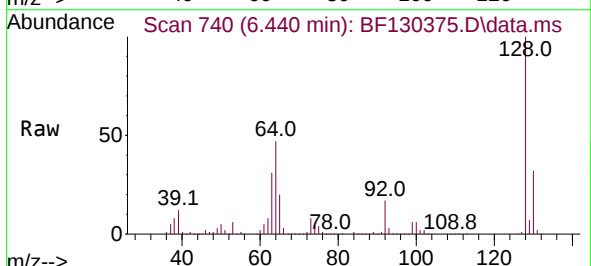
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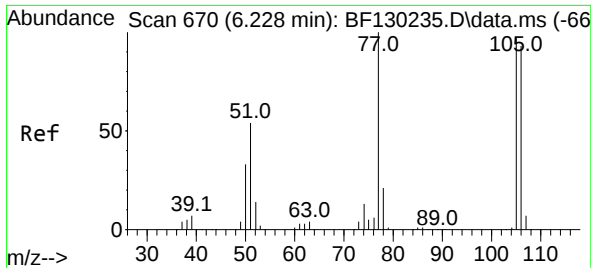
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#8
2-Chlorophenol
Concen: 44.692 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:128 Resp: 443213
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 46.7 31.6 71.6





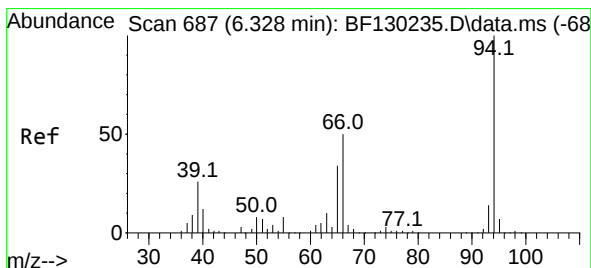
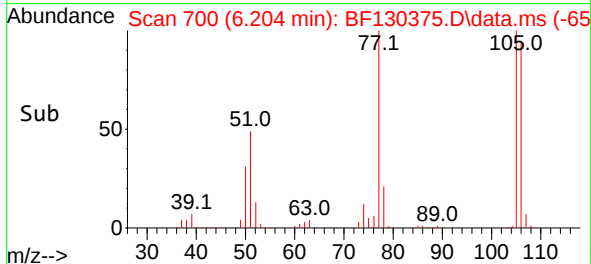
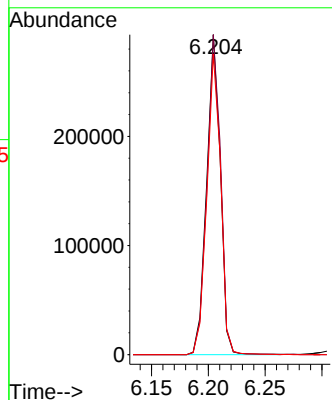
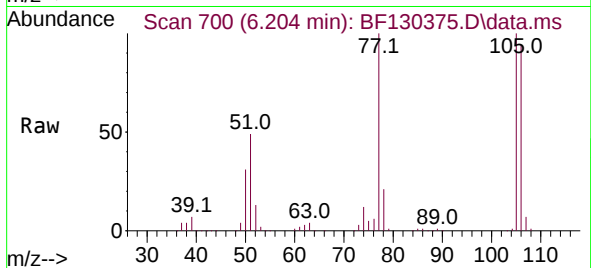
#9
Benzaldehyde
Concen: 33.726 ng
RT: 6.204 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion: 77 Resp: 246085
Ion Ratio Lower Upper
77 100
105 100.0 75.1 115.1
106 94.0 69.7 109.7

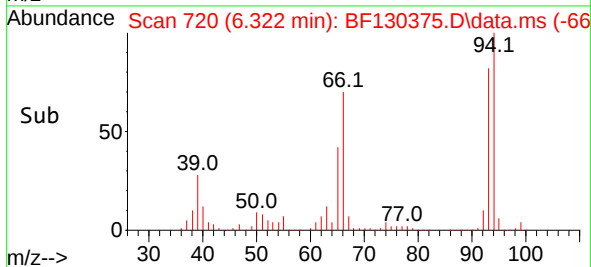
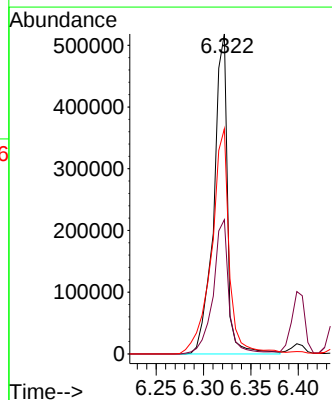
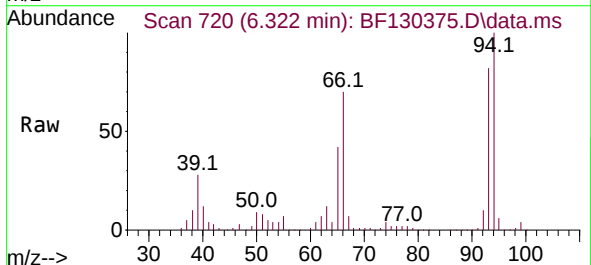
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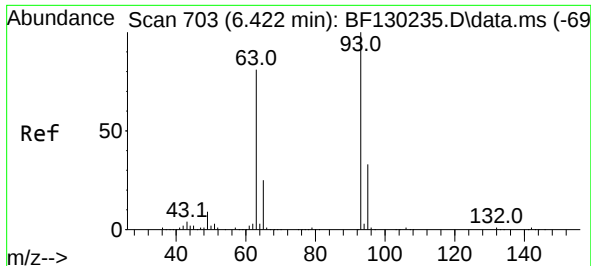
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#10
Phenol
Concen: 41.111 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion: 94 Resp: 524798
Ion Ratio Lower Upper
94 100
65 41.9 14.1 54.1
66 70.3 28.1 68.1#





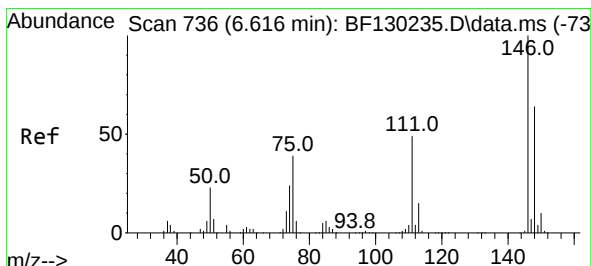
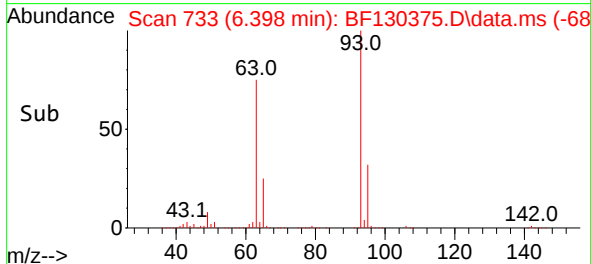
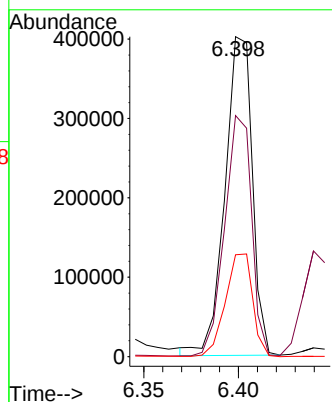
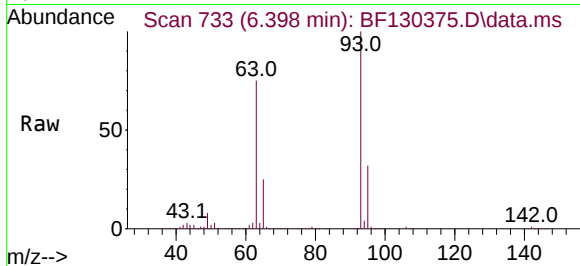
#11
bis(2-Chloroethyl)ether
Concen: 43.886 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion: 93 Resp: 404081
Ion Ratio Lower Upper
93 100
63 75.3 62.5 102.5
95 31.8 12.5 52.5

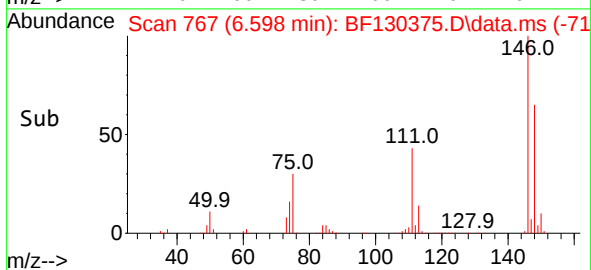
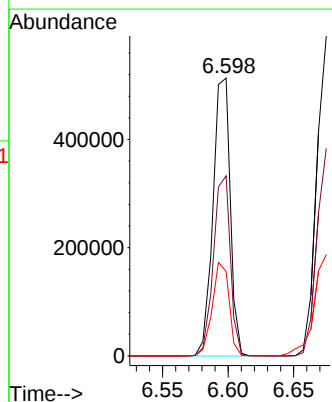
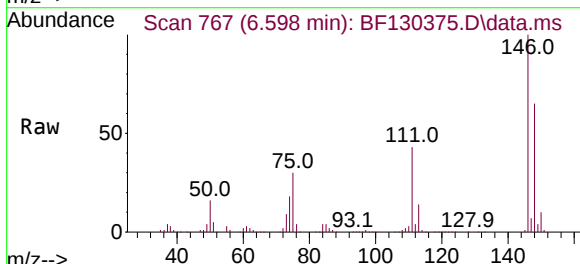
Manual Integrations
APPROVED

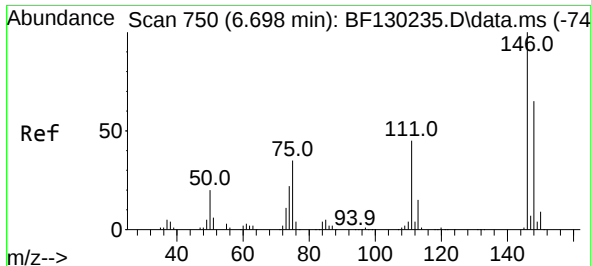
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#12
1,3-Dichlorobenzene
Concen: 43.232 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:146 Resp: 471754
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 30.4 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 42.804 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130375.D

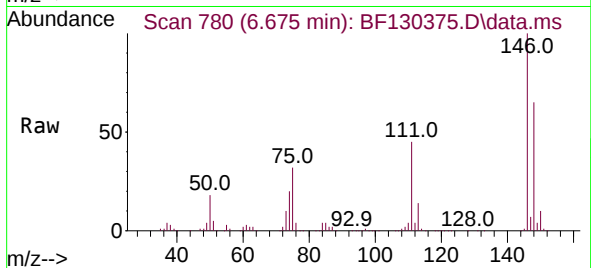
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS



Tgt Ion:146 Resp: 47631

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

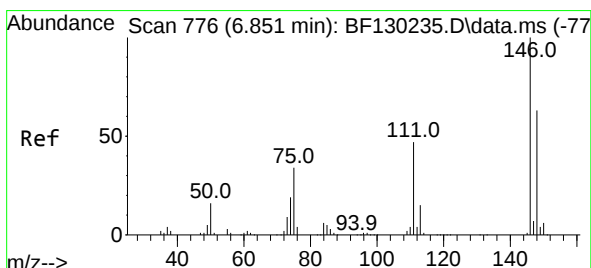
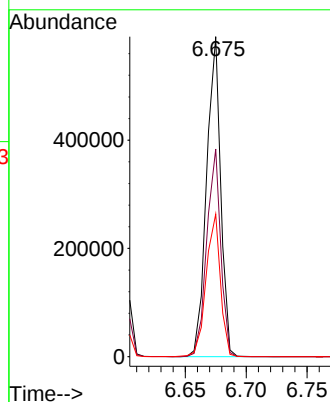
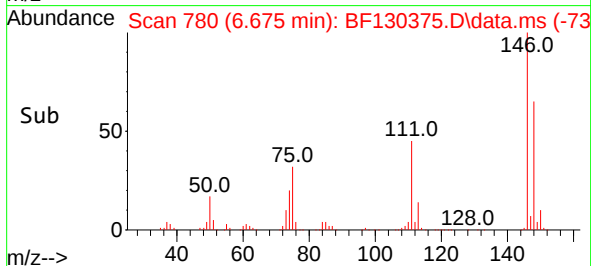
111 44.5 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#14

1,2-Dichlorobenzene

Concen: 43.445 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.012 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

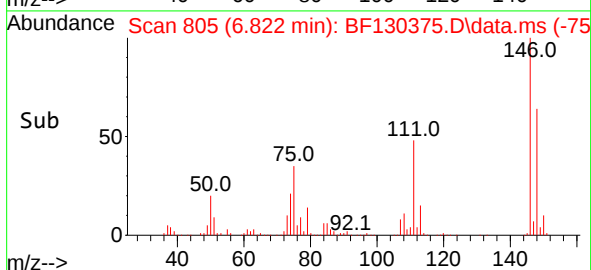
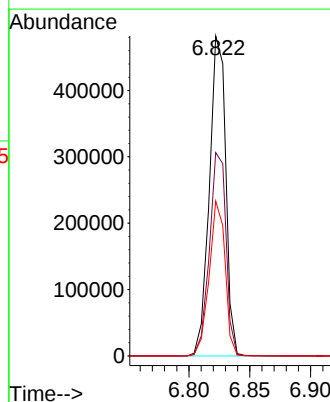
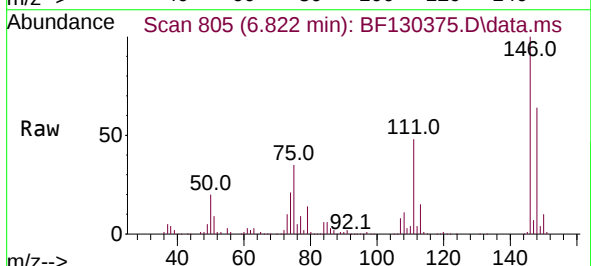
Tgt Ion:146 Resp: 451614

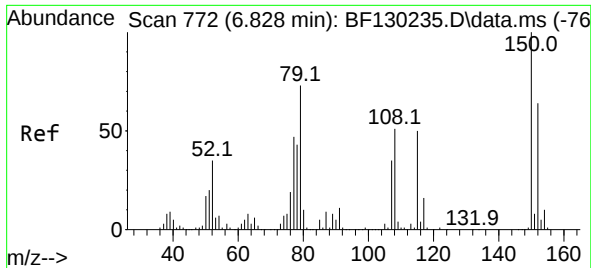
Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

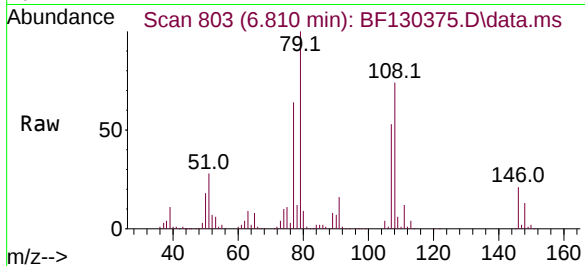
111 48.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 33.222 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

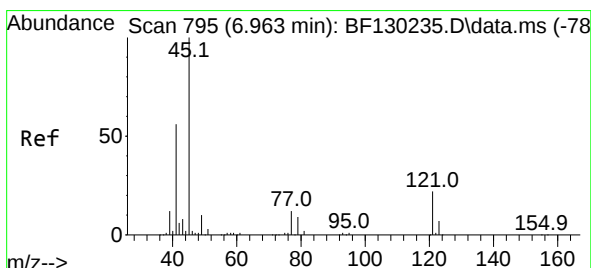
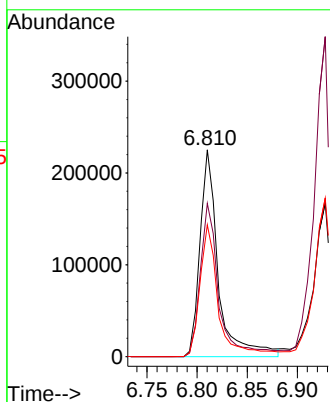
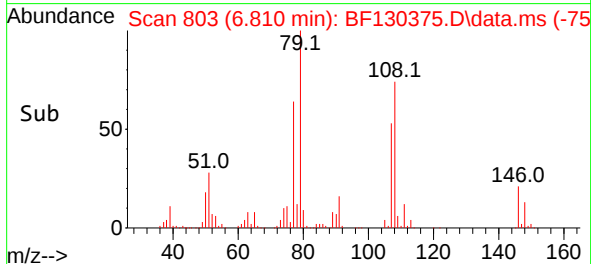
Instrument :
BNA_F
ClientSampleId :
PB147825BS



Tgt Ion: 79 Resp: 28692
Ion Ratio Lower Upper
79 100
108 74.1 54.0 81.0
77 63.7 51.3 76.9

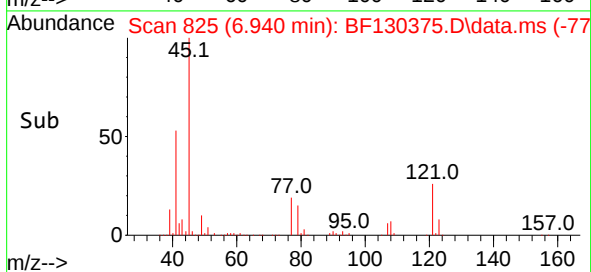
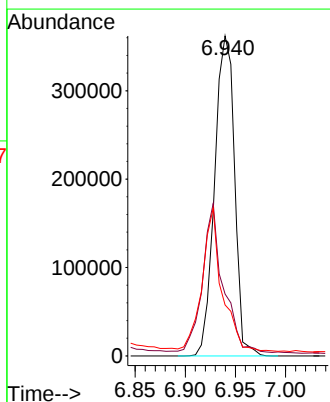
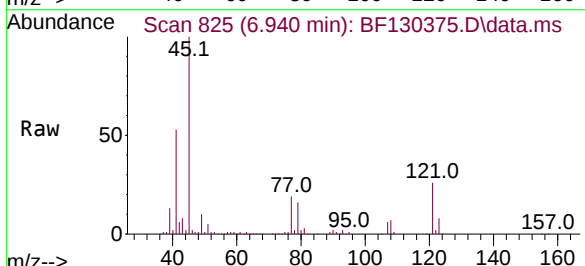
Manual Integrations
APPROVED

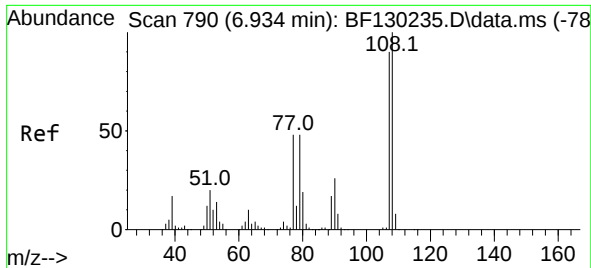
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.330 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

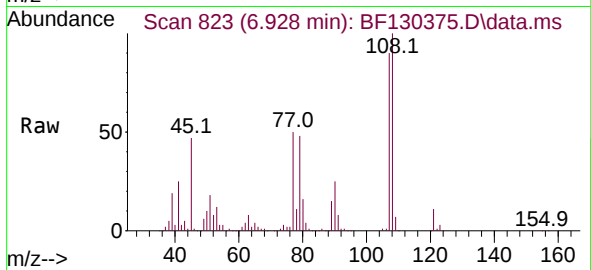
Tgt Ion: 45 Resp: 501318
Ion Ratio Lower Upper
45 100
77 19.3 0.0 34.9
79 15.9 0.0 31.0





#17
2-Methylphenol
Concen: 44.353 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

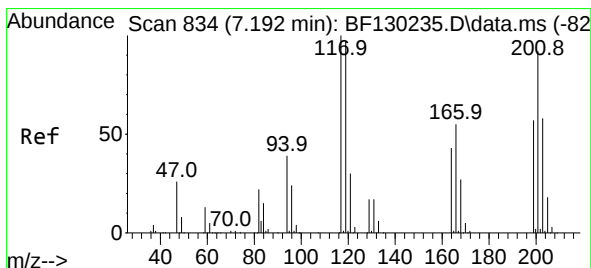
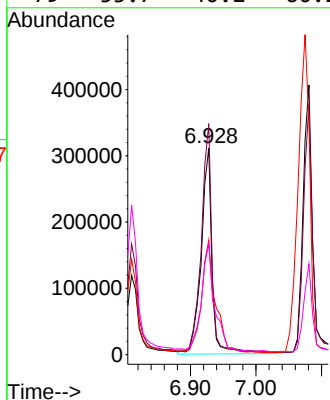
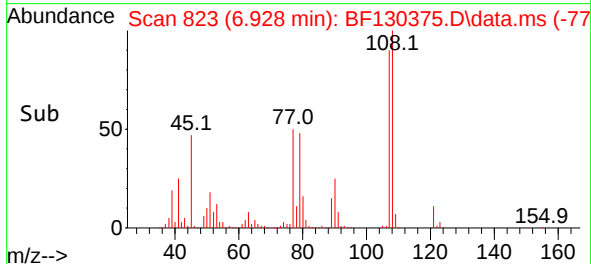


Tgt Ion:107 Resp: 357556

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	55.4	40.6	60.8
79	53.7	40.2	60.2

Manual Integrations
APPROVED

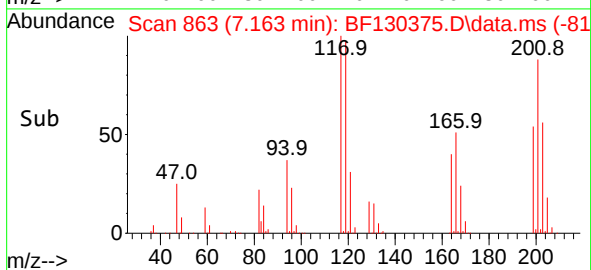
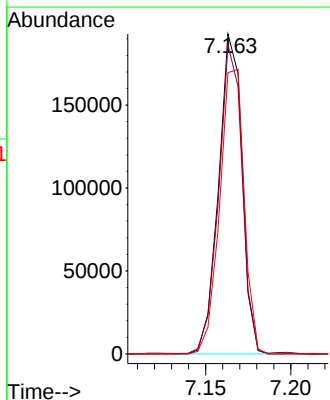
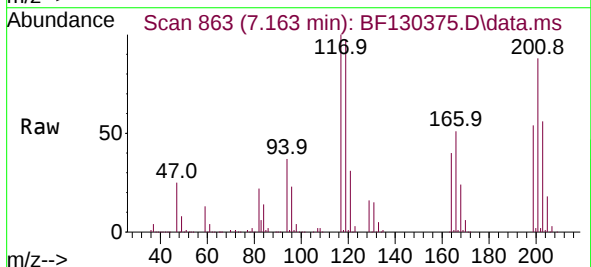
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

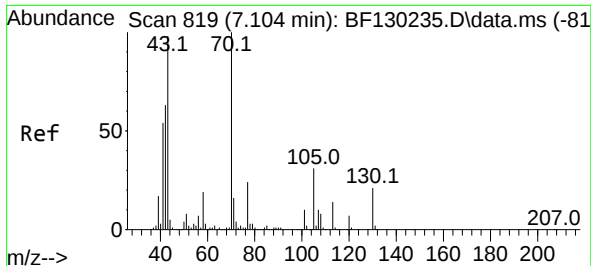


#18
Hexachloroethane
Concen: 42.104 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:117 Resp: 184680

