

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138224.D
 Acq On : 18 Jun 2024 15:00
 Operator : CG\JU
 Sample : P2918-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLEMS

Quant Time: Jun 18 15:27:14 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	369496	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1458337	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	744683	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1023354	20.000	ng	0.00
76) Chrysene-d12	14.051	240	660691	20.000	ng	0.00
86) Perylene-d12	15.521	264	603710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2075057	93.945	ng	0.01
7) Phenol-d6	6.528	99	2621147	93.584	ng	0.00
23) Nitrobenzene-d5	7.457	82	1599914	63.868	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	620387	83.684	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2902906	61.987	ng	0.00
79) Terphenyl-d14	12.998	244	2263961	54.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	353635	34.985	ng	99
3) Pyridine	3.522	79	949308	39.515	ng	97
4) n-Nitrosodimethylamine	3.475	42	480534	43.219	ng	93
6) Aniline	6.557	93	1083122	39.522	ng	99
8) 2-Chlorophenol	6.681	128	1119546	46.882	ng	99
9) Benzaldehyde	6.445	77	321165	21.589	ng	96
10) Phenol	6.539	94	1351589	47.551	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	1041579	45.786	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1145227	42.199	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1156211	42.334	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1102715	43.010	ng	100
15) Benzyl Alcohol	7.039	79	921944	48.818	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1414922	44.070	ng	98
17) 2-Methylphenol	7.145	107	882312	46.830	ng	98
18) Hexachloroethane	7.404	117	396975	42.904	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	758603	45.693	ng	99
20) 3+4-Methylphenols	7.298	107	1029408	43.409	ng	94
22) Acetophenone	7.304	105	1299532	39.008	ng	# 94
24) Nitrobenzene	7.481	77	1101807	42.556	ng	94
25) Isophorone	7.716	82	2075200	45.799	ng	100
26) 2-Nitrophenol	7.792	139	565920	54.358	ng	96
27) 2,4-Dimethylphenol	7.828	122	757359	47.816	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1294846	45.651	ng	100
29) 2,4-Dichlorophenol	8.033	162	908097	44.532	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	999405	41.558	ng	99
31) Naphthalene	8.198	128	2987650	41.431	ng	100
32) Benzoic acid	7.945	122	479944	34.380	ng	99
33) 4-Chloroaniline	8.245	127	506453	18.791	ng	98
34) Hexachlorobutadiene	8.316	225	568949	40.452	ng	98
35) Caprolactam	8.622	113	221137	35.920	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	914435	45.038	ng	95
37) 2-Methylnaphthalene	8.886	142	1983922	41.920	ng	98
38) 1-Methylnaphthalene	8.986	142	1851878	39.931	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	912796	41.946	ng	99
41) Hexachlorocyclopentadiene	9.039	237	531546	74.912	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	641138	47.054	ng	97

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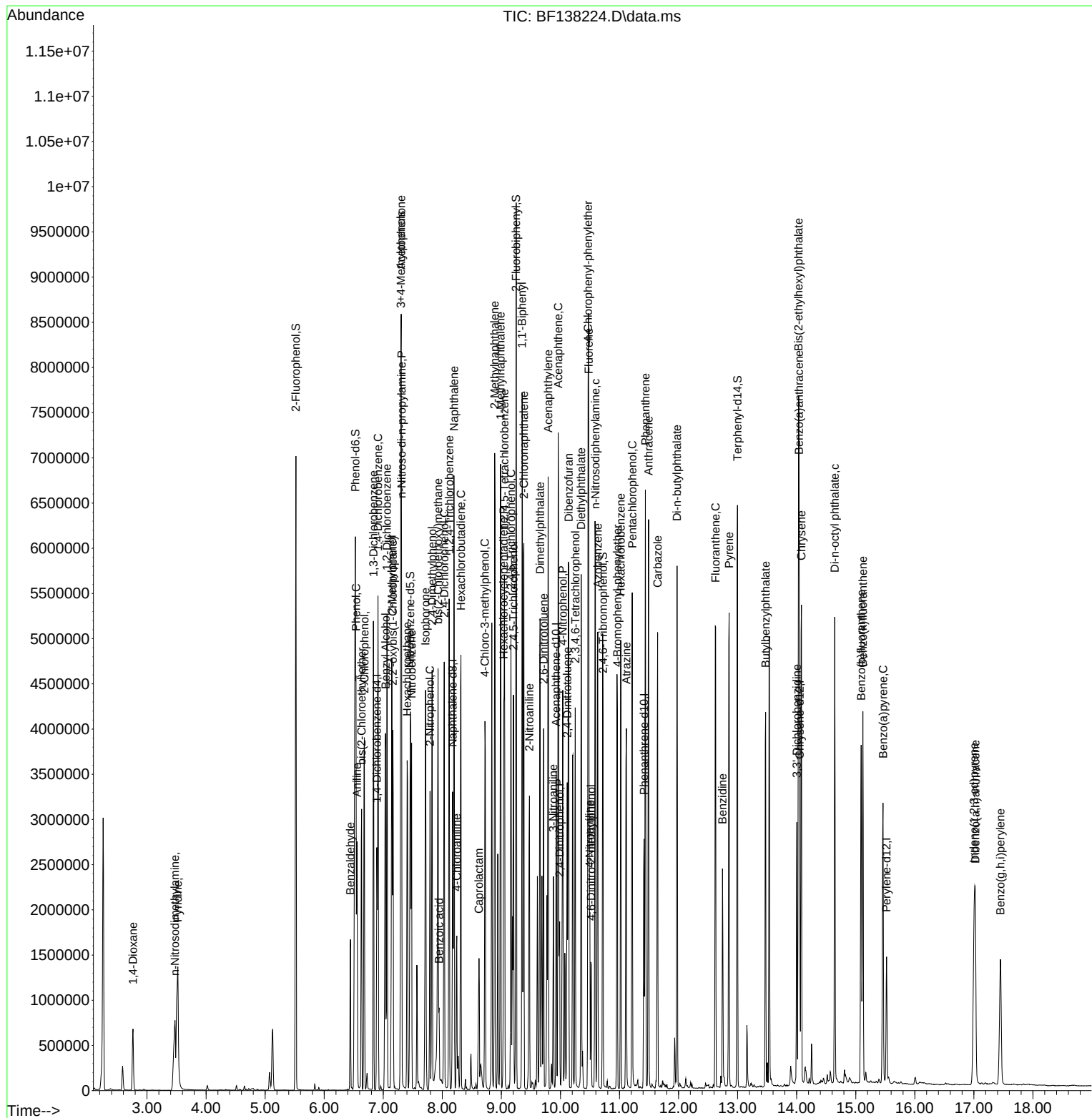
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	657585	43.946	ng	99
46) 1,1'-Biphenyl	9.351	154	2272502	41.588	ng	100
47) 2-Chloronaphthalene	9.380	162	1868973	43.278	ng	97
48) 2-Nitroaniline	9.475	65	514084	49.430	ng	91
49) Acenaphthylene	9.792	152	2772830	45.789	ng	99
50) Dimethylphthalate	9.657	163	2236298	49.013	ng	99
51) 2,6-Dinitrotoluene	9.716	165	481716	48.666	ng	91
52) Acenaphthene	9.963	154	1779379	43.091	ng	100
53) 3-Nitroaniline	9.880	138	362956	34.324	ng	99
54) 2,4-Dinitrophenol	9.986	184	245713	55.727	ng	91
55) Dibenzofuran	10.139	168	2423772	41.988	ng	99
56) 4-Nitrophenol	10.039	139	574568	68.758	ng	96
57) 2,4-Dinitrotoluene	10.116	165	577383	47.293	ng	92
58) Fluorene	10.480	166	1782522	39.274	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	483562	41.350	ng	99
60) Diethylphthalate	10.351	149	2118978	48.932	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	963188	42.611	ng	97
62) 4-Nitroaniline	10.498	138	379387	35.909	ng	96
63) Azobenzene	10.633	77	1883543	43.415	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	201217	39.947	ng	81
66) n-Nitrosodiphenylamine	10.592	169	1645242	52.513	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	597128	51.783	ng	98
68) Hexachlorobenzene	11.022	284	627723	46.646	ng	99
69) Atrazine	11.116	200	489205	54.820	ng	98
70) Pentachlorophenol	11.216	266	606118	77.229	ng	96
71) Phenanthrene	11.439	178	2287014	45.190	ng	100
72) Anthracene	11.492	178	2286548	45.506	ng	100
73) Carbazole	11.645	167	1885102	40.904	ng	99
74) Di-n-butylphthalate	11.974	149	2712911	56.862	ng	99
75) Fluoranthene	12.627	202	2136214	41.394	ng	98
77) Benzidine	12.745	184	894178	117.008	ng	98
78) Pyrene	12.857	202	2188383	38.400	ng	99
80) Butylbenzylphthalate	13.474	149	942214	60.783	ng	97
81) Benzo(a)anthracene	14.039	228	1946468	45.922	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	604286	51.770	ng	99
83) Chrysene	14.080	228	1933130	47.847	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1337814	74.203	ng	99
85) Di-n-octyl phthalate	14.645	149	2381360	88.910	ng	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1585868	40.295	ng	99
88) Benzo(b)fluoranthene	15.092	252	1792415	50.347	ng	99
89) Benzo(k)fluoranthene	15.121	252	1755860	50.325	ng	99
90) Benzo(a)pyrene	15.462	252	1522629	49.783	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1283763	39.740	ng	98
92) Benzo(g,h,i)perylene	17.450	276	1183342	35.410	ng	98

