

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130279.D
 Acq On : 15 Sep 2022 19:24
 Operator : CG\JU
 Sample : N4634-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 03:33:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	96074	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	376212	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	195672	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	316423	20.000	ng	0.00
76) Chrysene-d12	13.815	240	166130	20.000	ng	0.00
86) Perylene-d12	15.209	264	169241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.286	112	664455	119.957	ng	0.01
7) Phenol-d6	6.316	99	872336	125.865	ng	0.00
23) Nitrobenzene-d5	7.245	82	602836	81.863	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	251384	134.078	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1125459	83.757	ng	0.00
79) Terphenyl-d14	12.774	244	888537	88.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	100652	39.566	ng	97
3) Pyridine	3.057	79	266786	40.202	ng	98
4) n-Nitrosodimethylamine	3.022	42	162280	44.962	ng	99
6) Aniline	6.339	93	446572	52.295	ng	97
8) 2-Chlorophenol	6.463	128	324259	51.390	ng	92
9) Benzaldehyde	6.228	77	205189	44.198	ng	95
10) Phenol	6.328	94	413251	50.880	ng	95
11) bis(2-Chloroethyl)ether	6.422	93	294743	50.311	ng	95
12) 1,3-Dichlorobenzene	6.616	146	343115	49.420	ng	99
13) 1,4-Dichlorobenzene	6.698	146	350337	49.482	ng	97
14) 1,2-Dichlorobenzene	6.845	146	331715	50.154	ng	100
15) Benzyl Alcohol	6.828	79	264498	48.134	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.957	45	405833	47.496	ng	97
17) 2-Methylphenol	6.939	107	257043	50.113	ng	98
18) Hexachloroethane	7.186	117	136750	49.000	ng	99
19) n-Nitroso-di-n-propyla...	7.104	70	230429	49.272	ng	94
20) 3+4-Methylphenols	7.092	107	332790	49.944	ng	89
22) Acetophenone	7.092	105	469823	51.080	ng	99
24) Nitrobenzene	7.263	77	357683	47.836	ng	99
25) Isophorone	7.504	82	629480	53.036	ng	99
26) 2-Nitrophenol	7.580	139	168897	55.102	ng	93
27) 2,4-Dimethylphenol	7.622	122	290443	61.540	ng	98
28) bis(2-Chloroethoxy)met...	7.722	93	370804	55.483	ng	99
29) 2,4-Dichlorophenol	7.822	162	269556	52.119	ng	98
30) 1,2,4-Trichlorobenzene	7.904	180	276974	49.534	ng	95
31) Naphthalene	7.980	128	938067	48.399	ng	100
32) Benzoic acid	7.751	122	180938	49.575	ng	99
33) 4-Chloroaniline	8.033	127	362934	49.234	ng	99
34) Hexachlorobutadiene	8.098	225	172801	48.355	ng	99
35) Caprolactam	8.416	113	85537m	57.691	ng	
36) 4-Chloro-3-methylphenol	8.522	107	308374	53.793	ng	98
37) 2-Methylnaphthalene	8.674	142	625955	50.653	ng	100
38) 1-Methylnaphthalene	8.769	142	592221	49.886	ng	99
40) 1,2,4,5-Tetrachloroben...	8.839	216	279167	52.279	ng	99
41) Hexachlorocyclopentadiene	8.827	237	364133	127.365	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	192932	51.768	ng	95

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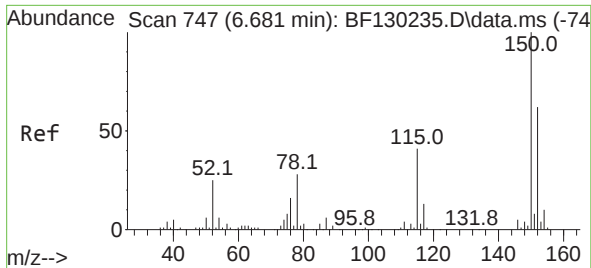
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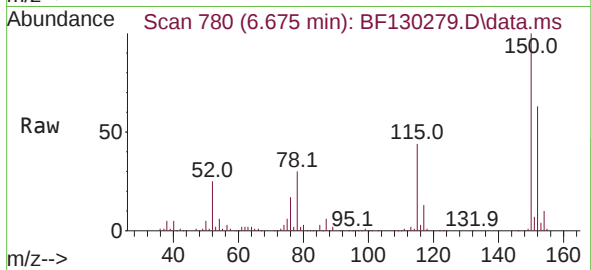
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.986	196	204597	50.874	ng	94
46) 1,1'-Biphenyl	9.139	154	759962	52.004	ng	99
47) 2-Chloronaphthalene	9.163	162	592948	50.158	ng	97
48) 2-Nitroaniline	9.257	65	195598	49.608	ng	99
49) Acenaphthylene	9.574	152	895075	50.499	ng	99
50) Dimethylphthalate	9.445	163	692502	51.235	ng	99
51) 2,6-Dinitrotoluene	9.504	165	149733	52.970	ng	91
52) Acenaphthene	9.745	154	633768m	54.421	ng	
53) 3-Nitroaniline	9.674	138	144250	45.797	ng	88
54) 2,4-Dinitrophenol	9.774	184	138218	89.345	ng	99
55) Dibenzofuran	9.916	168	804904	49.691	ng	99
56) 4-Nitrophenol	9.833	139	234845	102.366	ng	94
57) 2,4-Dinitrotoluene	9.904	165	198688	54.998	ng	97
58) Fluorene	10.257	166	656020	49.521	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.033	232	154729	49.155	ng	97
60) Diethylphthalate	10.145	149	681214	50.259	ng	99
61) 4-Chlorophenyl-phenyle...	10.251	204	299355	51.513	ng	95
62) 4-Nitroaniline	10.286	138	151829	47.983	ng	97
63) Azobenzene	10.410	77	656546	47.041	ng	99
65) 4,6-Dinitro-2-methylph...	10.310	198	88042	49.983	ng	90
66) n-Nitrosodiphenylamine	10.374	169	551379	52.145	ng	99
67) 4-Bromophenyl-phenylether	10.739	248	186473	53.421	ng	96
68) Hexachlorobenzene	10.798	284	208231	52.625	ng	92
69) Atrazine	10.904	200	175243	56.711	ng	97
70) Pentachlorophenol	10.992	266	215302	101.384	ng	99
71) Phenanthrene	11.215	178	878041	49.424	ng	99
72) Anthracene	11.268	178	871203	50.817	ng	99
73) Carbazole	11.421	167	751936	48.599	ng	99
74) Di-n-butylphthalate	11.757	149	937981	50.273	ng	100
75) Fluoranthene	12.398	202	770940	44.909	ng	97
77) Benzidine	12.527	184	498540	103.376	ng	99
78) Pyrene	12.621	202	753887	51.874	ng	100
80) Butylbenzylphthalate	13.251	149	293437	54.502	ng	98
81) Benzo(a)anthracene	13.804	228	556132	50.321	ng	100
82) 3,3'-Dichlorobenzidine	13.774	252	192066	63.843	ng	100
83) Chrysene	13.845	228	521246	49.672	ng	100
84) Bis(2-ethylhexyl)phtha...	13.809	149	358135	58.073	ng	100
85) Di-n-octyl phthalate	14.421	149	564350	59.831	ng	98
87) Indeno(1,2,3-cd)pyrene	16.545	276	648598	54.043	ng	99
88) Benzo(b)fluoranthene	14.815	252	578227	52.346	ng	99
89) Benzo(k)fluoranthene	14.845	252	509482	46.887	ng	99
90) Benzo(a)pyrene	15.151	252	486162	55.553	ng	99
91) Dibenzo(a,h)anthracene	16.562	278	557495	56.624	ng	99
92) Benzo(g,h,i)perylene	16.950	276	551810	55.638	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

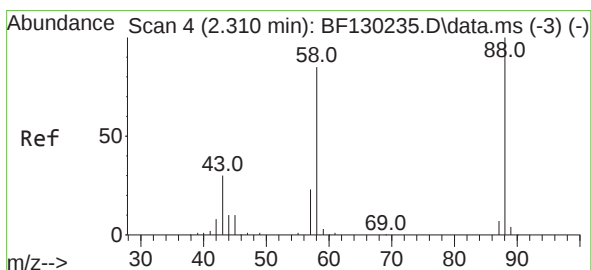
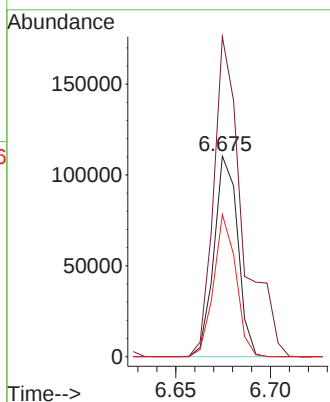
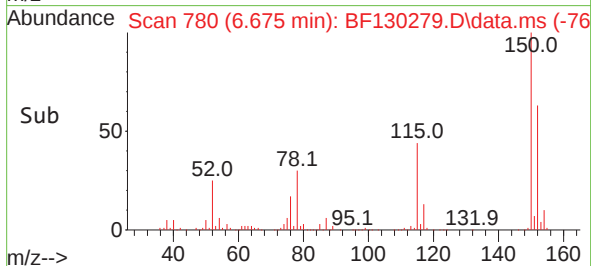
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



Tgt Ion: 152 Resp: 96074
 Ion Ratio Lower Upper
 152 100
 150 159.5 122.8 184.2
 115 70.8 53.8 80.8

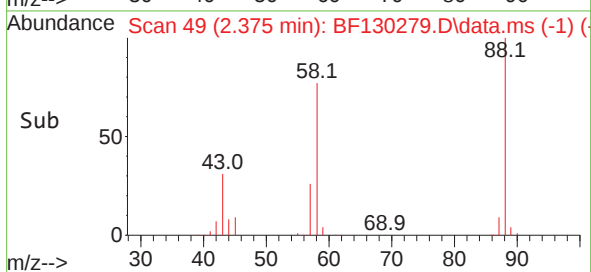
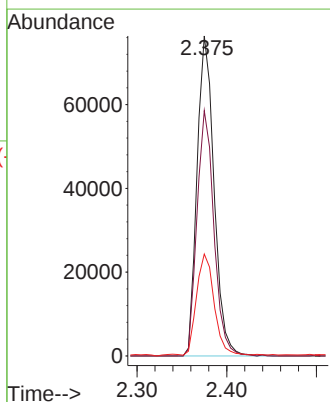
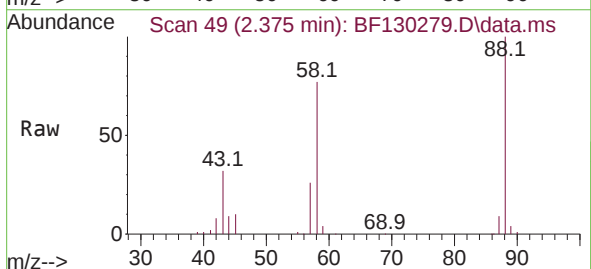
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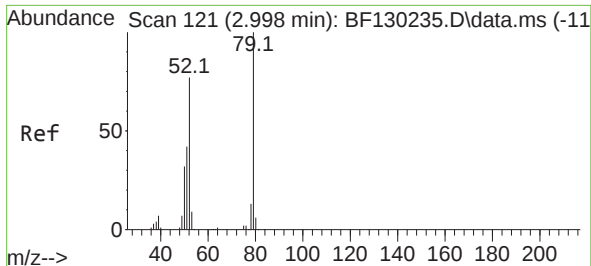
Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022



#2
 1,4-Dioxane
 Concen: 39.566 ng
 RT: 2.375 min Scan# 49
 Delta R.T. 0.065 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

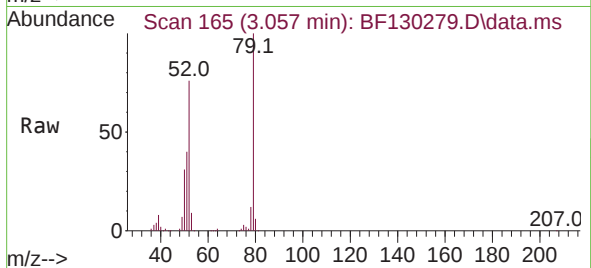
Tgt Ion: 88 Resp: 100652
 Ion Ratio Lower Upper
 88 100
 58 76.2 61.3 91.9
 43 33.9 23.0 34.6





#3
Pyridine
Concen: 40.202 ng
RT: 3.057 min Scan# 10
Delta R.T. 0.059 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

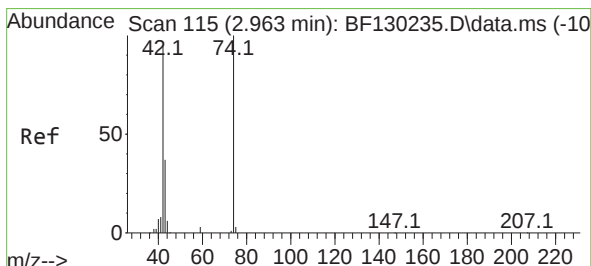
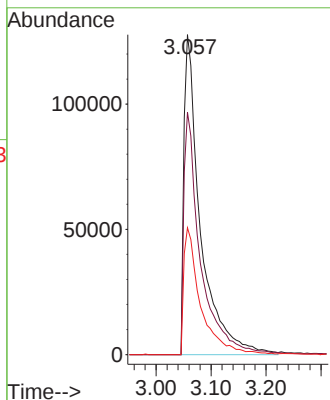
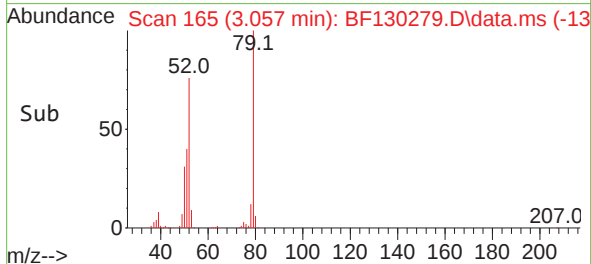
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



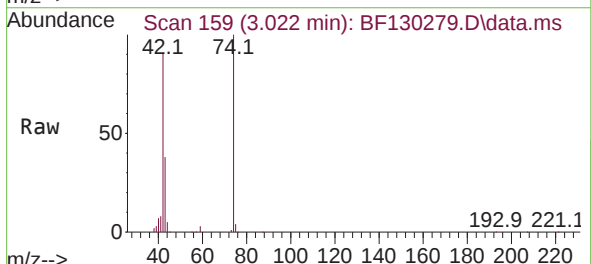
Tgt Ion: 79 Resp: 266786
Ion Ratio Lower Upper
79 100
52 75.7 62.4 93.6
51 39.6 32.2 48.4

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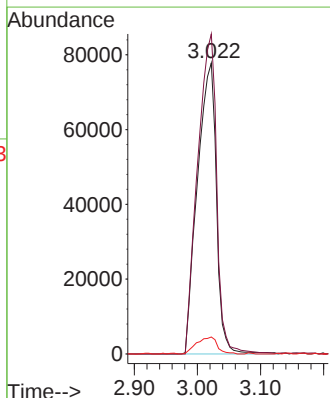
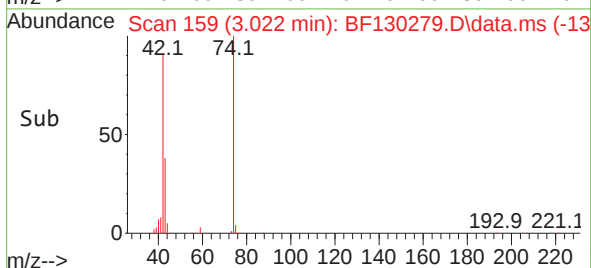
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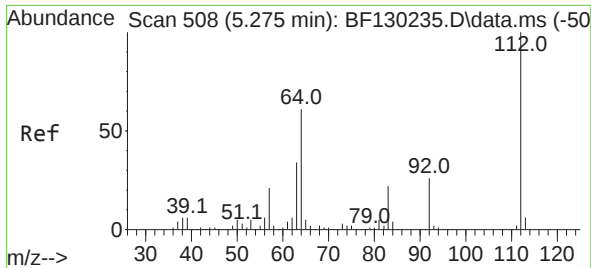


#4
n-Nitrosodimethylamine
Concen: 44.962 ng
RT: 3.022 min Scan# 159
Delta R.T. 0.059 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



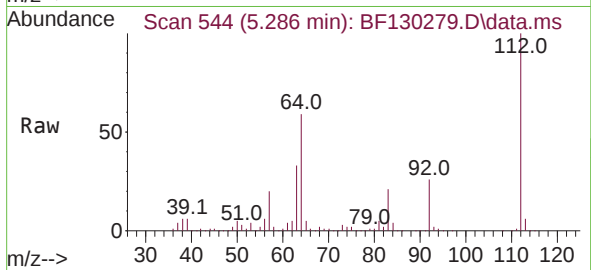
Tgt Ion: 42 Resp: 162280
Ion Ratio Lower Upper
42 100
74 110.0 88.4 132.6
44 5.8 5.0 7.4





#5
2-Fluorophenol
Concen: 119.957 ng
RT: 5.286 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

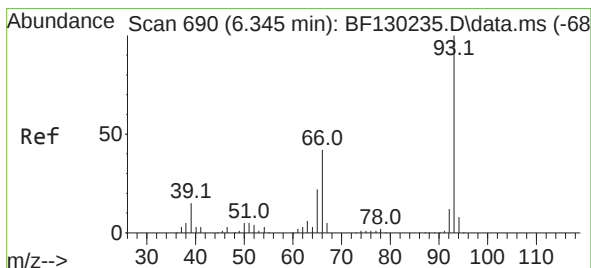
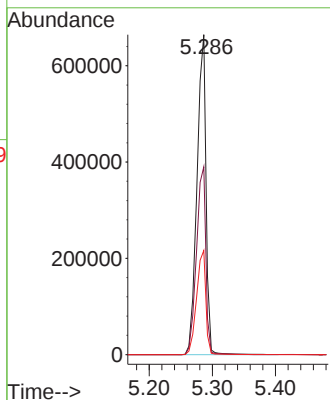
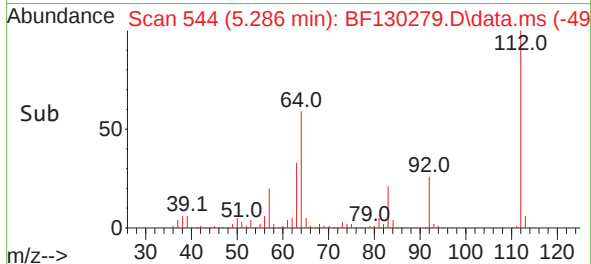
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:112 Resp: 66445
Ion Ratio Lower Upper
112 100
64 58.7 51.4 77.0
63 32.5 28.8 43.2

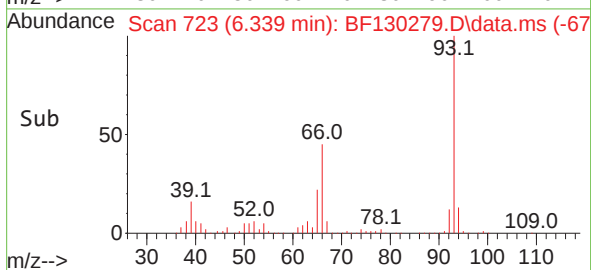
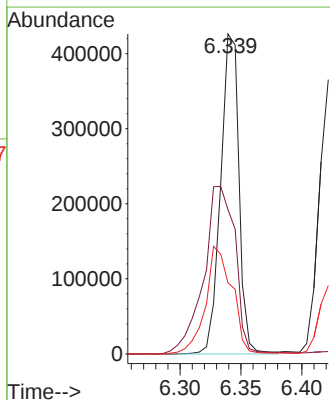
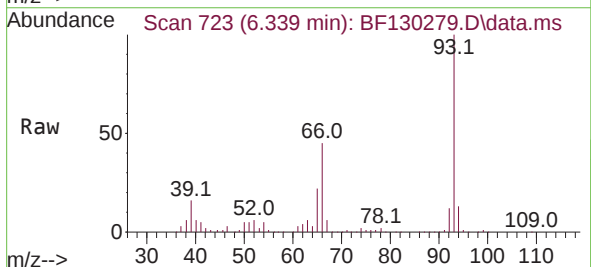
Manual Integrations
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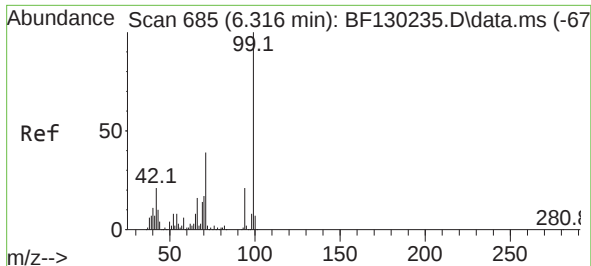
Reviewed By :Christian Giraldo 09/16/2022
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#6
Aniline
Concen: 52.295 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

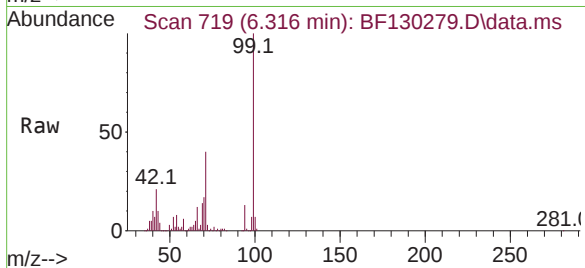
Tgt Ion: 93 Resp: 446572
Ion Ratio Lower Upper
93 100
66 45.1 34.2 51.4
65 22.2 16.6 24.8





#7
Phenol-d6
Concen: 125.865 ng
RT: 6.316 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

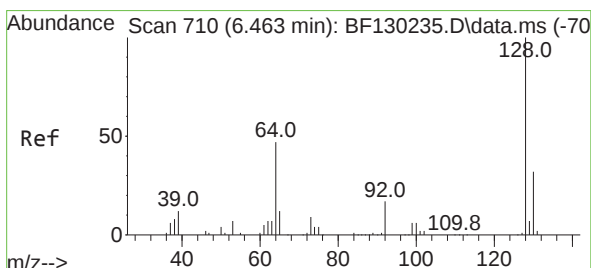
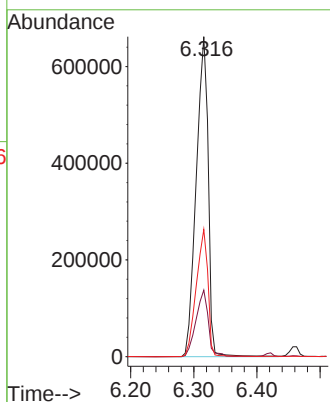
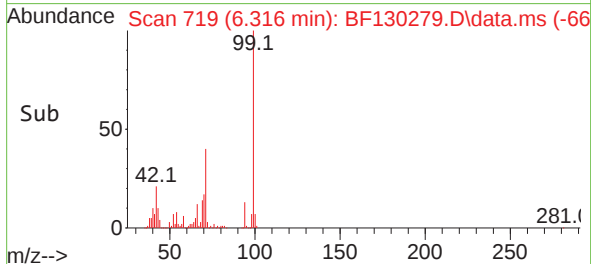
Instrument :
BNA_F
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WC-2MSD



Tgt Ion: 99 Resp: 872336
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.7 32.3 48.5

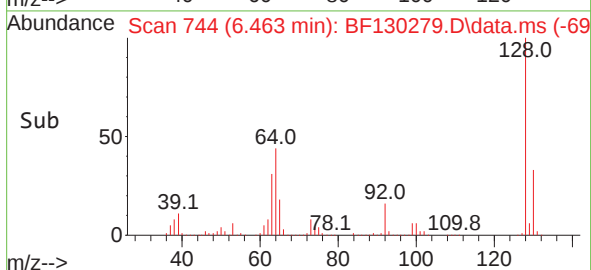
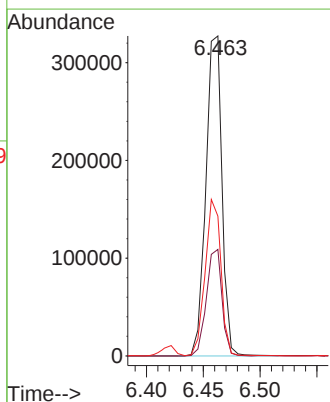
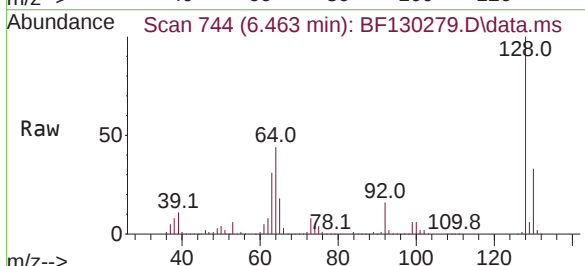
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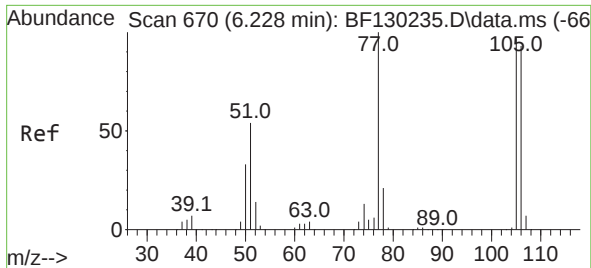
Reviewed By :Christian Giraldo 09/16/2022
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#8
2-Chlorophenol
Concen: 51.390 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:128 Resp: 324259
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 43.7 31.6 71.6