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.6
201	87.9	68.7	103.1





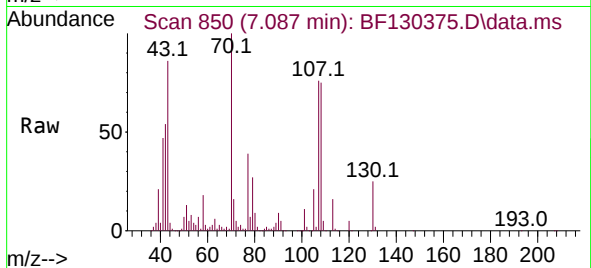
#19
n-Nitroso-di-n-propylamine
Concen: 39.442 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

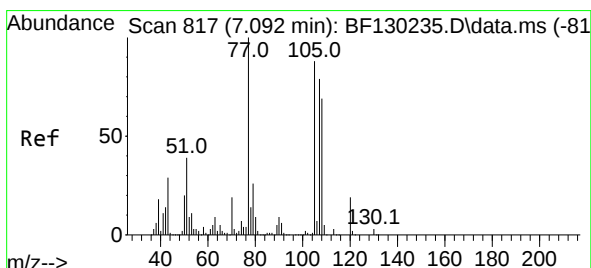
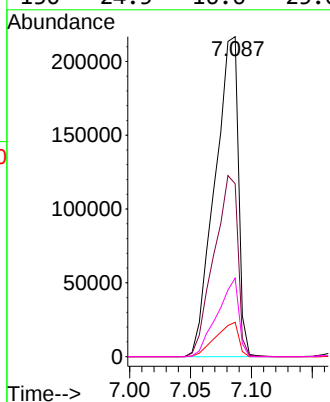
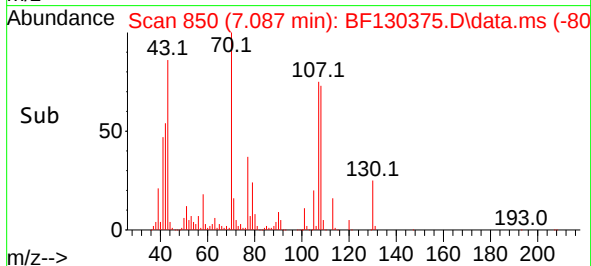


Tgt Ion: 70 Resp: 28991
Ion Ratio Lower Upper
70 100
42 54.0 50.8 76.2
101 10.7 8.2 12.4
130 24.5 16.6 25.0

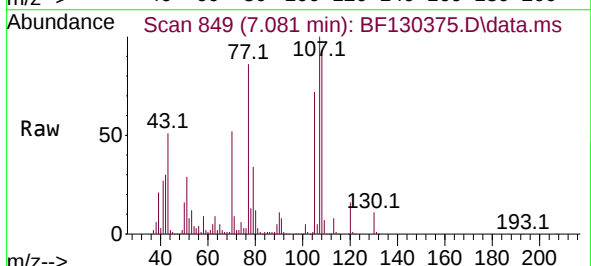
Manual Integrations

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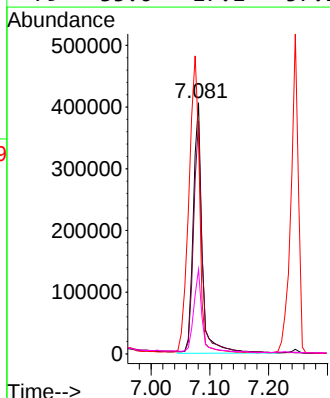
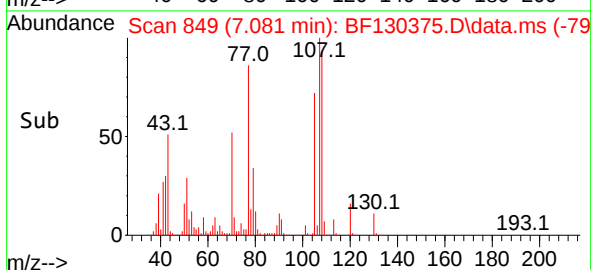
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

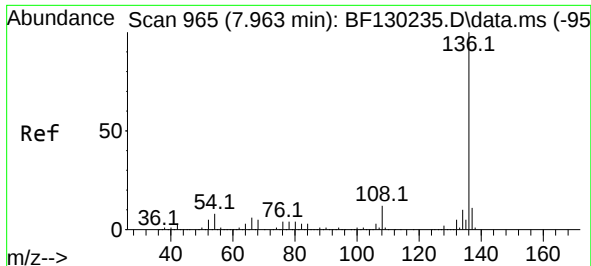


#20
3+4-Methylphenols
Concen: 40.795 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



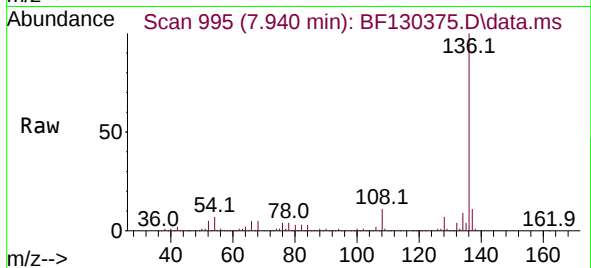
Tgt Ion:107 Resp: 427228
Ion Ratio Lower Upper
107 100
108 92.7 74.8 114.8
77 86.2 125.8 165.8#
79 33.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

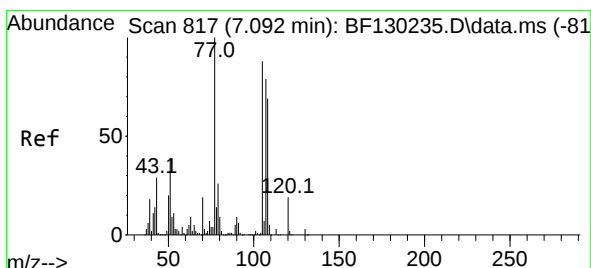
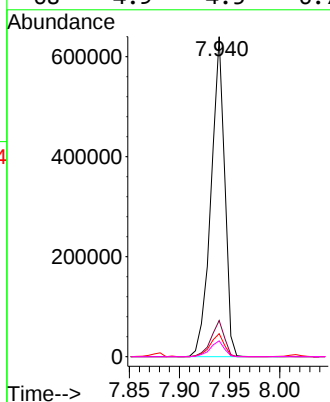
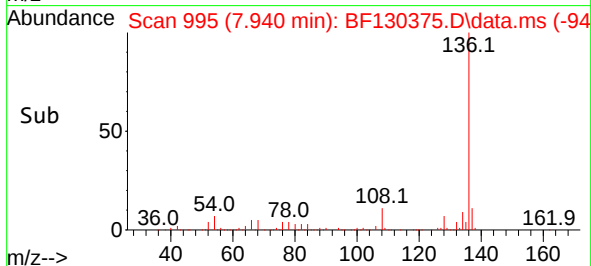
Instrument :
BNA_F
ClientSampleId :
PB147825BS



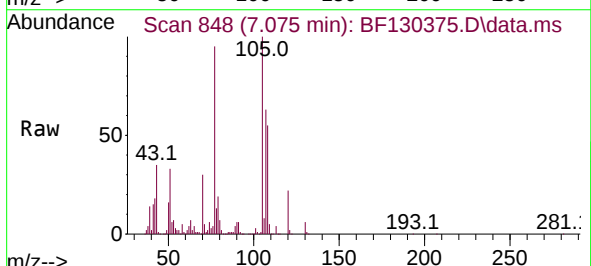
Tgt Ion:	136	Resp:	603819
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.2	7.1	10.7
68	4.9	4.5	6.7

Manual Integrations
APPROVED

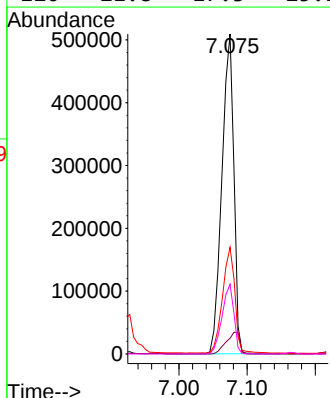
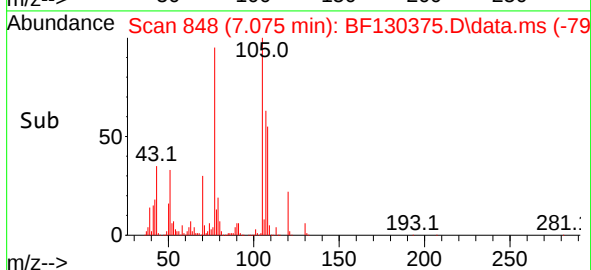
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

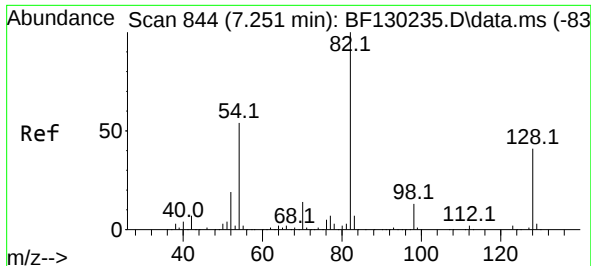


#22
Acetophenone
Concen: 41.565 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:	105	Resp:	613606
Ion Ratio	Lower	Upper	
105	100		
71	4.9	3.9	5.9
51	33.3	32.2	48.2
120	21.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 77.361 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

Tgt Ion: 82 Resp: 914338

Ion Ratio Lower Upper

82 100

128 43.5 32.6 49.0

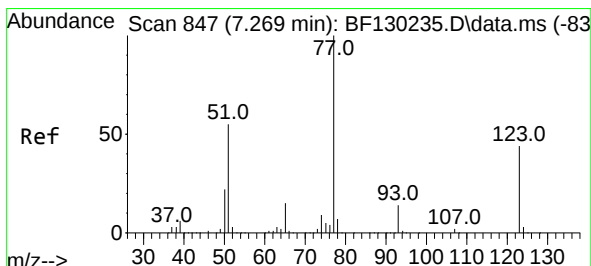
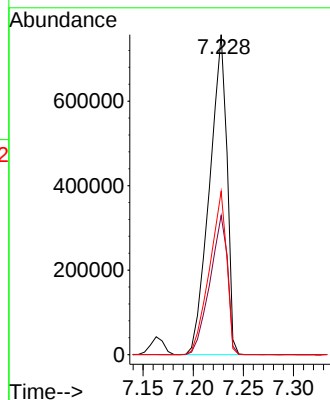
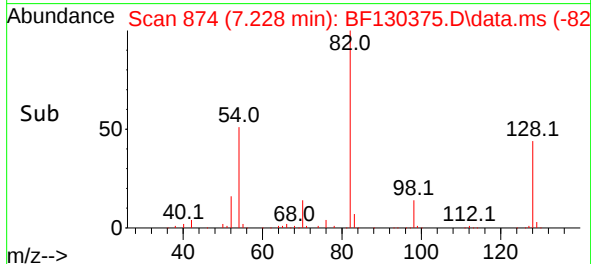
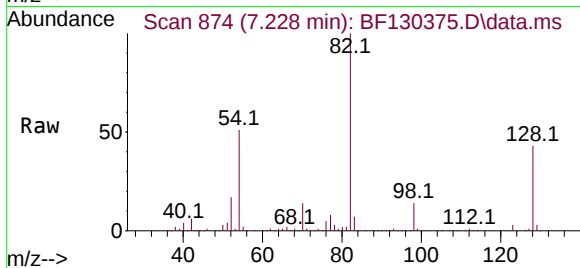
54 51.0 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#24

Nitrobenzene

Concen: 37.640 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

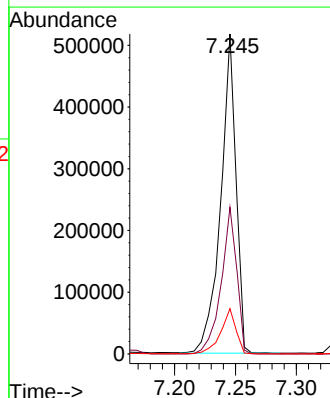
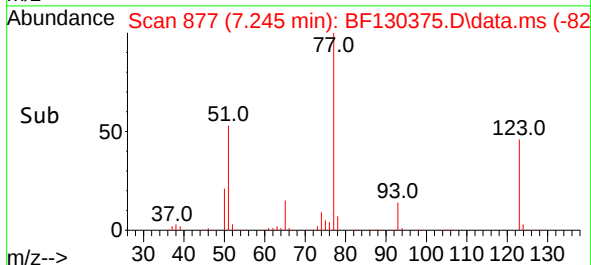
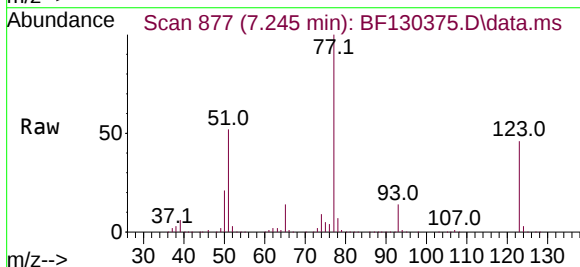
Tgt Ion: 77 Resp: 451712

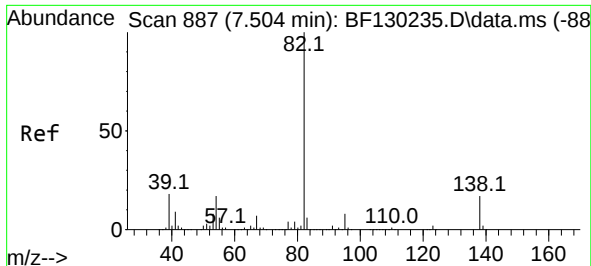
Ion Ratio Lower Upper

77 100

123 45.8 34.3 51.5

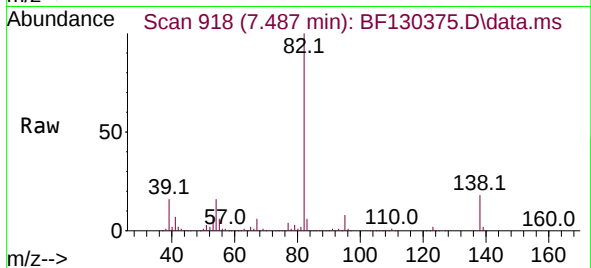
65 14.1 12.0 18.0





#25
Isophorone
Concen: 40.939 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

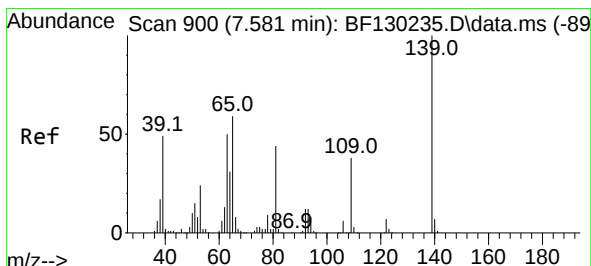
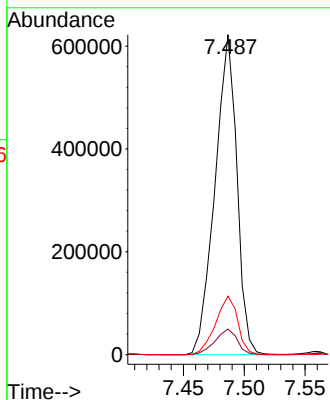
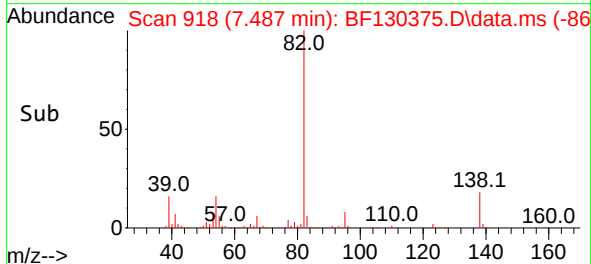
Instrument :
BNA_F
ClientSampleId :
PB147825BS



Tgt Ion: 82 Resp: 779860
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.3 13.8 20.6

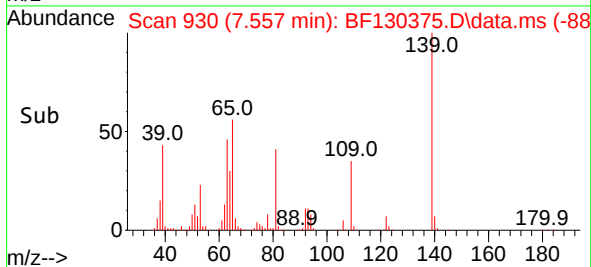
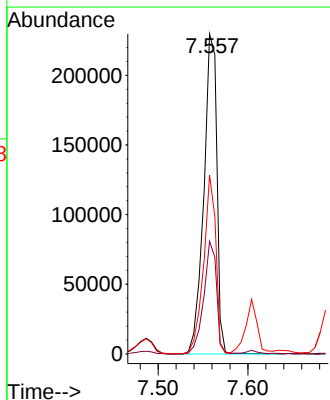
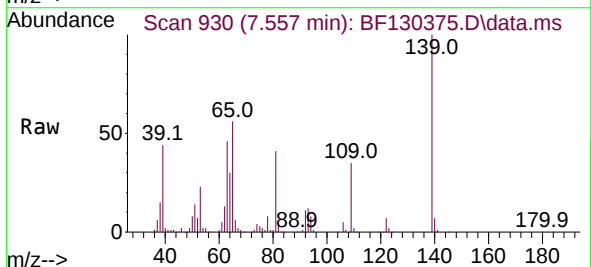
Manual Integrations
APPROVED

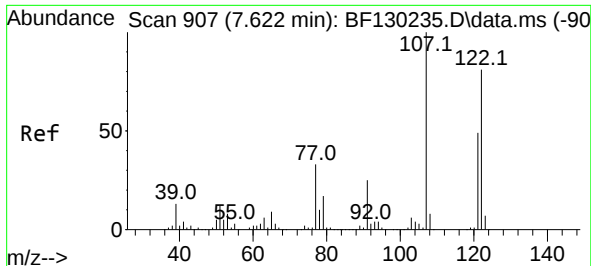
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#26
2-Nitrophenol
Concen: 47.369 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:139 Resp: 233039
Ion Ratio Lower Upper
139 100
109 35.2 30.2 45.4
65 55.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 44.605 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

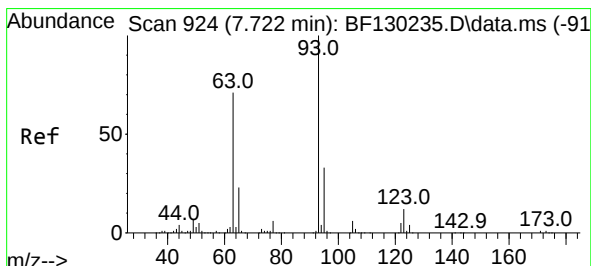
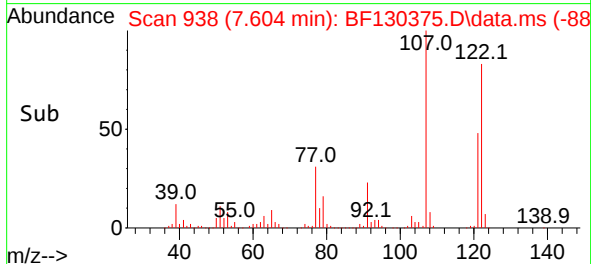
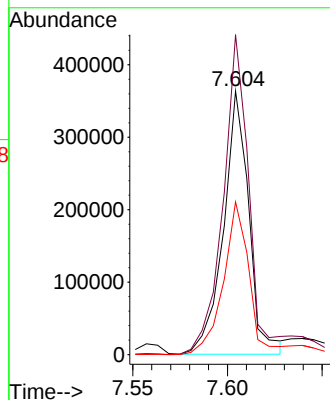
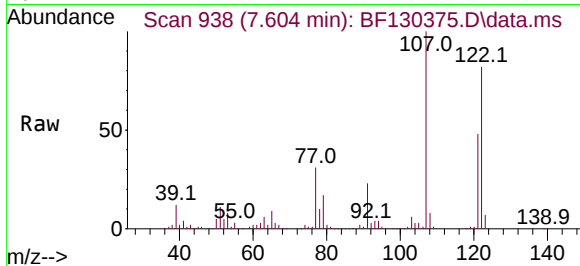
PB147825BS

Tgt Ion:122 Resp: 337882
 Ion Ratio Lower Upper
 122 100
 107 121.4 100.2 150.2
 121 58.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.403 ng

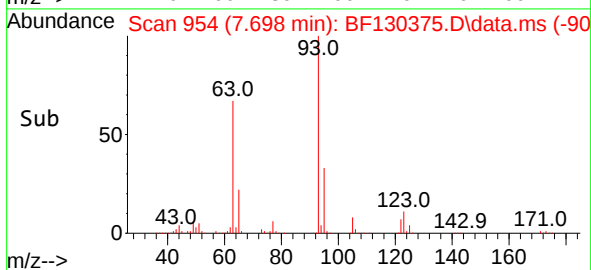
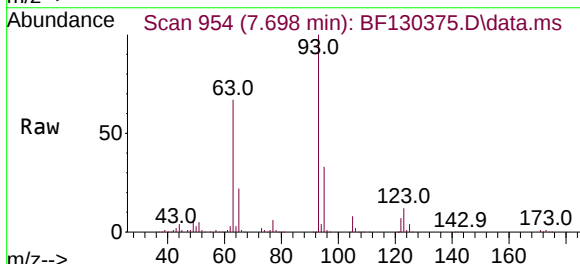
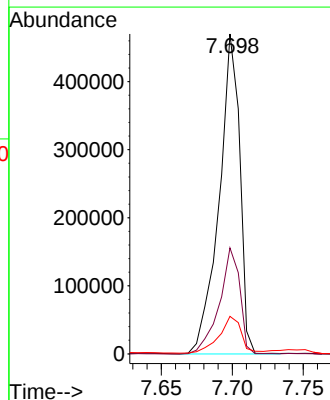
RT: 7.698 min Scan# 954

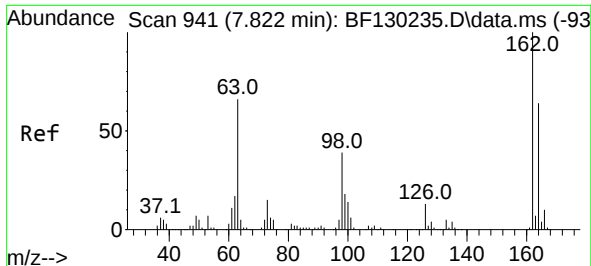
Delta R.T. -0.006 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Tgt Ion: 93 Resp: 476293
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.752 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