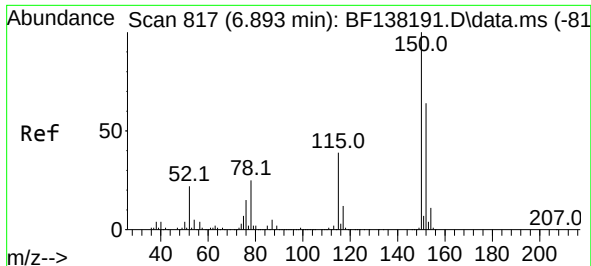
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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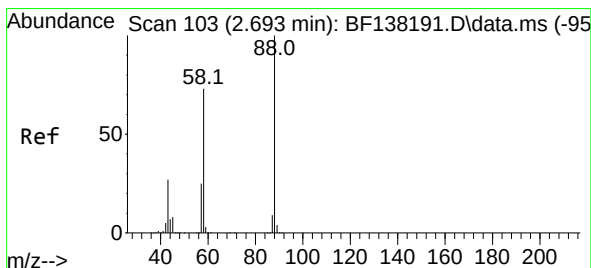
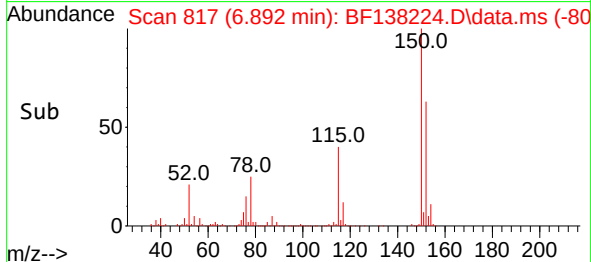
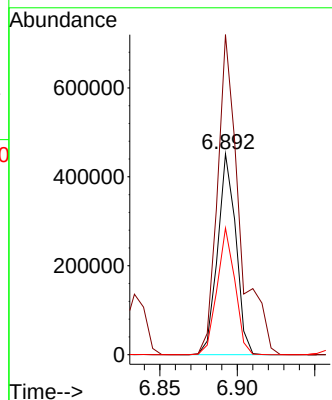
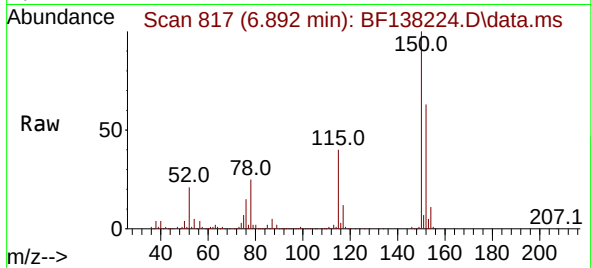




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

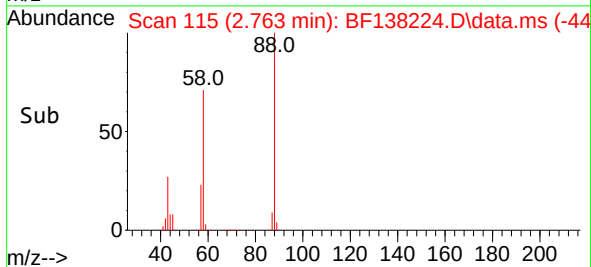
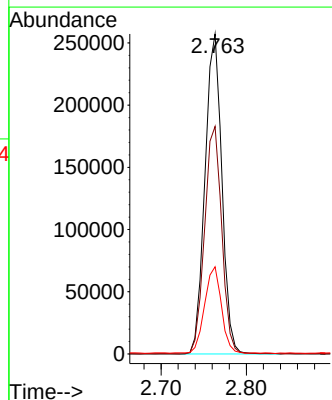
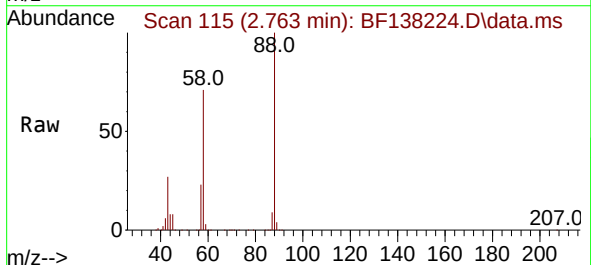
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ClientSampleId :
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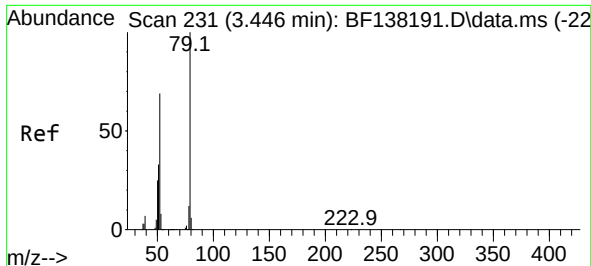
Tgt Ion:152 Resp: 369496
Ion Ratio Lower Upper
152 100
150 159.3 125.0 187.4
115 63.1 48.4 72.6



#2
1,4-Dioxane
Concen: 34.985 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.070 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

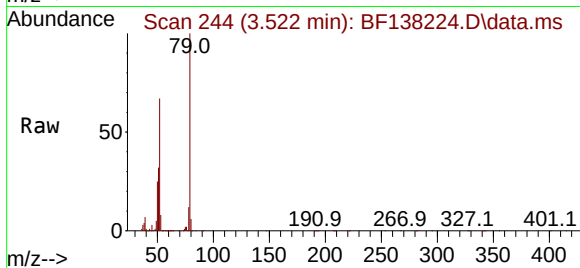
Tgt Ion: 88 Resp: 353635
Ion Ratio Lower Upper
88 100
58 72.4 58.6 87.8
43 26.9 22.4 33.6



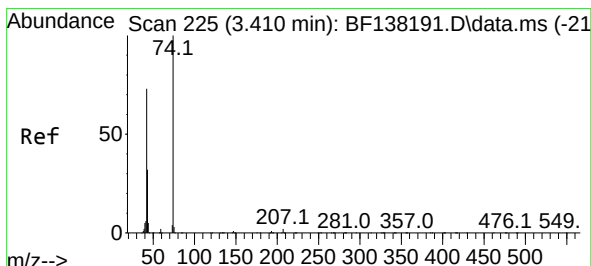
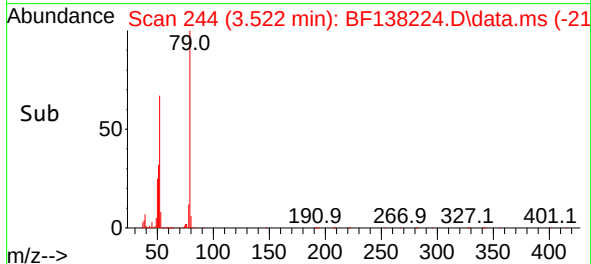
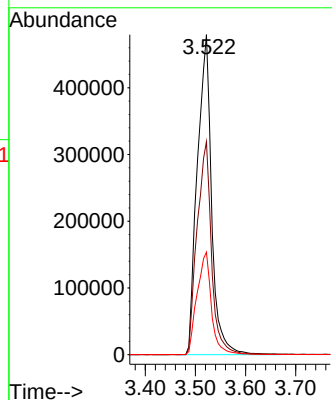


#3
Pyridine
Concen: 39.515 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
POLEMS

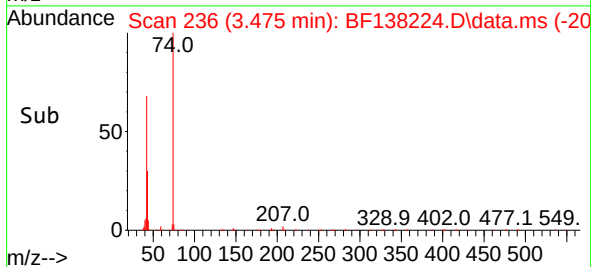
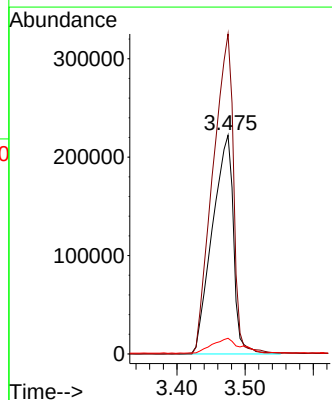
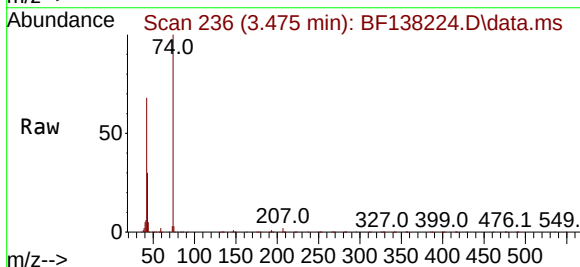


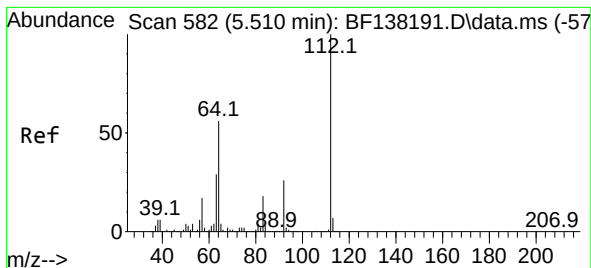
Tgt Ion: 79 Resp: 949308
Ion Ratio Lower Upper
79 100
52 66.5 55.0 82.4
51 32.0 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 43.219 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.064 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion: 42 Resp: 480534
Ion Ratio Lower Upper
42 100
74 146.3 109.9 164.9
44 7.1 5.2 7.8

