

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138225.D
 Acq On : 18 Jun 2024 15:30
 Operator : CG\JU
 Sample : P2918-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLEMSD

Quant Time: Jun 18 15:55:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	377886	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1498417	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	764231	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1068036	20.000	ng	0.00
76) Chrysene-d12	14.051	240	651344	20.000	ng	0.00
86) Perylene-d12	15.521	264	576233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2284563	101.133	ng	0.01
7) Phenol-d6	6.528	99	2930446	102.304	ng	0.00
23) Nitrobenzene-d5	7.463	82	1814018	70.478	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	694384	91.269	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3225771	67.119	ng	0.00
79) Terphenyl-d14	12.992	244	2485674	60.443	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	389290	37.657	ng	98
3) Pyridine	3.528	79	1049687	42.723	ng	99
4) n-Nitrosodimethylamine	3.481	42	535301	47.076	ng	94
6) Aniline	6.557	93	1210319	43.183	ng	99
8) 2-Chlorophenol	6.681	128	1254007	51.347	ng	98
9) Benzaldehyde	6.439	77	360489	23.695	ng	97
10) Phenol	6.540	94	1526409	52.509	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	1178570	50.657	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1252043	45.110	ng	98
13) 1,4-Dichlorobenzene	6.910	146	1277508	45.737	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1233660	47.049	ng	100
15) Benzyl Alcohol	7.039	79	1029138	53.285	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1573462	47.920	ng	98
17) 2-Methylphenol	7.145	107	974866	50.593	ng	99
18) Hexachloroethane	7.404	117	449413	47.493	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	846505	49.855	ng	98
20) 3+4-Methylphenols	7.298	107	1138322	46.936	ng	91
22) Acetophenone	7.304	105	1448837	42.327	ng	# 91
24) Nitrobenzene	7.481	77	1235433	46.441	ng	94
25) Isophorone	7.716	82	2338964	50.240	ng	99
26) 2-Nitrophenol	7.792	139	660532	61.749	ng	97
27) 2,4-Dimethylphenol	7.828	122	856824	52.649	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1464217	50.242	ng	100
29) 2,4-Dichlorophenol	8.034	162	1017017	48.539	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	1112326	45.016	ng	98
31) Naphthalene	8.198	128	3285609	44.344	ng	99
32) Benzoic acid	7.951	122	566128	39.469	ng	98
33) 4-Chloroaniline	8.245	127	571966	20.654	ng	97
34) Hexachlorobutadiene	8.316	225	643360	44.519	ng	99
35) Caprolactam	8.628	113	240338	37.995	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	1017663	48.782	ng	99
37) 2-Methylnaphthalene	8.886	142	2214683	45.544	ng	99
38) 1-Methylnaphthalene	8.986	142	2055201	43.129	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1009350	45.197	ng	99
41) Hexachlorocyclopentadiene	9.039	237	635232	87.235	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	719442	51.450	ng	99

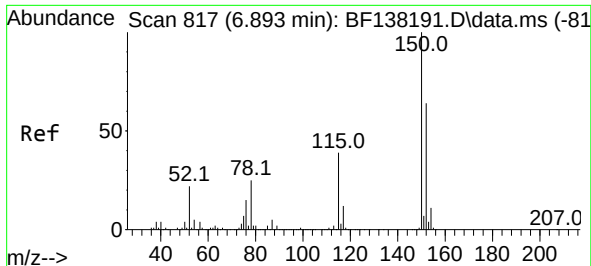
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 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	732377	47.693	ng	98
46) 1,1'-Biphenyl	9.351	154	2528777	45.094	ng	100
47) 2-Chloronaphthalene	9.380	162	2071232	46.735	ng	99
48) 2-Nitroaniline	9.475	65	586272	54.929	ng	91
49) Acenaphthylene	9.792	152	3068431	49.375	ng	99
50) Dimethylphthalate	9.657	163	2500400	53.399	ng	99
51) 2,6-Dinitrotoluene	9.716	165	551916	54.332	ng	92
52) Acenaphthene	9.963	154	1996437	47.111	ng	100
53) 3-Nitroaniline	9.880	138	410516	37.829	ng	99
54) 2,4-Dinitrophenol	9.986	184	307714	64.587	ng	95
55) Dibenzofuran	10.139	168	2696104	45.511	ng	99
56) 4-Nitrophenol	10.039	139	667745	77.864	ng	97
57) 2,4-Dinitrotoluene	10.116	165	663416	52.950	ng	# 90
58) Fluorene	10.480	166	1966475	42.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	541201	45.096	ng	99
60) Diethylphthalate	10.351	149	2353997	52.969	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1065087	45.914	ng	98
62) 4-Nitroaniline	10.498	138	433460	39.977	ng	95
63) Azobenzene	10.633	77	2100290	47.173	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	245286	45.494	ng	87
66) n-Nitrosodiphenylamine	10.592	169	1834017	56.089	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	668213	55.523	ng	97
68) Hexachlorobenzene	11.022	284	707559	50.379	ng	99
69) Atrazine	11.116	200	558641	59.982	ng	99
70) Pentachlorophenol	11.216	266	679918	83.008	ng	97
71) Phenanthrene	11.439	178	2529027	47.882	ng	100
72) Anthracene	11.492	178	2547180	48.572	ng	100
73) Carbazole	11.645	167	2091243	43.479	ng	99
74) Di-n-butylphthalate	11.974	149	3011452	60.479	ng	100
75) Fluoranthene	12.621	202	2360409	43.825	ng	98
77) Benzidine	12.745	184	985677	130.832	ng	98
78) Pyrene	12.851	202	2381204	42.384	ng	99
80) Butylbenzylphthalate	13.468	149	1038956	67.985	ng	94
81) Benzo(a)anthracene	14.039	228	2113273	50.572	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	637183	55.372	ng	99
83) Chrysene	14.074	228	2053946	51.567	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1484626	83.528	ng	98
85) Di-n-octyl phthalate	14.645	149	2560326	96.963	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1677658	44.660	ng	99
88) Benzo(b)fluoranthene	15.092	252	1897934	55.852	ng	100
89) Benzo(k)fluoranthene	15.121	252	1787264	53.667	ng	100
90) Benzo(a)pyrene	15.457	252	1604731	54.969	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1389777	45.074	ng	100
92) Benzo(g,h,i)perylene	17.445	276	1260235	39.509	ng	98

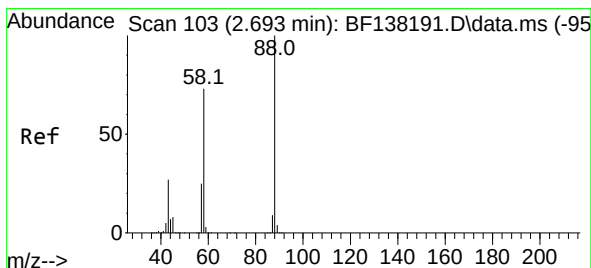
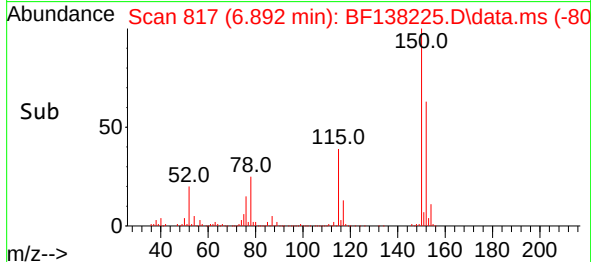
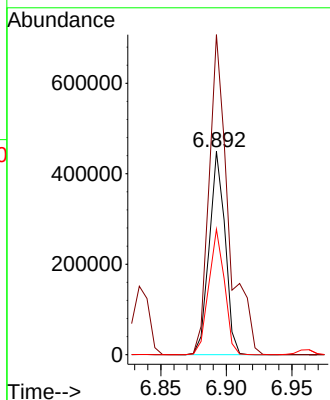
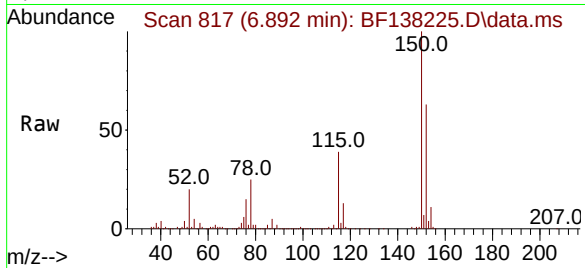
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138225.D
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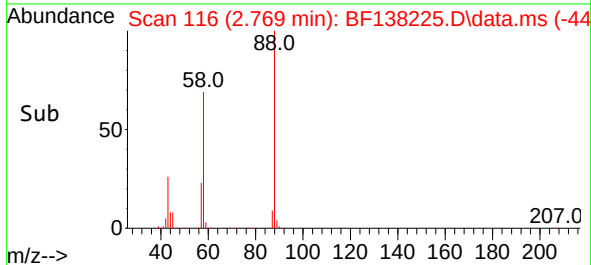
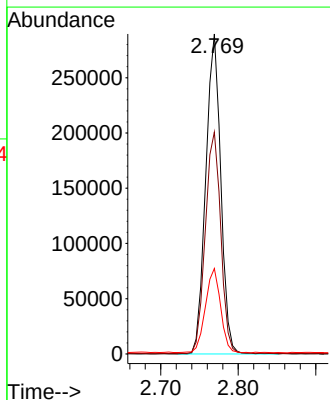
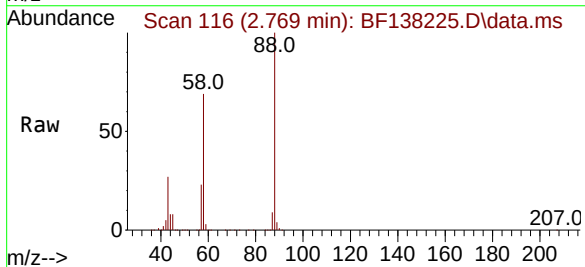
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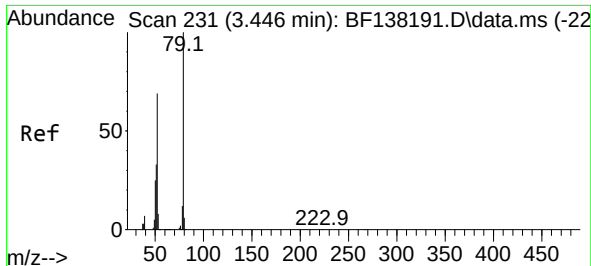
Tgt Ion:152 Resp: 377886
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.0 187.4
 115 61.7 48.4 72.6



#2
 1,4-Dioxane
 Concen: 37.657 ng
 RT: 2.769 min Scan# 116
 Delta R.T. 0.076 min
 Lab File: BF138225.D
 Acq: 18 Jun 2024 15:30

Tgt Ion: 88 Resp: 389290
 Ion Ratio Lower Upper
 88 100
 58 71.2 58.6 87.8
 43 26.7 22.4 33.6

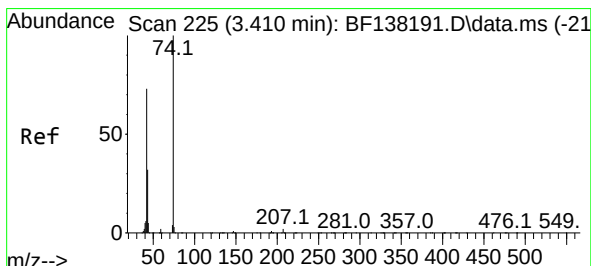
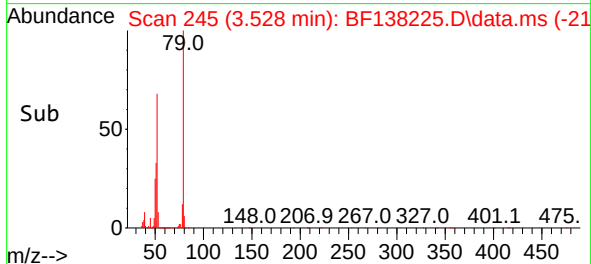
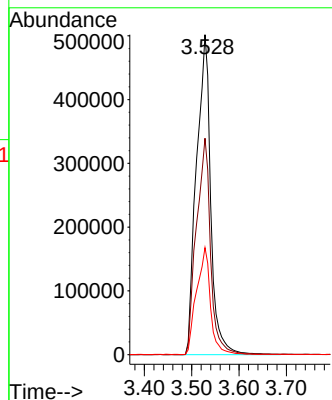
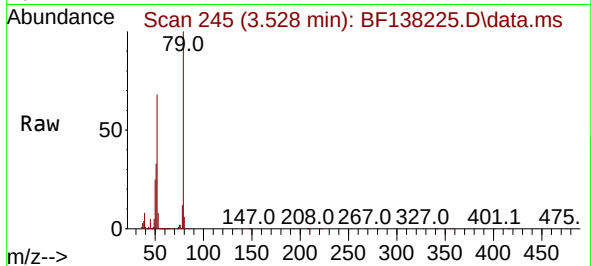




#3
Pyridine
Concen: 42.723 ng
RT: 3.528 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

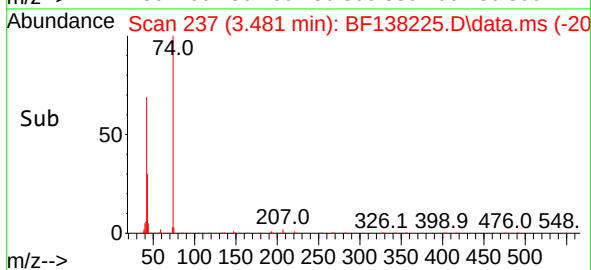
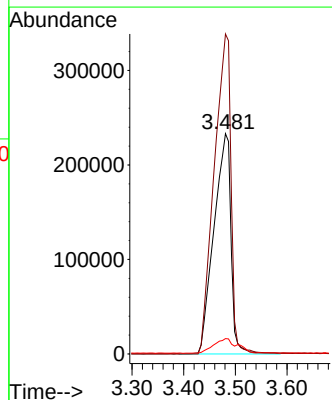
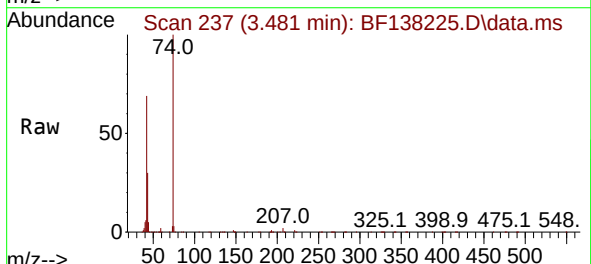
Instrument :
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ClientSampleId :
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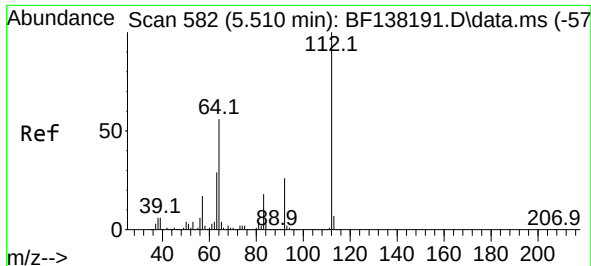
Tgt Ion: 79 Resp: 1049687
Ion Ratio Lower Upper
79 100
52 67.7 55.0 82.4
51 33.4 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 47.076 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.070 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion: 42 Resp: 535301
Ion Ratio Lower Upper
42 100
74 145.3 109.9 164.9
44 7.0 5.2 7.8

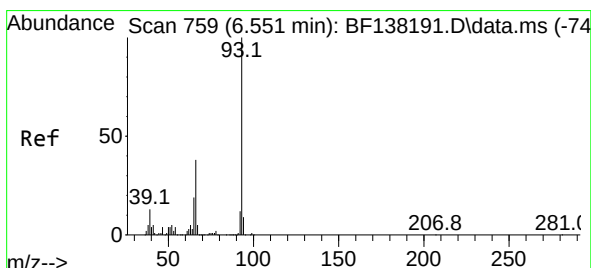
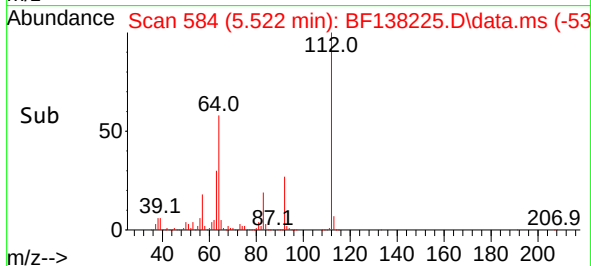
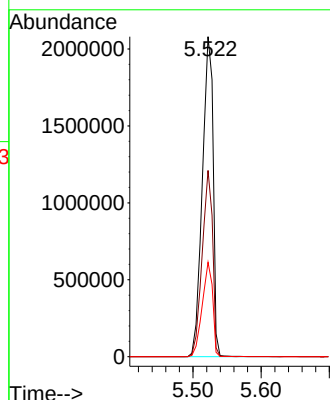
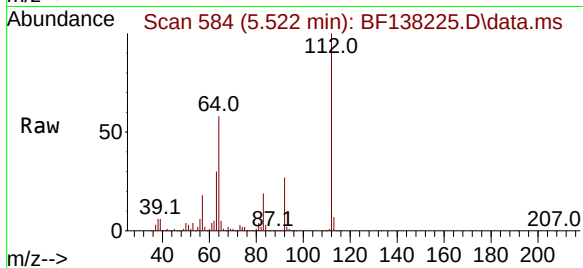




#5
2-Fluorophenol
Concen: 101.133 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

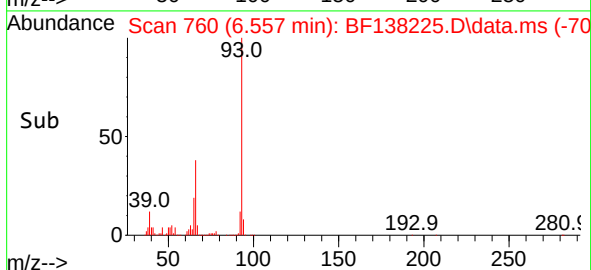
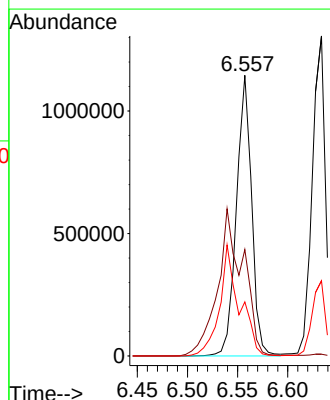
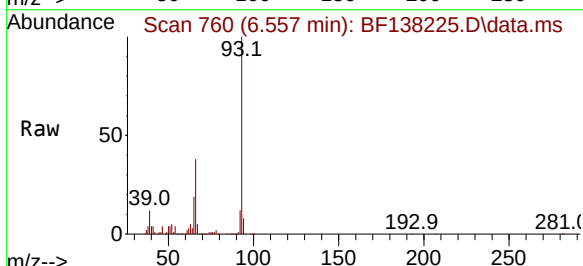
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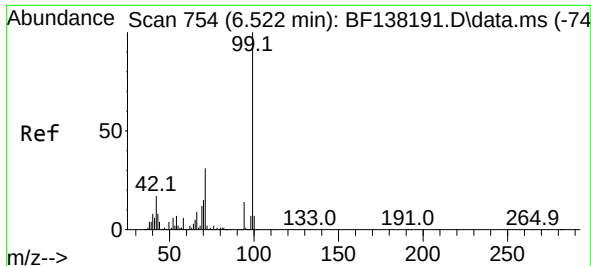
Tgt Ion:112 Resp: 2284563
Ion Ratio Lower Upper
112 100
64 58.2 45.2 67.8
63 29.5 22.9 34.3



#6
Aniline
Concen: 43.183 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion: 93 Resp: 1210319
Ion Ratio Lower Upper
93 100
66 37.9 30.8 46.2
65 19.3 15.5 23.3

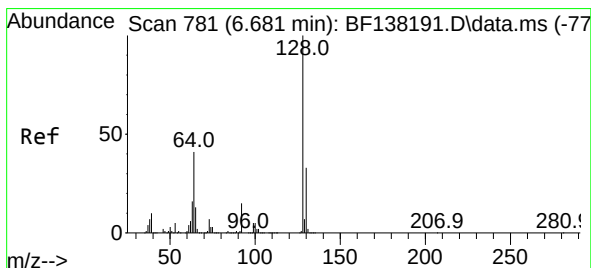
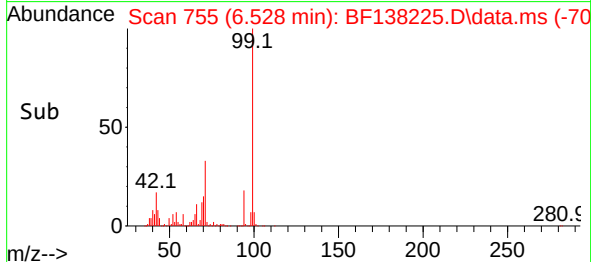
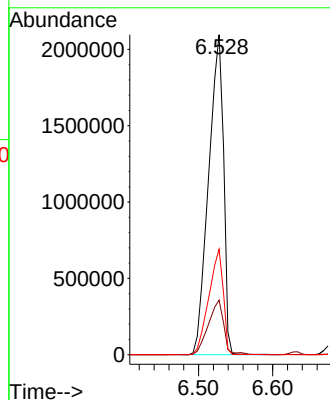
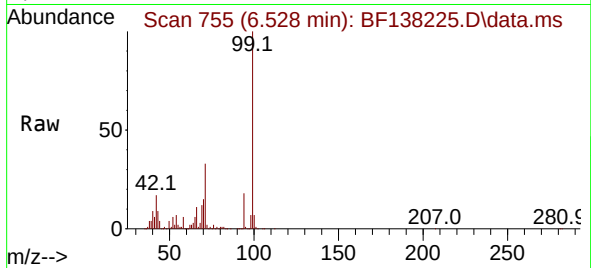




#7
Phenol-d6
Concen: 102.304 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

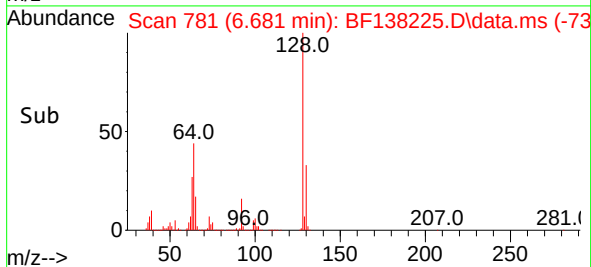
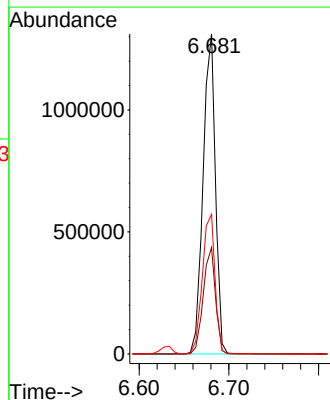
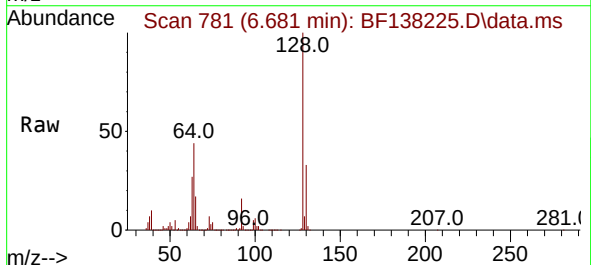
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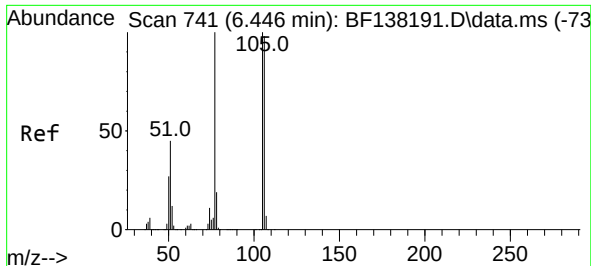
Tgt Ion: 99 Resp: 2930446
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 32.9 25.0 37.6



#8
2-Chlorophenol
Concen: 51.347 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:128 Resp: 1254007
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 43.7 21.8 61.8

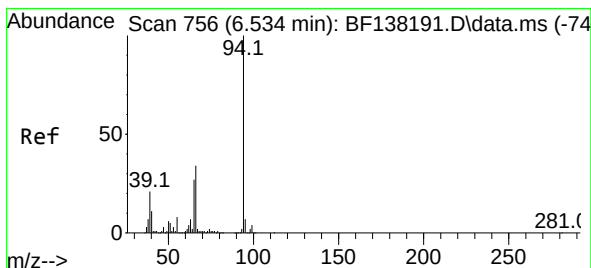
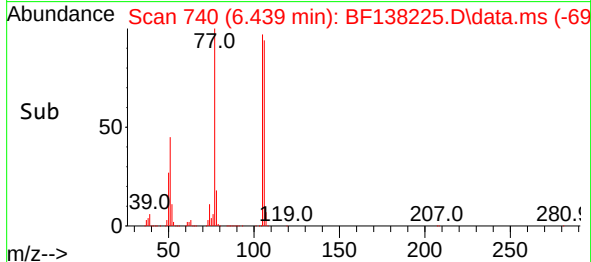
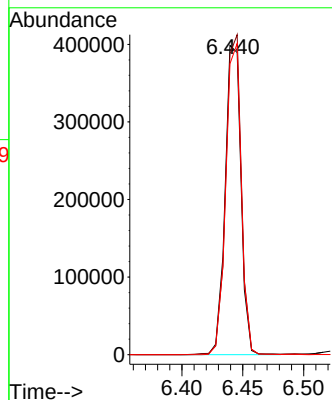
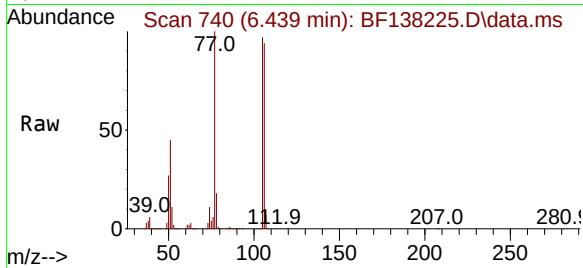