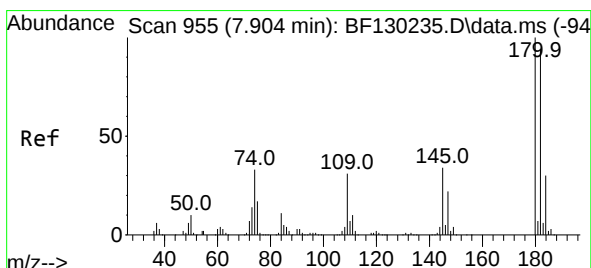
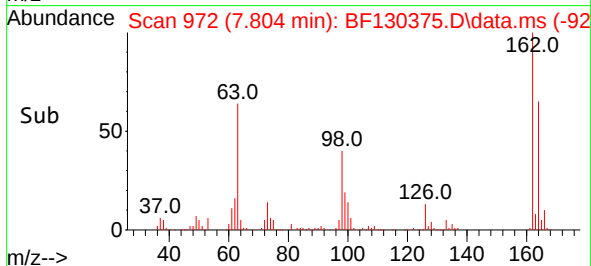
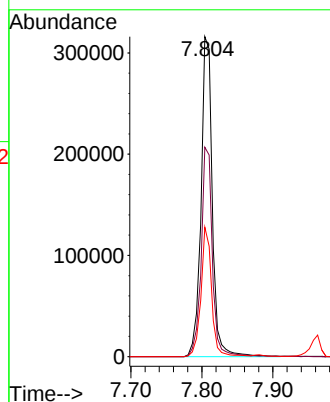
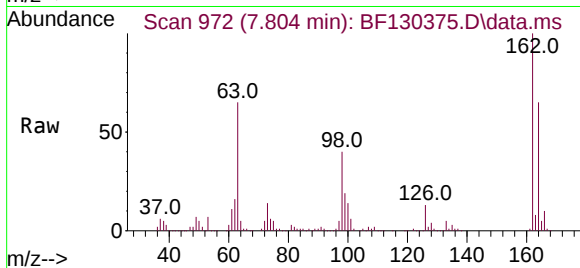
PB147825BS

Tgt Ion:162	Resp: 346578
Ion Ratio	Lower Upper
162 100	
164 65.4	42.2 82.2
98 40.4	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.795 ng

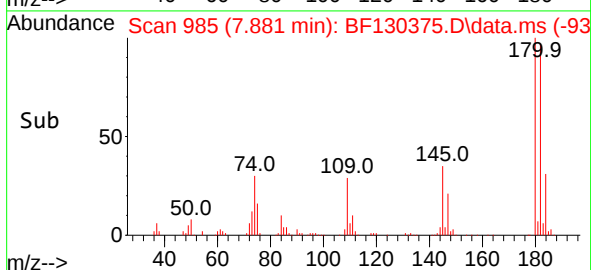
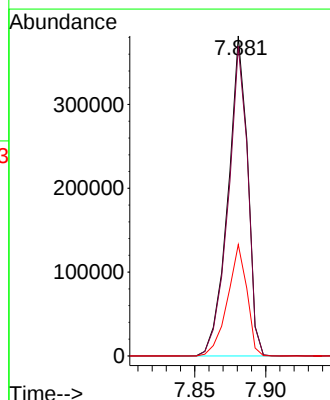
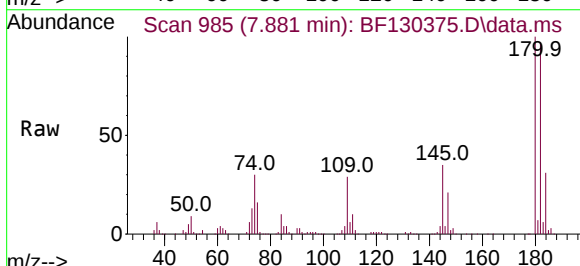
RT: 7.881 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

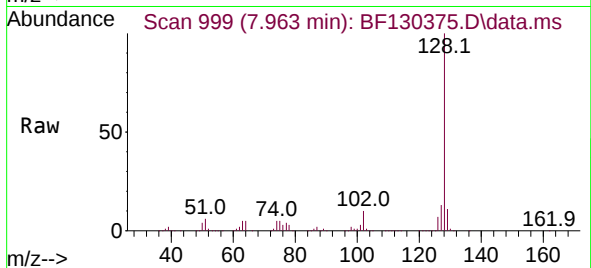
Tgt Ion:180	Resp: 366121
Ion Ratio	Lower Upper
180 100	
182 96.8	73.3 109.9
145 34.8	28.3 42.5





#31
Naphthalene
Concen: 39.652 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

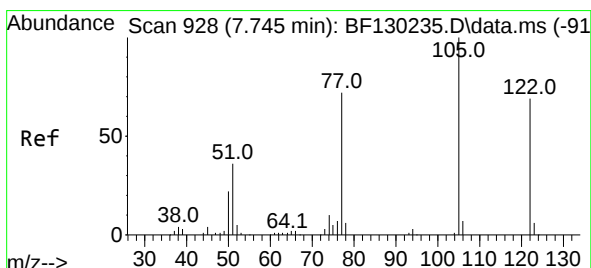
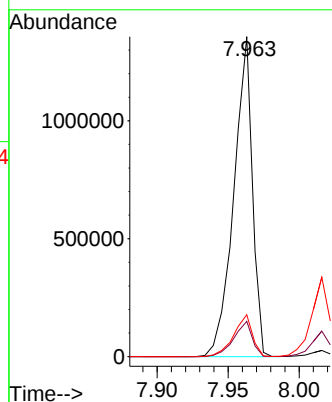
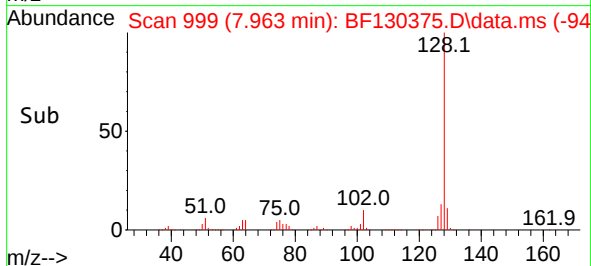
Instrument :
BNA_F
ClientSampleId :
PB147825BS



Tgt Ion:128 Resp: 1233488
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.6 16.0

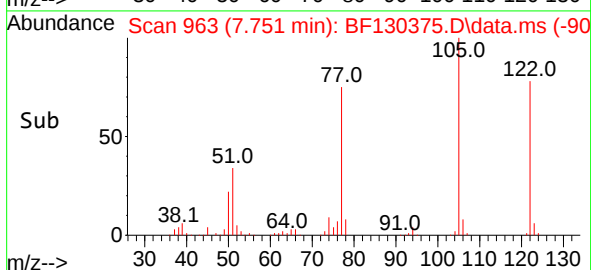
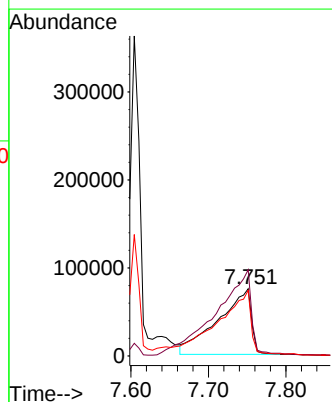
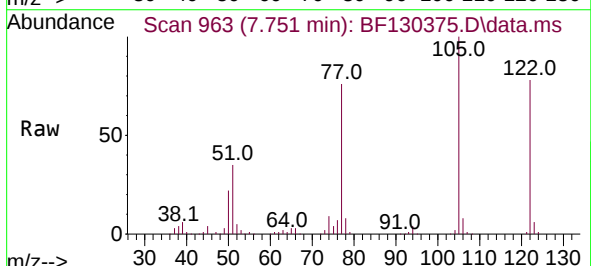
Manual Integrations
APPROVED

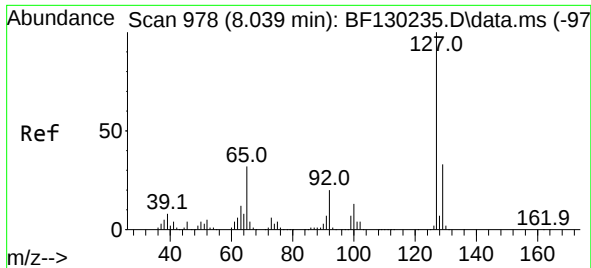
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#32
Benzoic acid
Concen: 37.987 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.018 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:122 Resp: 222526
Ion Ratio Lower Upper
122 100
105 128.5 112.9 152.9
77 97.6 82.8 122.8





#33
4-Chloroaniline
Concen: 27.284 ng
RT: 8.016 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

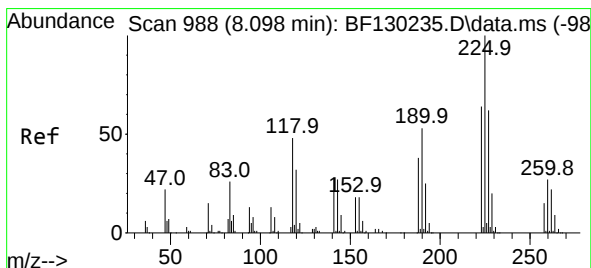
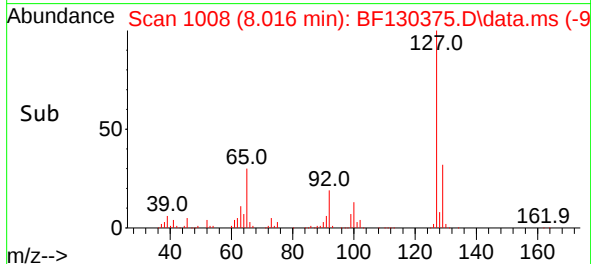
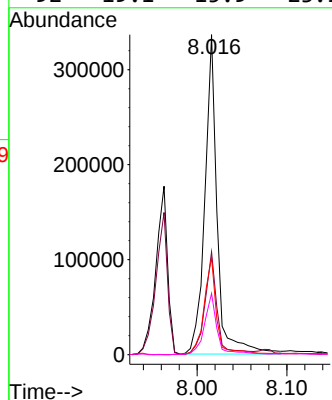
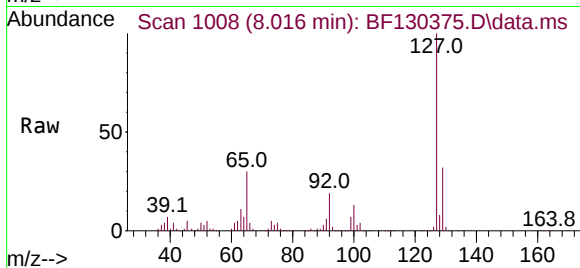
PB147825BS

Tgt Ion:127 Resp: 322804
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 30.3 27.0 40.6
92 19.1 15.9 23.9

Manual Integrations

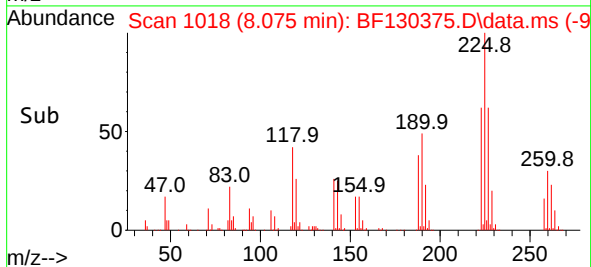
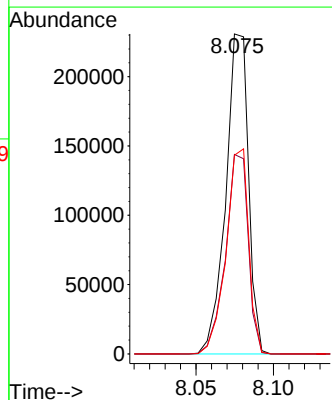
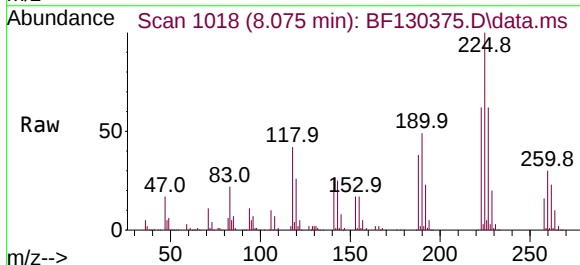
APPROVED

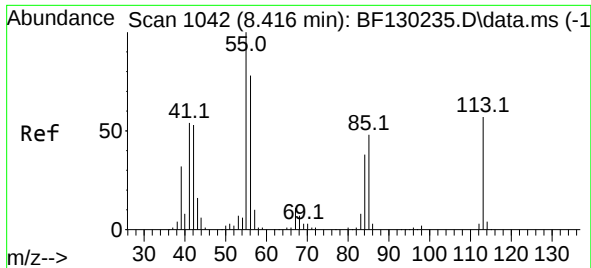
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#34
Hexachlorobutadiene
Concen: 41.084 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

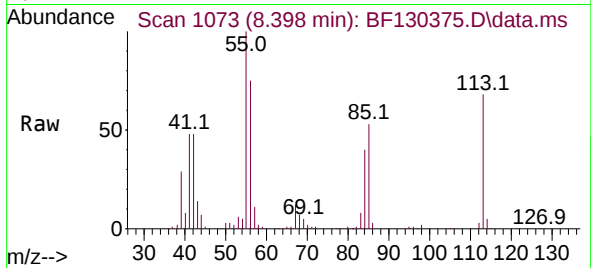
Tgt Ion:225 Resp: 235641
Ion Ratio Lower Upper
225 100
223 62.3 50.3 75.5
227 62.1 51.1 76.7





#35
 Caprolactam
 Concen: 43.823 ng m
 RT: 8.398 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

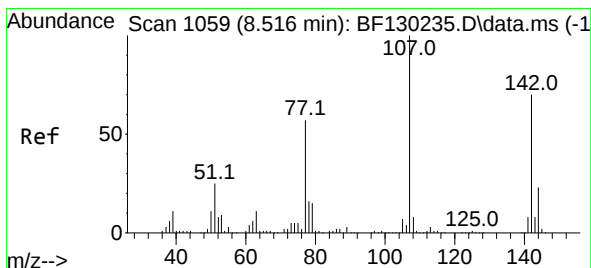
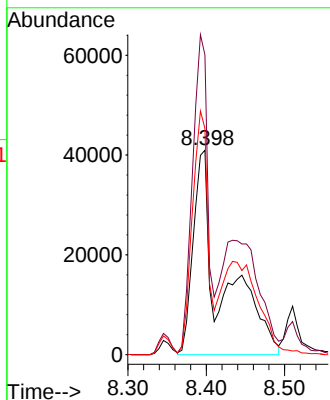
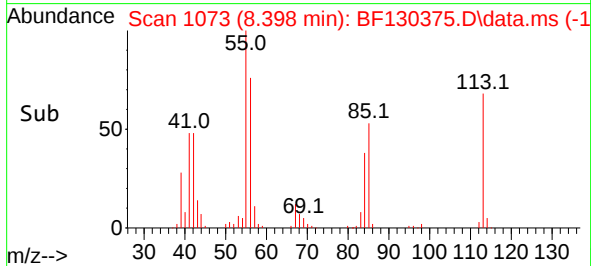
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS



Tgt Ion:113 Resp: 104285
 Ion Ratio Lower Upper
 113 100
 55 146.6 155.4 195.4
 56 110.6 120.4 160.4

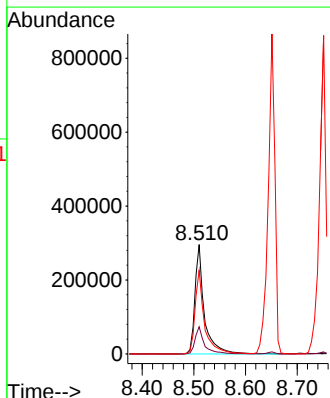
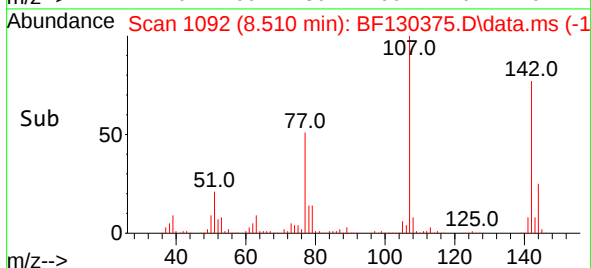
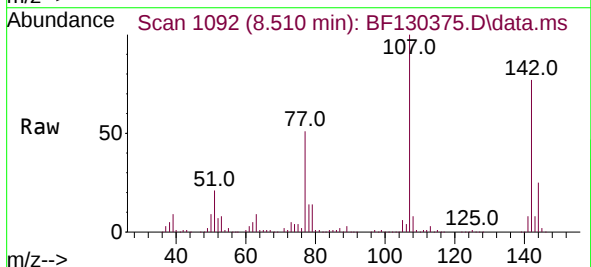
Manual Integrations
 APPROVED

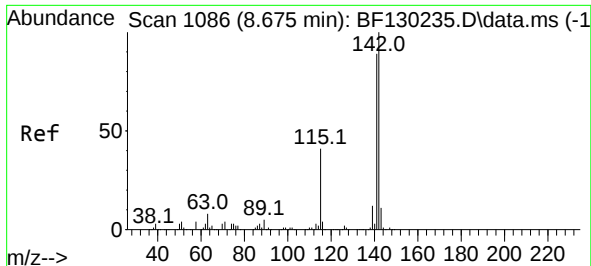
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.422 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

Tgt Ion:107 Resp: 371916
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 76.6 61.3 91.9





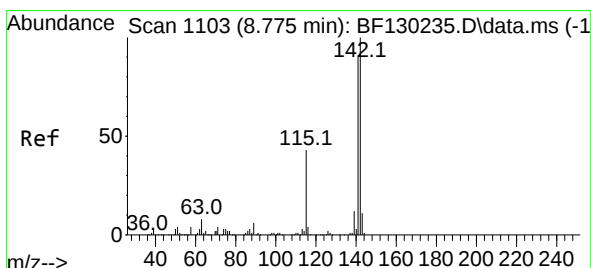
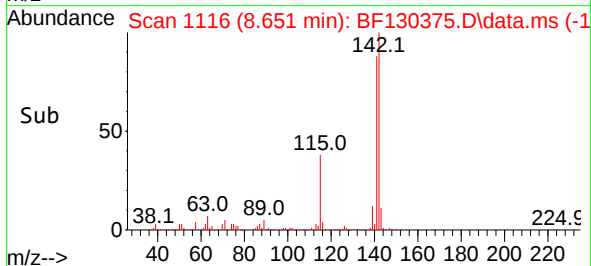
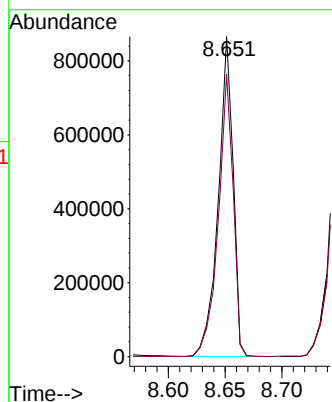
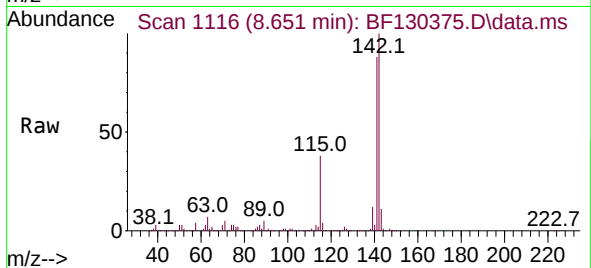
#37
2-Methylnaphthalene
Concen: 39.568 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:142 Resp: 784794
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0

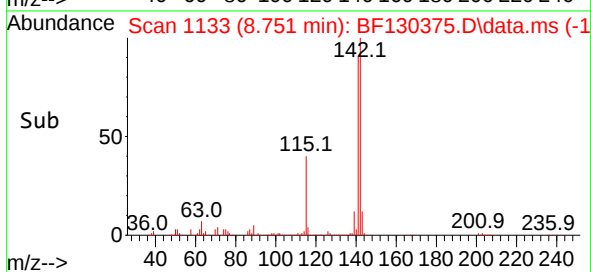
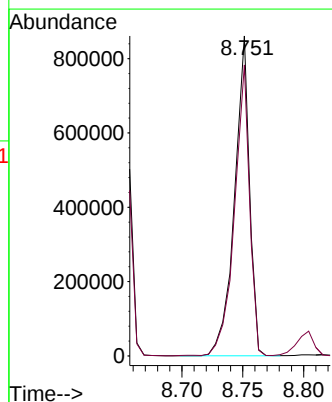
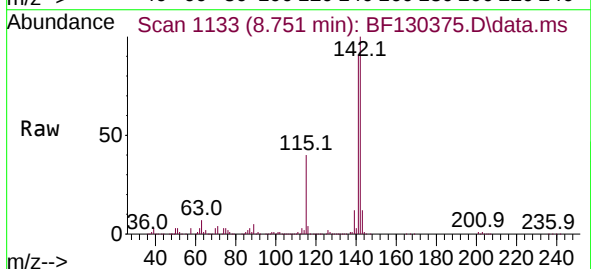
Manual Integrations
APPROVED

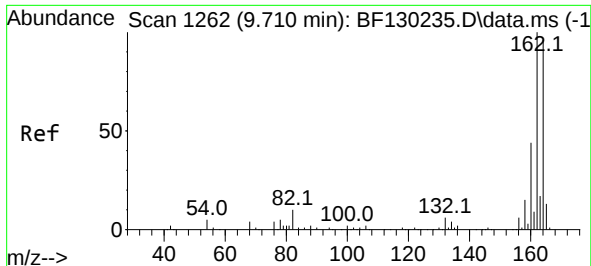
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#38
1-Methylnaphthalene
Concen: 38.824 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:142 Resp: 739745
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF130375.D

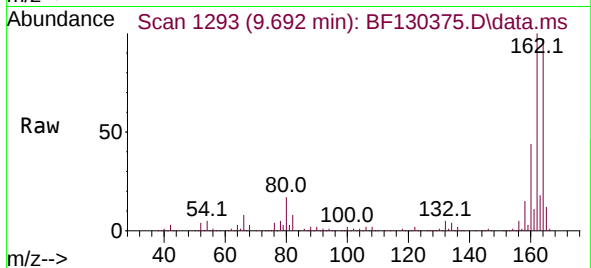
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS



Tgt Ion:164 Resp: 308359

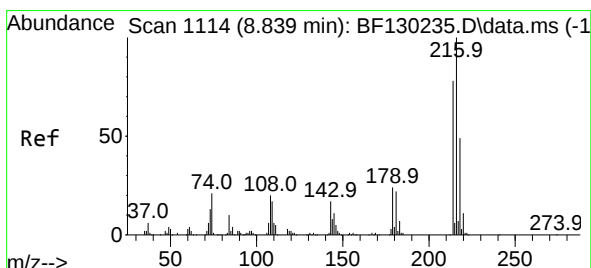
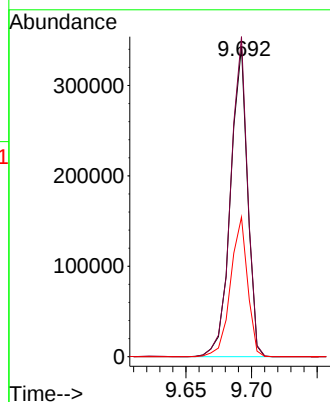
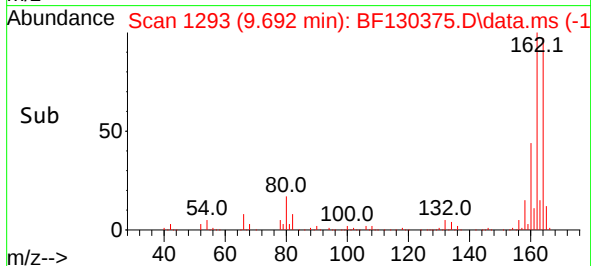
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	44.9	36.2	54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#40