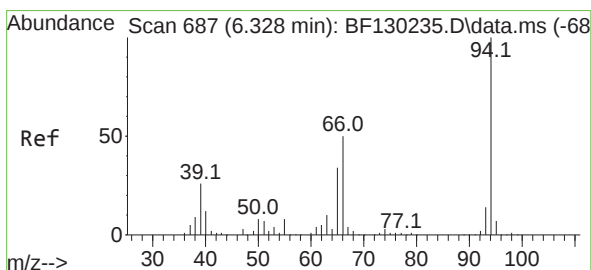
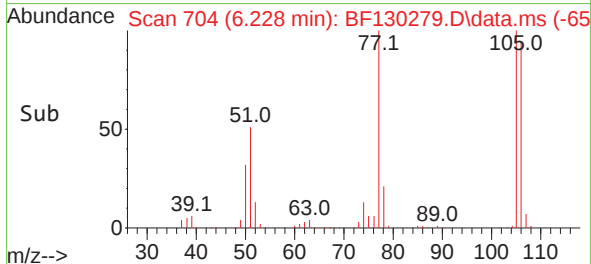
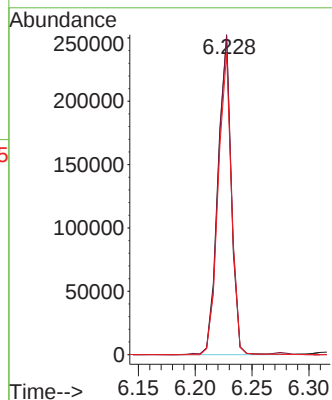
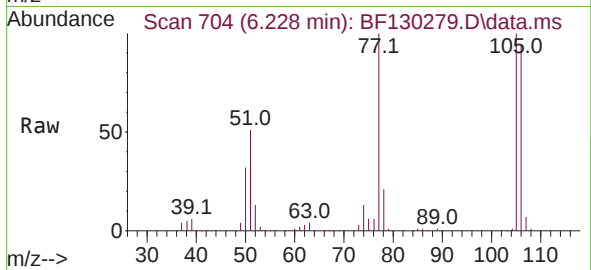
#9
Benzaldehyde
Concen: 44.198 ng
RT: 6.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion: 77 Resp: 205189
Ion Ratio Lower Upper
77 100
105 100.4 75.1 115.1
106 94.6 69.7 109.7

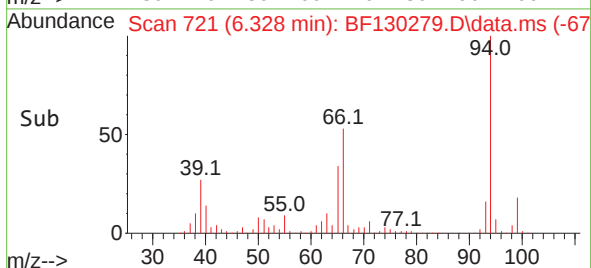
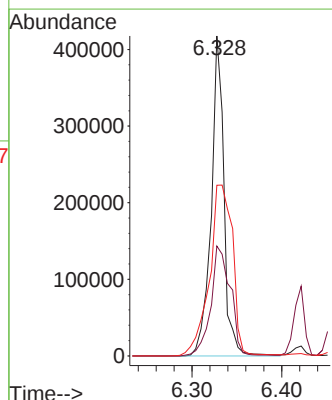
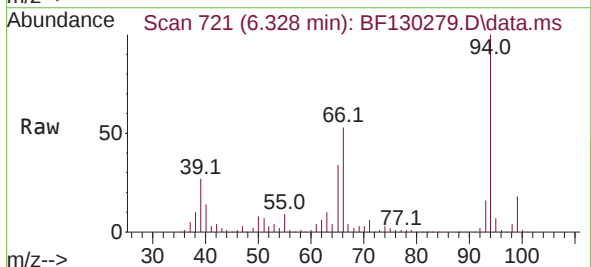
Manual Integrations
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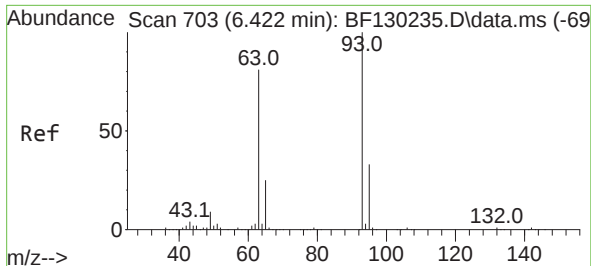
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#10
Phenol
Concen: 50.880 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

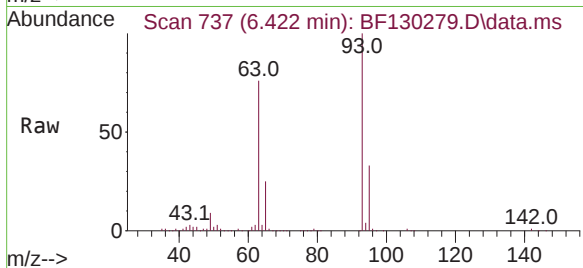
Tgt Ion: 94 Resp: 413251
Ion Ratio Lower Upper
94 100
65 34.3 14.1 54.1
66 53.3 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 50.311 ng
RT: 6.422 min Scan# 703
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

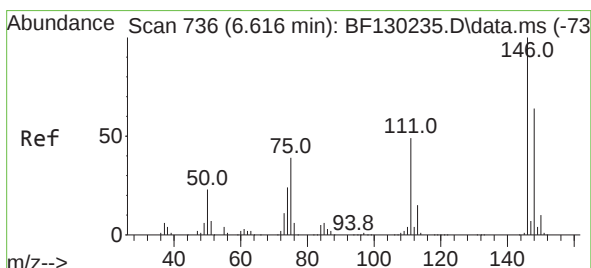
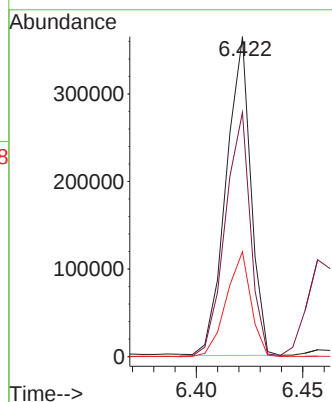
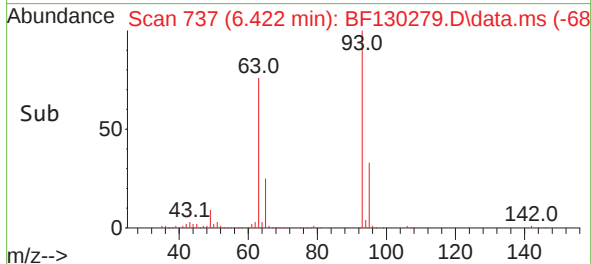
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



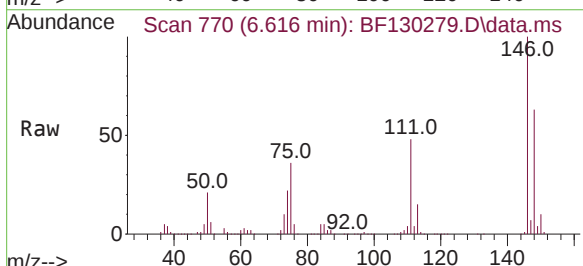
Tgt Ion: 93 Resp: 294743
Ion Ratio Lower Upper
93 100
63 76.3 62.5 102.5
95 32.8 12.5 52.5

Manual Integrations
APPROVED

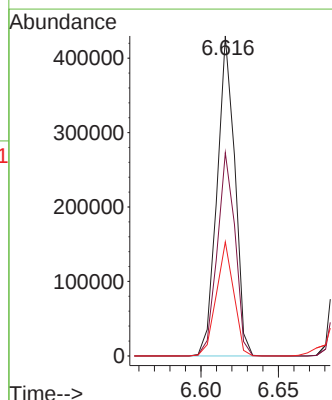
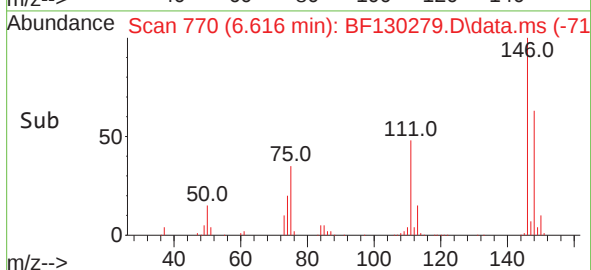
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

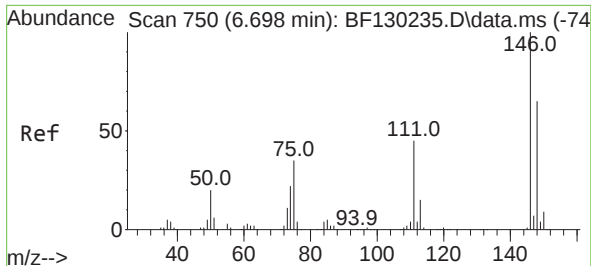


#12
1,3-Dichlorobenzene
Concen: 49.420 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



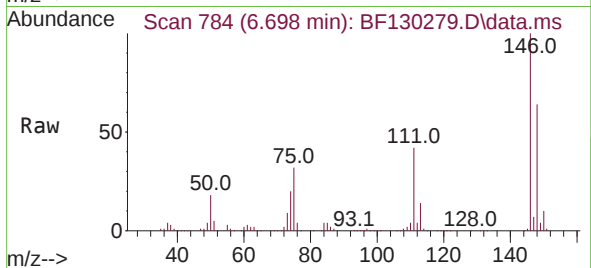
Tgt Ion:146 Resp: 343115
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 35.6 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 49.482 ng
RT: 6.698 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

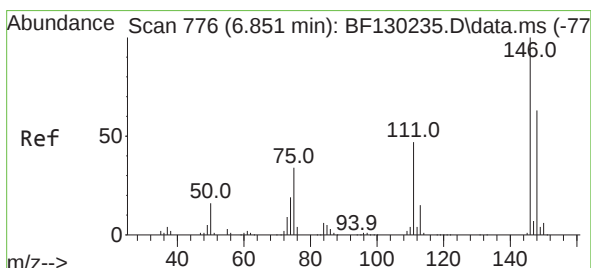
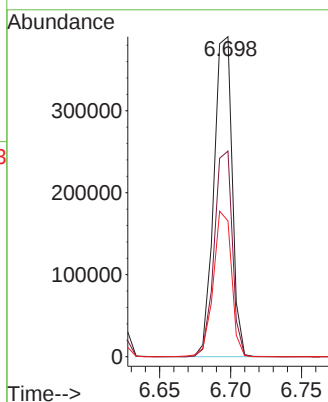
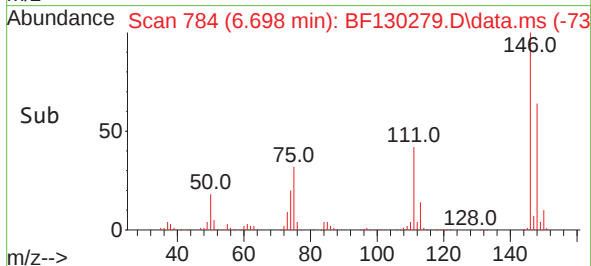
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



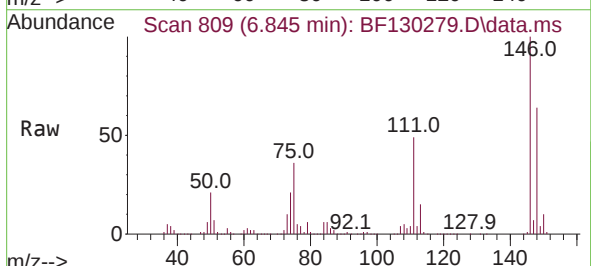
Tgt Ion:146 Resp: 350332
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 42.4 36.3 54.5

Manual Integrations
APPROVED

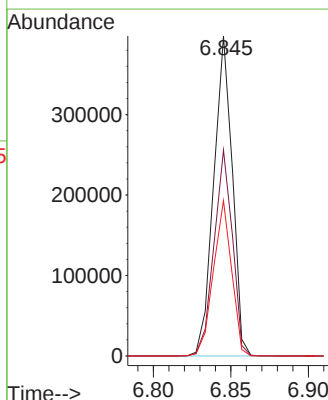
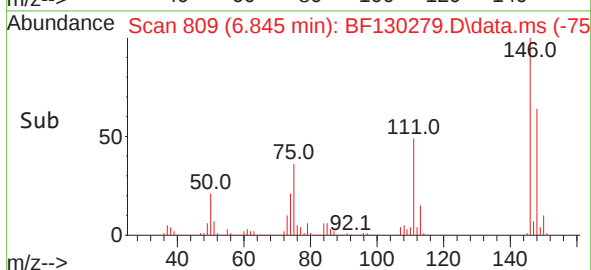
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

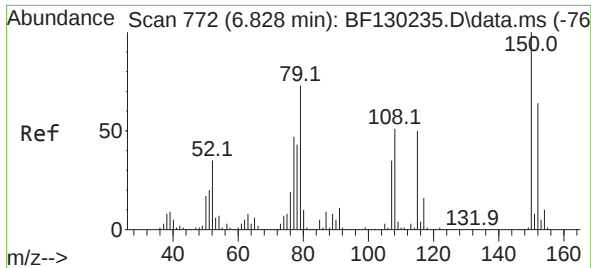


#14
1,2-Dichlorobenzene
Concen: 50.154 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



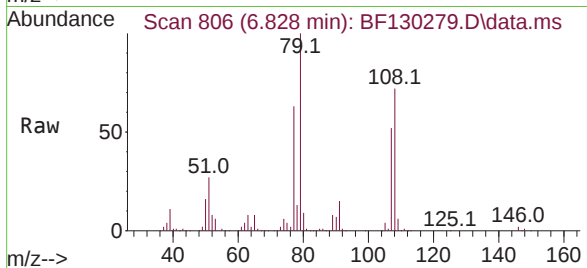
Tgt Ion:146 Resp: 331715
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 48.5 39.2 58.8





#15
Benzyl Alcohol
Concen: 48.134 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

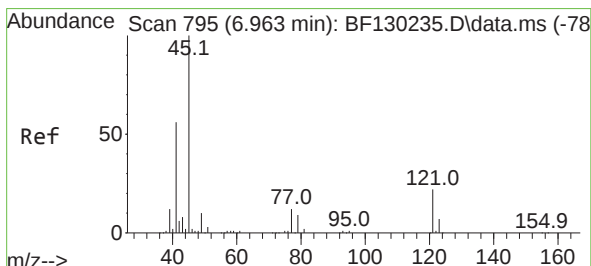
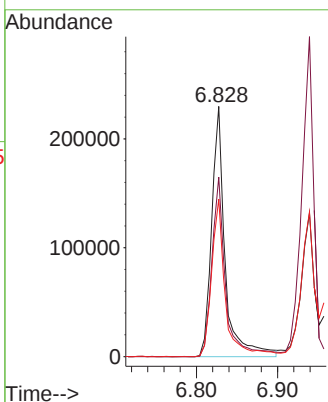
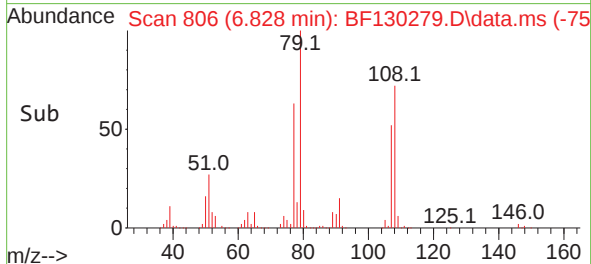
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 79 Resp: 264498
Ion Ratio Lower Upper
79 100
108 71.7 54.0 81.0
77 63.0 51.3 76.9

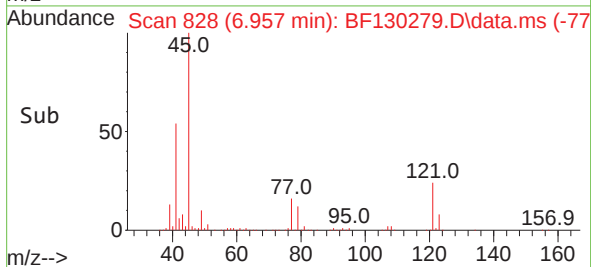
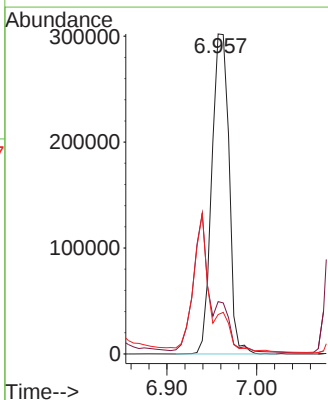
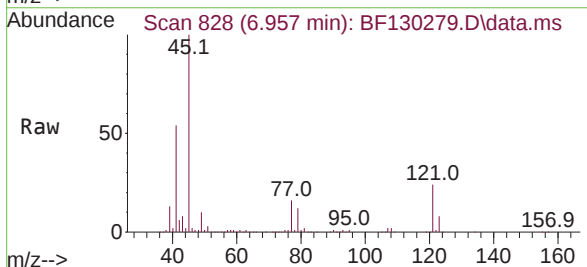
Manual Integrations
APPROVED

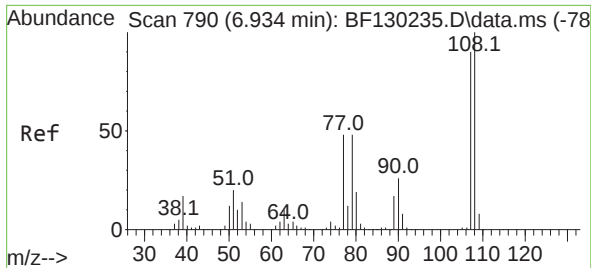
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.496 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

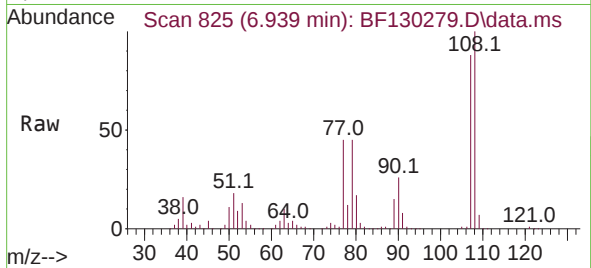
Tgt Ion: 45 Resp: 405833
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.9
79 12.3 0.0 31.0





#17
2-Methylphenol
Concen: 50.113 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

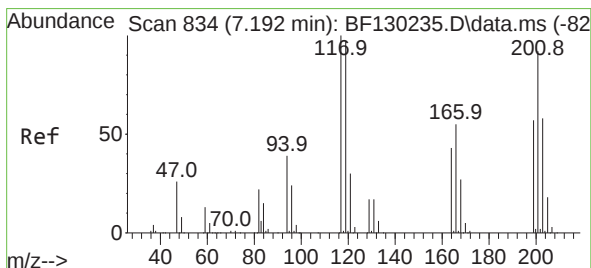
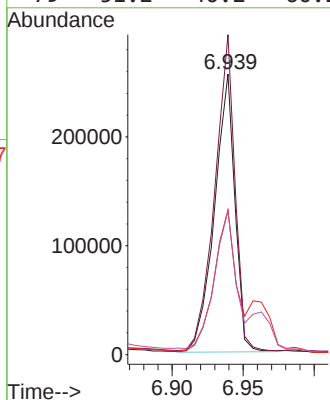
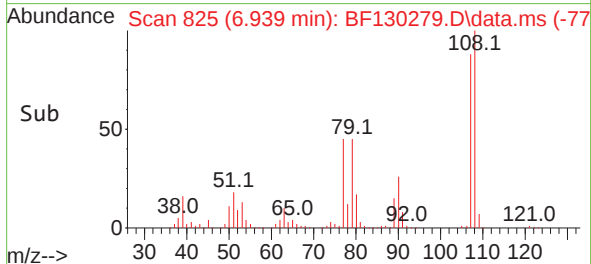
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.4	134.0
77	51.6	40.6	60.8
79	51.2	40.2	60.2

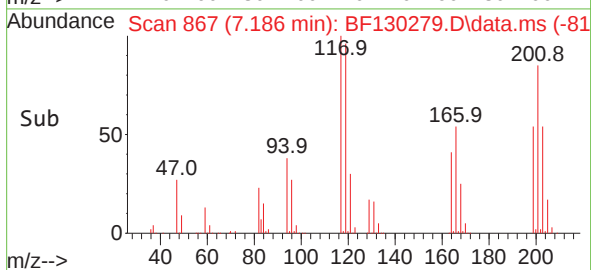
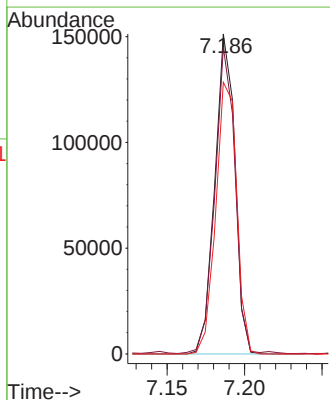
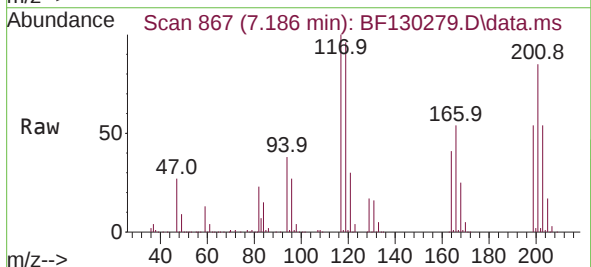
Manual Integrations
APPROVED

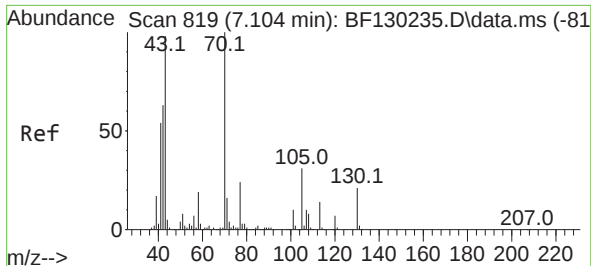
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#18
Hexachloroethane
Concen: 49.000 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

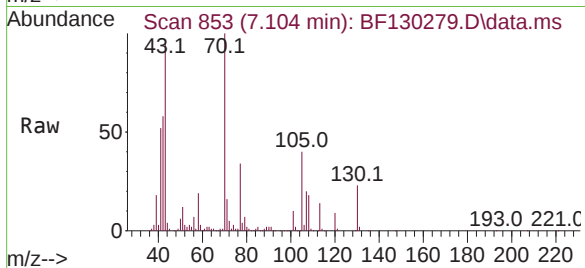
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.6
201	84.9	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 49.272 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

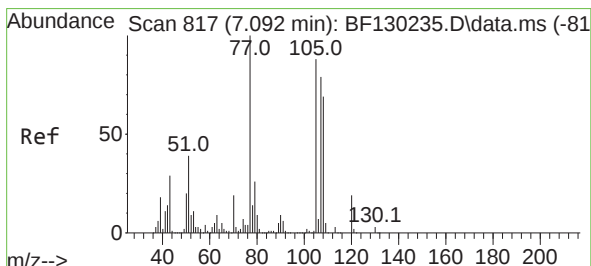
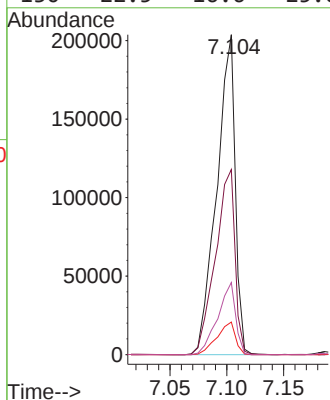
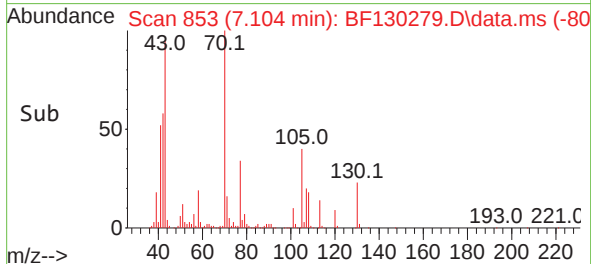
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 70 Resp: 230429
Ion Ratio Lower Upper
70 100
42 57.8 50.8 76.2
101 10.2 8.2 12.4
130 22.5 16.6 25.0

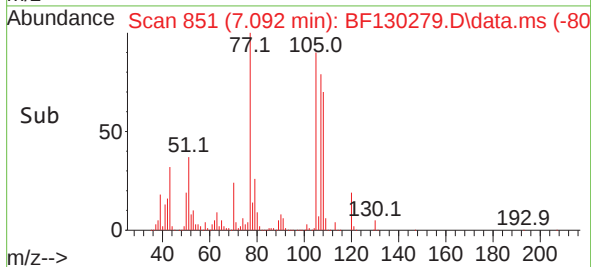
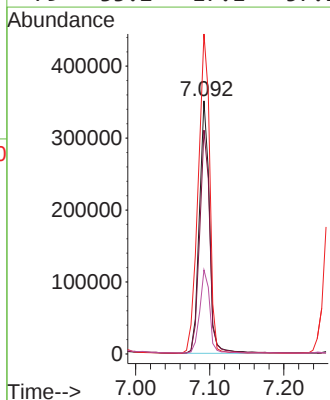
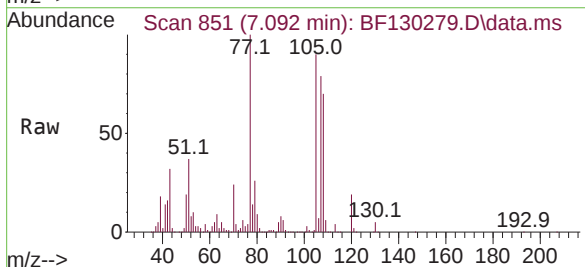
Manual Integrations
APPROVED

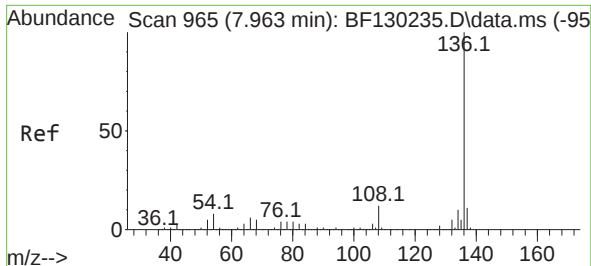
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#20
3+4-Methylphenols
Concen: 49.944 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:107 Resp: 332790
Ion Ratio Lower Upper
107 100
108 88.4 74.8 114.8
77 126.4 125.8 165.8
79 33.2 17.1 57.1





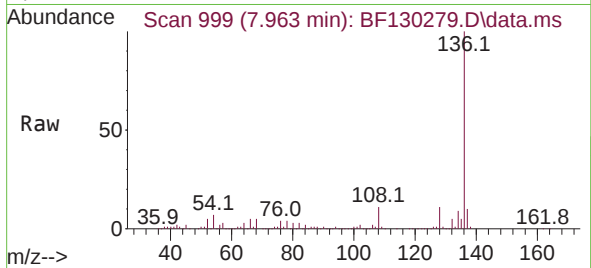
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