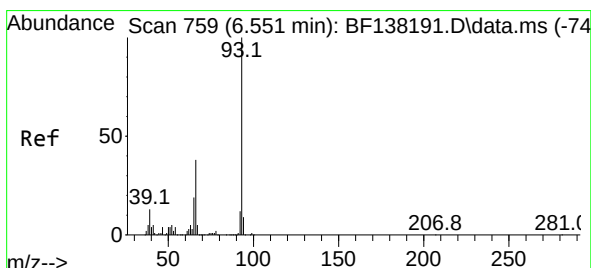
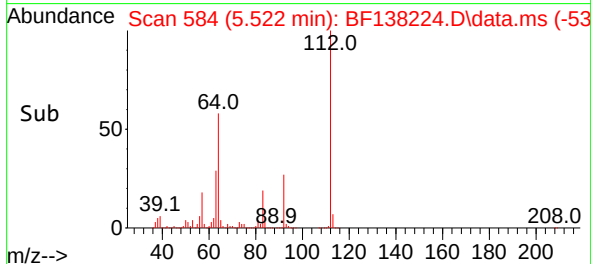
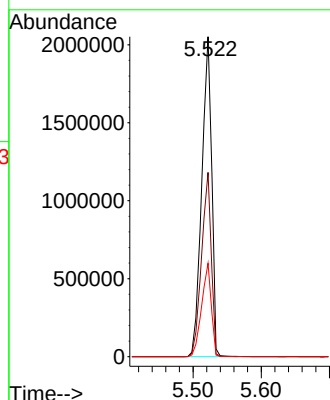
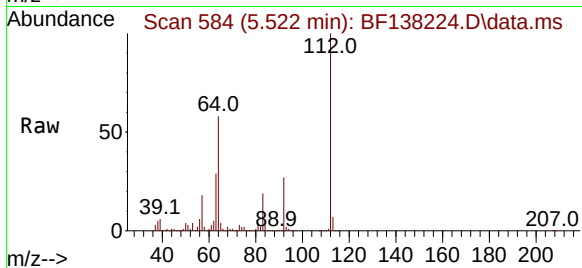




#5
2-Fluorophenol
Concen: 93.945 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

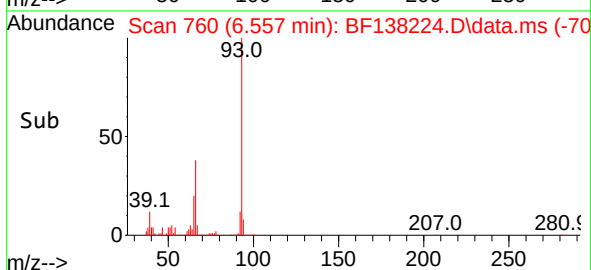
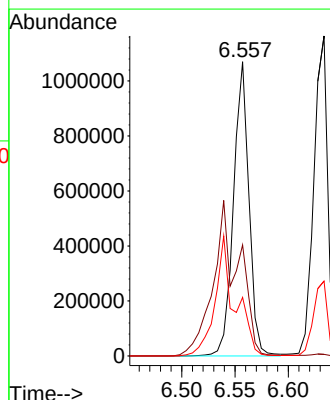
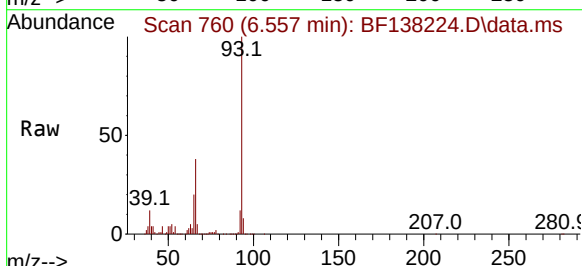
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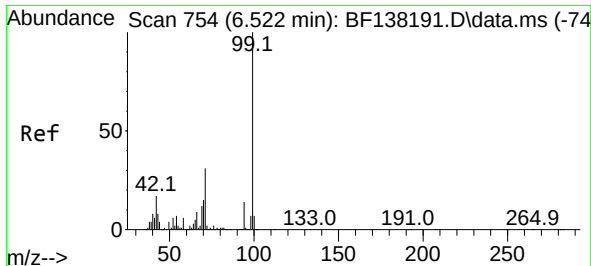
Tgt Ion:112 Resp: 2075057
Ion Ratio Lower Upper
112 100
64 57.6 45.2 67.8
63 29.2 22.9 34.3



#6
Aniline
Concen: 39.522 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion: 93 Resp: 1083122
Ion Ratio Lower Upper
93 100
66 37.8 30.8 46.2
65 19.9 15.5 23.3

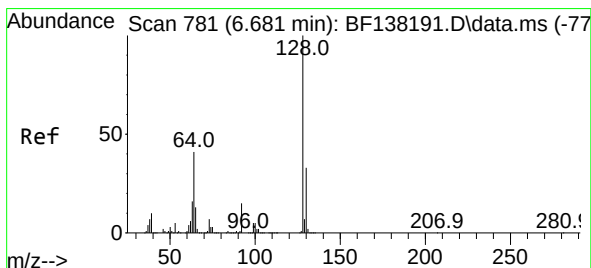
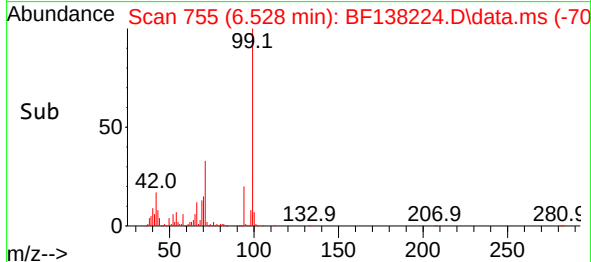
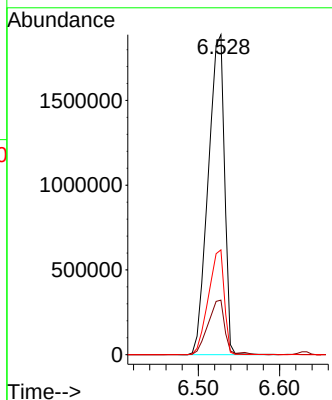
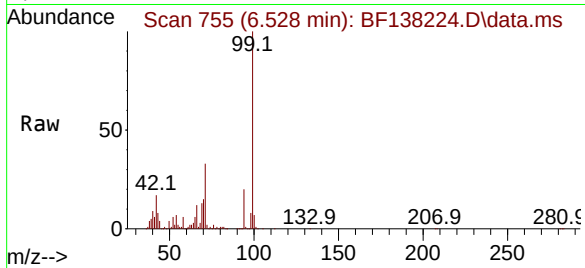




#7
Phenol-d6
Concen: 93.584 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

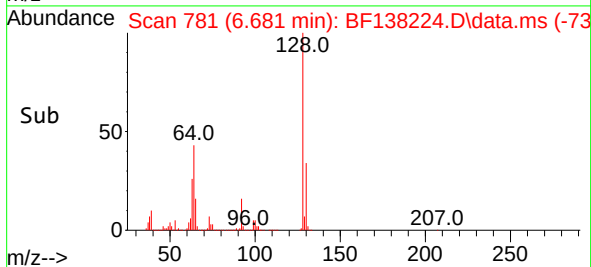
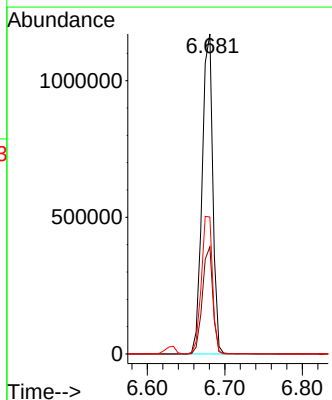
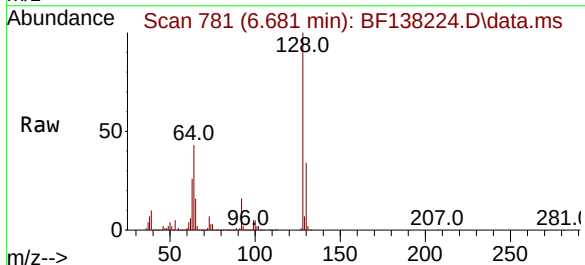
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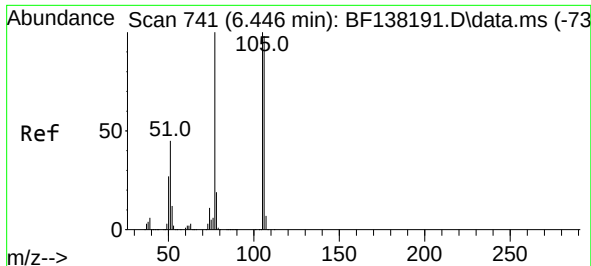
Tgt Ion: 99 Resp: 2621147
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 32.7 25.0 37.6



#8
2-Chlorophenol
Concen: 46.882 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:128 Resp: 1119546
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 42.8 21.8 61.8

