

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136131.D
 Acq On : 03 Nov 2023 18:39
 Operator : CG\JU
 Sample : 05141-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD

Quant Time: Nov 04 00:11:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	95839	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	346631	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	160658	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	268122	20.000	ng	0.00
76) Chrysene-d12	14.010	240	211095	20.000	ng	0.00
86) Perylene-d12	15.498	264	271987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	537460	88.124	ng	0.00
7) Phenol-d6	6.457	99	638348	84.005	ng	0.00
23) Nitrobenzene-d5	7.386	82	396466	68.949	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	160426	93.552	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	725412	71.978	ng	0.00
79) Terphenyl-d14	12.945	244	733383	53.990	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	111196	41.870	ng	98
3) Pyridine	3.393	79	257971	35.588	ng	97
4) n-Nitrosodimethylamine	3.363	42	140935	46.501	ng	# 87
6) Aniline	6.487	93	339725	34.531	ng	98
8) 2-Chlorophenol	6.604	128	297641	45.647	ng	99
9) Benzaldehyde	6.369	77	78853	18.610	ng	97
10) Phenol	6.469	94	348836	44.383	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	277103	45.035	ng	100
12) 1,3-Dichlorobenzene	6.763	146	326562	48.120	ng	99
13) 1,4-Dichlorobenzene	6.839	146	330806	48.640	ng	98
14) 1,2-Dichlorobenzene	6.987	146	310586	48.839	ng	96
15) Benzyl Alcohol	6.963	79	241829	44.883	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	374234	44.188	ng	99
17) 2-Methylphenol	7.075	107	217526	39.325	ng	96
18) Hexachloroethane	7.334	117	121345	50.763	ng	92
19) n-Nitroso-di-n-propyla...	7.239	70	188665	43.453	ng	98
20) 3+4-Methylphenols	7.228	107	269975	40.025	ng	96
22) Acetophenone	7.234	105	386461	50.279	ng	97
24) Nitrobenzene	7.404	77	287086	49.358	ng	97
25) Isophorone	7.639	82	507843	46.782	ng	99
26) 2-Nitrophenol	7.716	139	147337	55.521	ng	# 88
27) 2,4-Dimethylphenol	7.757	122	206709	41.221	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	312534	46.988	ng	99
29) 2,4-Dichlorophenol	7.957	162	224733	47.538	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	266398	51.657	ng	98
31) Naphthalene	8.122	128	815962	48.815	ng	99
32) Benzoic acid	7.869	122	160302	40.767	ng	99
33) 4-Chloroaniline	8.169	127	224057	30.608	ng	99
34) Hexachlorobutadiene	8.239	225	161729	54.684	ng	99
35) Caprolactam	8.545	113	51603	33.570	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	227222	45.782	ng	95
37) 2-Methylnaphthalene	8.816	142	504711	45.032	ng	99
38) 1-Methylnaphthalene	8.916	142	490727	47.049	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	244658	53.397	ng	98
41) Hexachlorocyclopentadiene	8.969	237	262857	107.384	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	149534	50.055	ng	99

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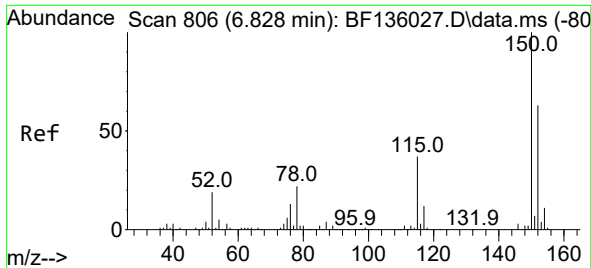
Quant Time: Nov 04 00:11:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	162858	47.061	ng	97
46) 1,1'-Biphenyl	9.281	154	641222	52.357	ng	99
47) 2-Chloronaphthalene	9.304	162	475300	52.644	ng	98
48) 2-Nitroaniline	9.398	65	134930	50.498	ng	95
49) Acenaphthylene	9.722	152	723087	51.338	ng	99
50) Dimethylphthalate	9.586	163	522138	49.271	ng	100
51) 2,6-Dinitrotoluene	9.645	165	116131	51.237	ng	99
52) Acenaphthene	9.892	154	443602	49.543	ng	99
53) 3-Nitroaniline	9.810	138	97618	36.912	ng	90
54) 2,4-Dinitrophenol	9.922	184	105019	84.945	ng	96
55) Dibenzofuran	10.069	168	642367	49.200	ng	98
56) 4-Nitrophenol	9.975	139	178588	90.277	ng	83
57) 2,4-Dinitrotoluene	10.051	165	144870	50.518	ng	91
58) Fluorene	10.410	166	481149	49.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	129599	47.106	ng	98
60) Diethylphthalate	10.286	149	500187	49.399	ng	98
61) 4-Chlorophenyl-phenylether	10.404	204	237089	48.587	ng	94
62) 4-Nitroaniline	10.427	138	108657	42.668	ng	94
63) Azobenzene	10.563	77	458332	47.002	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	70511	47.878	ng	98
66) n-Nitrosodiphenylamine	10.522	169	420004	51.928	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	148540	52.841	ng	96
68) Hexachlorobenzene	10.957	284	165316	55.064	ng	95
69) Atrazine	11.057	200	139813	63.533	ng	95
70) Pentachlorophenol	11.151	266	178324	92.486	ng	97
71) Phenanthrene	11.374	178	699298	51.800	ng	99
72) Anthracene	11.427	178	693913	50.162	ng	99
73) Carbazole	11.586	167	586504	48.790	ng	100
74) Di-n-butylphthalate	11.922	149	733163	53.375	ng	99
75) Fluoranthene	12.569	202	721530	52.026	ng	98
77) Benzidine	12.698	184	367107	89.225	ng	99
78) Pyrene	12.798	202	728830	39.161	ng	99
80) Butylbenzylphthalate	13.433	149	312171	46.859	ng	97
81) Benzo(a)anthracene	13.998	228	694889	49.723	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	236674	53.061	ng	98
83) Chrysene	14.033	228	673118	48.908	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	423298	54.538	ng #	97
85) Di-n-octyl phthalate	14.621	149	828066	71.218	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	856077	48.159	ng	97
88) Benzo(b)fluoranthene	15.062	252	785447	48.804	ng	99
89) Benzo(k)fluoranthene	15.092	252	725872	45.583	ng	99
90) Benzo(a)pyrene	15.439	252	707415	47.307	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	709973	48.759	ng	97
92) Benzo(g,h,i)perylene	17.474	276	653630	39.945	ng	98

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

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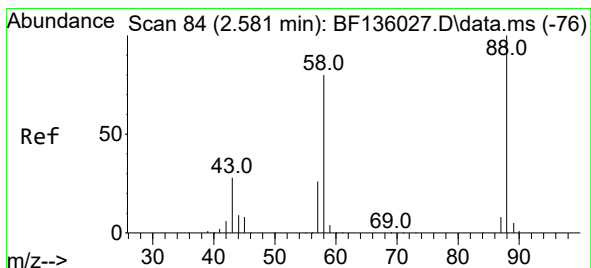
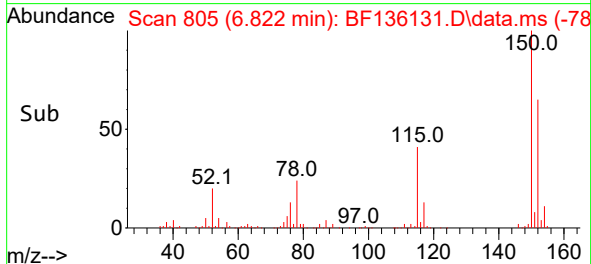
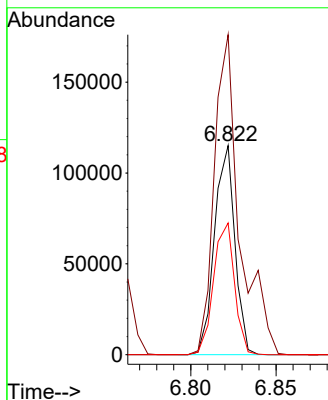
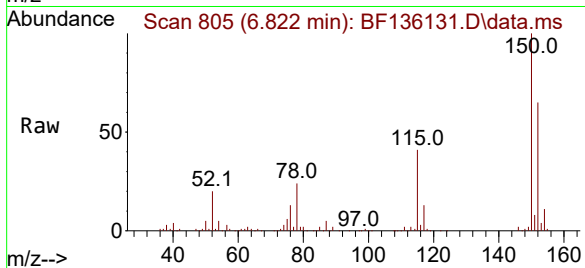




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

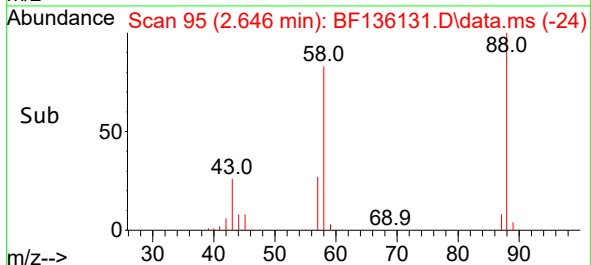
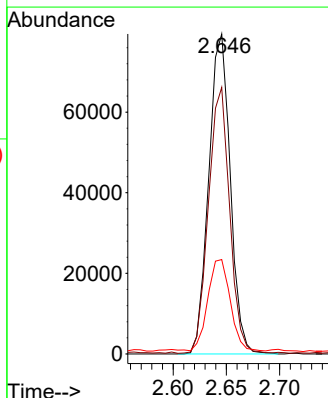
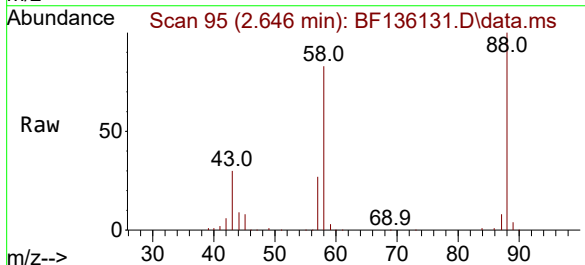
Instrument :
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PE-5MSD

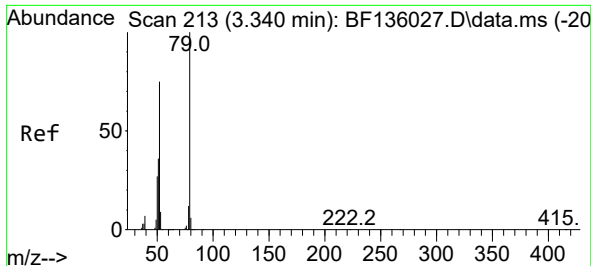
Tgt Ion:152 Resp: 95839
Ion Ratio Lower Upper
152 100
150 153.0 126.4 189.6
115 62.9 47.0 70.4



#2
1,4-Dioxane
Concen: 41.870 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.065 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion: 88 Resp: 111196
Ion Ratio Lower Upper
88 100
58 82.0 64.3 96.5
43 29.7 22.3 33.5

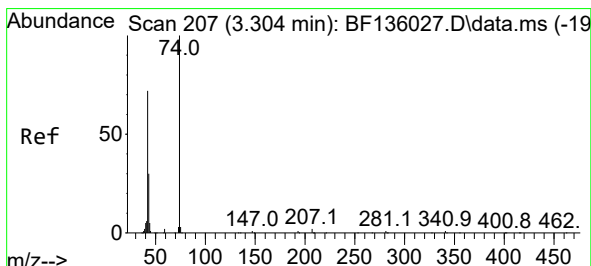
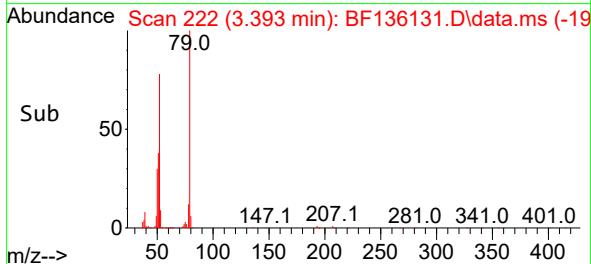
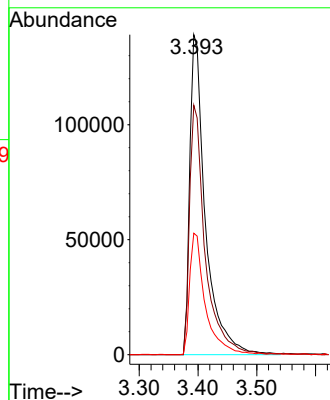
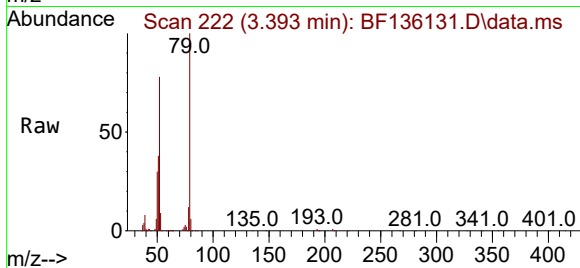




#3
 Pyridine
 Concen: 35.588 ng
 RT: 3.393 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

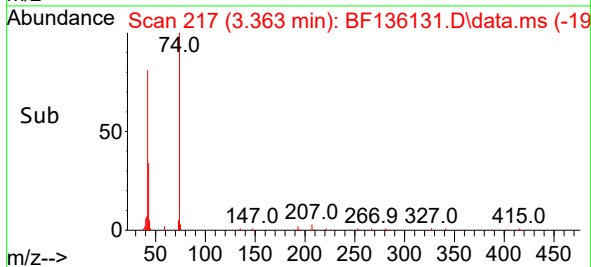
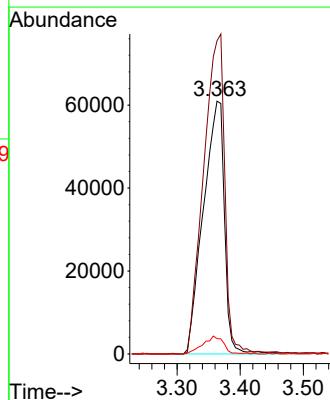
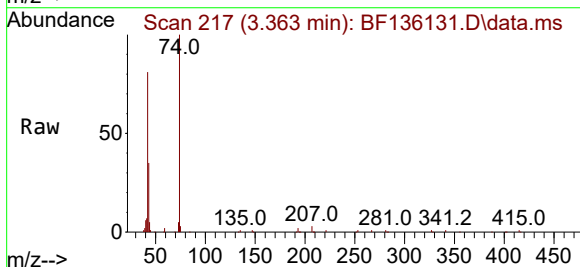
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD

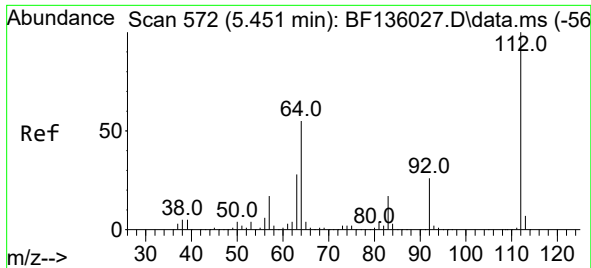
Tgt Ion: 79 Resp: 257971
 Ion Ratio Lower Upper
 79 100
 52 77.9 60.3 90.5
 51 37.9 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 46.501 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.059 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

Tgt Ion: 42 Resp: 140935
 Ion Ratio Lower Upper
 42 100
 74 123.8 111.8 167.6
 44 6.1 6.2 9.4#

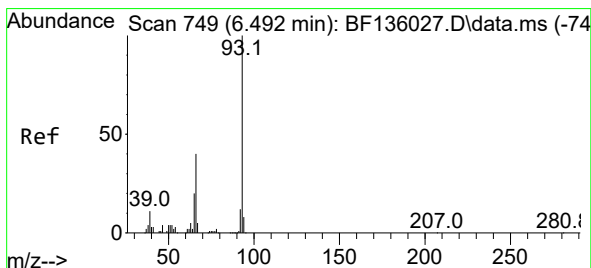
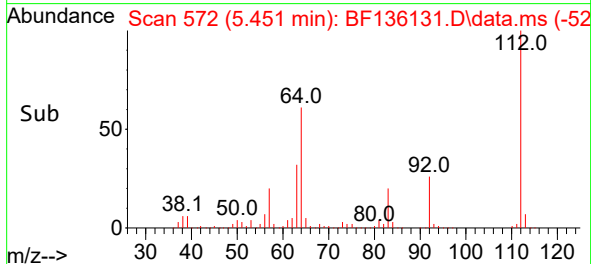
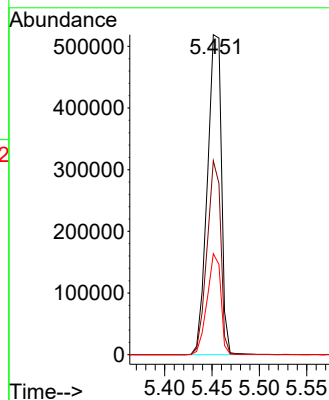
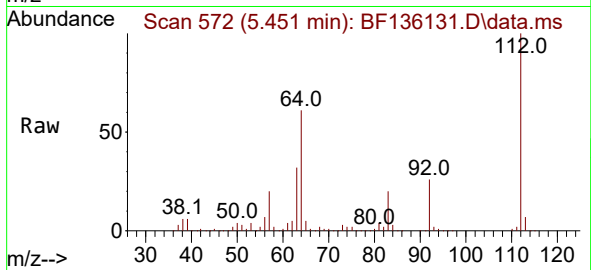




#5
2-Fluorophenol
Concen: 88.124 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

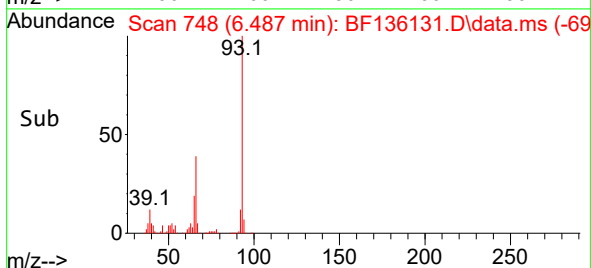
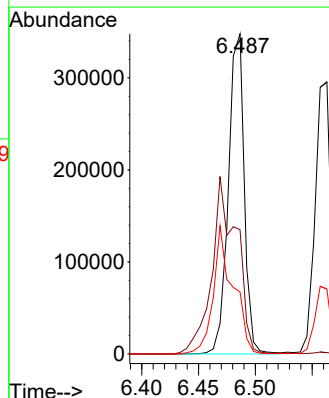
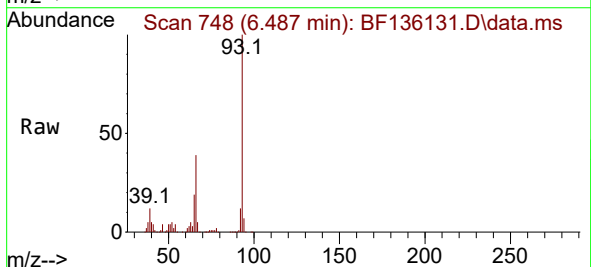
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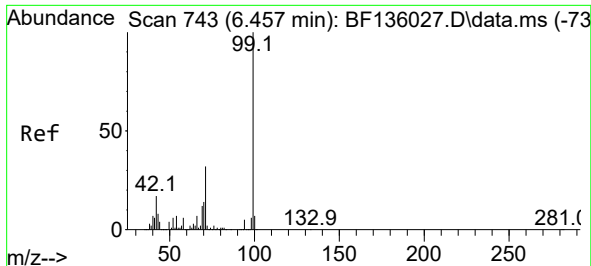
Tgt Ion:112 Resp: 537460
Ion Ratio Lower Upper
112 100
64 60.6 43.9 65.9
63 31.5 22.4 33.6



#6
Aniline
Concen: 34.531 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion: 93 Resp: 339725
Ion Ratio Lower Upper
93 100
66 38.9 32.4 48.6
65 19.3 16.2 24.2

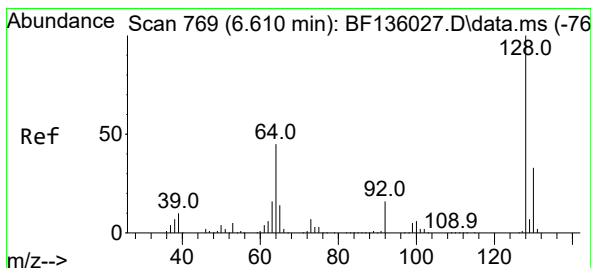
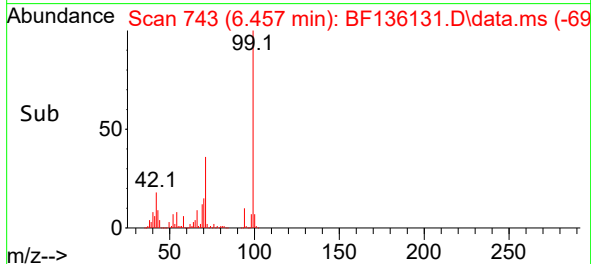
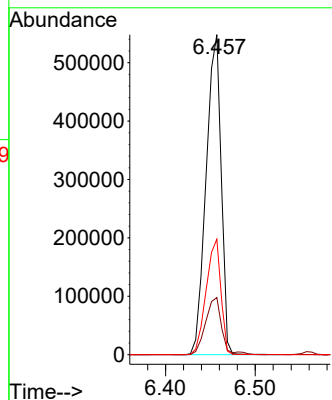
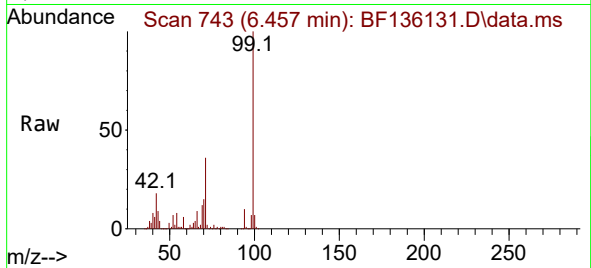




#7
Phenol-d6
Concen: 84.005 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

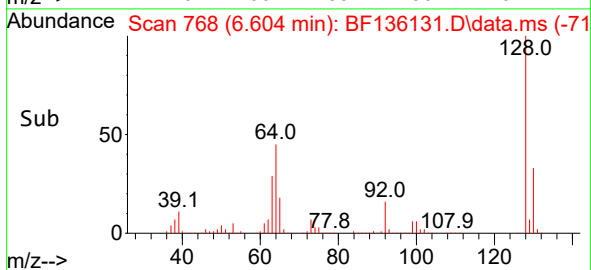
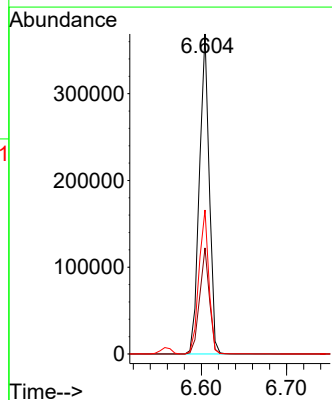
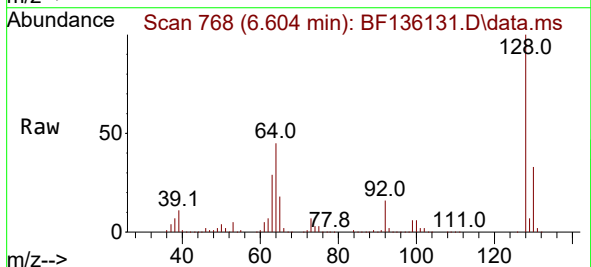
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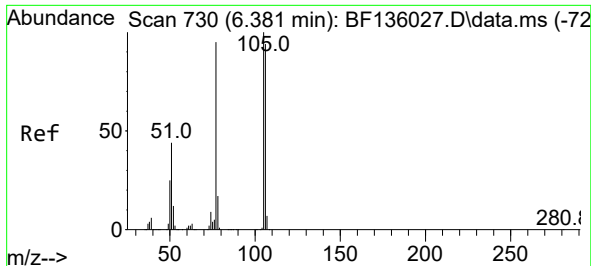
Tgt Ion: 99 Resp: 638348
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 36.1 25.9 38.9



#8
2-Chlorophenol
Concen: 45.647 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:128 Resp: 297641
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 45.0 25.8 65.8





#9

Benzaldehyde

Concen: 18.610 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

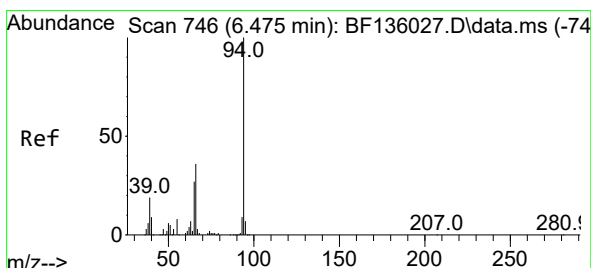
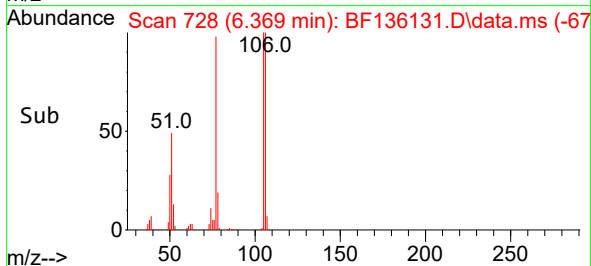
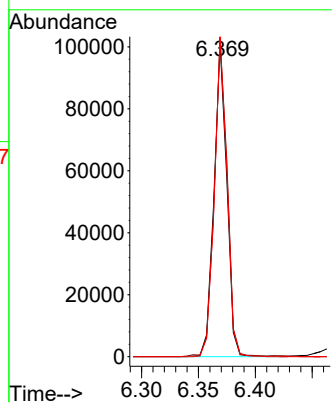
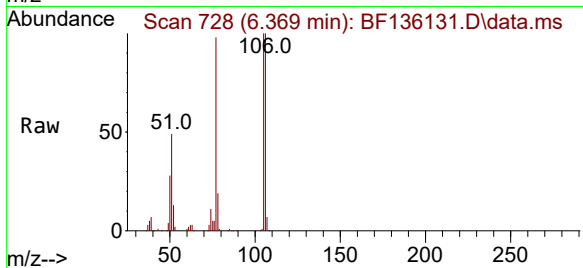
Tgt Ion: 77 Resp: 78853