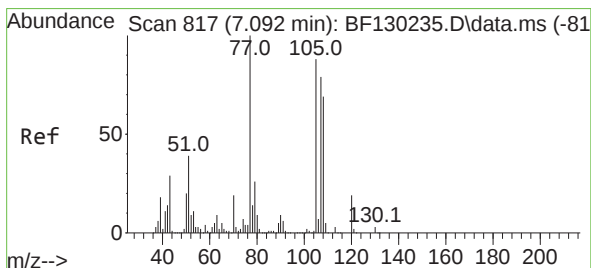
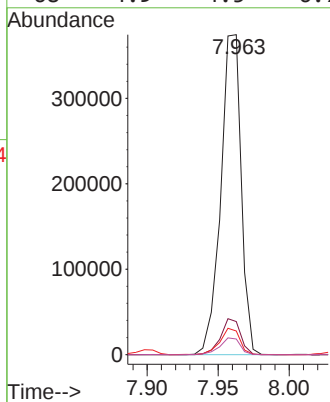
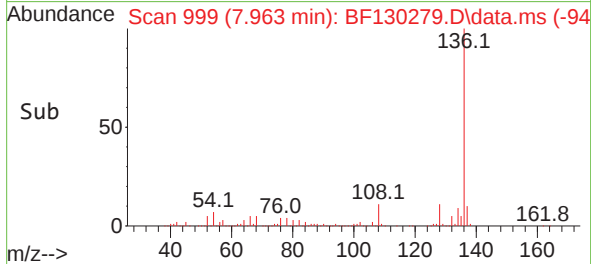


Tgt Ion:	136	Resp:	376212
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	7.4	7.1	10.7
68	4.9	4.5	6.7

Manual Integrations

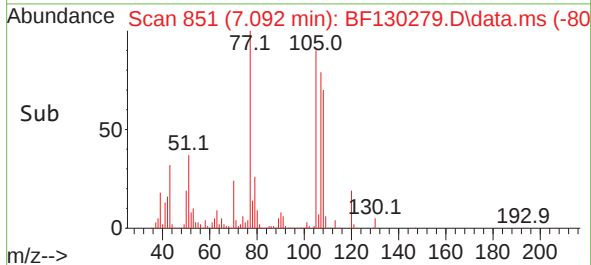
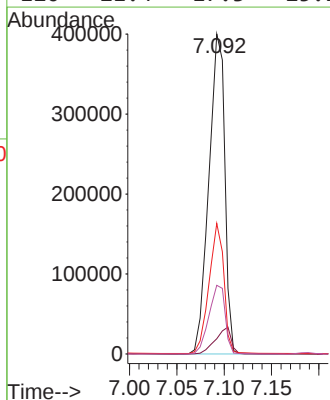
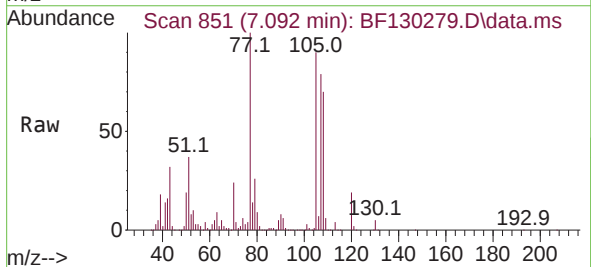
APPROVED

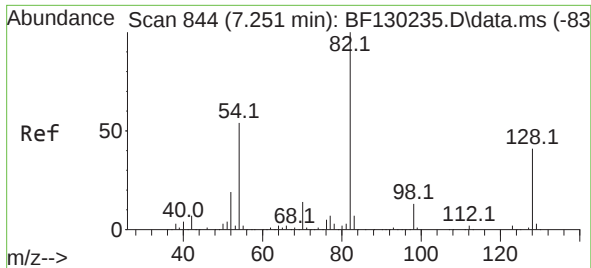
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#22
Acetophenone
Concen: 51.080 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:	105	Resp:	469823
Ion Ratio	Lower	Upper	
105	100		
71	4.7	3.9	5.9
51	40.8	32.2	48.2
120	21.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 81.863 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

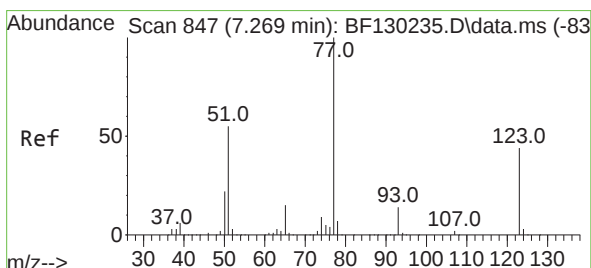
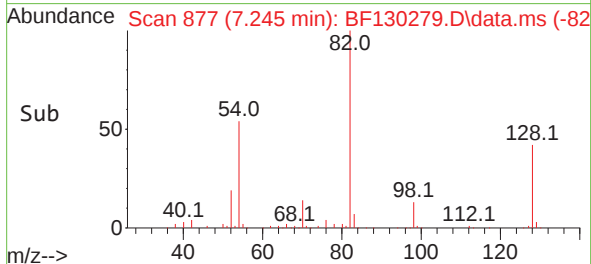
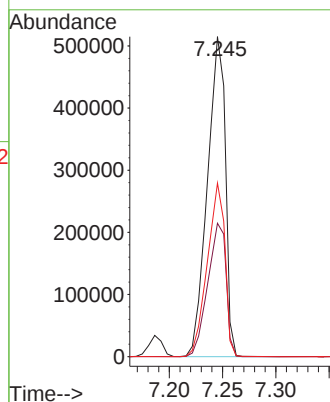
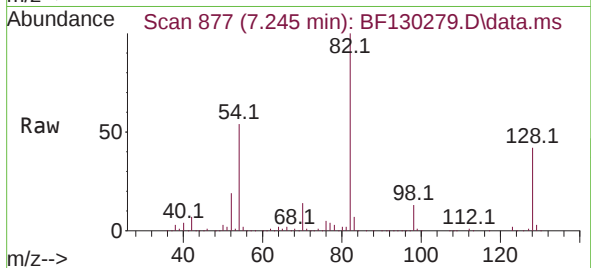
WC-2MSD

Tgt Ion: 82 Resp: 602836
 Ion Ratio Lower Upper
 82 100
 128 41.7 32.6 49.0
 54 54.2 43.8 65.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 47.836 ng

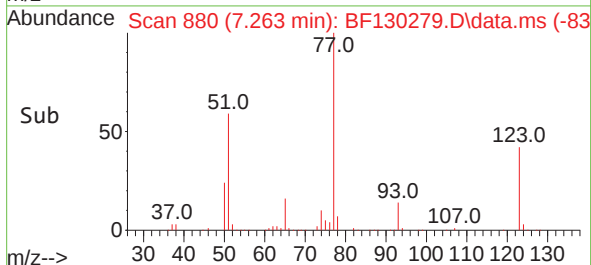
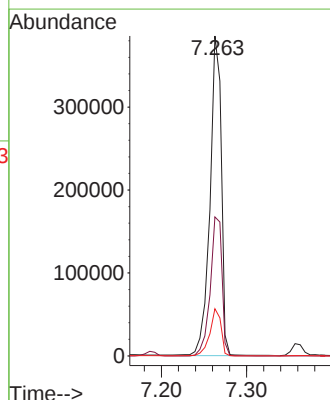
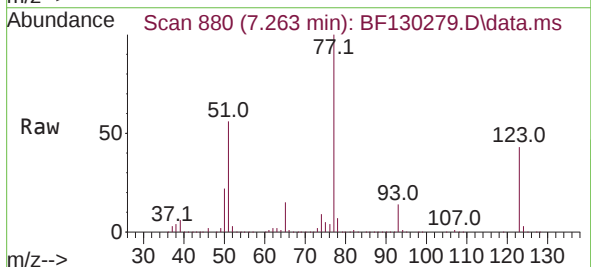
RT: 7.263 min Scan# 880

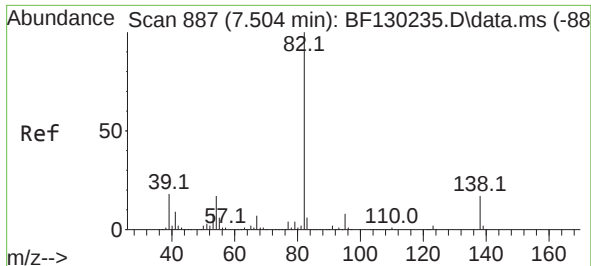
Delta R.T. -0.006 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

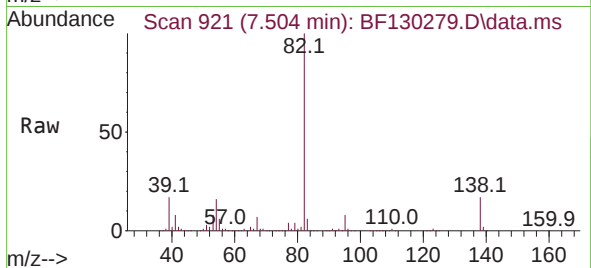
Tgt Ion: 77 Resp: 357683
 Ion Ratio Lower Upper
 77 100
 123 43.4 34.3 51.5
 65 14.7 12.0 18.0





#25
Isophorone
Concen: 53.036 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

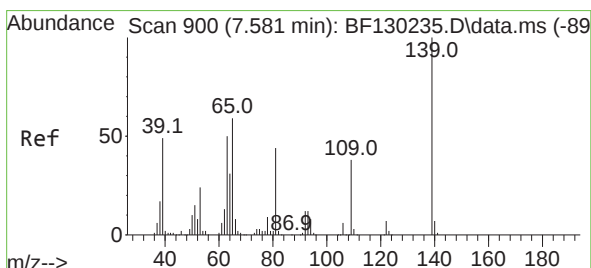
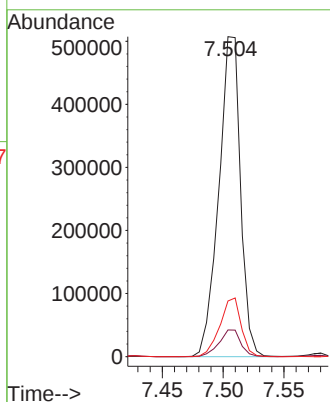
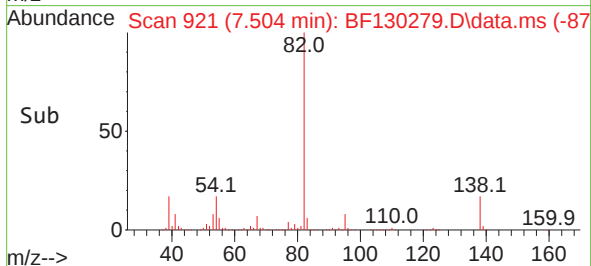
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 82 Resp: 629486
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.4 13.8 20.6

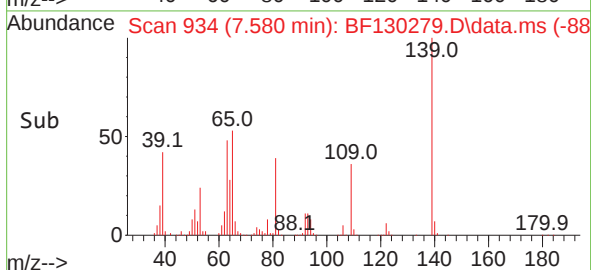
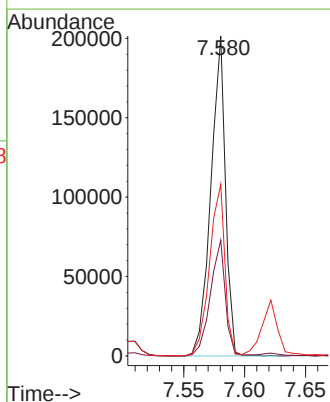
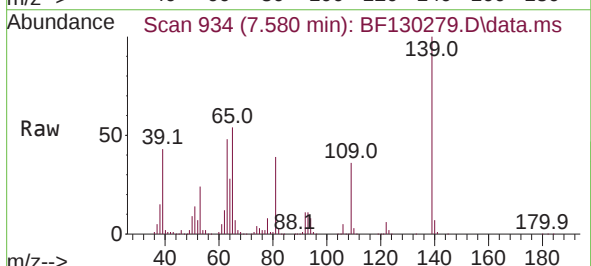
Manual Integrations
APPROVED

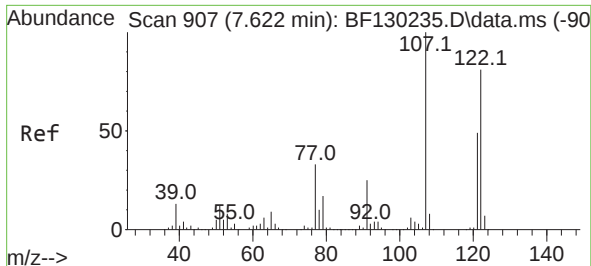
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#26
2-Nitrophenol
Concen: 55.102 ng
RT: 7.580 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:139 Resp: 168897
Ion Ratio Lower Upper
139 100
109 36.2 30.2 45.4
65 53.6 48.9 73.3





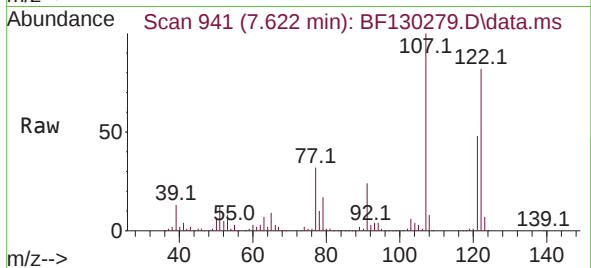
#27
2,4-Dimethylphenol
Concen: 61.540 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

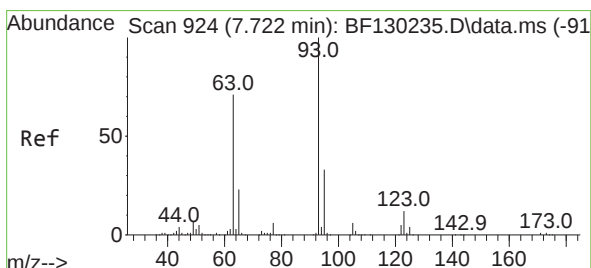
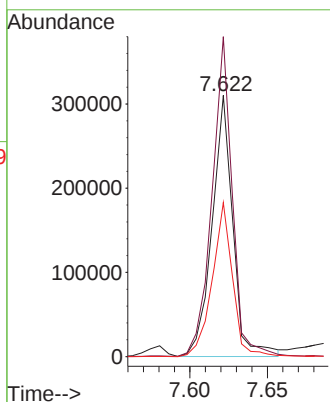
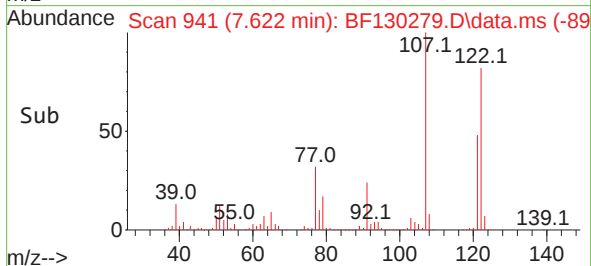


Tgt Ion:122 Resp: 290443
Ion Ratio Lower Upper
122 100
107 122.5 100.2 150.2
121 58.9 47.8 71.8

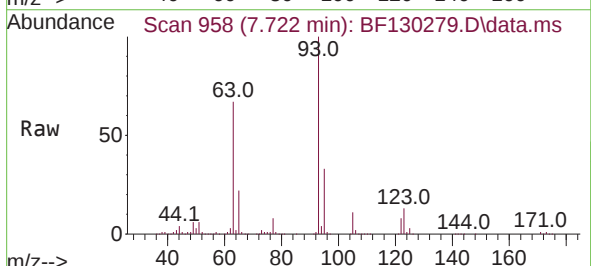
Manual Integrations

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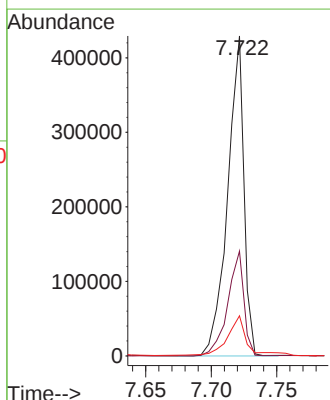
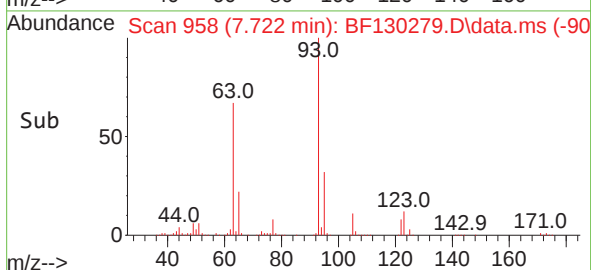
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

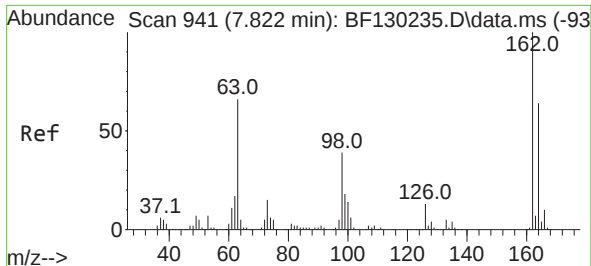


#28
bis(2-Chloroethoxy)methane
Concen: 55.483 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion: 93 Resp: 370804
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 12.5 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 52.119 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

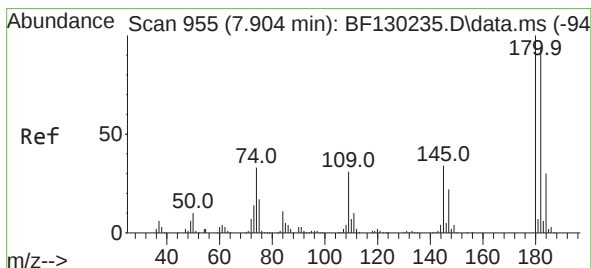
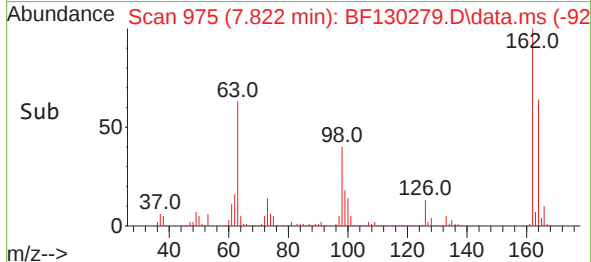
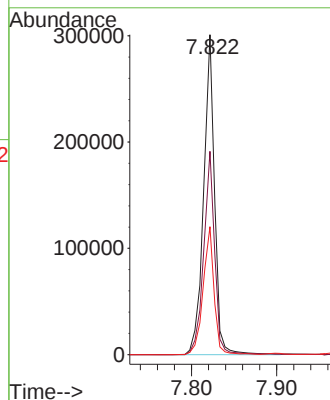
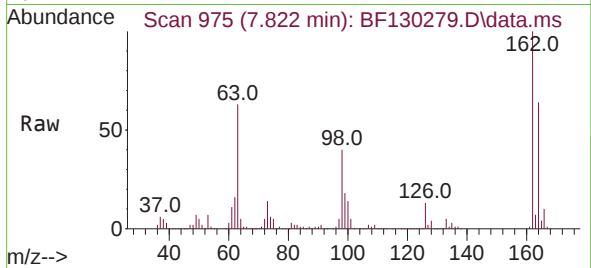
WC-2MSD

Tgt Ion:162	Resp: 269556
Ion Ratio	Lower Upper
162 100	
164 63.5	42.2 82.2
98 40.0	21.7 61.7

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 49.534 ng

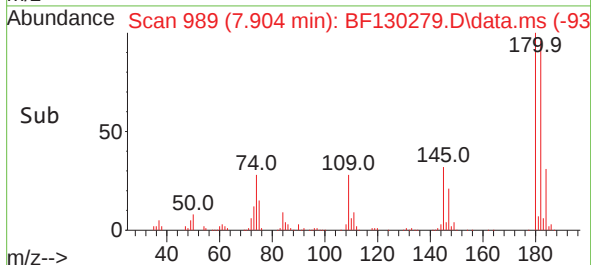
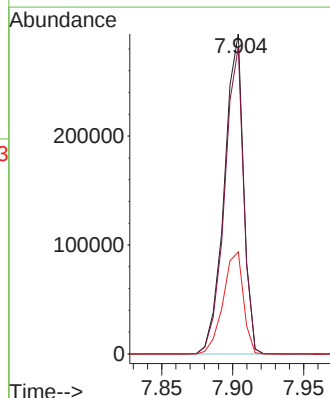
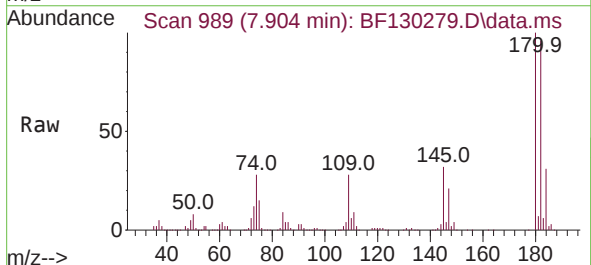
RT: 7.904 min Scan# 989

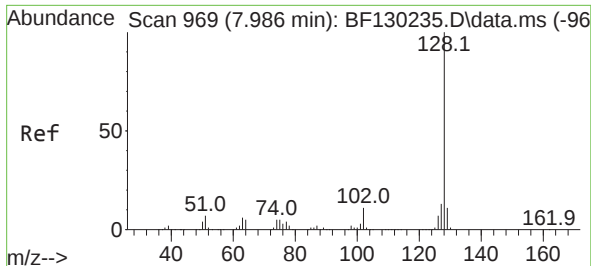
Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

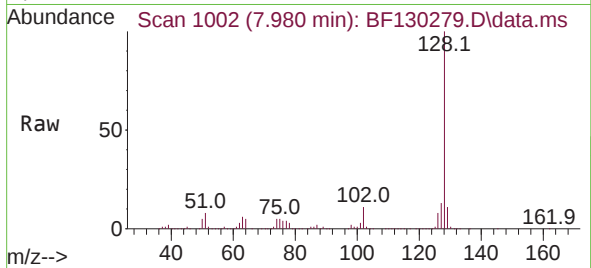
Tgt Ion:180	Resp: 276974
Ion Ratio	Lower Upper
180 100	
182 95.9	73.3 109.9
145 31.9	28.3 42.5





#31
Naphthalene
Concen: 48.399 ng
RT: 7.980 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

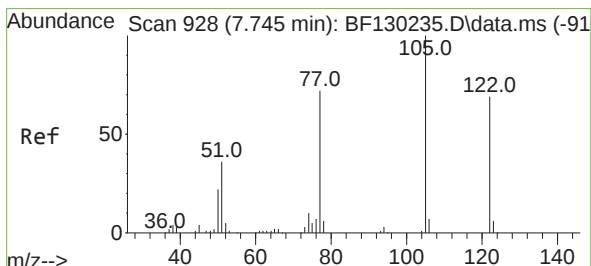
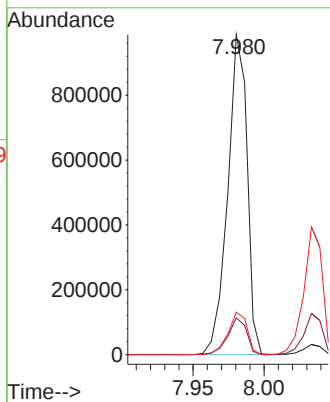
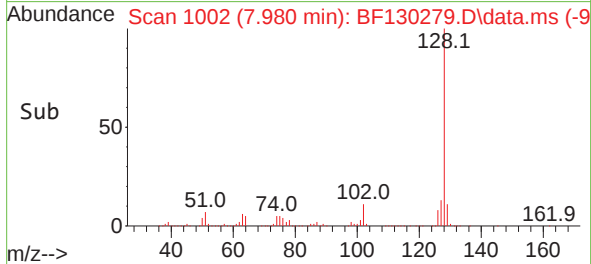
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:128 Resp: 938062
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.6 16.0

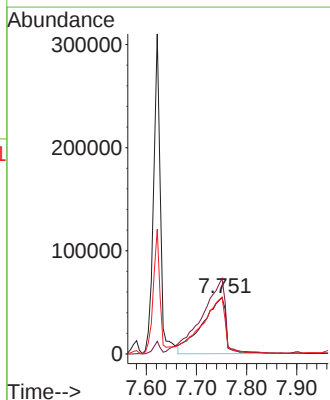
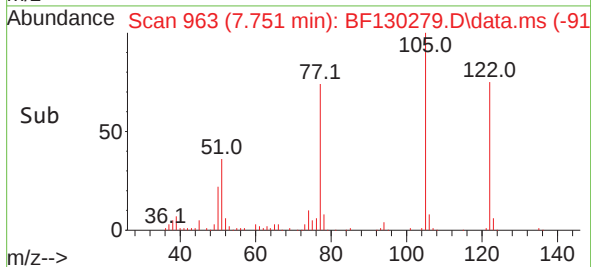
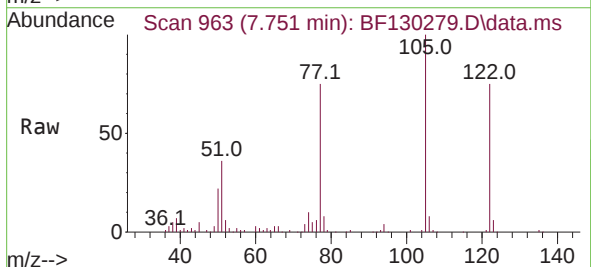
Manual Integrations
APPROVED

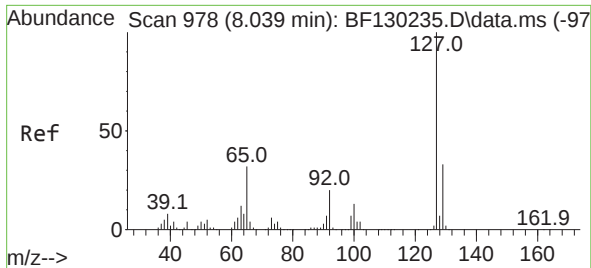
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#32
Benzoic acid
Concen: 49.575 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:122 Resp: 180938
Ion Ratio Lower Upper
122 100
105 133.8 112.9 152.9
77 100.5 82.8 122.8