#9
Benzaldehyde
Concen: 23.695 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

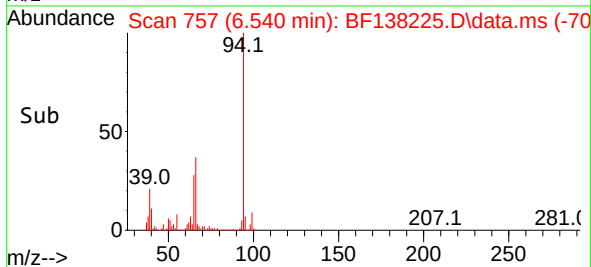
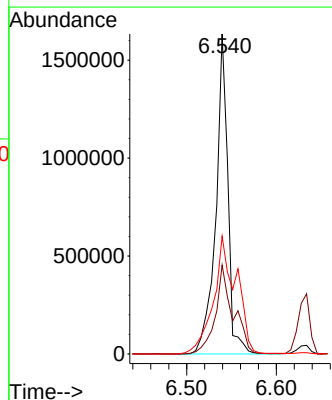
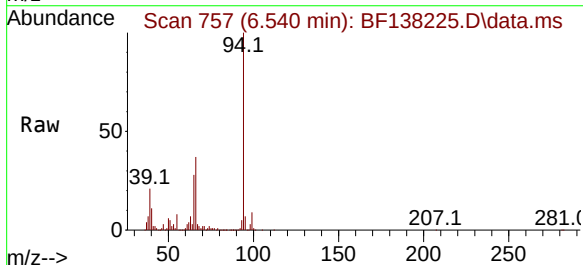
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BNA_F
ClientSampleId :
POLEMSD

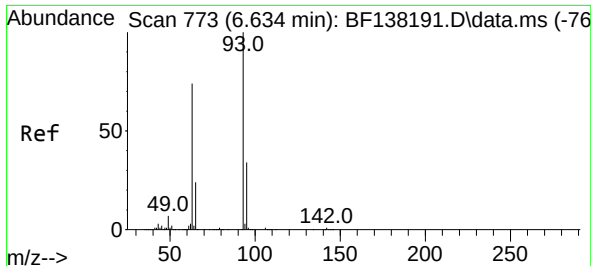
Tgt Ion: 77 Resp: 360489
Ion Ratio Lower Upper
77 100
105 97.3 80.1 120.1
106 94.1 77.8 117.8



#10
Phenol
Concen: 52.509 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion: 94 Resp: 1526409
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 36.8 14.2 54.2

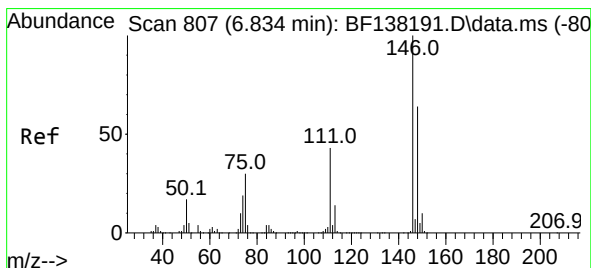
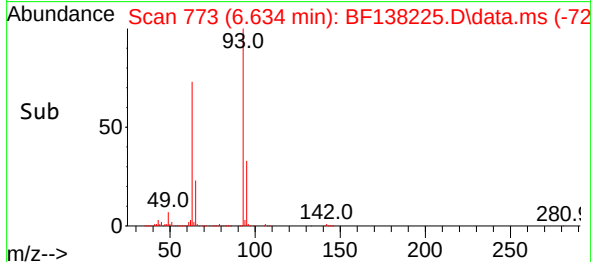
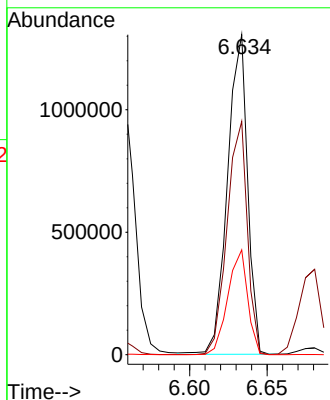
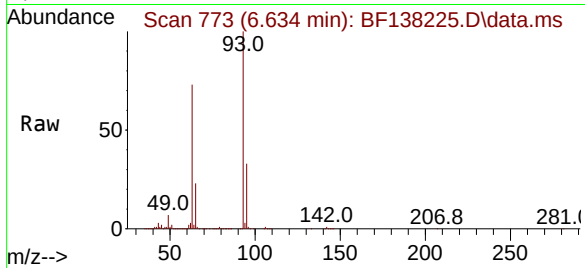




#11
bis(2-Chloroethyl)ether
Concen: 50.657 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

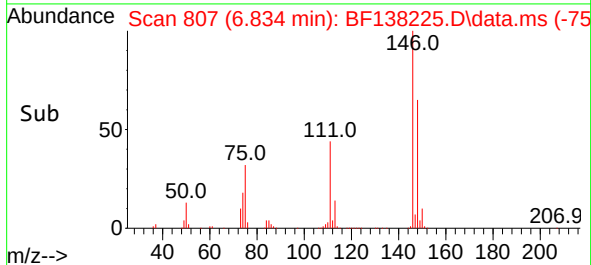
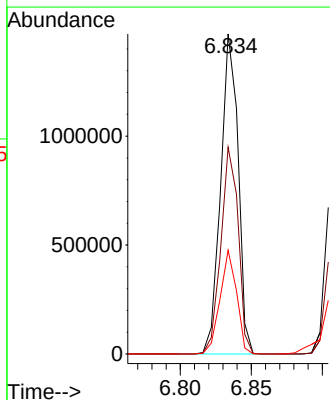
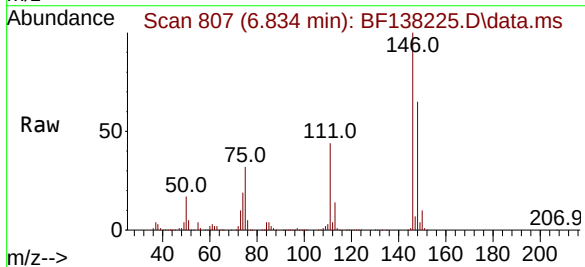
Instrument :
BNA_F
ClientSampleId :
POLEMSD

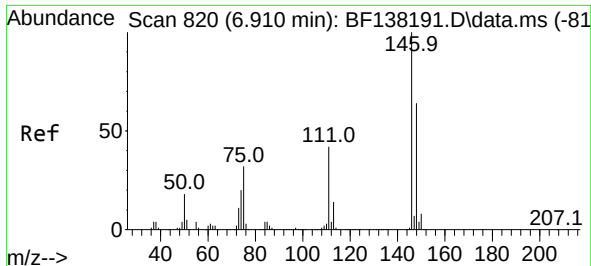
Tgt Ion: 93 Resp: 1178570
Ion Ratio Lower Upper
93 100
63 72.9 52.5 92.5
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.110 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:146 Resp: 1252043
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 32.4 24.3 36.5

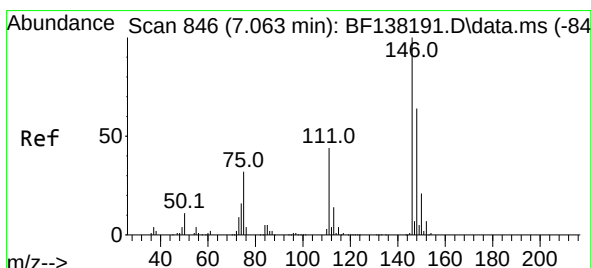
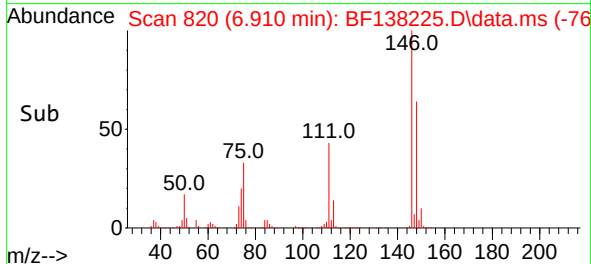
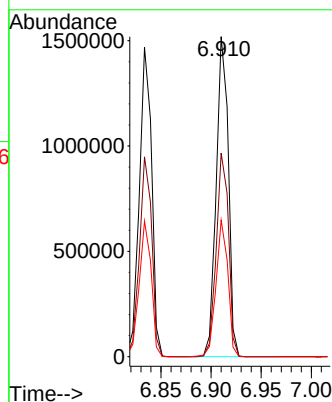
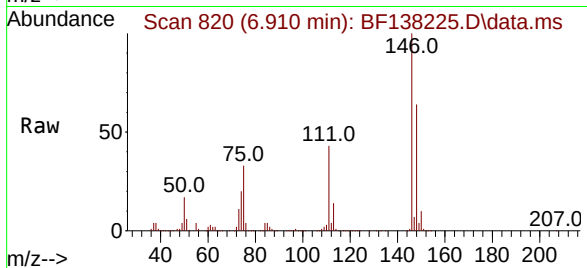




#13
1,4-Dichlorobenzene
Concen: 45.737 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

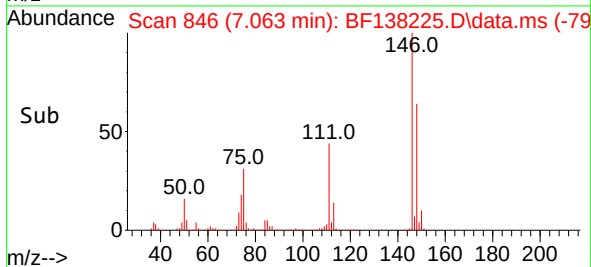
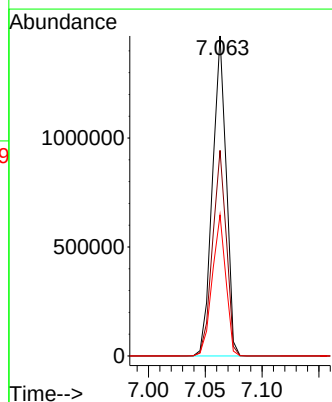
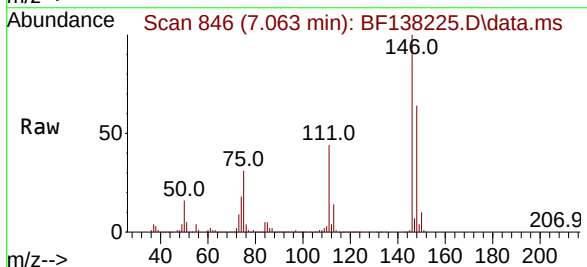
Instrument :
BNA_F
ClientSampleId :
POLEMSD

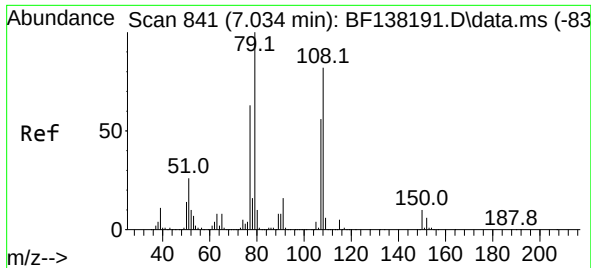
Tgt Ion:146 Resp: 1277508
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 42.7 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 47.049 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:146 Resp: 1233660
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 44.1 35.4 53.2

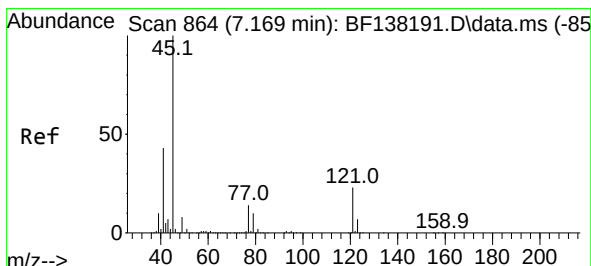
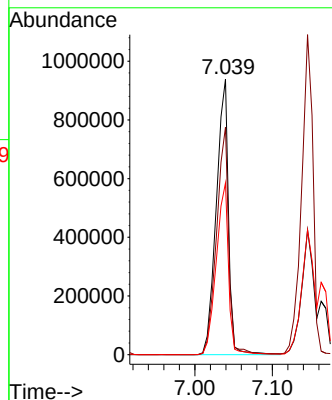
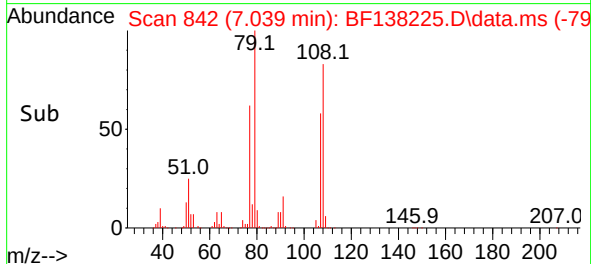
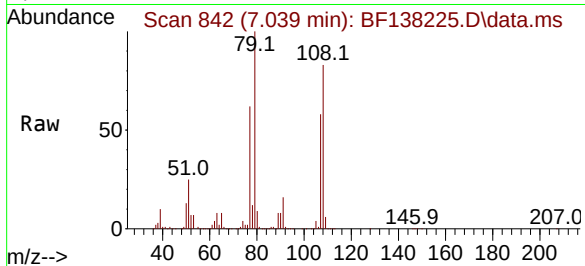




#15
Benzyl Alcohol
Concen: 53.285 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

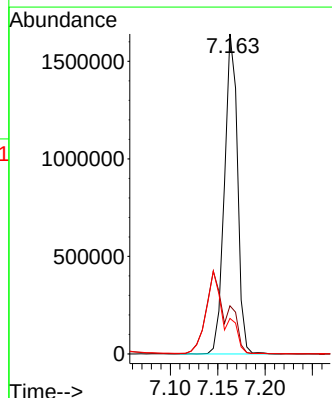
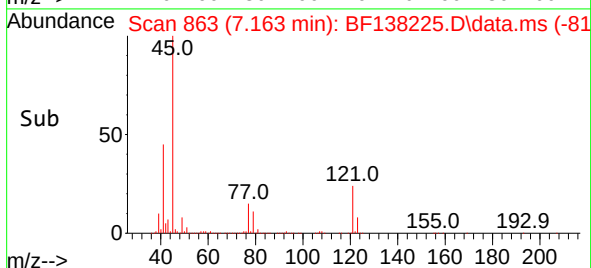
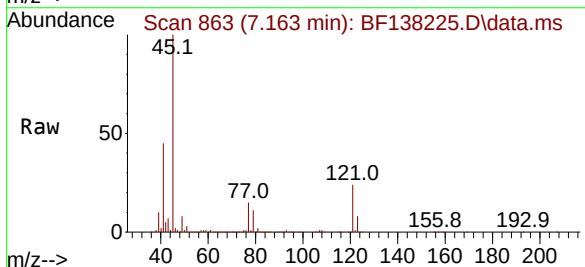
Instrument :
BNA_F
ClientSampleId :
POLEMSD

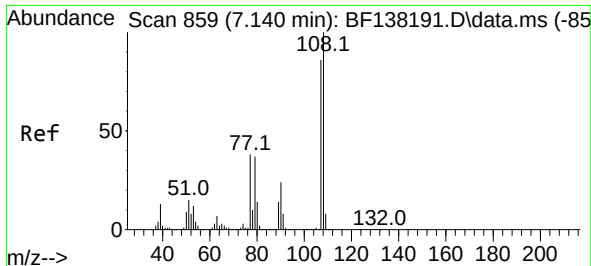
Tgt Ion: 79 Resp: 1029138
Ion Ratio Lower Upper
79 100
108 82.6 65.9 98.9
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.920 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion: 45 Resp: 1573462
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.9
79 11.1 0.0 30.7

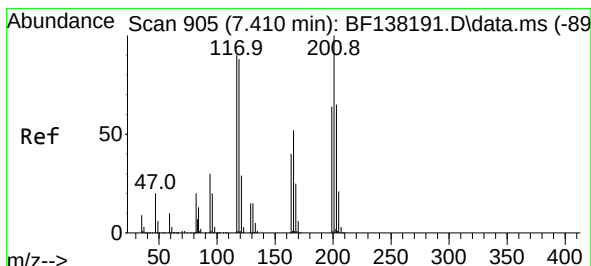
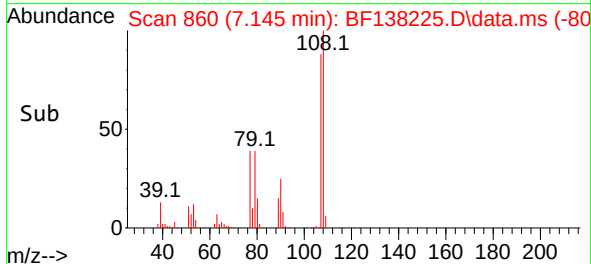
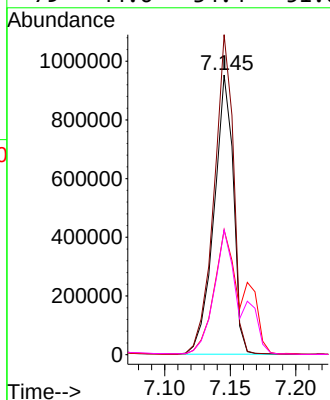
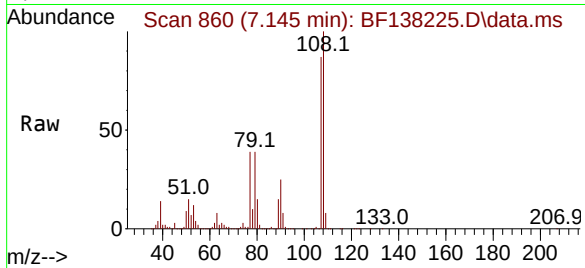




#17
2-Methylphenol
Concen: 50.593 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

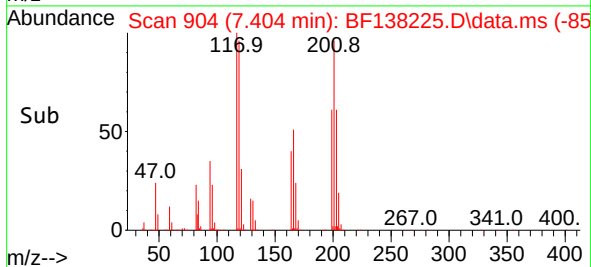
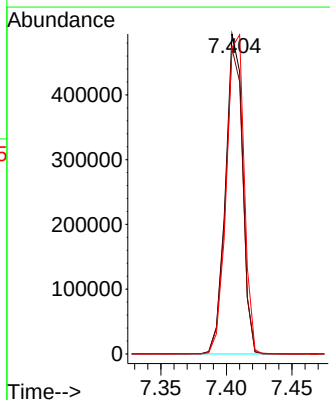
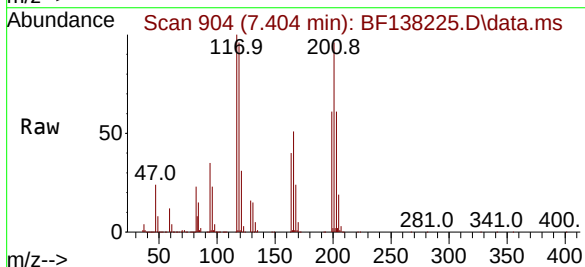
Instrument :
BNA_F
ClientSampleId :
POLEMSD

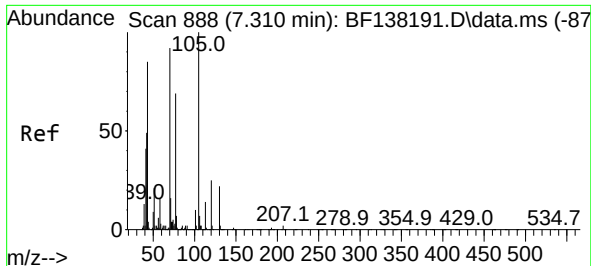
Tgt Ion:107 Resp: 974866
Ion Ratio Lower Upper
107 100
108 114.4 92.7 139.1
77 44.6 35.7 53.5
79 44.6 34.4 51.6



#18
Hexachloroethane
Concen: 47.493 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:117 Resp: 449413
Ion Ratio Lower Upper
117 100
119 95.6 78.4 117.6
201 95.8 89.0 133.6

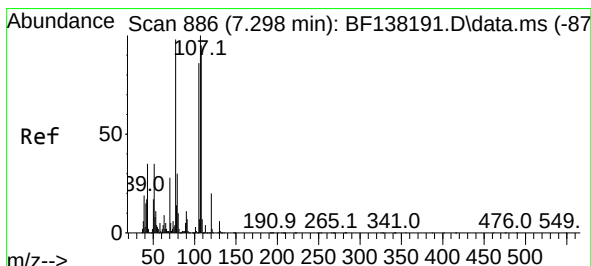
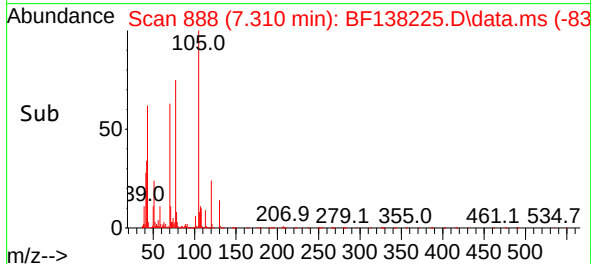
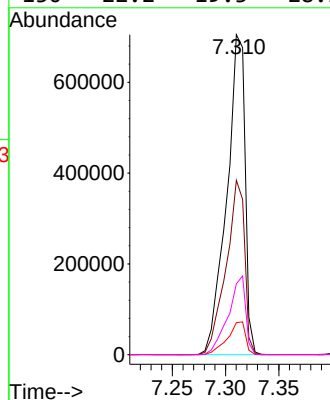
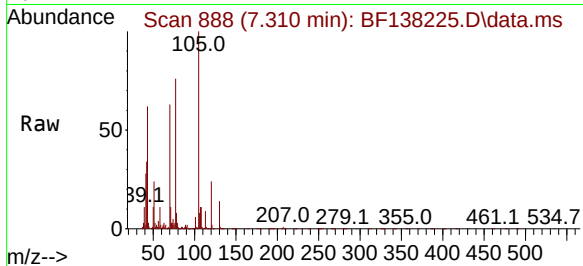




#19
n-Nitroso-di-n-propylamine
Concen: 49.855 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

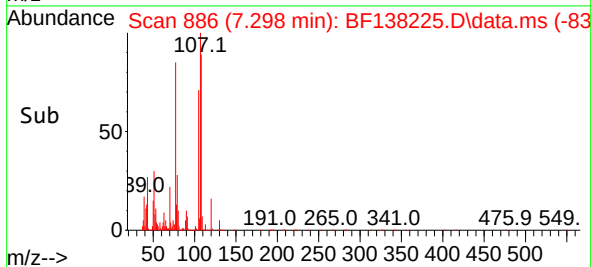
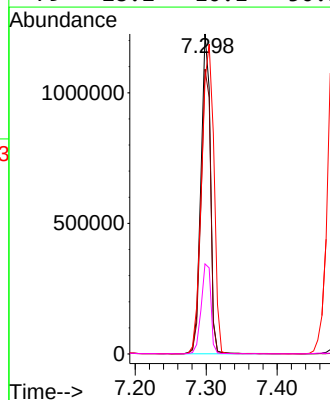
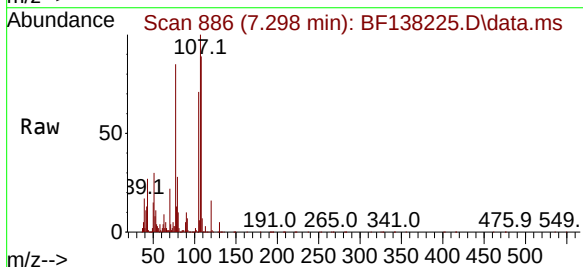
Instrument :
BNA_F
ClientSampleId :
POLEMSD

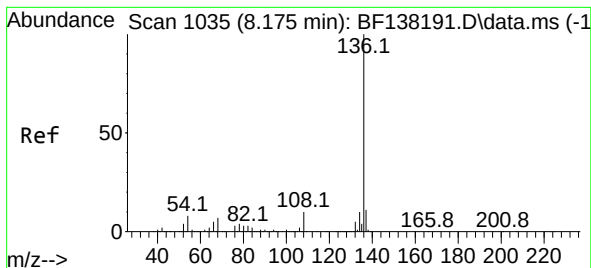
Tgt Ion: 70 Resp: 846505
Ion Ratio Lower Upper
70 100
42 54.5 42.8 64.2
101 10.0 8.4 12.6
130 22.2 19.3 28.9



#20
3+4-Methylphenols
Concen: 46.936 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion: 107 Resp: 1138322
Ion Ratio Lower Upper
107 100
108 89.0 74.9 114.9
77 85.4 78.2 118.2
79 28.2 10.1 50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

Tgt Ion:136 Resp: 1498417

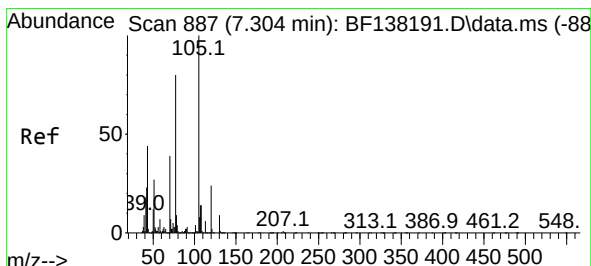
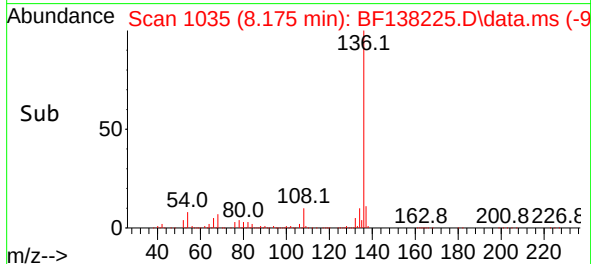
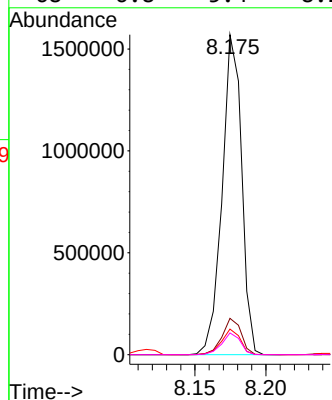
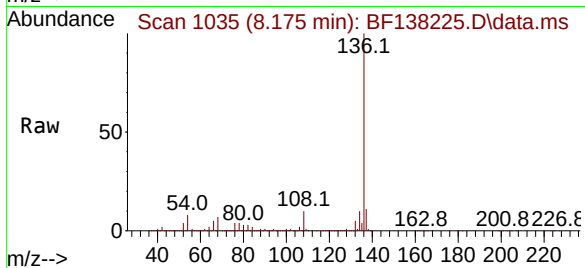
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.0 6.6 10.0