Ion Ratio Lower Upper

77 100

105 101.6 85.7 125.7

106 102.0 79.8 119.8



#10

Phenol

Concen: 44.383 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

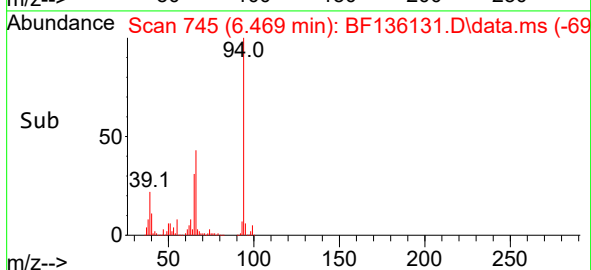
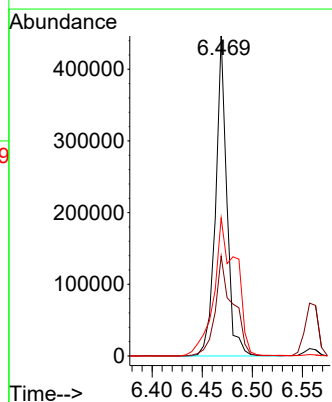
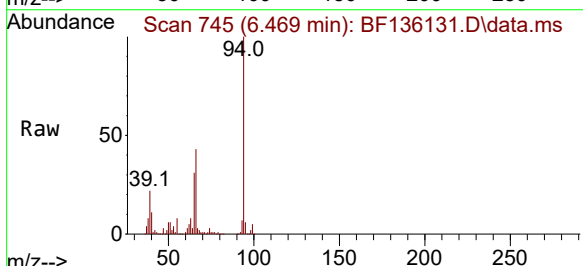
Tgt Ion: 94 Resp: 348836

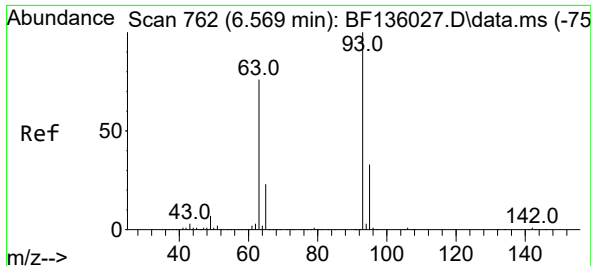
Ion Ratio Lower Upper

94 100

65 31.2 7.5 47.5

66 43.2 17.1 57.1

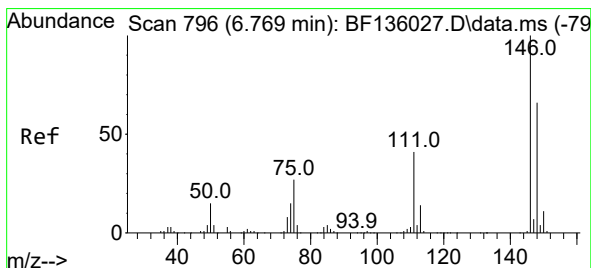
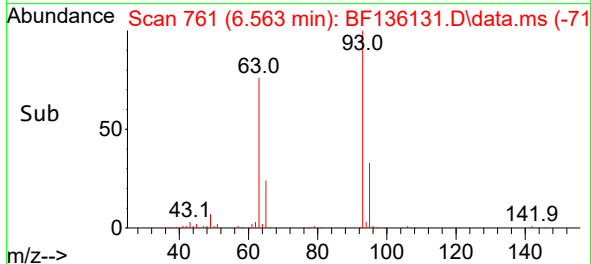
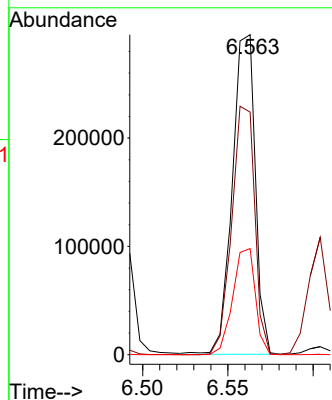
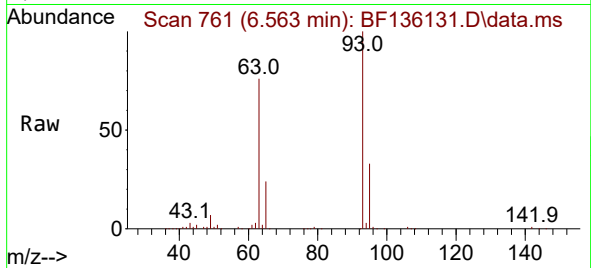




#11
bis(2-Chloroethyl)ether
Concen: 45.035 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

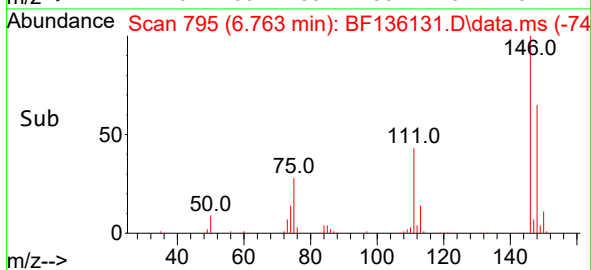
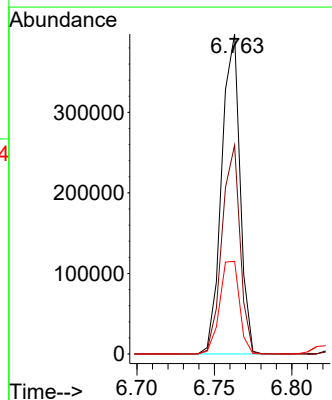
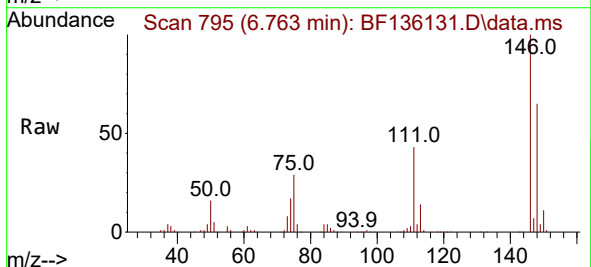
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

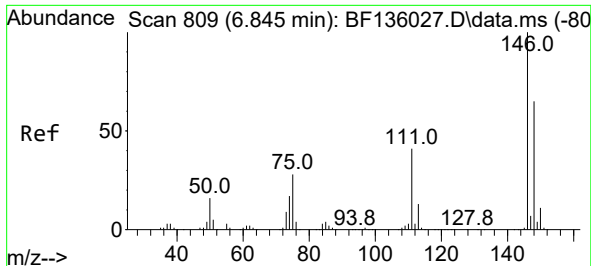
Tgt Ion: 93 Resp: 277103
Ion Ratio Lower Upper
93 100
63 75.8 55.8 95.8
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.120 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:146 Resp: 326562
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 28.9 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.640 ng

RT: 6.839 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

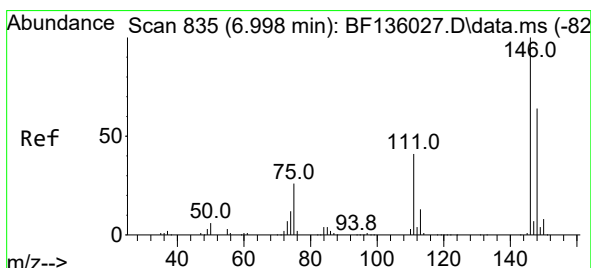
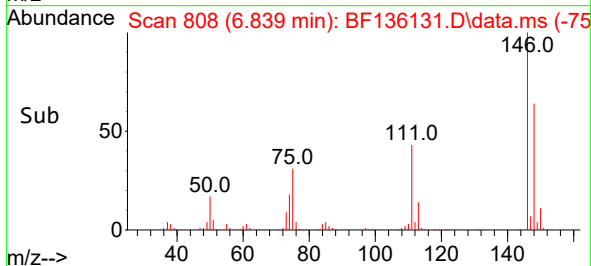
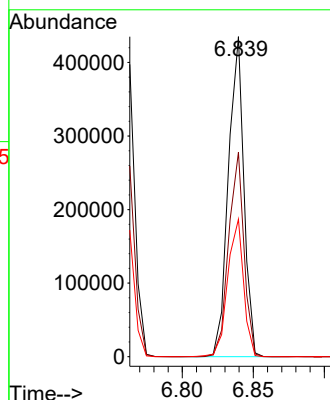
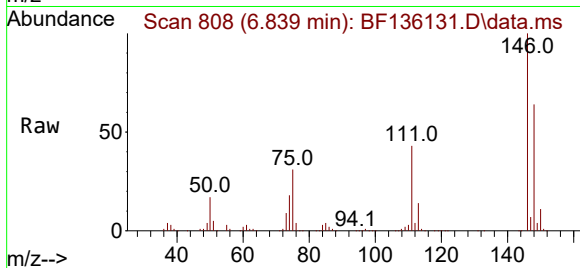
Tgt Ion:146 Resp: 330806

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

111 43.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 48.839 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

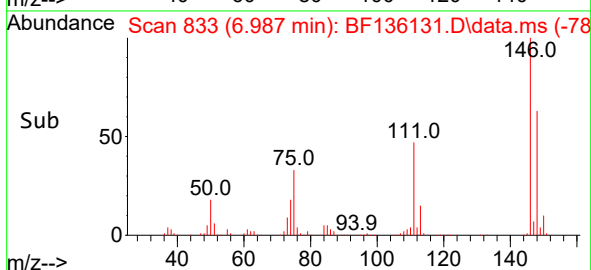
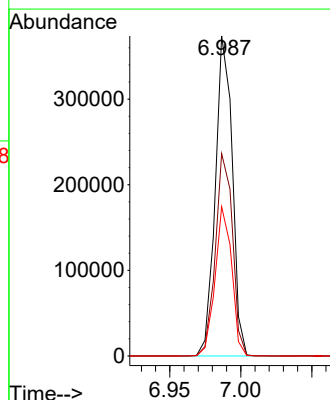
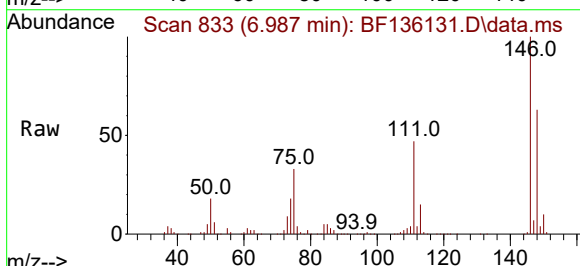
Tgt Ion:146 Resp: 310586

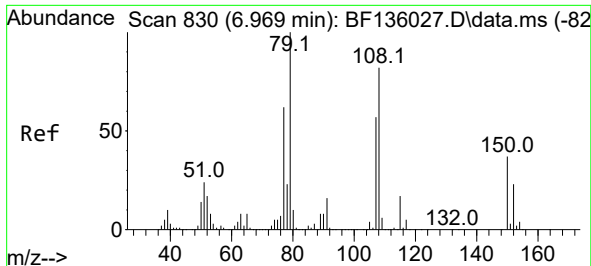
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

111 46.7 33.0 49.4

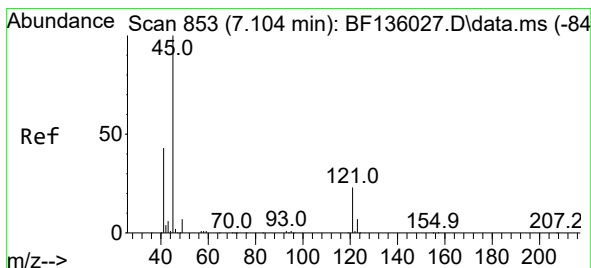
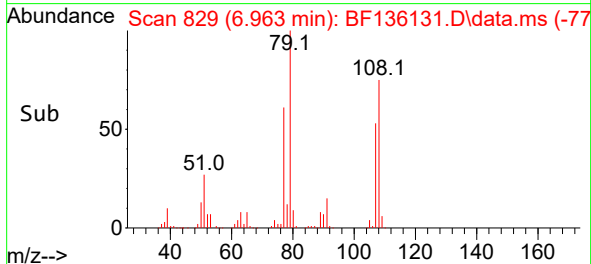
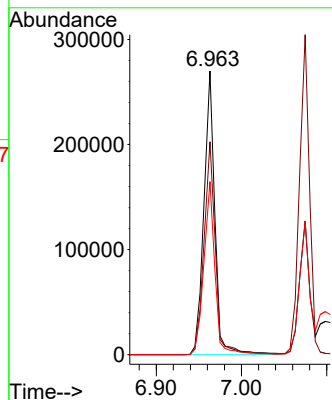
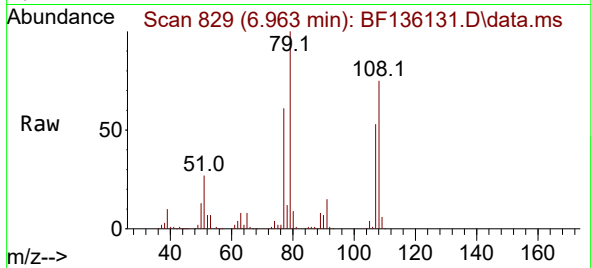




#15
Benzyl Alcohol
Concen: 44.883 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

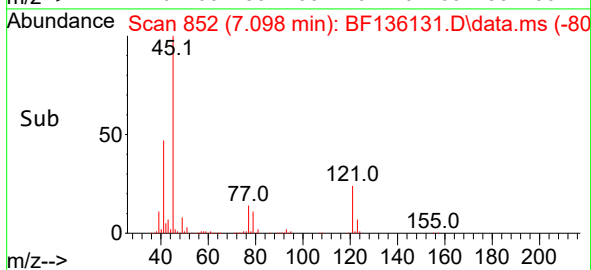
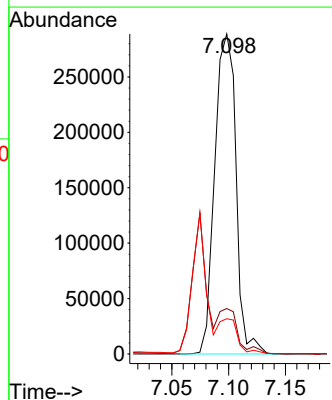
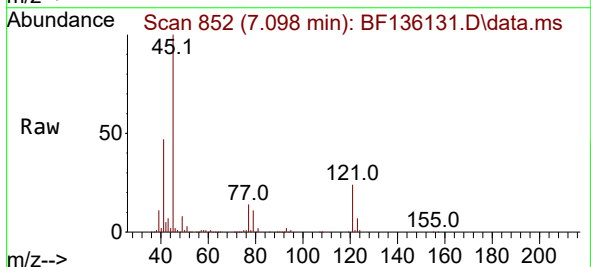
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

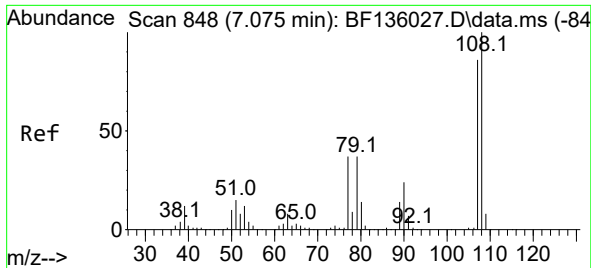
Tgt Ion: 79 Resp: 241829
Ion Ratio Lower Upper
79 100
108 75.1 65.9 98.9
77 61.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.188 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion: 45 Resp: 374234
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.6
79 11.0 0.0 30.6



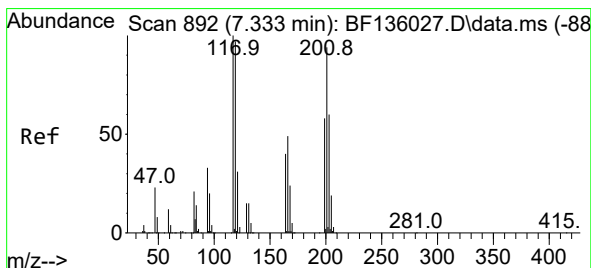
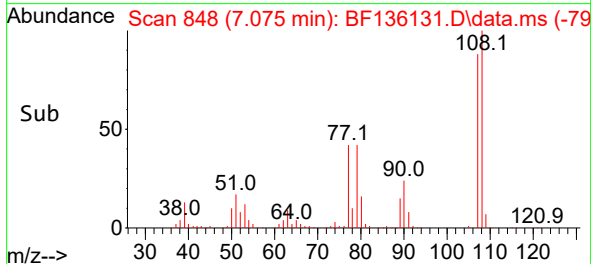
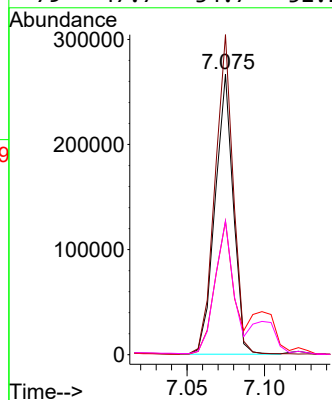
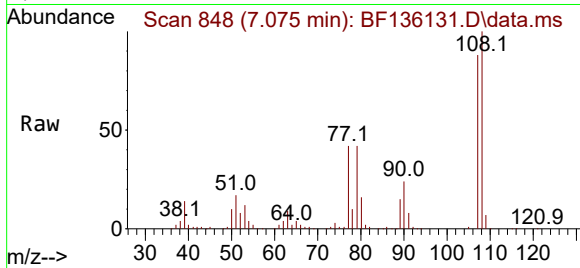


#17
2-Methylphenol
Concen: 39.325 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion:107 Resp: 217526

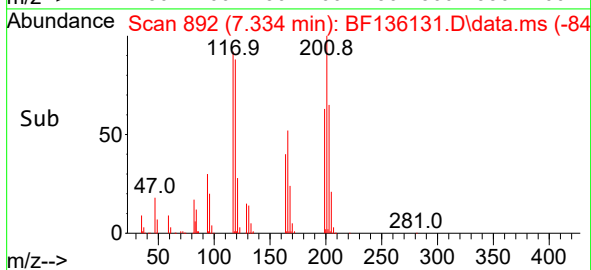
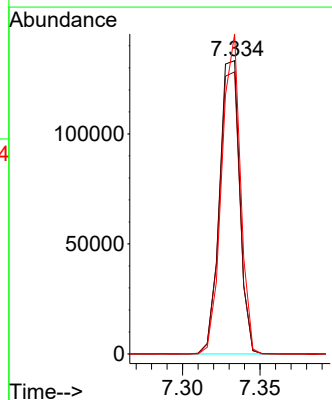
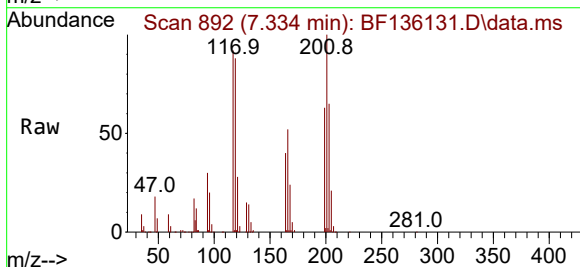
Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.2
77	47.5	34.4	51.6
79	47.7	34.7	52.1

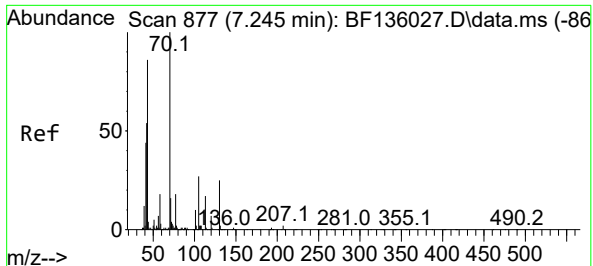


#18
Hexachloroethane
Concen: 50.763 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:117 Resp: 121345

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	109.1	75.0	112.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.453 ng

RT: 7.239 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion: 70 Resp: 188665

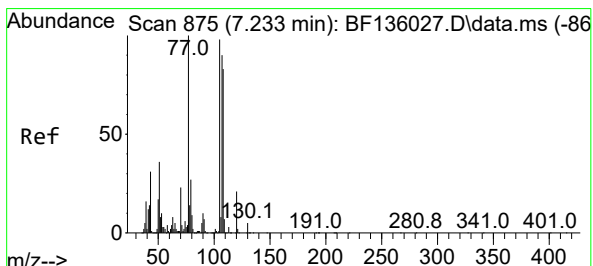
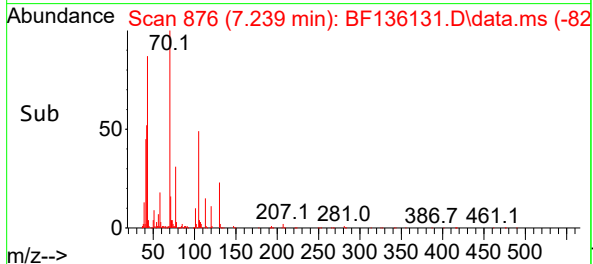
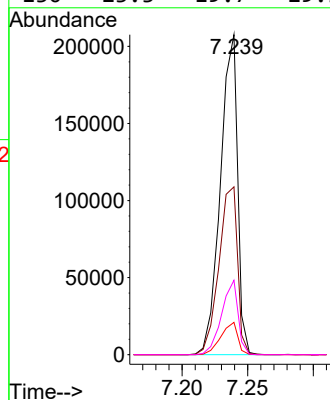
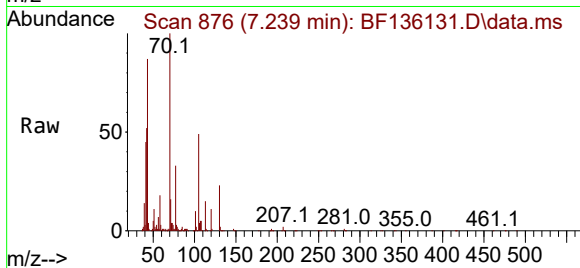
Ion Ratio Lower Upper

70 100

42 52.4 43.0 64.4

101 10.1 8.0 12.0

130 23.3 19.7 29.5



#20

3+4-Methylphenols

Concen: 40.025 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion:107 Resp: 269975

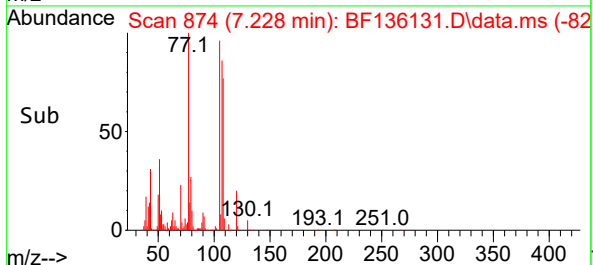
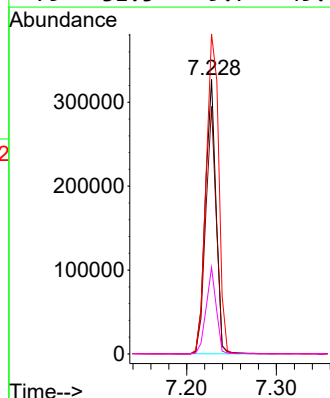
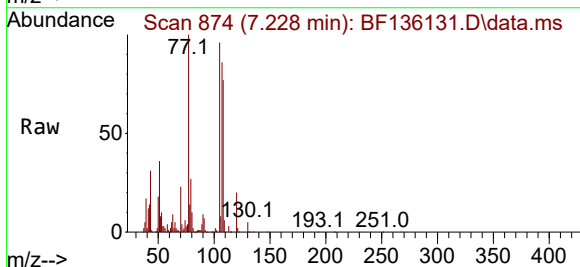
Ion Ratio Lower Upper

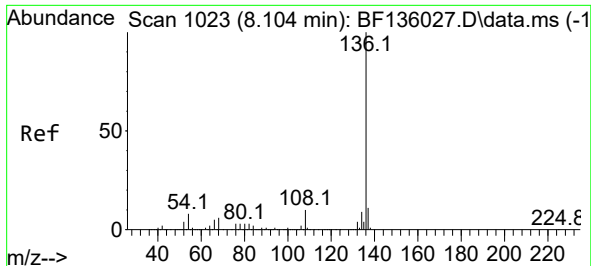
107 100

108 90.1 72.3 112.3

77 116.6 91.4 131.4

79 31.5 9.7 49.7

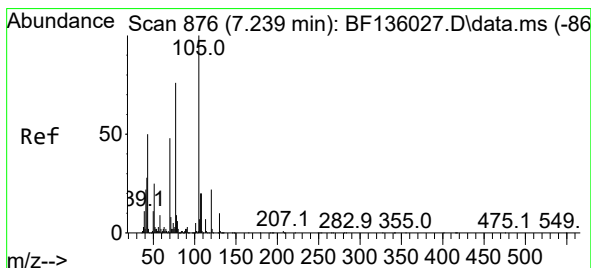
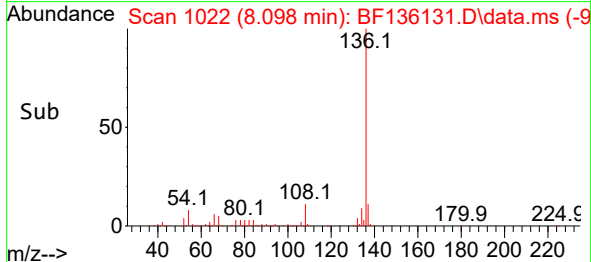
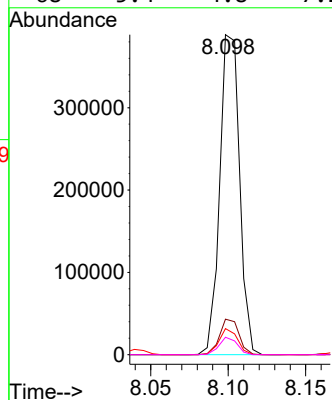
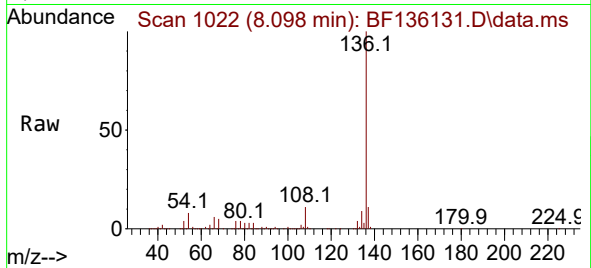