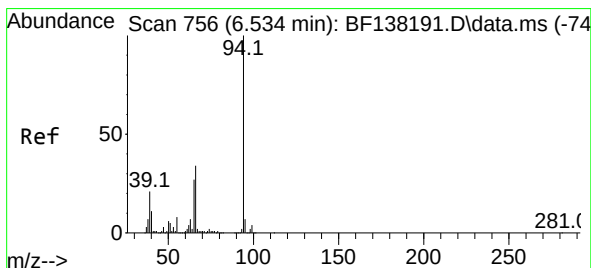
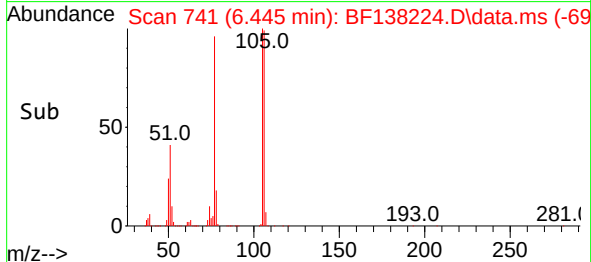
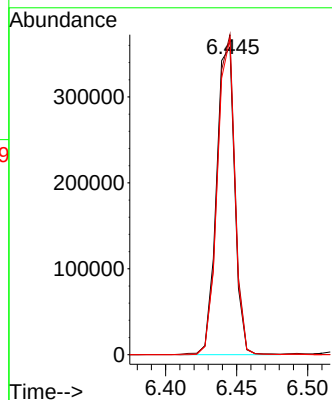
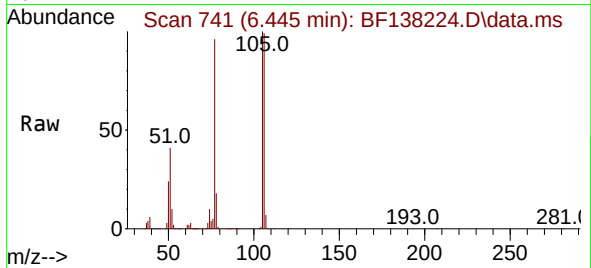




#9
Benzaldehyde
Concen: 21.589 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.001 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

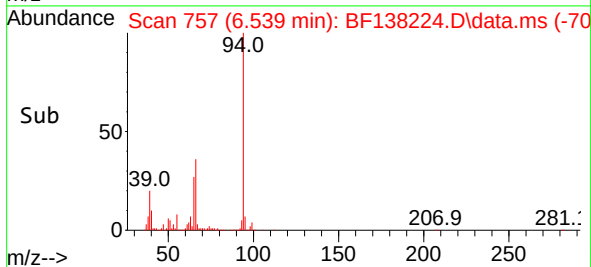
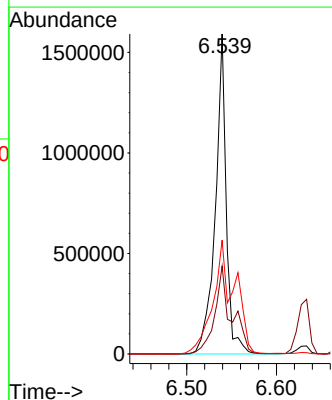
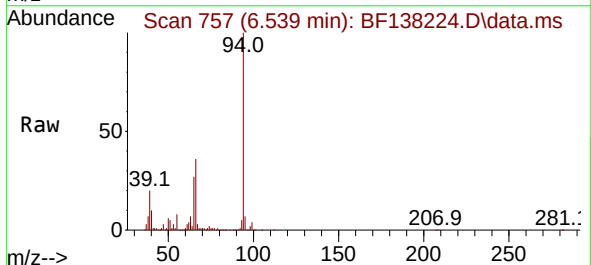
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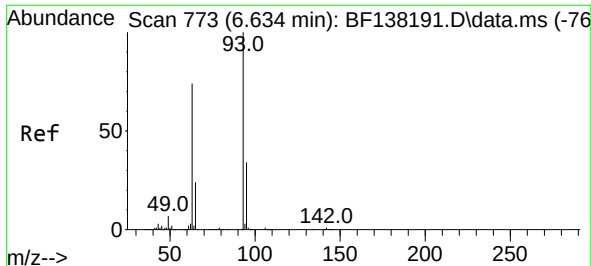
Tgt Ion: 77 Resp: 321165
Ion Ratio Lower Upper
77 100
105 104.1 80.1 120.1
106 102.7 77.8 117.8



#10
Phenol
Concen: 47.551 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138224.D
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Tgt Ion: 94 Resp: 1351589
Ion Ratio Lower Upper
94 100
65 27.4 6.8 46.8
66 35.5 14.2 54.2



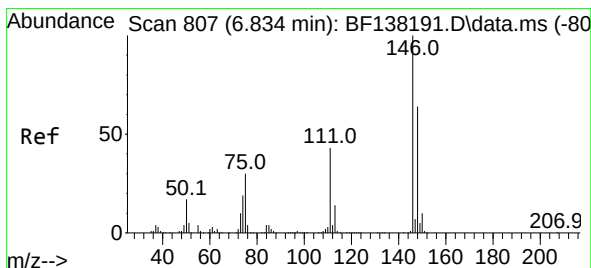
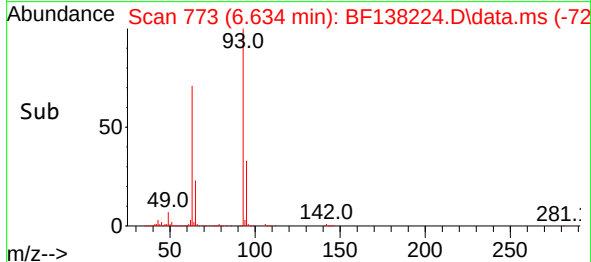
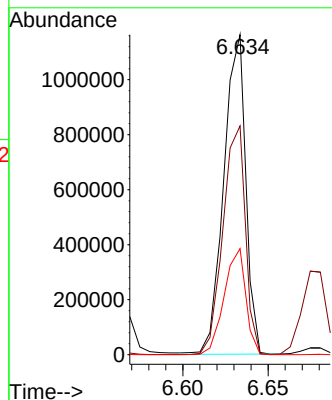
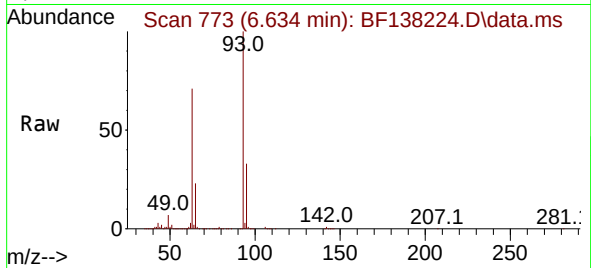


#11
bis(2-Chloroethyl)ether
Concen: 45.786 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
POLEMS

Tgt Ion: 93 Resp: 1041579

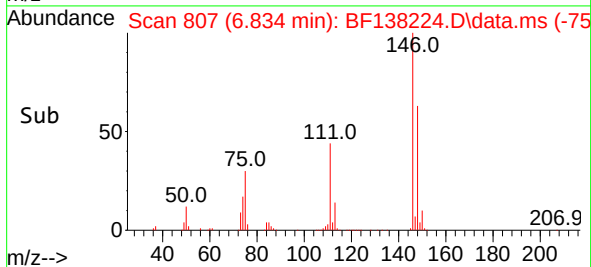
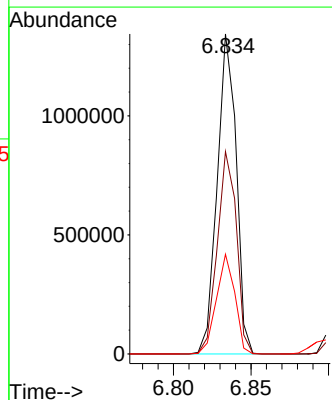
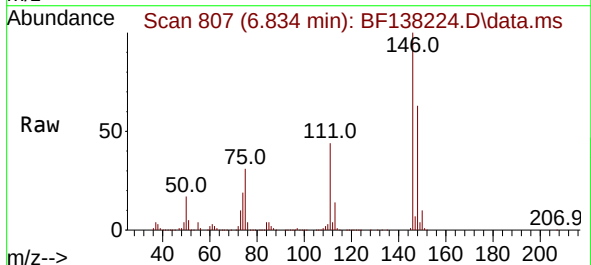
Ion	Ratio	Lower	Upper
93	100		
63	71.5	52.5	92.5
95	33.2	13.2	53.2

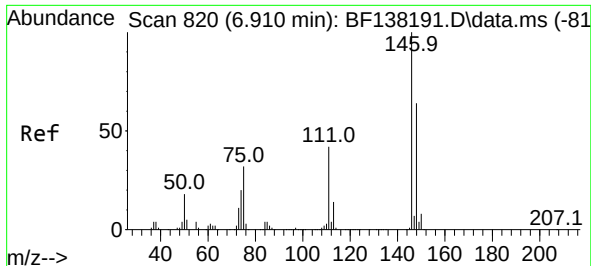


#12
1,3-Dichlorobenzene
Concen: 42.199 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:146 Resp: 1145227

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
75	31.2	24.3	36.5

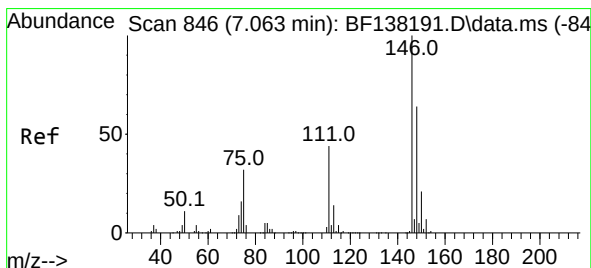
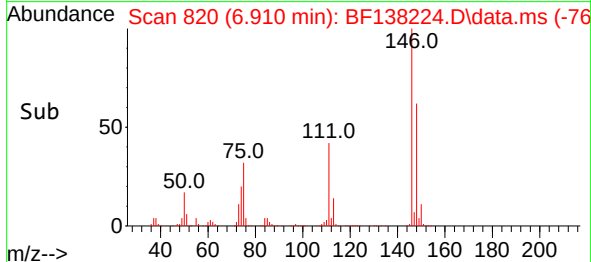
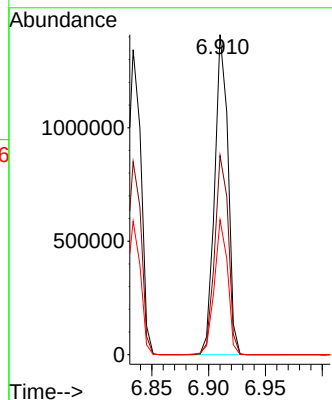
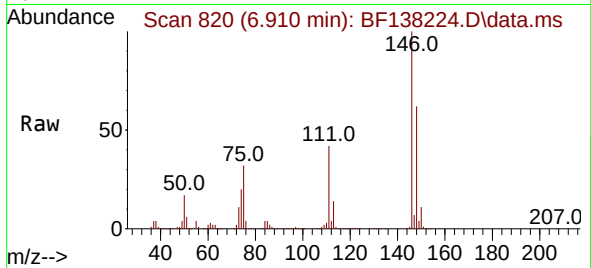