68 6.8 5.4 8.2



#22

Acetophenone

Concen: 42.327 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Tgt Ion:105 Resp: 1448837

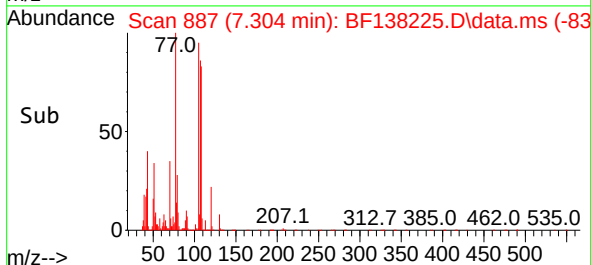
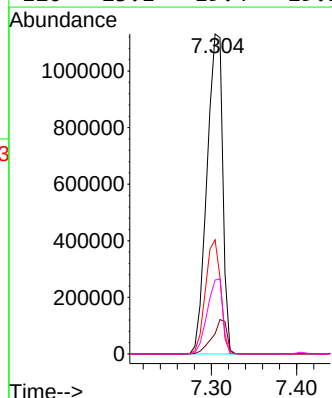
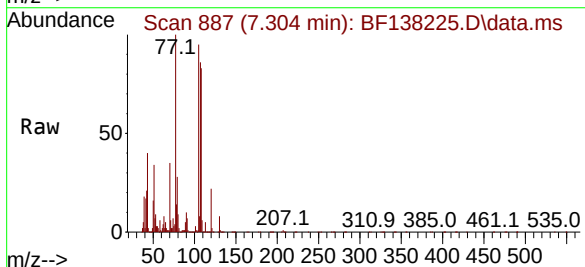
Ion Ratio Lower Upper

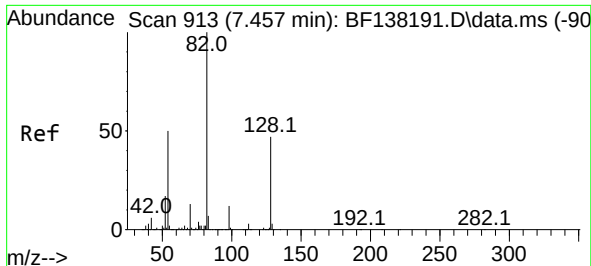
105 100

71 6.3 5.4 8.2

51 35.7 21.4 32.0#

120 23.1 19.4 29.2





#23

Nitrobenzene-d5

Concen: 70.478 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

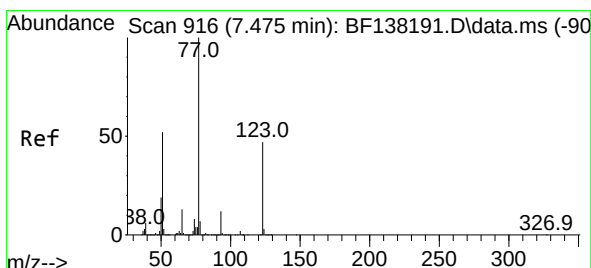
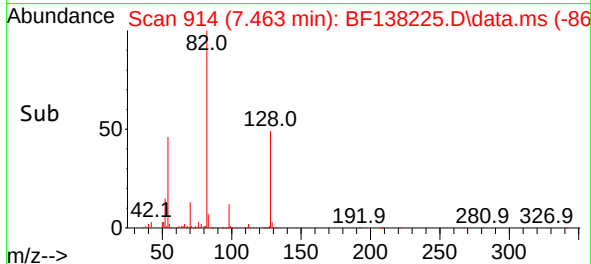
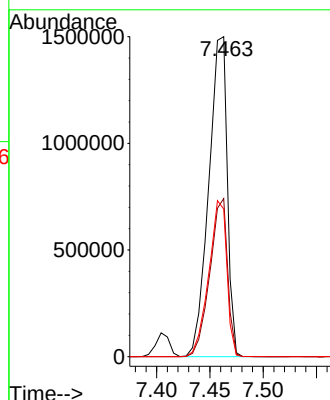
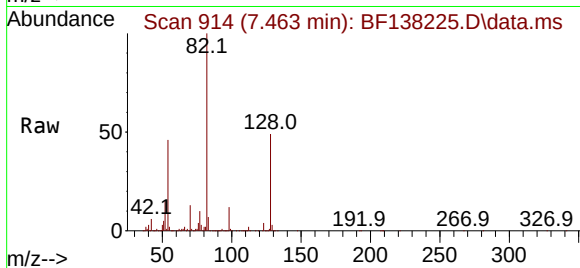
BNA_F

ClientSampleId :

POLEMSD

Tgt Ion: 82 Resp: 1814018

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.2	55.8
54	46.2	39.8	59.6



#24

Nitrobenzene

Concen: 46.441 ng

RT: 7.481 min Scan# 917

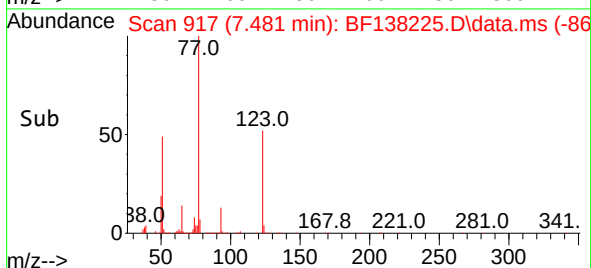
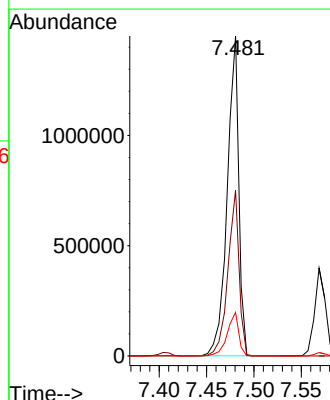
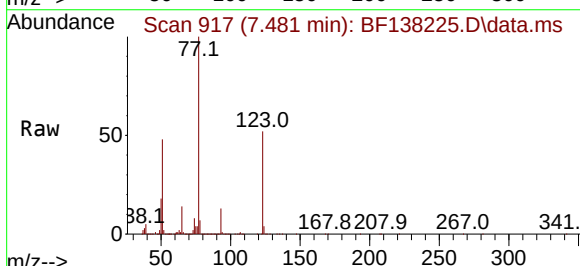
Delta R.T. 0.006 min

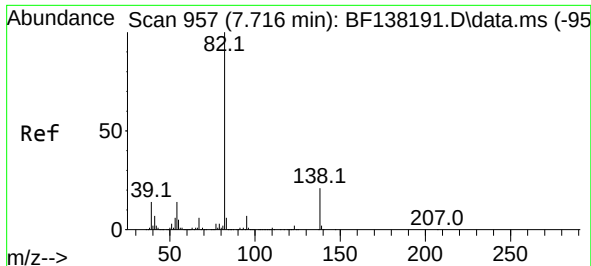
Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Tgt Ion: 77 Resp: 1235433

Ion	Ratio	Lower	Upper
77	100		
123	51.8	37.3	55.9
65	13.6	10.6	15.8

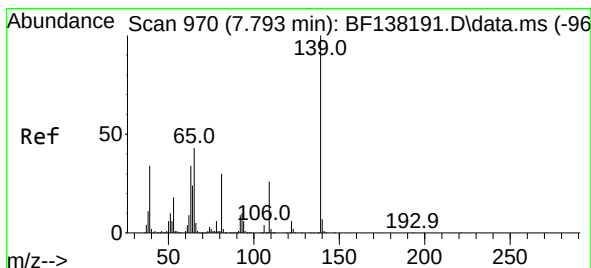
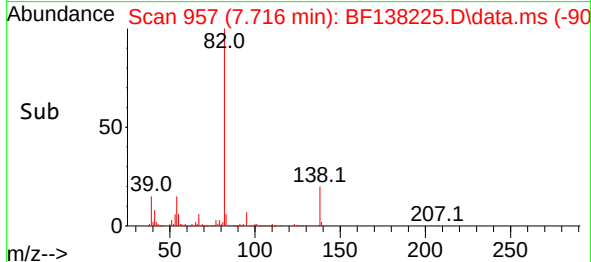
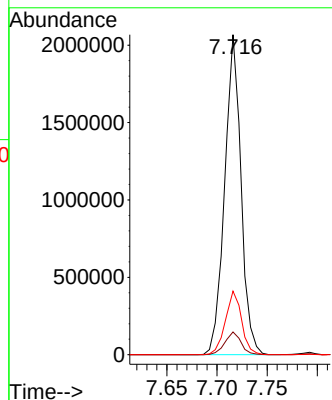
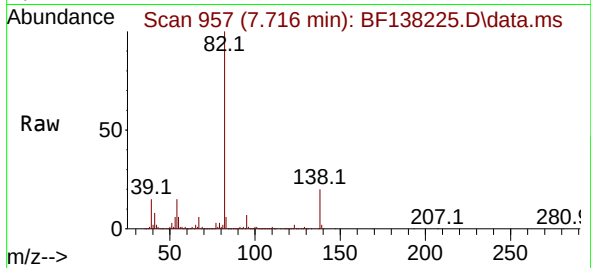




#25
Isophorone
Concen: 50.240 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

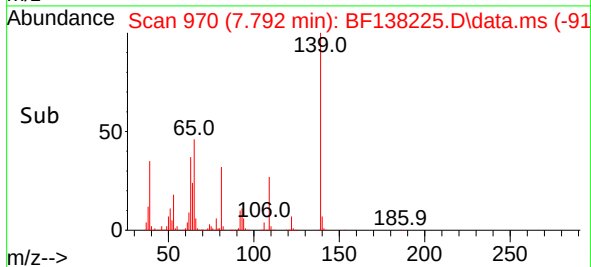
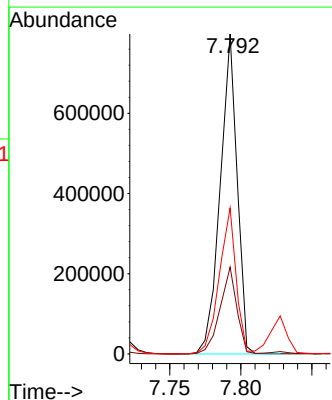
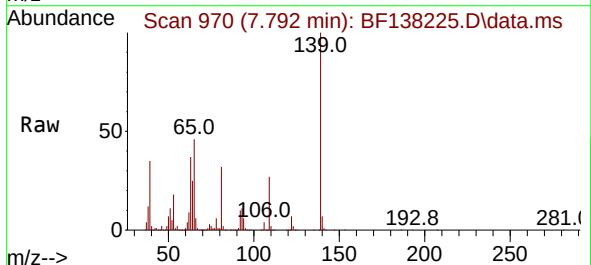
Instrument :
BNA_F
ClientSampleId :
POLEMSD

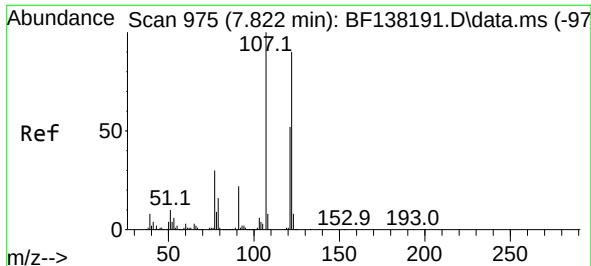
Tgt Ion: 82 Resp: 2338964
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.8 16.4 24.6



#26
2-Nitrophenol
Concen: 61.749 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:139 Resp: 660532
Ion Ratio Lower Upper
139 100
109 27.1 20.7 31.1
65 45.7 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 52.649 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

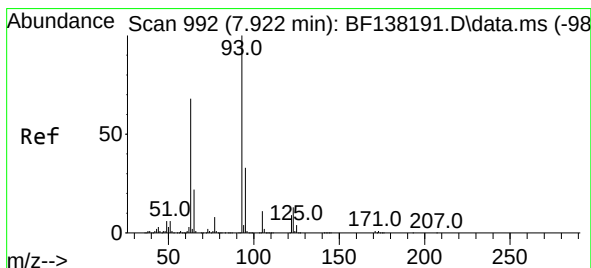
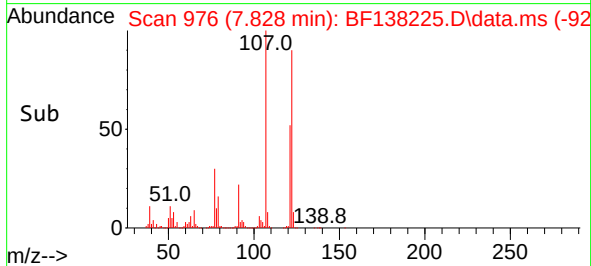
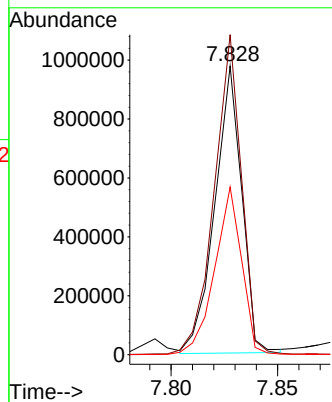
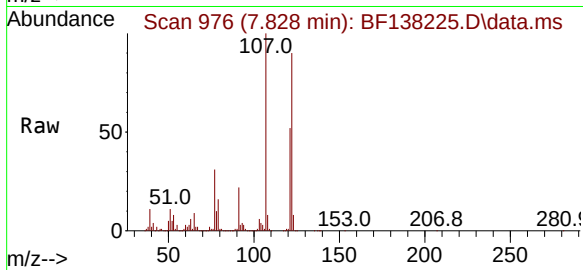
Tgt Ion:122 Resp: 856824

Ion Ratio Lower Upper

122 100

107 110.9 87.7 131.5

121 58.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.242 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

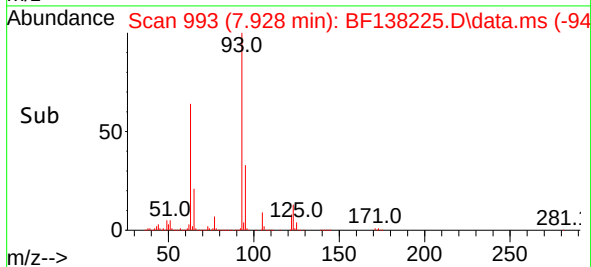
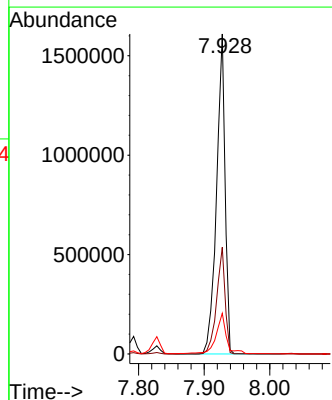
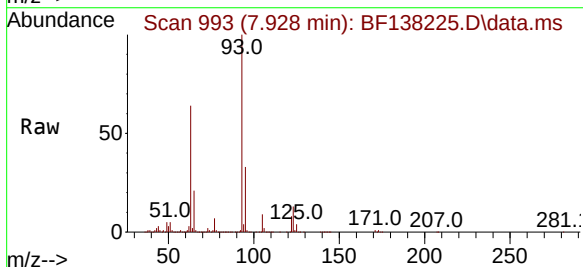
Tgt Ion: 93 Resp: 1464217

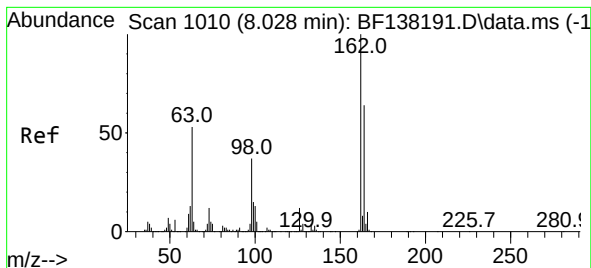
Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.539 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

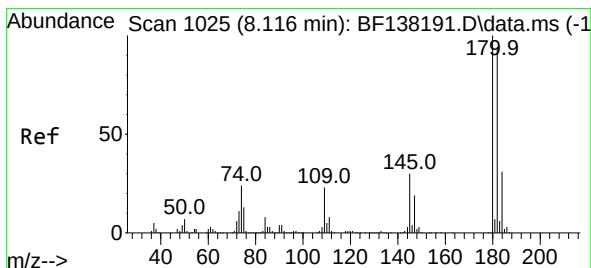
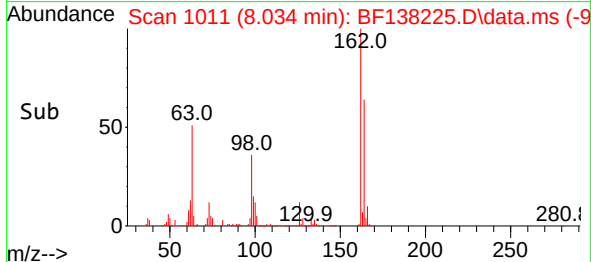
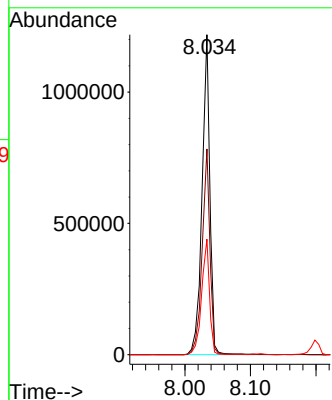
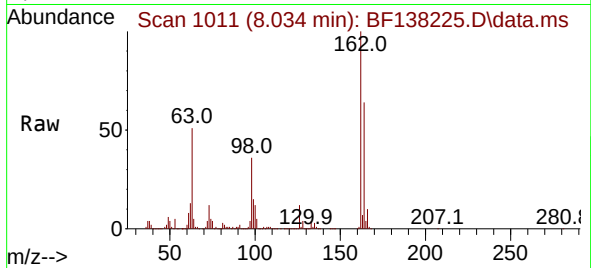
Tgt Ion:162 Resp: 1017017

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 36.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 45.016 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

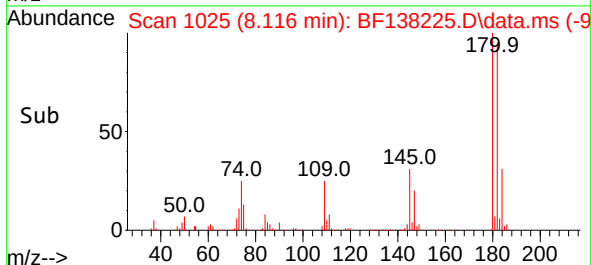
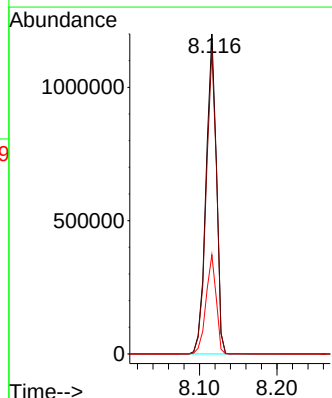
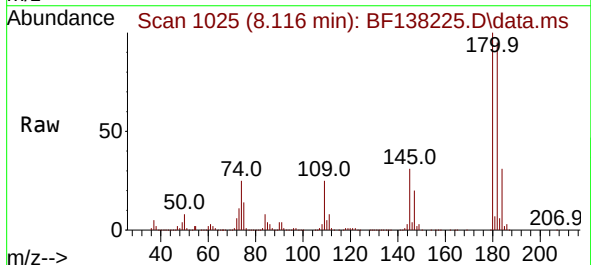
Tgt Ion:180 Resp: 1112326

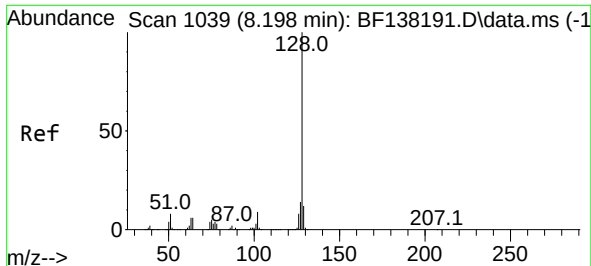
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

145 31.0 23.8 35.6

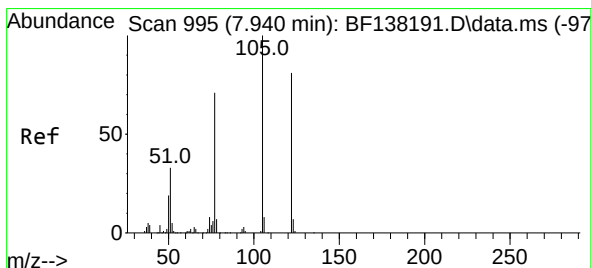
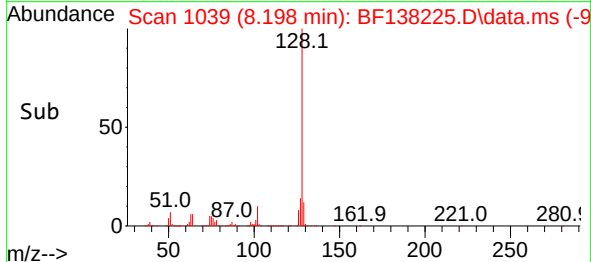
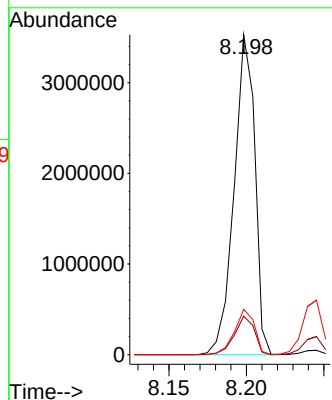
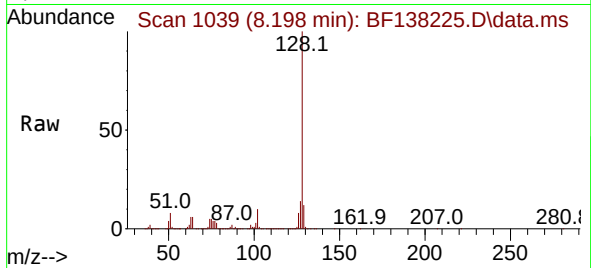




#31
Naphthalene
Concen: 44.344 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

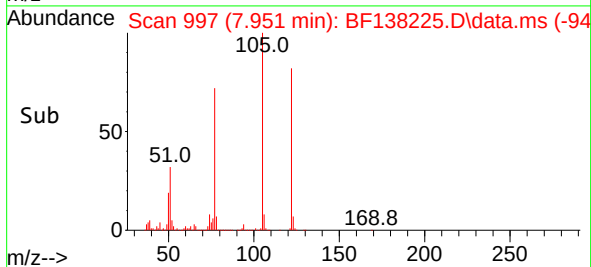
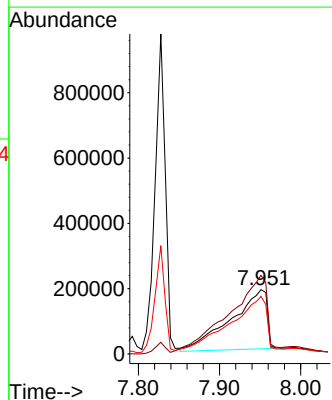
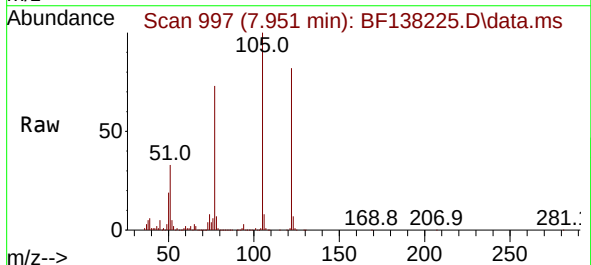
Instrument :
BNA_F
ClientSampleId :
POLEMSD

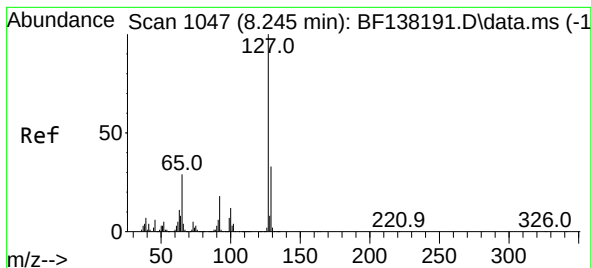
Tgt Ion:128 Resp: 3285609
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 39.469 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.011 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:122 Resp: 566128
Ion Ratio Lower Upper
122 100
105 122.0 100.1 140.1
77 89.5 66.5 106.5