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

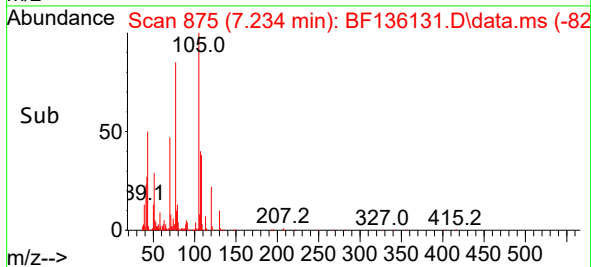
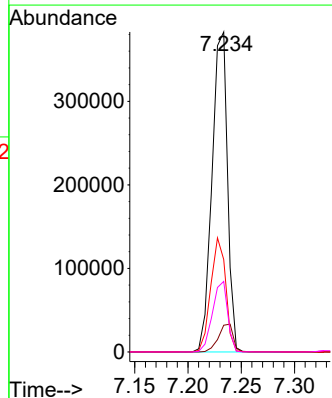
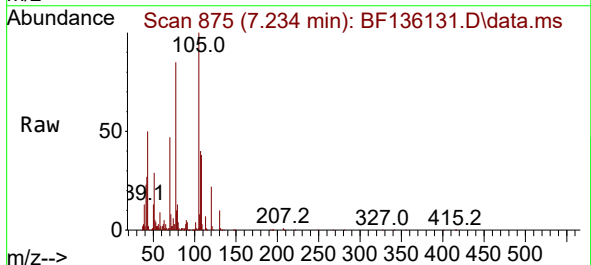
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

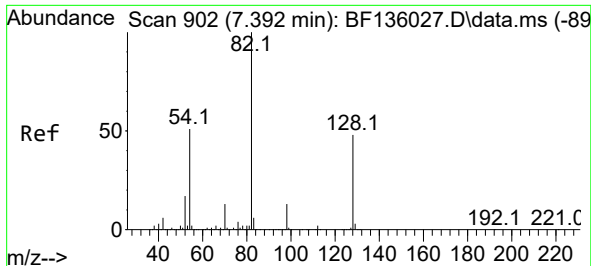
Tgt Ion:136 Resp: 346631
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 6.6 9.8
68 5.4 4.8 7.2



#22
Acetophenone
Concen: 50.279 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:105 Resp: 386461
Ion Ratio Lower Upper
105 100
71 8.3 6.5 9.7
51 28.9 20.3 30.5
120 22.0 17.8 26.8





#23

Nitrobenzene-d5

Concen: 68.949 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

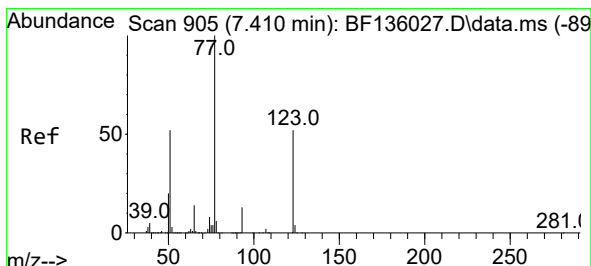
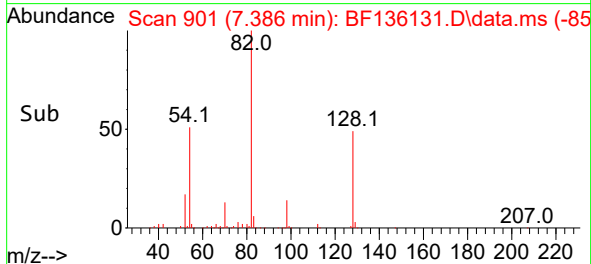
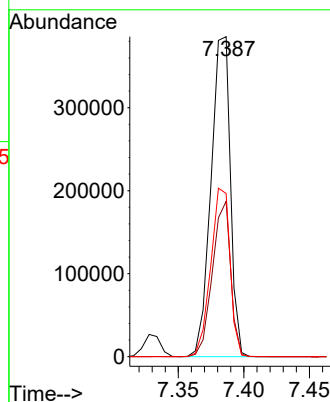
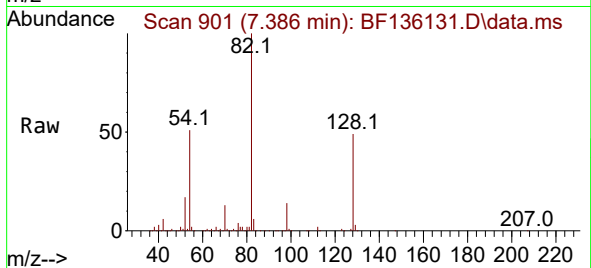
Tgt Ion: 82 Resp: 396466

Ion Ratio Lower Upper

82 100

128 48.5 38.6 57.8

54 51.0 40.8 61.2



#24

Nitrobenzene

Concen: 49.358 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

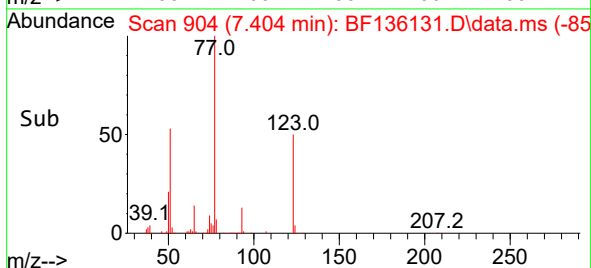
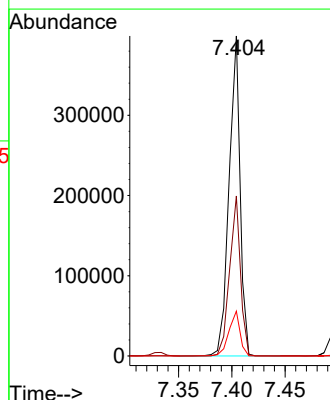
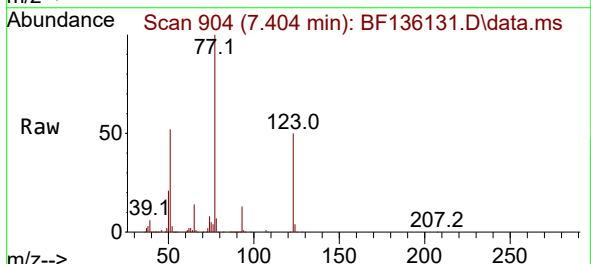
Tgt Ion: 77 Resp: 287086

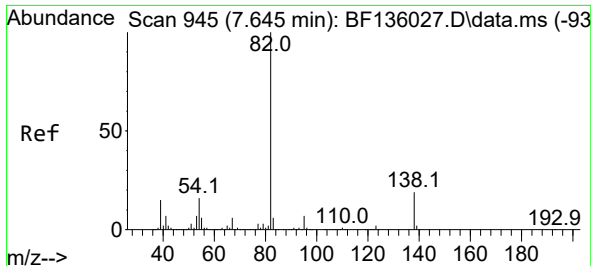
Ion Ratio Lower Upper

77 100

123 50.0 42.3 63.5

65 14.0 11.0 16.6

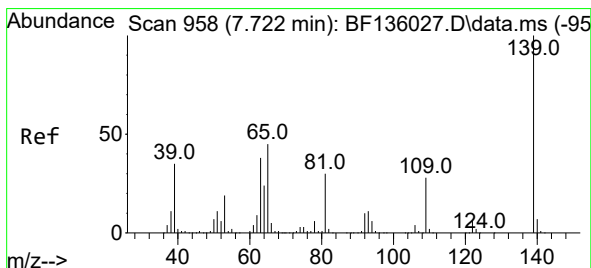
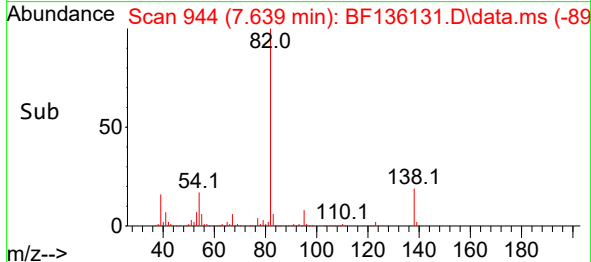
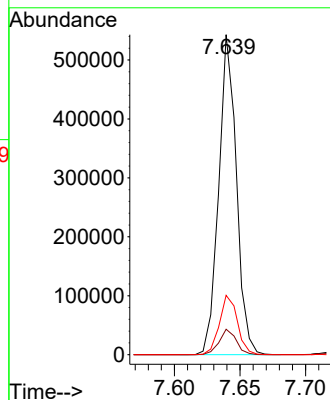
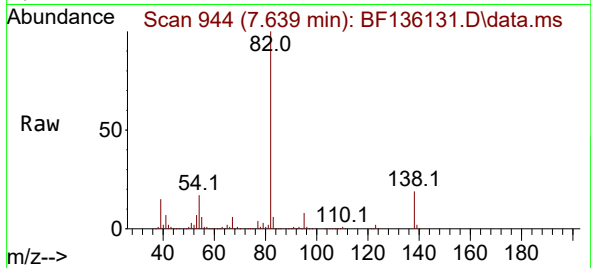




#25
Isophorone
Concen: 46.782 ng
RT: 7.639 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

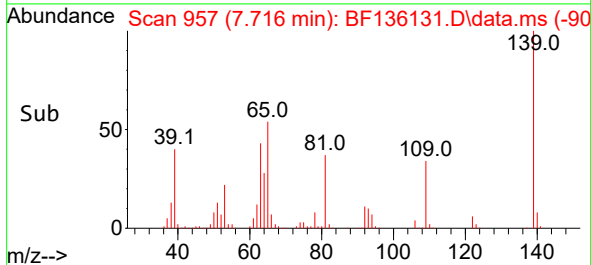
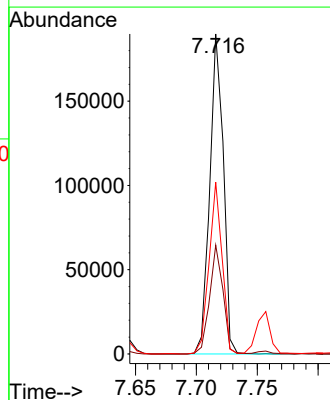
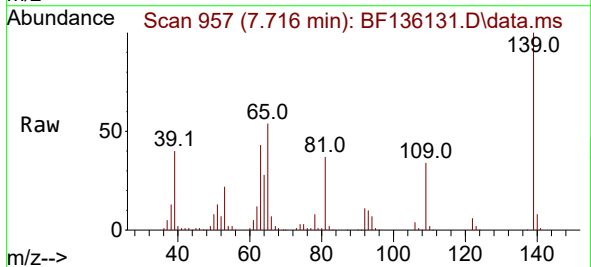
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

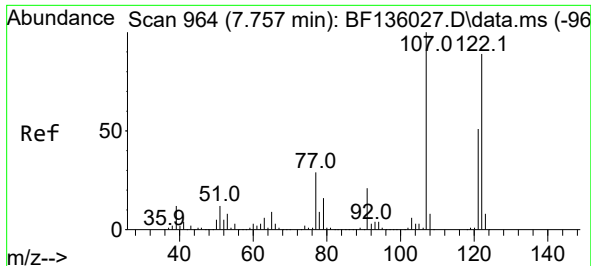
Tgt Ion: 82 Resp: 507843
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 18.5 15.3 22.9



#26
2-Nitrophenol
Concen: 55.521 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:139 Resp: 147337
Ion Ratio Lower Upper
139 100
109 34.0 22.6 34.0#
65 53.7 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 41.221 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

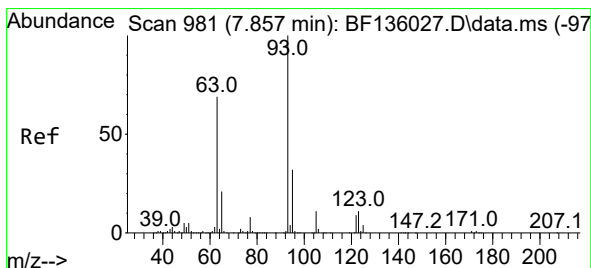
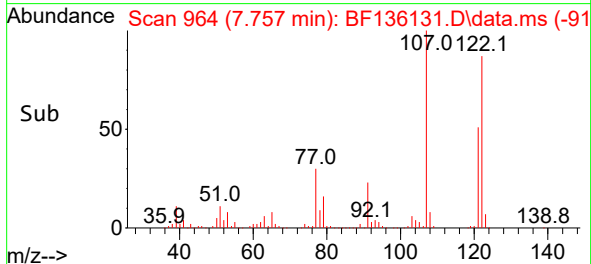
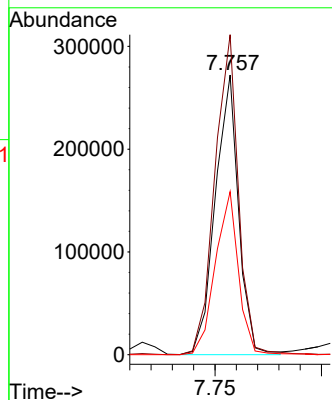
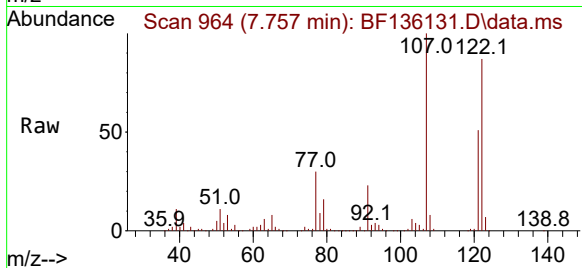
Tgt Ion:122 Resp: 206709

Ion Ratio Lower Upper

122 100

107 114.4 89.6 134.4

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.988 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

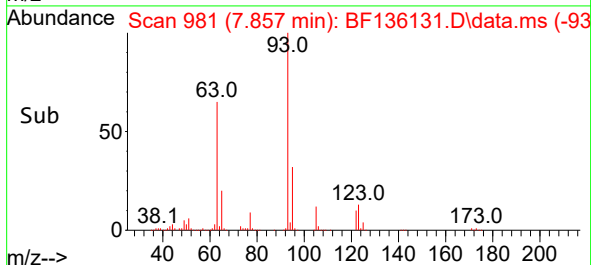
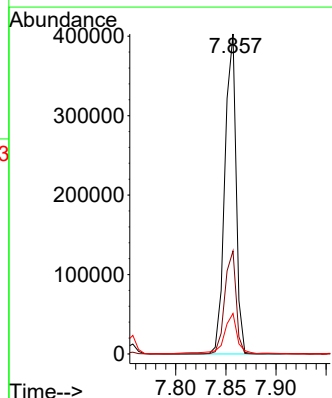
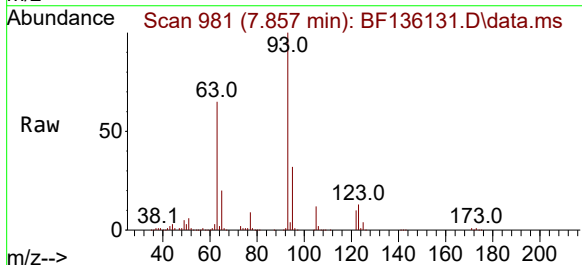
Tgt Ion: 93 Resp: 312534

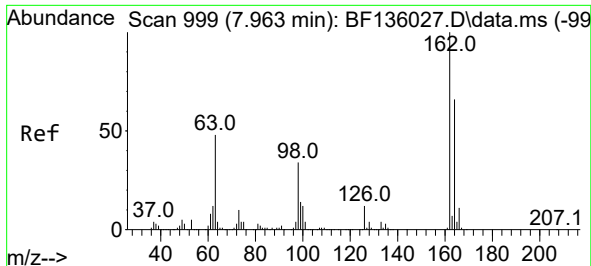
Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.538 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

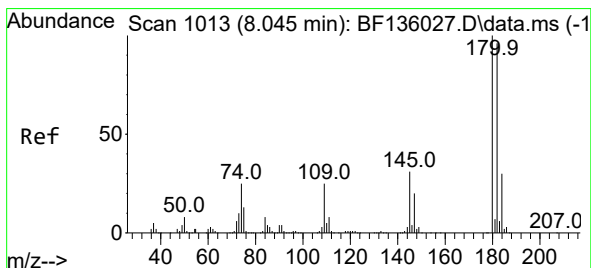
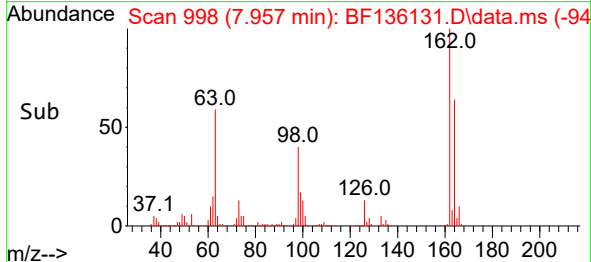
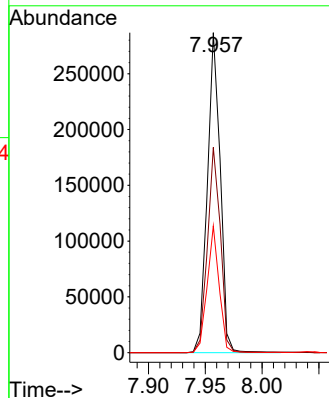
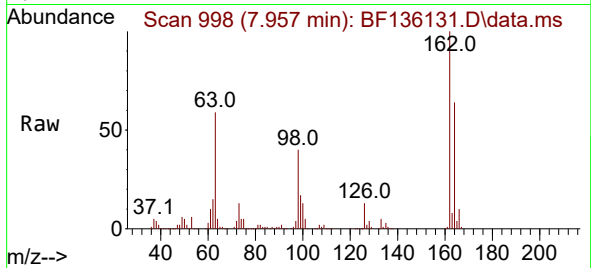
Tgt Ion:162 Resp: 224733

Ion Ratio Lower Upper

162 100

164 64.2 45.5 85.5

98 39.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 51.657 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

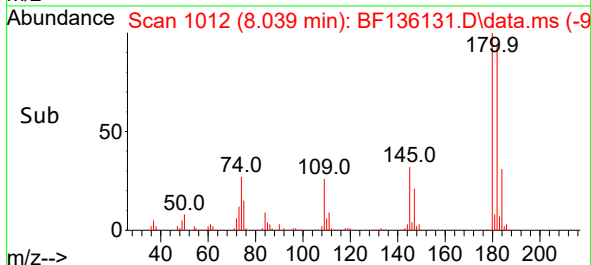
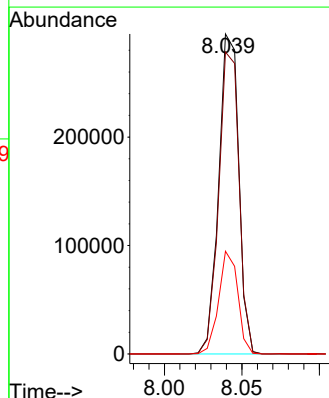
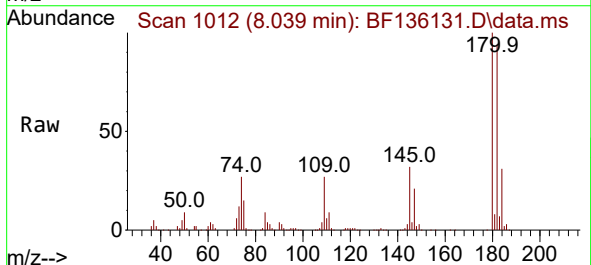
Tgt Ion:180 Resp: 266398

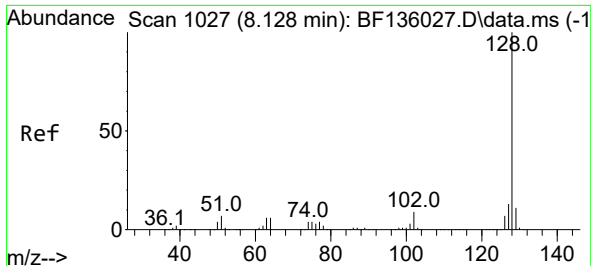
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 32.1 24.7 37.1

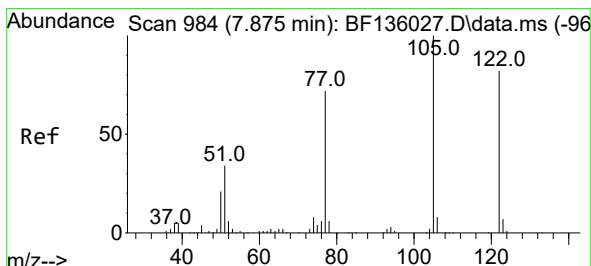
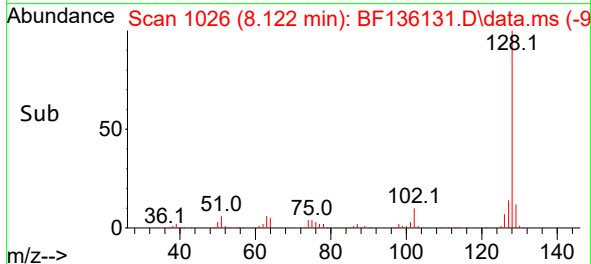
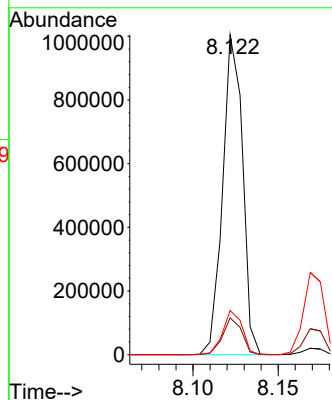
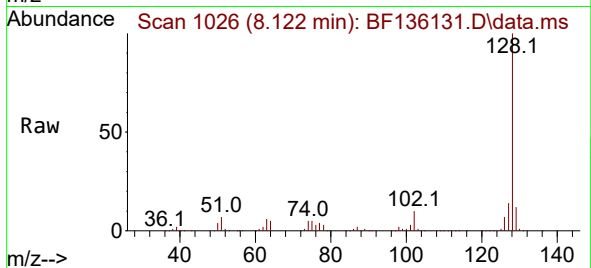




#31
Naphthalene
Concen: 48.815 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

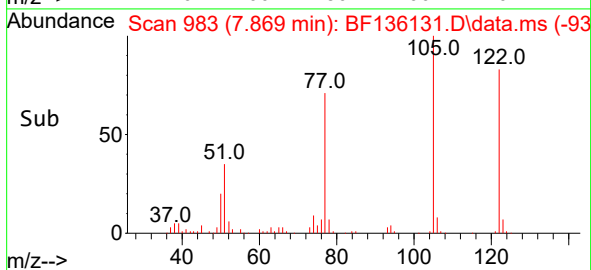
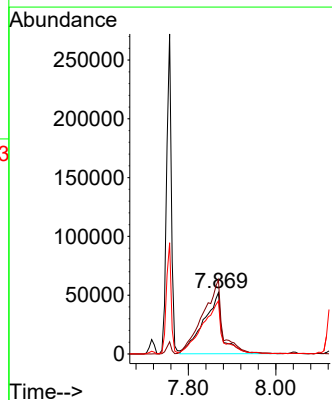
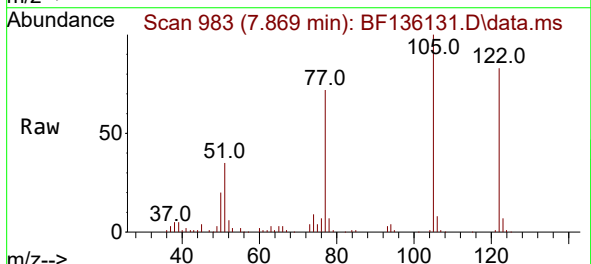
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

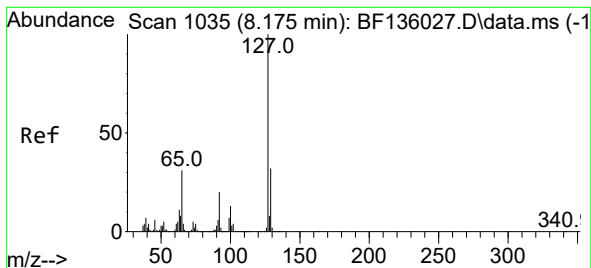
Tgt Ion:128 Resp: 815962
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.8 10.5 15.7



#32
Benzoic acid
Concen: 40.767 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:122 Resp: 160302
Ion Ratio Lower Upper
122 100
105 121.1 99.5 139.5
77 86.7 66.8 106.8





#33

4-Chloroaniline

Concen: 30.608 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:127 Resp: 224057