1,2,4,5-Tetrachlorobenzene

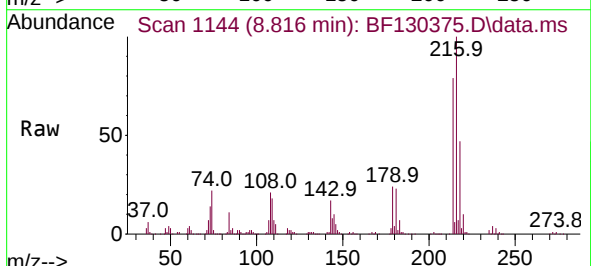
Concen: 42.986 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

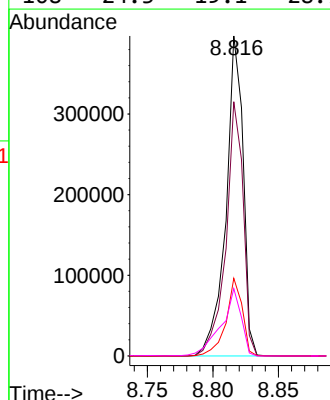
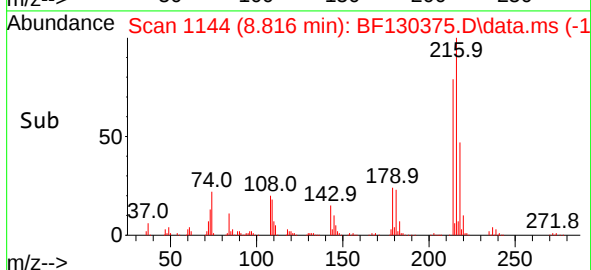
Lab File: BF130375.D

Acq: 22 Sep 2022 13:51



Tgt Ion:216 Resp: 361736

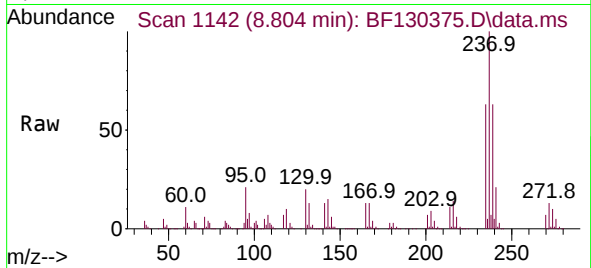
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.8	94.2
179	23.0	19.5	29.3
108	24.3	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 104.891 ng
RT: 8.804 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

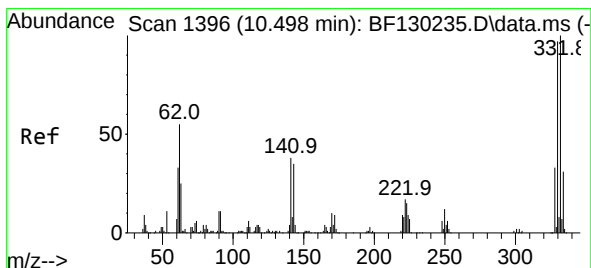
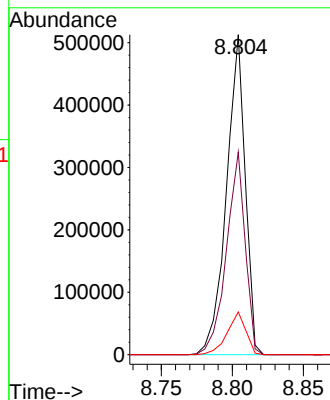
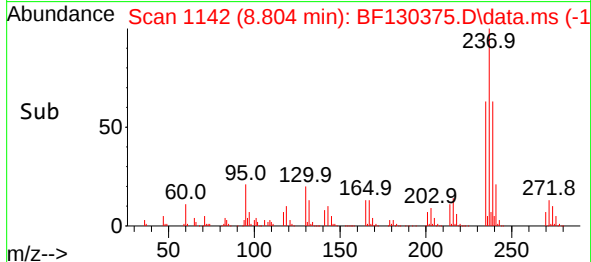
Instrument :
BNA_F
ClientSampleId :
PB147825BS



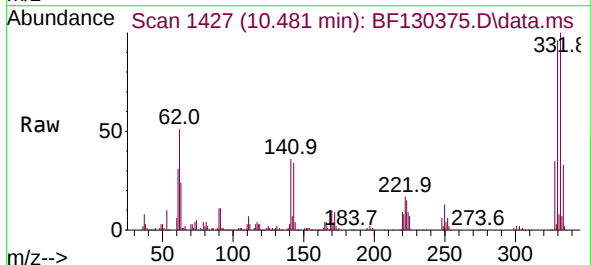
Tgt Ion: 237 Resp: 472581
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 13.3 0.0 32.8

Manual Integrations
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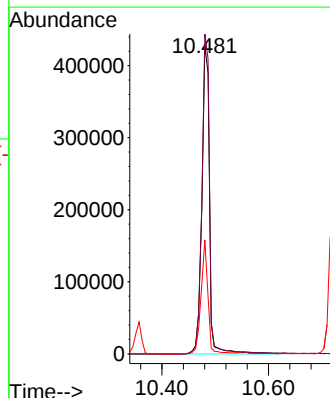
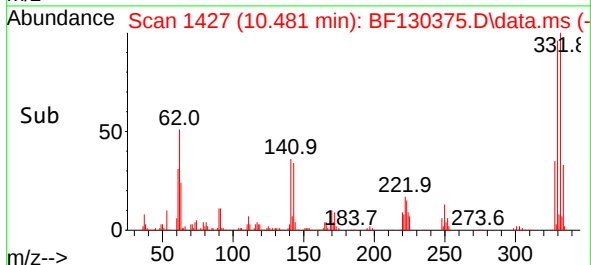
Reviewed By : Christian Giraldo 09/23/2022
Supervised By : Jagrut Upadhyay 09/23/2022

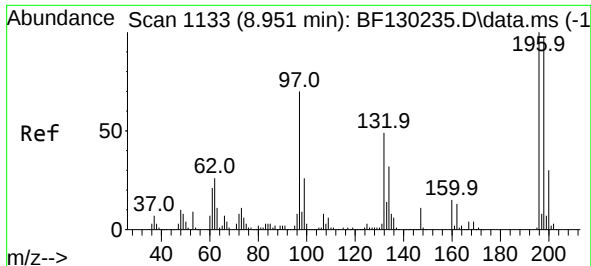


#42
2,4,6-Tribromophenol
Concen: 143.279 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion: 330 Resp: 423343
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 33.6 34.0 51.0#





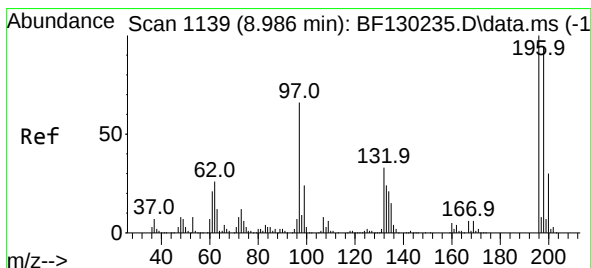
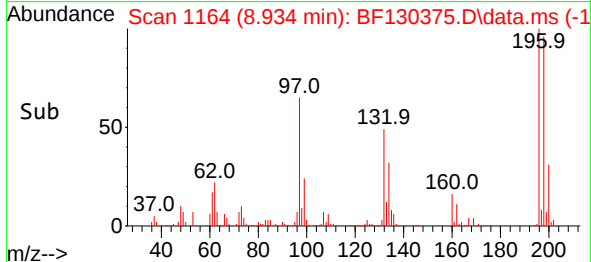
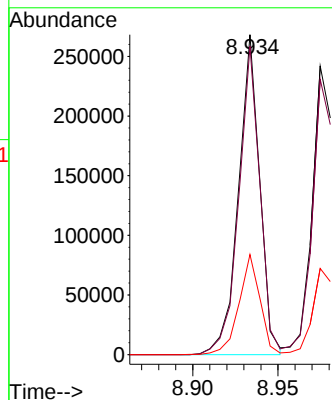
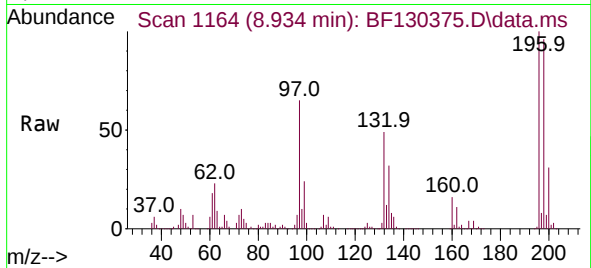
#43
2,4,6-Trichlorophenol
Concen: 39.452 ng
RT: 8.934 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:196 Resp: 23170
Ion Ratio Lower Upper
196 100
198 96.4 72.4 108.6
200 31.3 23.8 35.6

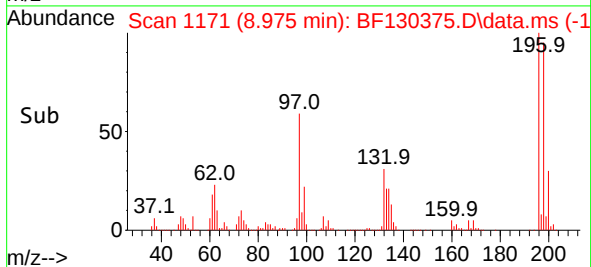
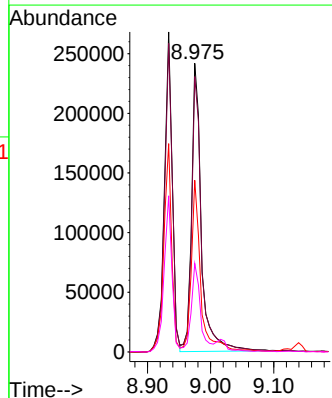
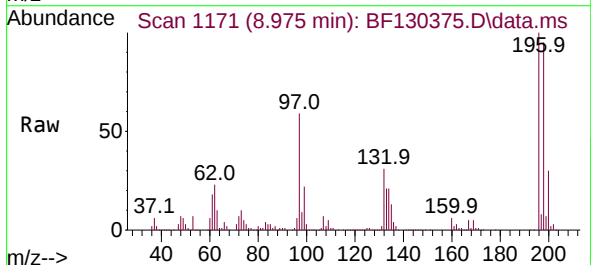
Manual Integrations
APPROVED

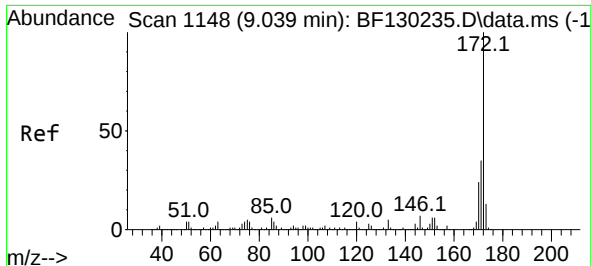
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#44
2,4,5-Trichlorophenol
Concen: 41.051 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

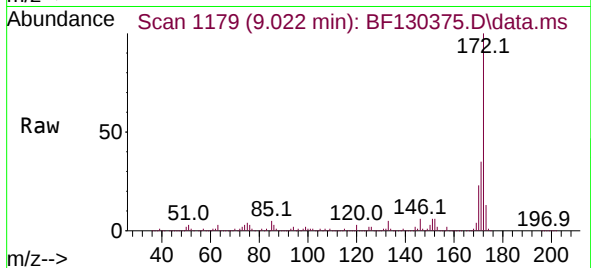
Tgt Ion:196 Resp: 260170
Ion Ratio Lower Upper
196 100
198 95.4 74.8 112.2
97 59.5 43.7 65.5
132 30.6 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 78.423 ng
RT: 9.022 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

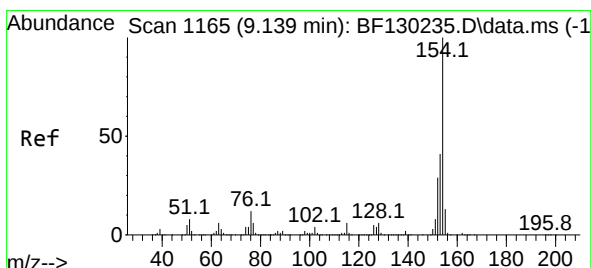
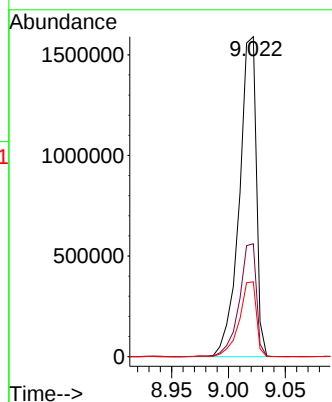
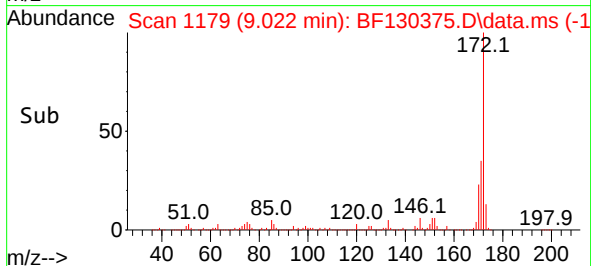
Instrument :
BNA_F
ClientSampleId :
PB147825BS



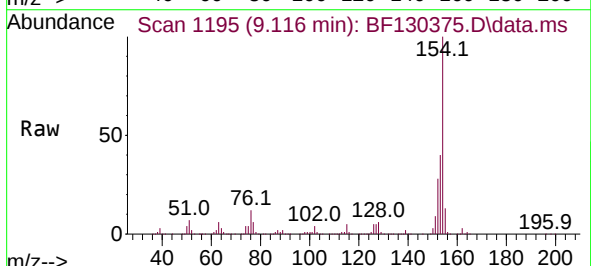
Tgt Ion:172 Resp: 166065
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1

Manual Integrations
APPROVED

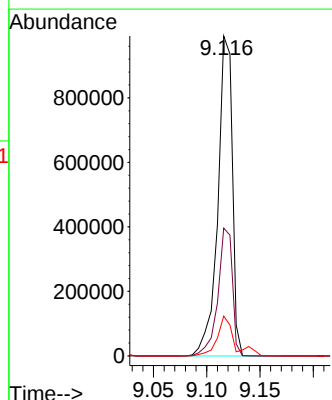
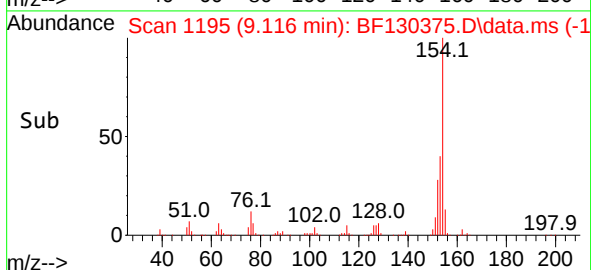
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

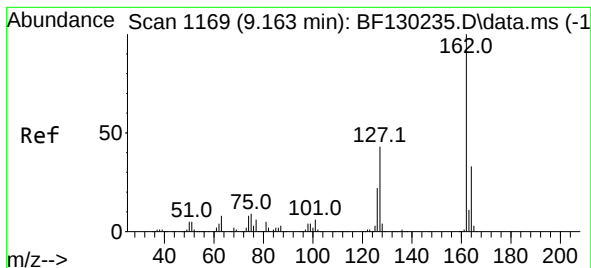


#46
1,1'-Biphenyl
Concen: 40.982 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:154 Resp: 943801
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 12.4 0.0 33.3





#47
2-Chloronaphthalene
Concen: 39.647 ng
RT: 9.139 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

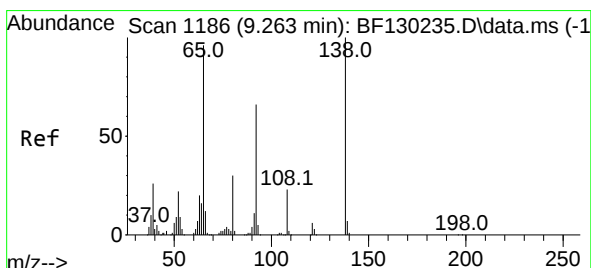
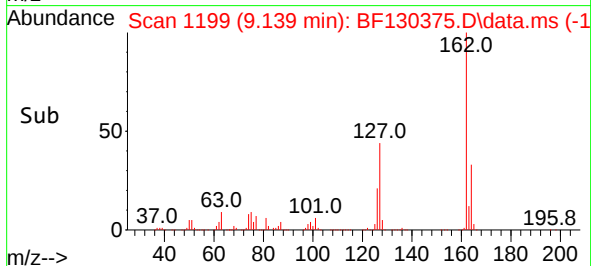
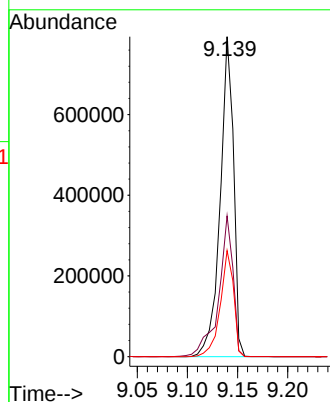
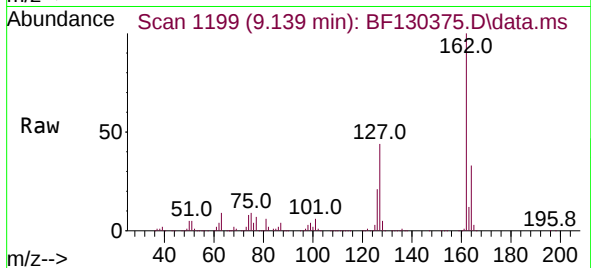
ClientSampleId :

PB147825BS

Tgt Ion:162 Resp: 73859
Ion Ratio Lower Upper
162 100
127 44.0 35.9 53.9
164 33.1 26.2 39.2

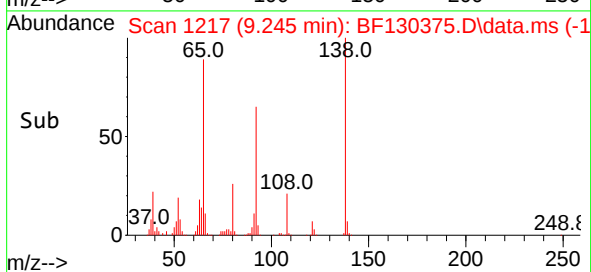
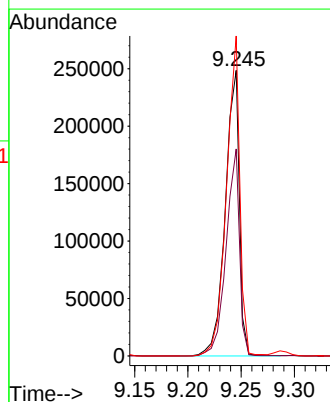
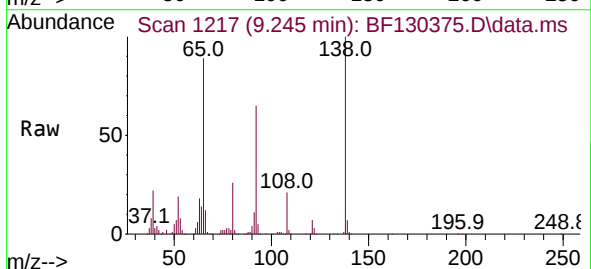
Manual Integrations
APPROVED

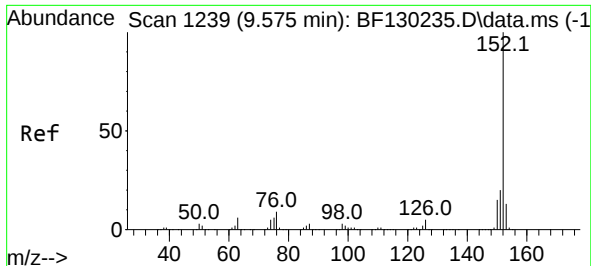
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#48
2-Nitroaniline
Concen: 36.762 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

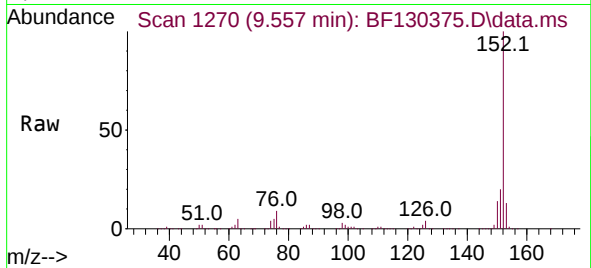
Tgt Ion: 65 Resp: 228424
Ion Ratio Lower Upper
65 100
92 72.5 52.2 78.4
138 112.1 77.0 115.4





#49
Acenaphthylene
Concen: 39.033 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

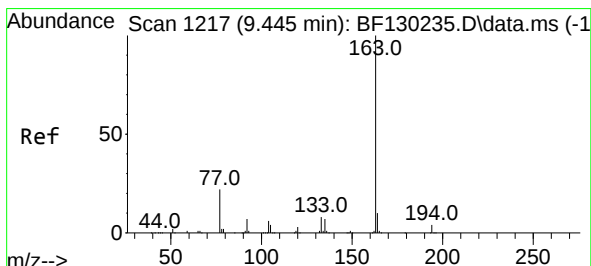
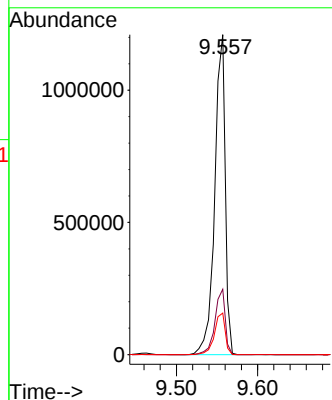
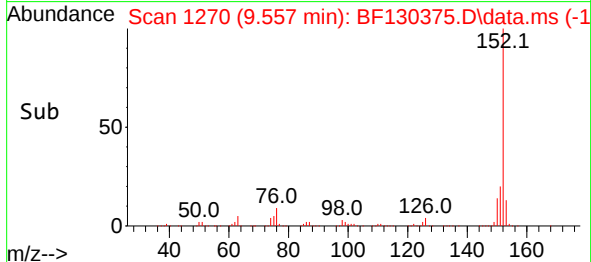
Instrument :
BNA_F
ClientSampleId :
PB147825BS



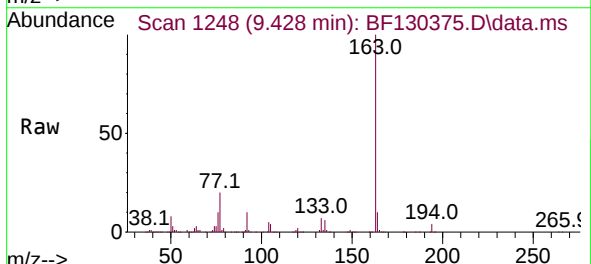
Tgt Ion:152 Resp: 1090273
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
APPROVED

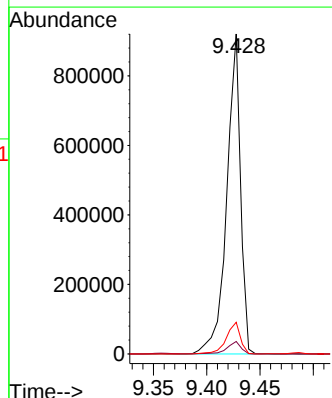
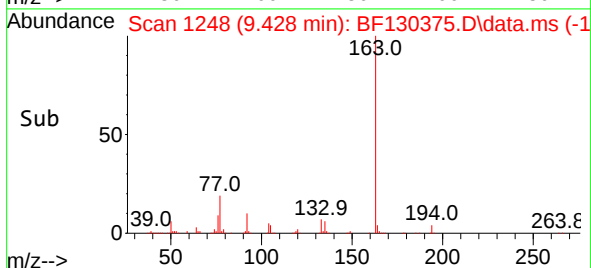
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