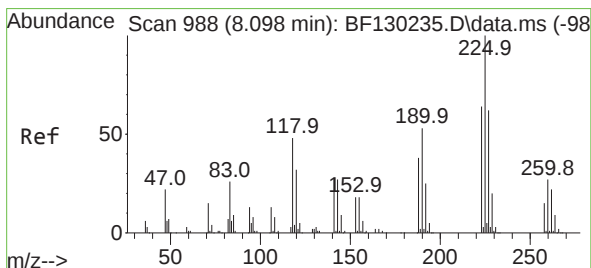
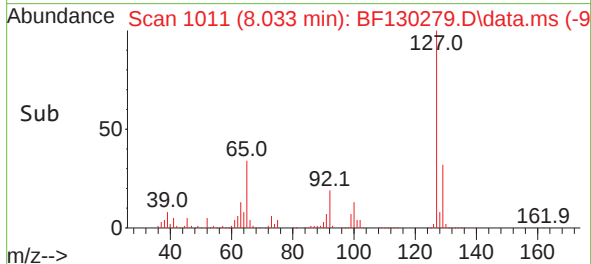
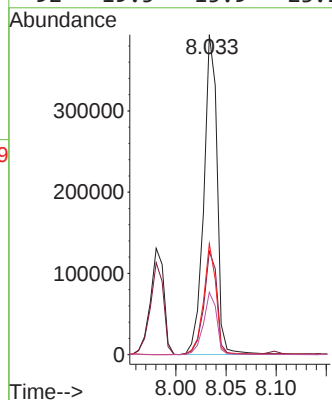
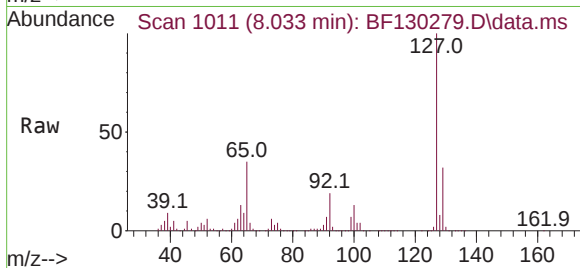
#33
4-Chloroaniline
Concen: 49.234 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:	127	Resp:	362934
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.6	38.4
65	34.7	27.0	40.6
92	19.5	15.9	23.9

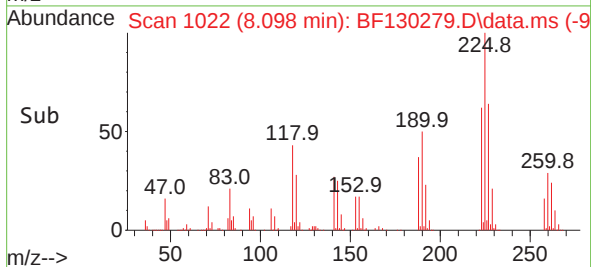
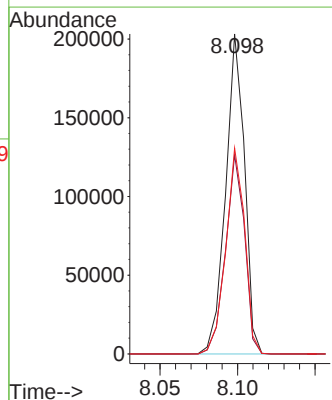
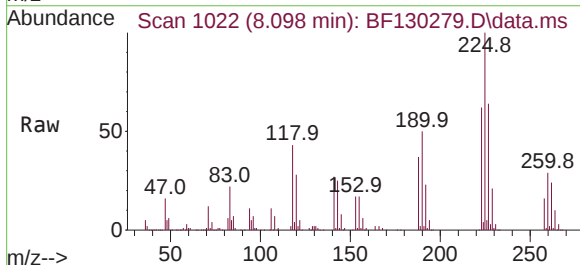
Manual Integrations
APPROVED

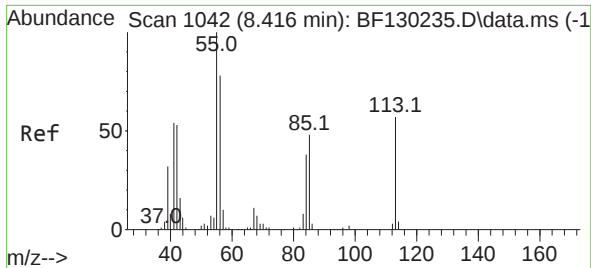
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#34
Hexachlorobutadiene
Concen: 48.355 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

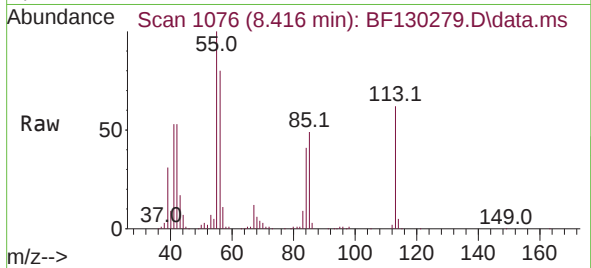
Tgt Ion:	225	Resp:	172801
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.3	75.5
227	64.3	51.1	76.7





#35
 Caprolactam
 Concen: 57.691 ng m
 RT: 8.416 min Scan# 1042
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

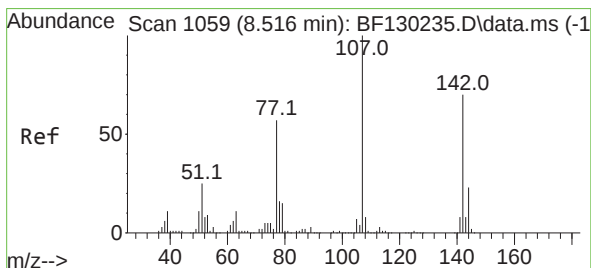
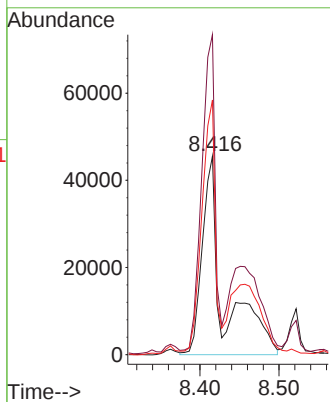
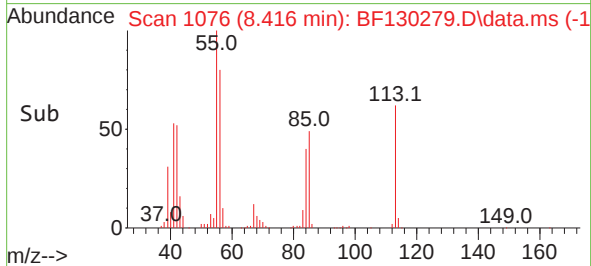
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



Tgt Ion:113 Resp: 85537
 Ion Ratio Lower Upper
 113 100
 55 161.4 155.4 195.4
 56 128.4 120.4 160.4

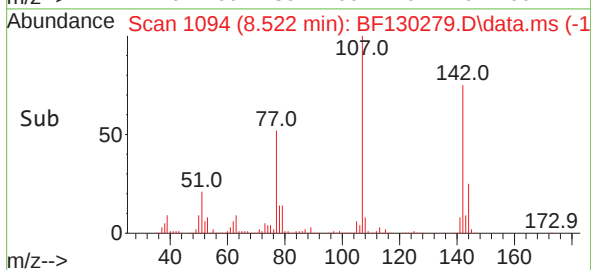
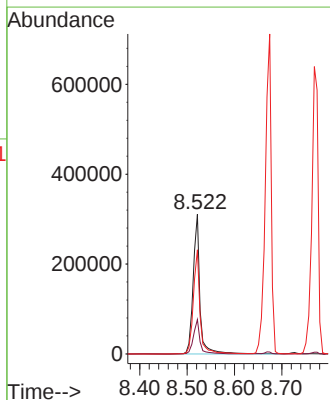
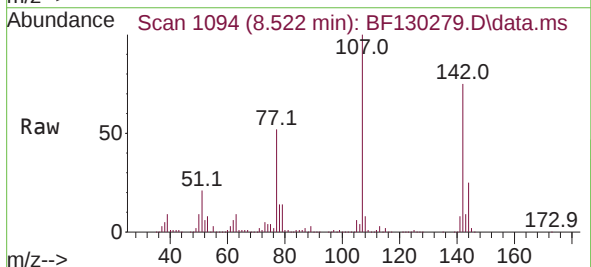
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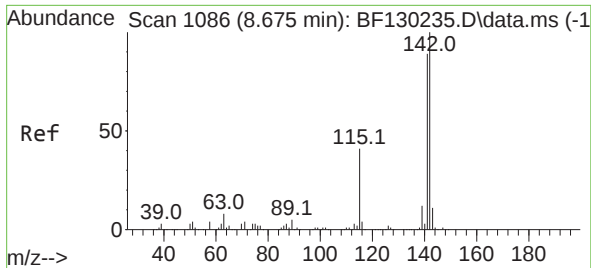
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 53.793 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

Tgt Ion:107 Resp: 308374
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 74.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 50.653 ng

RT: 8.674 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:142 Resp: 625955

Ion Ratio Lower Upper

142 100

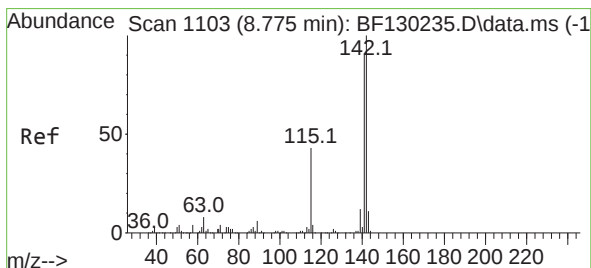
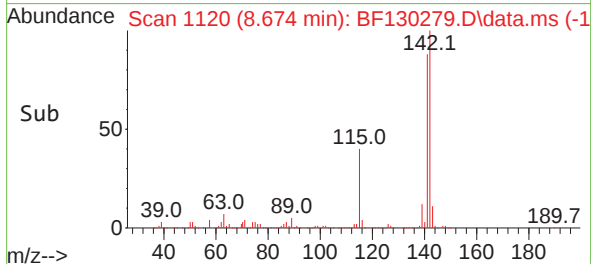
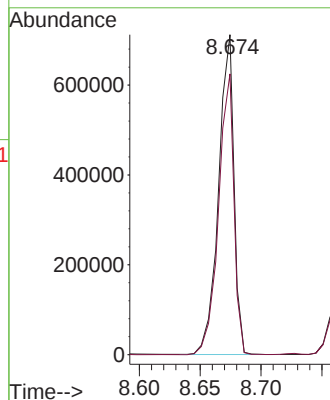
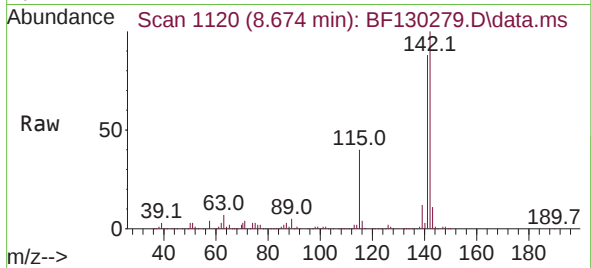
141 87.7 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#38

1-Methylnaphthalene

Concen: 49.886 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130279.D

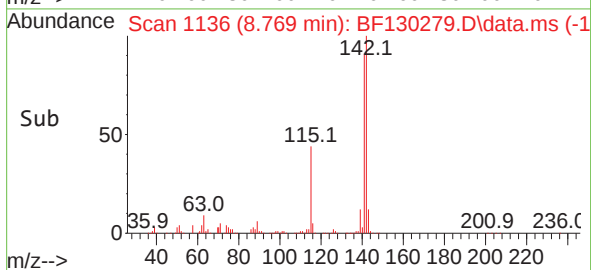
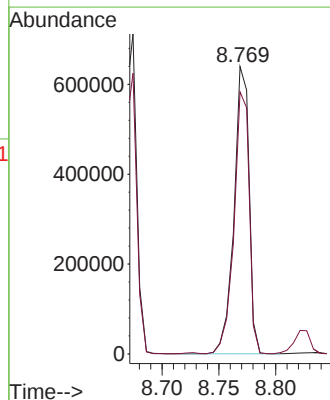
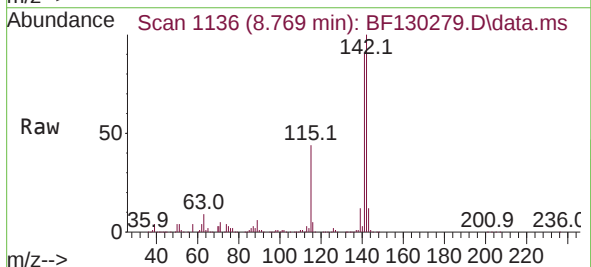
Acq: 15 Sep 2022 19:24

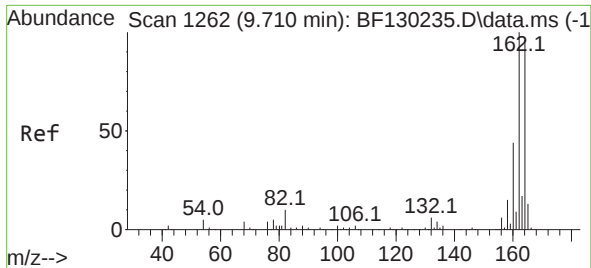
Tgt Ion:142 Resp: 592221

Ion Ratio Lower Upper

142 100

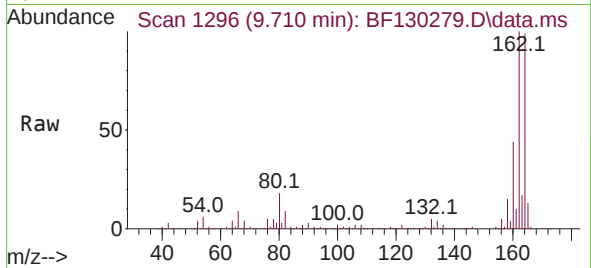
141 91.2 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

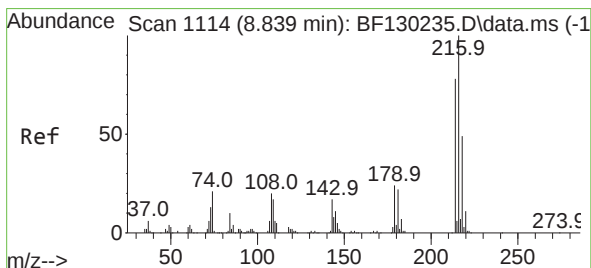
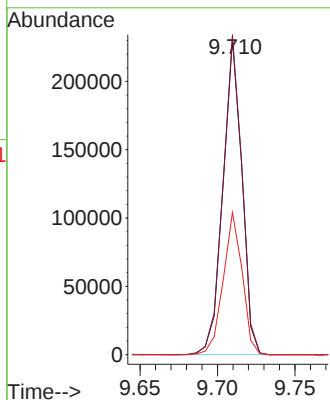
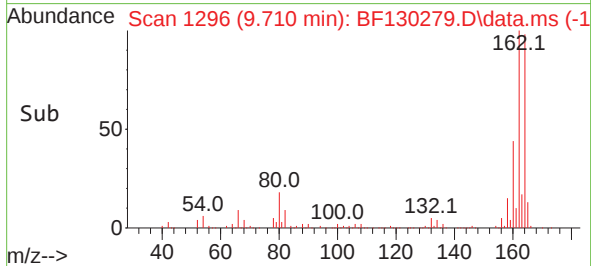
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



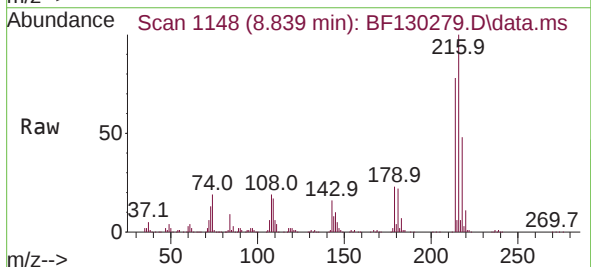
Tgt Ion:164 Resp: 195672
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.0 36.2 54.4

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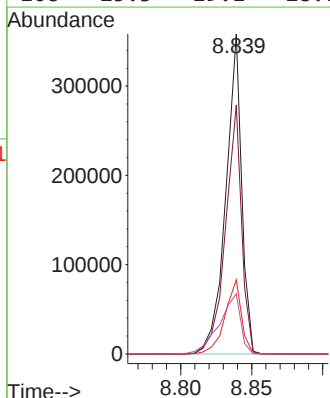
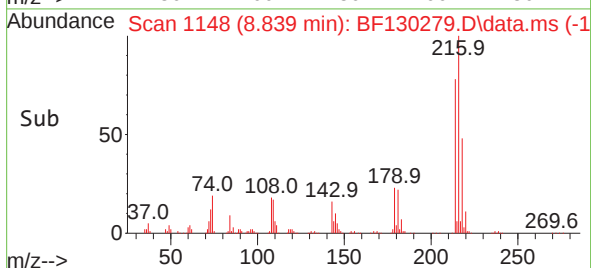
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

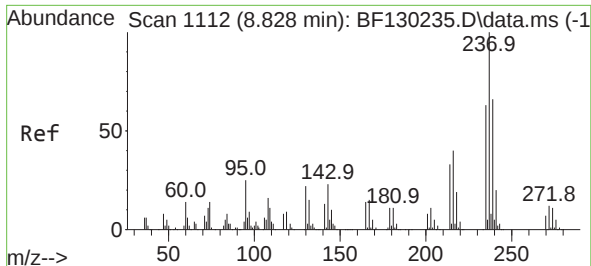


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.279 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion:216 Resp: 279167
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 23.9 19.5 29.3
108 25.3 19.1 28.7





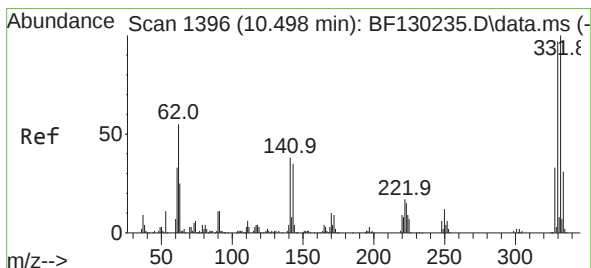
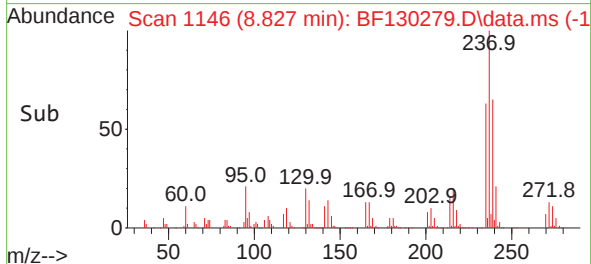
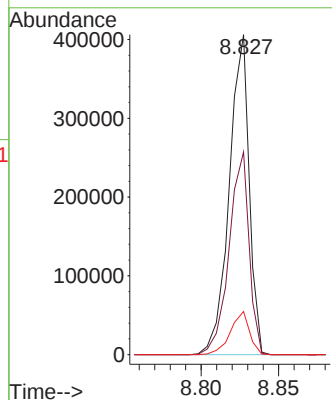
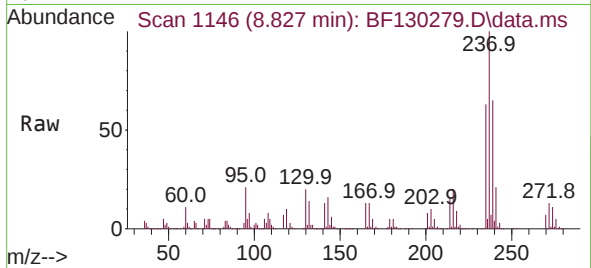
#41
Hexachlorocyclopentadiene
Concen: 127.365 ng
RT: 8.827 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:237 Resp: 364133
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 13.5 0.0 32.8

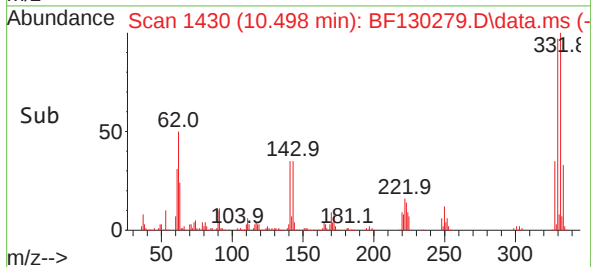
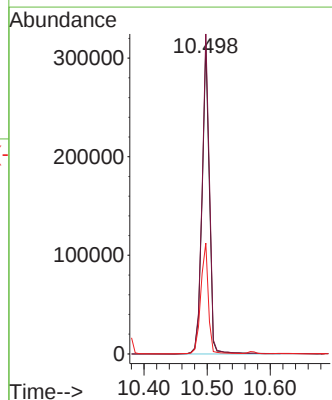
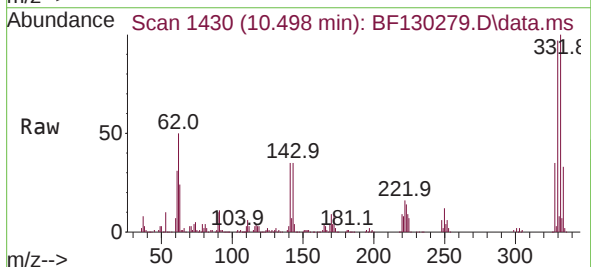
Manual Integrations
APPROVED

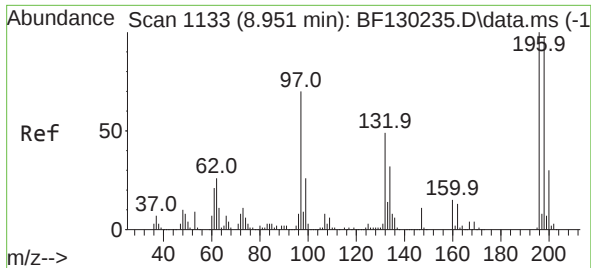
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#42
2,4,6-Tribromophenol
Concen: 134.078 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:330 Resp: 251384
Ion Ratio Lower Upper
330 100
332 104.3 83.4 125.2
141 37.7 34.0 51.0





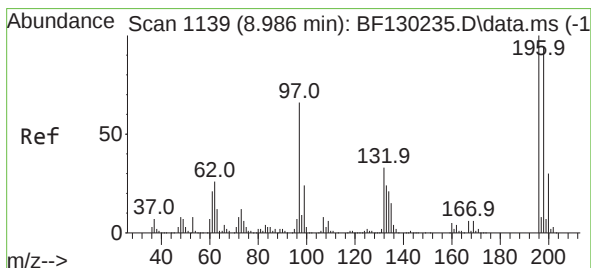
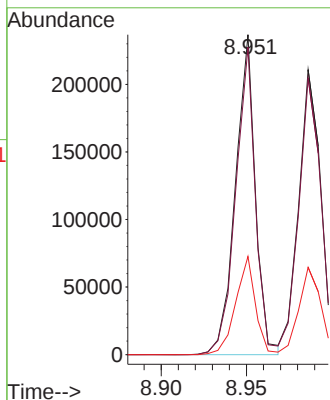
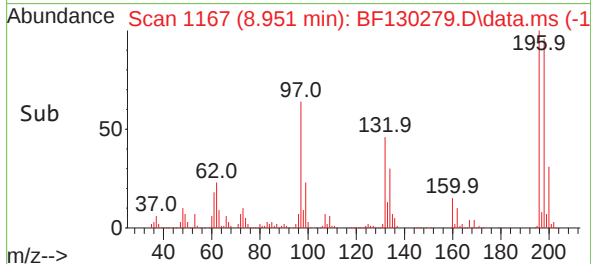
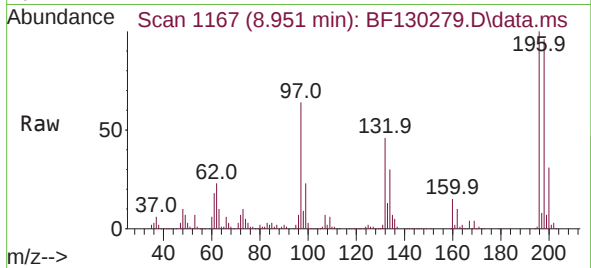
#43
2,4,6-Trichlorophenol
Concen: 51.768 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:196 Resp: 192932
Ion Ratio Lower Upper
196 100
198 96.1 72.4 108.6
200 30.7 23.8 35.6

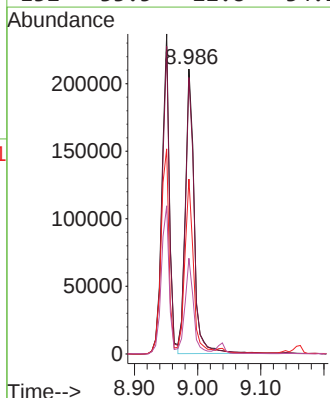
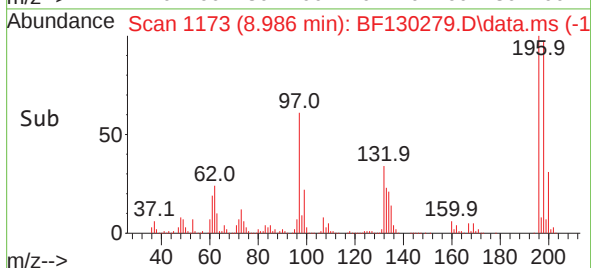
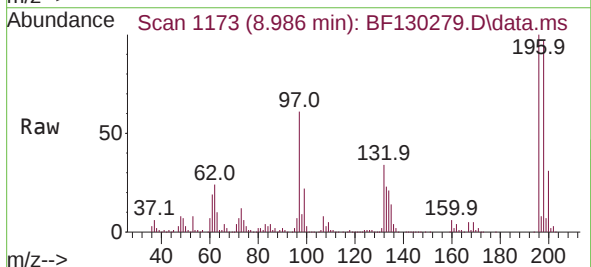
Manual Integrations
APPROVED

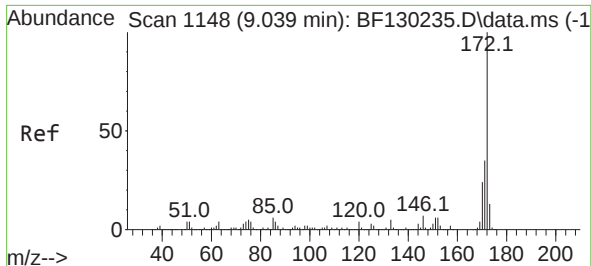
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#44
2,4,5-Trichlorophenol
Concen: 50.874 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