#33

4-Chloroaniline

Concen: 20.654 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

Tgt Ion:127 Resp: 571966

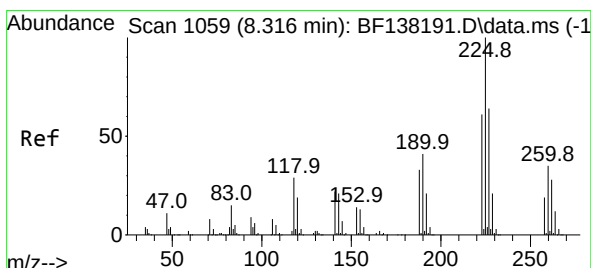
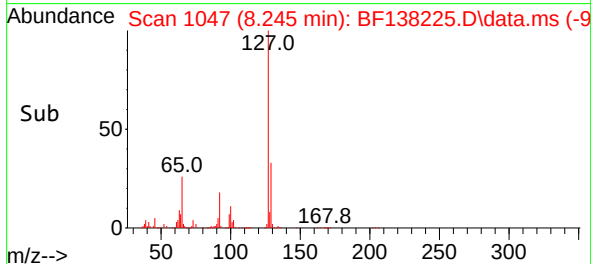
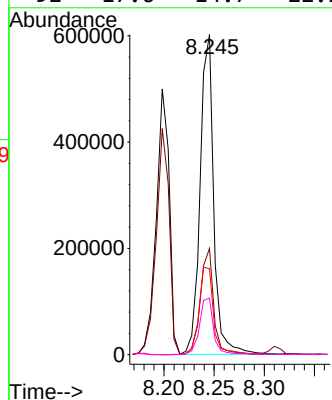
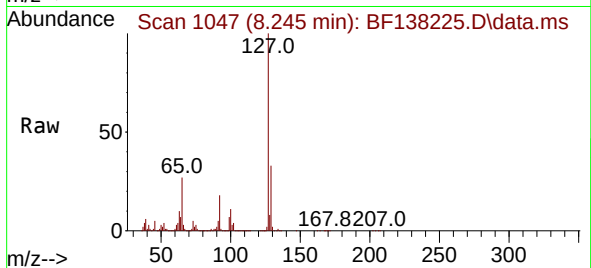
Ion Ratio Lower Upper

127 100

129 33.2 26.1 39.1

65 26.8 23.6 35.4

92 17.6 14.7 22.1



#34

Hexachlorobutadiene

Concen: 44.519 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

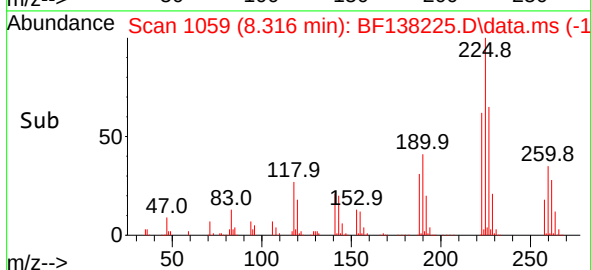
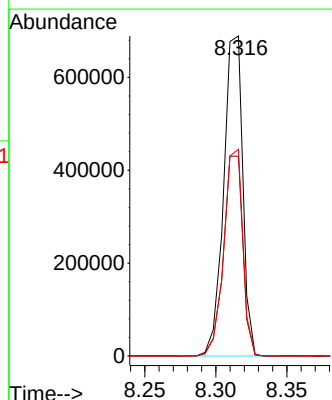
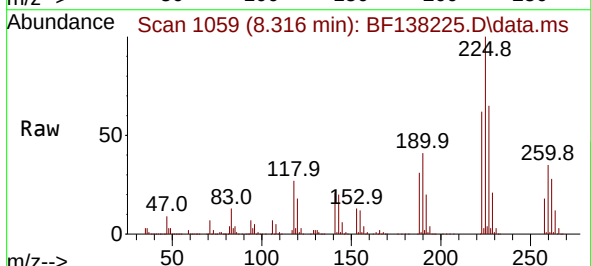
Tgt Ion:225 Resp: 643360

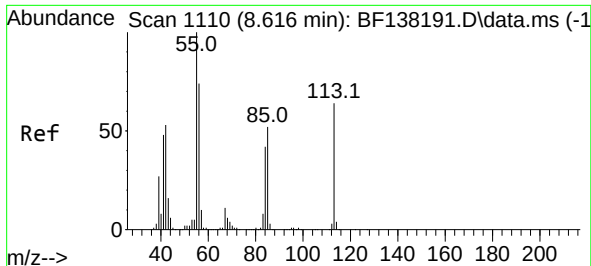
Ion Ratio Lower Upper

225 100

223 62.4 49.0 73.6

227 64.6 51.2 76.8

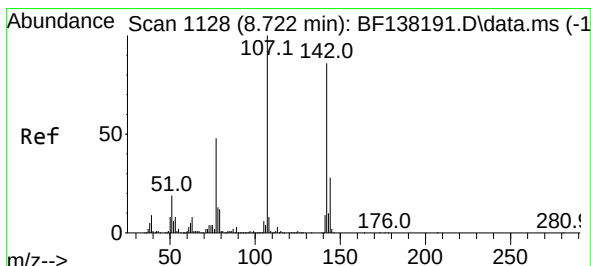
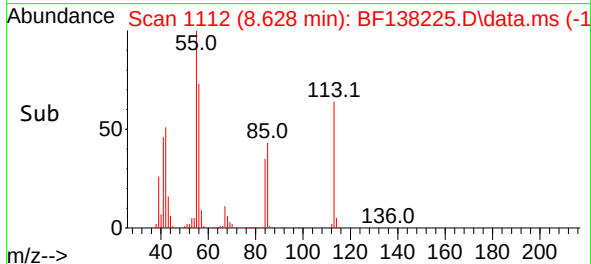
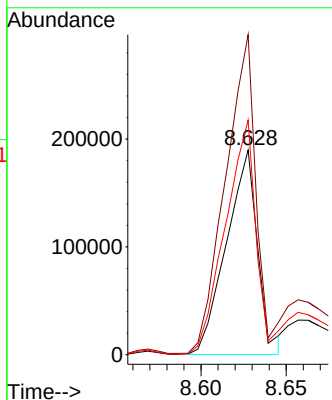
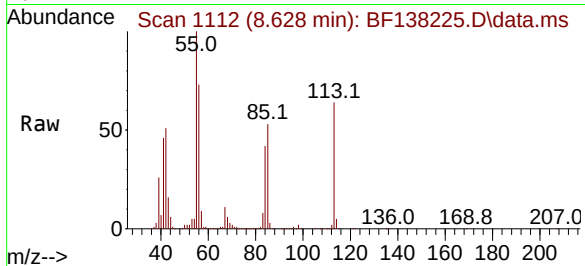




#35
Caprolactam
Concen: 37.995 ng
RT: 8.628 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

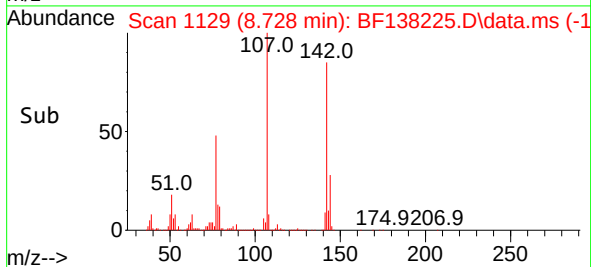
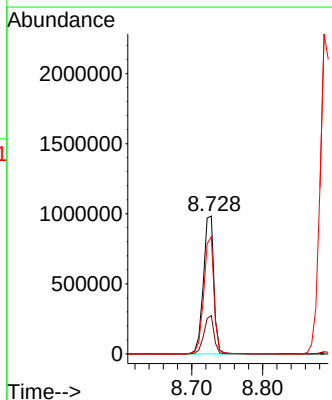
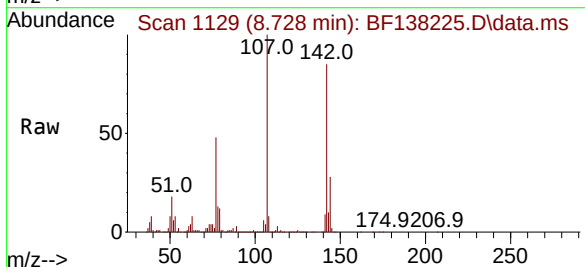
Instrument :
BNA_F
ClientSampleId :
POLEMSD

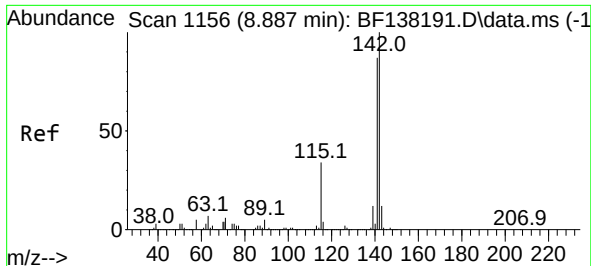
Tgt Ion:113 Resp: 240338
Ion Ratio Lower Upper
113 100
55 156.4 135.4 175.4
56 114.6 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 48.782 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:107 Resp: 1017663
Ion Ratio Lower Upper
107 100
144 27.8 22.6 34.0
142 84.9 69.0 103.4





#37

2-Methylnaphthalene

Concen: 45.544 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

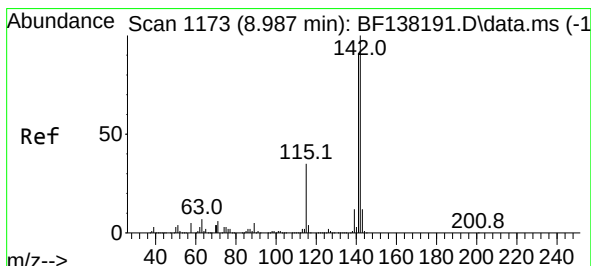
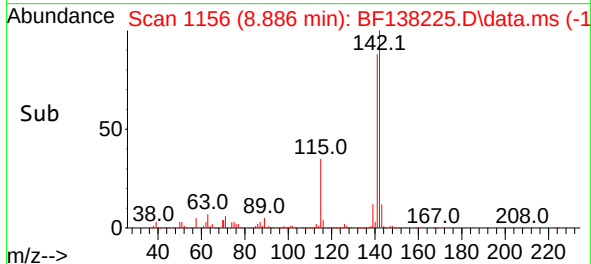
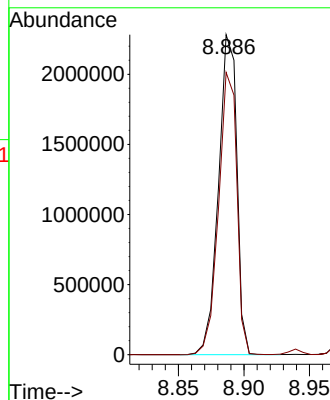
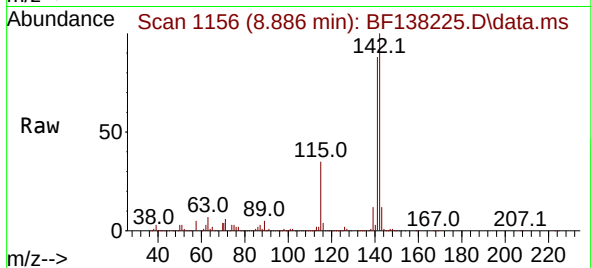
POLEMSD

Tgt Ion:142 Resp: 2214683

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.129 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF138225.D

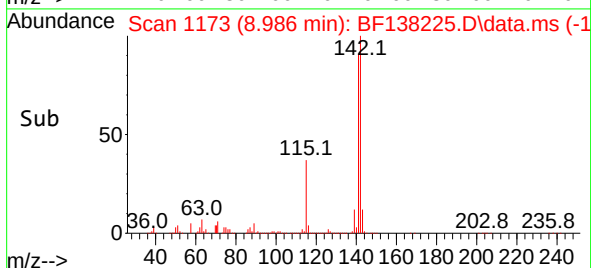
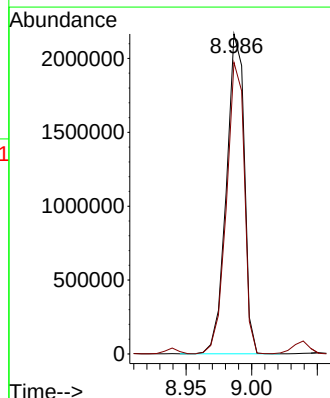
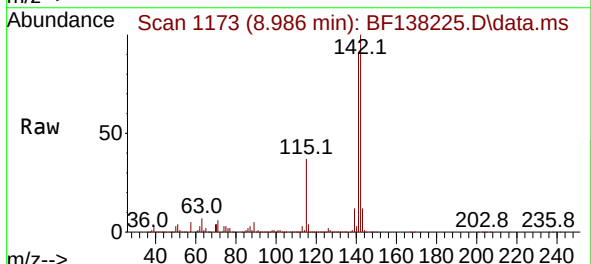
Acq: 18 Jun 2024 15:30

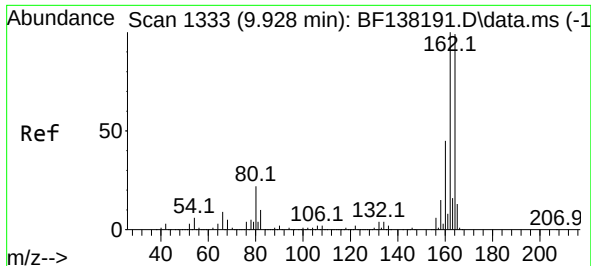
Tgt Ion:142 Resp: 2055201

Ion Ratio Lower Upper

142 100

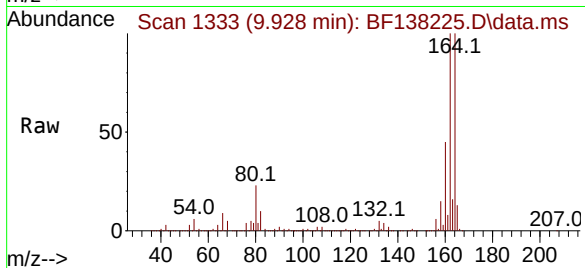
141 91.1 72.8 109.2



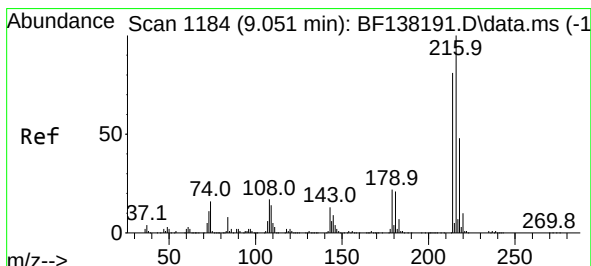
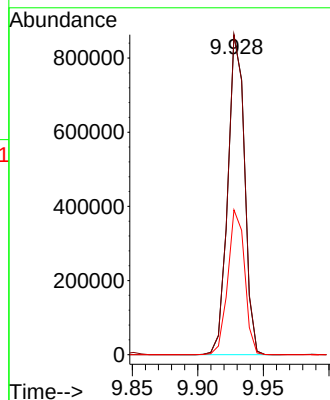
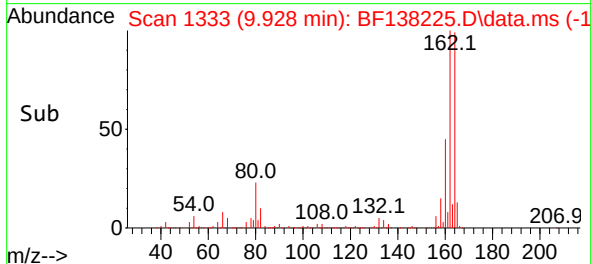


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

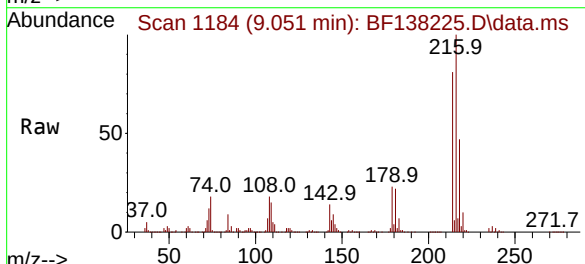
Instrument :
BNA_F
ClientSampleId :
POLEMSD



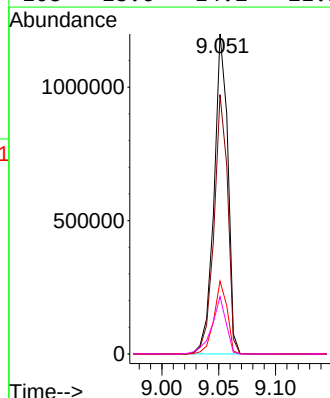
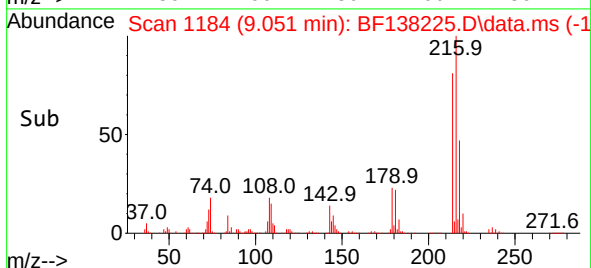
Tgt Ion:164 Resp: 764231
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.4 36.3 54.5

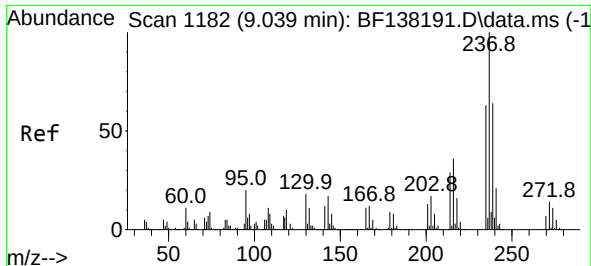


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.197 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30



Tgt Ion:216 Resp: 1009350
Ion Ratio Lower Upper
216 100
214 80.1 63.7 95.5
179 21.9 16.9 25.3
108 18.6 14.2 21.2

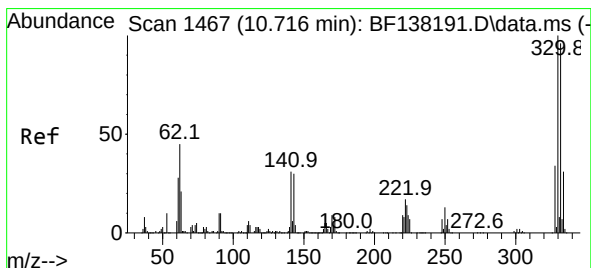
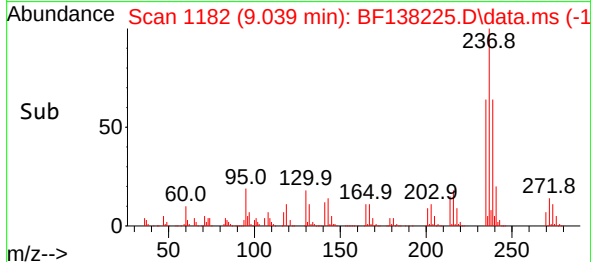
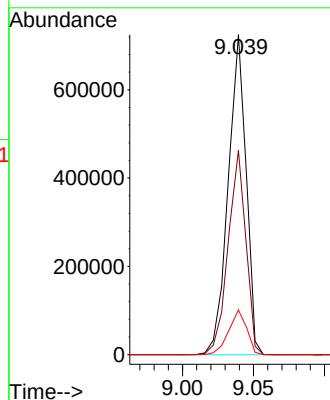
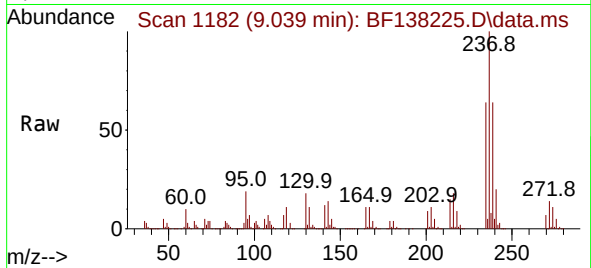




#41
Hexachlorocyclopentadiene
Concen: 87.235 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

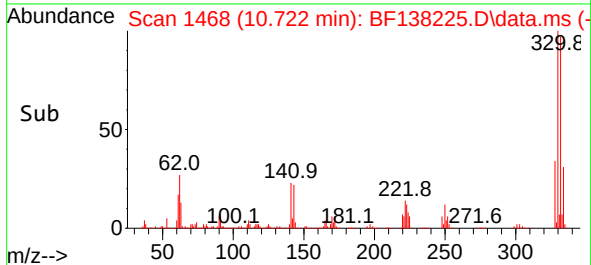
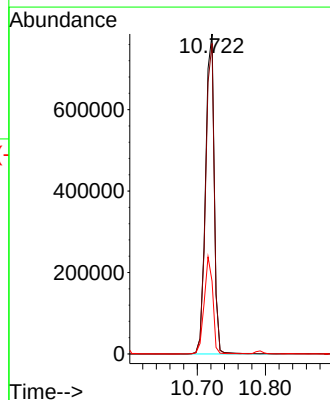
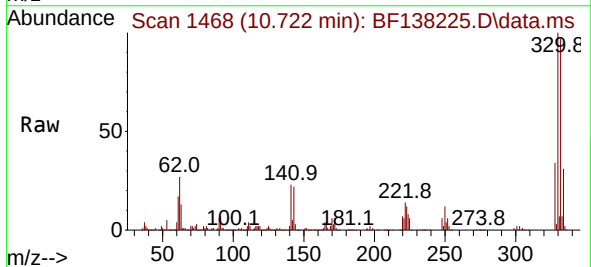
Instrument :
BNA_F
ClientSampleId :
POLEMSD

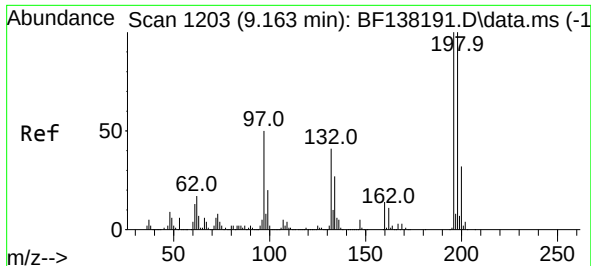
Tgt Ion:237 Resp: 635232
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 14.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 91.269 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:330 Resp: 694384
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 29.9 23.9 35.9

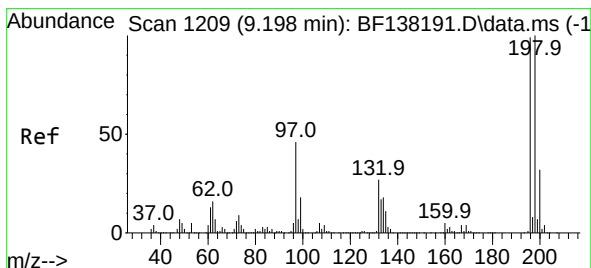
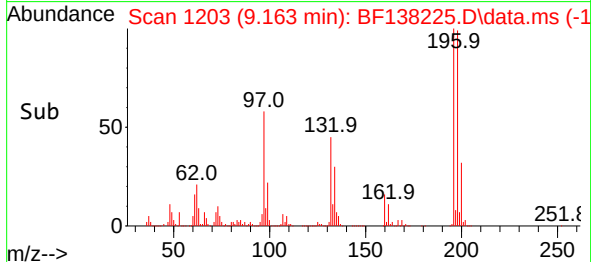
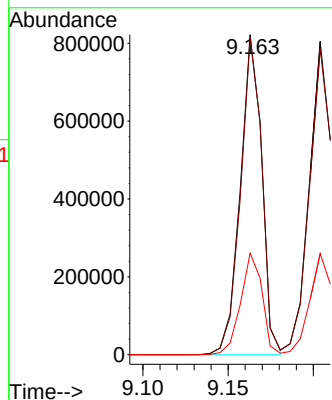
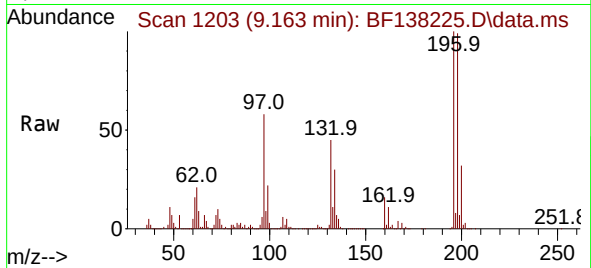




#43
2,4,6-Trichlorophenol
Concen: 51.450 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

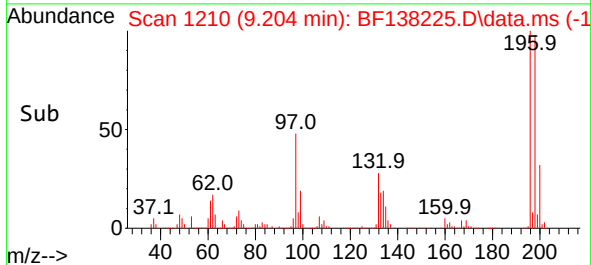
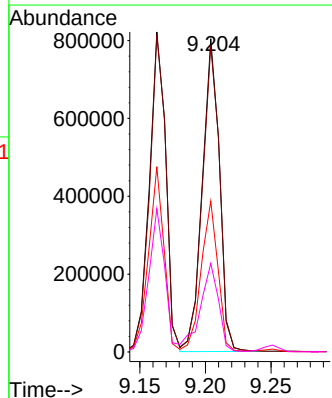
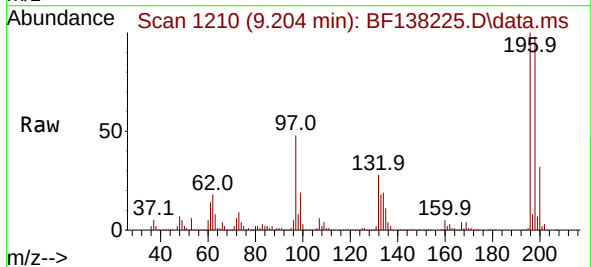
Instrument :
BNA_F
ClientSampleId :
POLEMSD

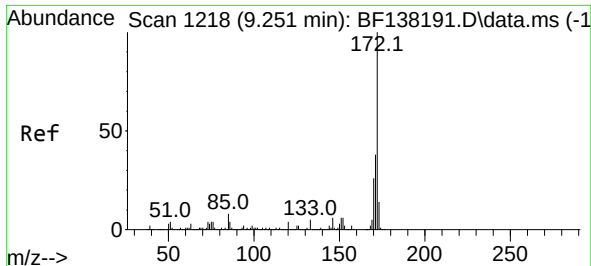
Tgt Ion:196 Resp: 719442
Ion Ratio Lower Upper
196 100
198 99.1 79.8 119.6
200 31.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 47.693 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:196 Resp: 732377
Ion Ratio Lower Upper
196 100
198 97.7 80.4 120.6
97 48.2 37.4 56.2
132 28.3 21.8 32.6