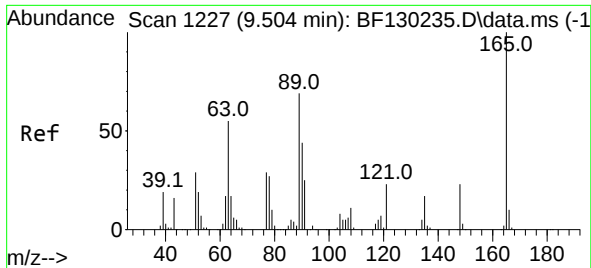


#50
Dimethylphthalate
Concen: 38.882 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:163 Resp: 828201
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.9 8.2 12.2





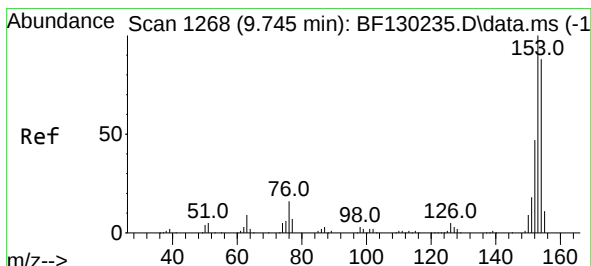
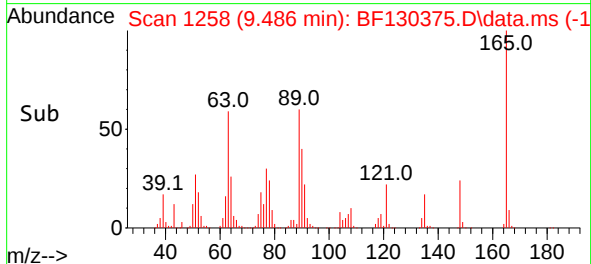
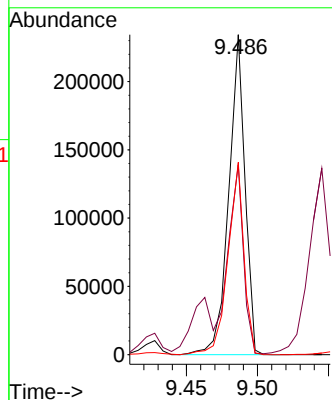
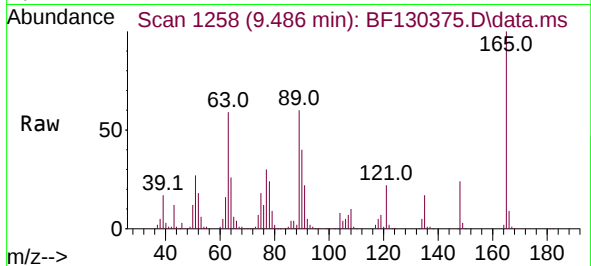
#51
2,6-Dinitrotoluene
Concen: 41.859 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:165 Resp: 186466
Ion Ratio Lower Upper
165 100
63 59.4 58.8 88.2
89 60.1 54.5 81.7

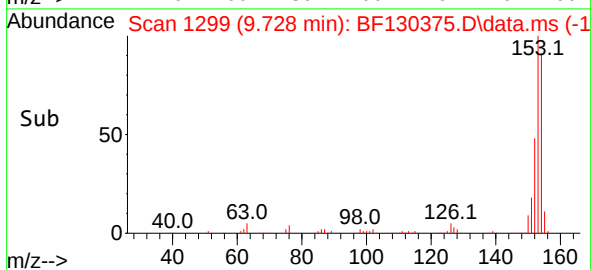
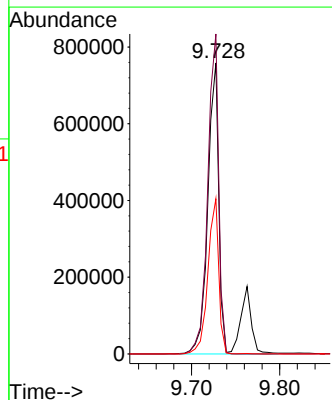
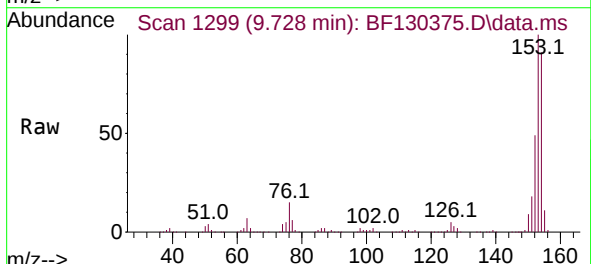
Manual Integrations
APPROVED

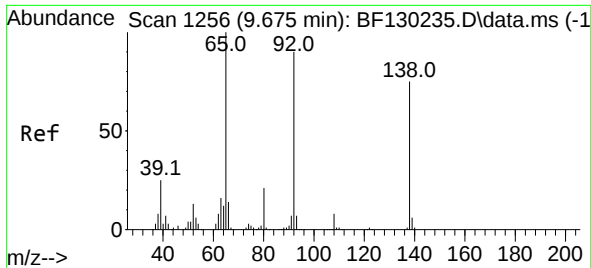
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#52
Acenaphthene
Concen: 43.430 ng m
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

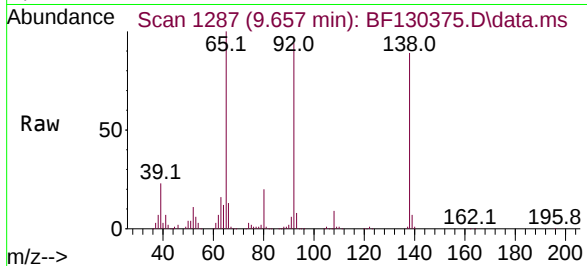
Tgt Ion:154 Resp: 797043
Ion Ratio Lower Upper
154 100
153 110.0 90.6 136.0
152 53.3 43.8 65.6





#53
3-Nitroaniline
Concen: 30.034 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

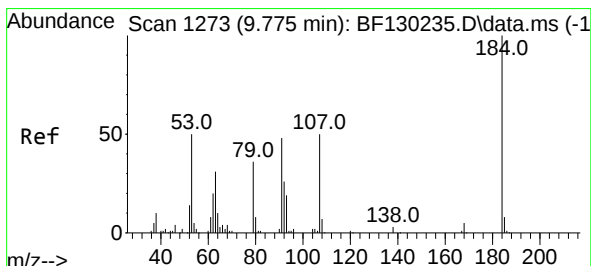
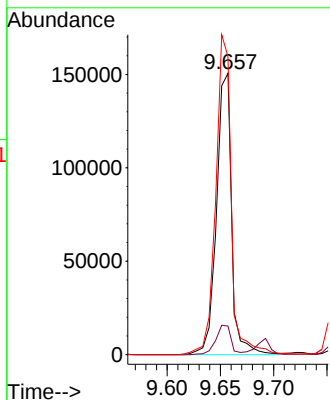
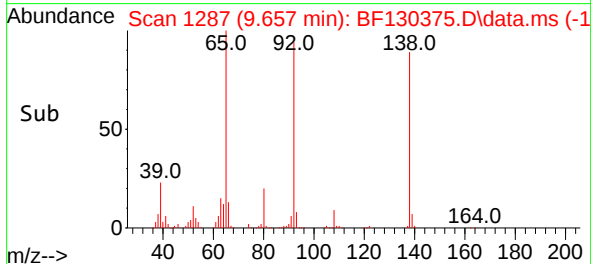
Instrument :
BNA_F
ClientSampleId :
PB147825BS



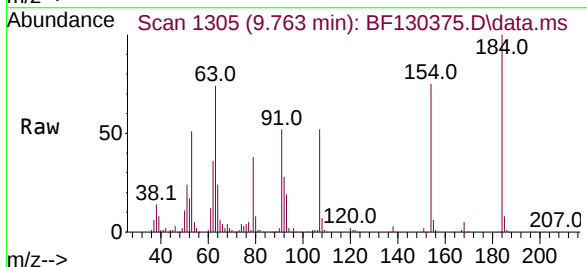
Tgt Ion:138 Resp: 149084
Ion Ratio Lower Upper
138 100
108 10.2 9.2 13.8
92 105.9 99.2 148.8

Manual Integrations
APPROVED

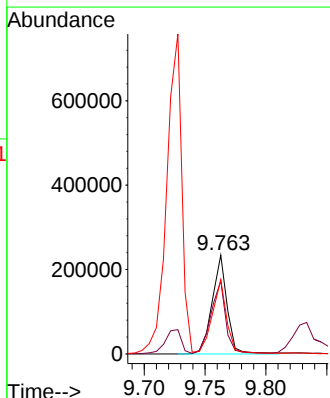
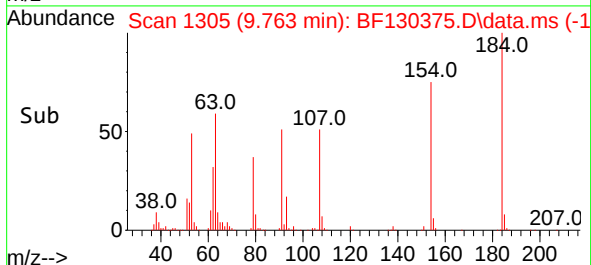
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

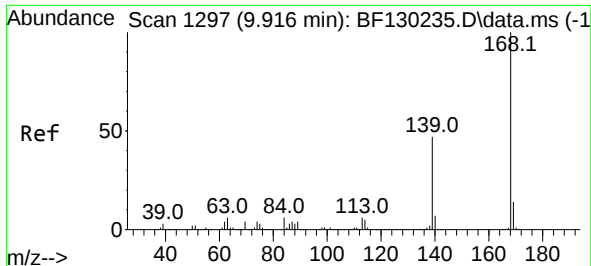


#54
2,4-Dinitrophenol
Concen: 82.713 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:184 Resp: 200431
Ion Ratio Lower Upper
184 100
63 74.0 70.0 105.0
154 75.1 63.0 94.6





#55

Dibenzenofuran

Concen: 38.796 ng

RT: 9.898 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

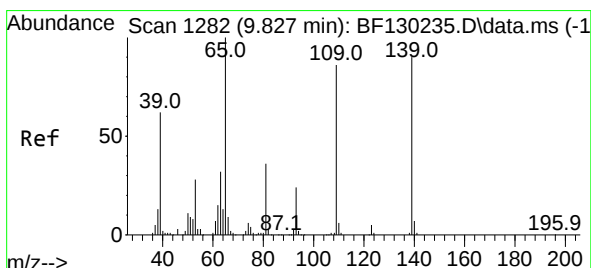
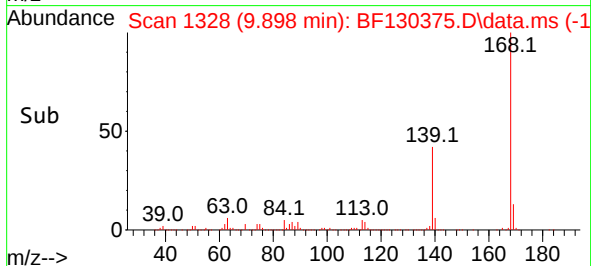
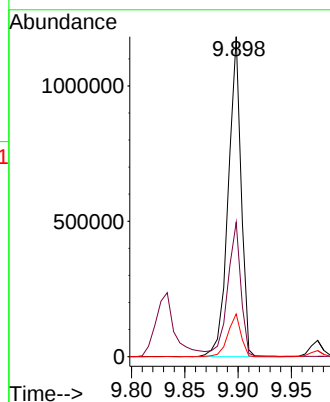
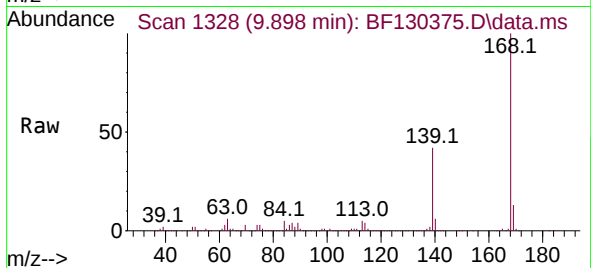
Tgt Ion:	168	Resp:	990339
Ion Ratio	Lower	Upper	
168	100		
139	42.0	35.0	52.4
169	13.3	10.9	16.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#56

4-Nitrophenol

Concen: 82.133 ng

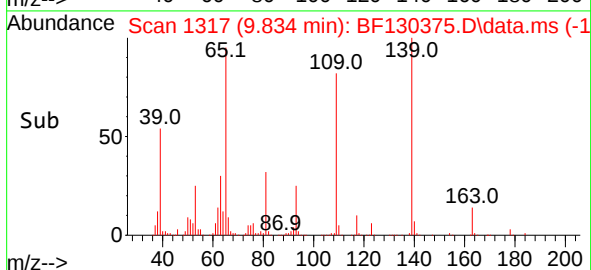
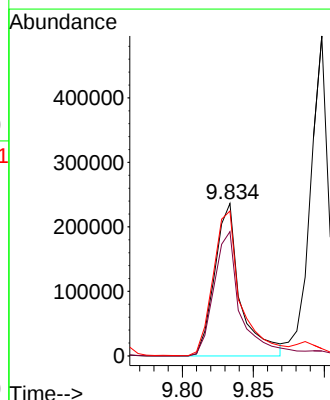
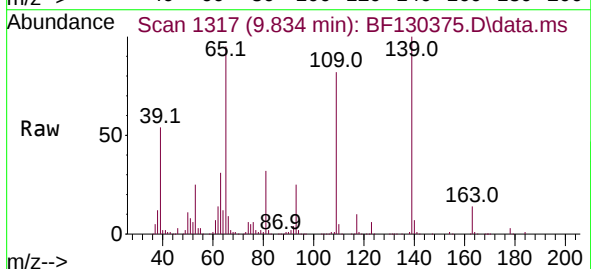
RT: 9.834 min Scan# 1317

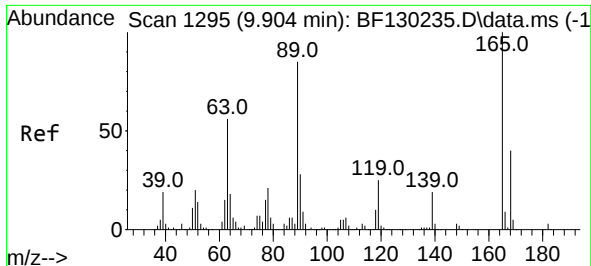
Delta R.T. 0.018 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Tgt Ion:	139	Resp:	296942
Ion Ratio	Lower	Upper	
139	100		
109	81.5	72.2	112.2
65	95.1	97.7	137.7#





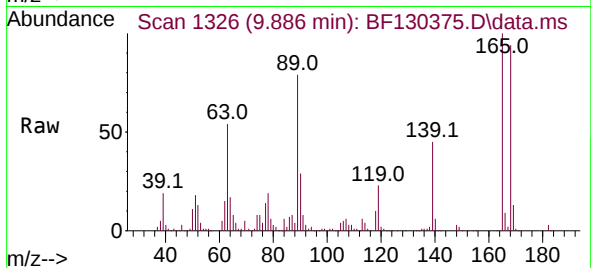
#57
2,4-Dinitrotoluene
Concen: 43.836 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

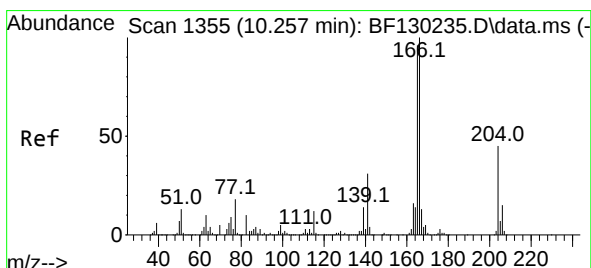
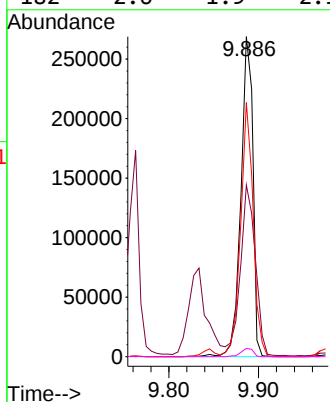
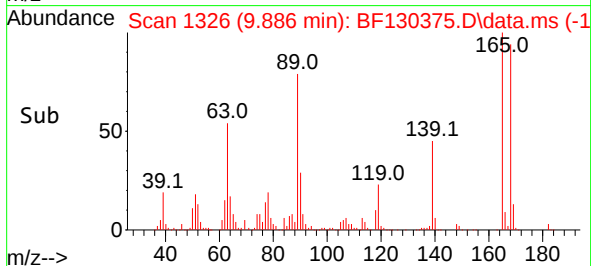


Tgt Ion:165 Resp: 249566
Ion Ratio Lower Upper
165 100
63 53.6 44.7 67.1
89 79.4 69.0 103.4
182 2.6 1.9 2.9

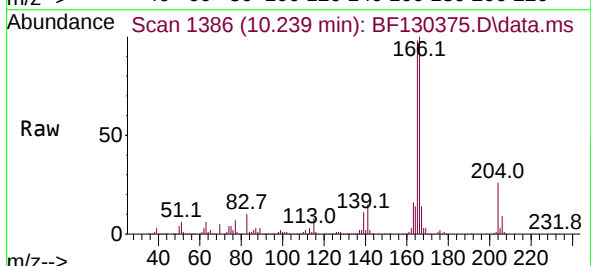
Manual Integrations

APPROVED

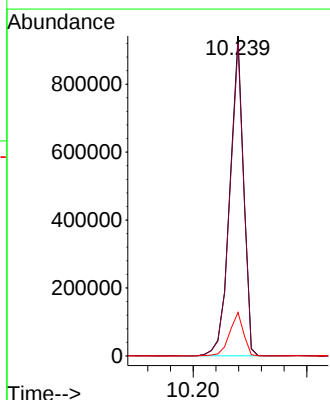
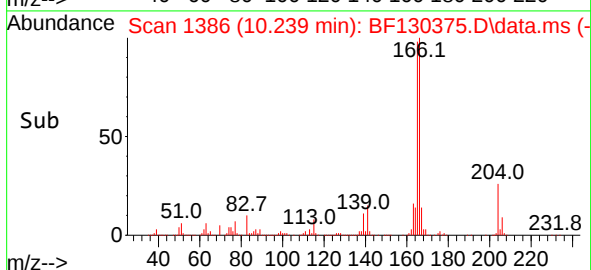
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

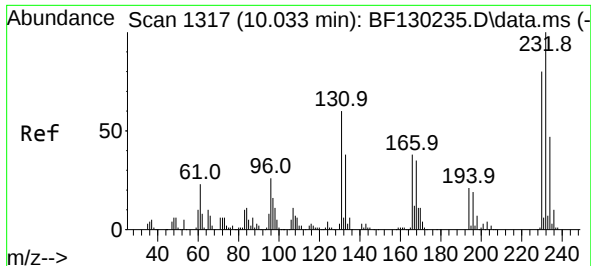


#58
Fluorene
Concen: 37.863 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



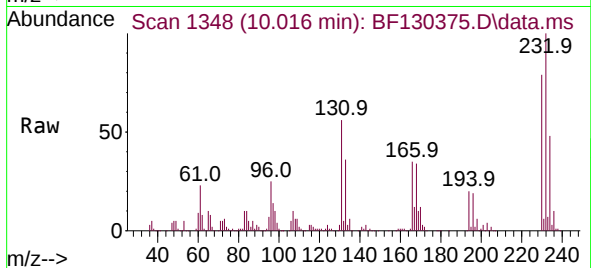
Tgt Ion:166 Resp: 790445
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.148 ng
RT: 10.016 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

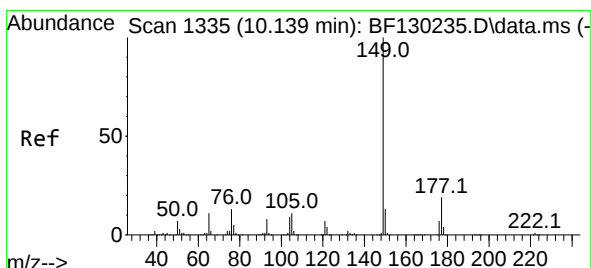
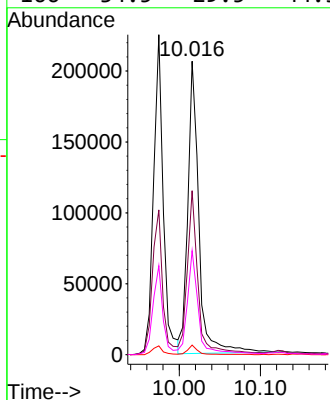
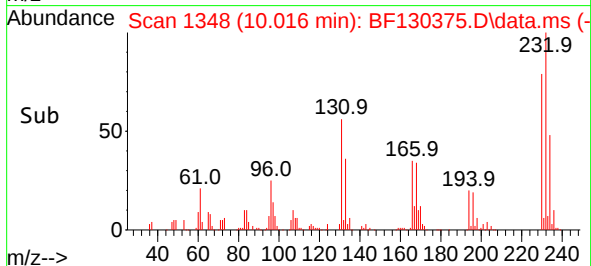
Instrument :
BNA_F
ClientSampleId :
PB147825BS



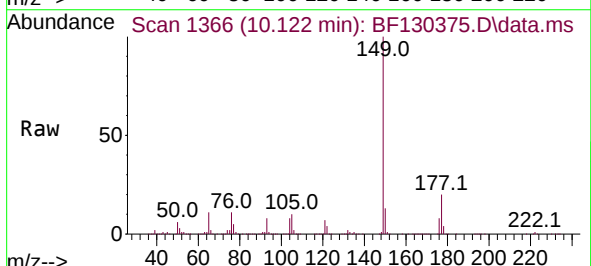
Tgt Ion:232 Resp: 194197
Ion Ratio Lower Upper
232 100
131 52.8 46.4 69.6
130 3.0 2.3 3.5
166 34.5 29.5 44.3

Manual Integrations
APPROVED

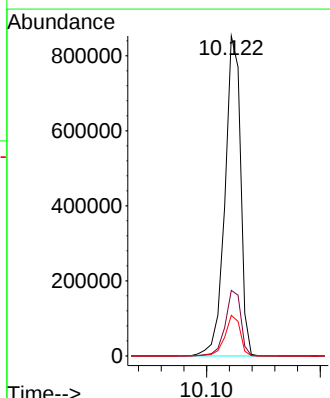
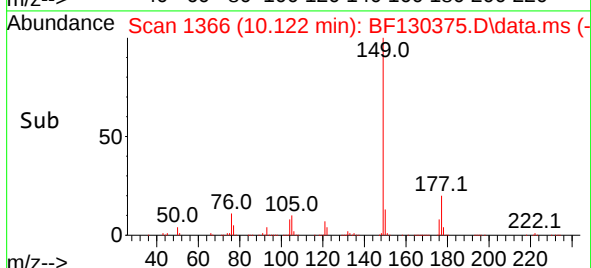
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