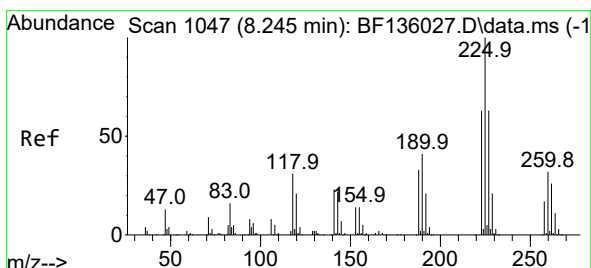
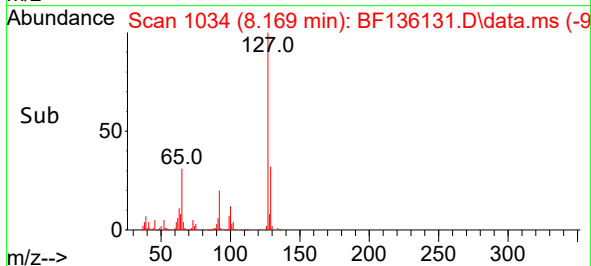
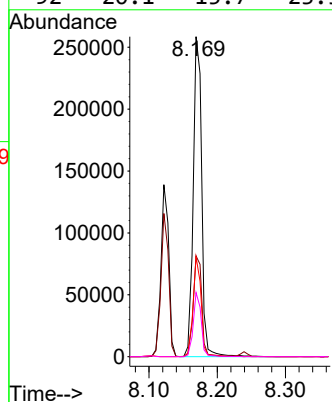
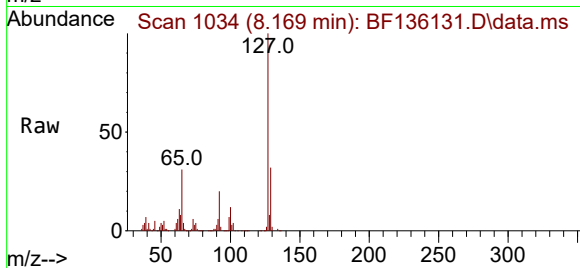
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 31.2 24.6 37.0

92 20.1 15.7 23.5



#34

Hexachlorobutadiene

Concen: 54.684 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

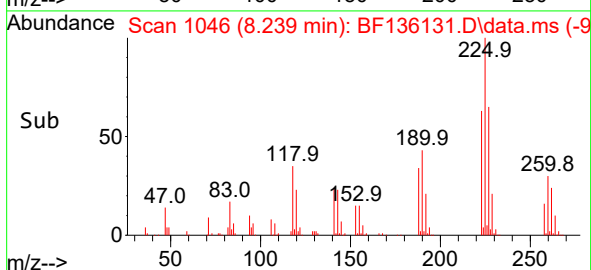
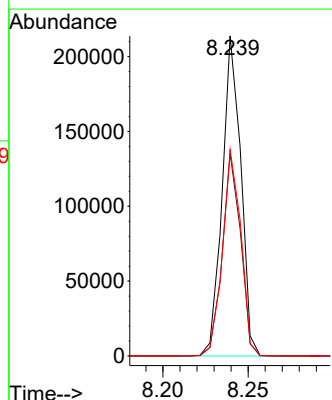
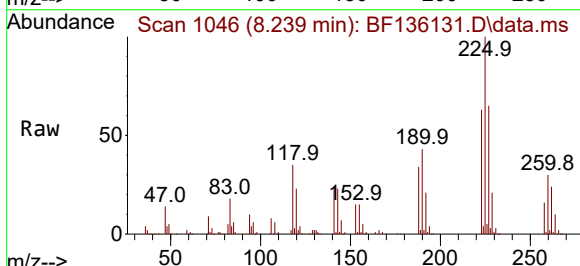
Tgt Ion:225 Resp: 161729

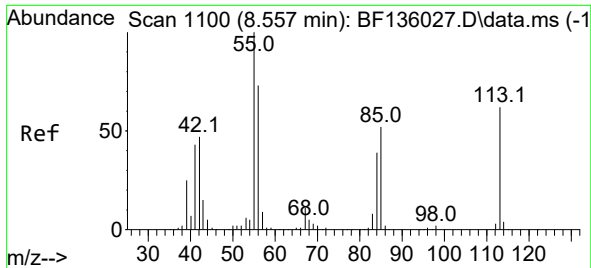
Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

227 64.5 50.6 75.8

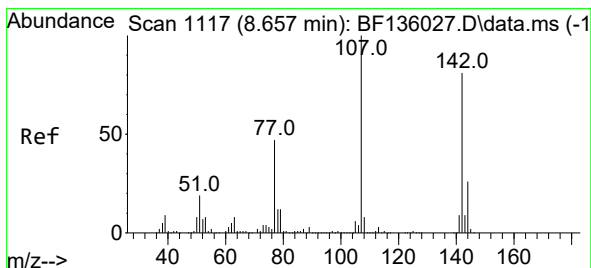
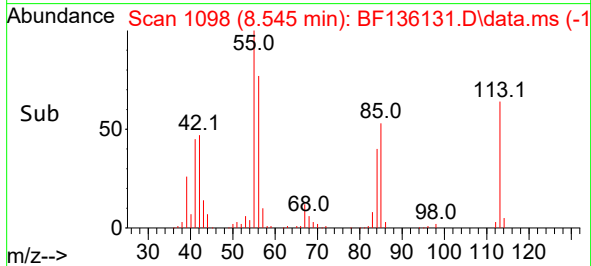
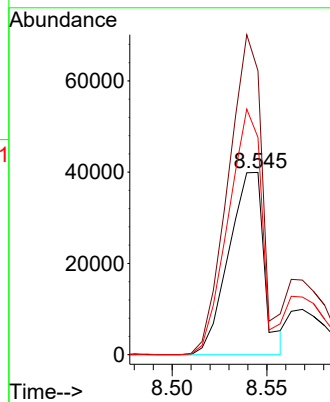
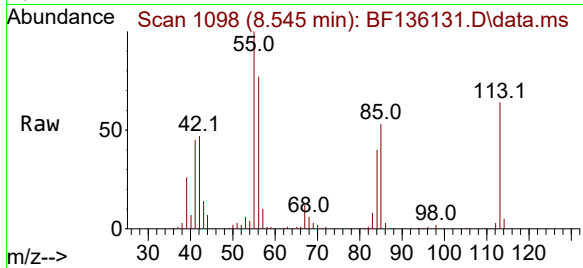




#35
 Caprolactam
 Concen: 33.570 ng
 RT: 8.545 min Scan# 1098
 Delta R.T. -0.012 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

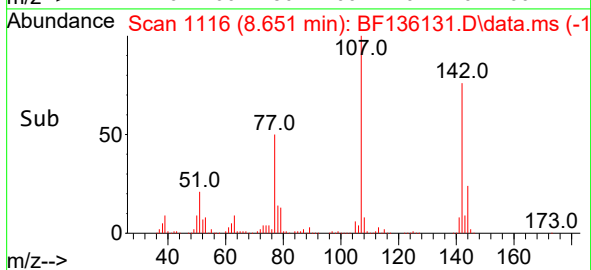
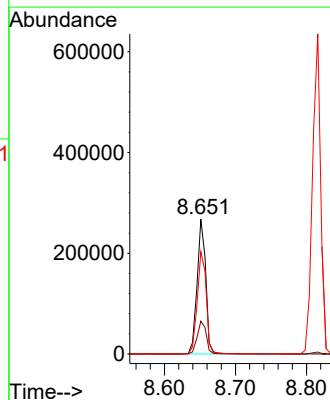
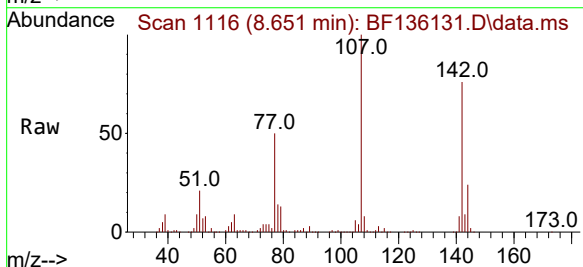
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD

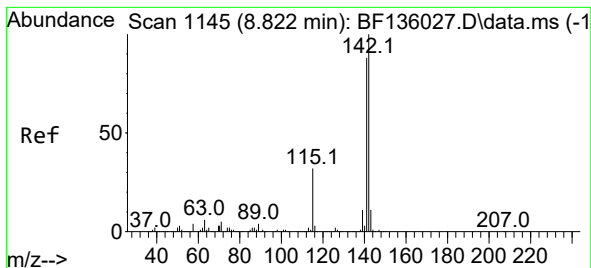
Tgt Ion:113 Resp: 51603
 Ion Ratio Lower Upper
 113 100
 55 155.8 142.2 182.2
 56 119.3 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.782 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

Tgt Ion:107 Resp: 227222
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.6 31.0
 142 75.9 64.6 97.0





#37

2-Methylnaphthalene

Concen: 45.032 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

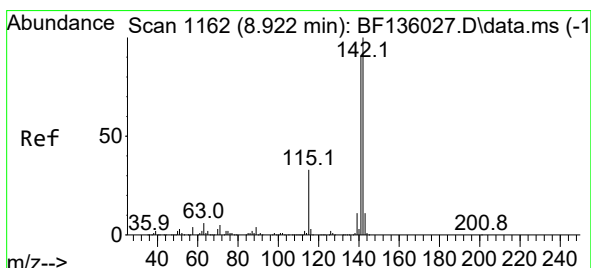
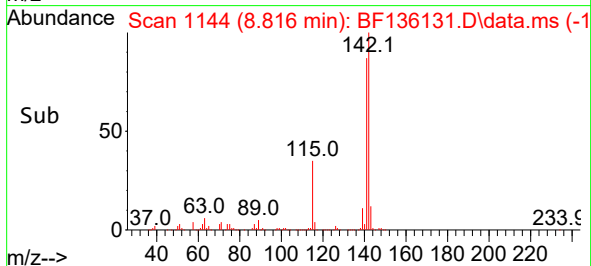
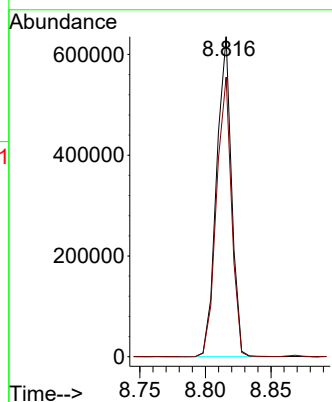
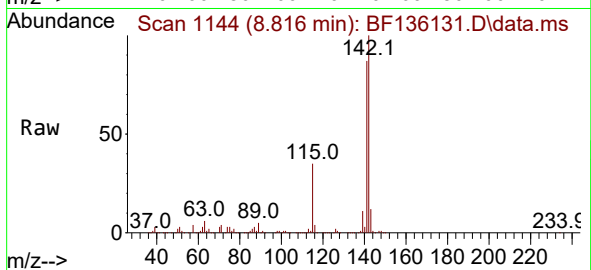
PE-5MSD

Tgt Ion:142 Resp: 504711

Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 47.049 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136131.D

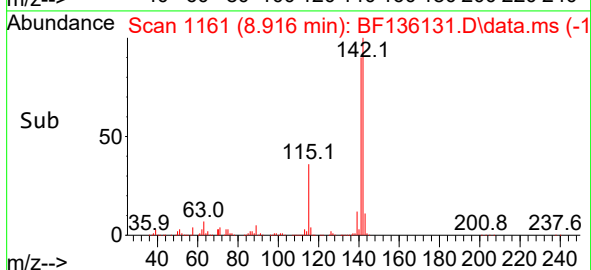
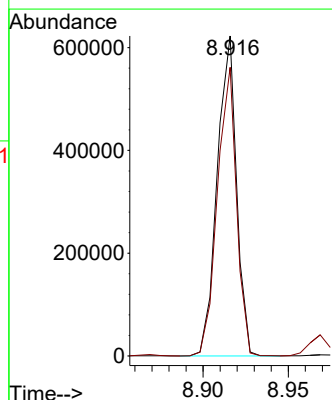
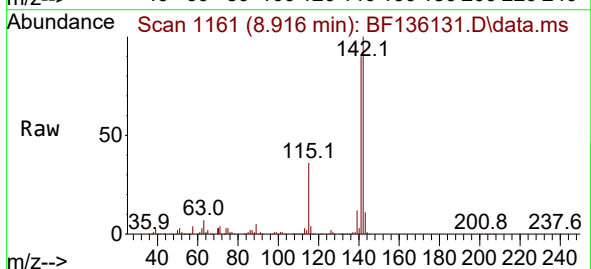
Acq: 03 Nov 2023 18:39

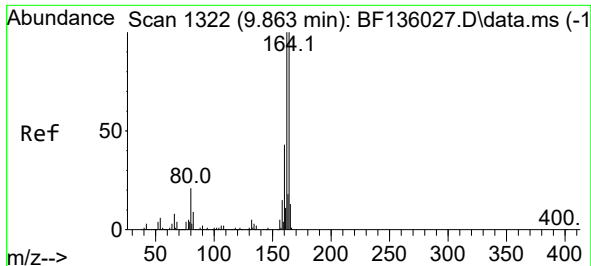
Tgt Ion:142 Resp: 490727

Ion Ratio Lower Upper

142 100

141 90.2 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

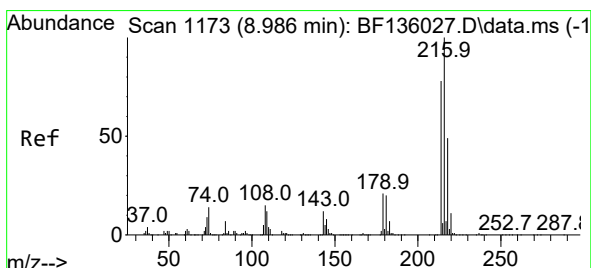
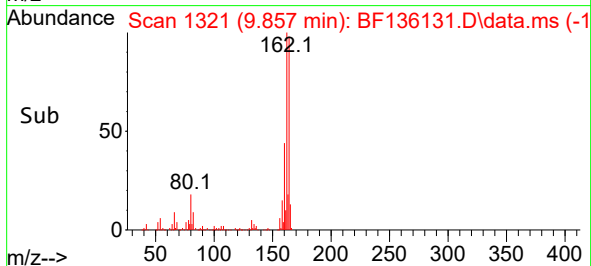
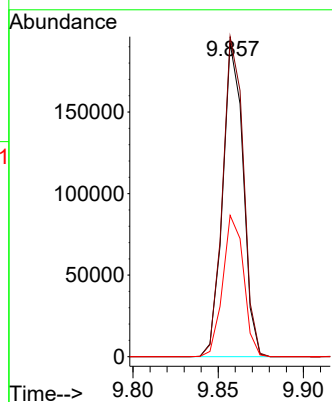
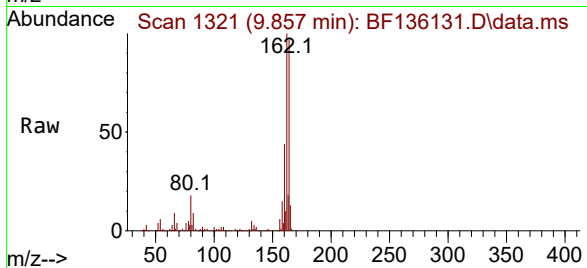
Tgt Ion:164 Resp: 160658

Ion Ratio Lower Upper

164 100

162 102.0 80.1 120.1

160 45.0 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.397 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion:216 Resp: 244658

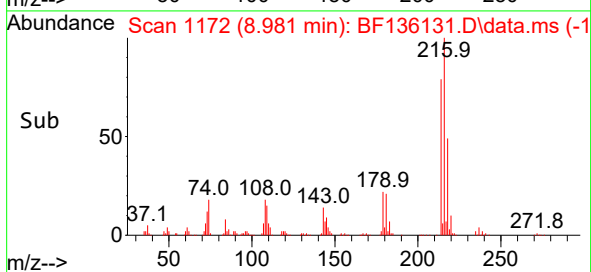
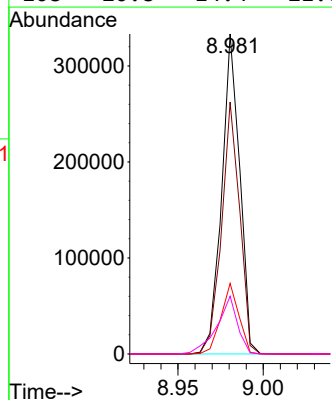
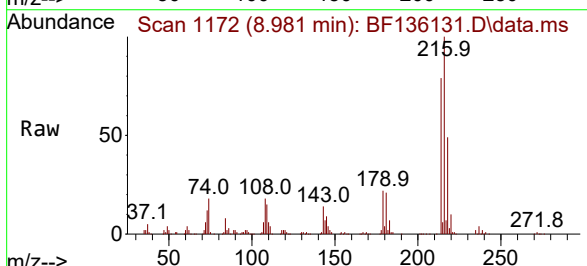
Ion Ratio Lower Upper

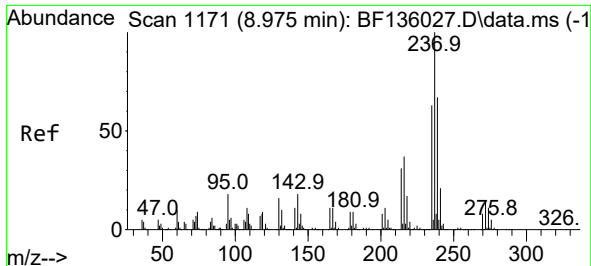
216 100

214 78.9 63.8 95.6

179 22.0 17.5 26.3

108 20.8 14.4 21.6

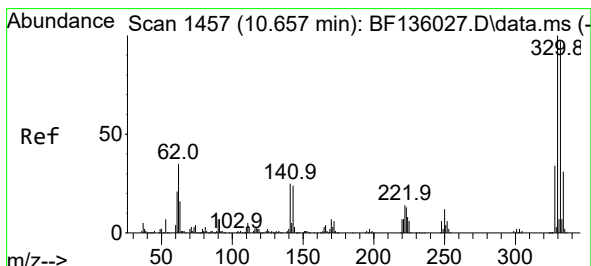
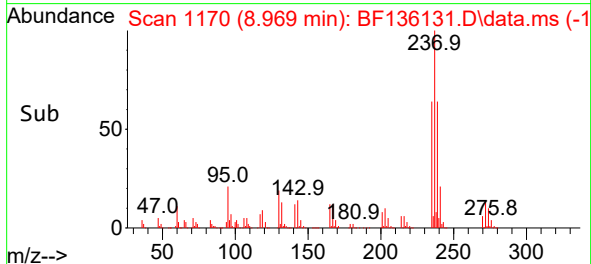
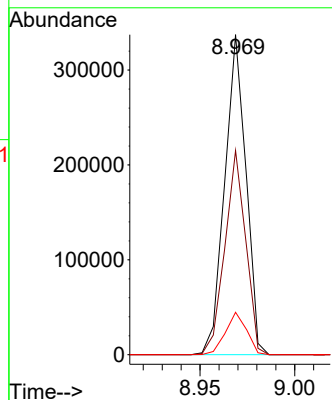
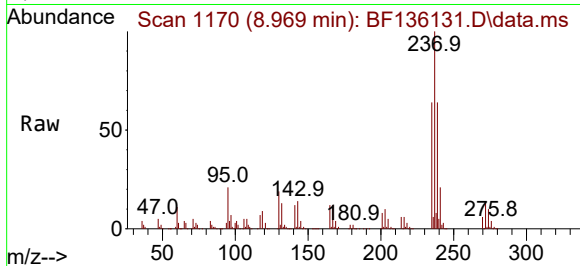




#41
Hexachlorocyclopentadiene
Concen: 107.384 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

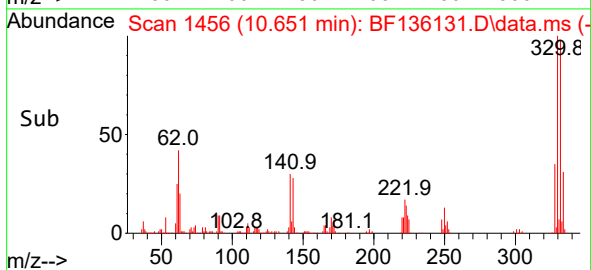
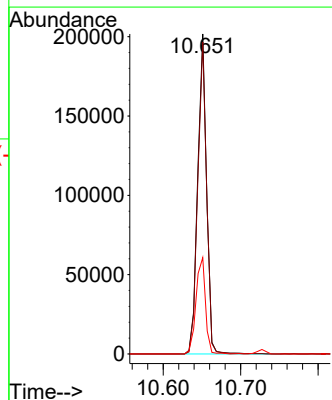
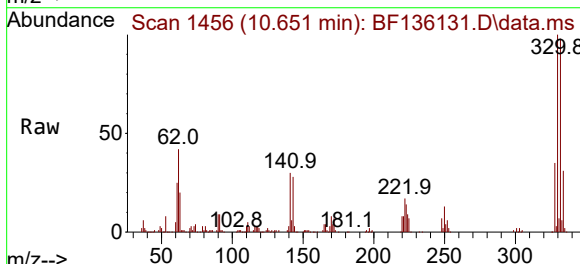
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

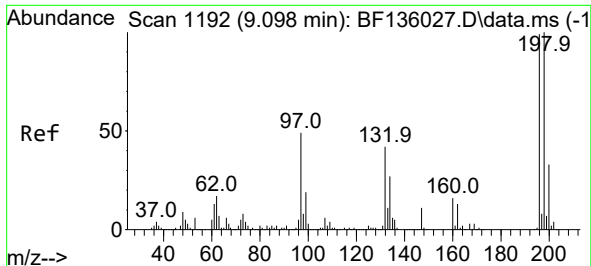
Tgt Ion:237	Resp:	262857	
Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.3	83.3
272	13.3	0.0	34.2



#42
2,4,6-Tribromophenol
Concen: 93.552 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:330	Resp:	160426	
Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	32.2	23.2	34.8





#43

2,4,6-Trichlorophenol

Concen: 50.055 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

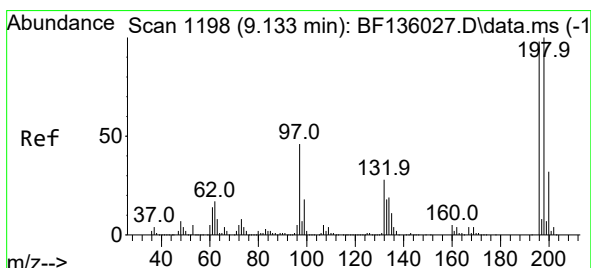
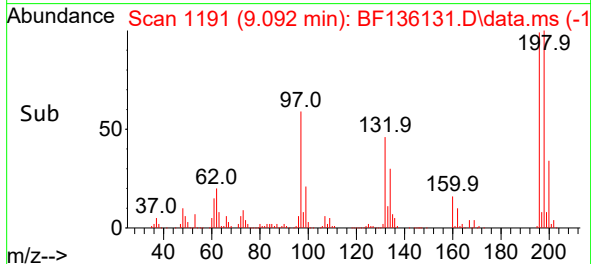
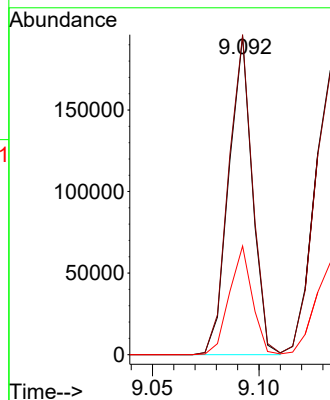
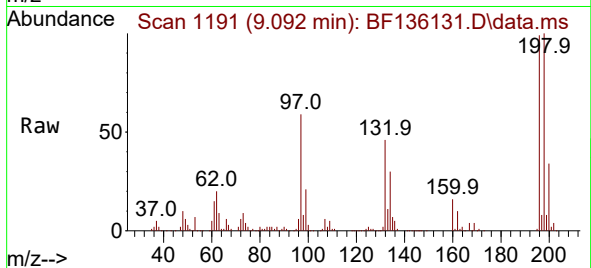
Tgt Ion:196 Resp: 149534

Ion Ratio Lower Upper

196 100

198 100.6 80.7 121.1

200 34.2 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 47.061 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion:196 Resp: 162858

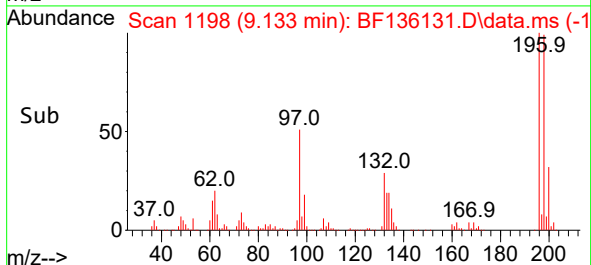
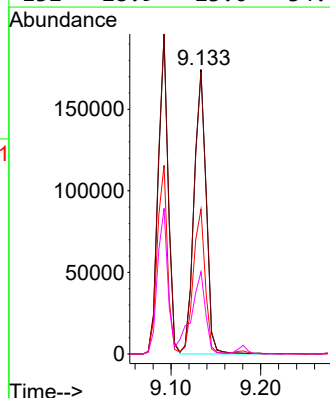
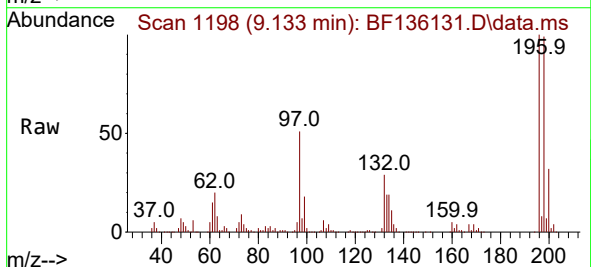
Ion Ratio Lower Upper