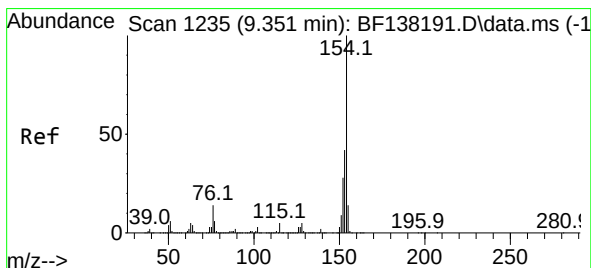
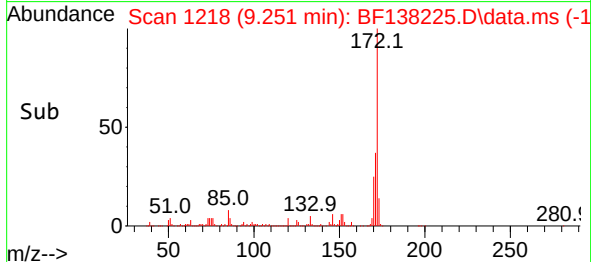
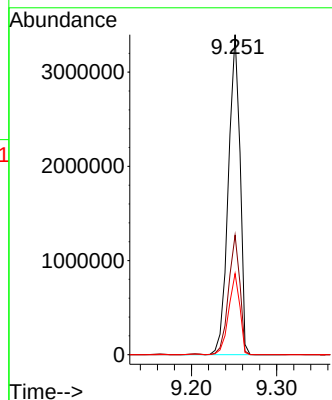
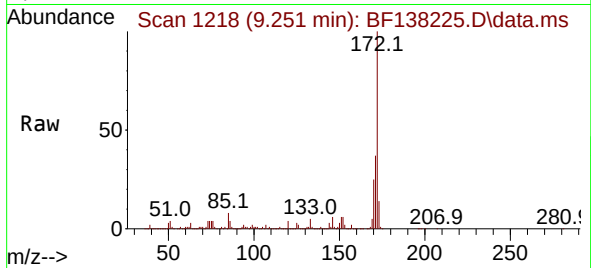




#45
2-Fluorobiphenyl
Concen: 67.119 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

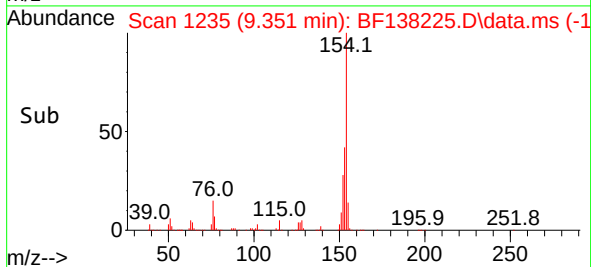
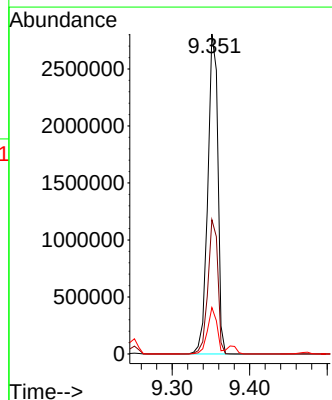
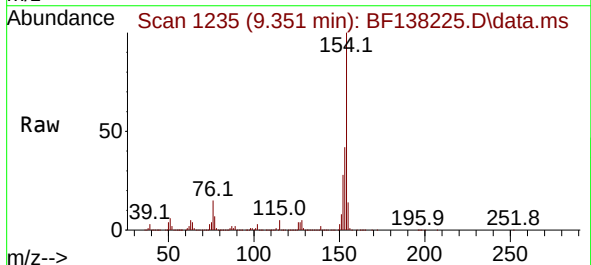
Instrument :
BNA_F
ClientSampleId :
POLEMSD

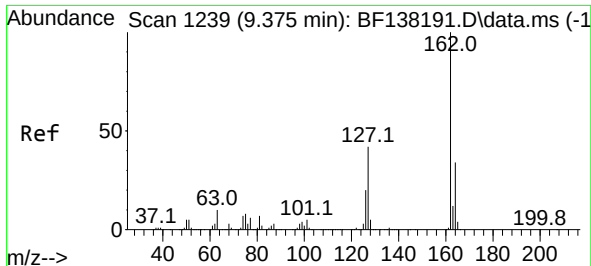
Tgt Ion:172 Resp: 3225771
Ion Ratio Lower Upper
172 100
171 37.4 30.3 45.5
170 25.4 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.094 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:154 Resp: 2528777
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 14.5 0.0 34.3





#47

2-Chloronaphthalene

Concen: 46.735 ng

RT: 9.380 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

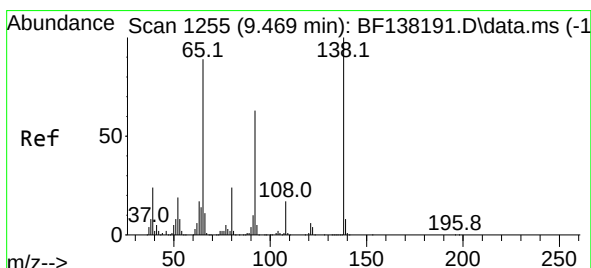
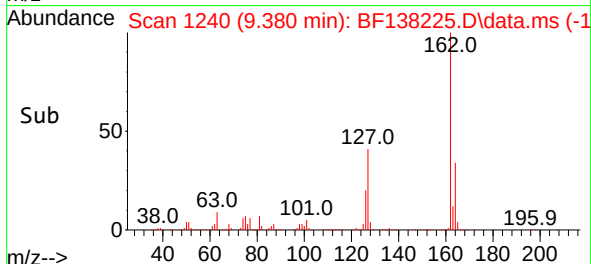
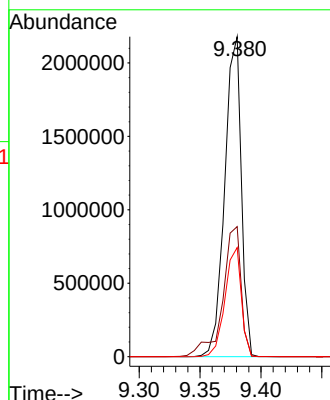
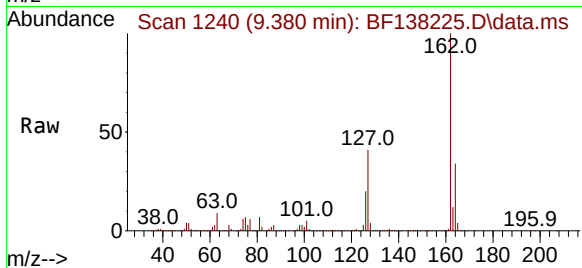
Tgt Ion:162 Resp: 2071232

Ion Ratio Lower Upper

162 100

127 40.7 33.6 50.4

164 34.1 27.2 40.8



#48

2-Nitroaniline

Concen: 54.929 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

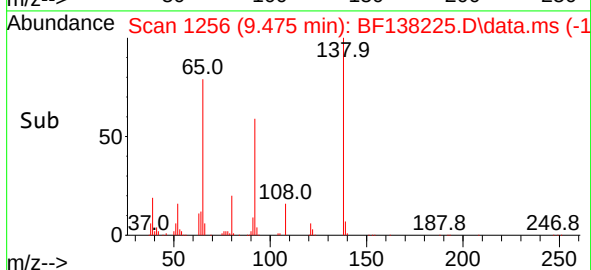
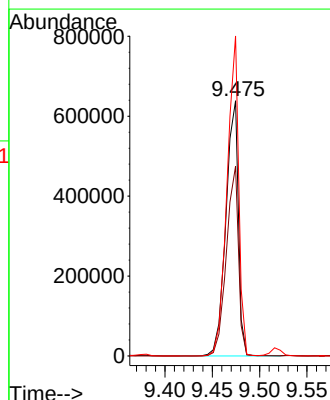
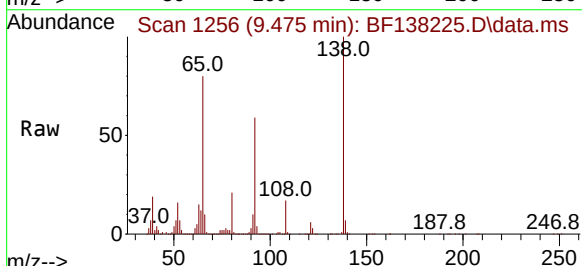
Tgt Ion: 65 Resp: 586272

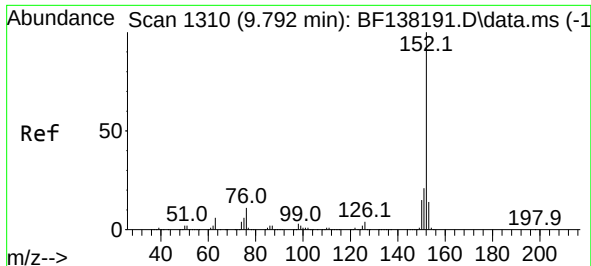
Ion Ratio Lower Upper

65 100

92 74.4 56.6 85.0

138 125.4 90.1 135.1





#49

Acenaphthylene

Concen: 49.375 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

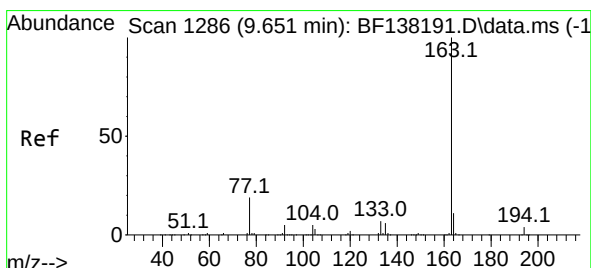
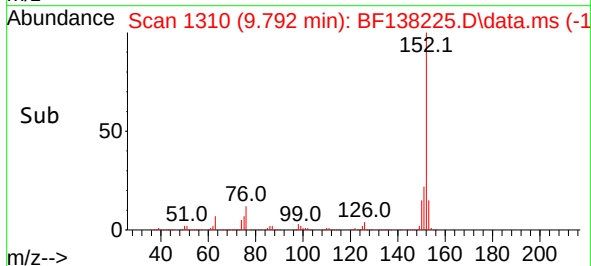
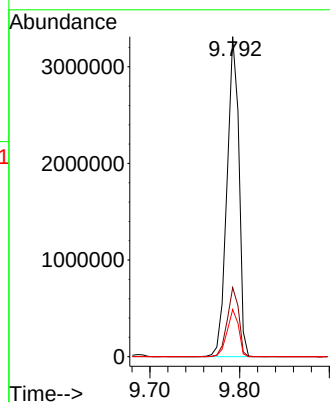
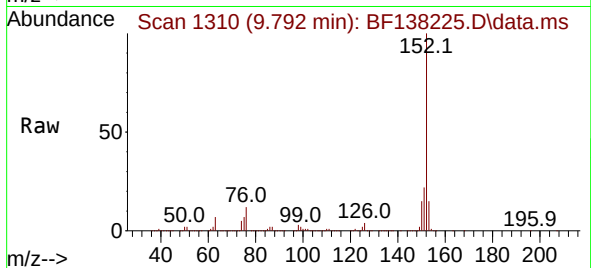
Tgt Ion:152 Resp: 3068431

Ion Ratio Lower Upper

152 100

151 21.6 16.9 25.3

153 14.7 11.4 17.0



#50

Dimethylphthalate

Concen: 53.399 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

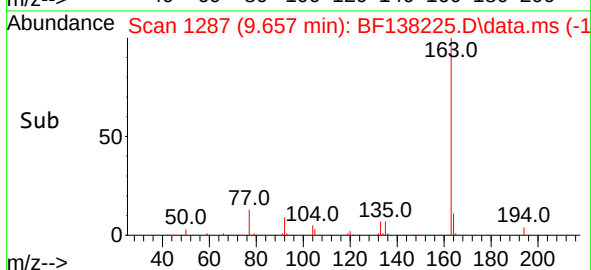
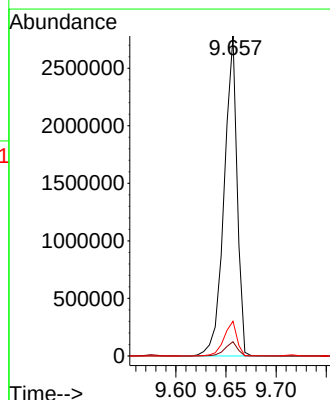
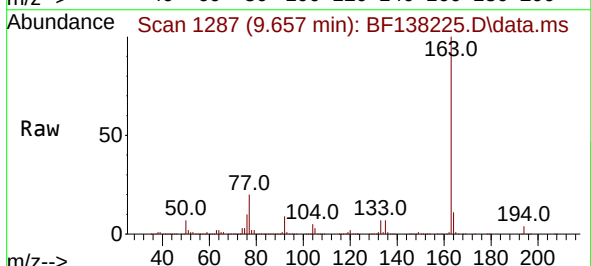
Tgt Ion:163 Resp: 2500400

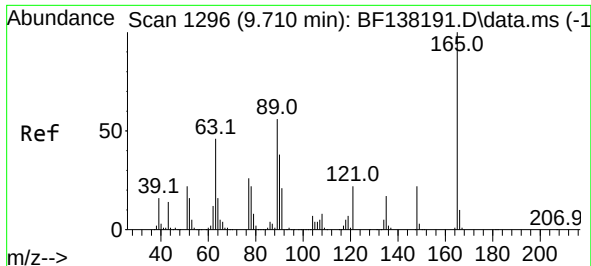
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.9 8.5 12.7

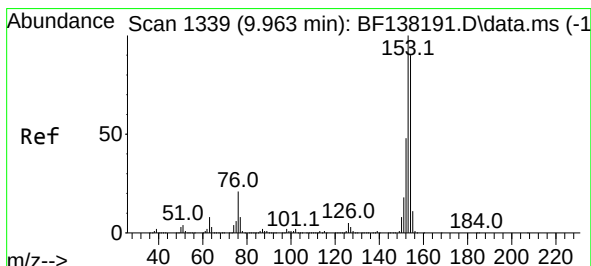
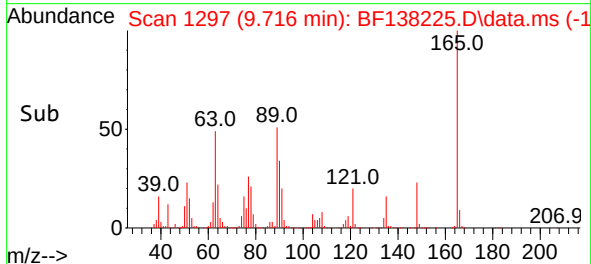
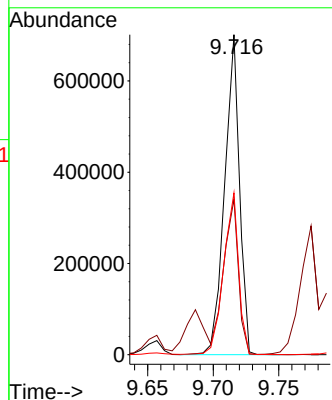
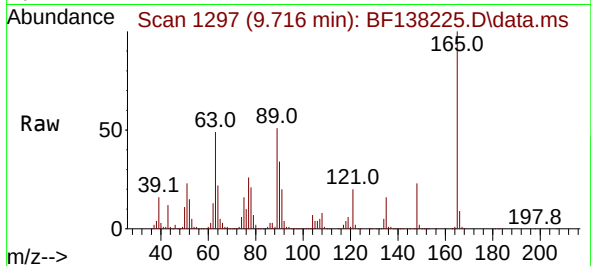




#51
2,6-Dinitrotoluene
Concen: 54.332 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

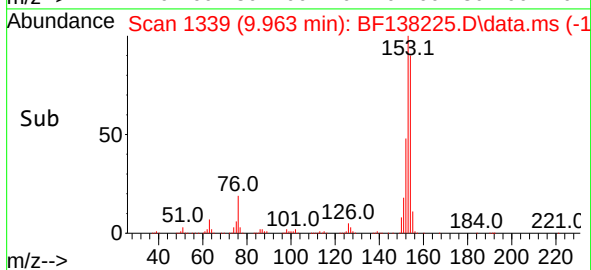
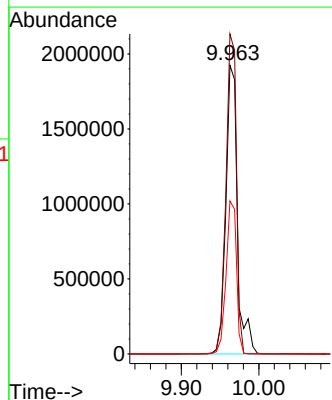
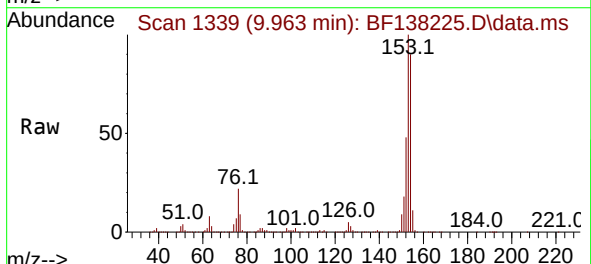
Instrument :
BNA_F
ClientSampleId :
POLEMSD

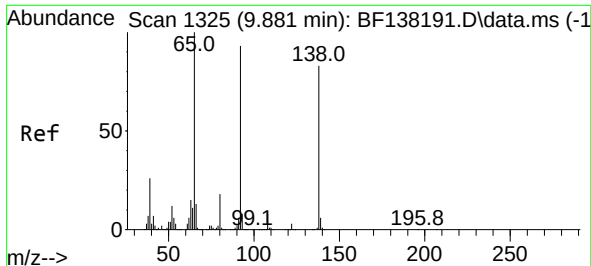
Tgt Ion:165 Resp: 551916
Ion Ratio Lower Upper
165 100
63 48.6 43.7 65.5
89 50.5 44.9 67.3



#52
Acenaphthene
Concen: 47.111 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:154 Resp: 1996437
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 53.0 42.4 63.6

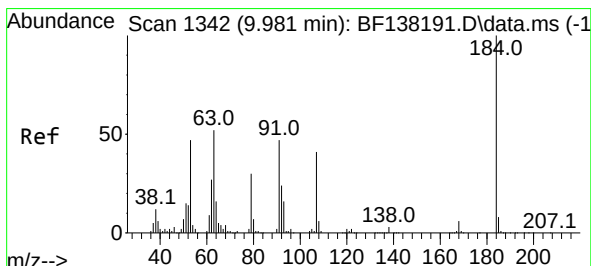
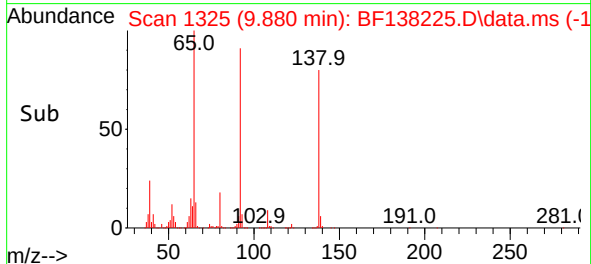
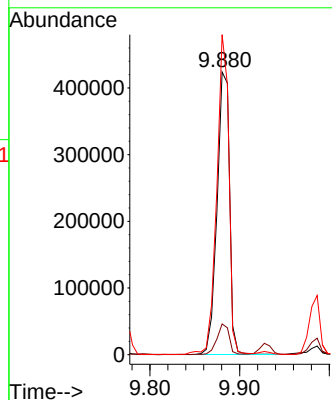
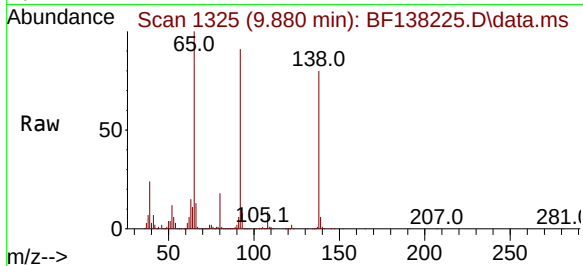




#53
3-Nitroaniline
Concen: 37.829 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

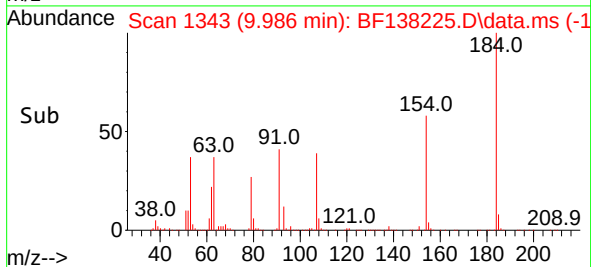
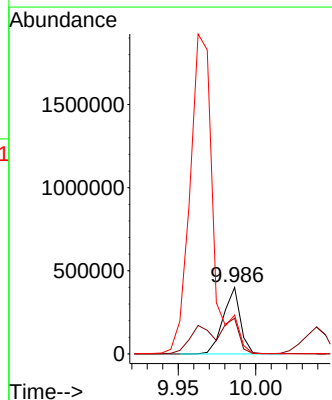
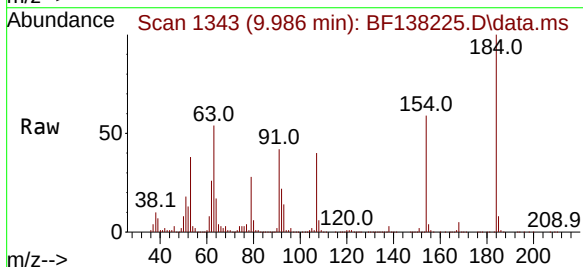
Instrument :
BNA_F
ClientSampleId :
POLEMSD

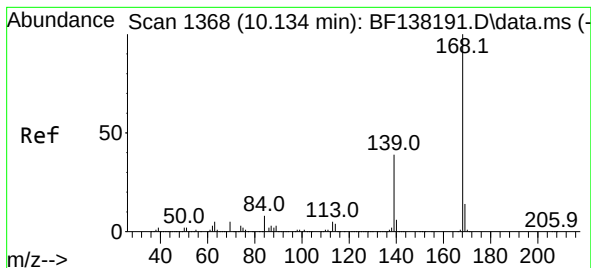
Tgt Ion:138 Resp: 410516
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 113.2 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 64.587 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:184 Resp: 307714
Ion Ratio Lower Upper
184 100
63 53.6 49.2 73.8
154 58.5 46.7 70.1

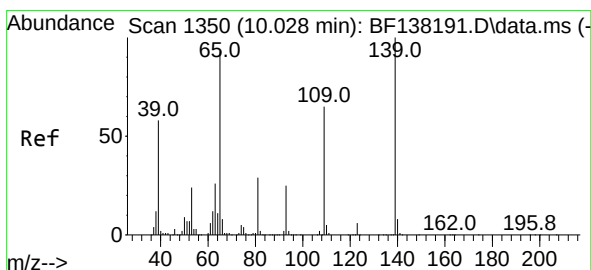
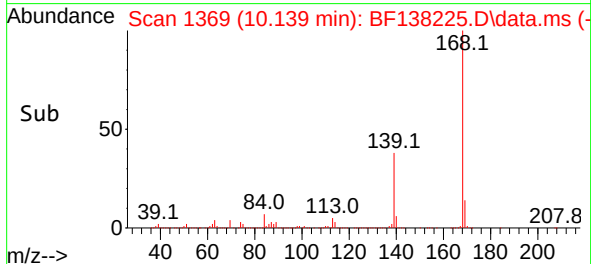
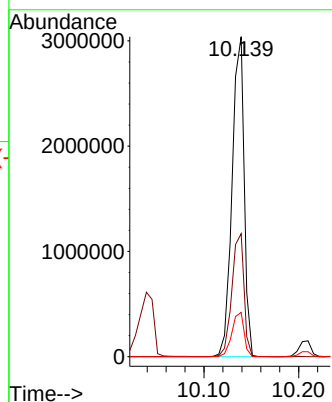
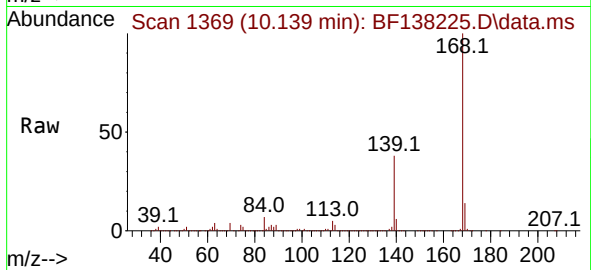




#55
Dibenzofuran
Concen: 45.511 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

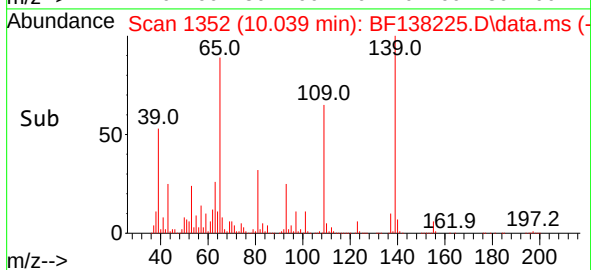
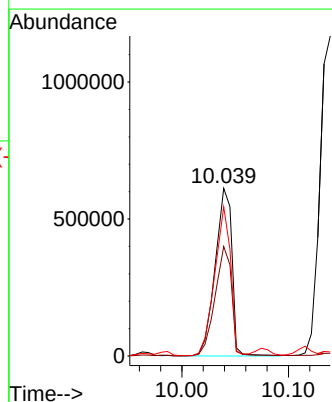
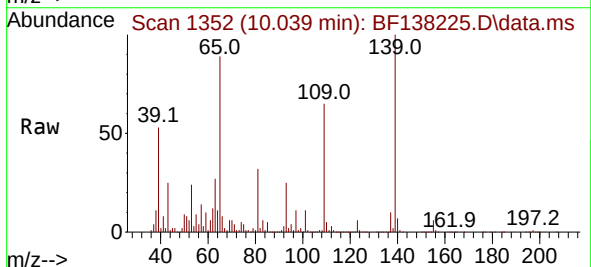
Instrument :
BNA_F
ClientSampleId :
POLEMSD