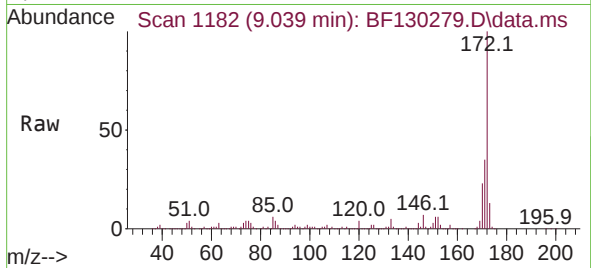
Tgt Ion:196 Resp: 204597
Ion Ratio Lower Upper
196 100
198 97.0 74.8 112.2
97 61.4 43.7 65.5
132 33.5 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 83.757 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

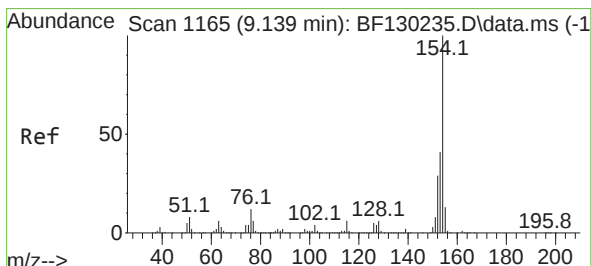
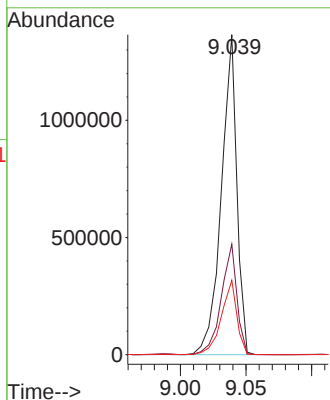
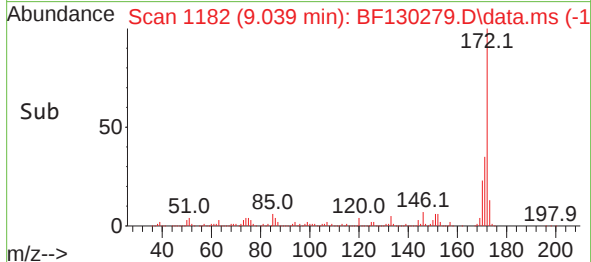
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



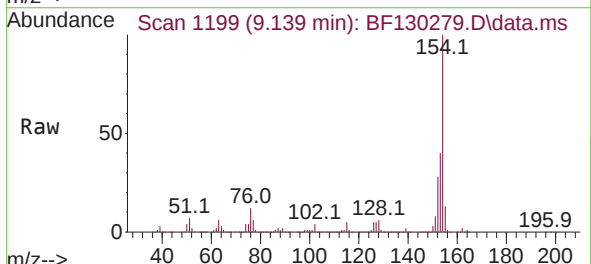
Tgt Ion:172 Resp: 1125459
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.2 18.7 28.1

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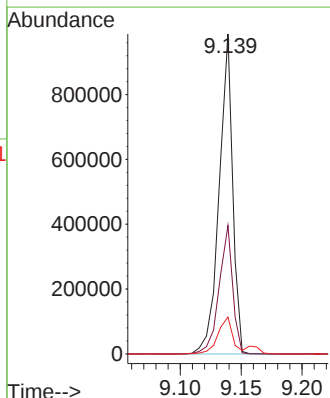
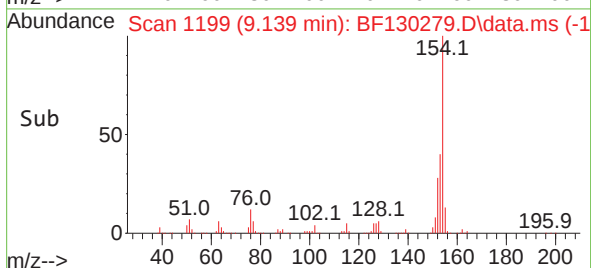
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

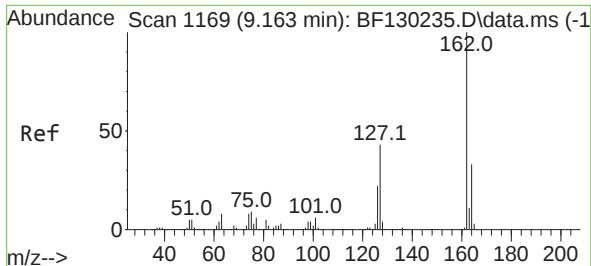


#46
1,1'-Biphenyl
Concen: 52.004 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion:154 Resp: 759962
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.158 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

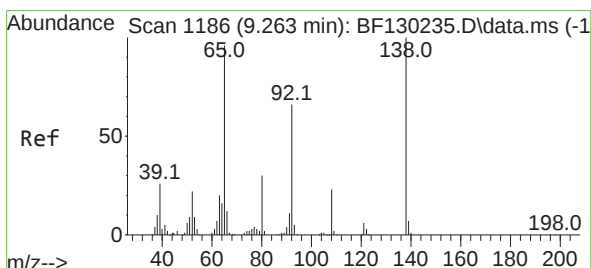
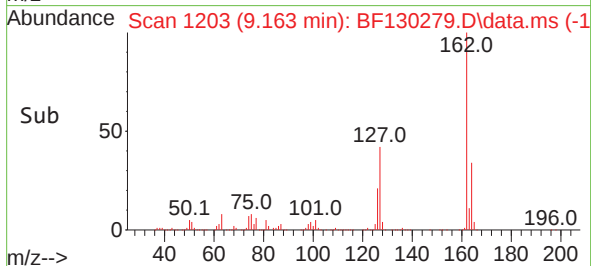
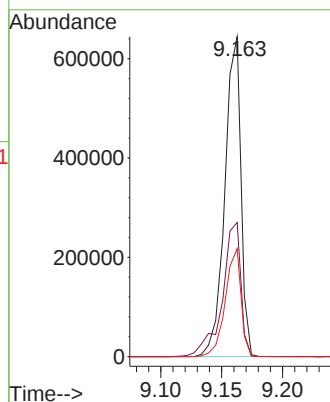
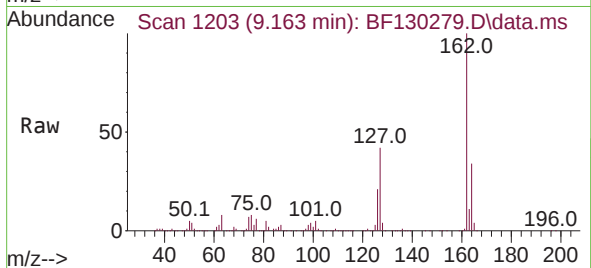
Tgt Ion:162 Resp: 592948
 Ion Ratio Lower Upper
 162 100
 127 41.9 35.9 53.9
 164 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#48

2-Nitroaniline

Concen: 49.608 ng

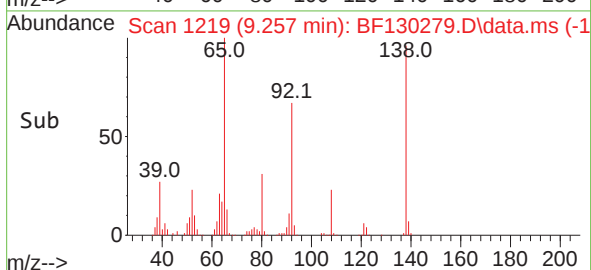
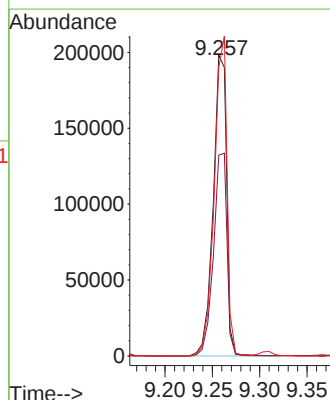
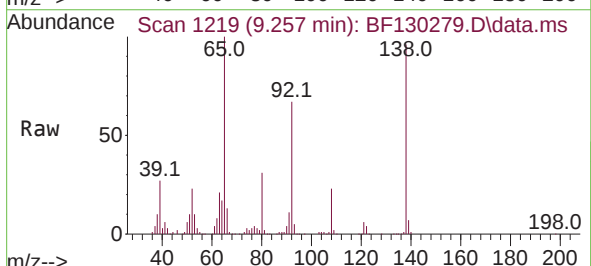
RT: 9.257 min Scan# 1219

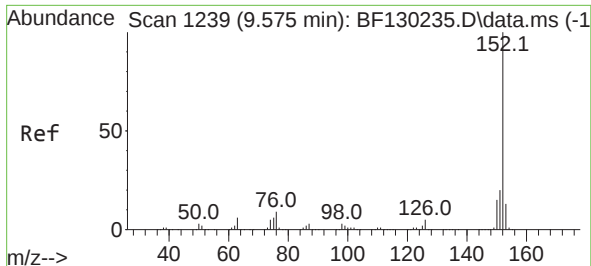
Delta R.T. -0.006 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

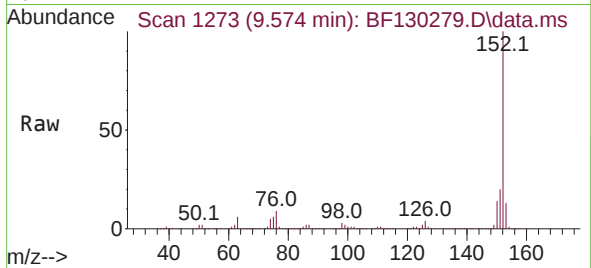
Tgt Ion: 65 Resp: 195598
 Ion Ratio Lower Upper
 65 100
 92 66.7 52.2 78.4
 138 95.7 77.0 115.4





#49
Acenaphthylene
Concen: 50.499 ng
RT: 9.574 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

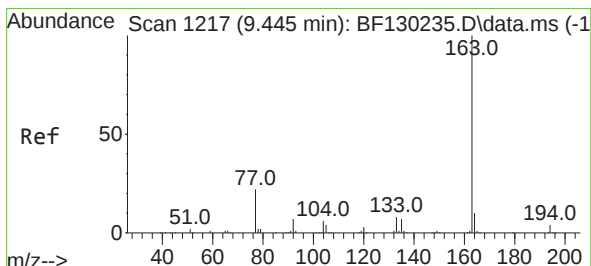
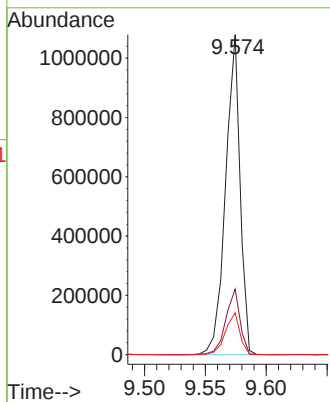
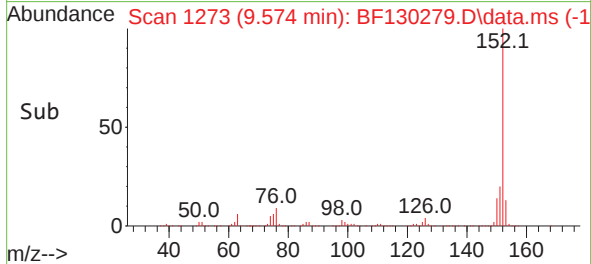
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



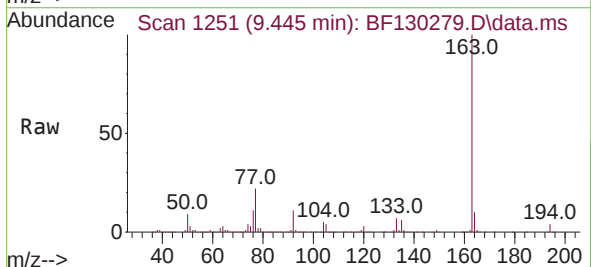
Tgt Ion:152 Resp: 895075
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.0 10.6 15.8

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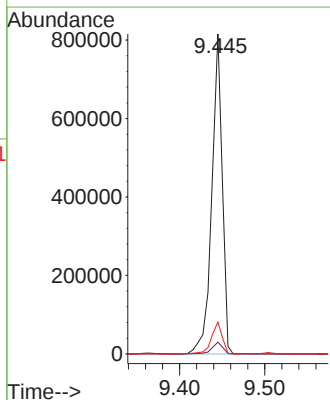
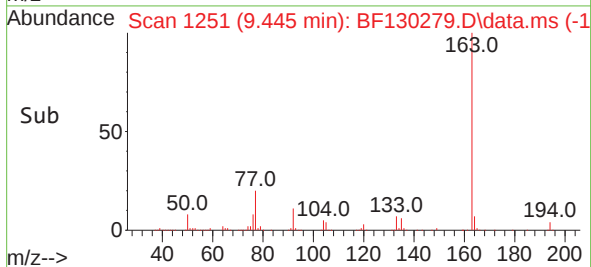
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

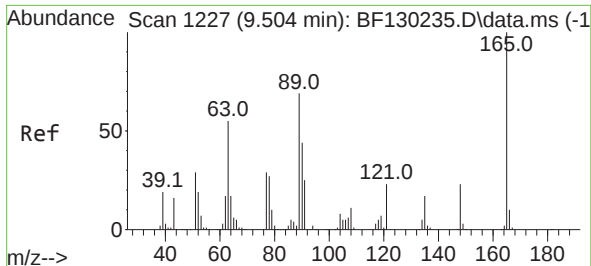


#50
Dimethylphthalate
Concen: 51.235 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



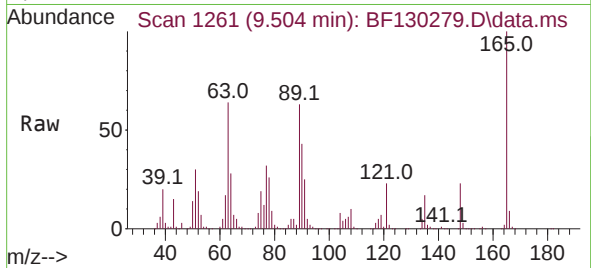
Tgt Ion:163 Resp: 692502
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.970 ng
RT: 9.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

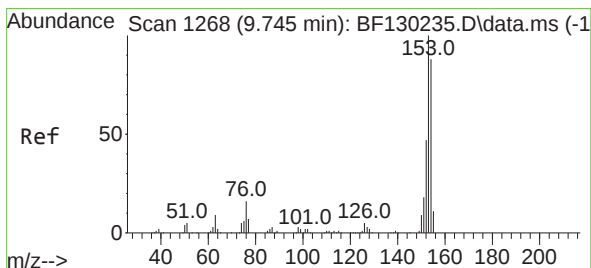
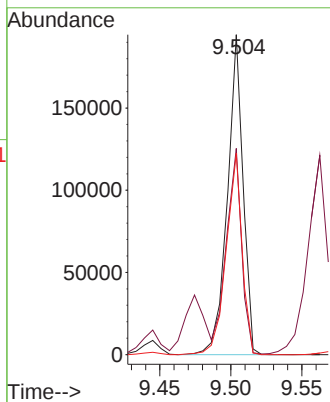
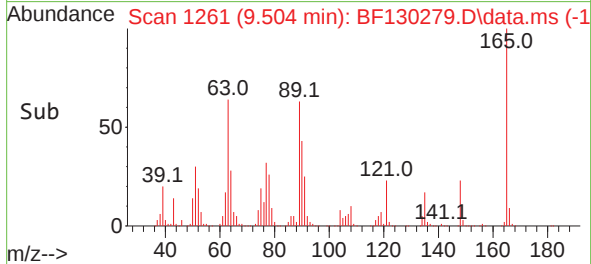
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:165 Resp: 149733
Ion Ratio Lower Upper
165 100
63 64.4 58.8 88.2
89 62.9 54.5 81.7

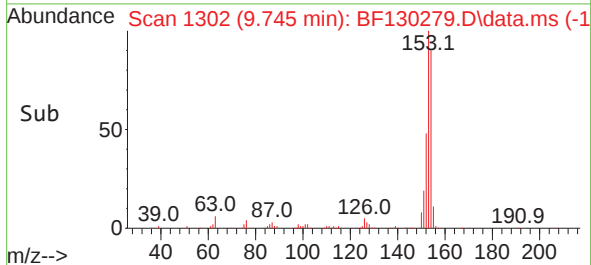
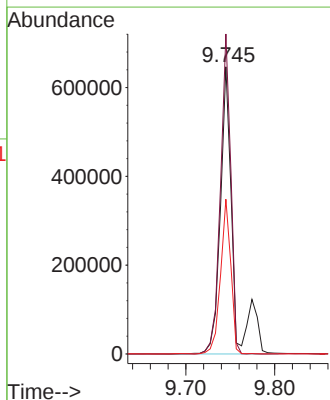
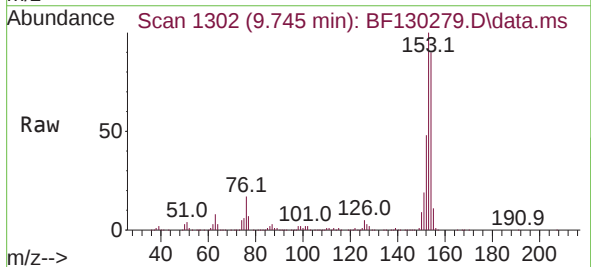
Manual Integrations
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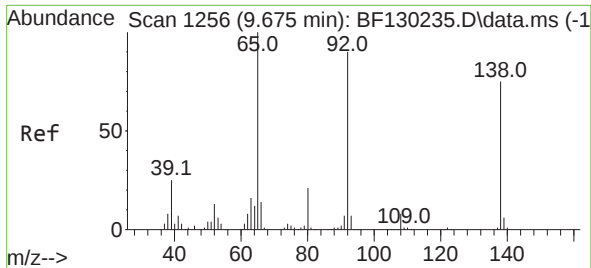
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#52
Acenaphthene
Concen: 54.421 ng m
RT: 9.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

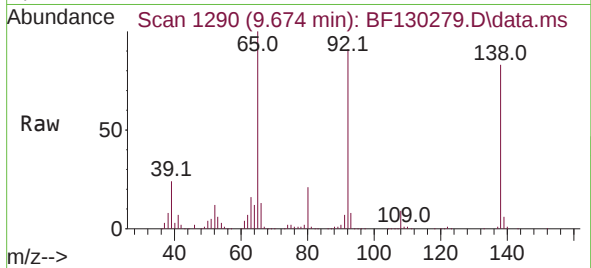
Tgt Ion:154 Resp: 633768
Ion Ratio Lower Upper
154 100
153 111.4 90.6 136.0
152 53.9 43.8 65.6





#53
3-Nitroaniline
Concen: 45.797 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

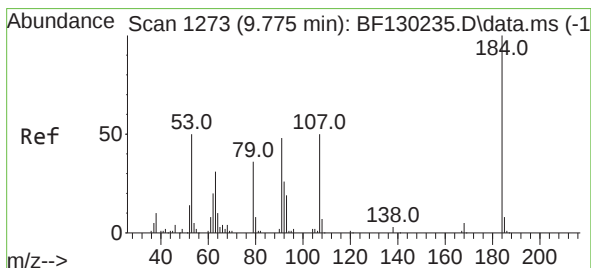
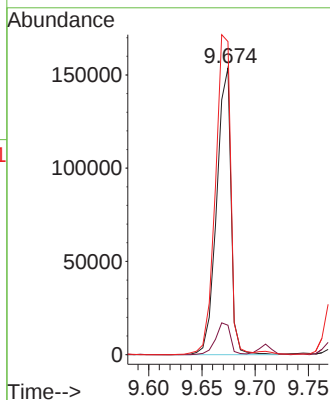
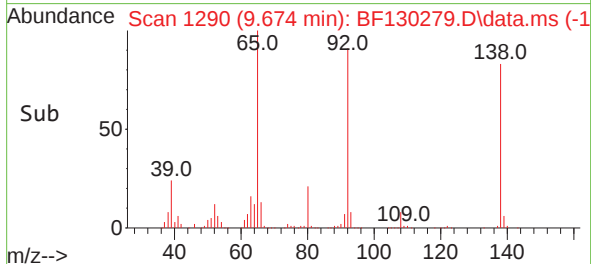
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



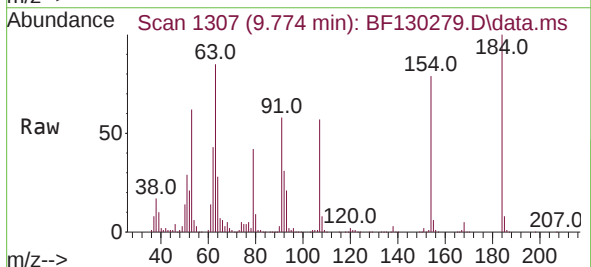
Tgt Ion:138 Resp: 144250
Ion Ratio Lower Upper
138 100
108 10.3 9.2 13.8
92 109.2 99.2 148.8

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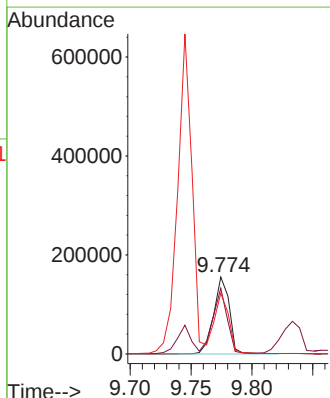
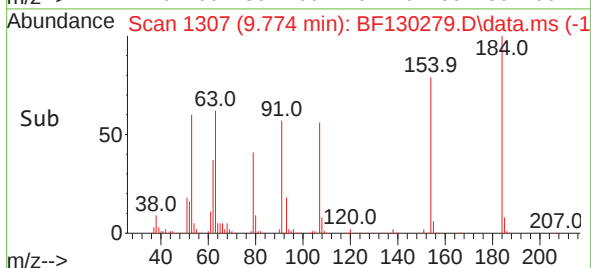
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

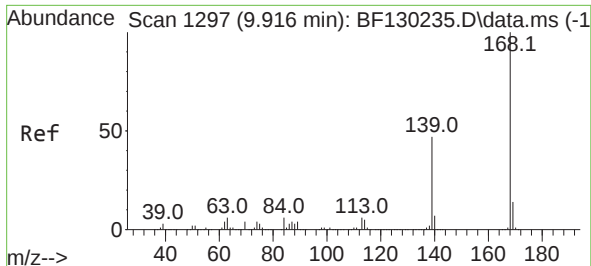


#54
2,4-Dinitrophenol
Concen: 89.345 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



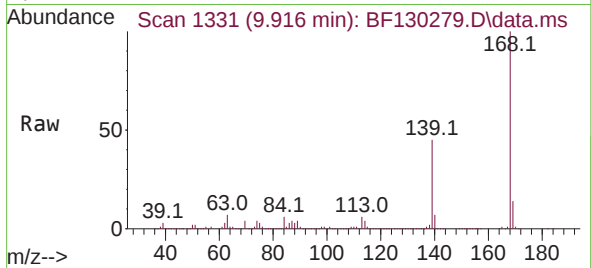
Tgt Ion:184 Resp: 138218
Ion Ratio Lower Upper
184 100
63 85.4 70.0 105.0
154 79.0 63.0 94.6





#55
Dibenzenofuran
Concen: 49.691 ng
RT: 9.916 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

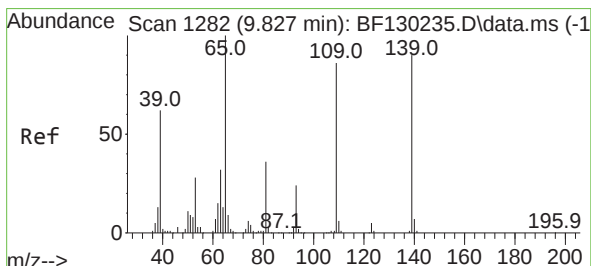
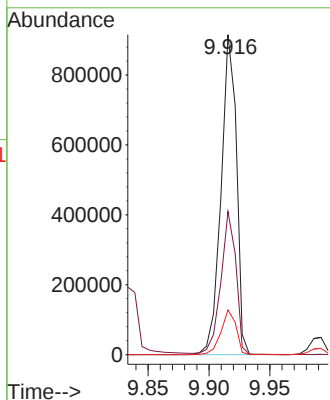
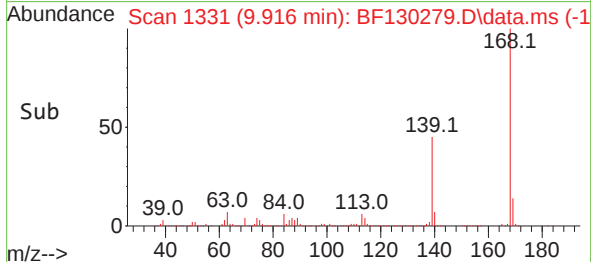
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



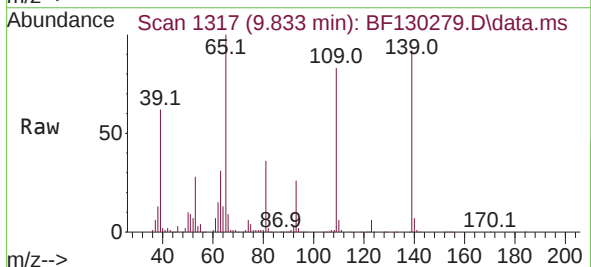
Tgt Ion:168 Resp: 804904
Ion Ratio Lower Upper
168 100
139 44.7 35.0 52.4
169 14.0 10.9 16.3

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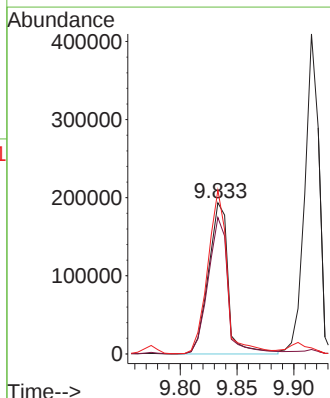
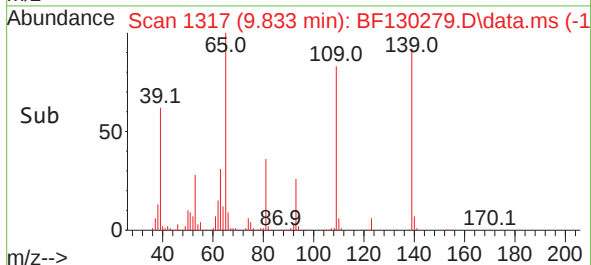
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