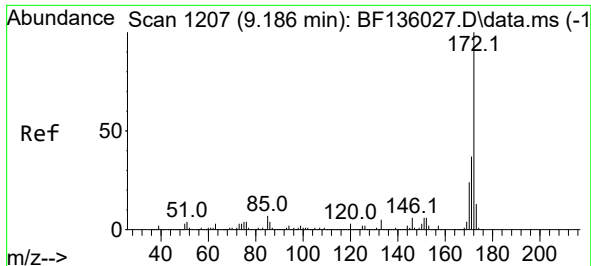
196 100

198 99.0 81.6 122.4

97 50.9 38.2 57.2

132 28.9 23.0 34.4

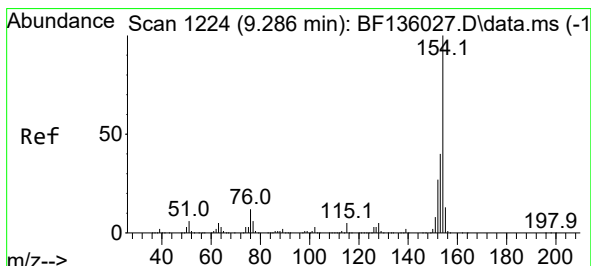
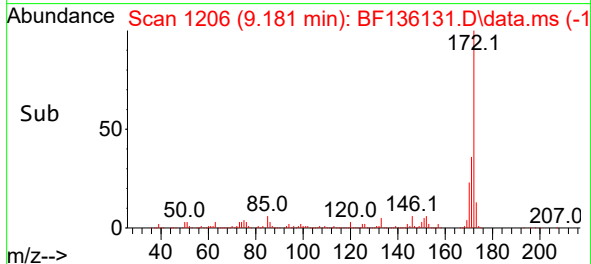
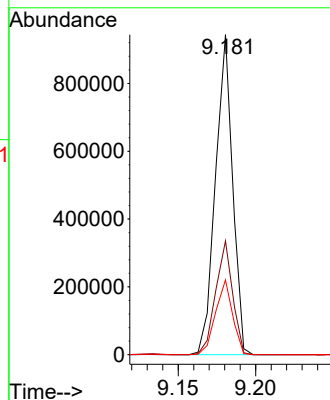
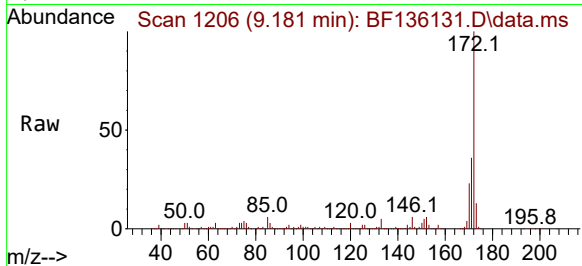




#45
2-Fluorobiphenyl
Concen: 71.978 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

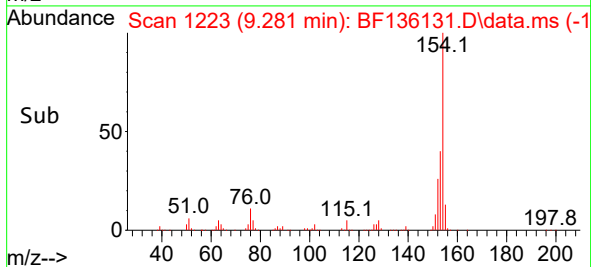
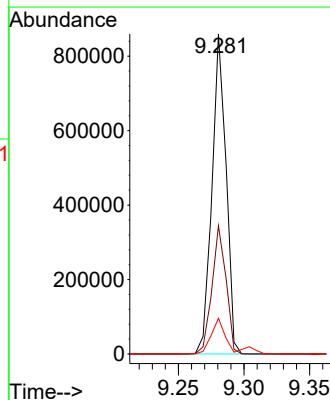
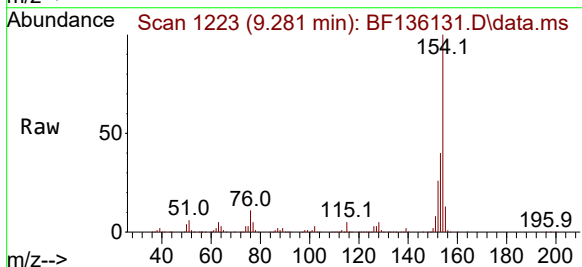
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

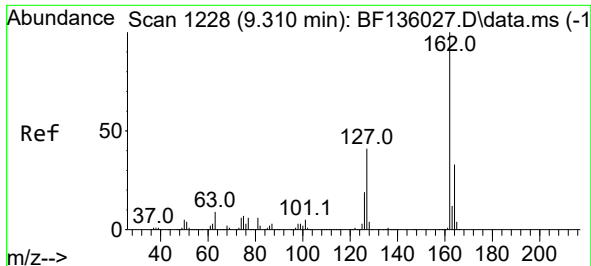
Tgt Ion:172 Resp: 725412
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.4 19.3 28.9



#46
1,1'-Biphenyl
Concen: 52.357 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:154 Resp: 641222
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 11.1 0.0 32.5

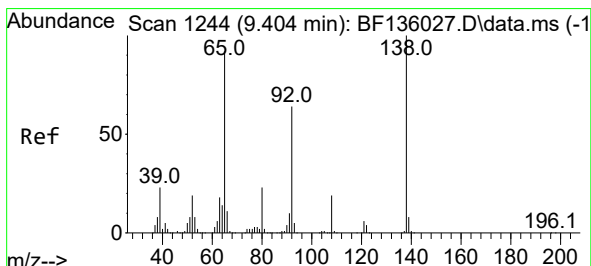
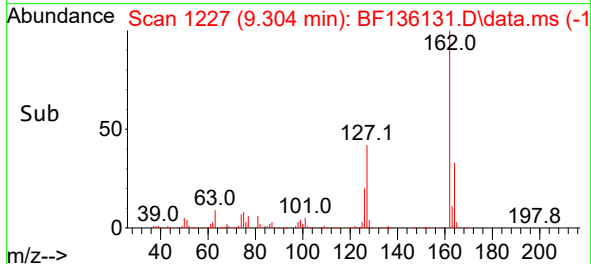
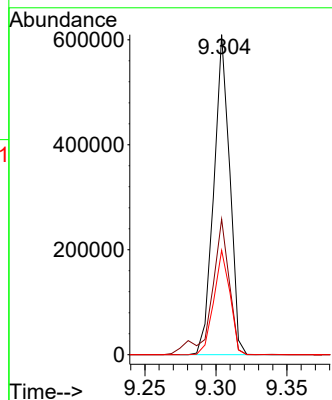
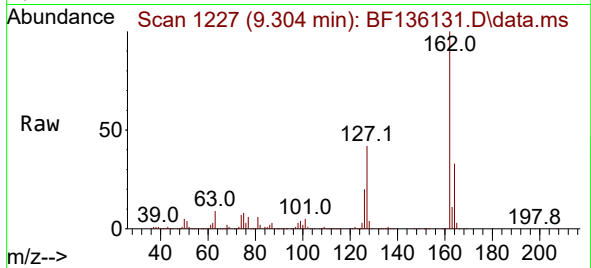




#47
2-Chloronaphthalene
Concen: 52.644 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

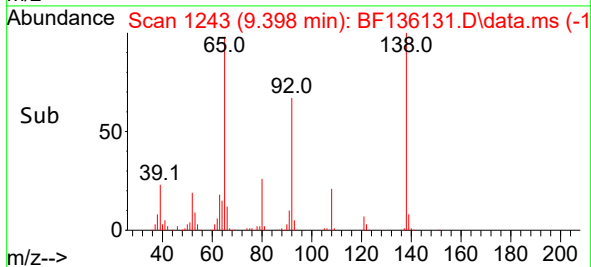
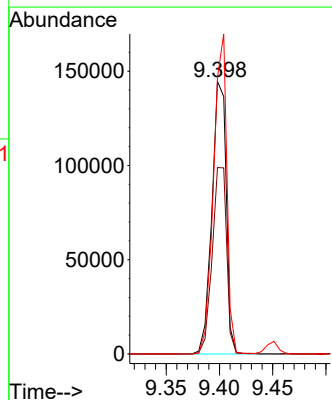
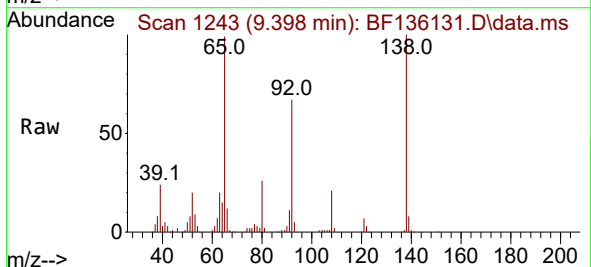
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

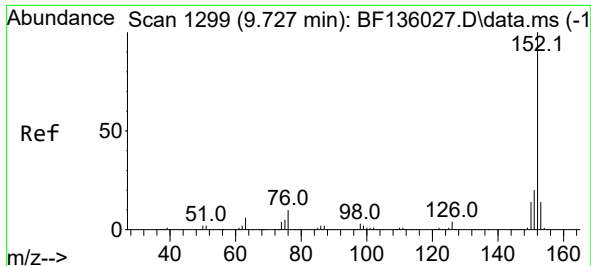
Tgt Ion:162 Resp: 475300
Ion Ratio Lower Upper
162 100
127 42.3 32.4 48.6
164 32.6 26.7 40.1



#48
2-Nitroaniline
Concen: 50.498 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion: 65 Resp: 134930
Ion Ratio Lower Upper
65 100
92 68.4 55.7 83.5
138 101.5 86.8 130.2





#49

Acenaphthylene

Concen: 51.338 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

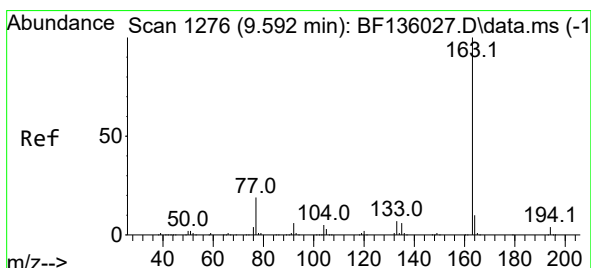
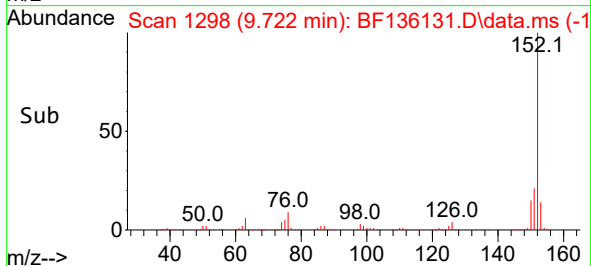
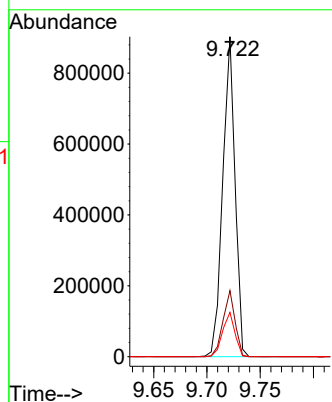
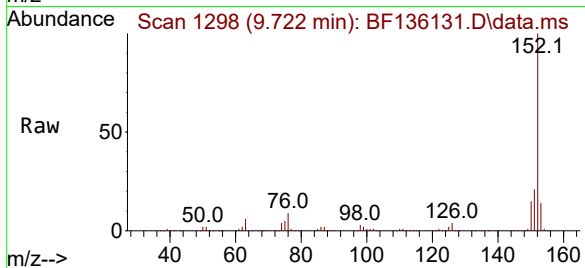
Tgt Ion:152 Resp: 723087

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

153 13.9 11.4 17.2



#50

Dimethylphthalate

Concen: 49.271 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

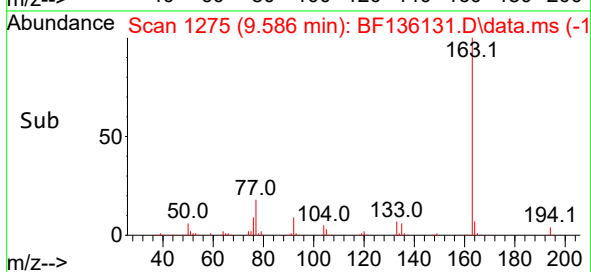
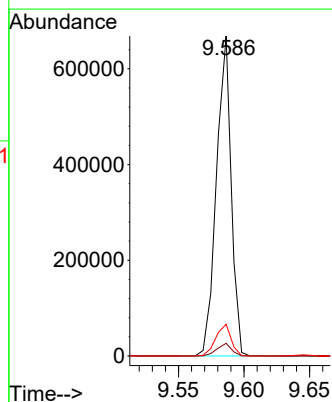
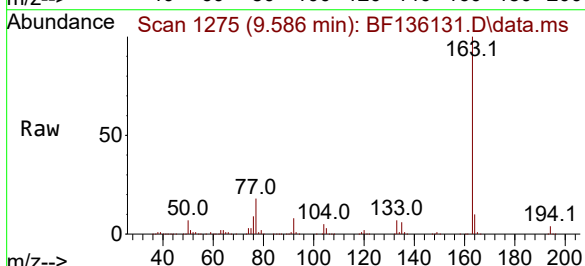
Tgt Ion:163 Resp: 522138

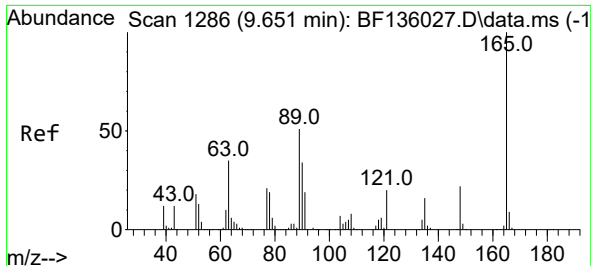
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.1 12.1

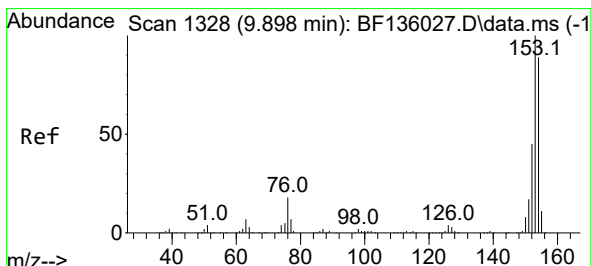
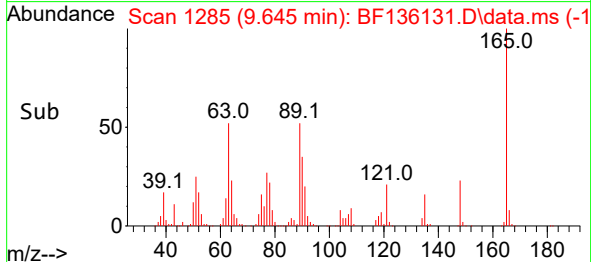
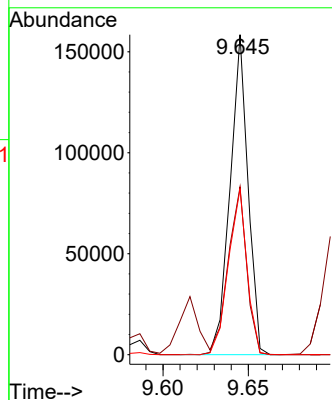
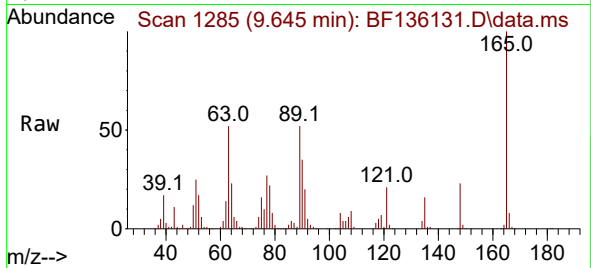




#51
2,6-Dinitrotoluene
Concen: 51.237 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

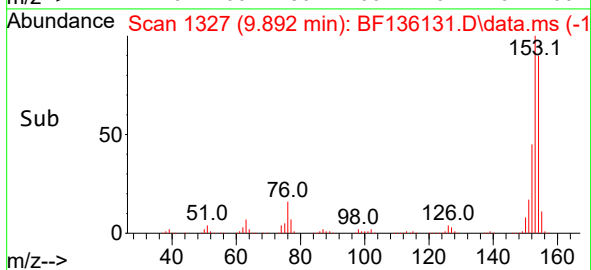
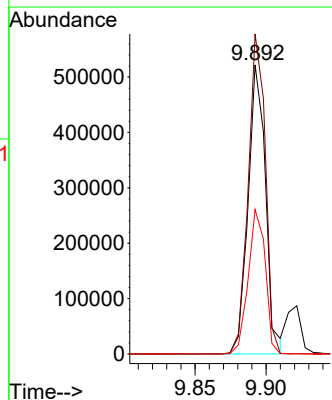
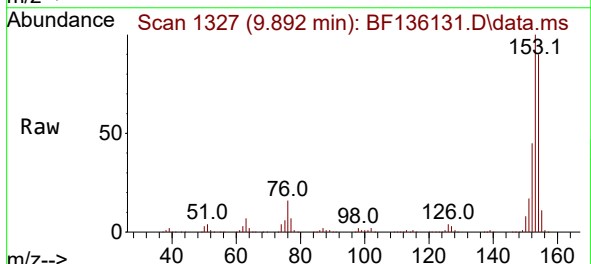
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

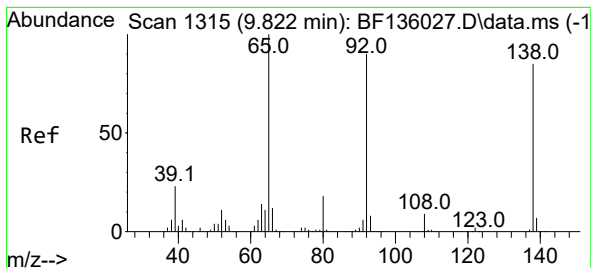
Tgt Ion:165 Resp: 116131
Ion Ratio Lower Upper
165 100
63 52.5 40.8 61.2
89 51.9 41.1 61.7



#52
Acenaphthene
Concen: 49.543 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:154 Resp: 443602
Ion Ratio Lower Upper
154 100
153 110.7 89.9 134.9
152 50.0 40.2 60.2





#53

3-Nitroaniline

Concen: 36.912 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

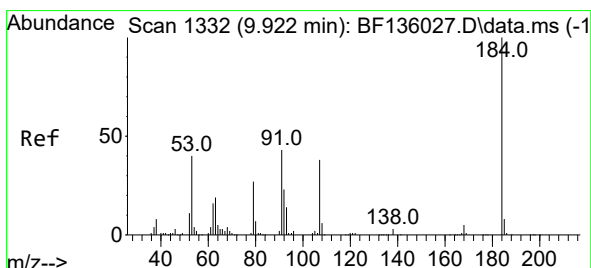
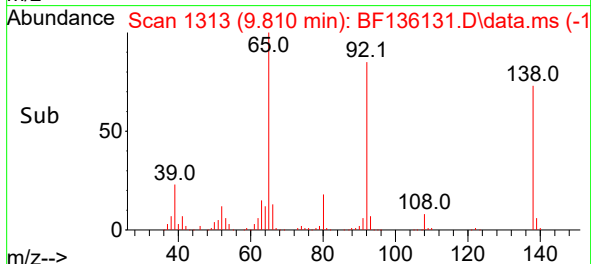
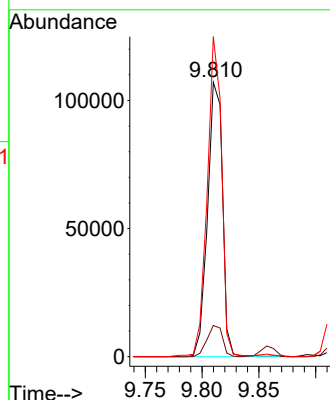
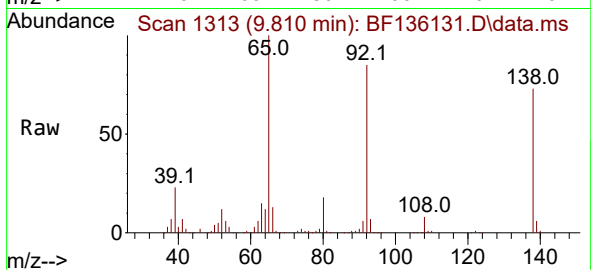
Tgt Ion:138 Resp: 97618

Ion Ratio Lower Upper

138 100

108 11.4 8.8 13.2

92 116.6 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 84.945 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

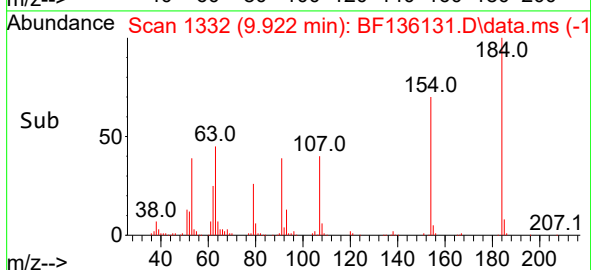
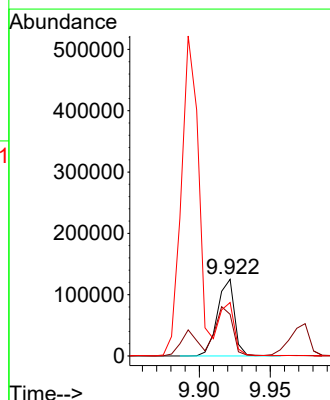
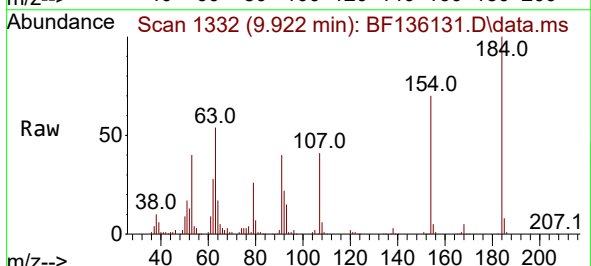
Tgt Ion:184 Resp: 105019

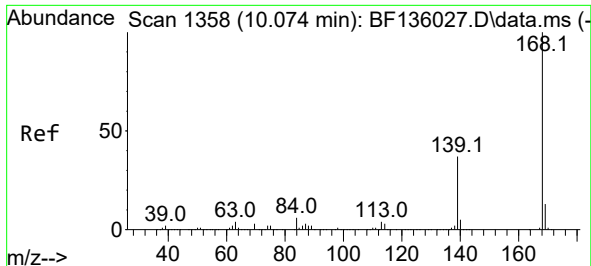
Ion Ratio Lower Upper

184 100

63 54.2 43.7 65.5

154 69.6 51.2 76.8

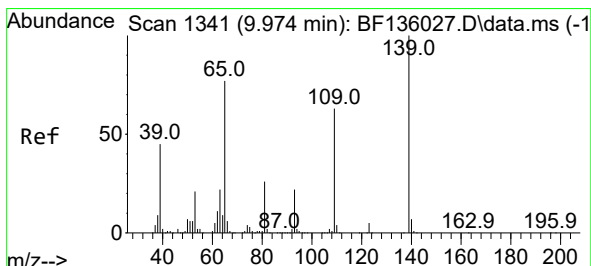
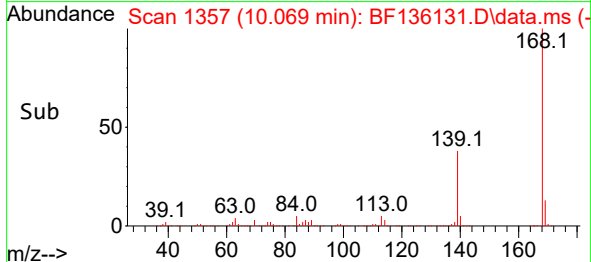
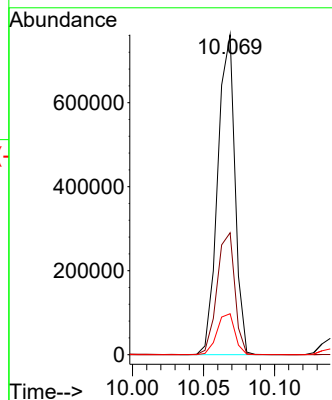
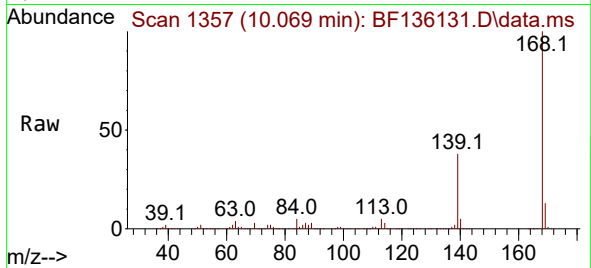




#55
Dibenzenofuran
Concen: 49.200 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

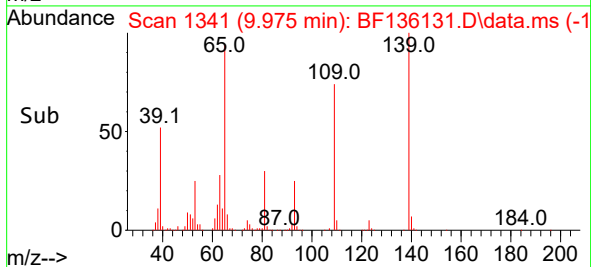
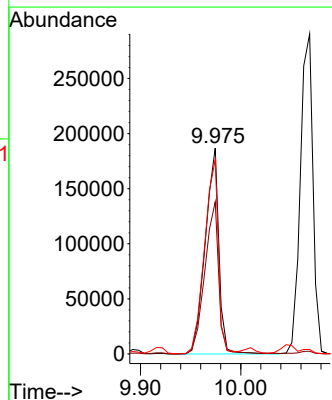
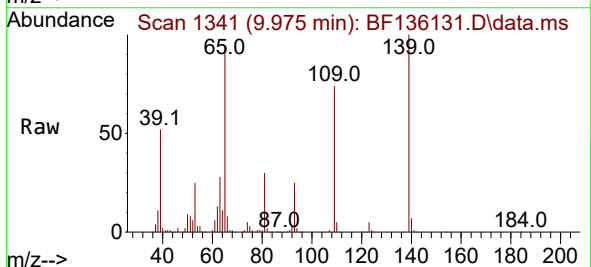
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