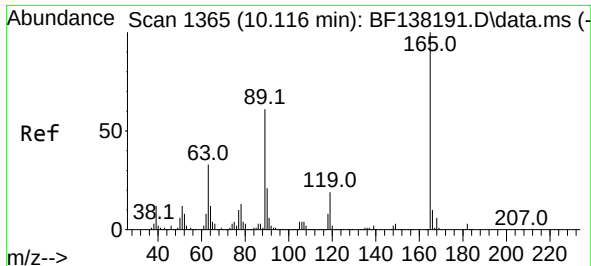
Tgt Ion:168 Resp: 2696104
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.4
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 77.864 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:139 Resp: 667745
Ion Ratio Lower Upper
139 100
109 65.3 44.6 84.6
65 88.9 73.1 113.1

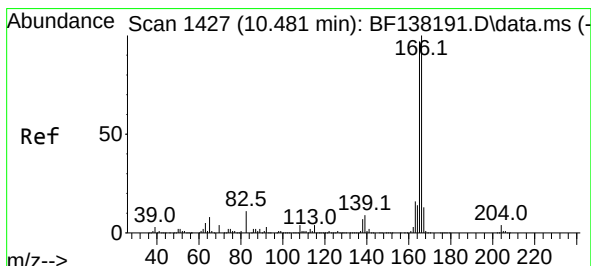
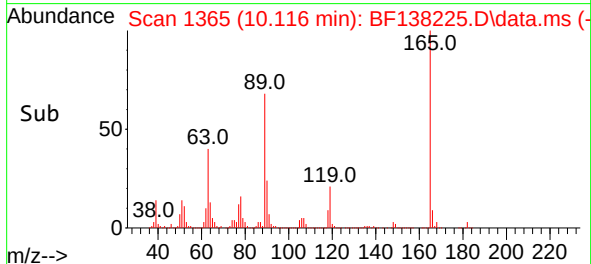
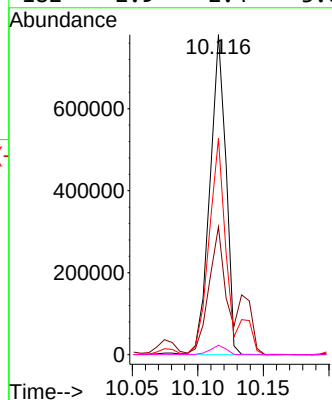
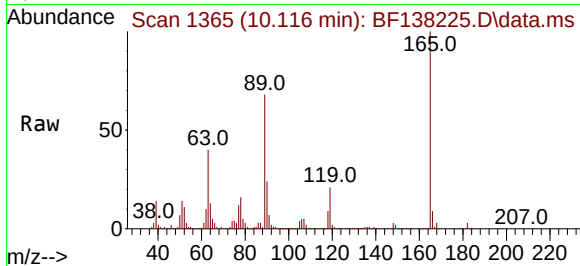




#57
2,4-Dinitrotoluene
Concen: 52.950 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

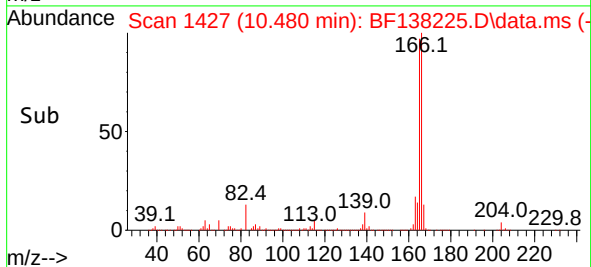
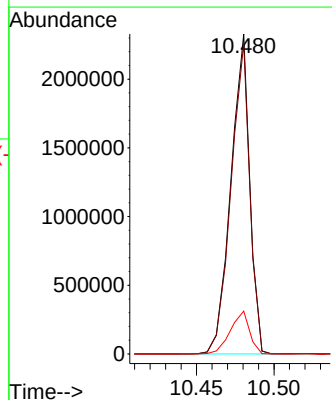
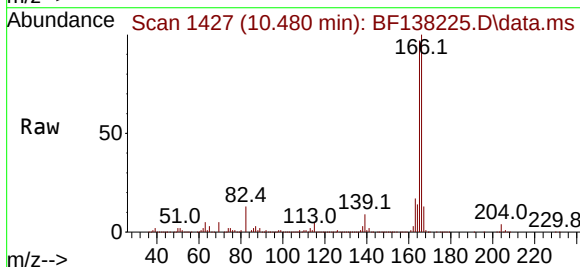
Instrument :
BNA_F
ClientSampleId :
POLEMSD

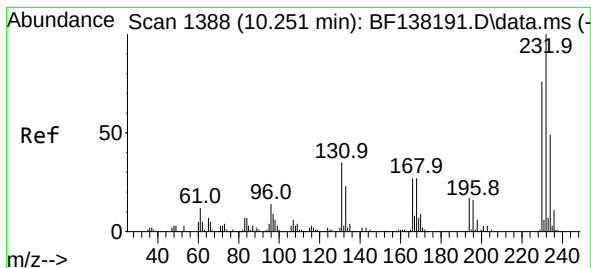
Tgt Ion:165 Resp: 663416
Ion Ratio Lower Upper
165 100
63 40.0 26.6 39.8#
89 67.6 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 42.219 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:166 Resp: 1966475
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.4 10.7 16.1

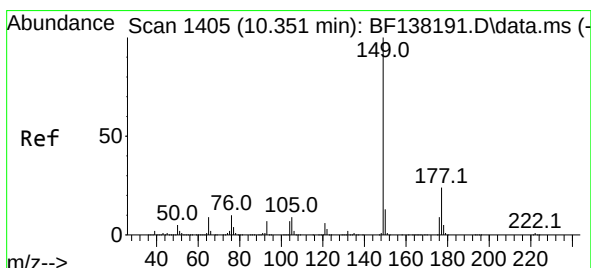
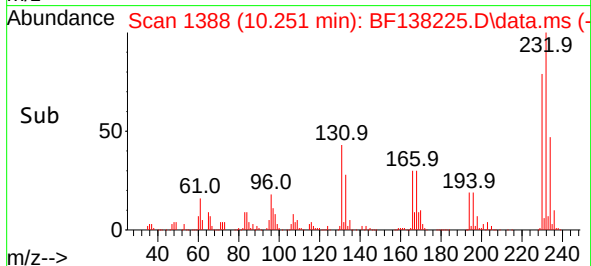
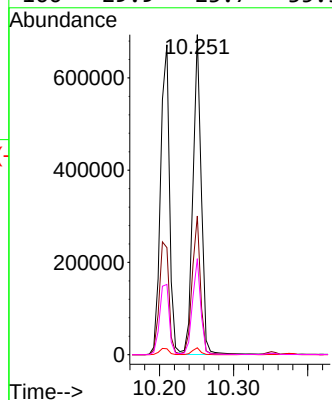
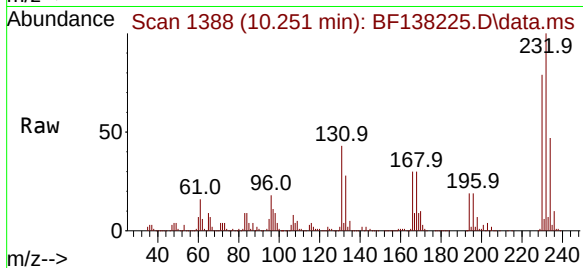




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.096 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

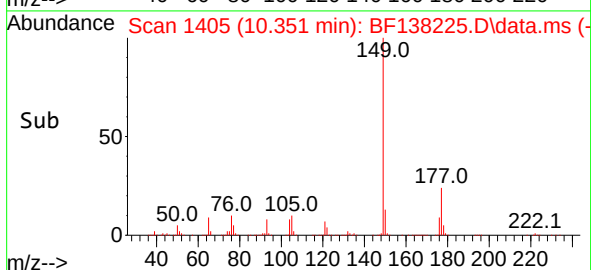
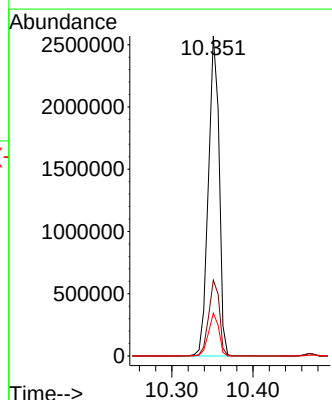
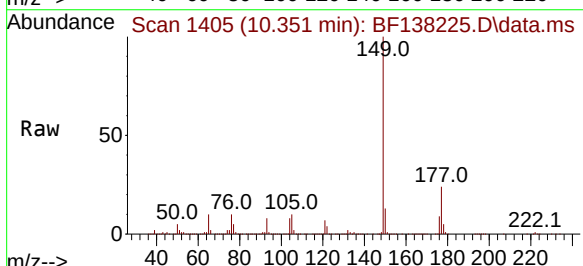
Instrument :
BNA_F
ClientSampleId :
POLEMSD

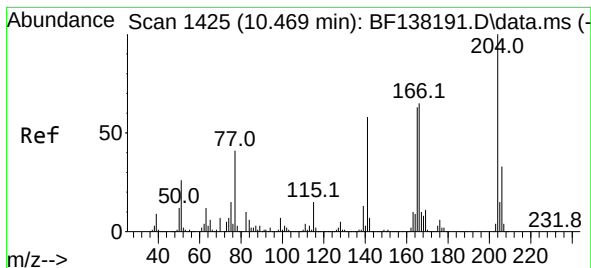
Tgt Ion:232 Resp: 541201
Ion Ratio Lower Upper
232 100
131 42.9 33.6 50.4
130 2.1 1.7 2.5
166 29.9 23.7 35.5



#60
Diethylphthalate
Concen: 52.969 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:149 Resp: 2353997
Ion Ratio Lower Upper
149 100
177 23.7 19.4 29.0
150 13.4 10.2 15.4

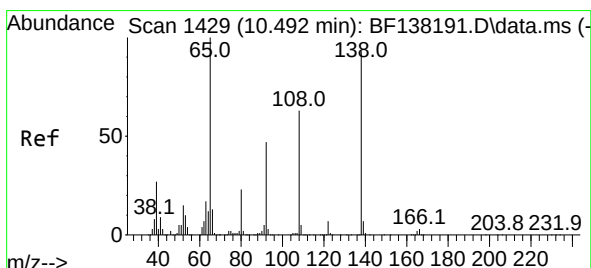
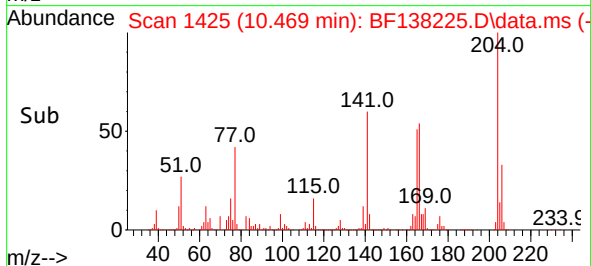
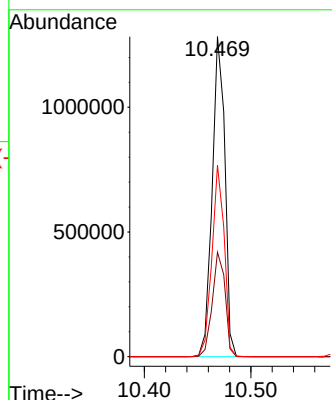
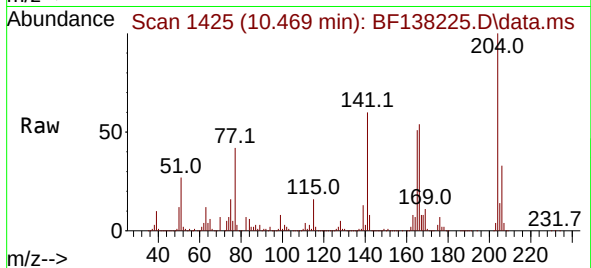




#61
4-Chlorophenyl-phenylether
Concen: 45.914 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

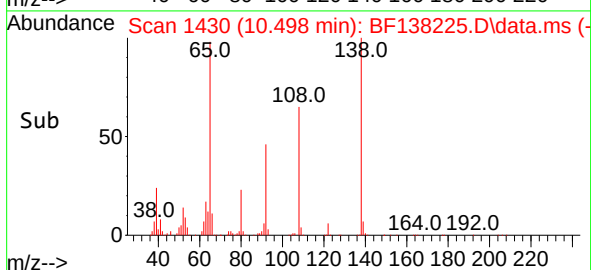
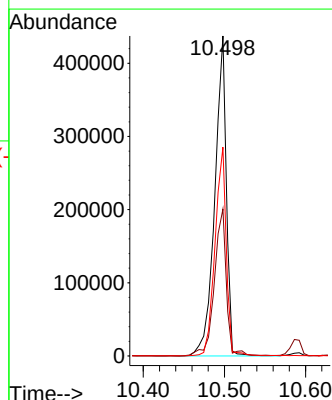
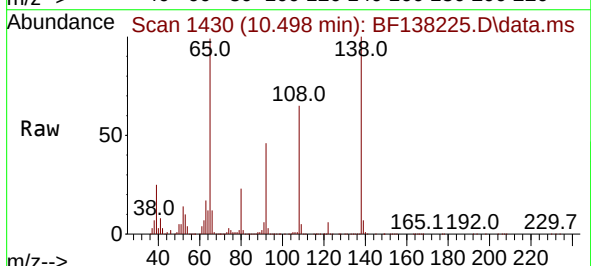
Instrument :
BNA_F
ClientSampleId :
POLEMSD

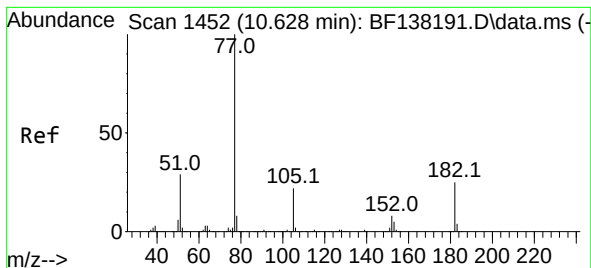
Tgt Ion:204 Resp: 1065087
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 59.9 46.3 69.5



#62
4-Nitroaniline
Concen: 39.977 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:138 Resp: 433460
Ion Ratio Lower Upper
138 100
92 45.9 30.9 70.9
108 65.3 47.8 87.8





#63

Azobenzene

Concen: 47.173 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.005 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

Tgt Ion: 77 Resp: 2100290

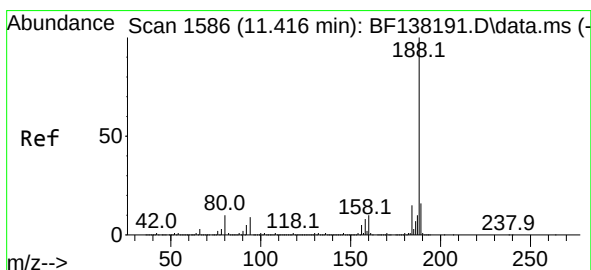
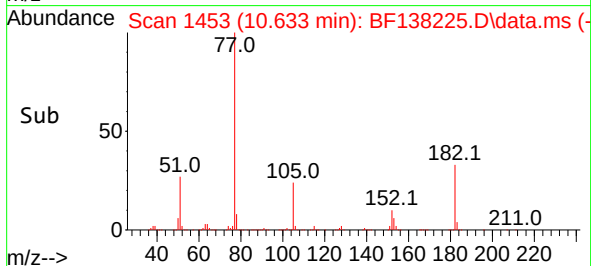
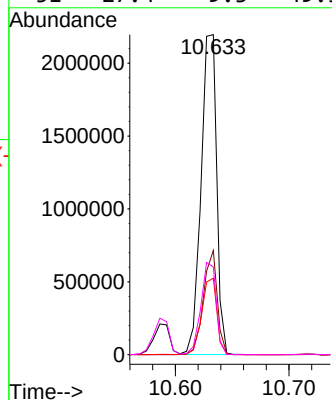
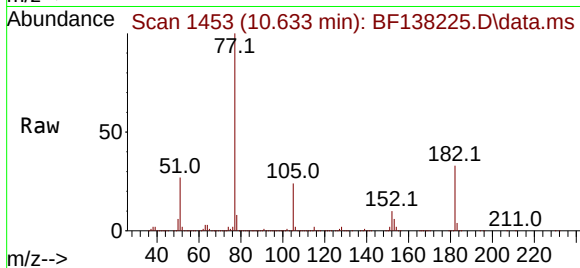
Ion Ratio Lower Upper

77 100

182 32.6 5.5 45.5

105 23.9 1.8 41.8

51 27.4 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

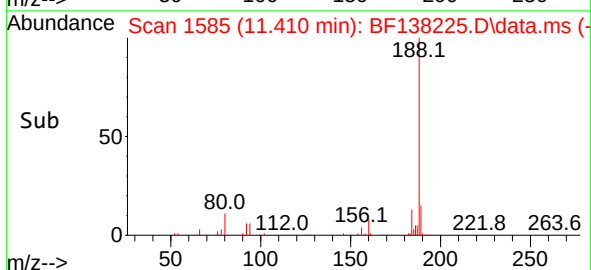
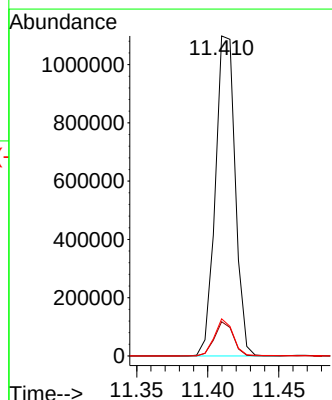
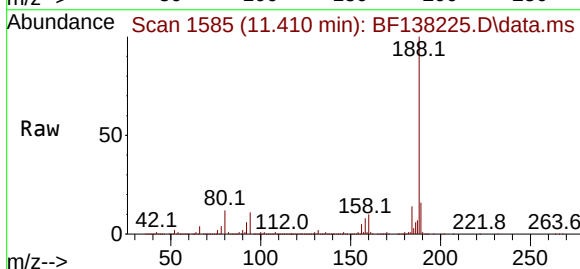
Tgt Ion: 188 Resp: 1068036

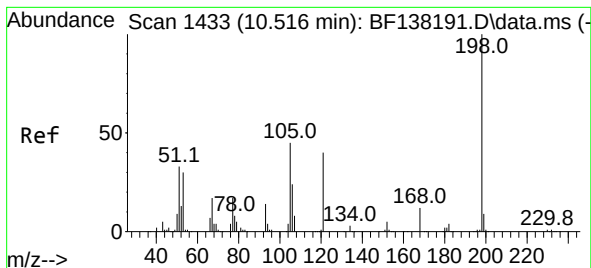
Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.6 8.1 12.1

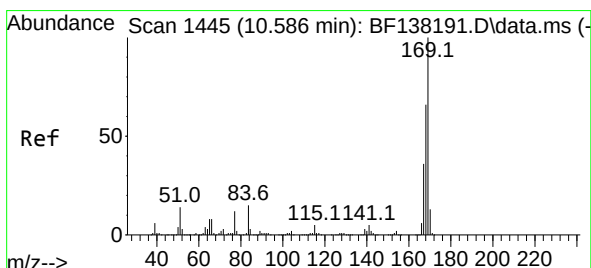
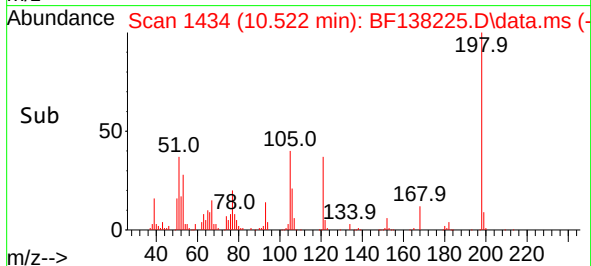
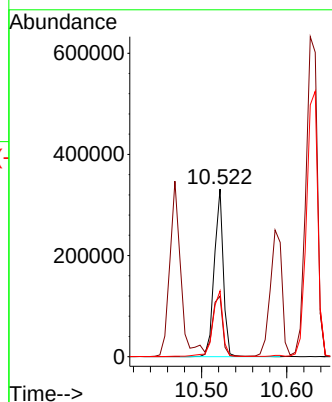
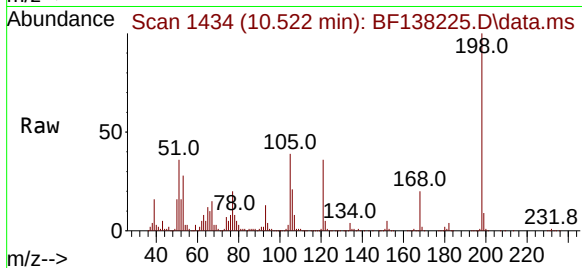




#65
4,6-Dinitro-2-methylphenol
Concen: 45.494 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

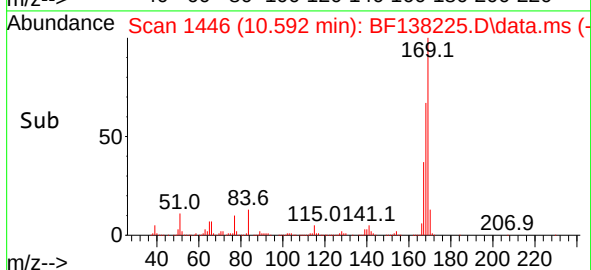
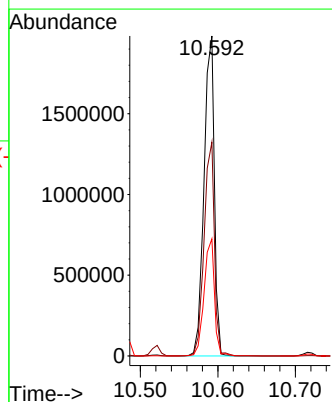
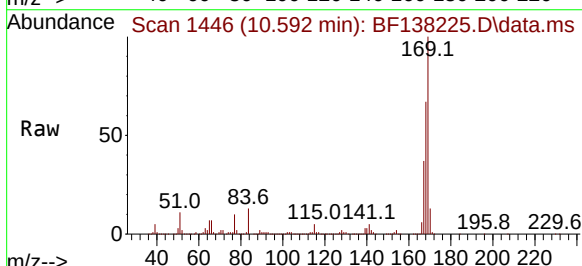
Instrument :
BNA_F
ClientSampleId :
POLEMSD

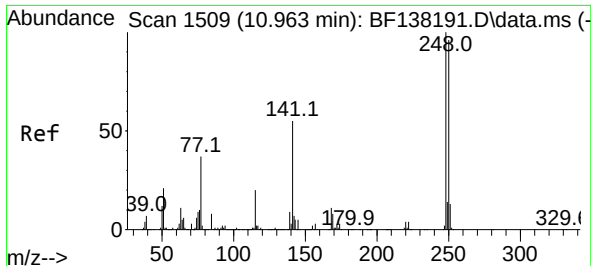
Tgt Ion:198 Resp: 245286
Ion Ratio Lower Upper
198 100
51 36.2 26.9 66.9
105 39.2 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 56.089 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:169 Resp: 1834017
Ion Ratio Lower Upper
169 100
168 66.8 52.9 79.3
167 36.6 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 55.523 ng

RT: 10.963 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

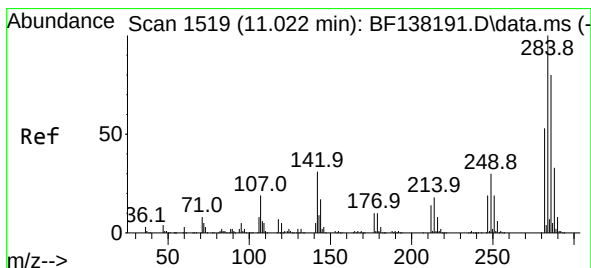
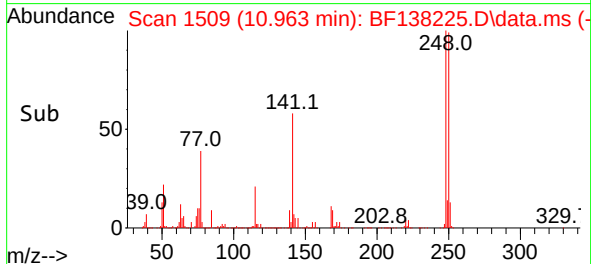
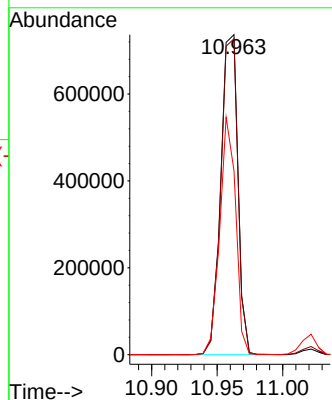
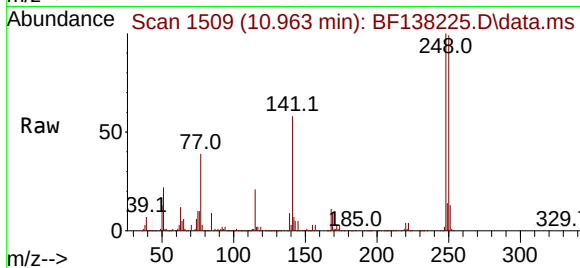
Tgt Ion:248 Resp: 668213

Ion Ratio Lower Upper

248 100

250 98.7 77.2 115.8

141 57.6 44.1 66.1



#68

Hexachlorobenzene

Concen: 50.379 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

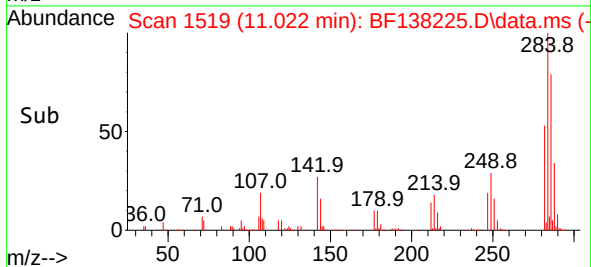
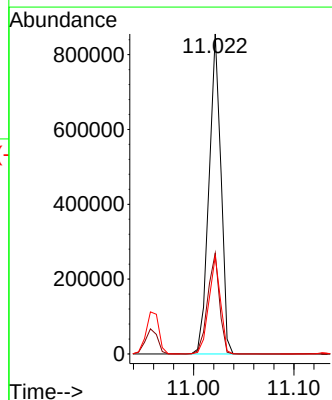
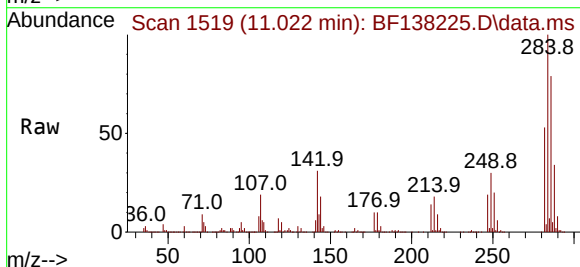
Tgt Ion:284 Resp: 707559