#13
1,4-Dichlorobenzene
Concen: 42.334 ng
RT: 6.910 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

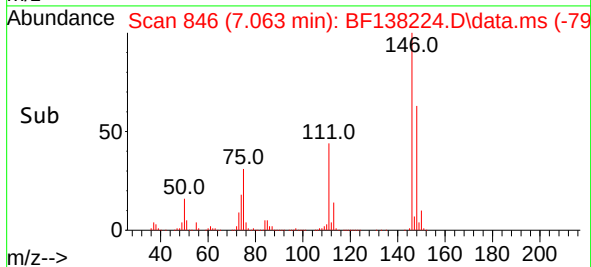
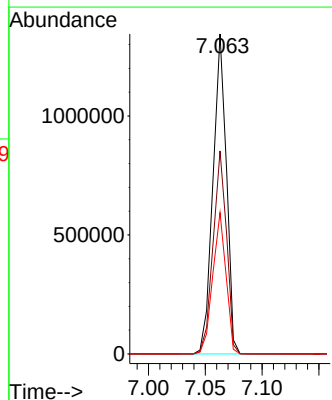
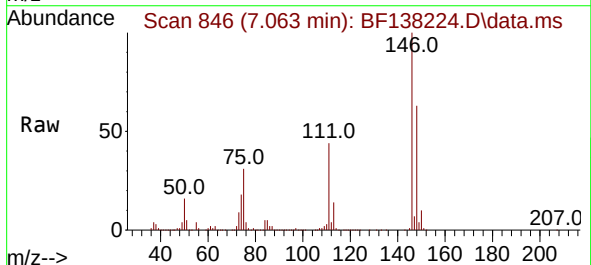
Instrument :
BNA_F
ClientSampleId :
POLEMS

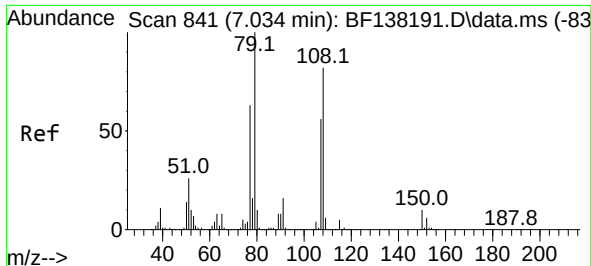
Tgt Ion:146 Resp: 1156211
Ion Ratio Lower Upper
146 100
148 62.3 51.1 76.7
111 42.1 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 43.010 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:146 Resp: 1102715
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 44.2 35.4 53.2

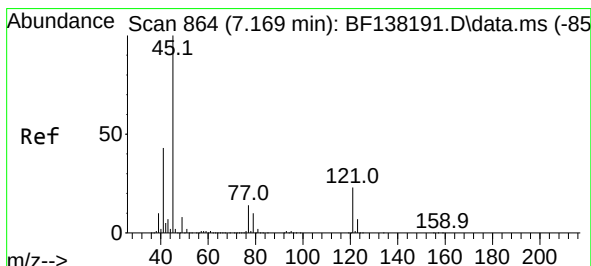
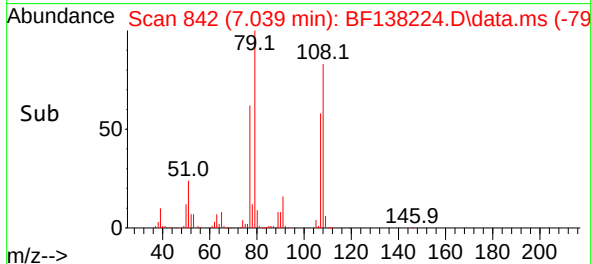
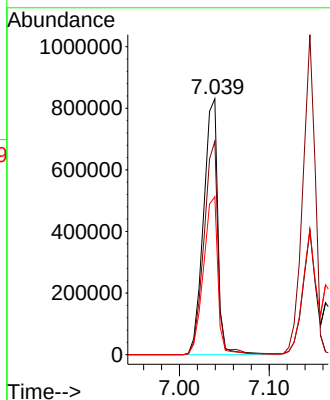
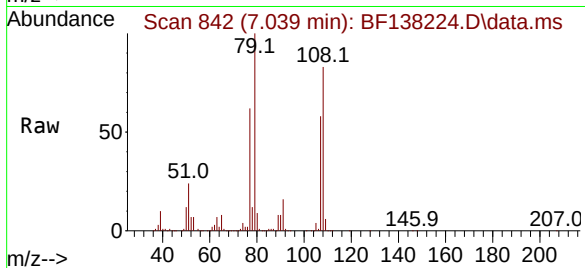




#15
Benzyl Alcohol
Concen: 48.818 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

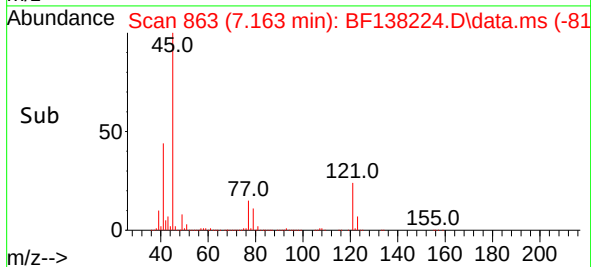
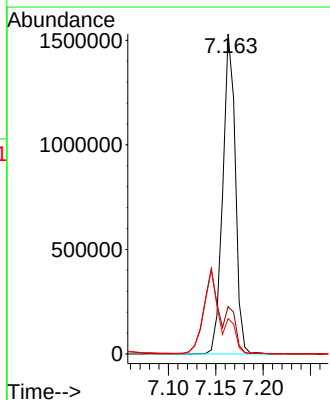
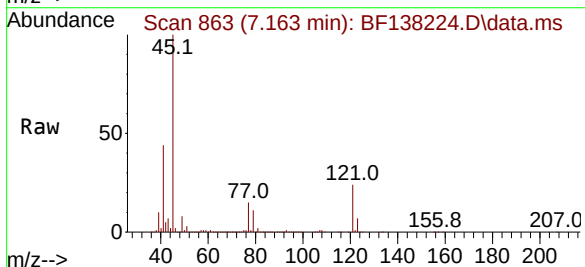
Instrument :
BNA_F
ClientSampleId :
POLEMS

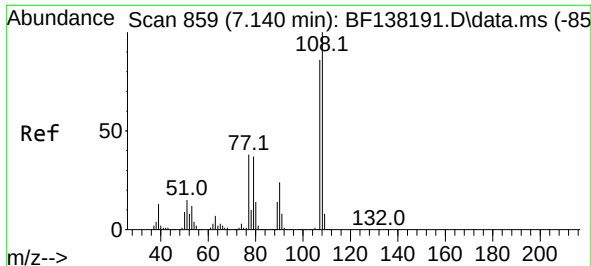
Tgt Ion: 79 Resp: 921944
Ion Ratio Lower Upper
79 100
108 83.4 65.9 98.9
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.070 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion: 45 Resp: 1414922
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.9
79 11.0 0.0 30.7

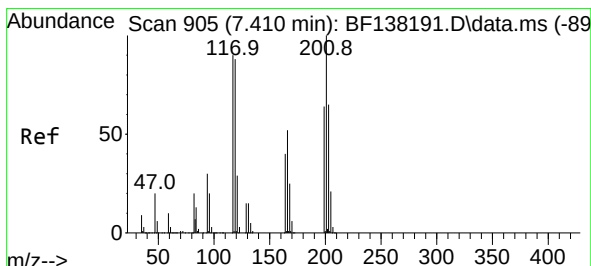
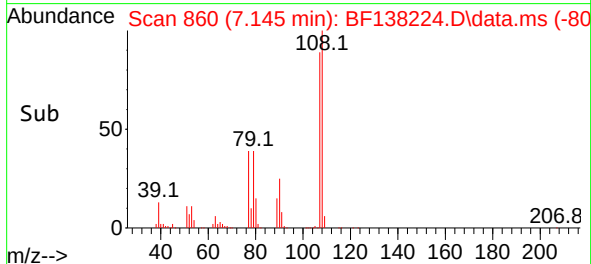
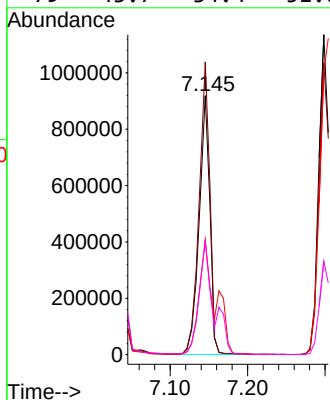
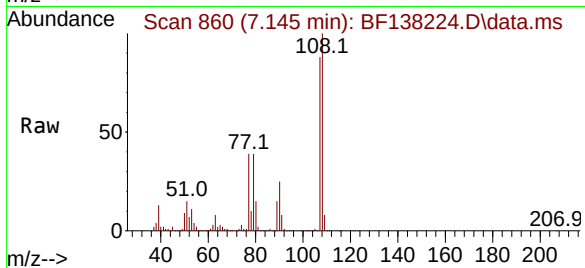