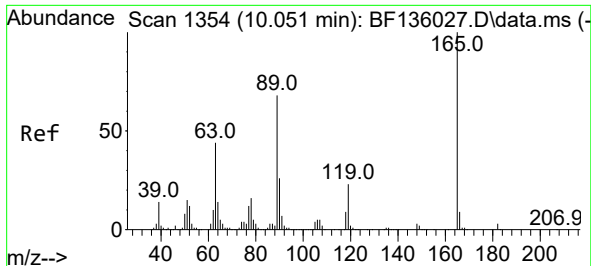
Tgt Ion:168 Resp: 642367
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0
169 12.8 10.5 15.7



#56
4-Nitrophenol
Concen: 90.277 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:139 Resp: 178588
Ion Ratio Lower Upper
139 100
109 73.8 43.2 83.2
65 94.4 57.6 97.6

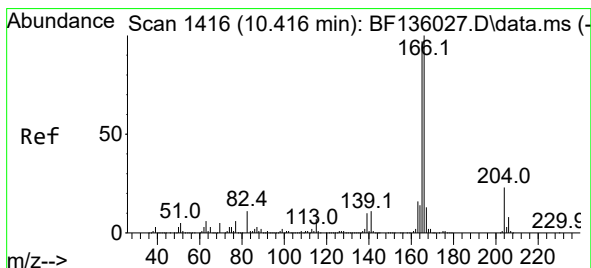
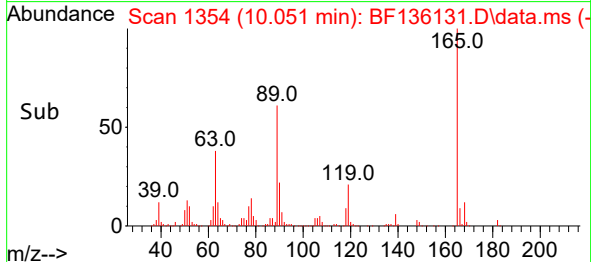
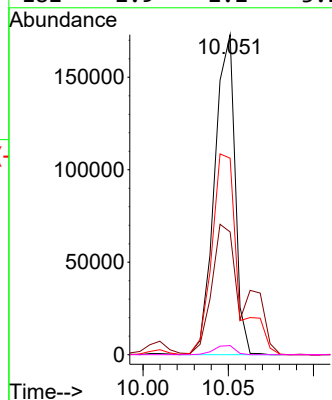
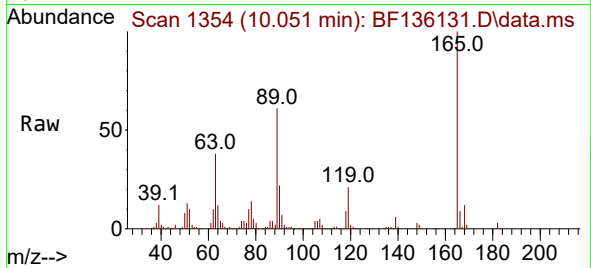




#57
2,4-Dinitrotoluene
Concen: 50.518 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

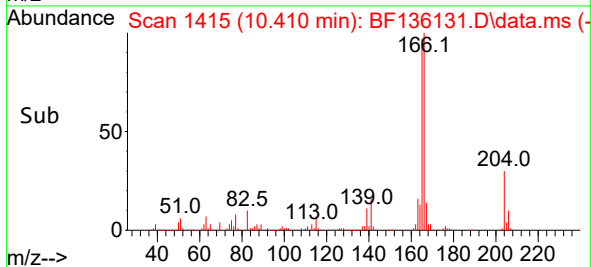
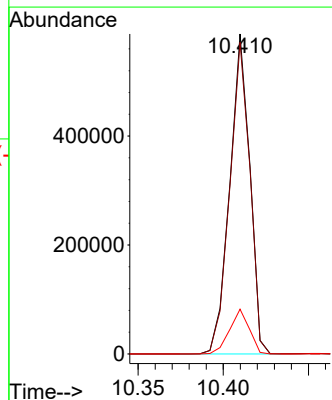
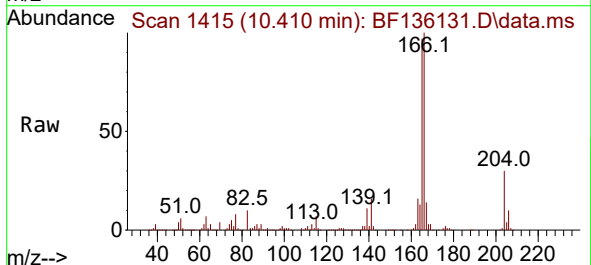
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

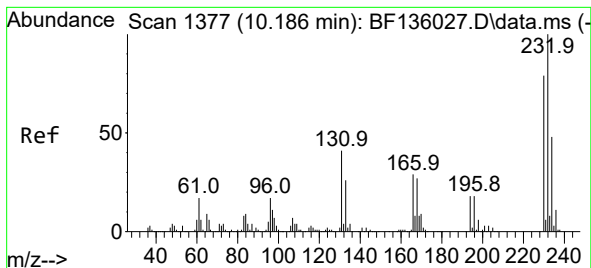
Tgt Ion:165 Resp: 144870
Ion Ratio Lower Upper
165 100
63 38.3 35.2 52.8
89 61.4 54.8 82.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 49.220 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:166 Resp: 481149
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 14.0 10.6 16.0

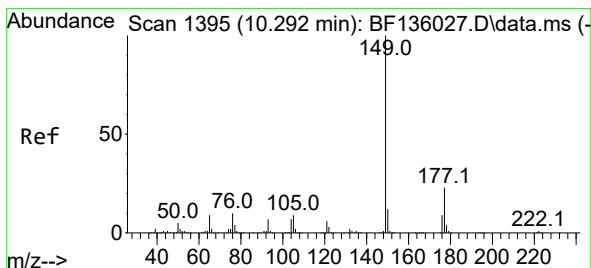
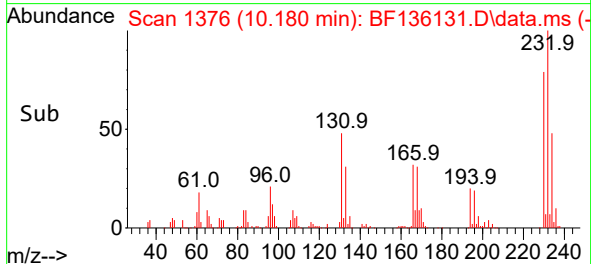
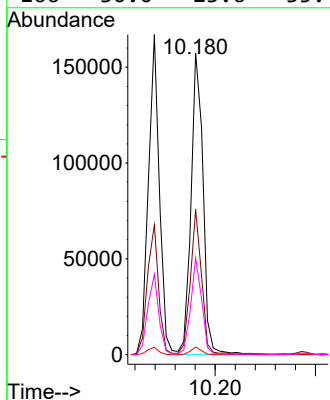
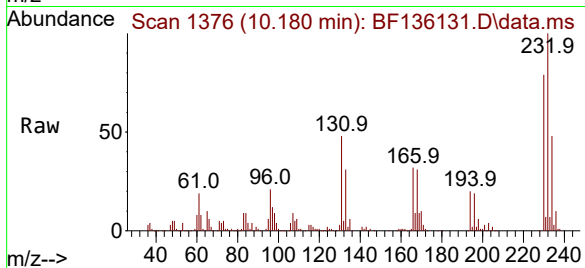




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.106 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

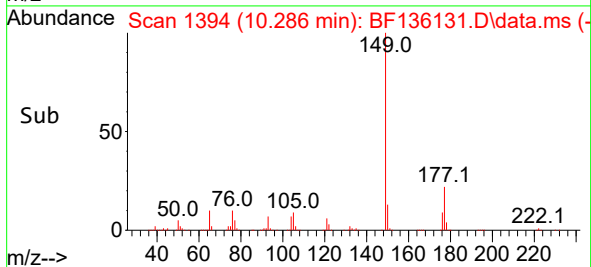
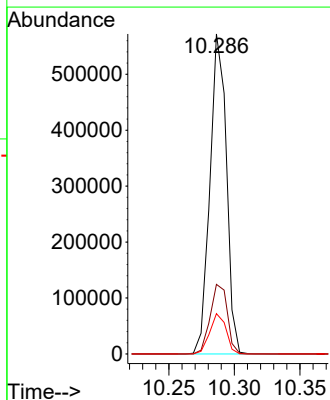
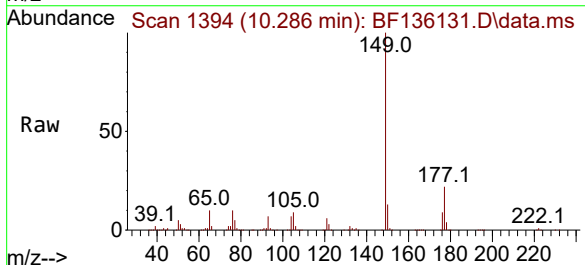
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

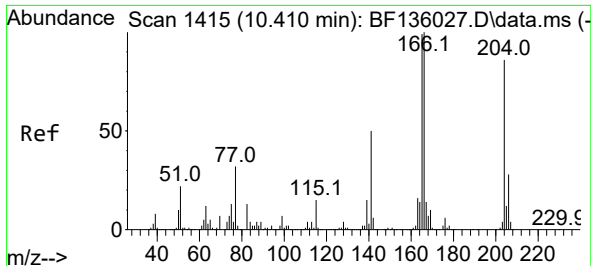
Tgt Ion:232 Resp: 129599
Ion Ratio Lower Upper
232 100
131 45.6 34.6 52.0
130 2.3 1.6 2.4
166 30.0 23.6 35.4



#60
Diethylphthalate
Concen: 49.399 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:149 Resp: 500187
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.4
150 12.6 9.9 14.9

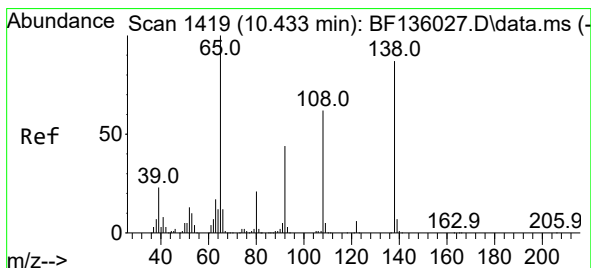
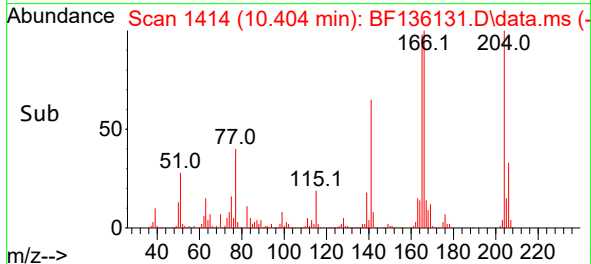
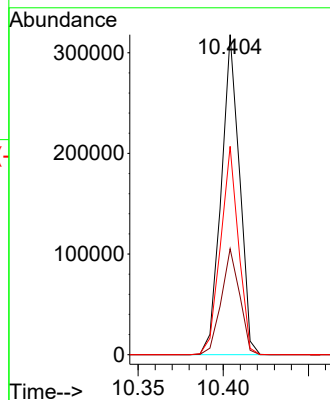
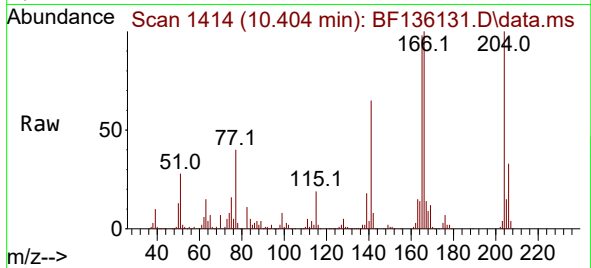




#61
4-Chlorophenyl-phenylether
Concen: 48.587 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

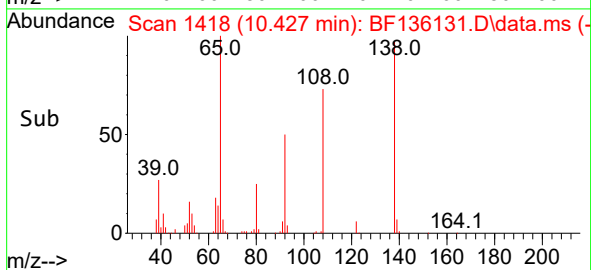
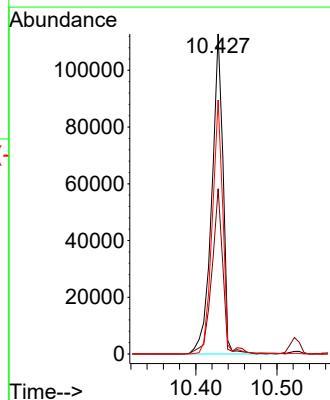
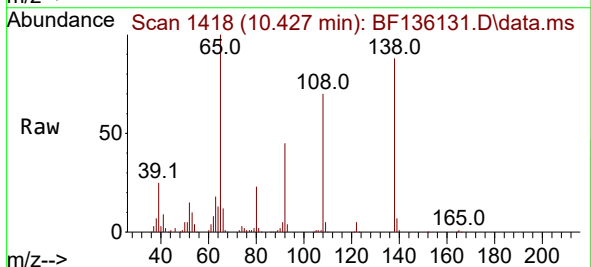
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

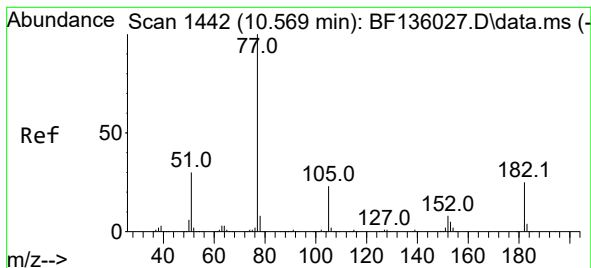
Tgt Ion:204 Resp: 237089
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 65.1 46.8 70.2



#62
4-Nitroaniline
Concen: 42.668 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:138 Resp: 108657
Ion Ratio Lower Upper
138 100
92 51.6 30.6 70.6
108 79.3 51.5 91.5





#63

Azobenzene

Concen: 47.002 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion: 77 Resp: 458332

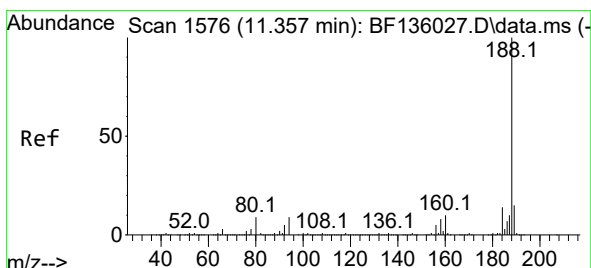
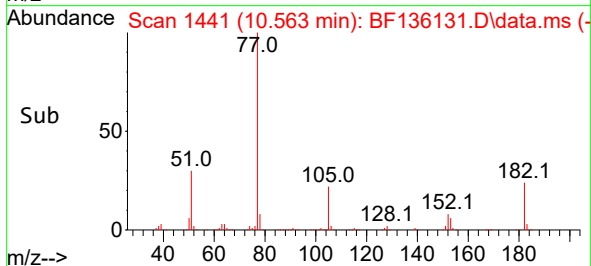
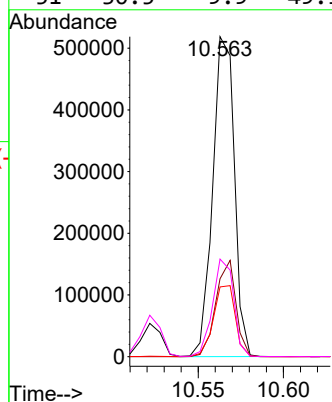
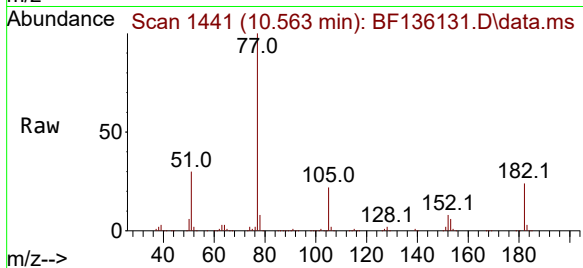
Ion Ratio Lower Upper

77 100

182 24.4 5.0 45.0

105 21.8 2.6 42.6

51 30.5 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

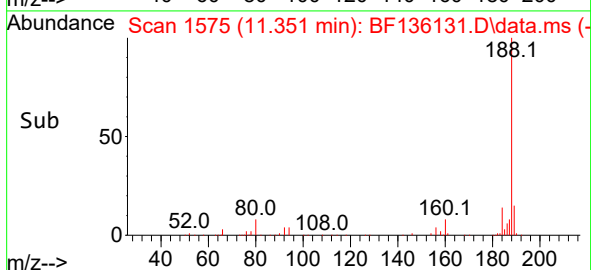
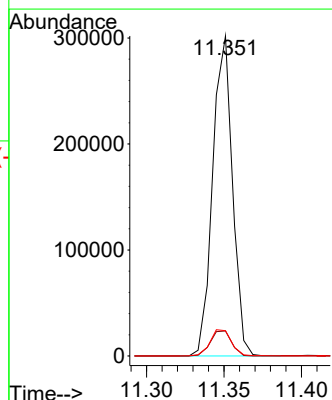
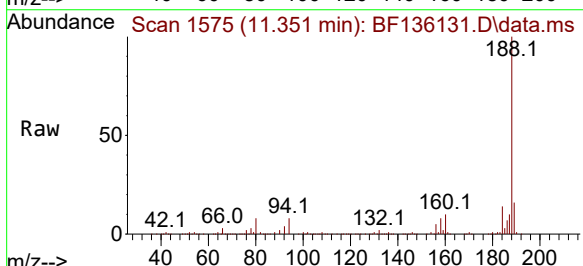
Tgt Ion:188 Resp: 268122

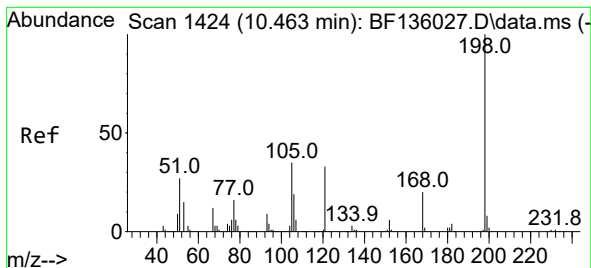
Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 7.9 7.4 11.0

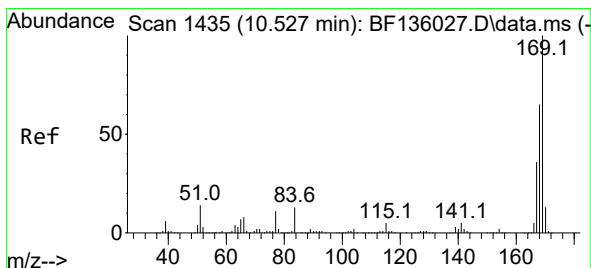
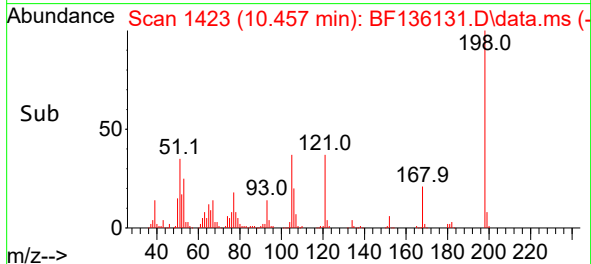
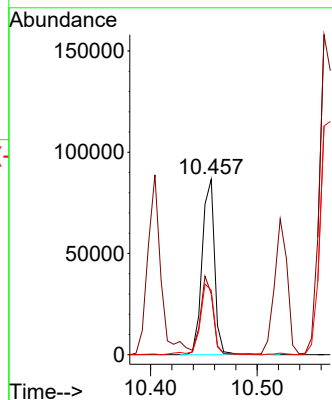
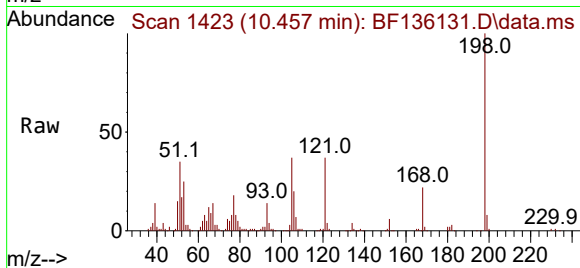




#65
4,6-Dinitro-2-methylphenol
Concen: 47.878 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

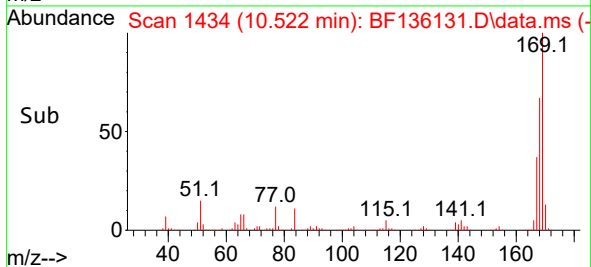
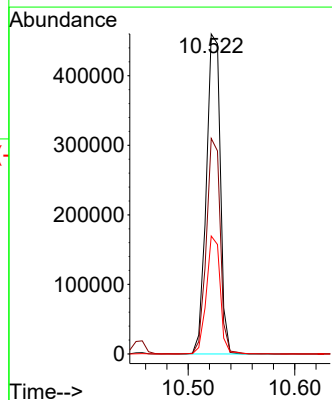
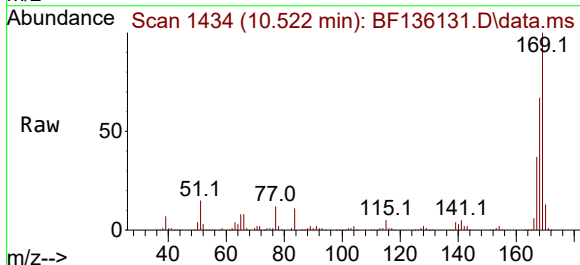
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

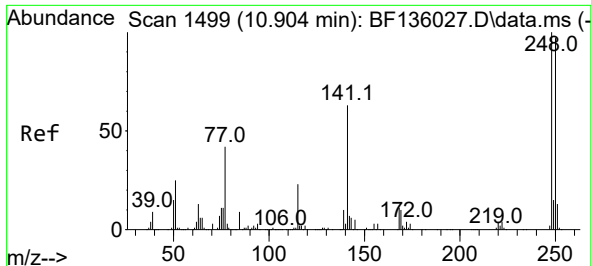
Tgt Ion:198 Resp: 70511
Ion Ratio Lower Upper
198 100
51 34.7 12.9 52.9
105 36.8 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 51.928 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:169 Resp: 420004
Ion Ratio Lower Upper
169 100
168 67.3 52.2 78.2
167 36.8 28.7 43.1

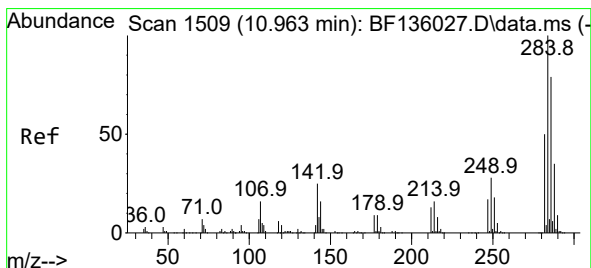
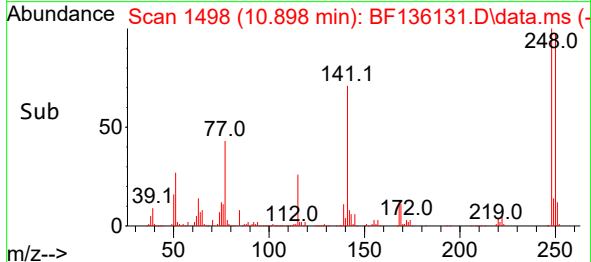
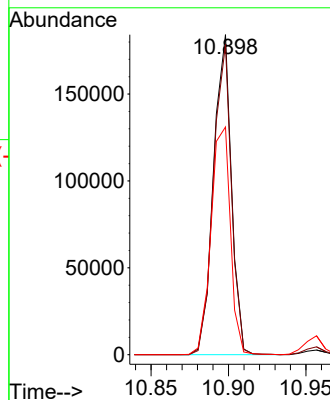
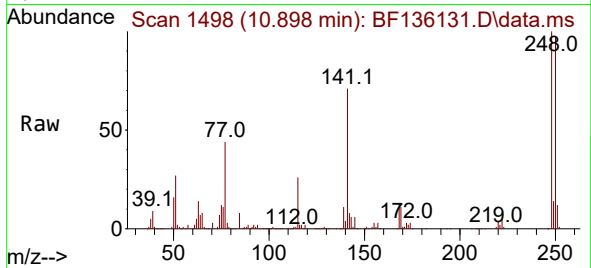




#67
4-Bromophenyl-phenylether
Concen: 52.841 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