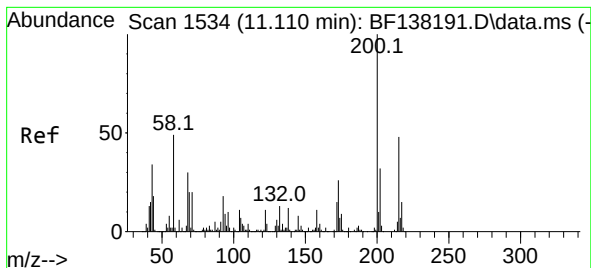
Ion Ratio Lower Upper

284 100

142 31.5 24.8 37.2

249 30.5 23.8 35.6





#69

Atrazine

Concen: 59.982 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

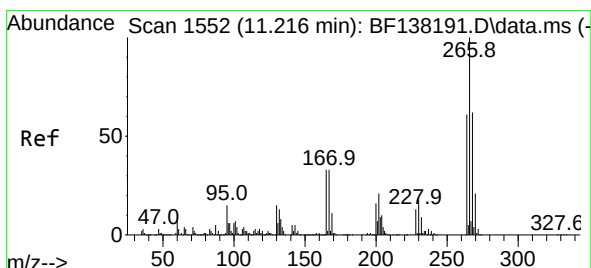
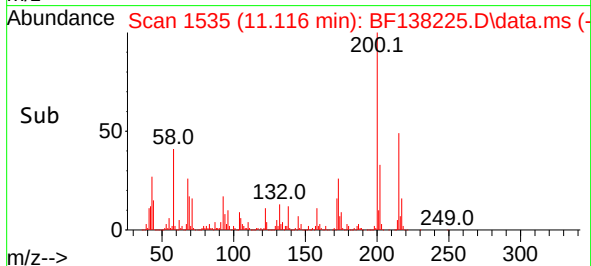
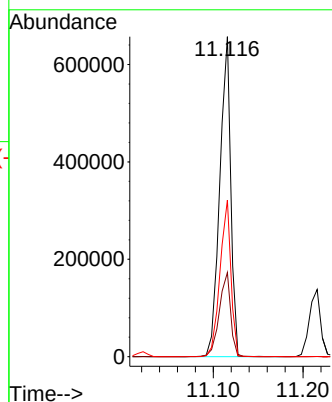
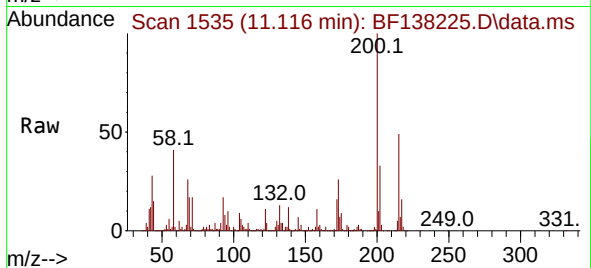
Tgt Ion:200 Resp: 558641

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 49.0 28.0 68.0



#70

Pentachlorophenol

Concen: 83.008 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

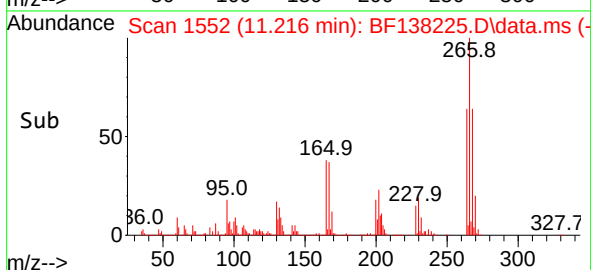
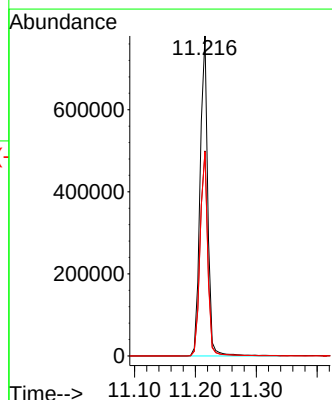
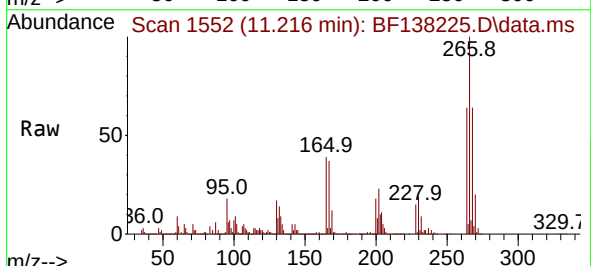
Tgt Ion:266 Resp: 679918

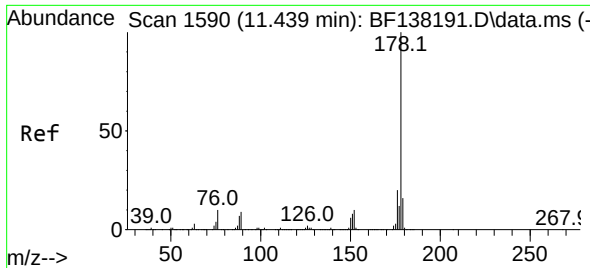
Ion Ratio Lower Upper

266 100

268 64.1 49.5 74.3

264 63.8 49.2 73.8

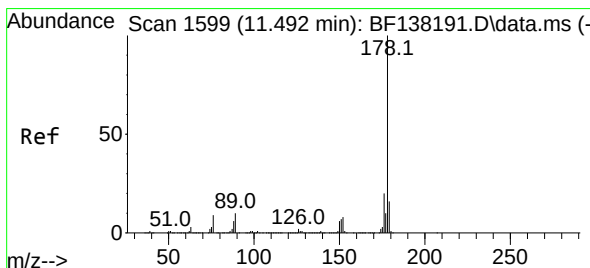
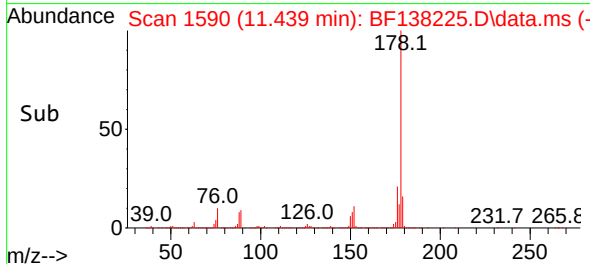
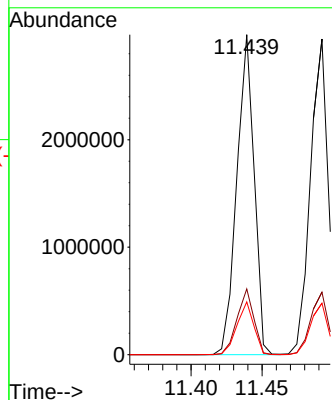
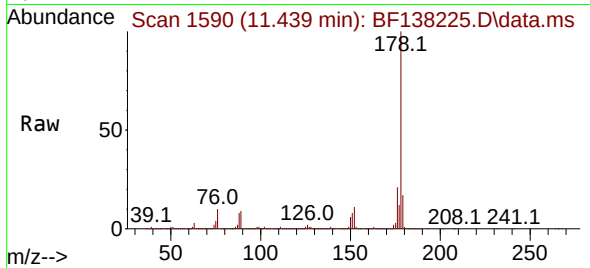




#71
Phenanthrene
Concen: 47.882 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

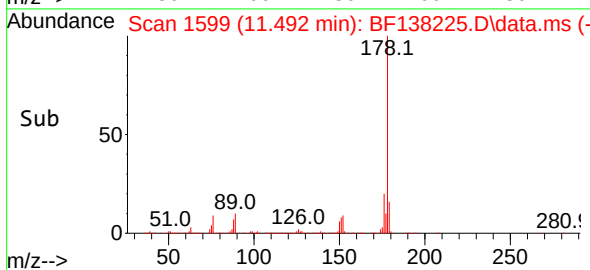
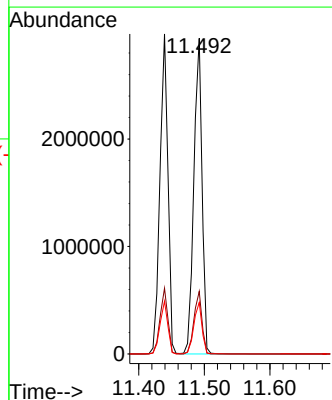
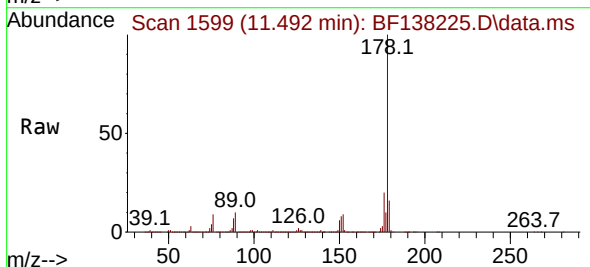
Instrument :
BNA_F
ClientSampleId :
POLEMSD

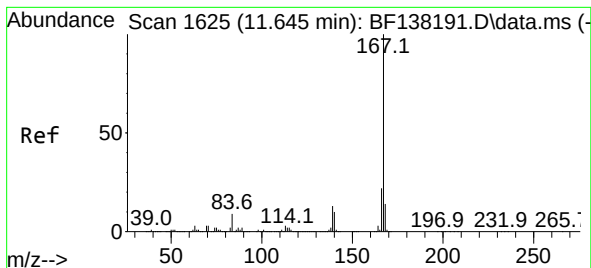
Tgt Ion:178 Resp: 2529027
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 16.5 13.1 19.7



#72
Anthracene
Concen: 48.572 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:178 Resp: 2547180
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.3 13.0 19.6





#73

Carbazole

Concen: 43.479 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

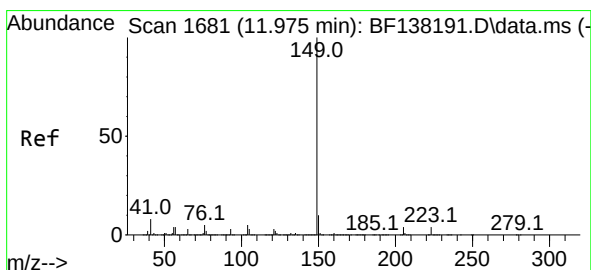
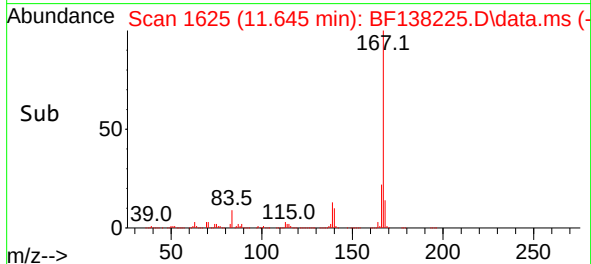
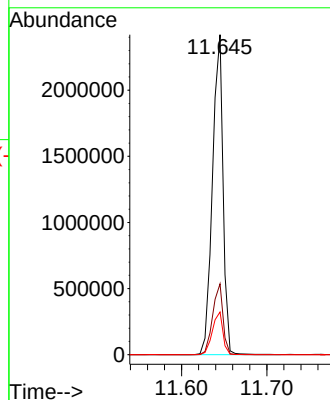
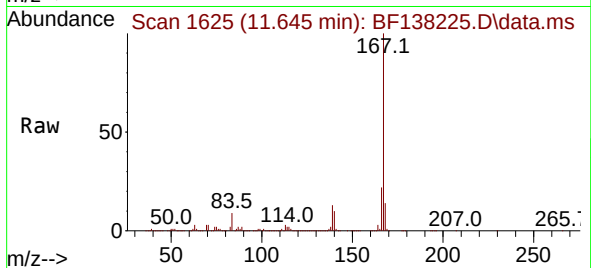
Tgt Ion:167 Resp: 2091243

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 13.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 60.479 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

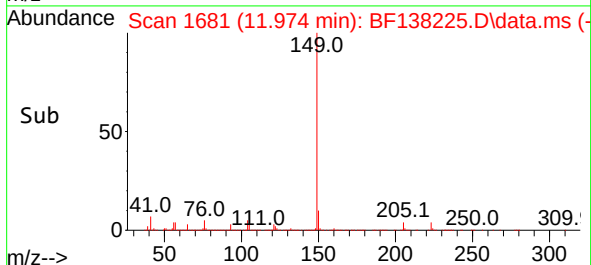
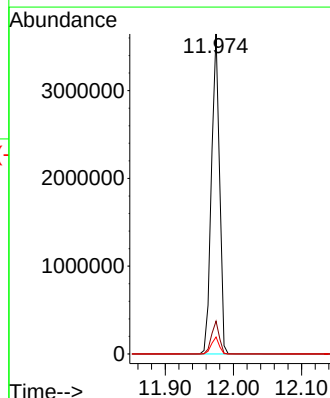
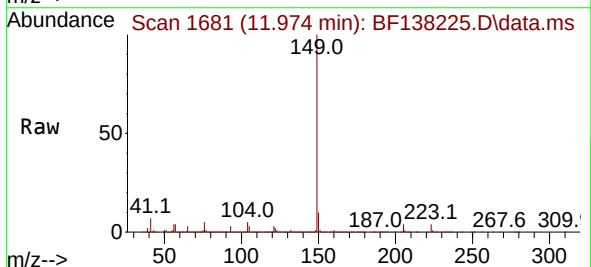
Tgt Ion:149 Resp: 3011452

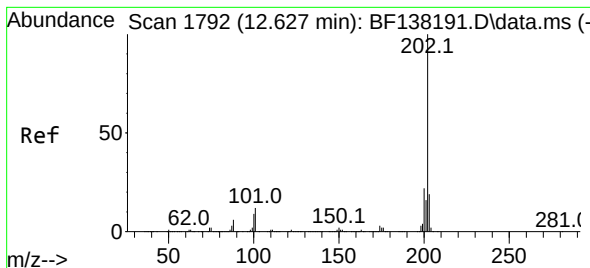
Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 43.825 ng

RT: 12.621 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

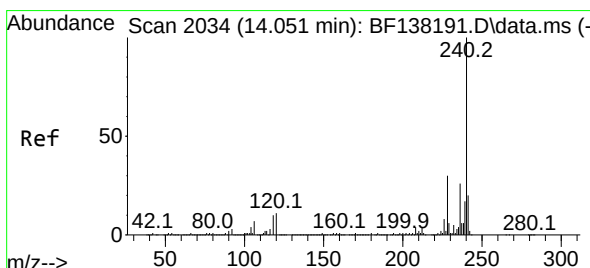
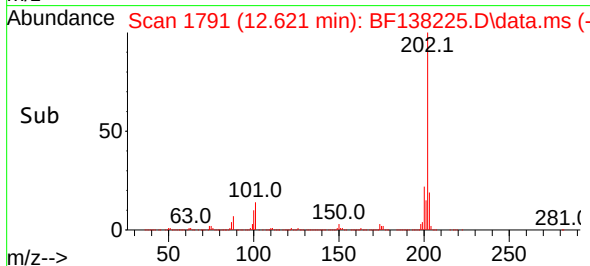
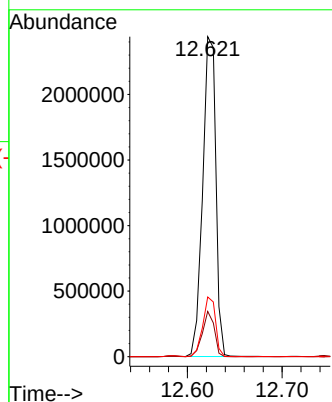
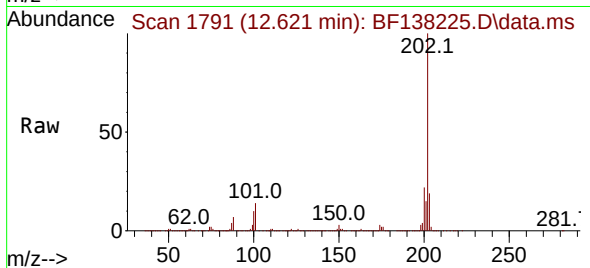
Tgt Ion:202 Resp: 2360409

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.8

203 18.6 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

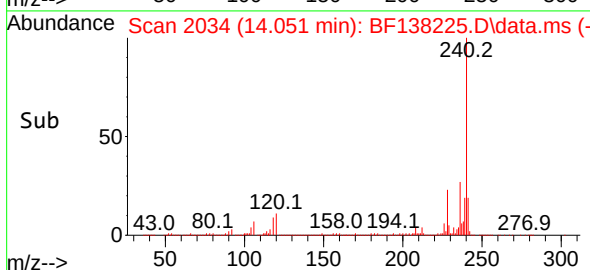
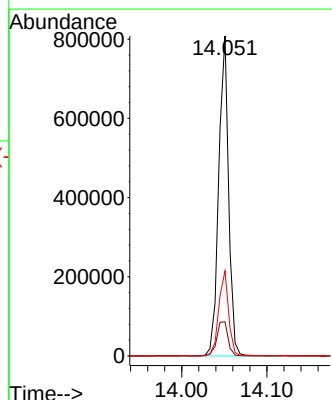
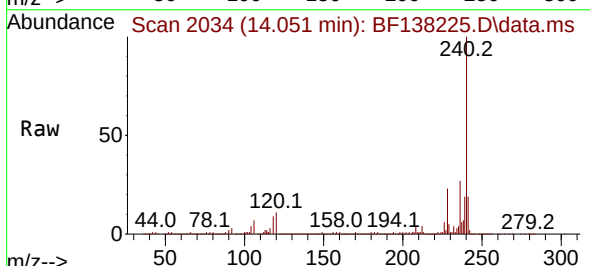
Tgt Ion:240 Resp: 651344

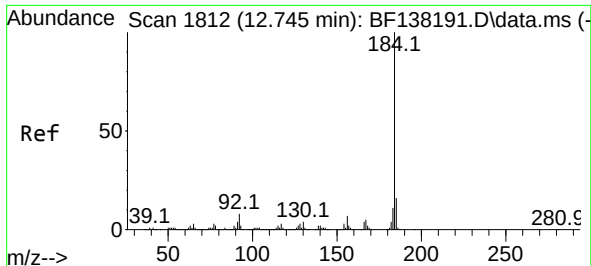
Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 26.6 21.0 31.6

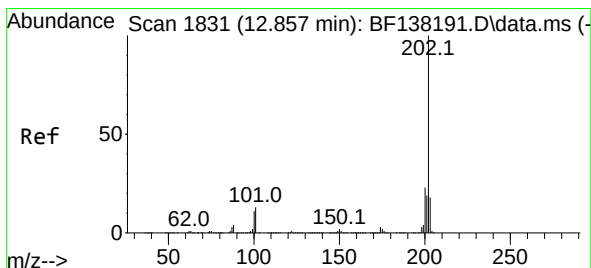
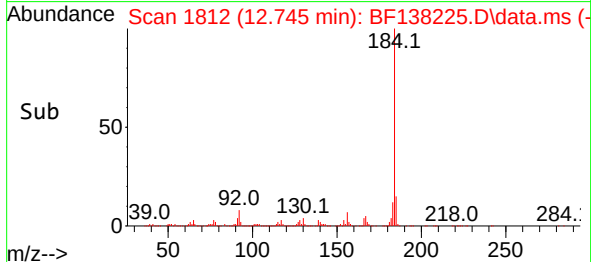
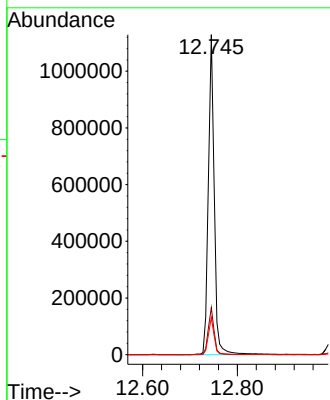
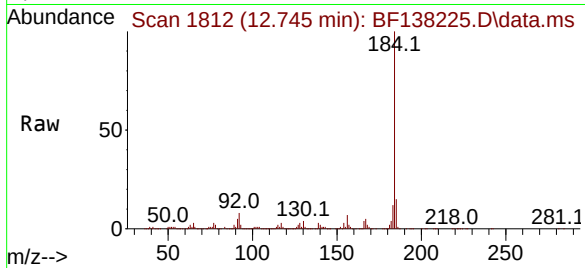




#77
Benzidine
Concen: 130.832 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

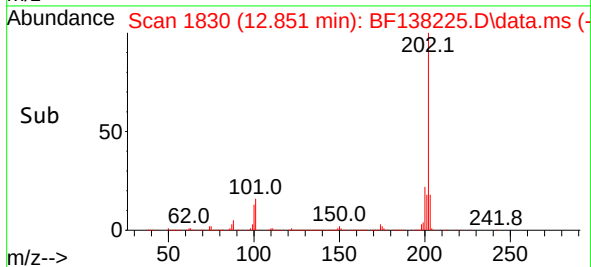
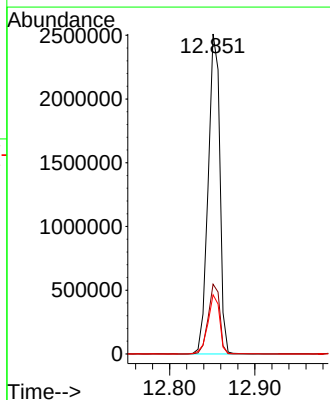
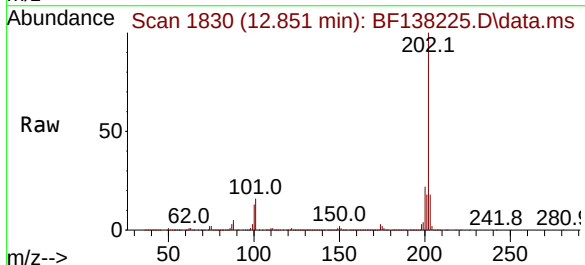
Instrument :
BNA_F
ClientSampleId :
POLEMSD

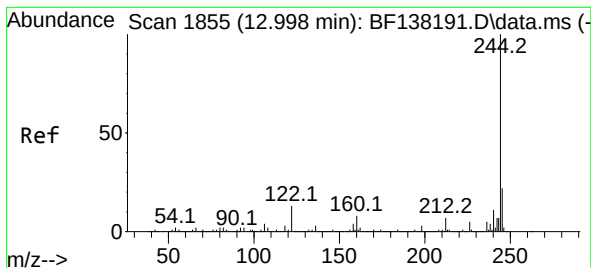
Tgt Ion:184 Resp: 985677
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 11.6 9.0 13.6



#78
Pyrene
Concen: 42.384 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:202 Resp: 2381204
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.5 14.7 22.1





#79

Terphenyl-d14

Concen: 60.443 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

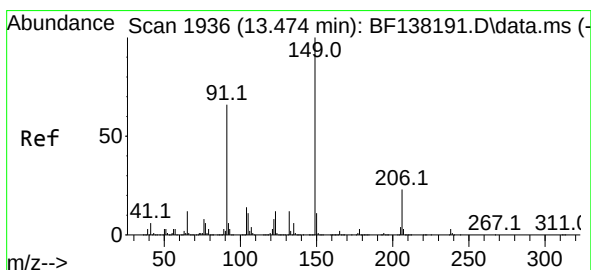
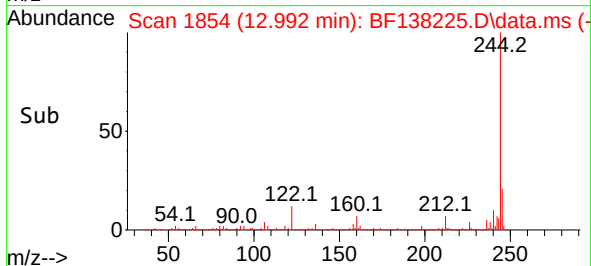
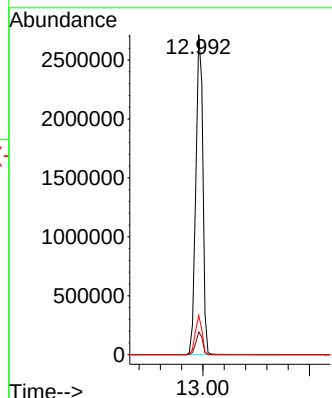
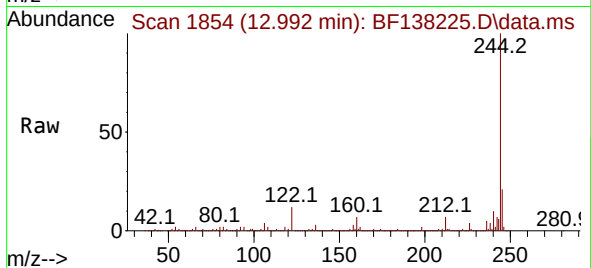
Tgt Ion:244 Resp: 2485674