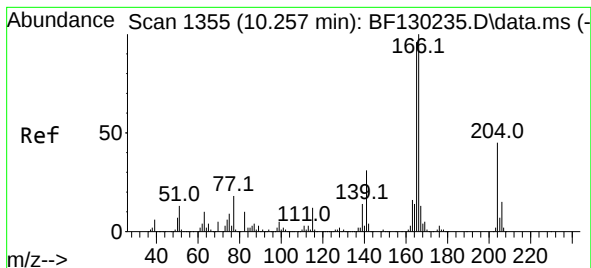


#60
Diethylphthalate
Concen: 37.947 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:149 Resp: 810552
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.218 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

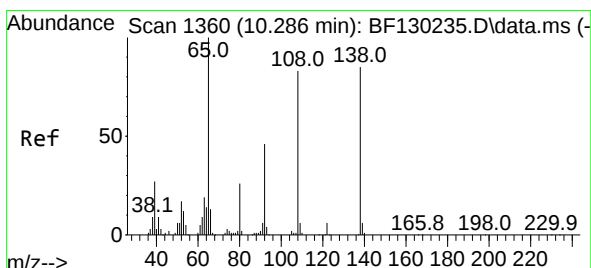
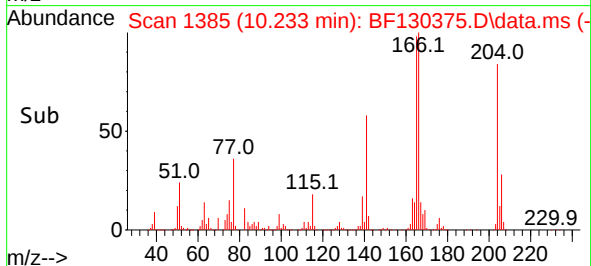
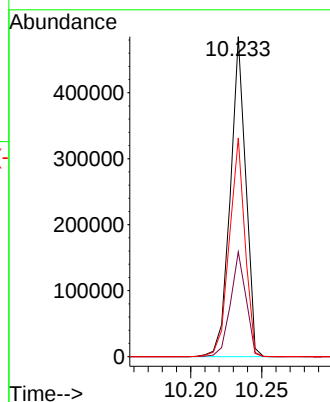
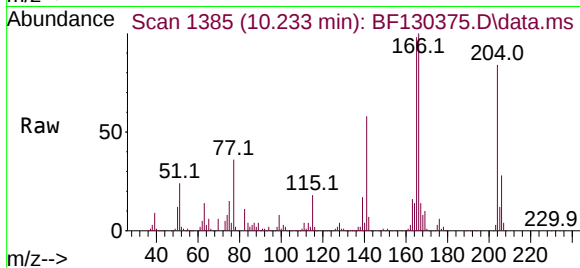
PB147825BS

Tgt Ion:204 Resp: 368313
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 68.3 57.1 85.7

Manual Integrations

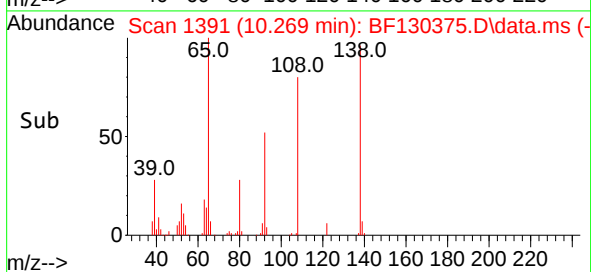
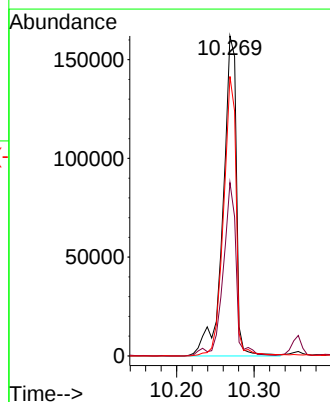
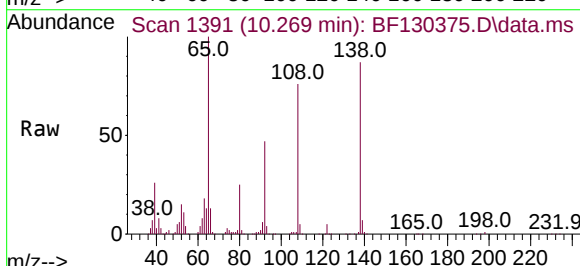
APPROVED

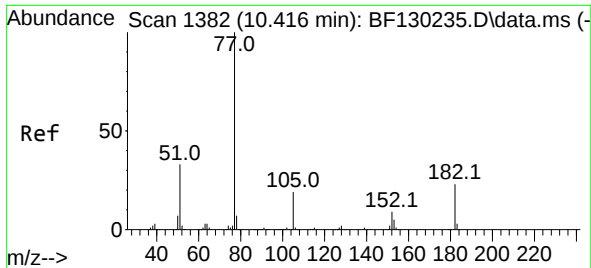
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#62
4-Nitroaniline
Concen: 38.992 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:138 Resp: 194432
Ion Ratio Lower Upper
138 100
92 54.2 36.7 76.7
108 87.3 78.2 118.2





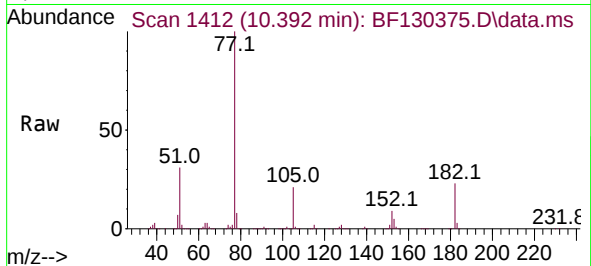
#63
Azobenzene
Concen: 34.643 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

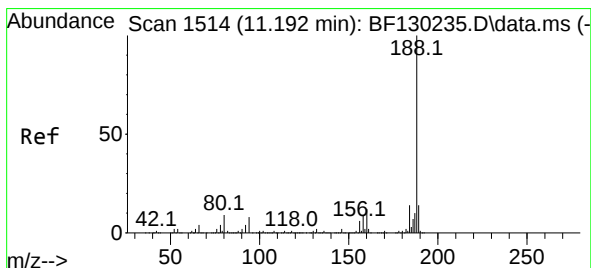
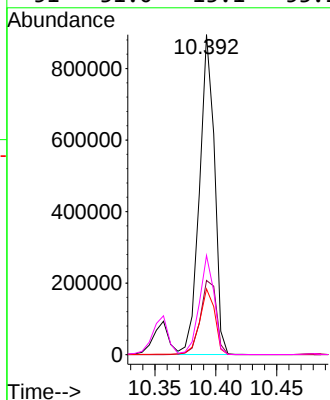
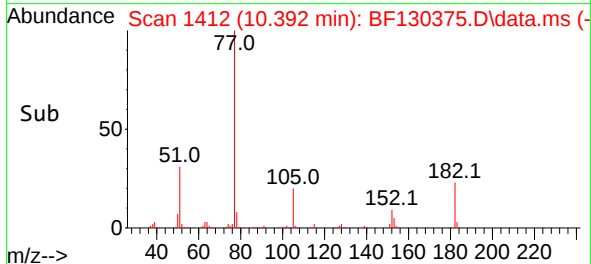


Tgt Ion: 77 Resp: 761945
Ion Ratio Lower Upper
77 100
182 23.2 2.1 42.1
105 20.5 0.0 39.4
51 31.0 13.1 53.1

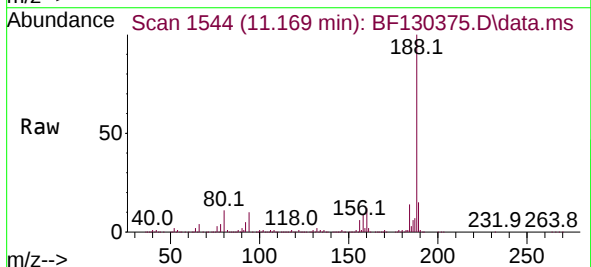
Manual Integrations

APPROVED

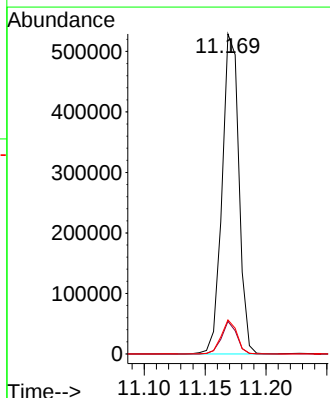
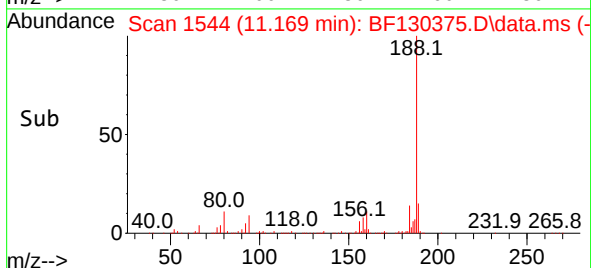
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

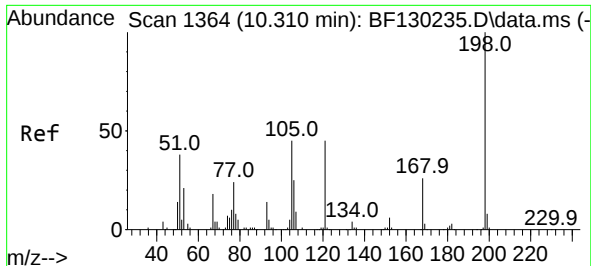


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:188 Resp: 507727
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.6 7.9 11.9





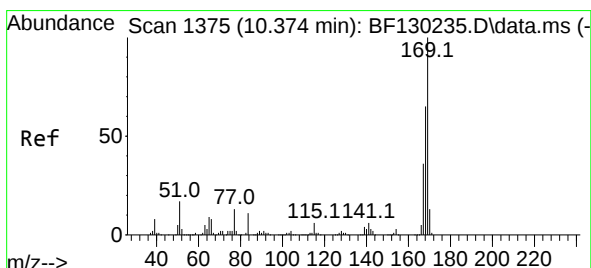
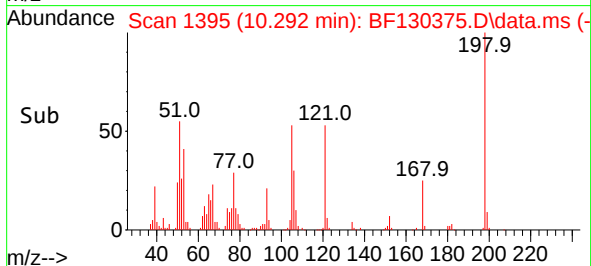
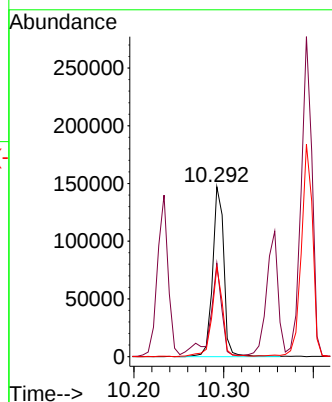
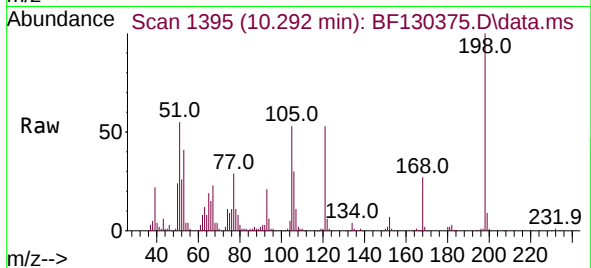
#65
4,6-Dinitro-2-methylphenol
Concen: 45.464 ng
RT: 10.292 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:198 Resp: 128498
Ion Ratio Lower Upper
198 100
51 54.9 36.9 76.9
105 52.8 33.0 73.0

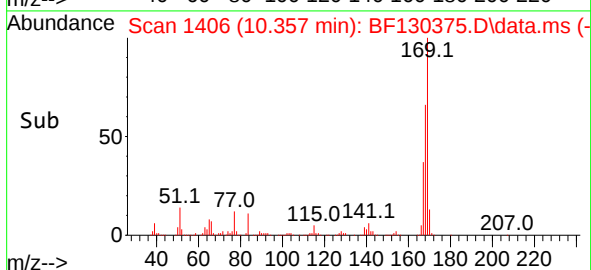
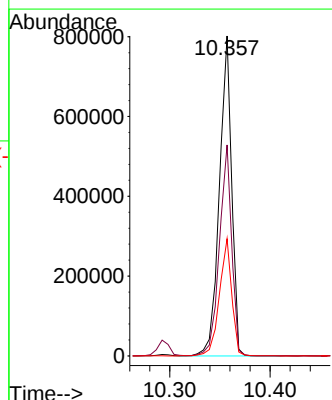
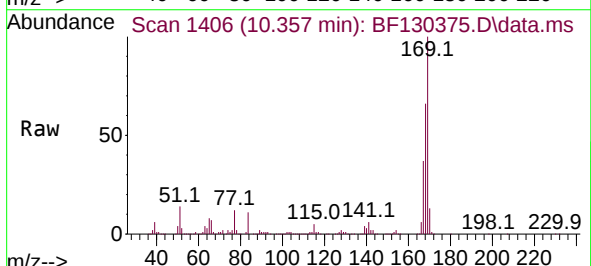
Manual Integrations
APPROVED

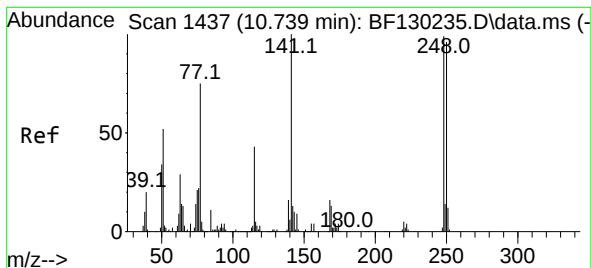
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#66
n-Nitrosodiphenylamine
Concen: 40.397 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Tgt Ion:169 Resp: 685408
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.6 29.2 43.8





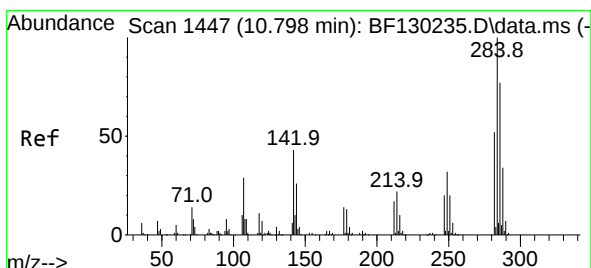
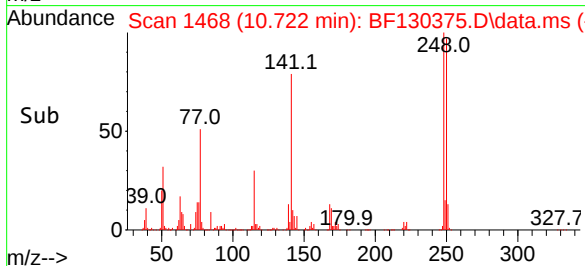
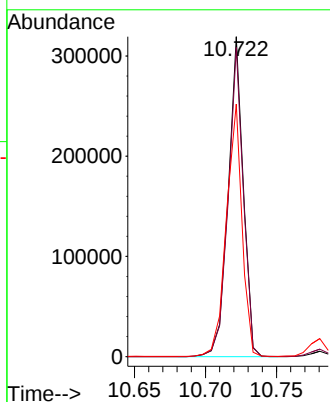
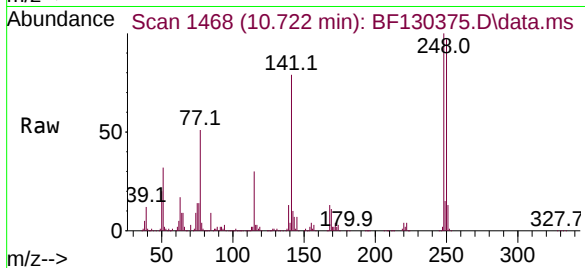
#67
4-Bromophenyl-phenylether
Concen: 42.323 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:248 Resp: 237053
Ion Ratio Lower Upper
248 100
250 96.6 80.0 120.0
141 78.9 68.5 102.7

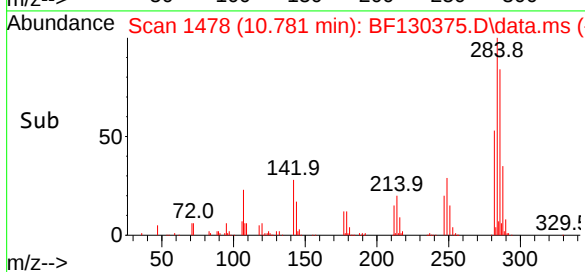
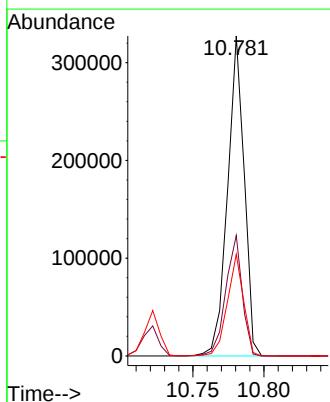
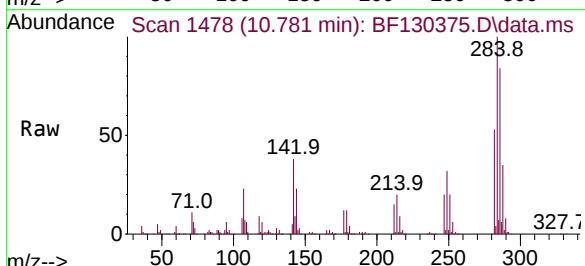
Manual Integrations
APPROVED

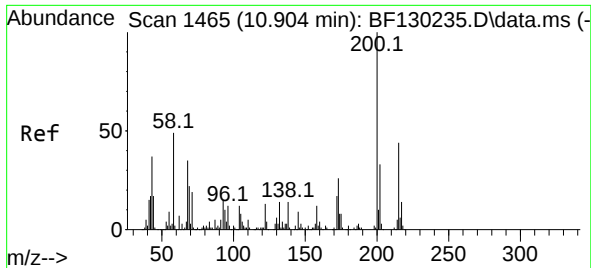
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#68
Hexachlorobenzene
Concen: 42.011 ng
RT: 10.781 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

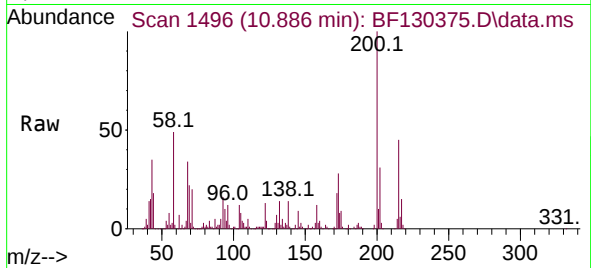
Tgt Ion:284 Resp: 266738
Ion Ratio Lower Upper
284 100
142 37.6 27.2 40.8
249 31.8 23.8 35.8





#69
 Atrazine
 Concen: 44.365 ng
 RT: 10.886 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

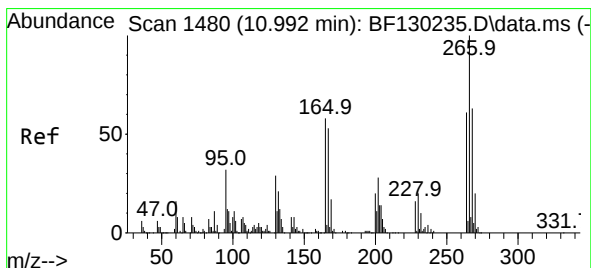
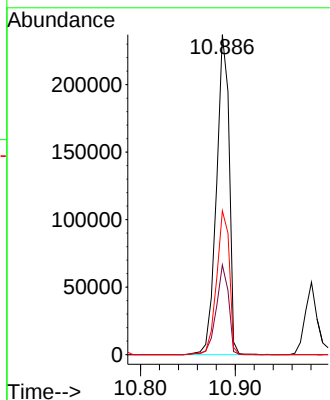
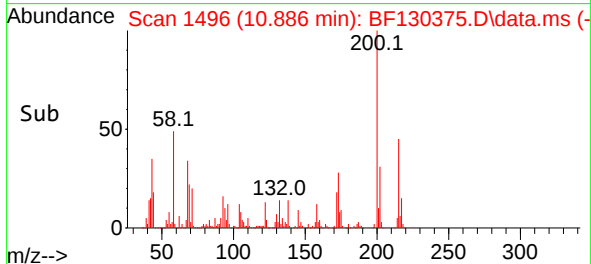
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS



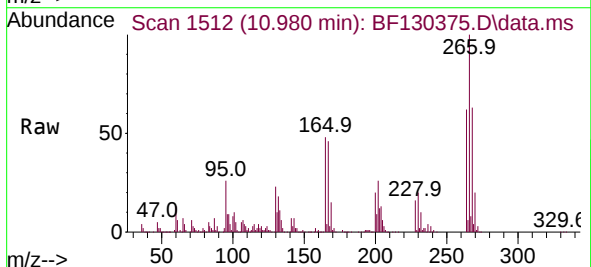
Tgt Ion:200 Resp: 219975
 Ion Ratio Lower Upper
 200 100
 173 28.0 6.2 46.2
 215 44.9 22.5 62.5

Manual Integrations
 APPROVED

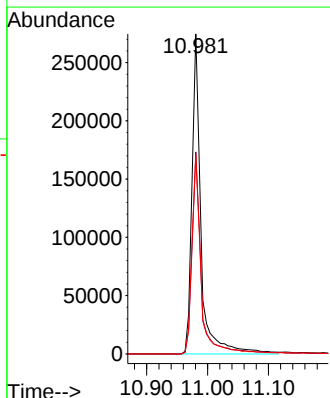
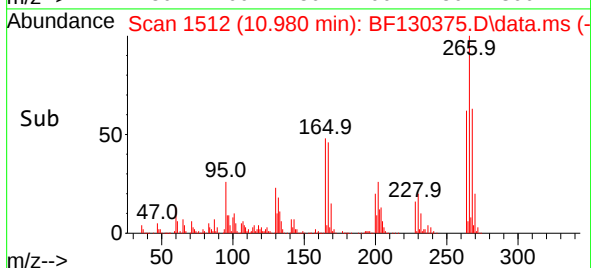
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022

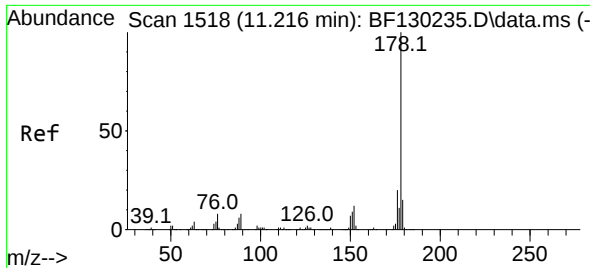


#70
 Pentachlorophenol
 Concen: 83.522 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. 0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51



Tgt Ion:266 Resp: 284603
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.5 75.7
 264 62.1 50.5 75.7