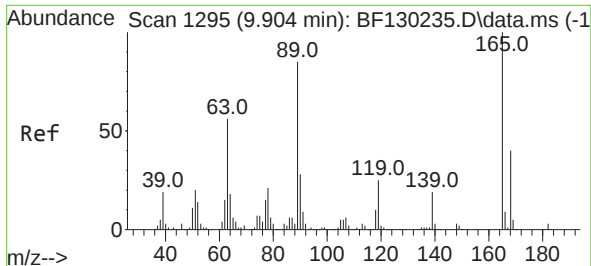


#56
4-Nitrophenol
Concen: 102.366 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



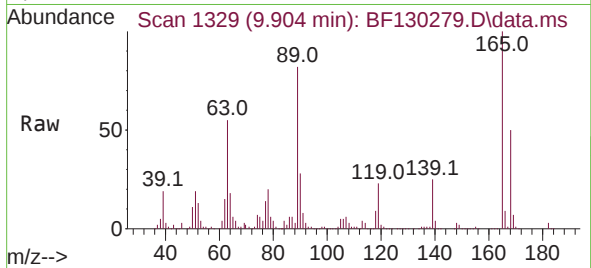
Tgt Ion:139 Resp: 234845
Ion Ratio Lower Upper
139 100
109 90.3 72.2 112.2
65 108.4 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 54.998 ng
RT: 9.904 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

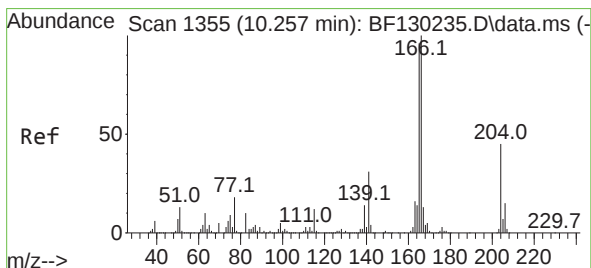
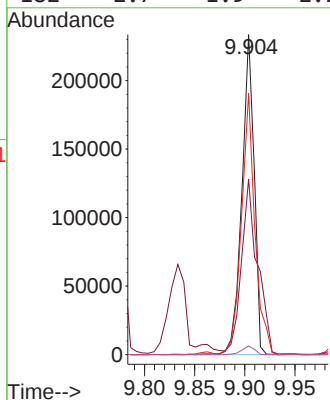
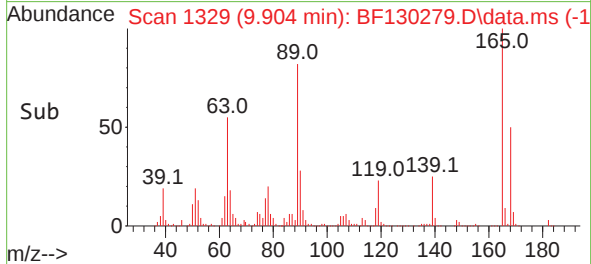
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



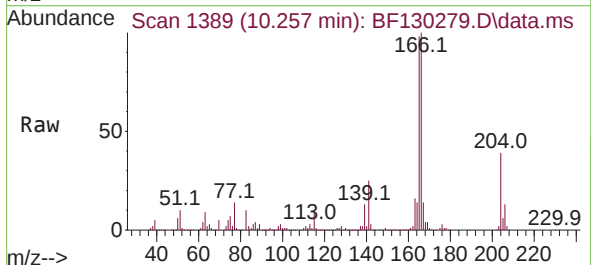
Tgt Ion:165 Resp: 198688
Ion Ratio Lower Upper
165 100
63 54.9 44.7 67.1
89 81.7 69.0 103.4
182 2.7 1.9 2.9

Manual Integrations
APPROVED

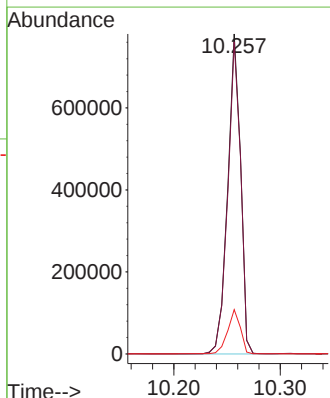
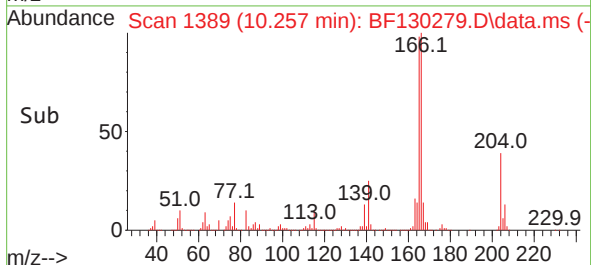
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

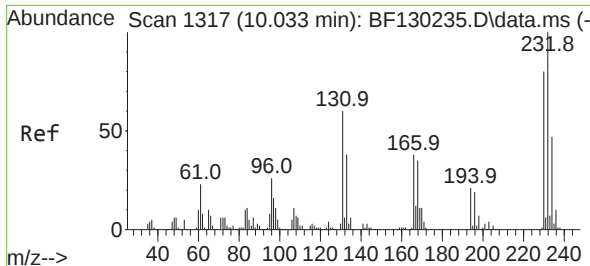


#58
Fluorene
Concen: 49.521 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



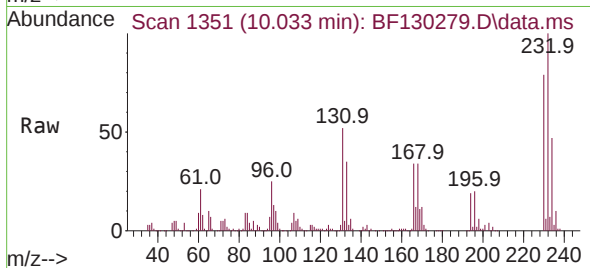
Tgt Ion:166 Resp: 656020
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.155 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

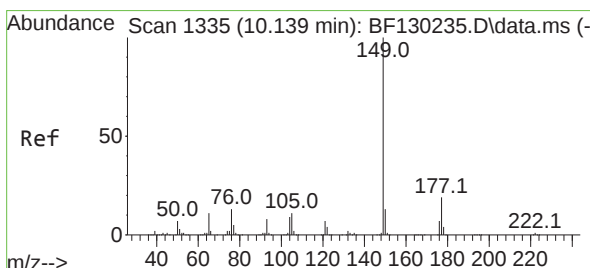
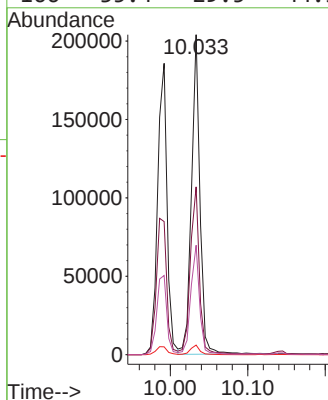
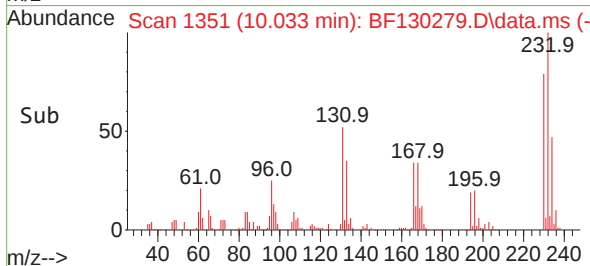
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



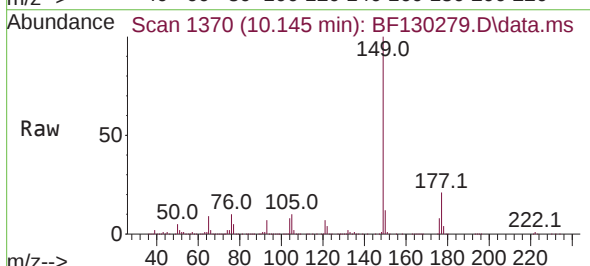
Tgt Ion:232 Resp: 154729
Ion Ratio Lower Upper
232 100
131 55.8 46.4 69.6
130 3.3 2.3 3.5
166 35.4 29.5 44.3

Manual Integrations
APPROVED

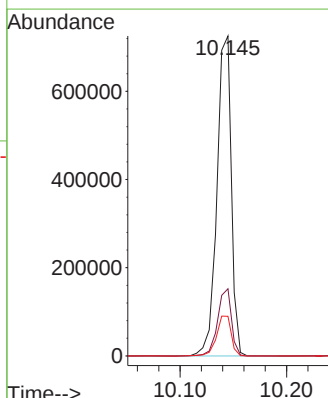
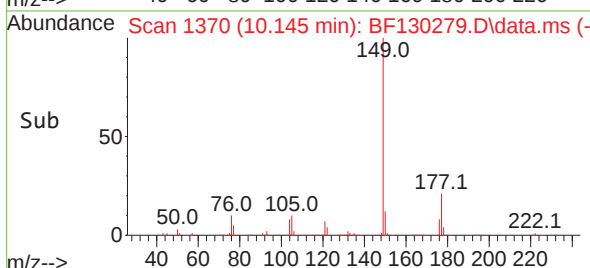
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

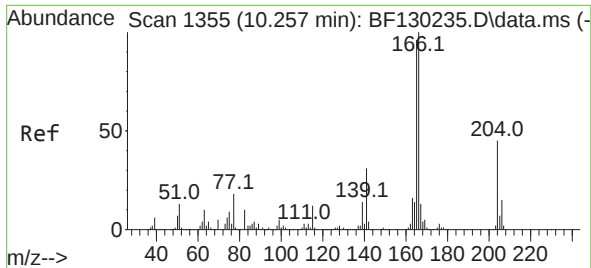


#60
Diethylphthalate
Concen: 50.259 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion:149 Resp: 681214
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 51.513 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

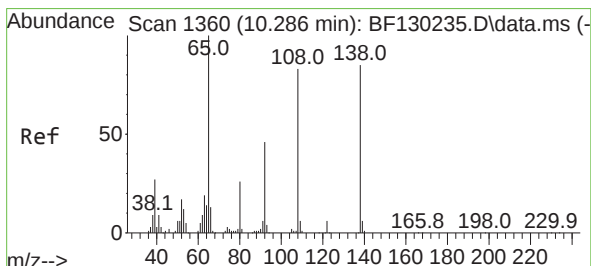
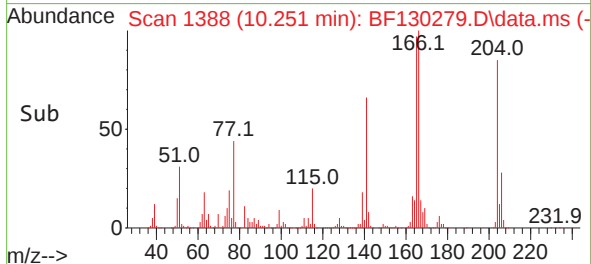
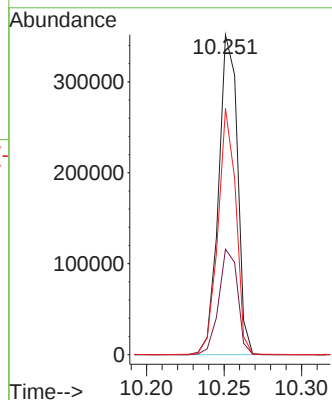
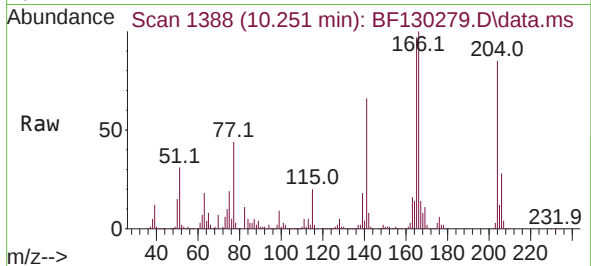
WC-2MSD

Tgt Ion:204 Resp: 299355
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 76.9 57.1 85.7

Manual Integrations

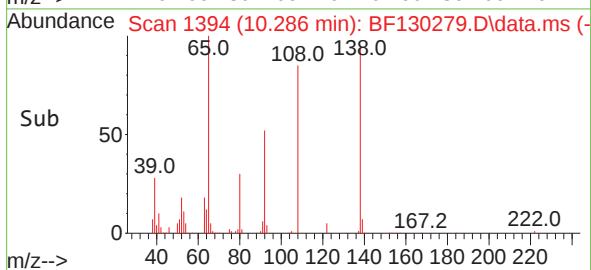
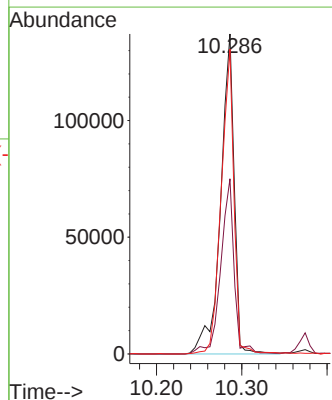
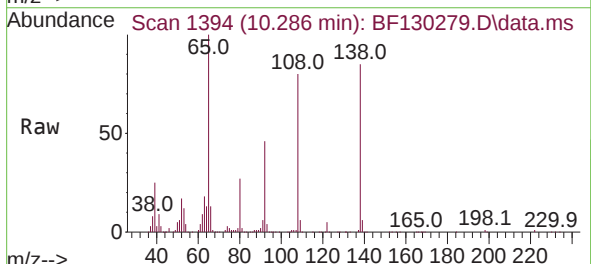
APPROVED

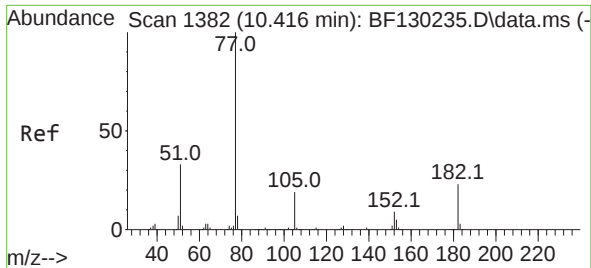
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#62
4-Nitroaniline
Concen: 47.983 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

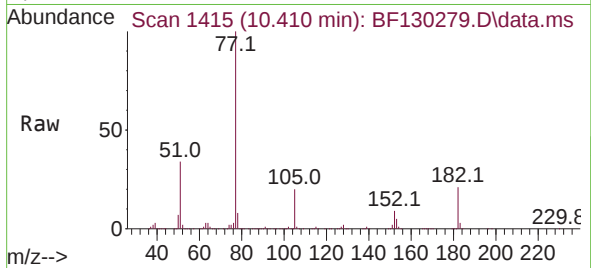
Tgt Ion:138 Resp: 151829
Ion Ratio Lower Upper
138 100
92 54.7 36.7 76.7
108 95.2 78.2 118.2





#63
Azobenzene
Concen: 47.041 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

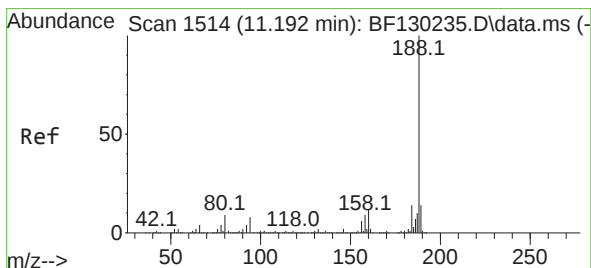
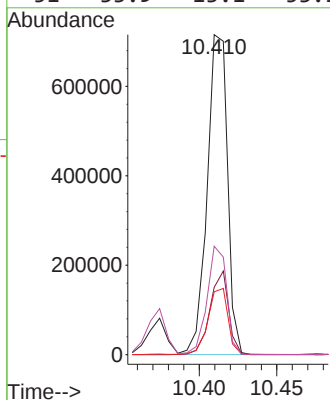
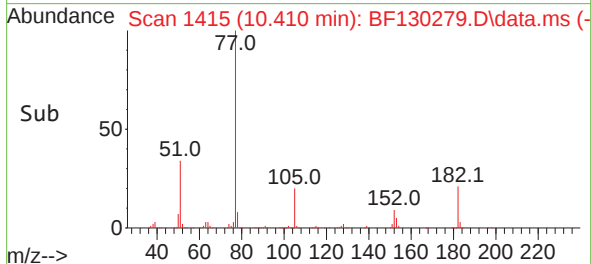
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



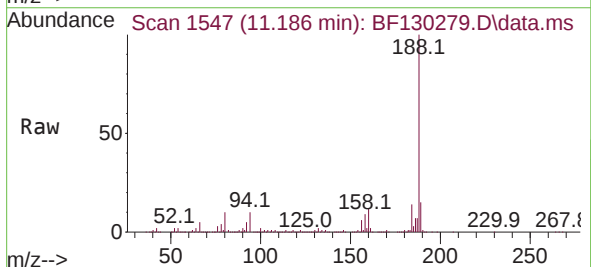
Tgt Ion: 77 Resp: 656546
Ion Ratio Lower Upper
77 100
182 21.0 2.1 42.1
105 19.6 0.0 39.4
51 33.9 13.1 53.1

Manual Integrations
APPROVED

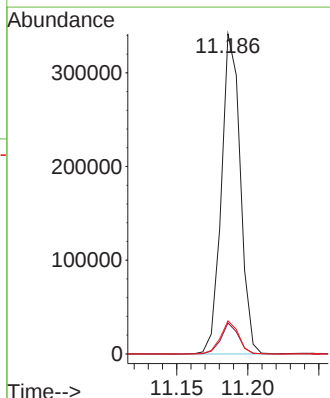
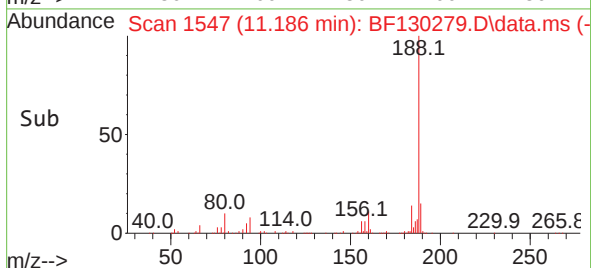
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

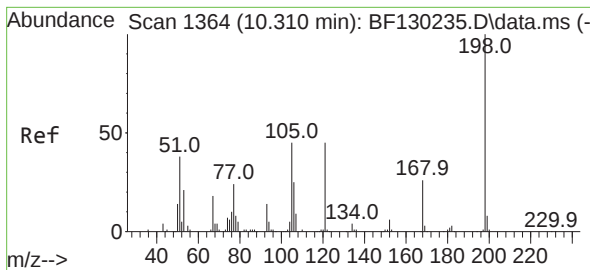


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion:188 Resp: 316423
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 7.9 11.9





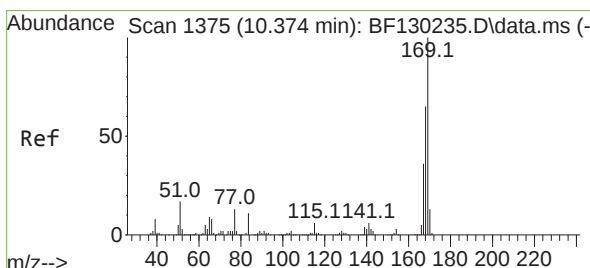
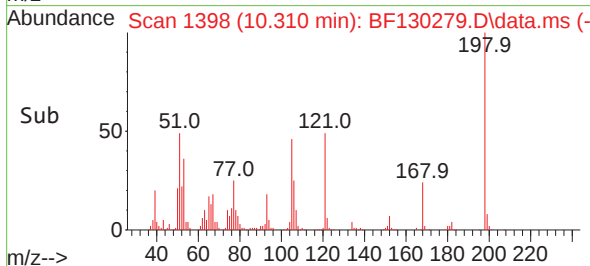
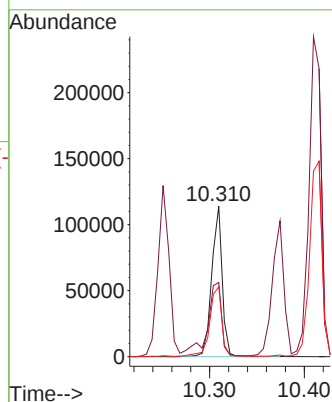
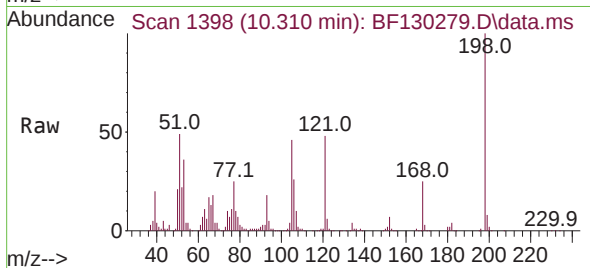
#65
4,6-Dinitro-2-methylphenol
Concen: 49.983 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:198 Resp: 88042
Ion Ratio Lower Upper
198 100
51 49.3 36.9 76.9
105 46.4 33.0 73.0

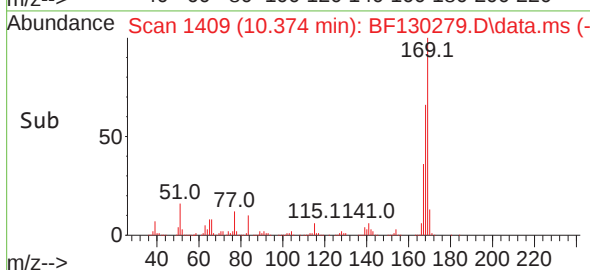
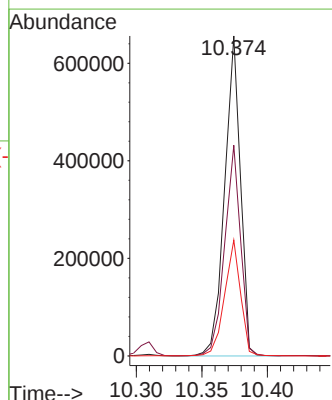
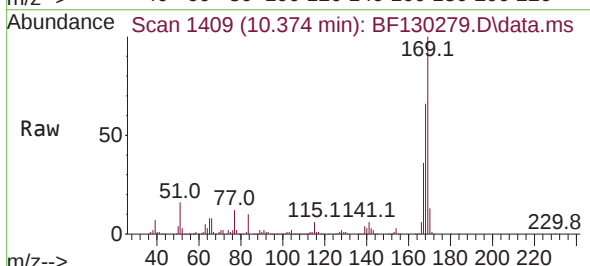
Manual Integrations
APPROVED

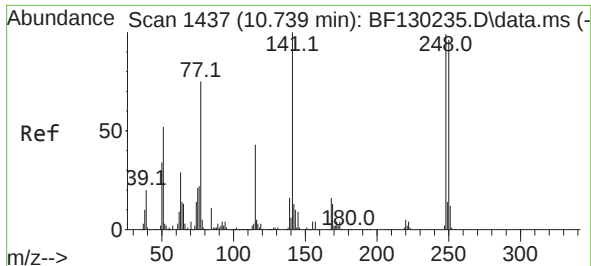
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#66
n-Nitrosodiphenylamine
Concen: 52.145 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

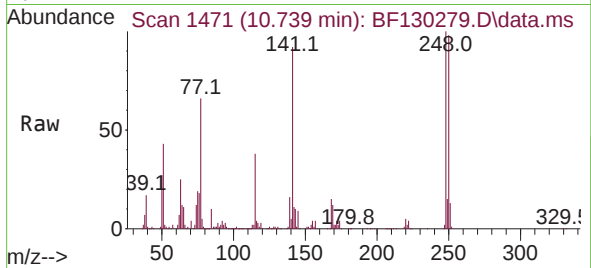
Tgt Ion:169 Resp: 551379
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 53.421 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

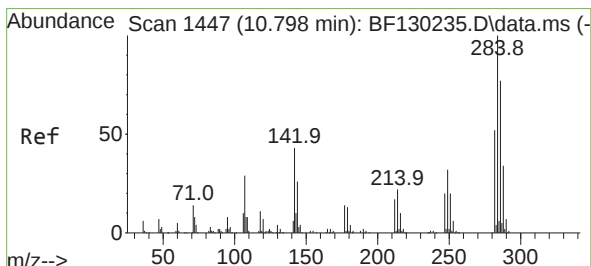
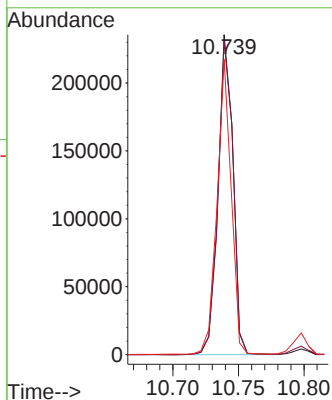
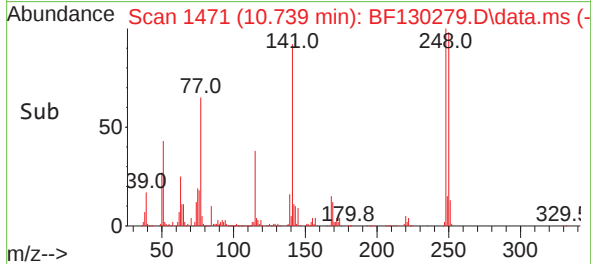
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:248 Resp: 186473
Ion Ratio Lower Upper
248 100
250 98.0 80.0 120.0
141 92.3 68.5 102.7

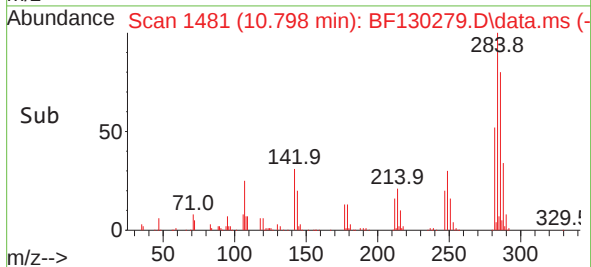
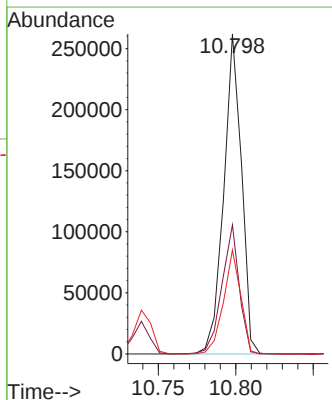
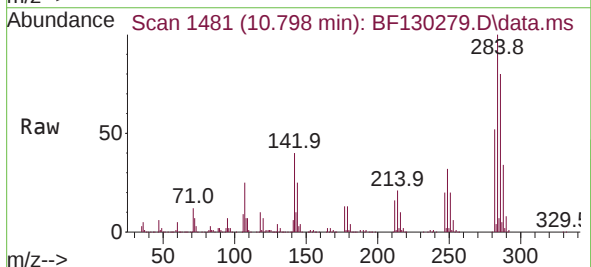
Manual Integrations
APPROVED