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 12.2 10.6 15.8



#80

Butylbenzylphthalate

Concen: 67.985 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

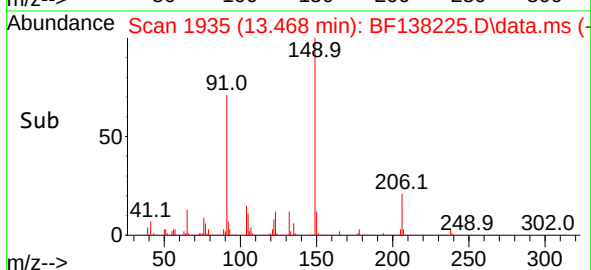
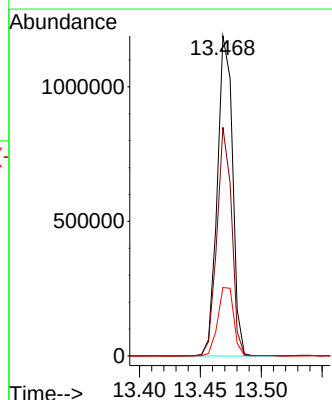
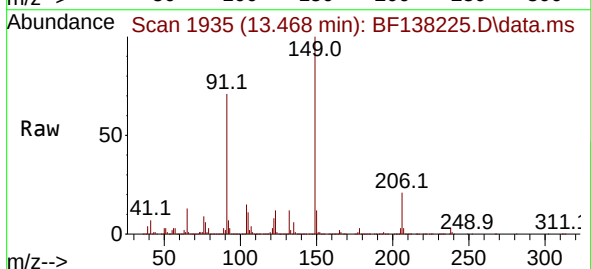
Tgt Ion:149 Resp: 1038956

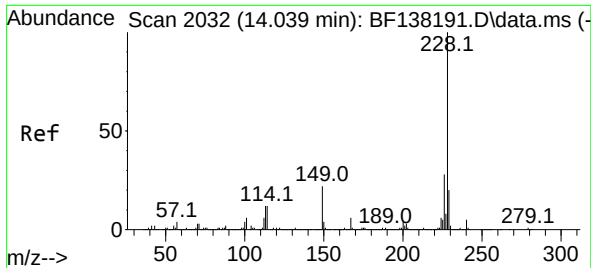
Ion Ratio Lower Upper

149 100

91 71.5 53.2 79.8

206 21.4 18.6 27.8

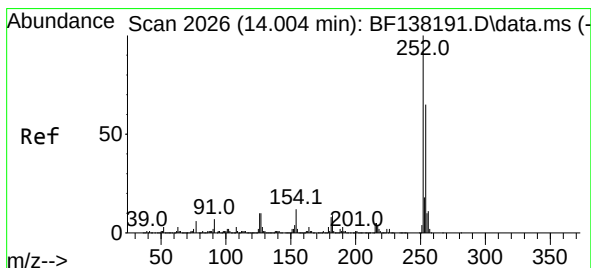
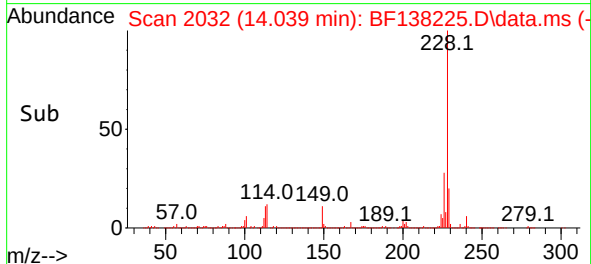
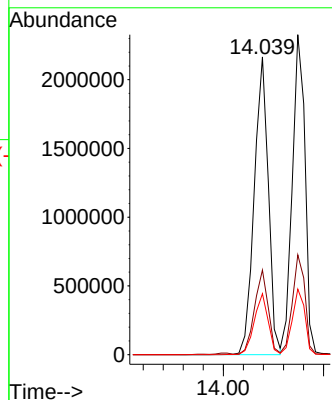
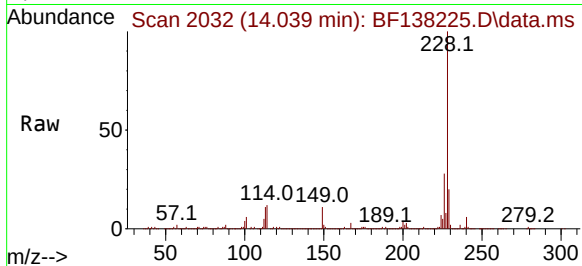




#81
Benzo(a)anthracene
Concen: 50.572 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

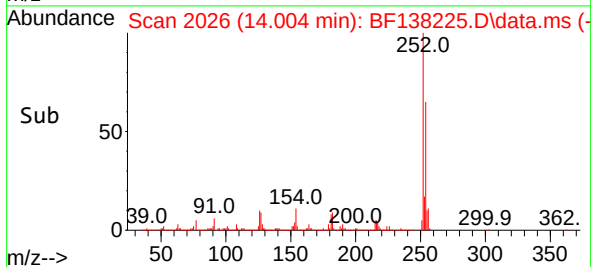
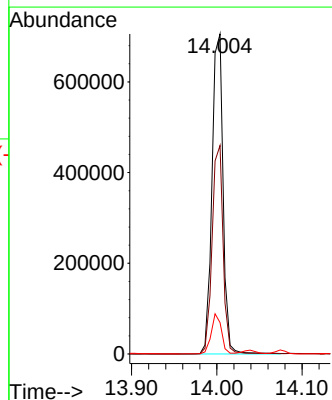
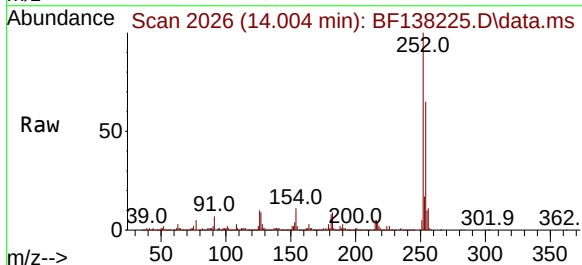
Instrument :
BNA_F
ClientSampleId :
POLEMSD

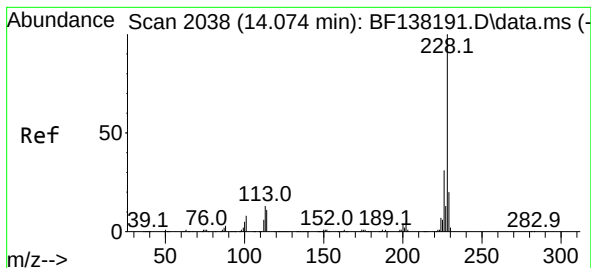
Tgt Ion:228 Resp: 2113273
Ion Ratio Lower Upper
228 100
226 28.4 22.5 33.7
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 55.372 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:252 Resp: 637183
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.6
126 9.8 8.3 12.5





#83

Chrysene

Concen: 51.567 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

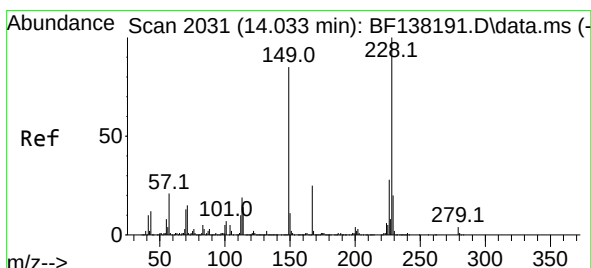
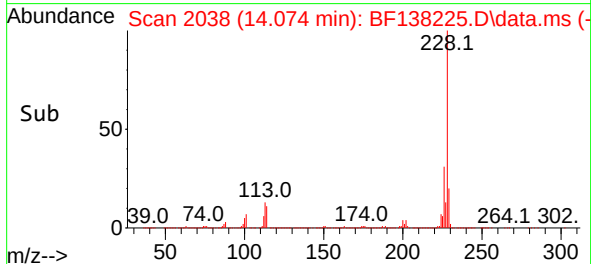
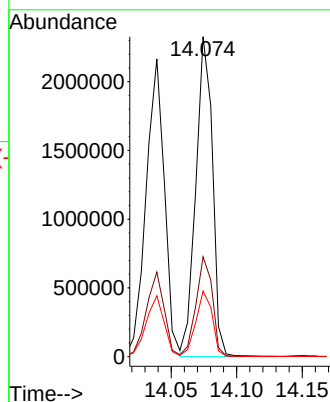
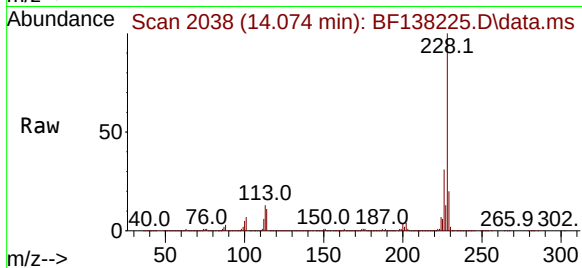
Tgt Ion:228 Resp: 2053946

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.528 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

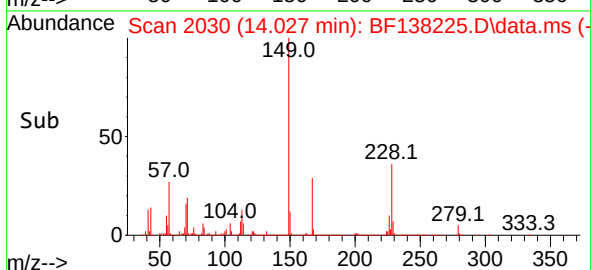
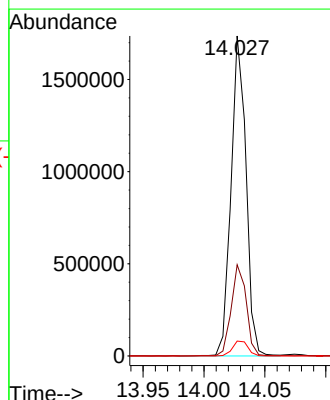
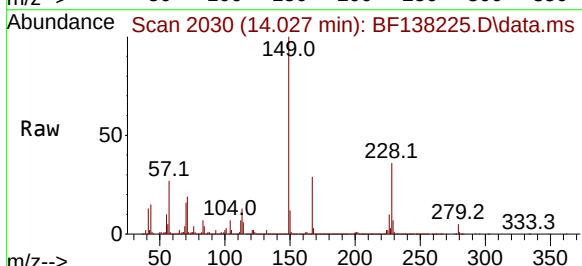
Tgt Ion:149 Resp: 1484626

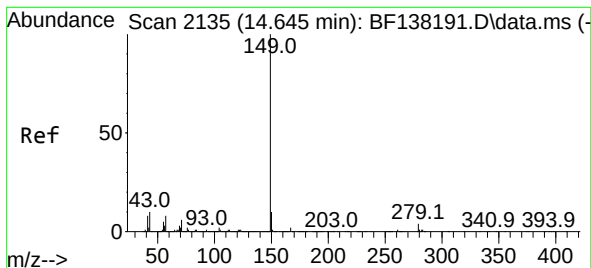
Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

279 4.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 96.963 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

POLEMSD

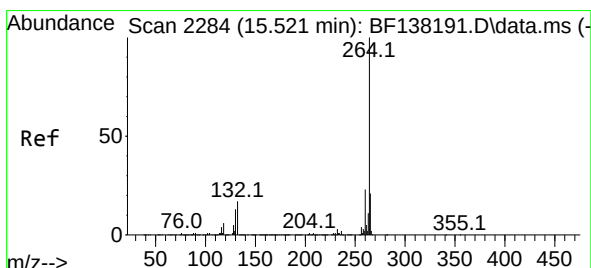
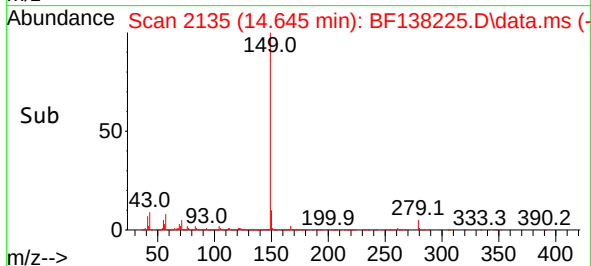
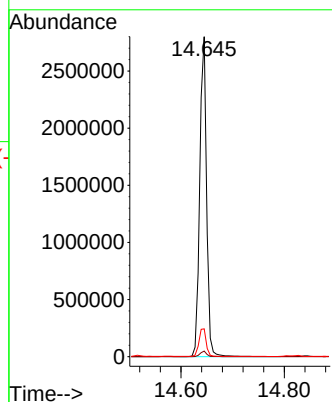
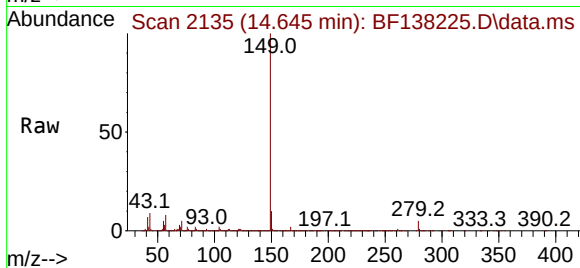
Tgt Ion:149 Resp: 2560326

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138225.D

Acq: 18 Jun 2024 15:30

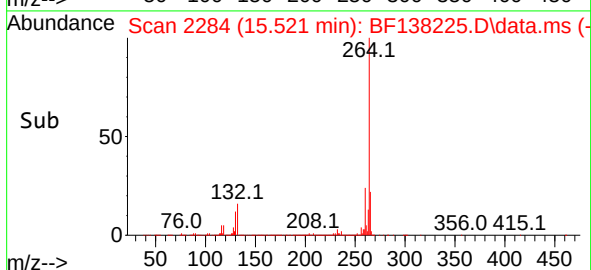
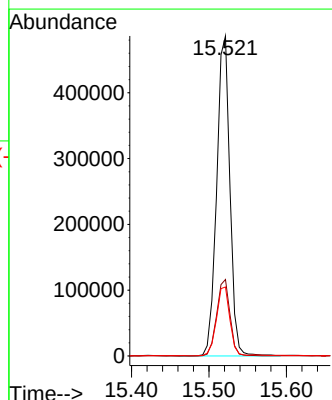
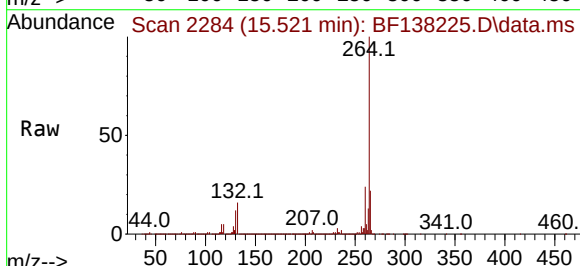
Tgt Ion:264 Resp: 576233

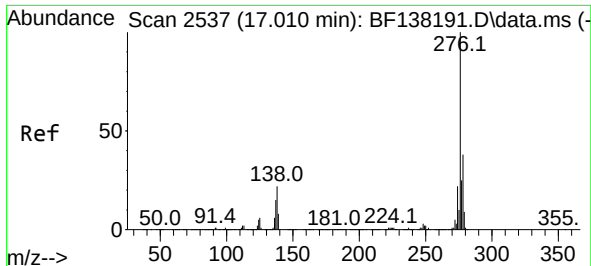
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 17.0 25.6

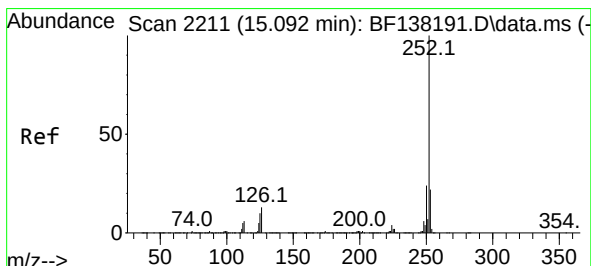
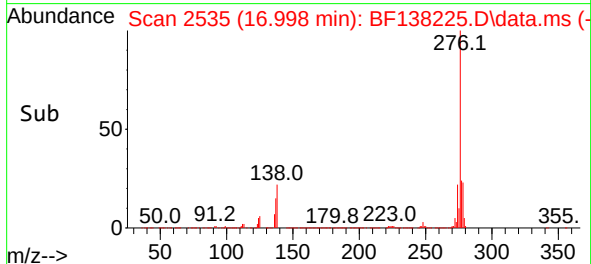
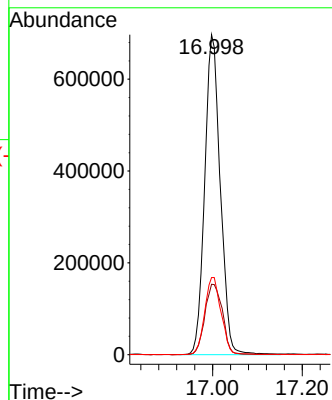
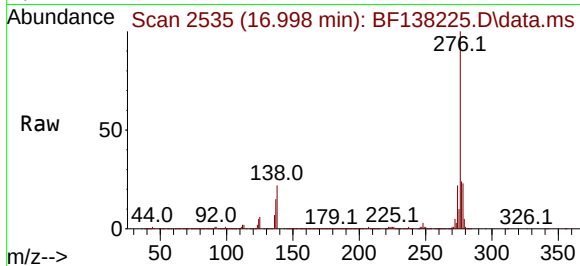




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.660 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

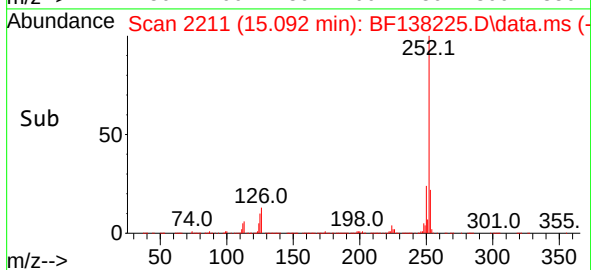
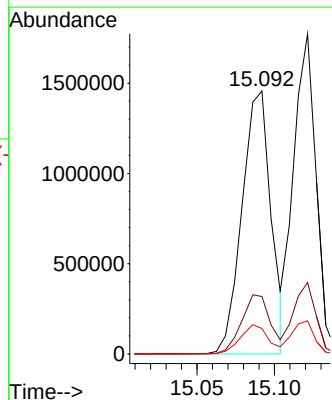
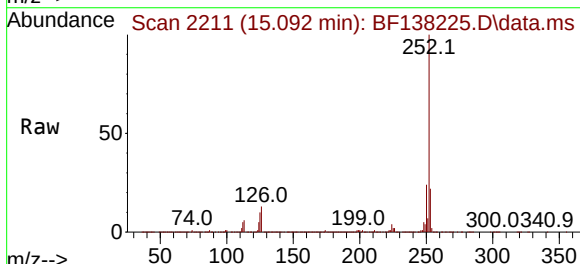
Instrument :
BNA_F
ClientSampleId :
POLEMSD

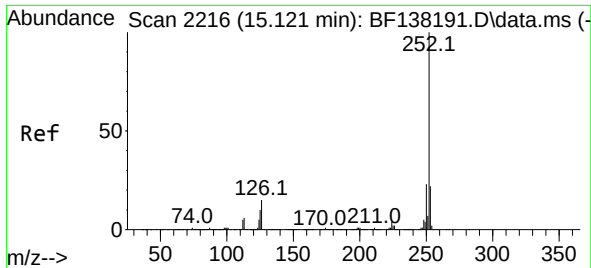
Tgt Ion:276 Resp: 1677658
Ion Ratio Lower Upper
276 100
138 24.9 19.3 28.9
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 55.852 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:252 Resp: 1897934
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.7 7.8 11.8

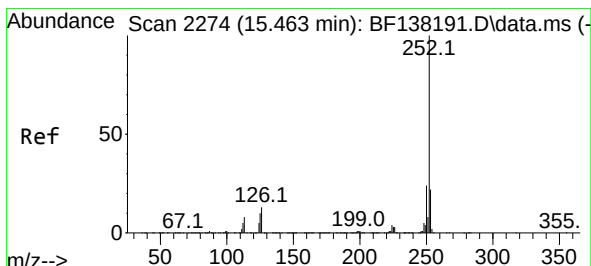
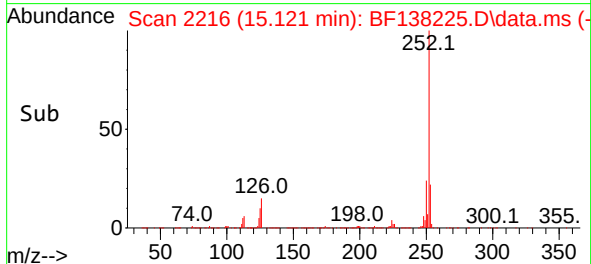
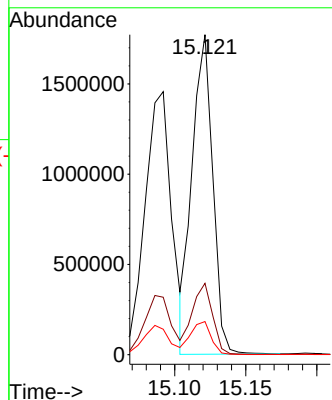
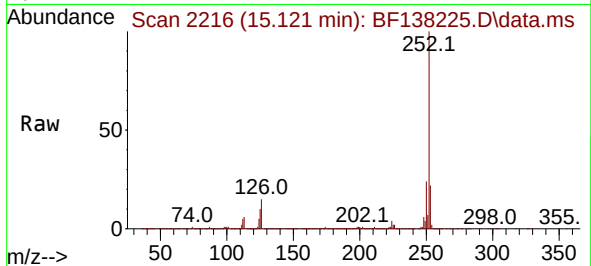




#89
Benzo(k)fluoranthene
Concen: 53.667 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

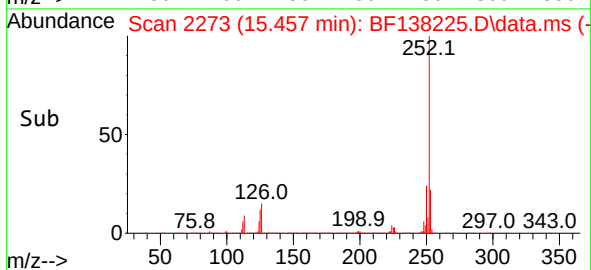
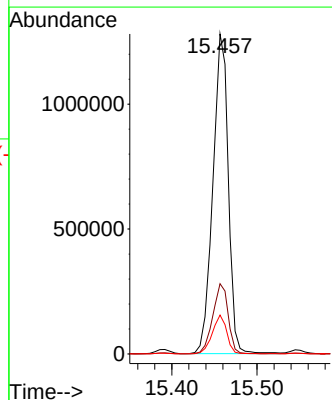
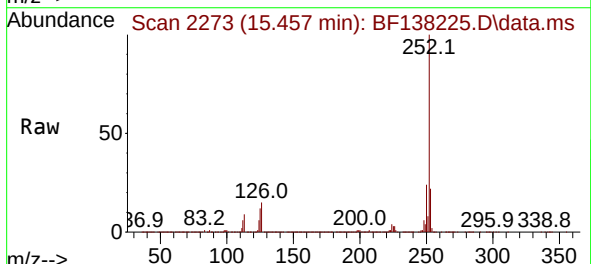
Instrument :
BNA_F
ClientSampleId :
POLEMSD

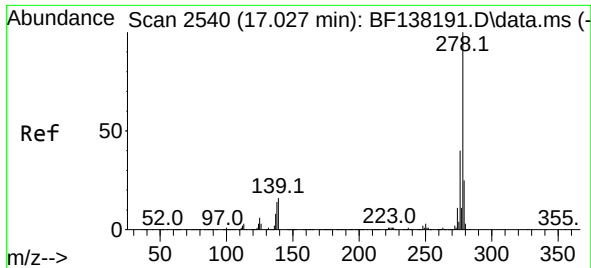
Tgt Ion:252 Resp: 1787264
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 54.969 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138225.D
Acq: 18 Jun 2024 15:30

Tgt Ion:252 Resp: 1604731
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.2 8.2 12.2

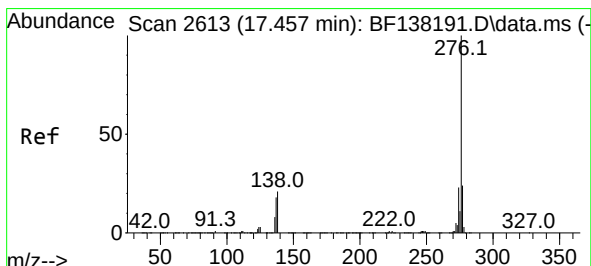
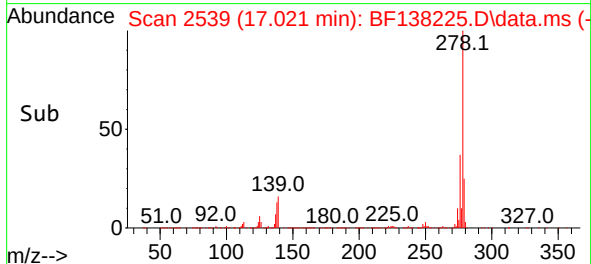
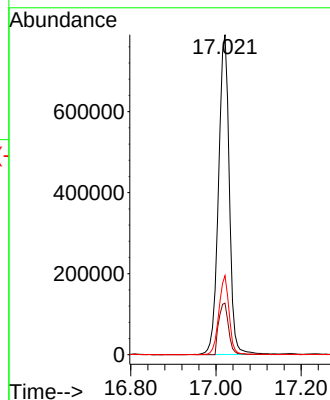
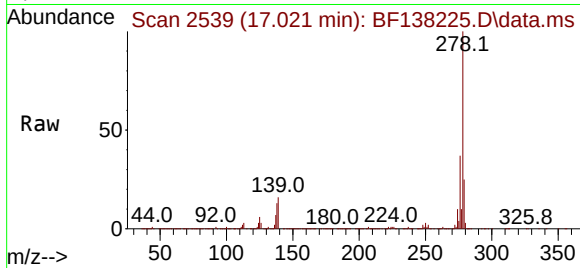




#91
 Dibenzo(a,h)anthracene
 Concen: 45.074 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138225.D
 Acq: 18 Jun 2024 15:30

Instrument :
 BNA_F
 ClientSampleId :
 POLEMSD

Tgt Ion:278 Resp: 1389777
 Ion Ratio Lower Upper
 278 100
 139 16.1 12.9 19.3
 279 24.7 19.9 29.9



#92
 Benzo(g,h,i)perylene
 Concen: 39.509 ng
 RT: 17.445 min Scan# 2611
 Delta R.T. -0.012 min
 Lab File: BF138225.D
 Acq: 18 Jun 2024 15:30

Tgt Ion:276 Resp: 1260235
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.5 29.3
 138 22.1 16.6 24.8