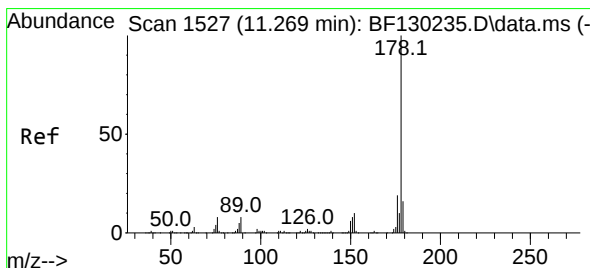
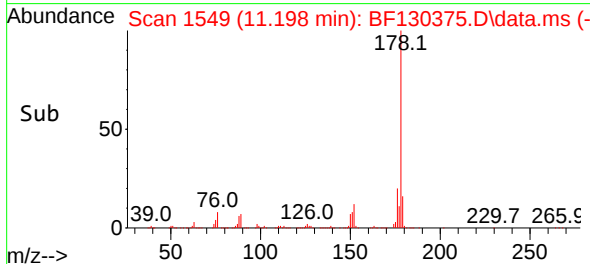
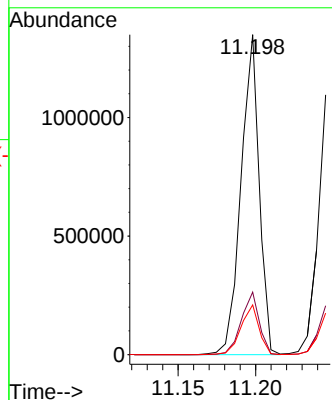
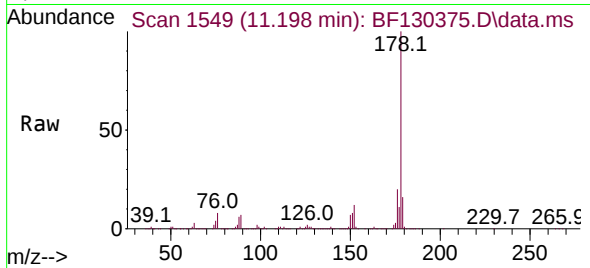
#71
Phenanthrene
Concen: 38.733 ng
RT: 11.198 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:178 Resp: 1104108
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.4 18.6

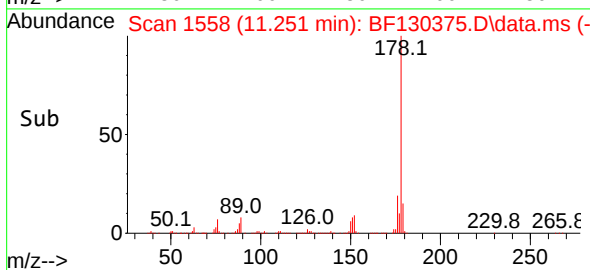
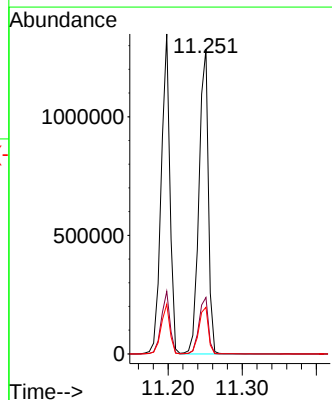
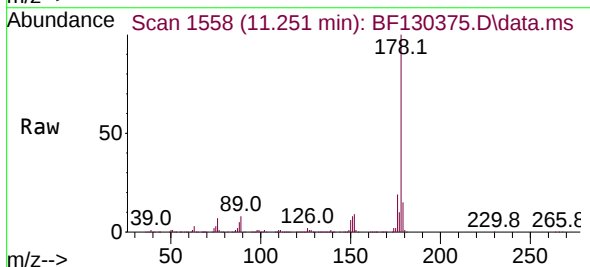
Manual Integrations
APPROVED

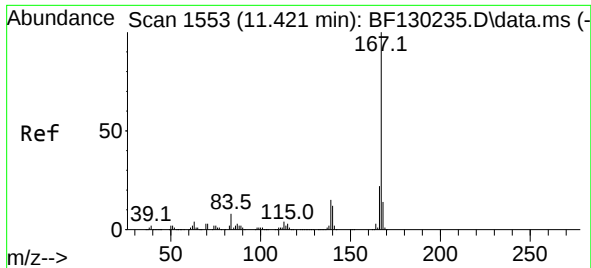
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#72
Anthracene
Concen: 40.964 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

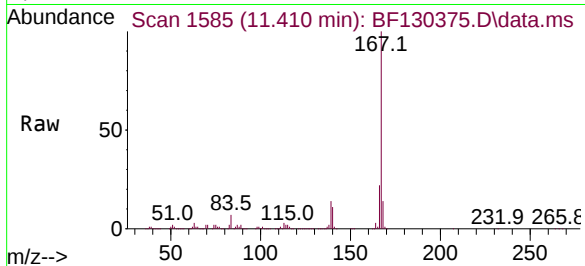
Tgt Ion:178 Resp: 1126858
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.7 19.1





#73
 Carbazole
 Concen: 41.153 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

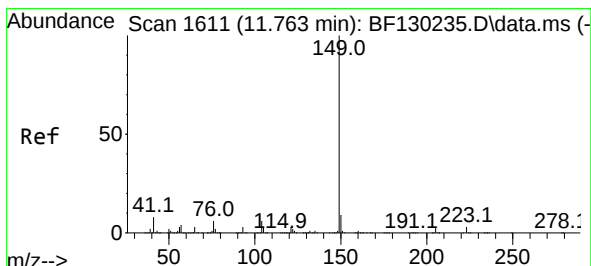
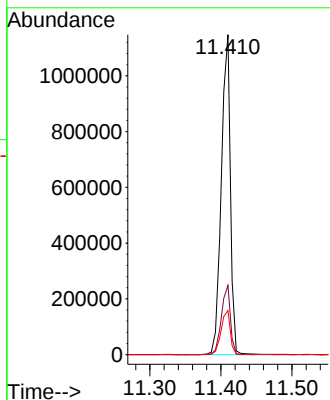
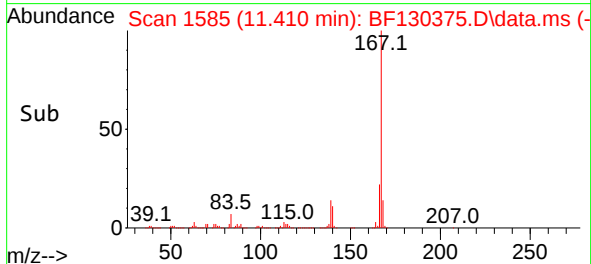
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS



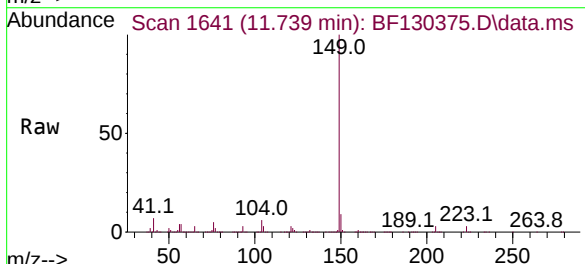
Tgt Ion:167 Resp: 1021672
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.8 11.6 17.4

Manual Integrations
 APPROVED

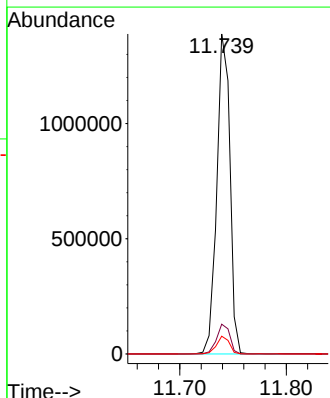
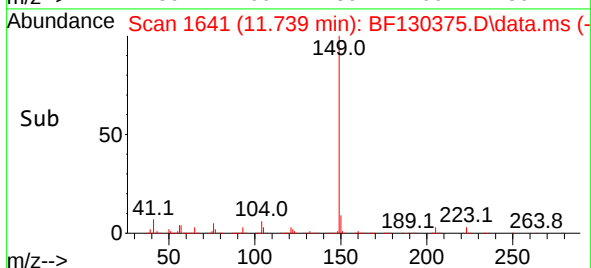
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022

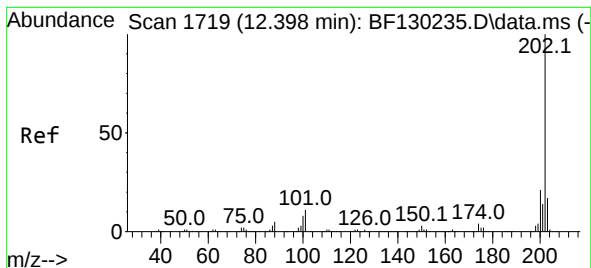


#74
 Di-n-butylphthalate
 Concen: 39.757 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51



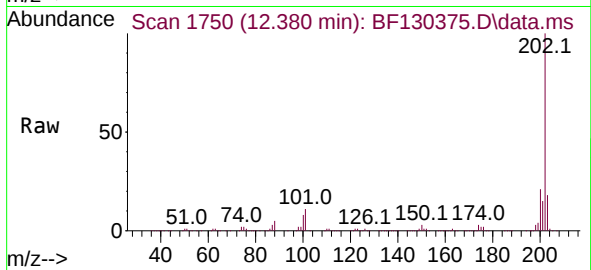
Tgt Ion:149 Resp: 1190228
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 40.644 ng
RT: 12.380 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

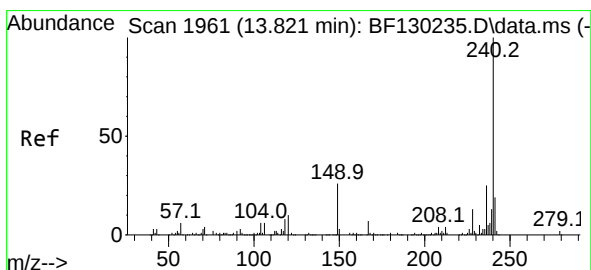
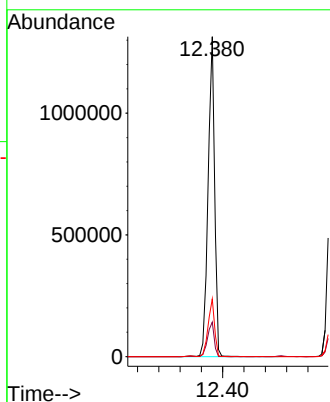
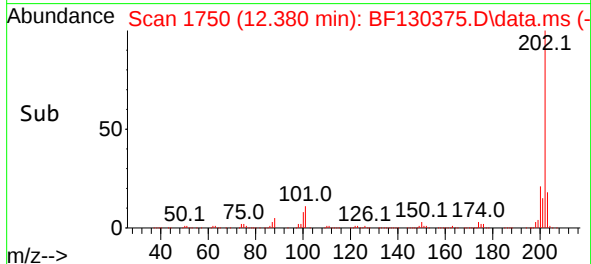
Instrument :
BNA_F
ClientSampleId :
PB147825BS



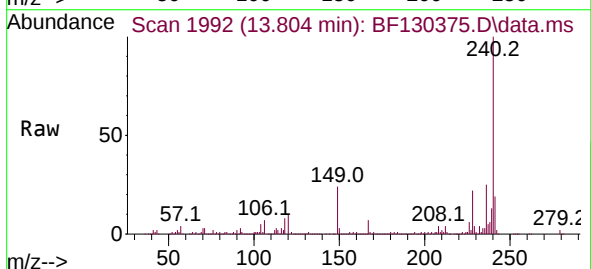
Tgt Ion:202 Resp: 1119552
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.8
203 18.0 0.0 37.8

Manual Integrations
APPROVED

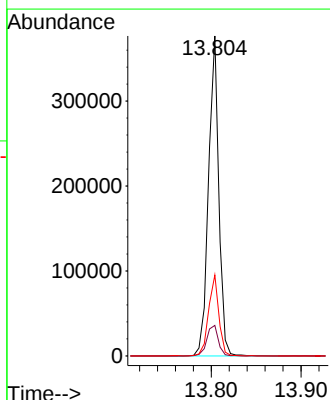
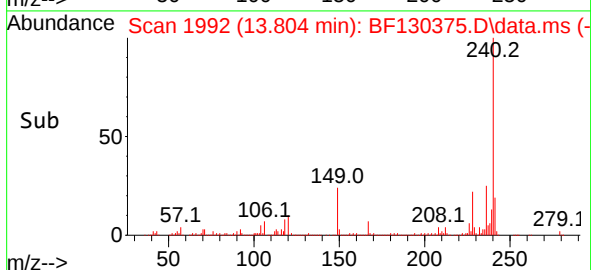
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

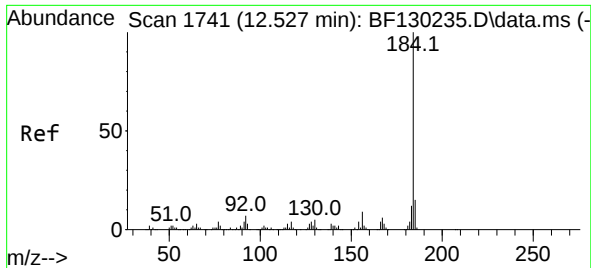


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:240 Resp: 299686
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 25.3 20.9 31.3





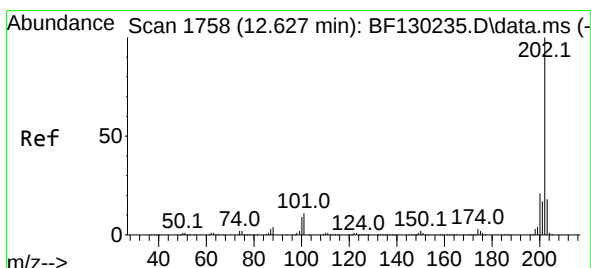
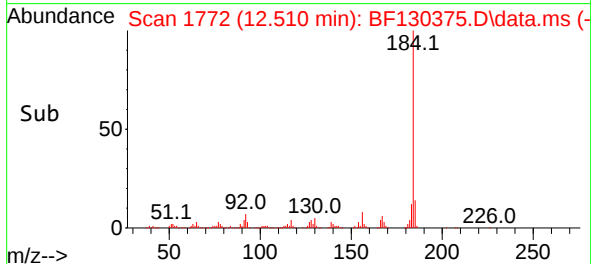
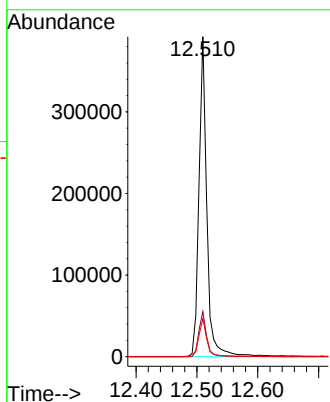
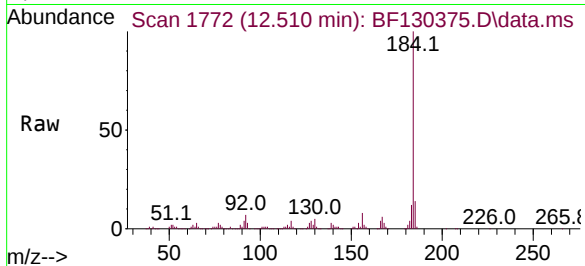
#77
Benzidine
Concen: 40.490 ng
RT: 12.510 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147825BS

Tgt Ion:184 Resp: 35224
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.8 9.1 13.7

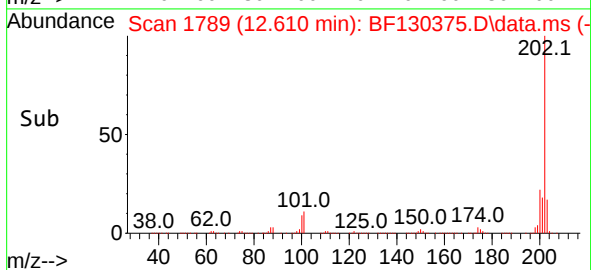
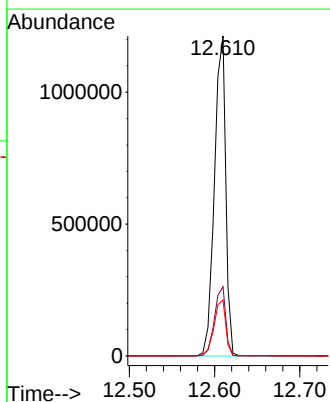
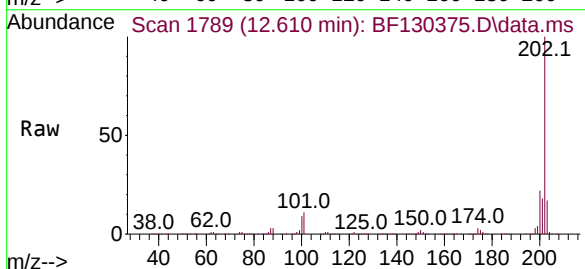
Manual Integrations
APPROVED

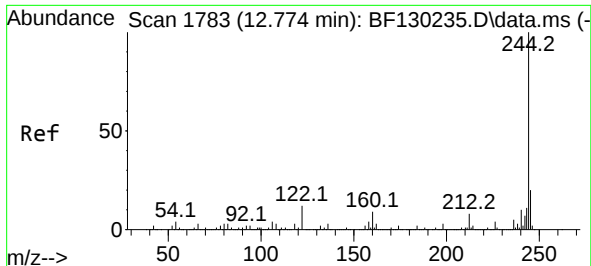
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#78
Pyrene
Concen: 42.570 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

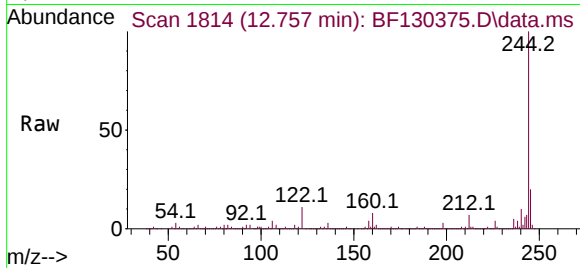
Tgt Ion:202 Resp: 1116040
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 93.318 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

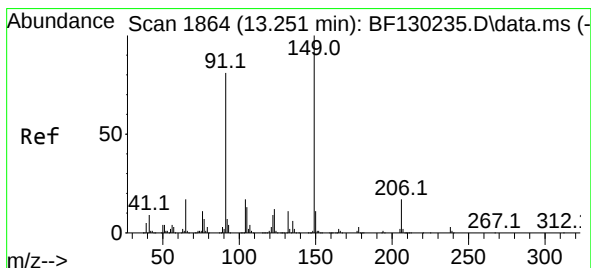
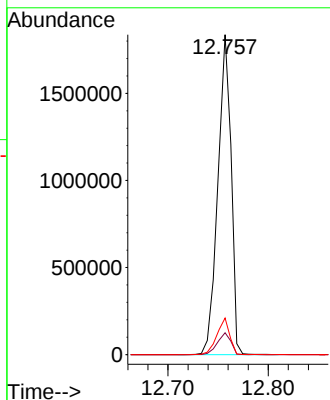
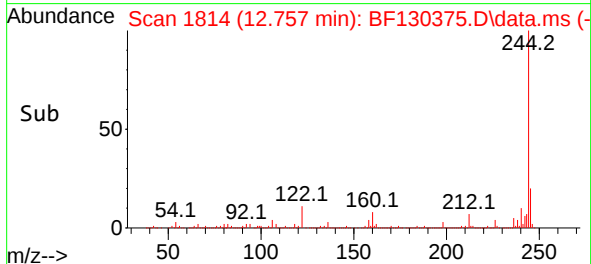
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS



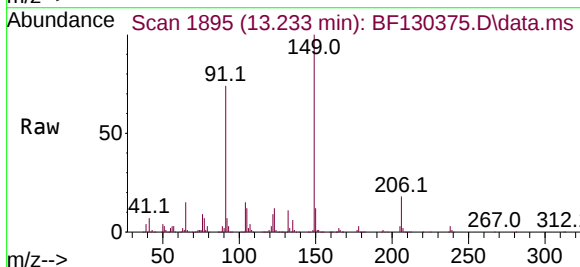
Tgt Ion:244 Resp: 1688281
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.4 8.5 12.7

Manual Integrations
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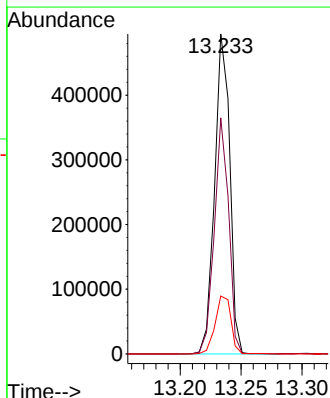
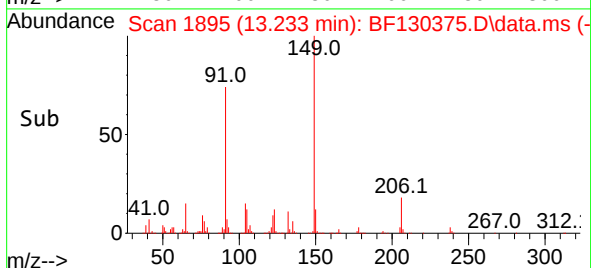
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022

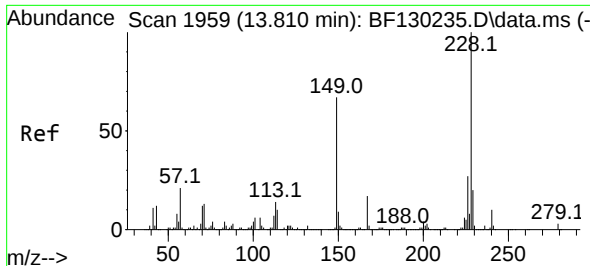


#80
 Butylbenzylphthalate
 Concen: 44.107 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51



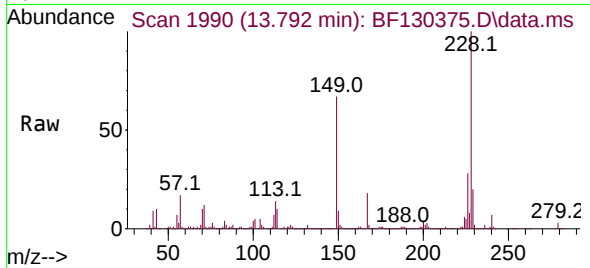
Tgt Ion:149 Resp: 428374
 Ion Ratio Lower Upper
 149 100
 91 73.8 59.8 89.8
 206 18.1 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.121 ng
RT: 13.792 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

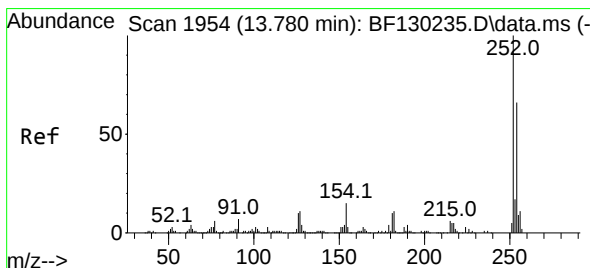
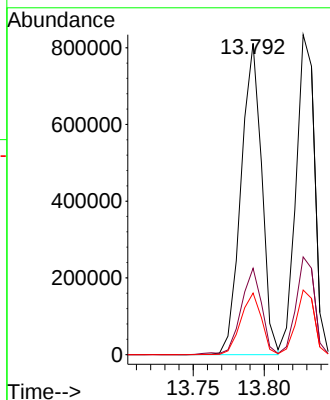
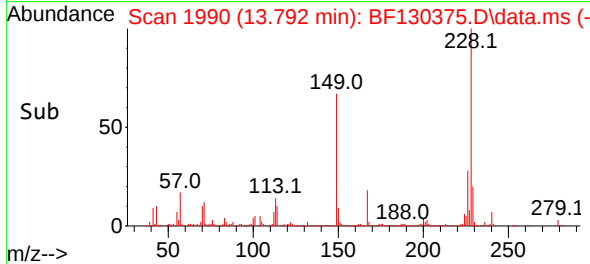
Instrument :
BNA_F
ClientSampleId :
PB147825BS