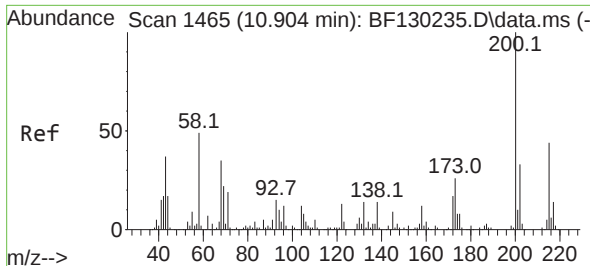
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#68
Hexachlorobenzene
Concen: 52.625 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

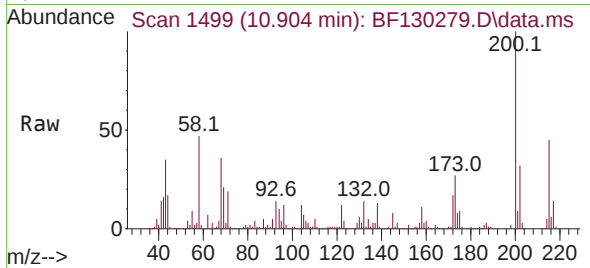
Tgt Ion:284 Resp: 208231
Ion Ratio Lower Upper
284 100
142 40.3 27.2 40.8
249 32.5 23.8 35.8





#69
 Atrazine
 Concen: 56.711 ng
 RT: 10.904 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

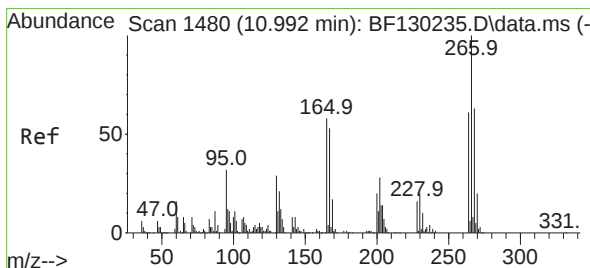
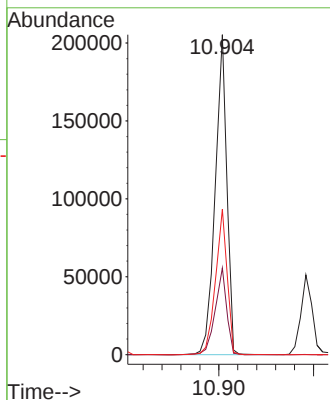
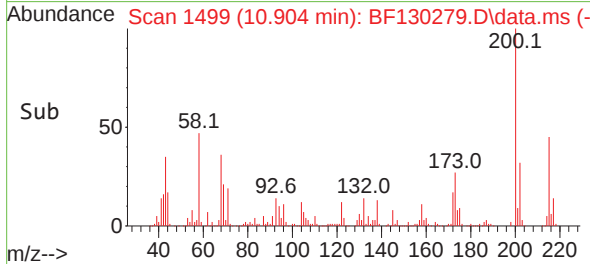
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



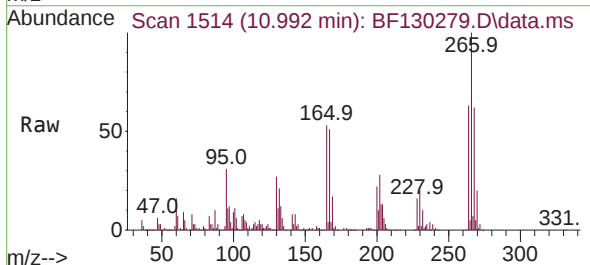
Tgt Ion:200 Resp: 175243
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.2 46.2
 215 45.4 22.5 62.5

Manual Integrations
 APPROVED

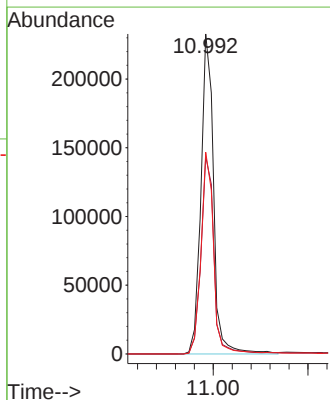
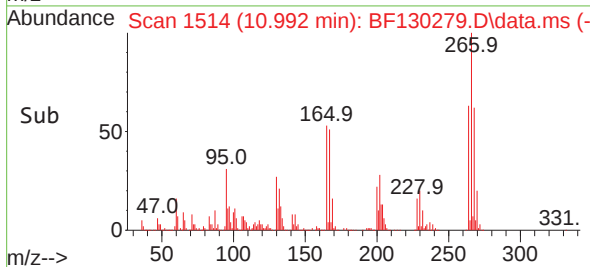
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

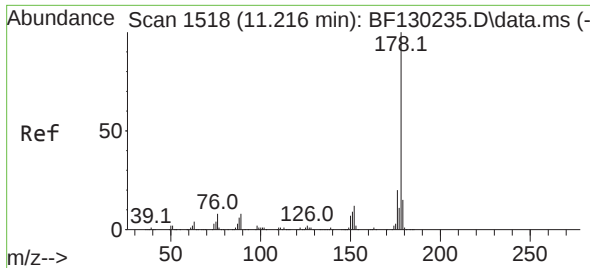


#70
 Pentachlorophenol
 Concen: 101.384 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24



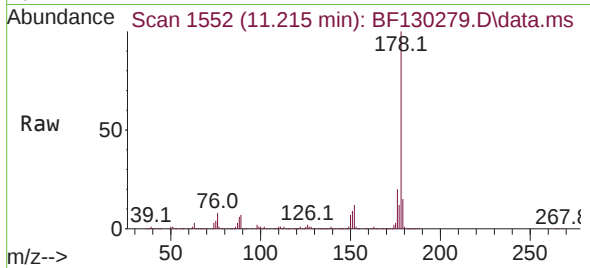
Tgt Ion:266 Resp: 215302
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.5 75.7
 264 63.0 50.5 75.7





#71
Phenanthrene
Concen: 49.424 ng
RT: 11.215 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

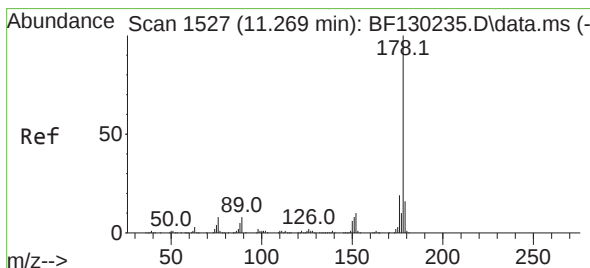
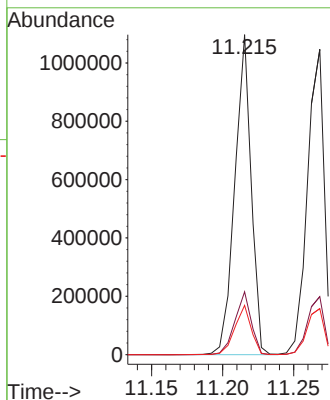
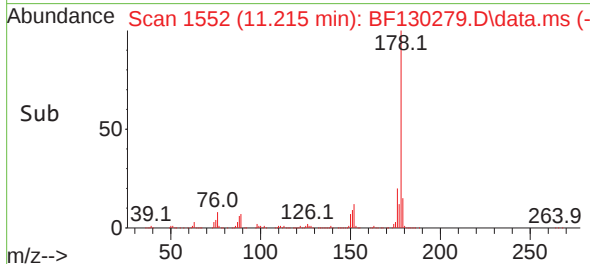
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



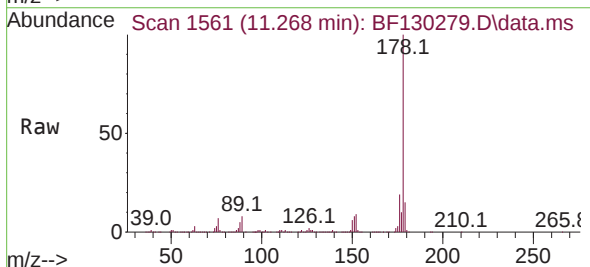
Tgt Ion:178 Resp: 878041
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

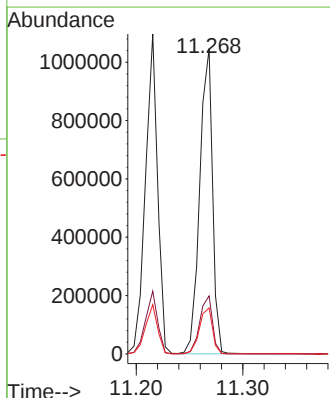
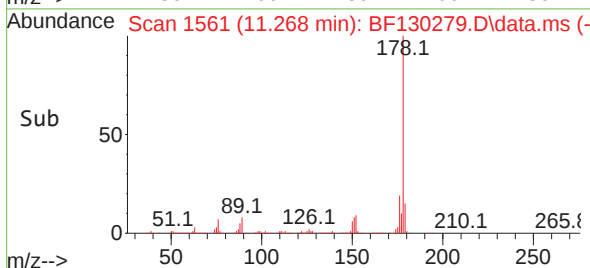
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

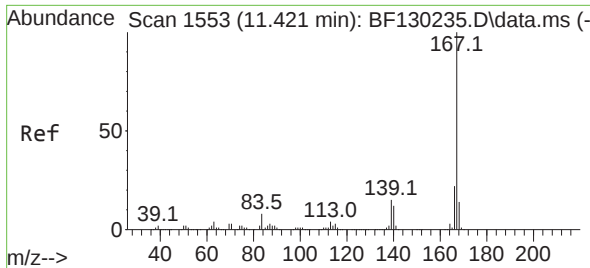


#72
Anthracene
Concen: 50.817 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



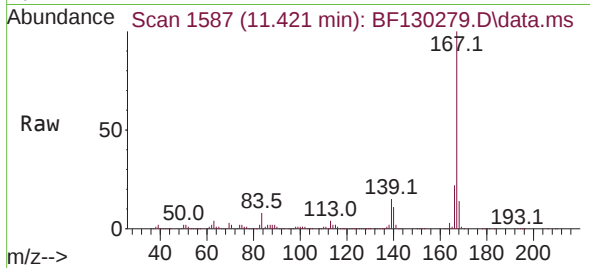
Tgt Ion:178 Resp: 871203
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.1 12.7 19.1





#73
 Carbazole
 Concen: 48.599 ng
 RT: 11.421 min Scan# 1553
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

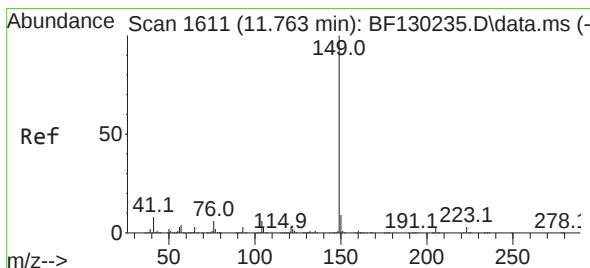
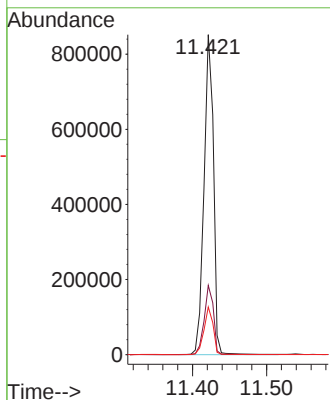
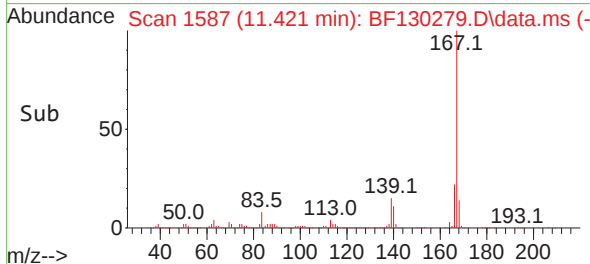
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



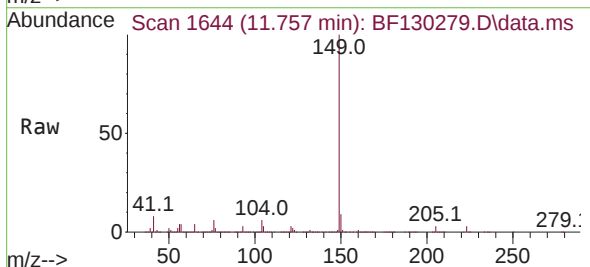
Tgt Ion:167 Resp: 751936
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 14.9 11.6 17.4

Manual Integrations
 APPROVED

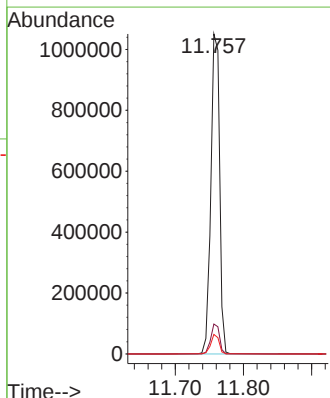
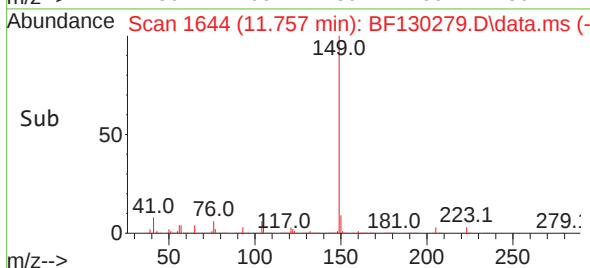
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

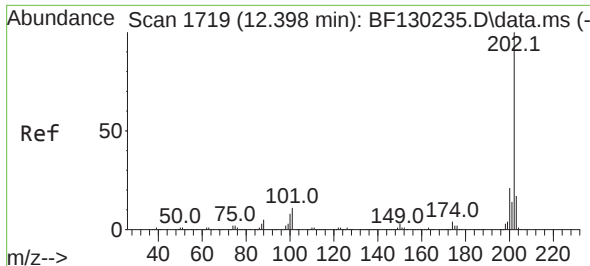


#74
 Di-n-butylphthalate
 Concen: 50.273 ng
 RT: 11.757 min Scan# 1644
 Delta R.T. -0.006 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24



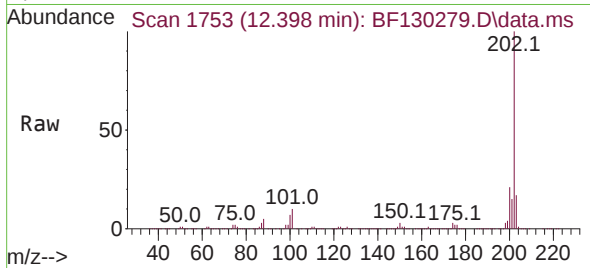
Tgt Ion:149 Resp: 937981
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.1 4.8 7.2





#75
Fluoranthene
Concen: 44.909 ng
RT: 12.398 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

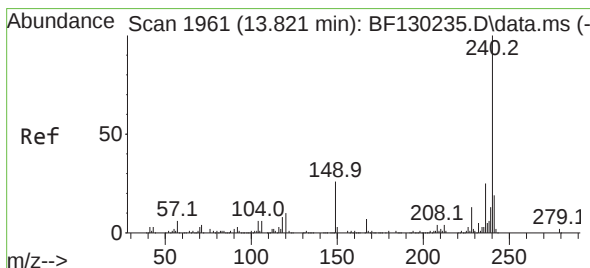
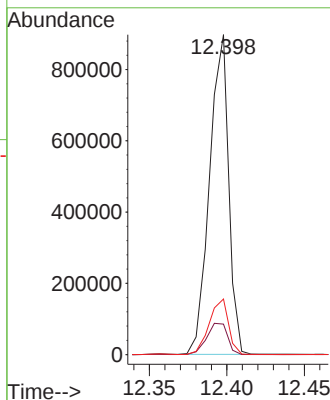
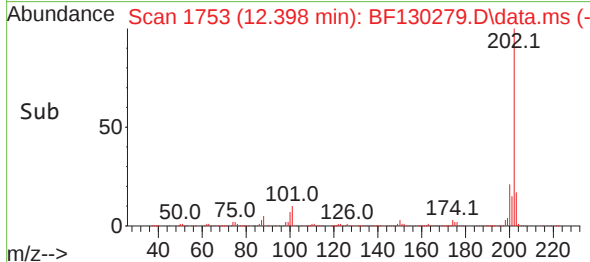
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



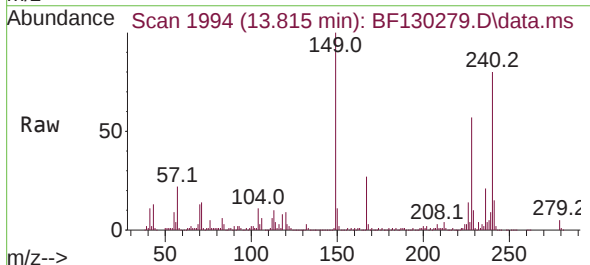
Tgt Ion:202 Resp: 770940
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

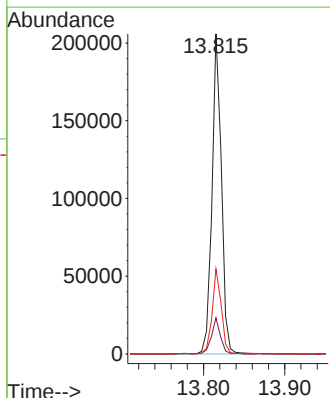
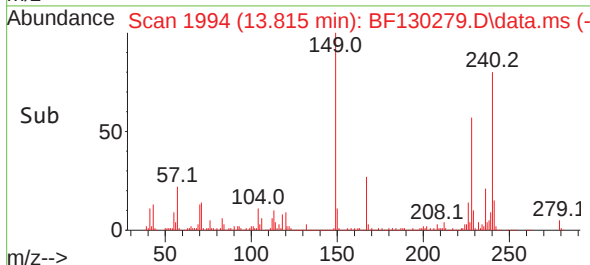
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

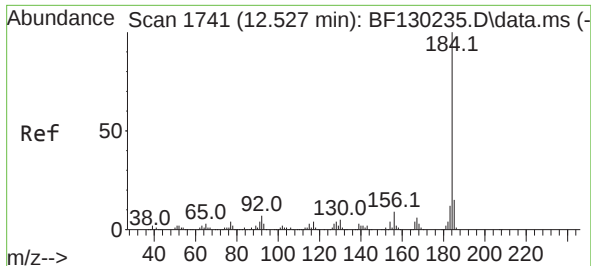


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



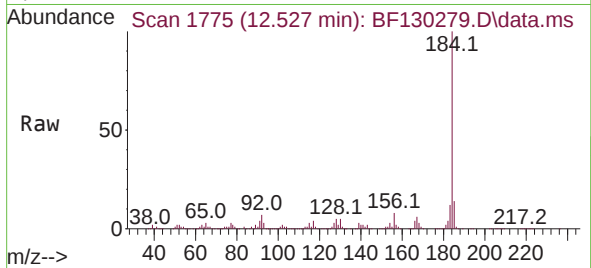
Tgt Ion:240 Resp: 166130
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 26.5 20.9 31.3





#77
Benzidine
Concen: 103.376 ng
RT: 12.527 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

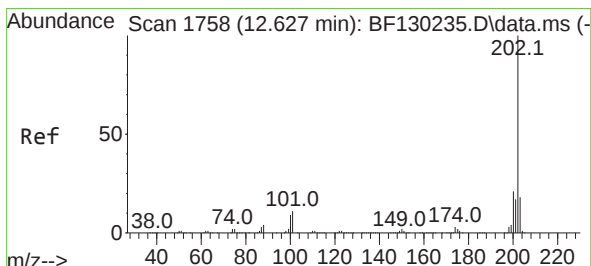
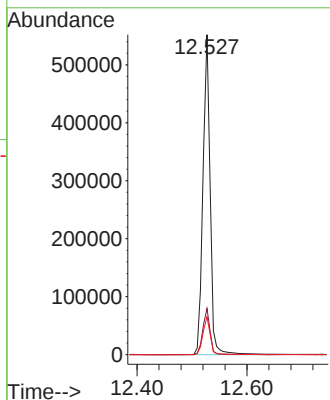
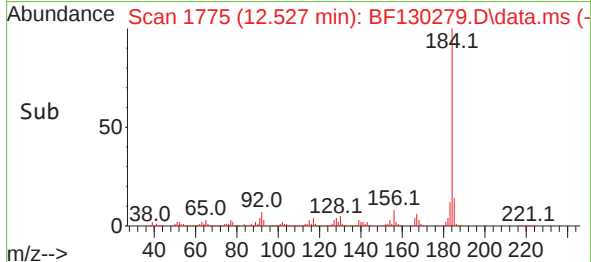
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



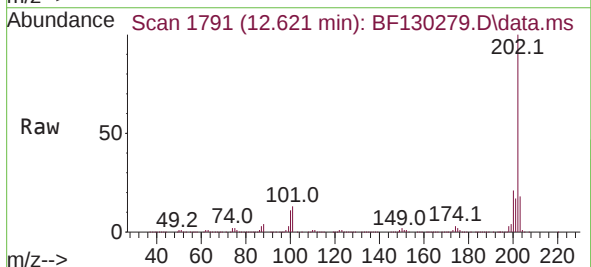
Tgt Ion:184 Resp: 498540
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.8 9.1 13.7

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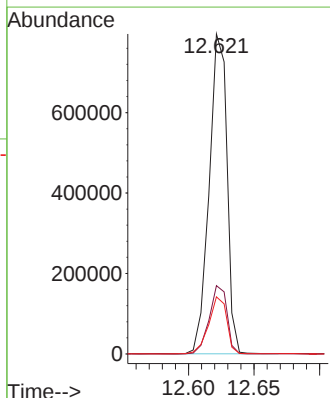
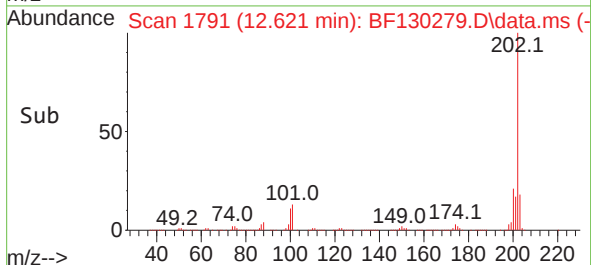
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

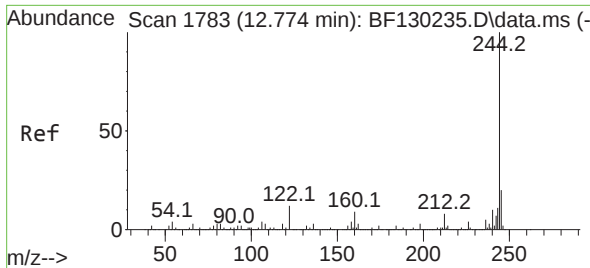


#78
Pyrene
Concen: 51.874 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



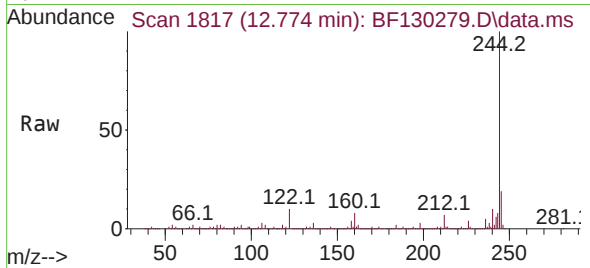
Tgt Ion:202 Resp: 753887
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 88.596 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

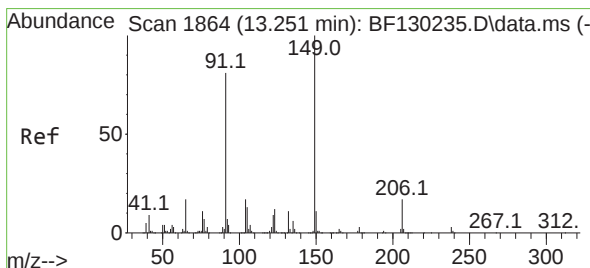
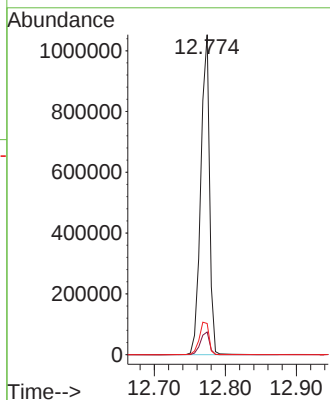
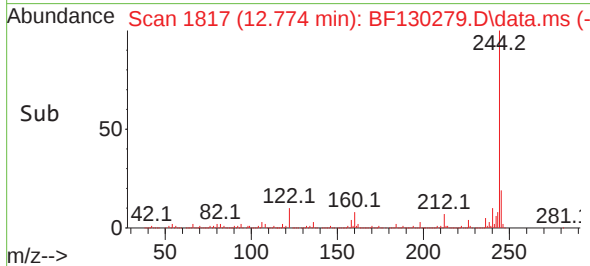
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



Tgt Ion:244 Resp: 888537
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.7 8.5 12.7