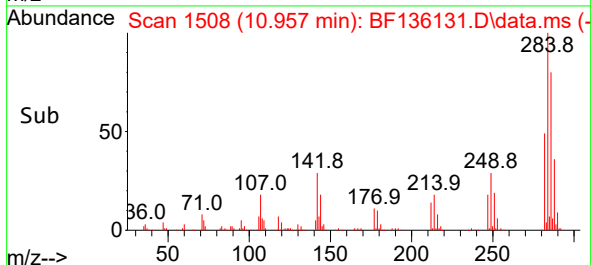
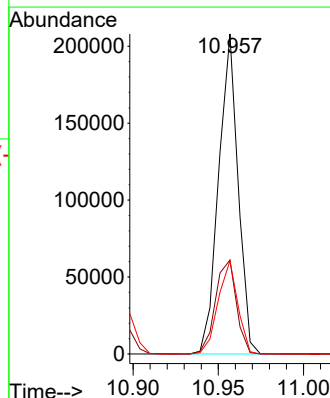
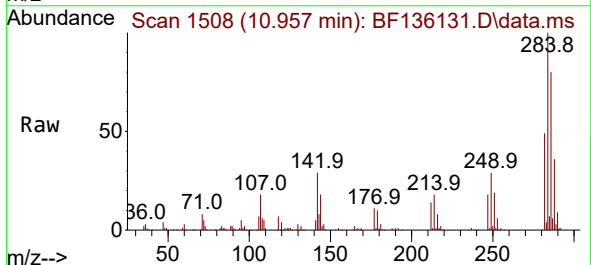
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

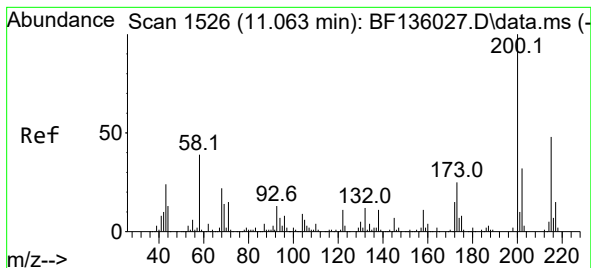
Tgt Ion:248 Resp: 148540
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 71.2 50.4 75.6



#68
Hexachlorobenzene
Concen: 55.064 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:284 Resp: 165316
Ion Ratio Lower Upper
284 100
142 29.3 20.2 30.4
249 29.1 22.6 33.8





#69

Atrazine

Concen: 63.533 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

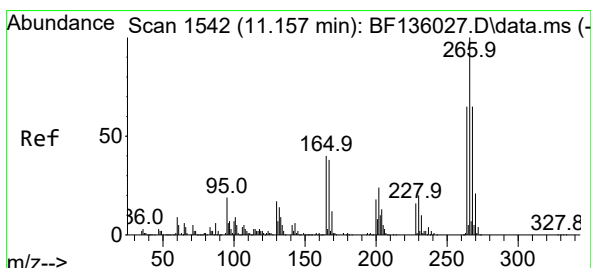
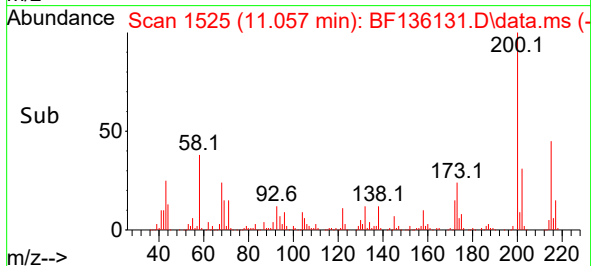
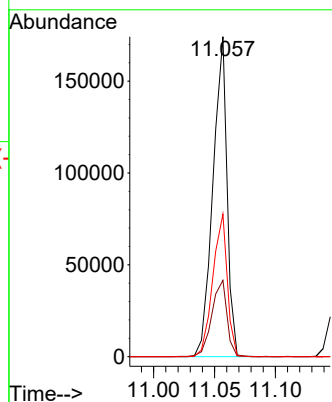
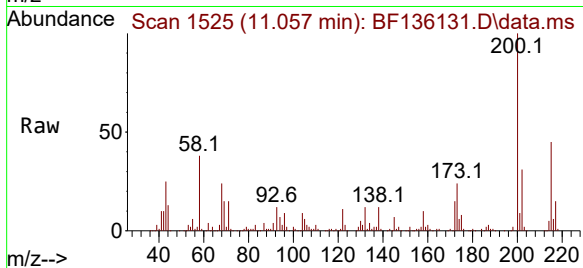
Tgt Ion:200 Resp: 139813

Ion Ratio Lower Upper

200 100

173 23.9 5.2 45.2

215 44.5 28.4 68.4



#70

Pentachlorophenol

Concen: 92.486 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

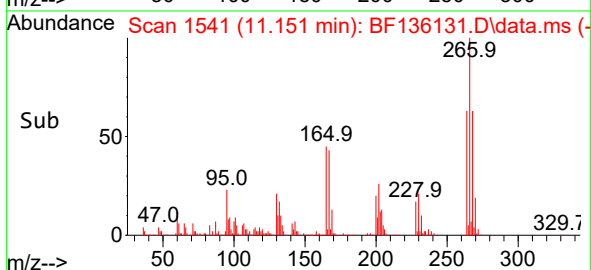
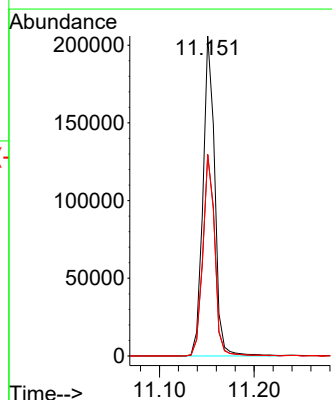
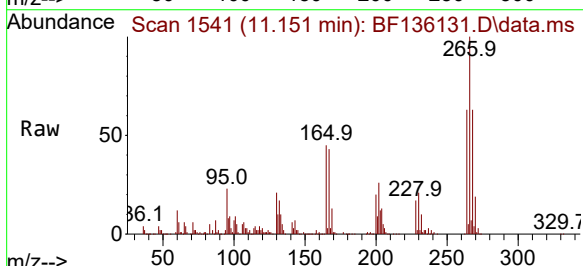
Tgt Ion:266 Resp: 178324

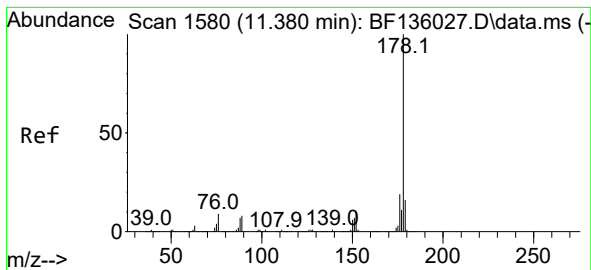
Ion Ratio Lower Upper

266 100

268 62.9 52.2 78.4

264 63.0 52.2 78.4





#71

Phenanthrene

Concen: 51.800 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

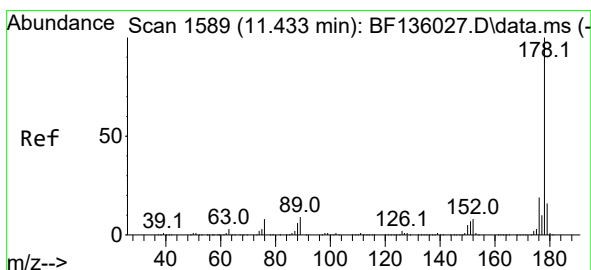
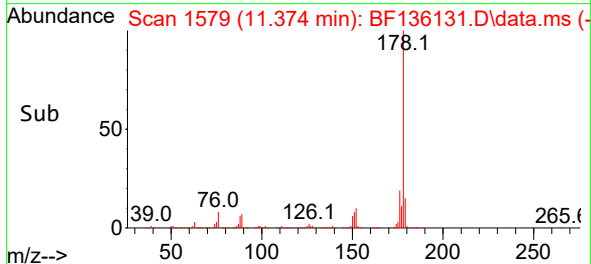
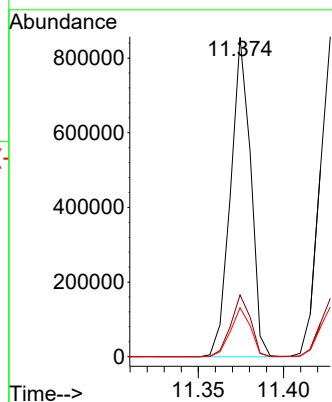
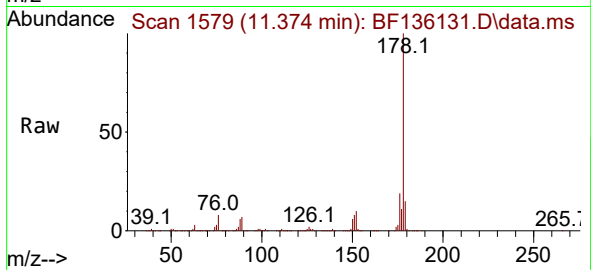
Tgt Ion:178 Resp: 699298

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.4 12.9 19.3



#72

Anthracene

Concen: 50.162 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

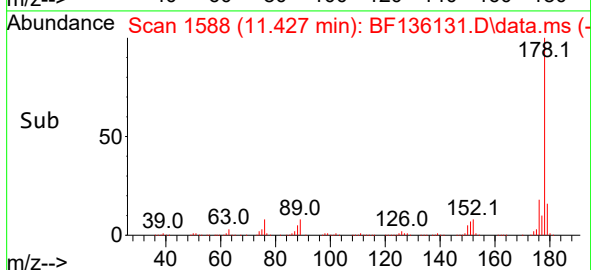
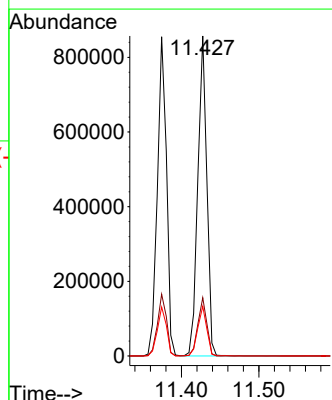
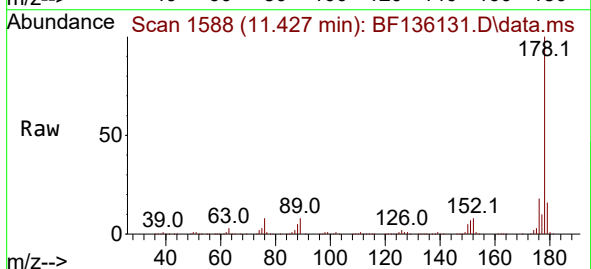
Tgt Ion:178 Resp: 693913

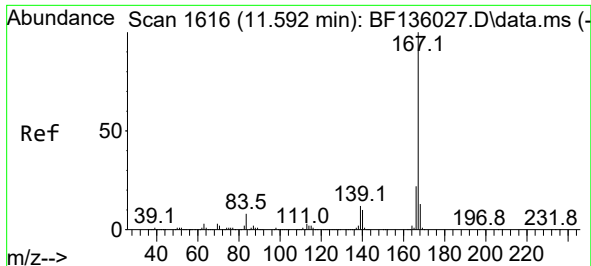
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

179 15.5 12.6 18.8

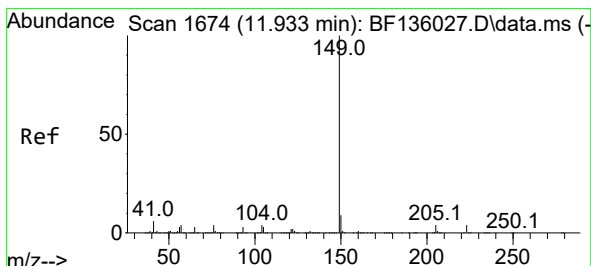
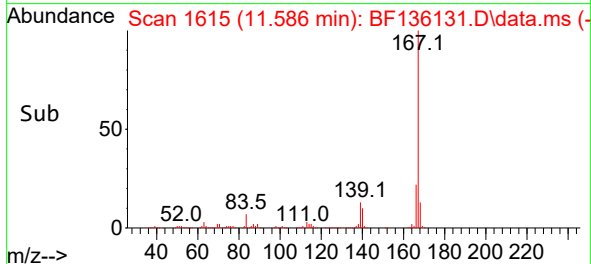
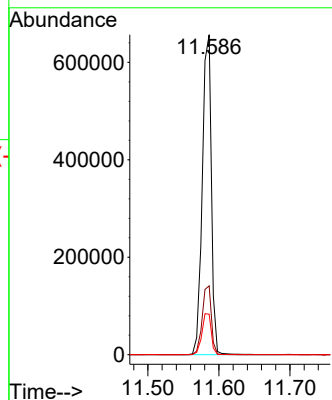
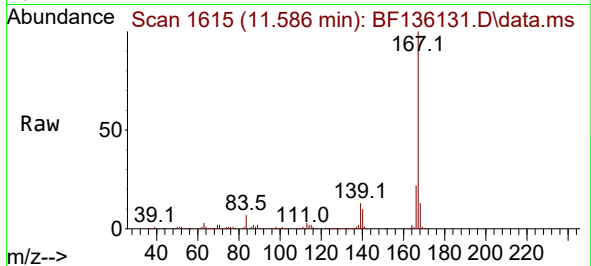




#73
Carbazole
Concen: 48.790 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

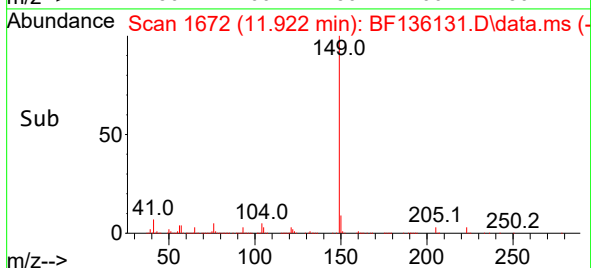
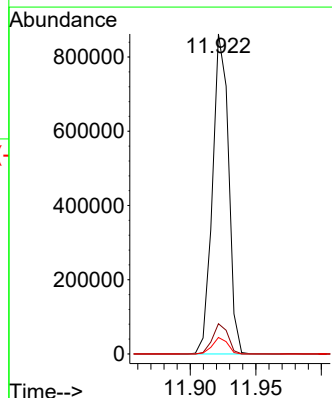
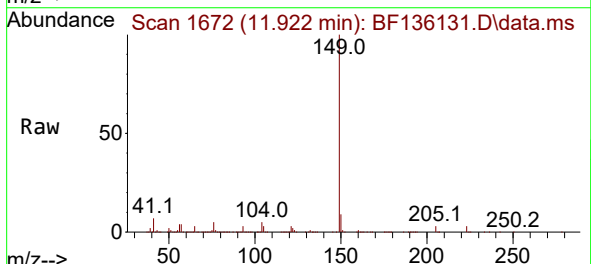
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

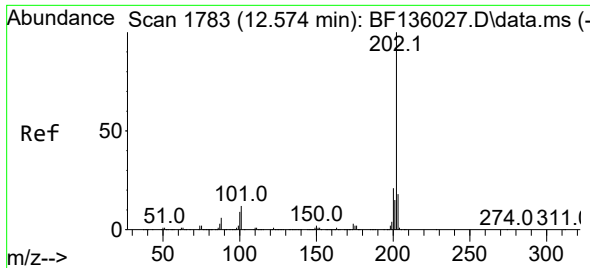
Tgt Ion:167 Resp: 586504
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 53.375 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:149 Resp: 733163
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.2 3.6 5.4

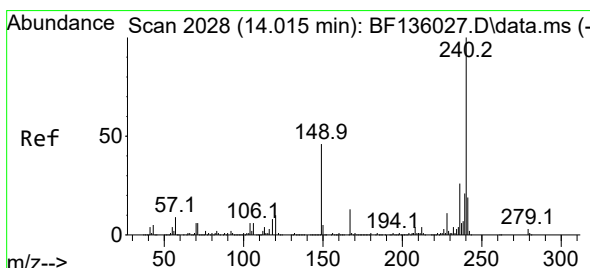
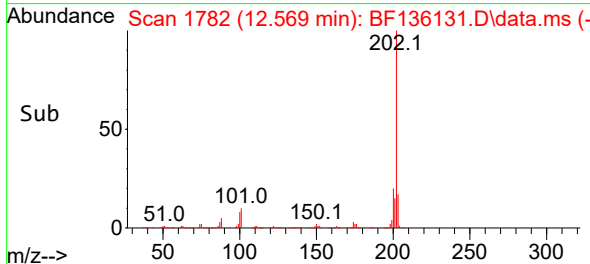
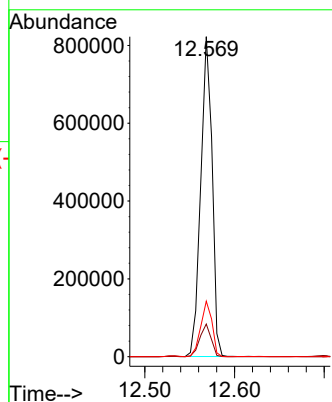
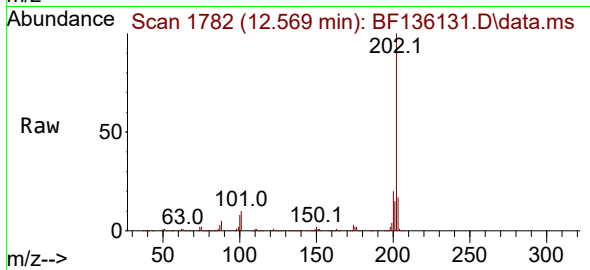




#75
Fluoranthene
Concen: 52.026 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

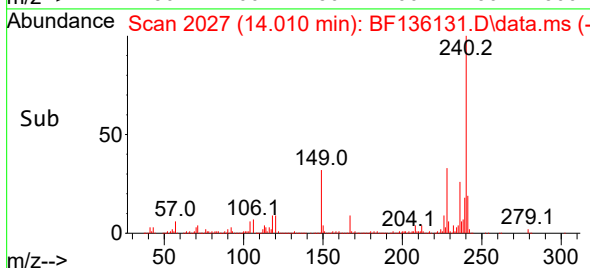
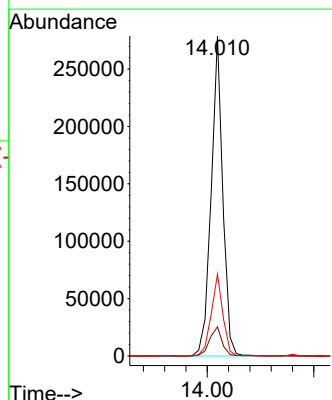
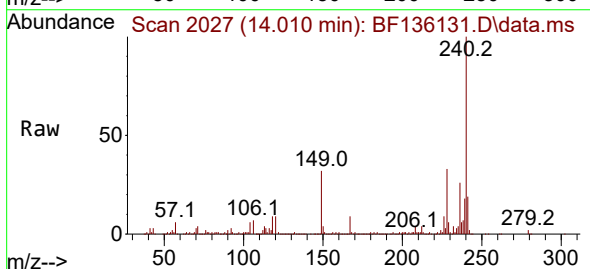
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

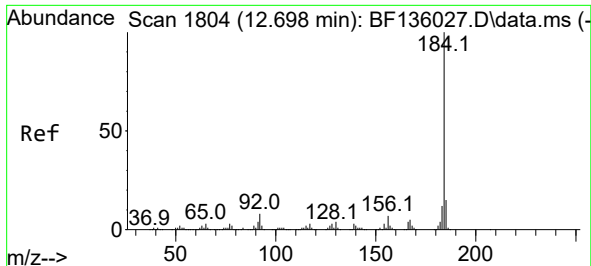
Tgt Ion:202 Resp: 721530
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.8
203 17.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:240 Resp: 211095
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 25.6 20.6 31.0

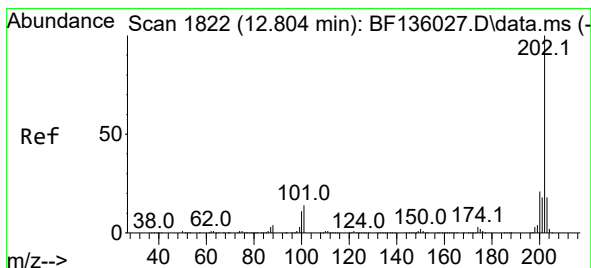
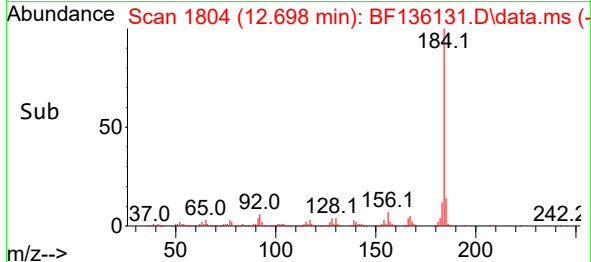
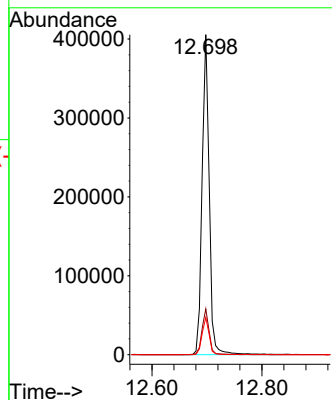
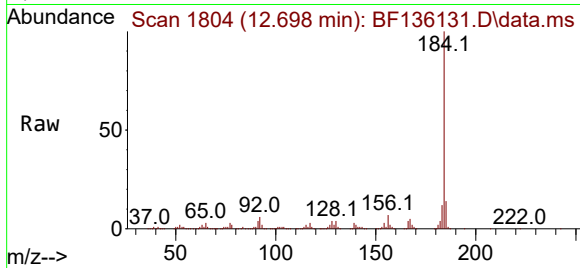




#77
Benzidine
Concen: 89.225 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

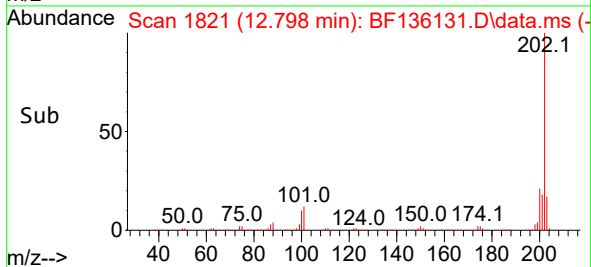
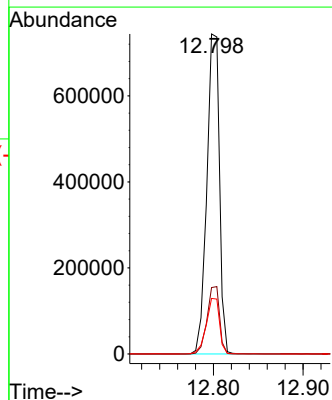
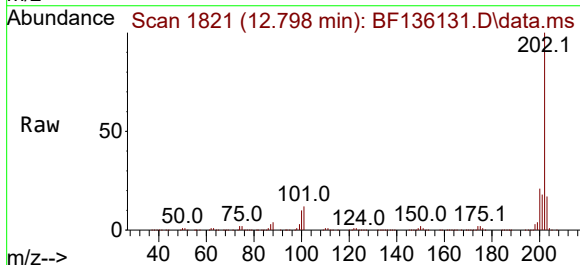
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

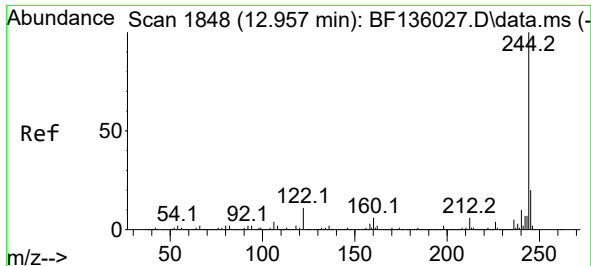
Tgt Ion:184 Resp: 367107
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.6 9.5 14.3



#78
Pyrene
Concen: 39.161 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:202 Resp: 728830
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.4 14.4 21.6

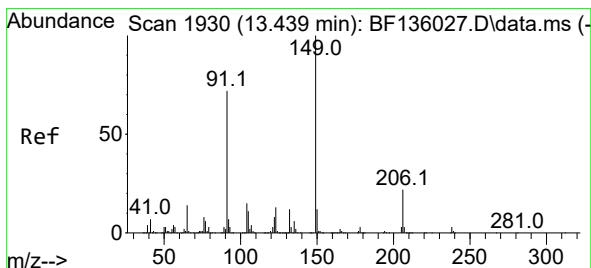
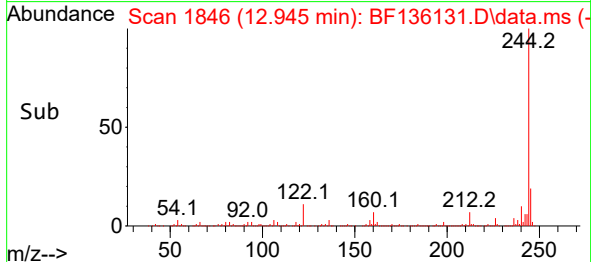
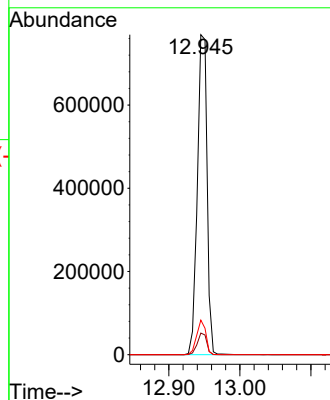
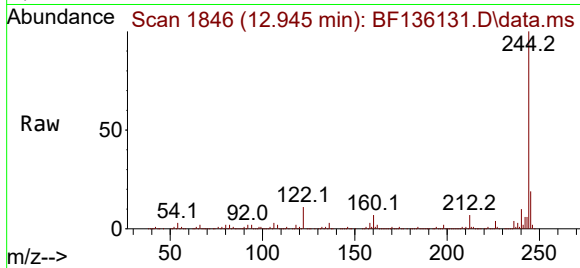




#79
 Terphenyl-d14
 Concen: 53.990 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