#17
2-Methylphenol
Concen: 46.830 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

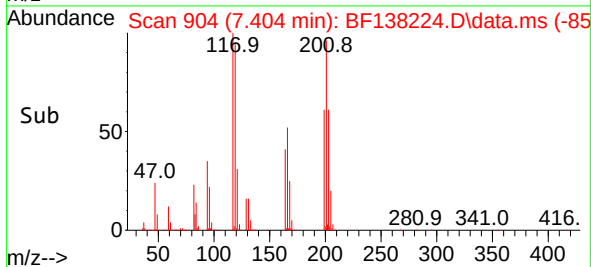
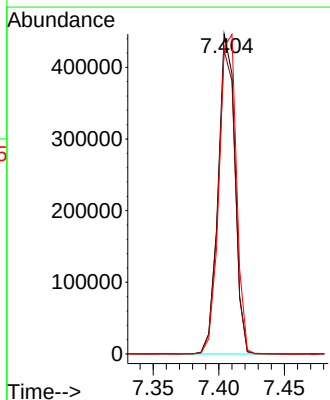
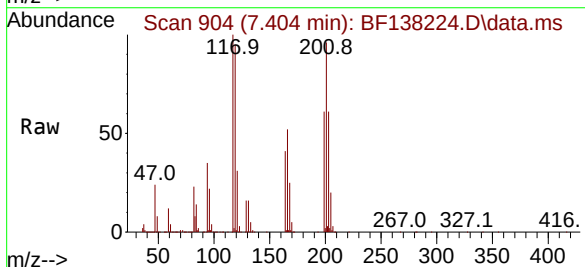
Instrument :
BNA_F
ClientSampleId :
POLEMS

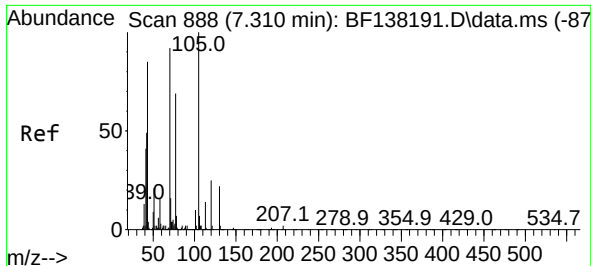
Tgt Ion:107 Resp: 882312
Ion Ratio Lower Upper
107 100
108 113.0 92.7 139.1
77 44.4 35.7 53.5
79 43.7 34.4 51.6



#18
Hexachloroethane
Concen: 42.904 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:117 Resp: 396975
Ion Ratio Lower Upper
117 100
119 94.9 78.4 117.6
201 95.9 89.0 133.6



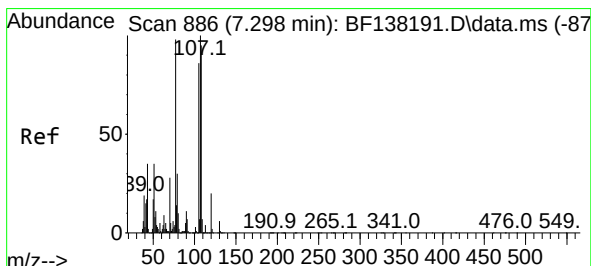
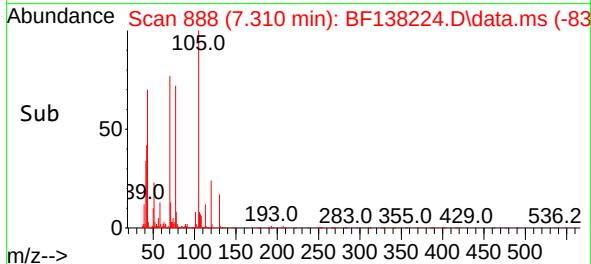
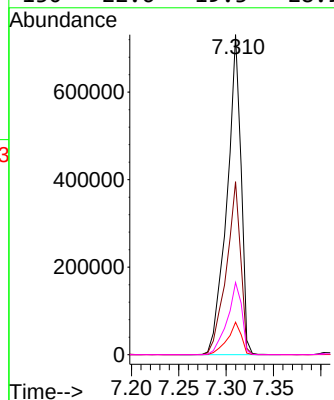
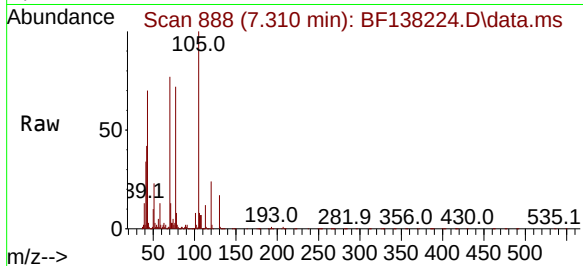


#19
n-Nitroso-di-n-propylamine
Concen: 45.693 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
POLEMS

Tgt Ion: 70 Resp: 758603

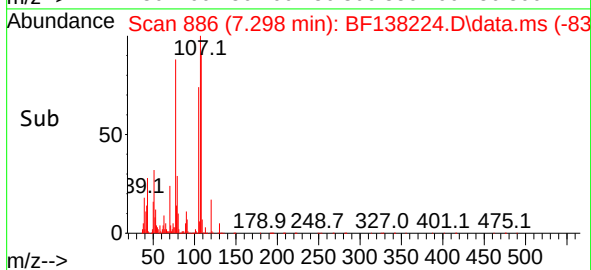
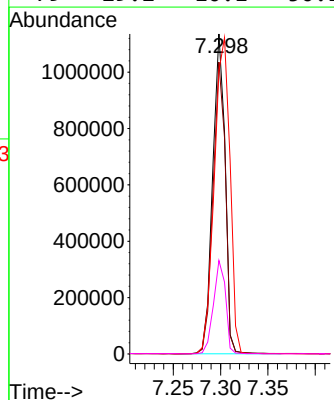
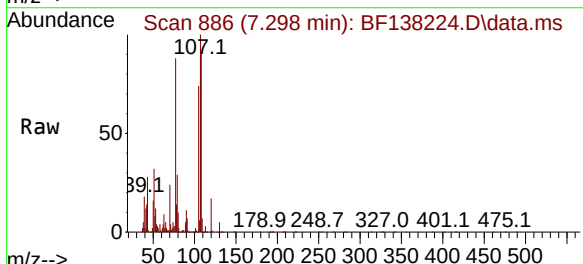
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.8	64.2
101	10.2	8.4	12.6
130	22.6	19.3	28.9

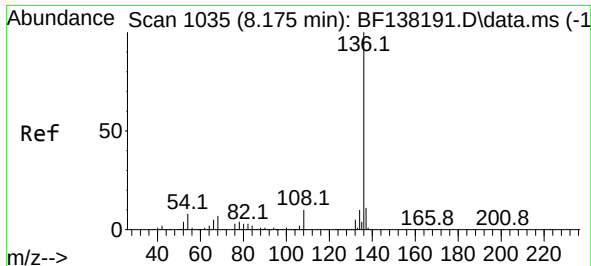


#20
3+4-Methylphenols
Concen: 43.409 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion: 107 Resp: 1029408

Ion	Ratio	Lower	Upper
107	100		
108	91.2	74.9	114.9
77	88.4	78.2	118.2
79	29.2	10.1	50.1

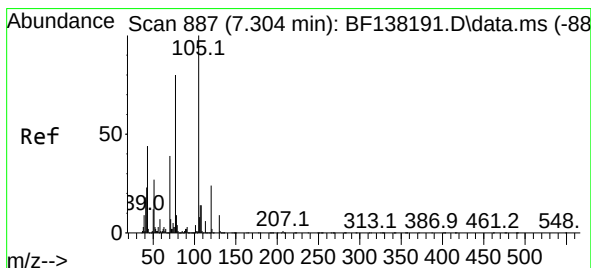
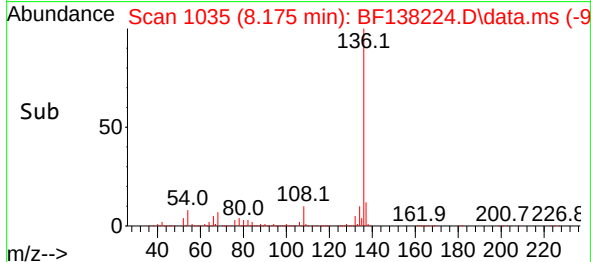
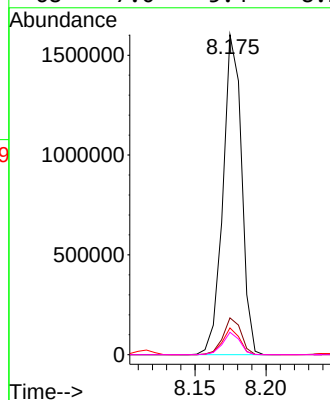
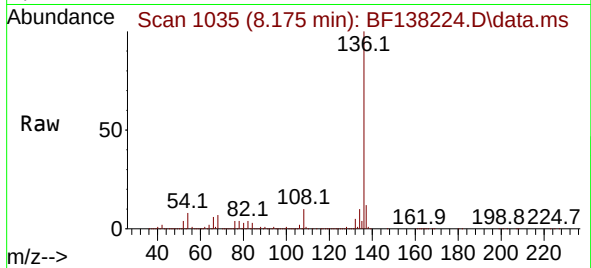