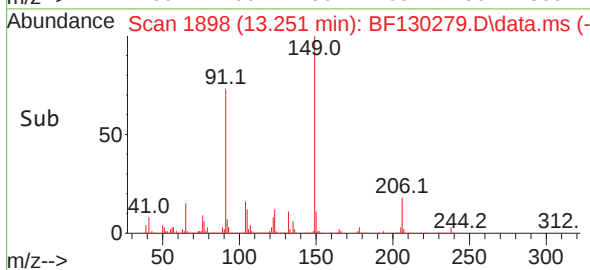
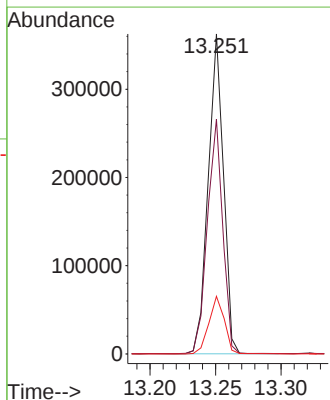
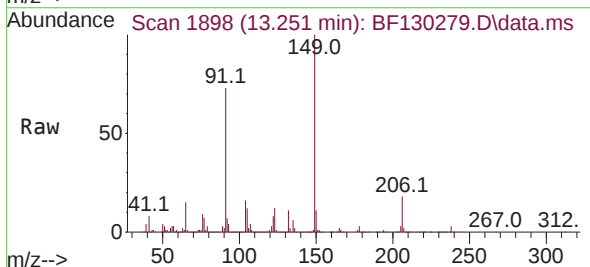
Manual Integrations
 APPROVED

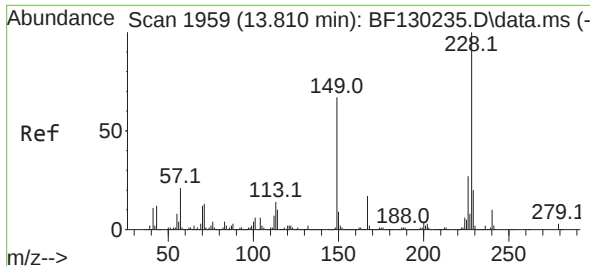
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#80
 Butylbenzylphthalate
 Concen: 54.502 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: BF130279.D
 Acq: 15 Sep 2022 19:24

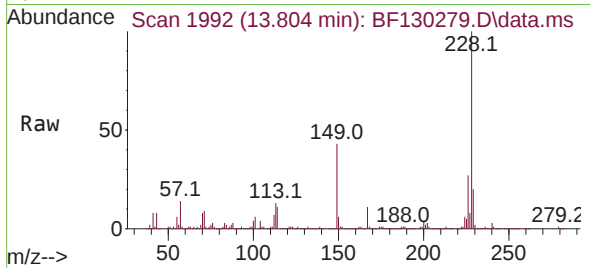
Tgt Ion:149 Resp: 293437
 Ion Ratio Lower Upper
 149 100
 91 73.4 59.8 89.8
 206 18.0 13.9 20.9





#81
Benzo(a)anthracene
Concen: 50.321 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

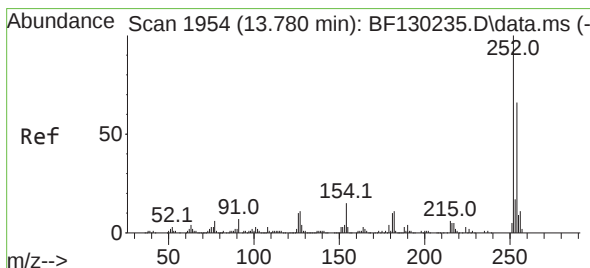
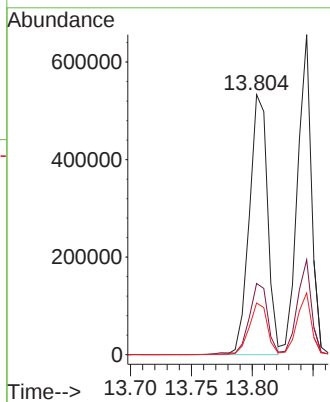
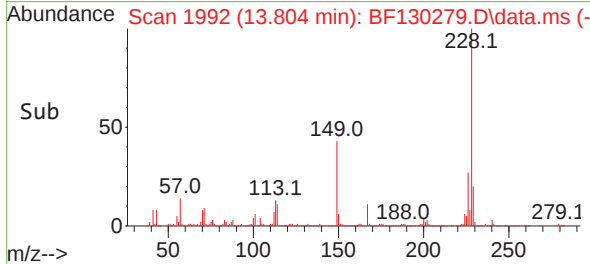
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



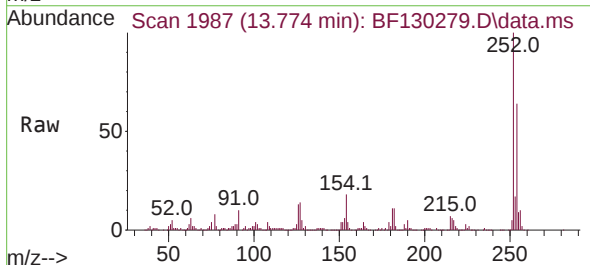
Tgt Ion:228 Resp: 556132
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.9 16.1 24.1

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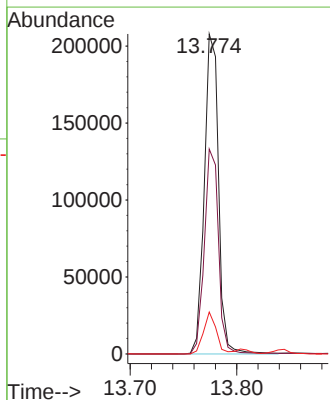
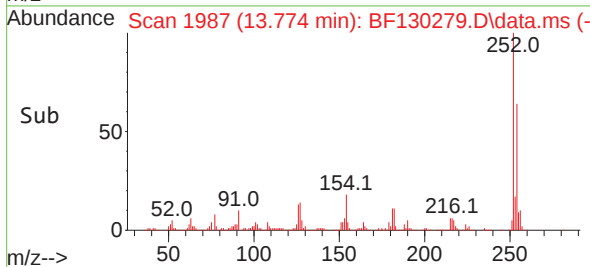
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

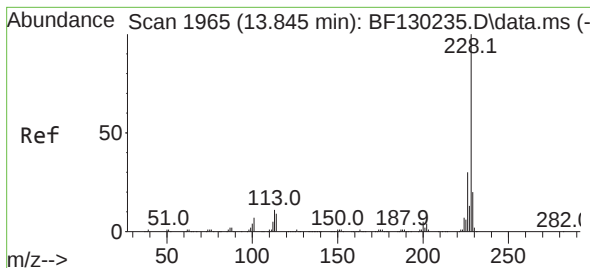


#82
3,3'-Dichlorobenzidine
Concen: 63.843 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24



Tgt Ion:252 Resp: 192066
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 13.1 10.4 15.6





#83

Chrysene

Concen: 49.672 ng

RT: 13.845 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

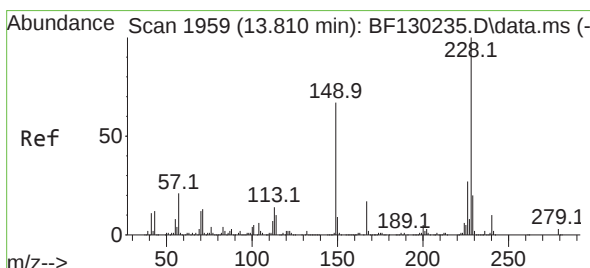
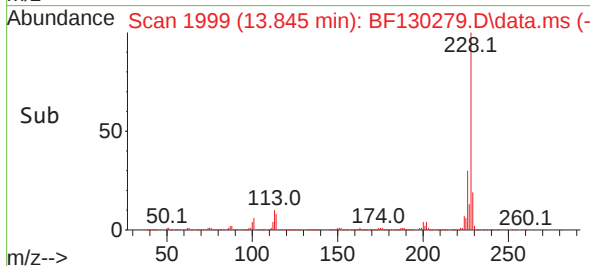
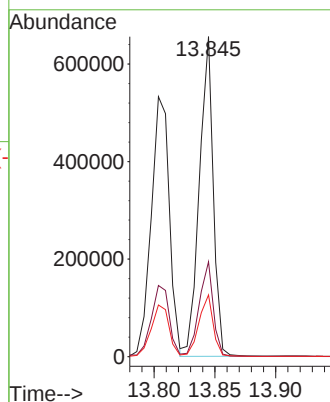
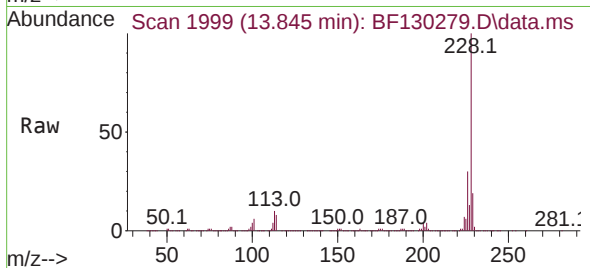
Tgt Ion:	228	Resp:	521246
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.8
229	19.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.073 ng

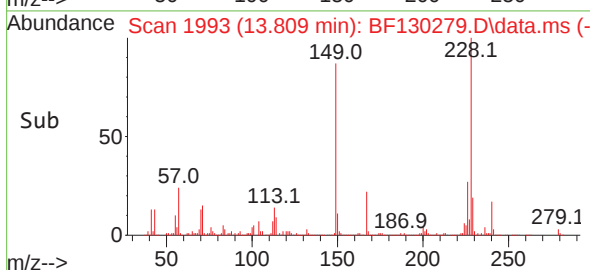
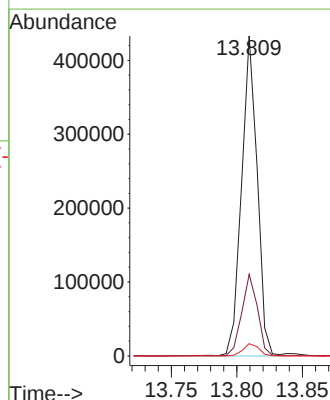
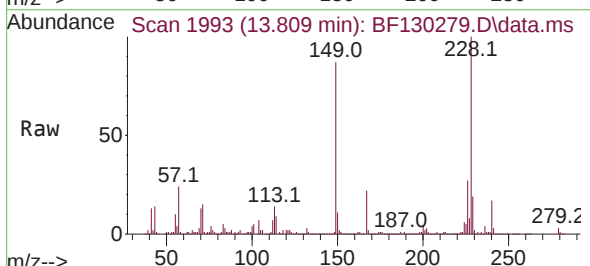
RT: 13.809 min Scan# 1993

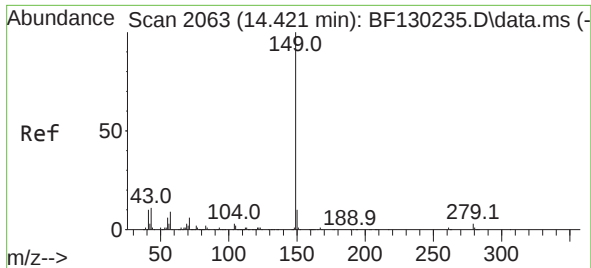
Delta R.T. -0.000 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

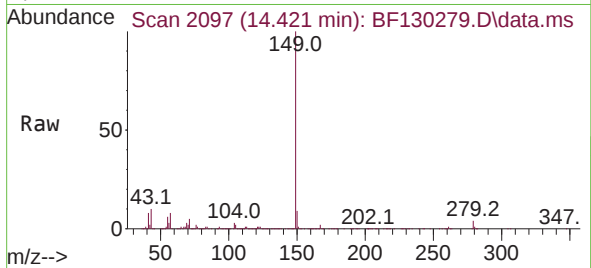
Tgt Ion:	149	Resp:	358135
Ion Ratio	Lower	Upper	
149	100		
167	25.5	20.5	30.7
279	3.8	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 59.831 ng
RT: 14.421 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

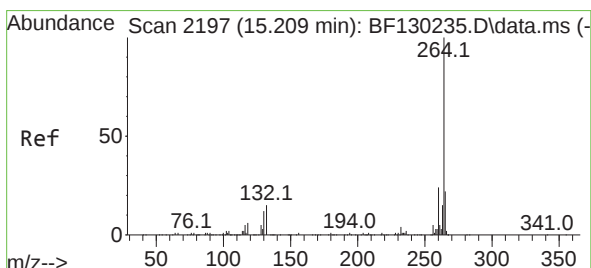
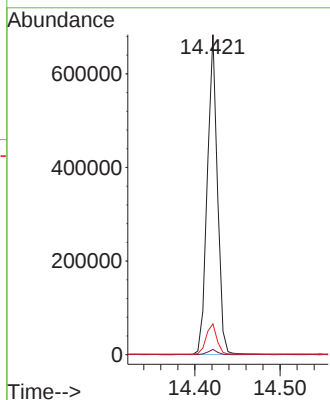
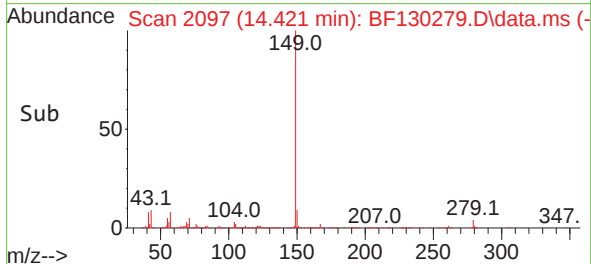
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:149 Resp: 564350
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.7 13.1

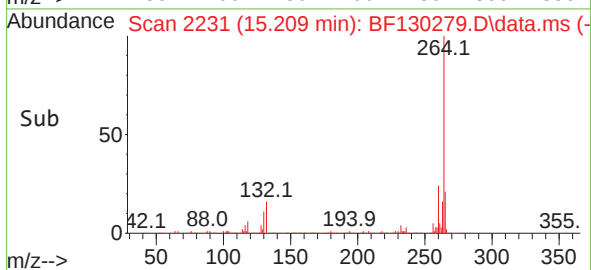
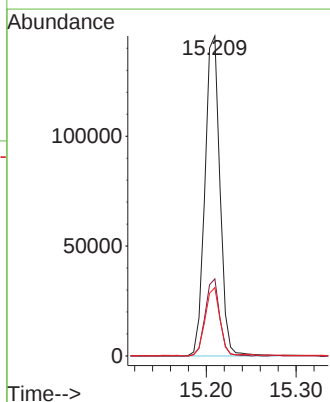
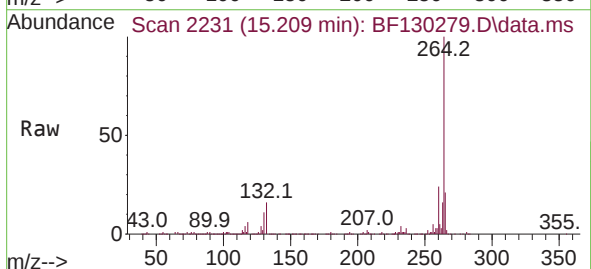
Manual Integrations
APPROVED

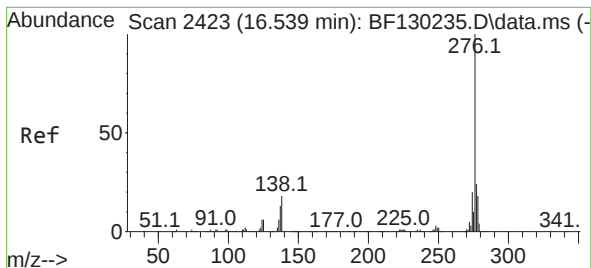
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.209 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:264 Resp: 169241
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.043 ng

RT: 16.545 min Scan# 2423

Delta R.T. 0.006 min

Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion: 276 Resp: 648598

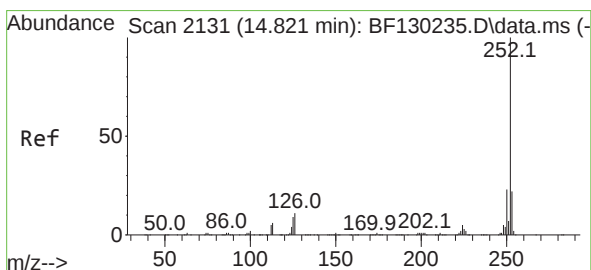
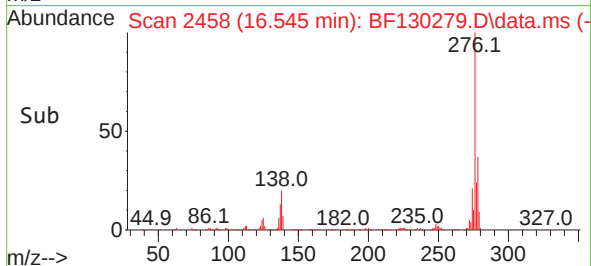
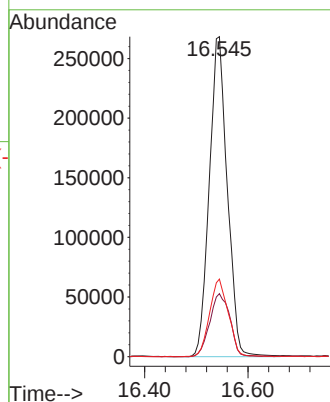
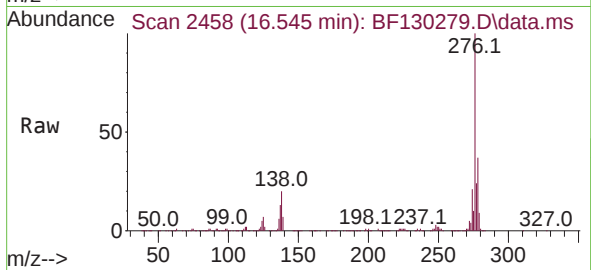
Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.5	27.7
277	25.3	20.2	30.4

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 09/16/2022

Supervised By : Jagrut Upadhyay 09/16/2022



#88

Benzo(b)fluoranthene

Concen: 52.346 ng

RT: 14.815 min Scan# 2164

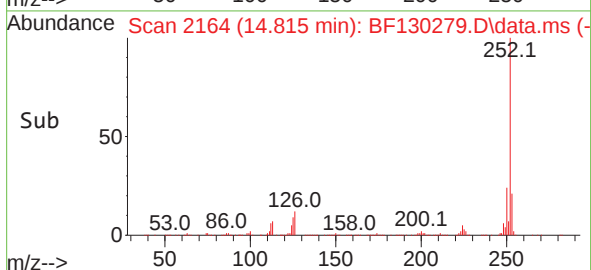
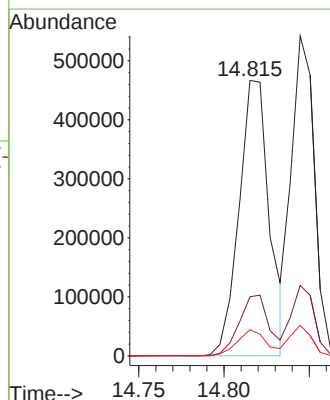
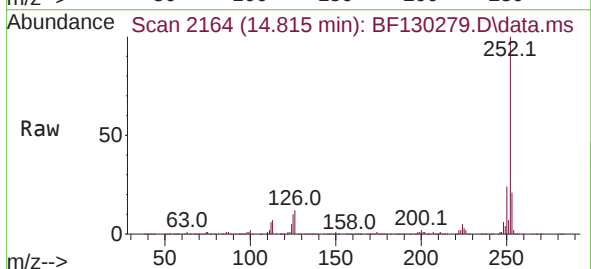
Delta R.T. -0.006 min

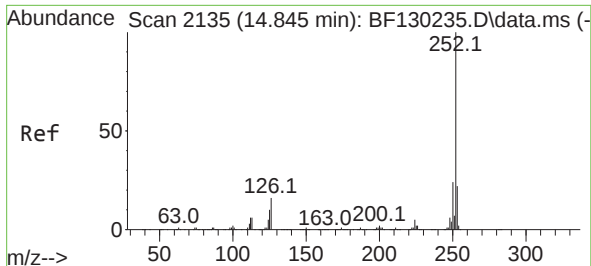
Lab File: BF130279.D

Acq: 15 Sep 2022 19:24

Tgt Ion: 252 Resp: 578227

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	9.5	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 46.887 ng
RT: 14.845 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Instrument :

BNA_F

ClientSampleId :

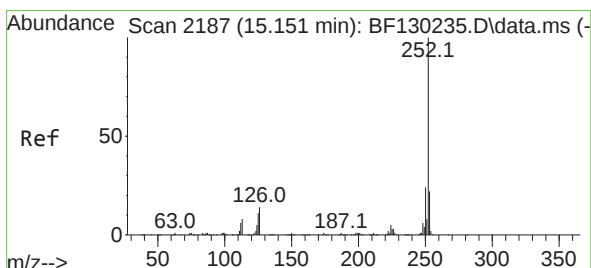
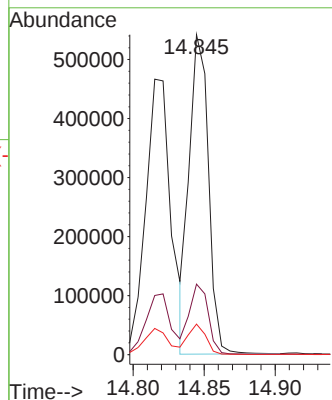
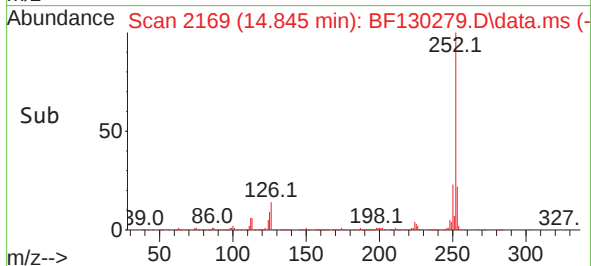
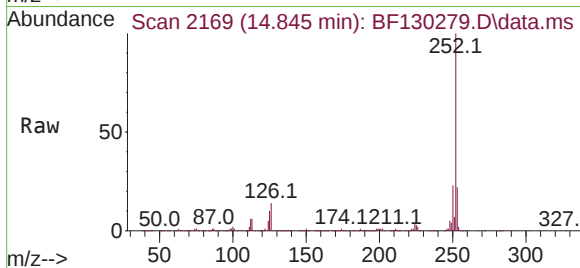
WC-2MSD

Tgt Ion:252 Resp: 509482
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.5 7.9 11.9

Manual Integrations

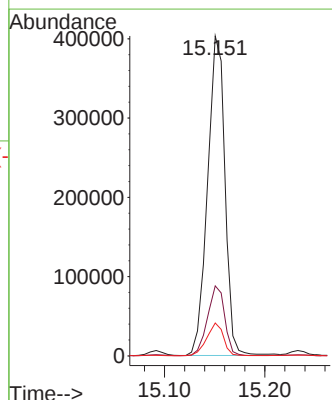
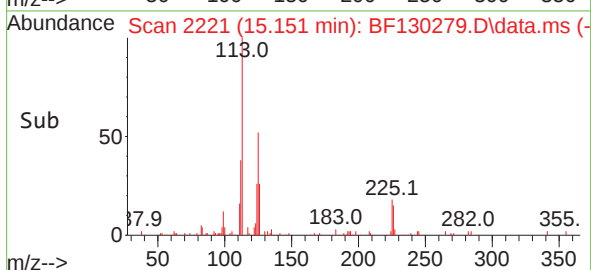
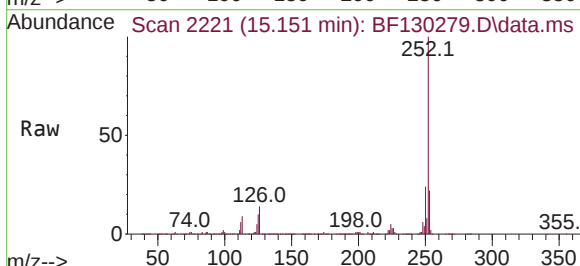
APPROVED

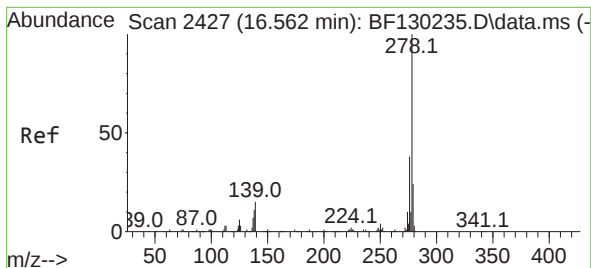
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#90
Benzo(a)pyrene
Concen: 55.553 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

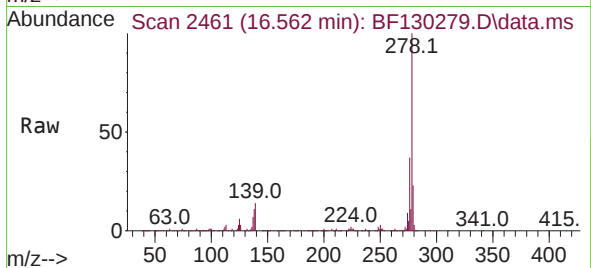
Tgt Ion:252 Resp: 486162
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 56.624 ng
RT: 16.562 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

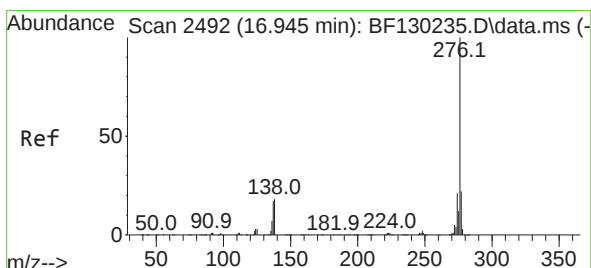
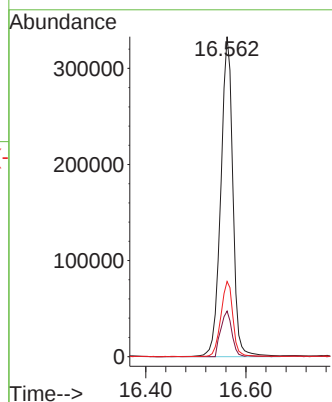
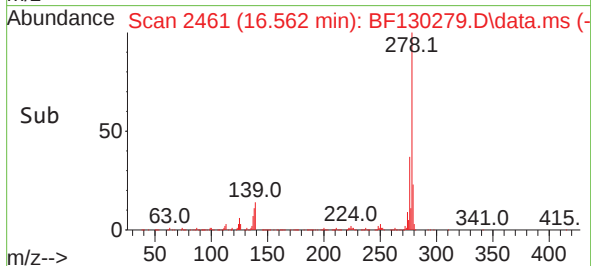
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:278 Resp: 557495
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 23.5 19.4 29.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.638 ng
RT: 16.950 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF130279.D
Acq: 15 Sep 2022 19:24

Tgt Ion:276 Resp: 551810
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 18.9 14.6 21.8