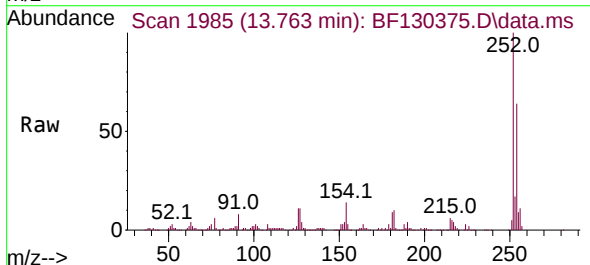
Tgt Ion:228 Resp: 819812
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 19.8 16.1 24.1

Manual Integrations
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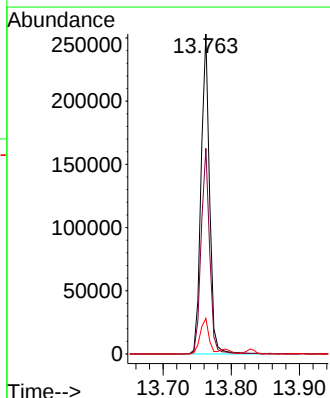
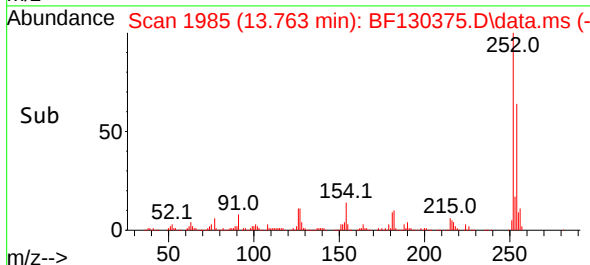
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

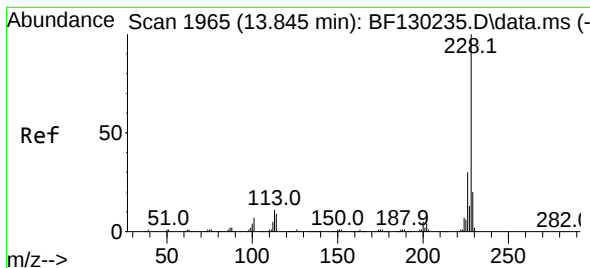


#82
3,3'-Dichlorobenzidine
Concen: 40.402 ng
RT: 13.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:252 Resp: 219261
Ion Ratio Lower Upper
252 100
254 64.2 51.1 76.7
126 11.1 10.4 15.6





#83

Chrysene

Concen: 40.255 ng

RT: 13.827 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130375.D

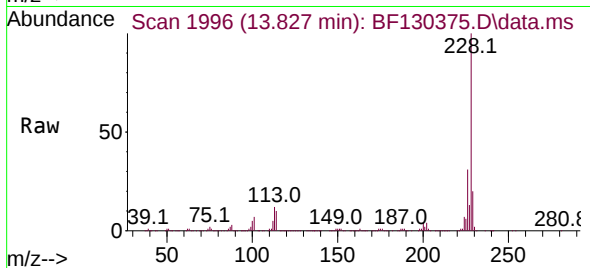
Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS



Tgt Ion:228 Resp: 762014

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

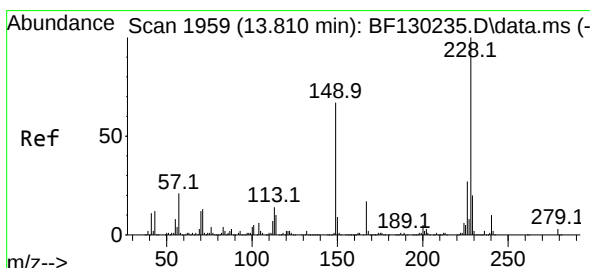
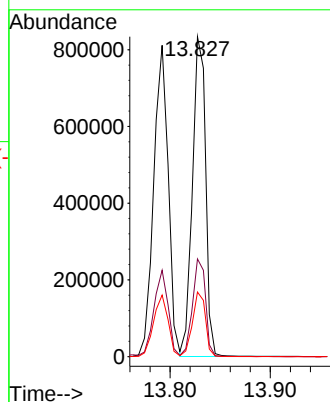
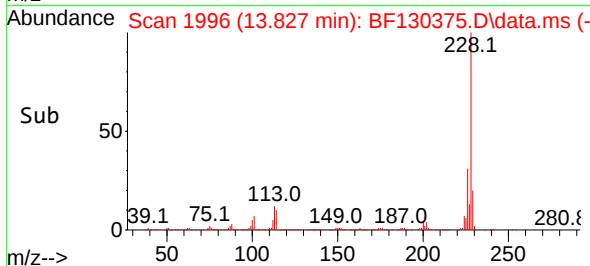
229 20.2 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.270 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

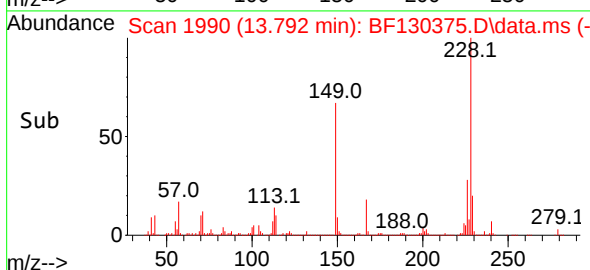
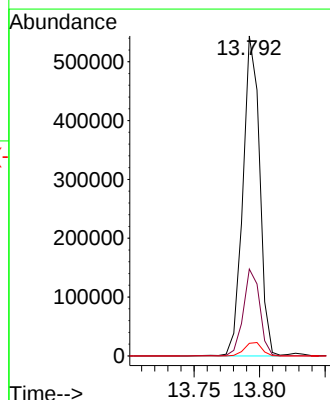
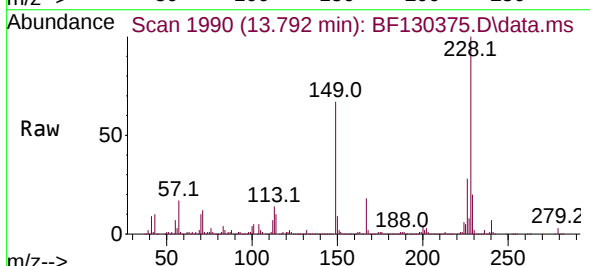
Tgt Ion:149 Resp: 481367

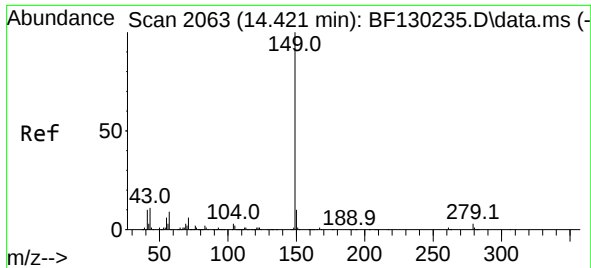
Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

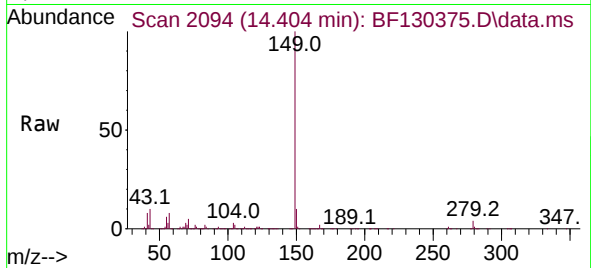
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 39.107 ng
RT: 14.404 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

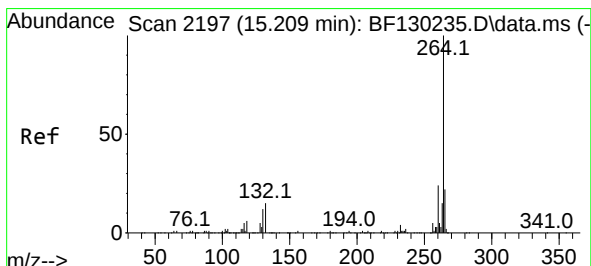
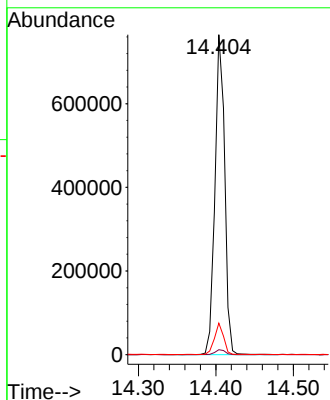
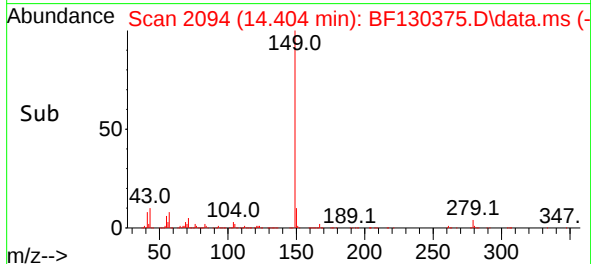
Instrument :
BNA_F
ClientSampleId :
PB147825BS



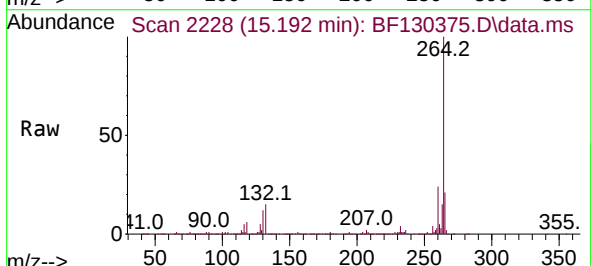
Tgt Ion:149 Resp: 665415
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.7 13.1

Manual Integrations
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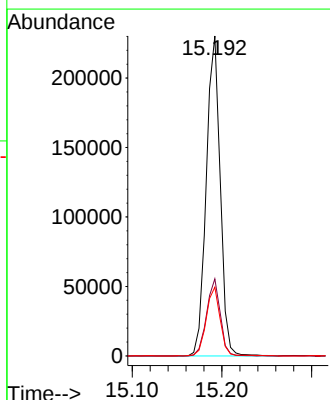
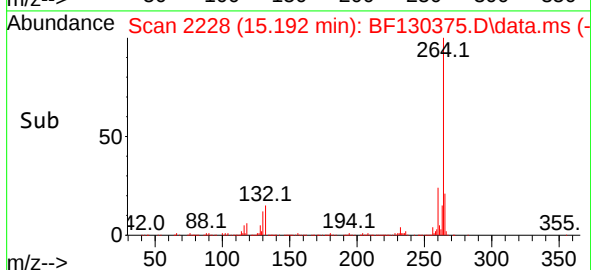
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

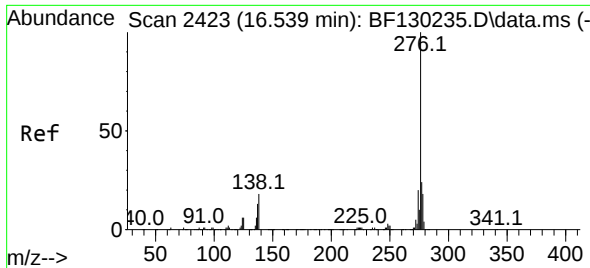


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



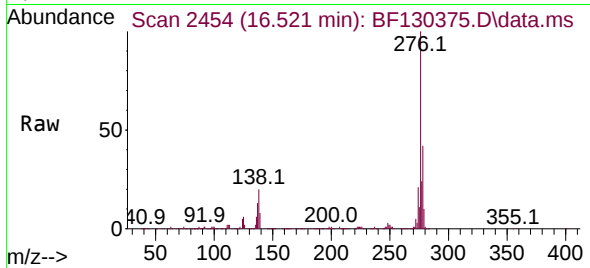
Tgt Ion:264 Resp: 248964
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.5 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.416 ng
 RT: 16.521 min Scan# 2423
 Delta R.T. 0.012 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51

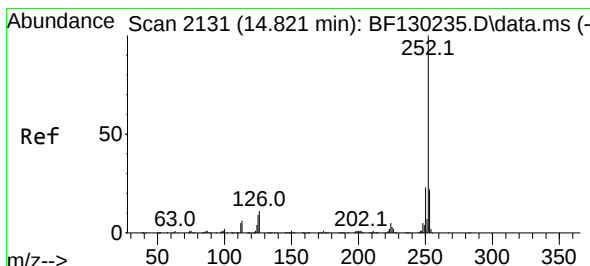
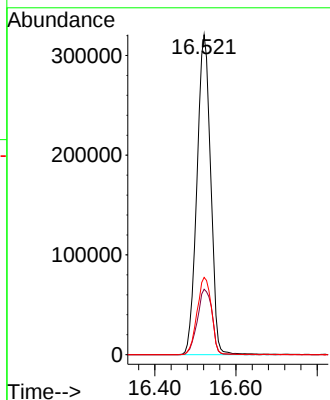
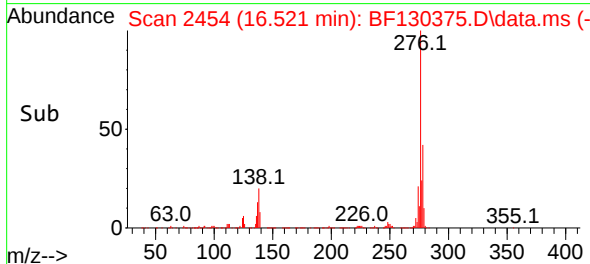
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS



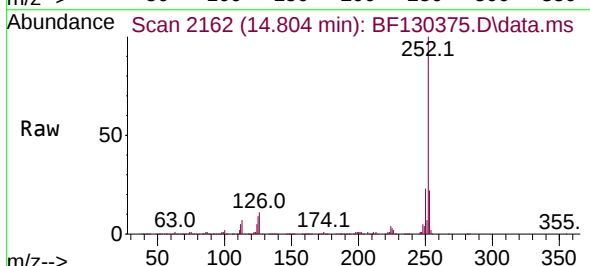
Tgt Ion:276 Resp: 748854
 Ion Ratio Lower Upper
 276 100
 138 22.0 18.5 27.7
 277 25.2 20.2 30.4

Manual Integrations
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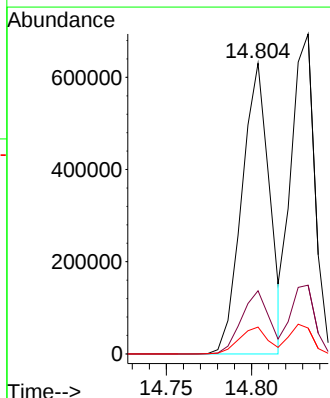
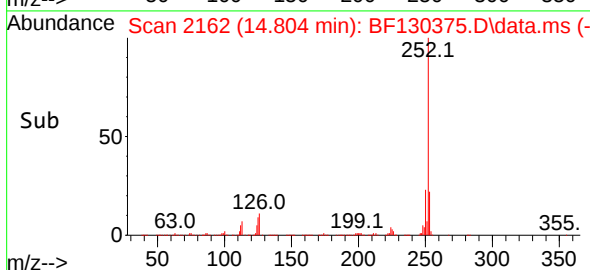
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022

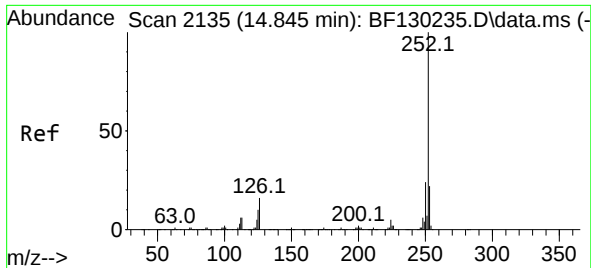


#88
 Benzo(b)fluoranthene
 Concen: 43.724 ng
 RT: 14.804 min Scan# 2162
 Delta R.T. 0.006 min
 Lab File: BF130375.D
 Acq: 22 Sep 2022 13:51



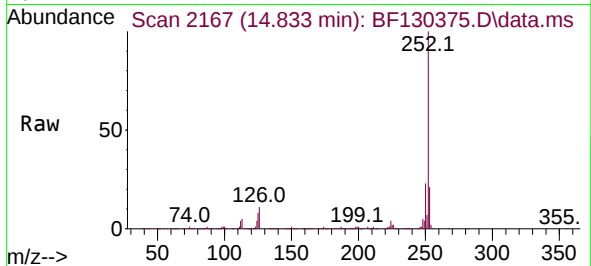
Tgt Ion:252 Resp: 710501
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 9.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 41.986 ng
RT: 14.833 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51

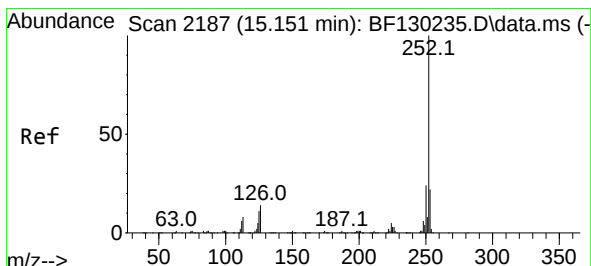
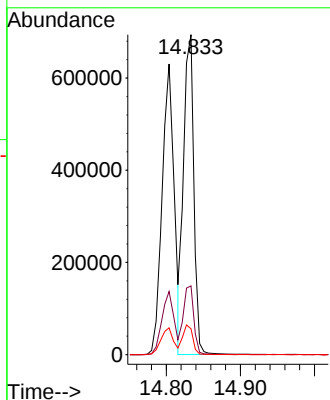
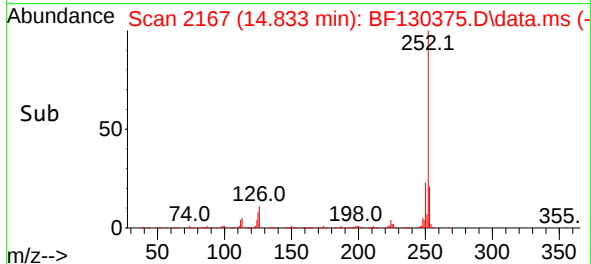
Instrument :
BNA_F
ClientSampleId :
PB147825BS



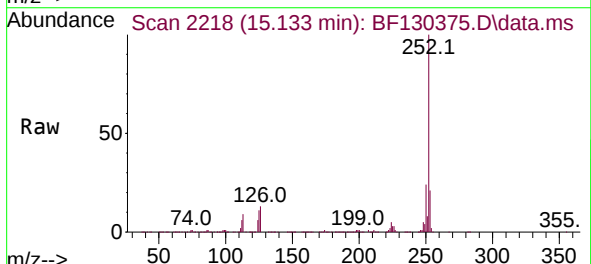
Tgt Ion:252 Resp: 671136
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.1 7.9 11.9

Manual Integrations
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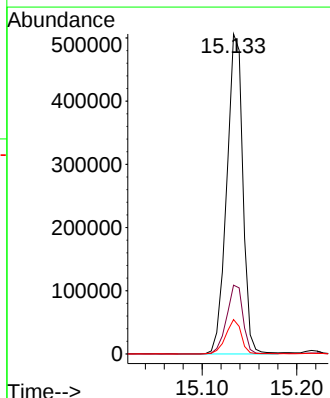
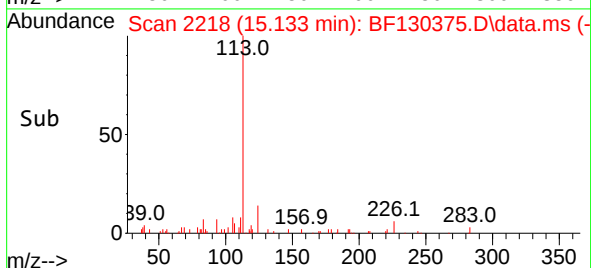
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

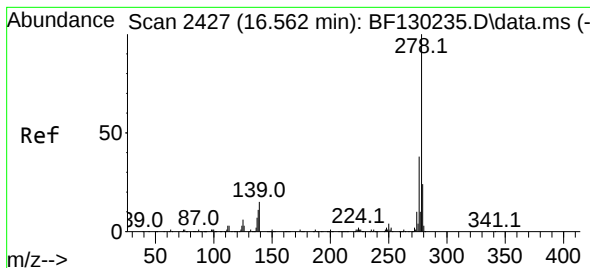


#90
Benzo(a)pyrene
Concen: 46.438 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF130375.D
Acq: 22 Sep 2022 13:51



Tgt Ion:252 Resp: 597824
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.297 ng

RT: 16.539 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147825BS

Tgt Ion:278 Resp: 641566

Ion Ratio Lower Upper

278 100

139 13.8 11.8 17.8

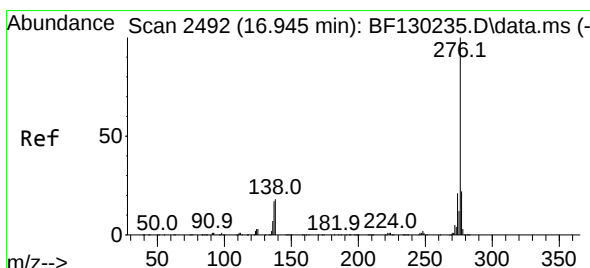
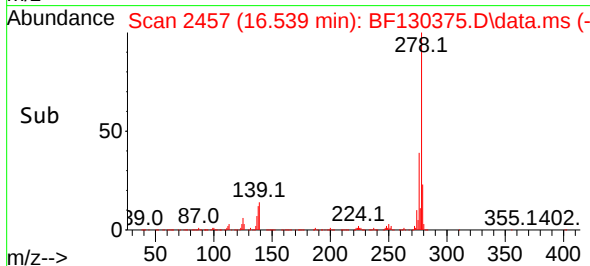
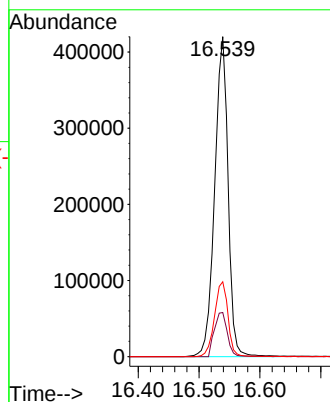
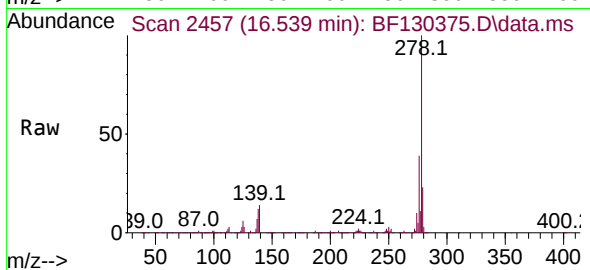
279 23.4 19.4 29.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#92

Benzo(g,h,i)perylene

Concen: 44.235 ng

RT: 16.921 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF130375.D

Acq: 22 Sep 2022 13:51

Tgt Ion:276 Resp: 645383

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 19.3 14.6 21.8