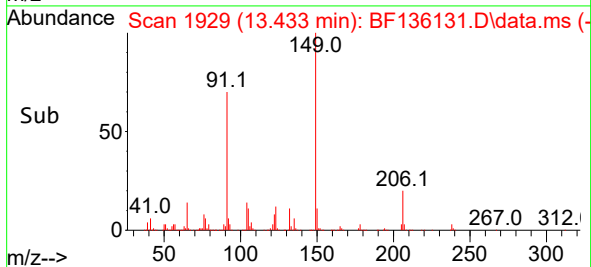
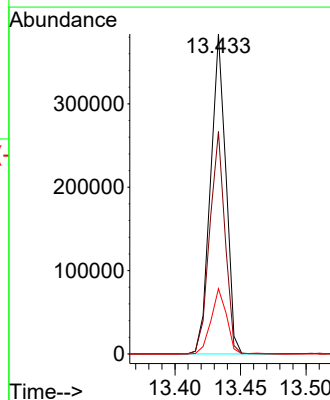
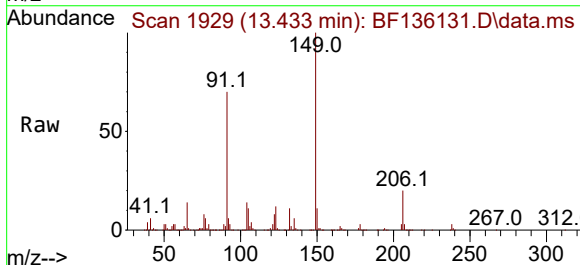
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD

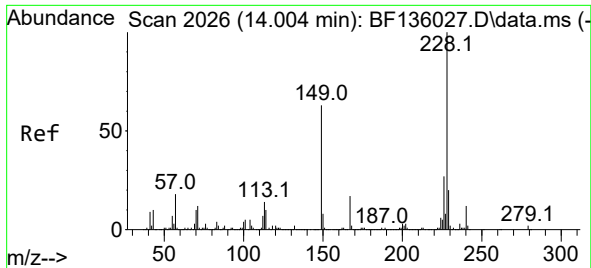
Tgt Ion:244 Resp: 733383
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.8 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 46.859 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

Tgt Ion:149 Resp: 312171
 Ion Ratio Lower Upper
 149 100
 91 69.5 57.6 86.4
 206 20.4 17.4 26.0

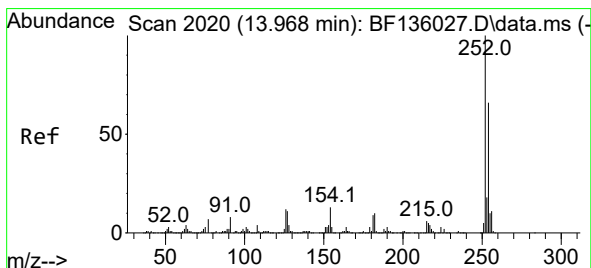
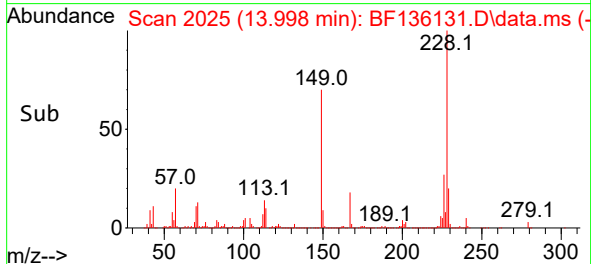
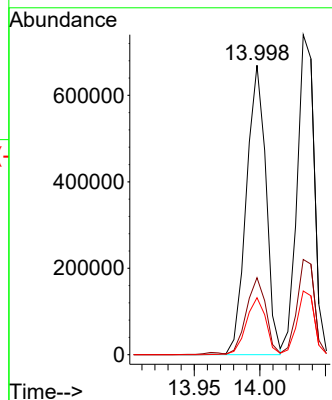
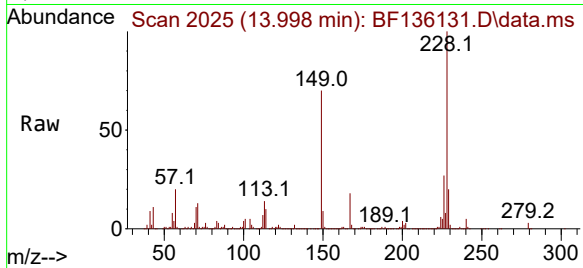




#81
Benzo(a)anthracene
Concen: 49.723 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

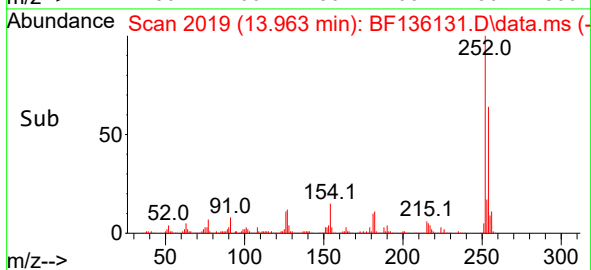
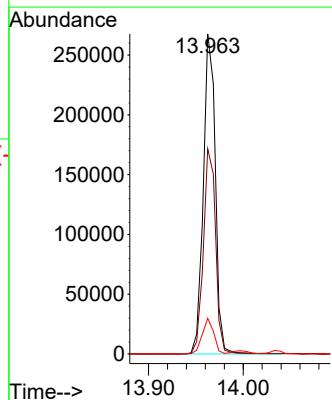
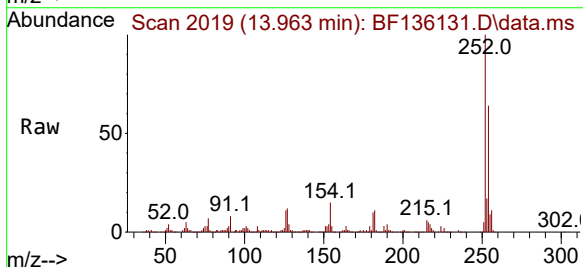
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

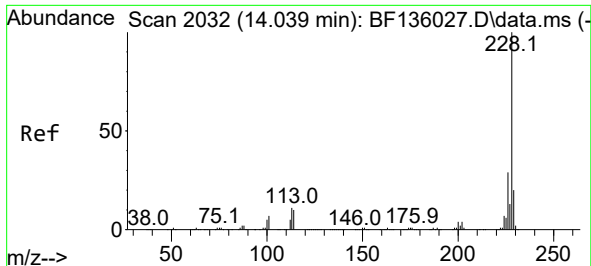
Tgt Ion:228 Resp: 694889
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 53.061 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:252 Resp: 236674
Ion Ratio Lower Upper
252 100
254 64.1 52.5 78.7
126 11.2 9.4 14.2

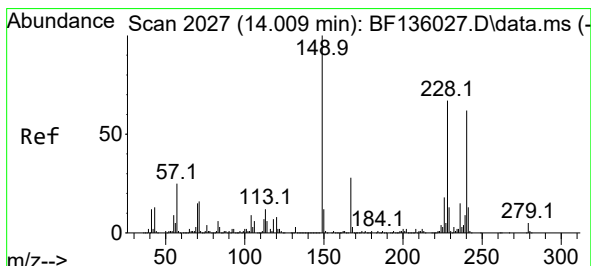
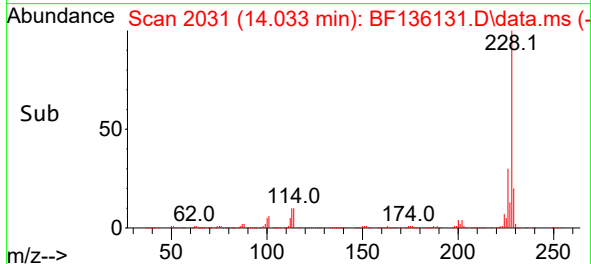
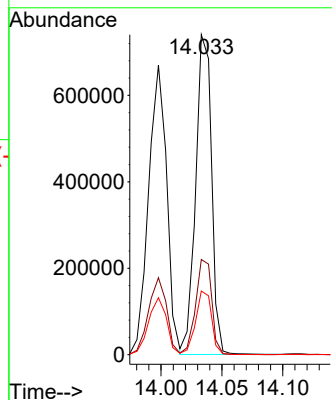
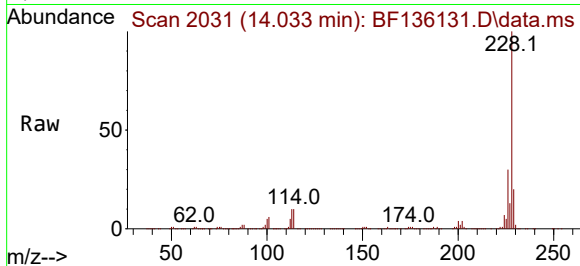




#83
Chrysene
Concen: 48.908 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

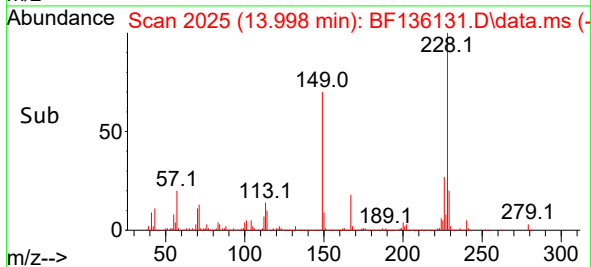
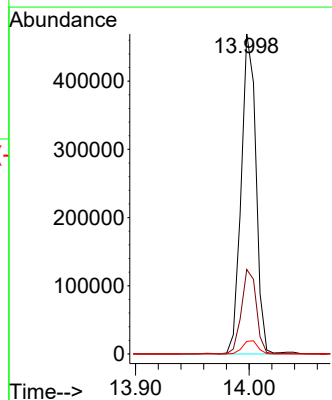
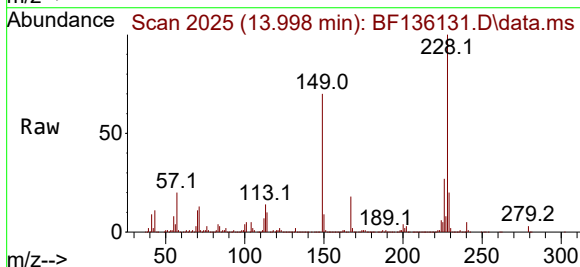
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

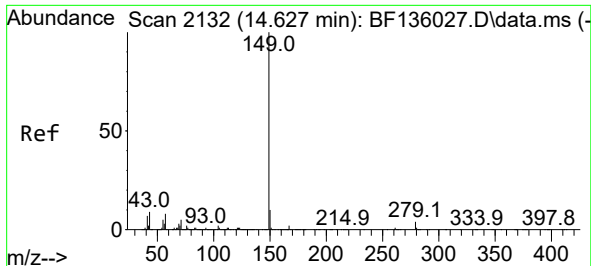
Tgt Ion:228 Resp: 673118
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.538 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:149 Resp: 423298
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 4.0 4.1 6.1#

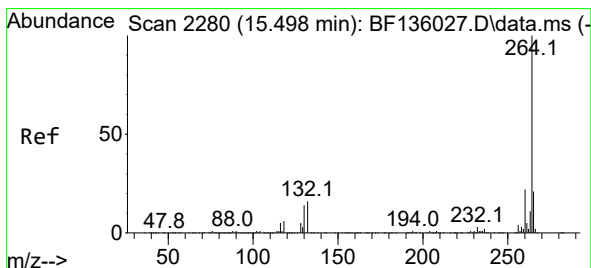
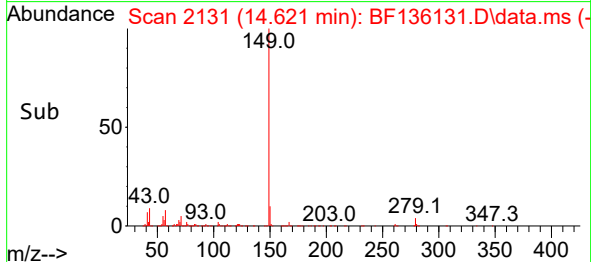
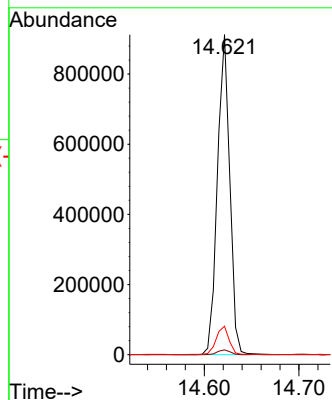
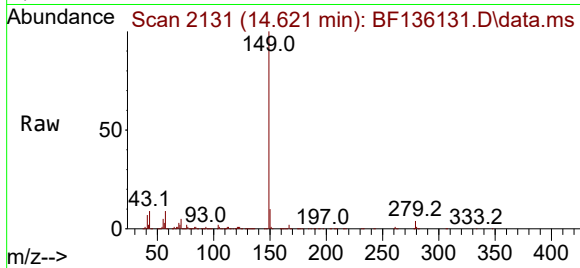




#85
Di-n-octyl phthalate
Concen: 71.218 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

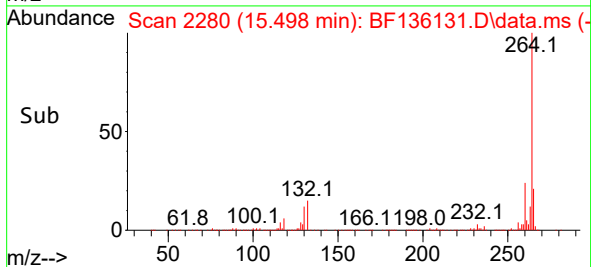
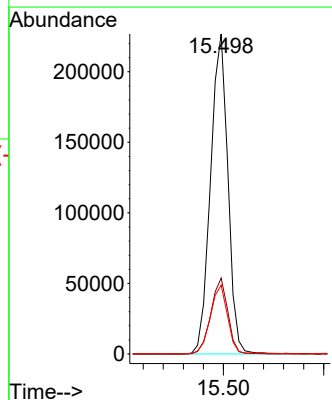
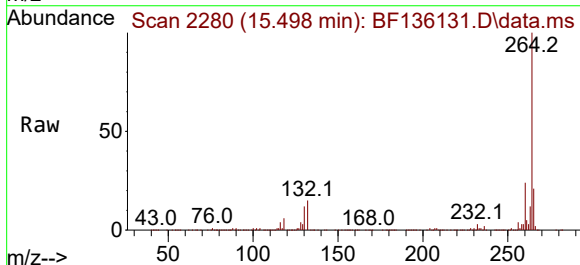
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

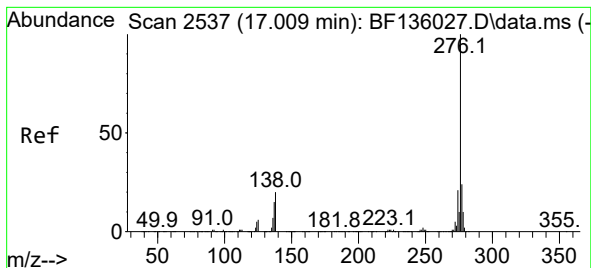
Tgt Ion:149 Resp: 828066
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:264 Resp: 271987
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.159 ng

RT: 17.015 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

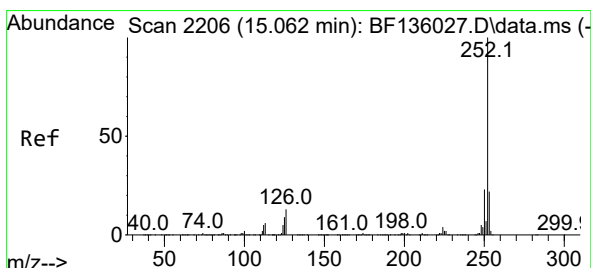
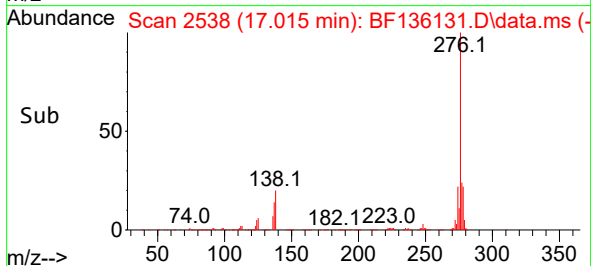
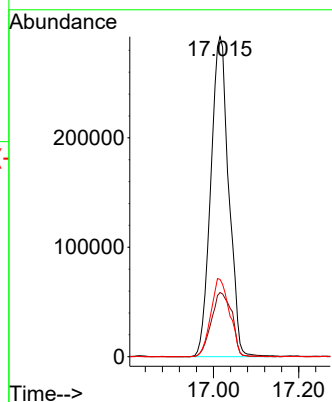
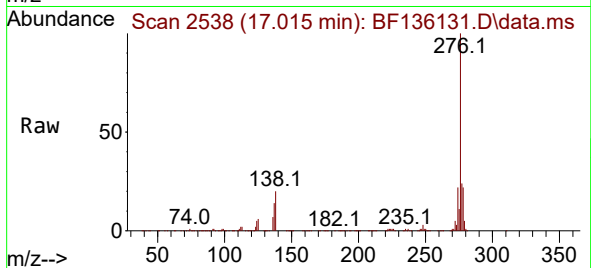
Tgt Ion:276 Resp: 856077

Ion Ratio Lower Upper

276 100

138 23.0 20.4 30.6

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.804 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

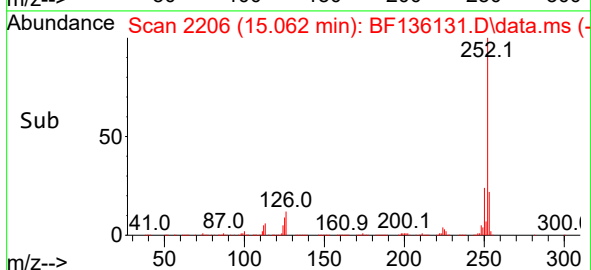
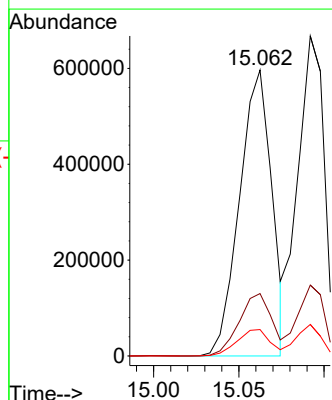
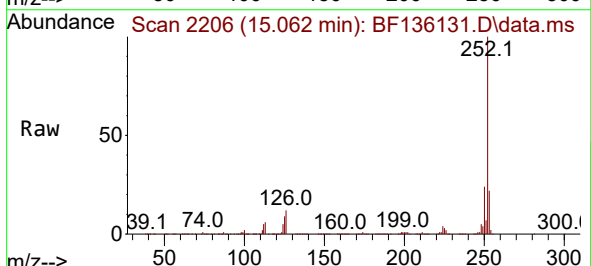
Tgt Ion:252 Resp: 785447

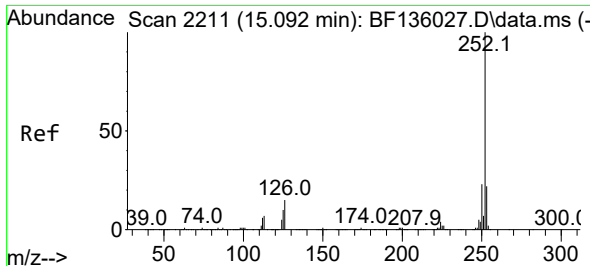
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.2 7.5 11.3

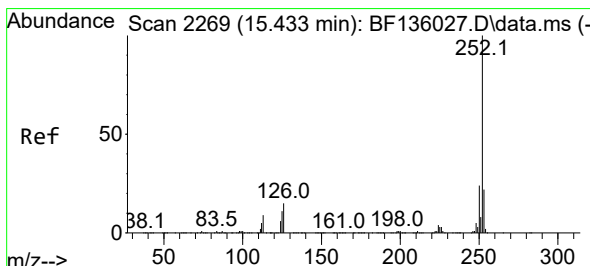
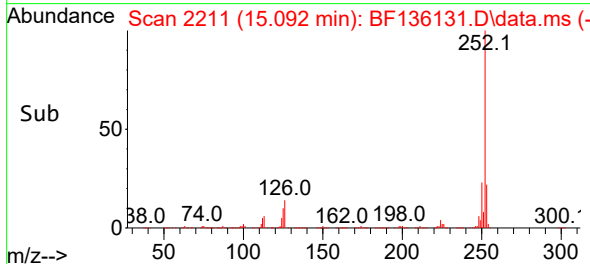
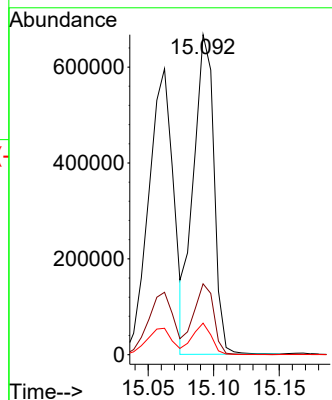
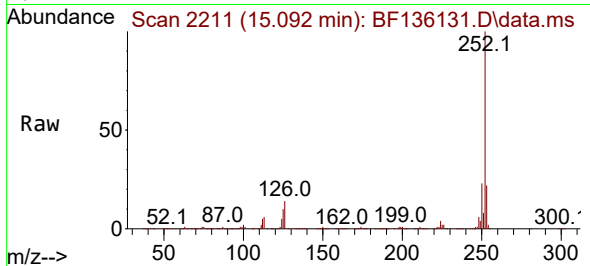




#89
Benzo(k)fluoranthene
Concen: 45.583 ng
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

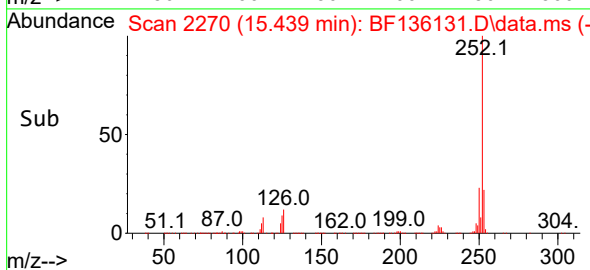
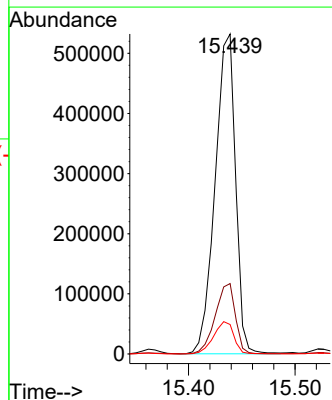
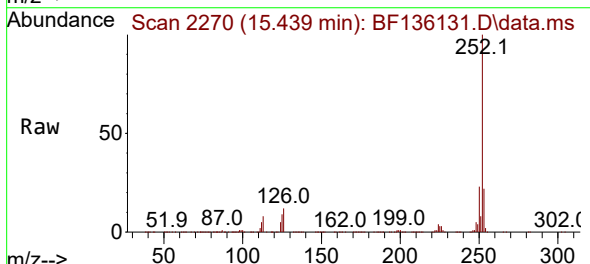
Instrument :
BNA_F
ClientSampleId :
PE-5MSD

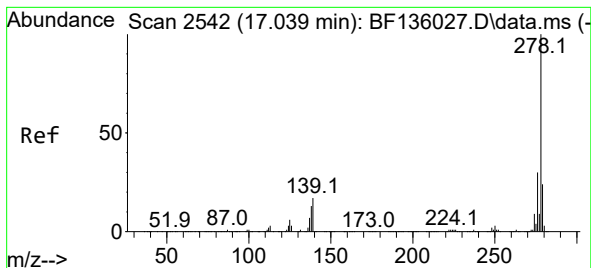
Tgt Ion:252 Resp: 725872
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 47.307 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:252 Resp: 707415
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 48.759 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

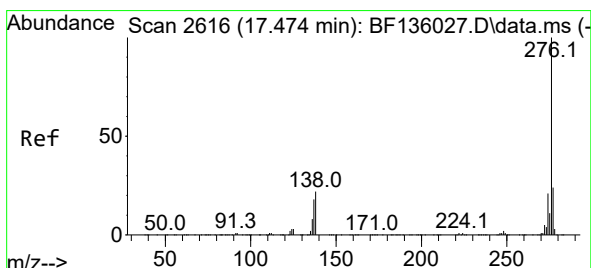
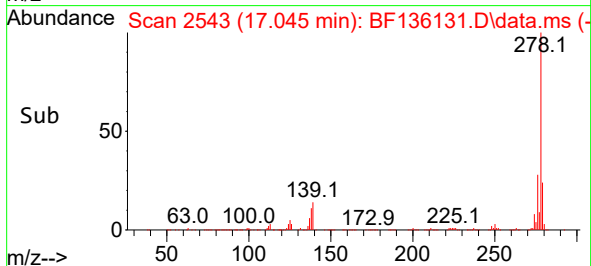
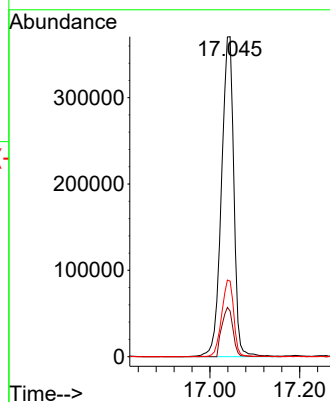
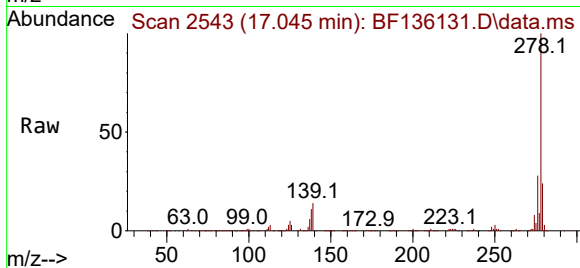
Tgt Ion:278 Resp: 709973

Ion Ratio Lower Upper

278 100

139 14.2 13.7 20.5

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.945 ng

RT: 17.474 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion:276 Resp: 653630

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 20.4 17.4 26.2