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

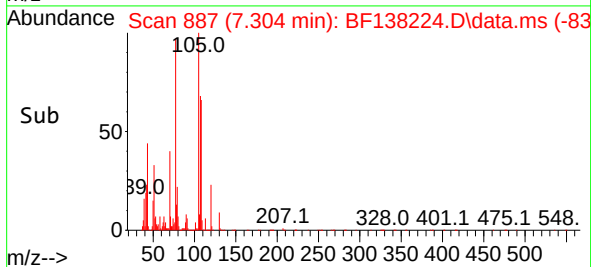
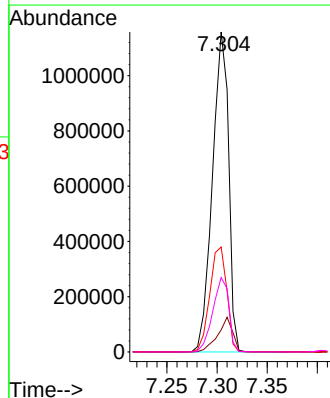
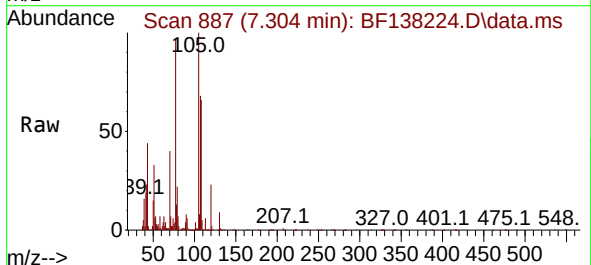
Instrument :
BNA_F
ClientSampleId :
POLEMS

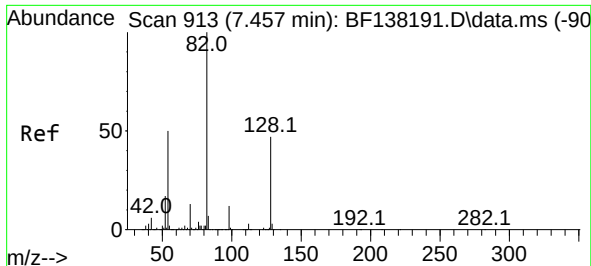
Tgt Ion:136 Resp: 1458337
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.3 6.6 10.0
68 7.0 5.4 8.2



#22
Acetophenone
Concen: 39.008 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:105 Resp: 1299532
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.2
51 32.8 21.4 32.0#
120 23.3 19.4 29.2





#23

Nitrobenzene-d5

Concen: 63.868 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

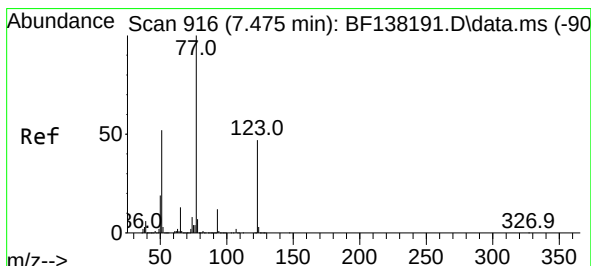
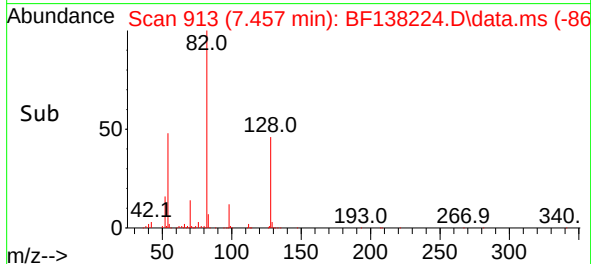
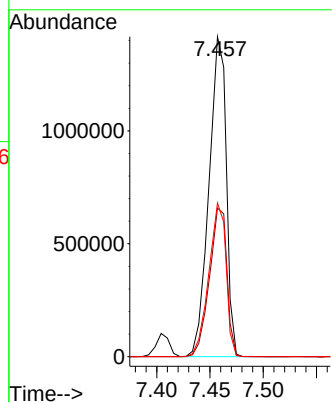
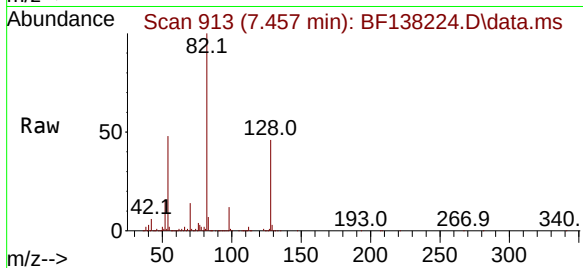
BNA_F

ClientSampleId :

POLEMS

Tgt Ion: 82 Resp: 1599914

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.2	55.8
54	48.1	39.8	59.6



#24

Nitrobenzene

Concen: 42.556 ng

RT: 7.481 min Scan# 917

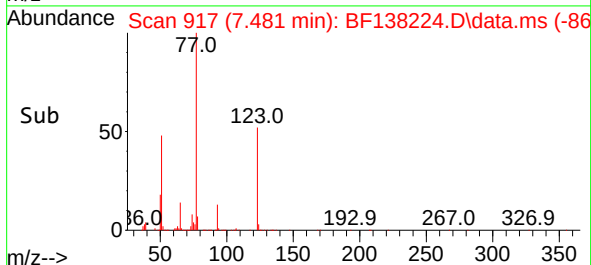
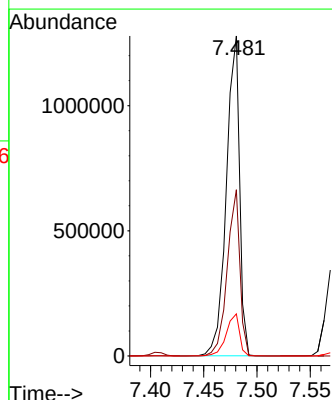
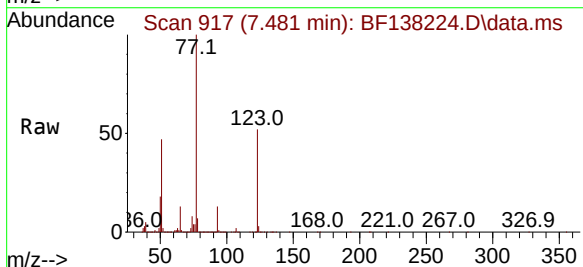
Delta R.T. 0.006 min

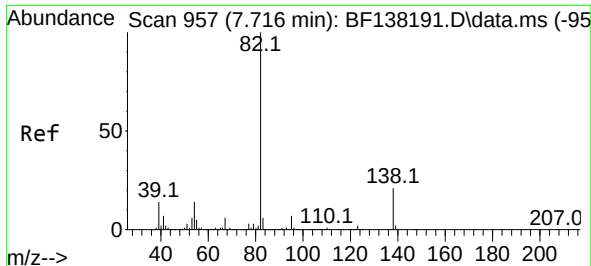
Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Tgt Ion: 77 Resp: 1101807

Ion	Ratio	Lower	Upper
77	100		
123	52.0	37.3	55.9
65	13.2	10.6	15.8

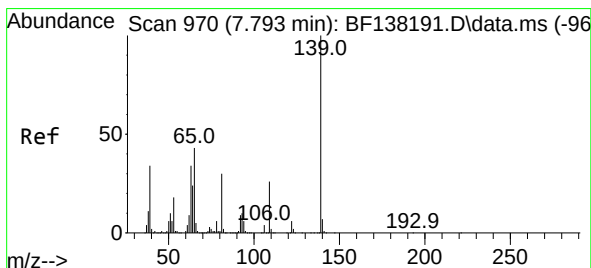
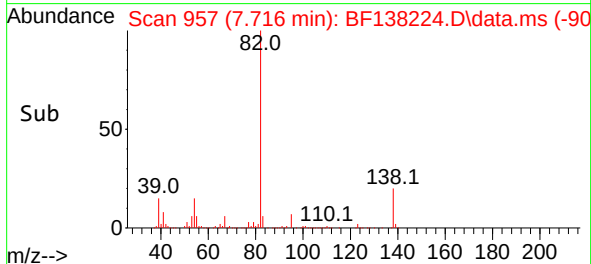
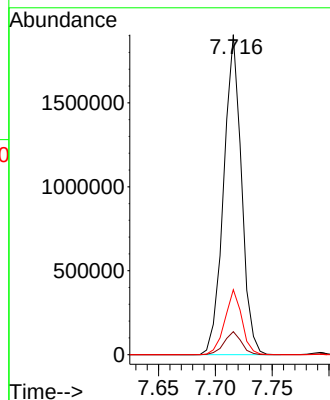
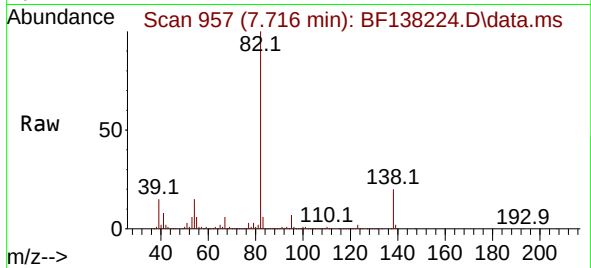




#25
Isophorone
Concen: 45.799 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

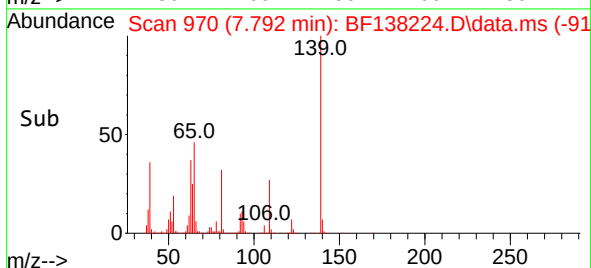
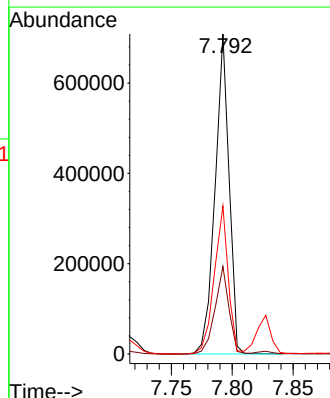
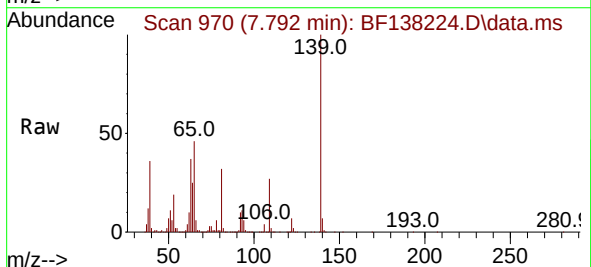
Instrument :
BNA_F
ClientSampleId :
POLEMS

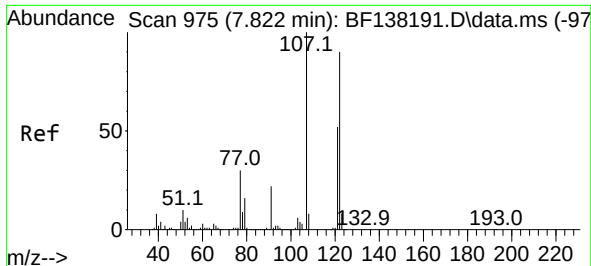
Tgt Ion: 82 Resp: 2075200
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.3 16.4 24.6



#26
2-Nitrophenol
Concen: 54.358 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:139 Resp: 565920
Ion Ratio Lower Upper
139 100
109 27.3 20.7 31.1
65 46.3 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 47.816 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

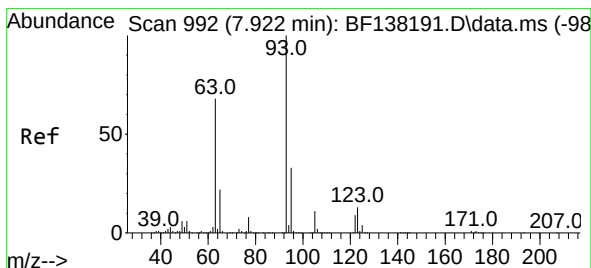
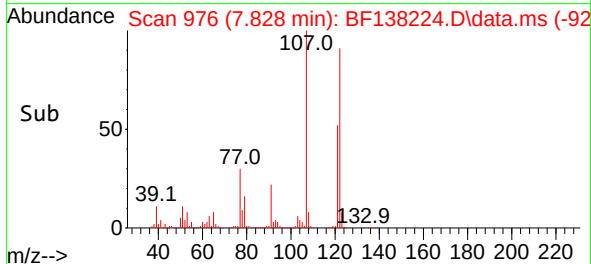
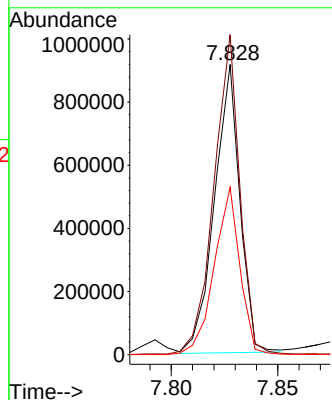
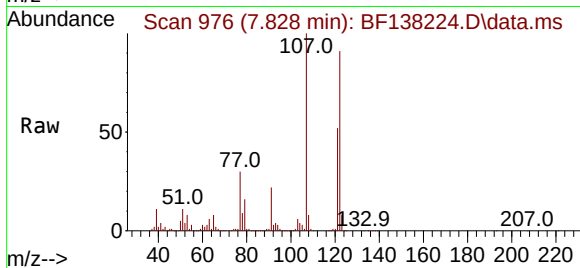
Tgt Ion:122 Resp: 757359

Ion Ratio Lower Upper

122 100

107 110.3 87.7 131.5

121 57.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.651 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

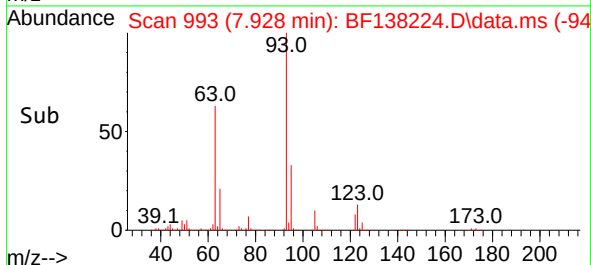
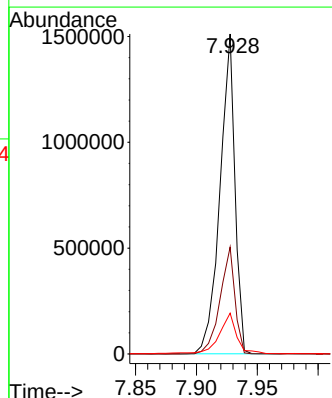
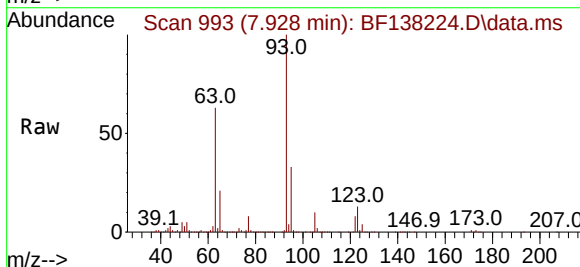
Tgt Ion: 93 Resp: 1294846

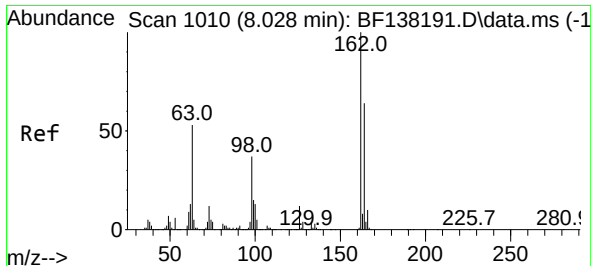
Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.532 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

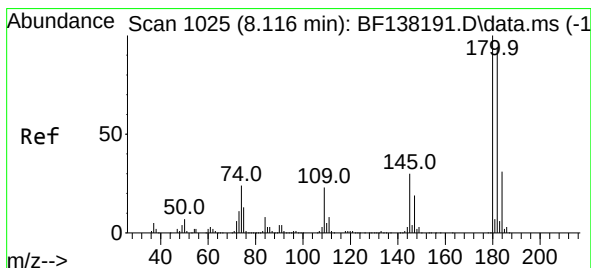
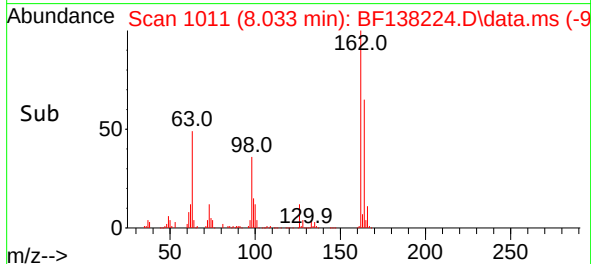
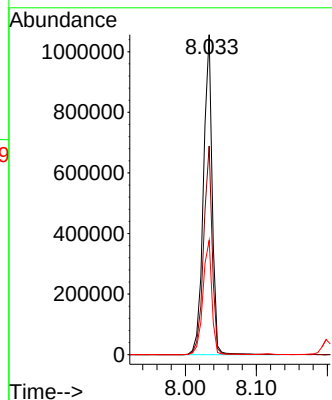
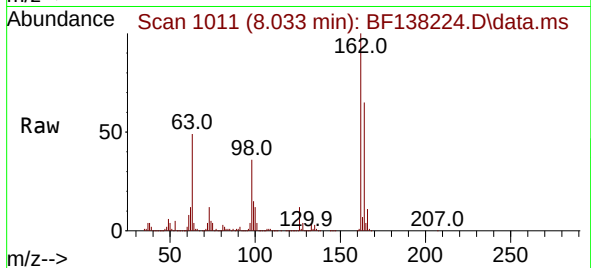
Tgt Ion:162 Resp: 908097

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.558 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

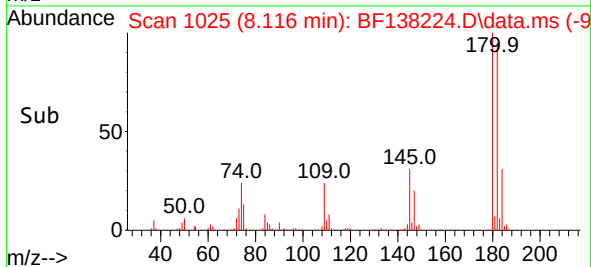
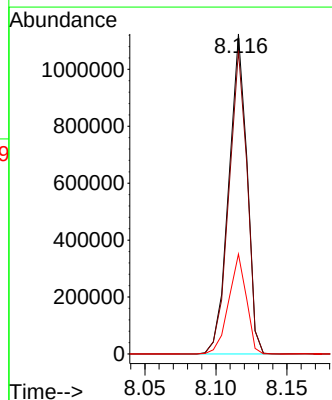
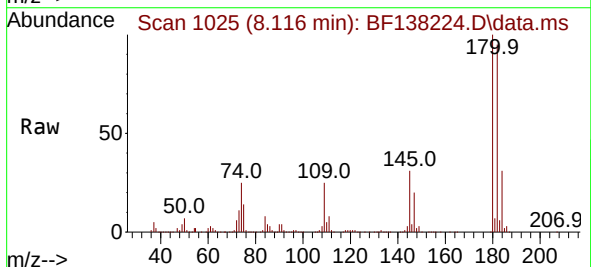
Tgt Ion:180 Resp: 999405

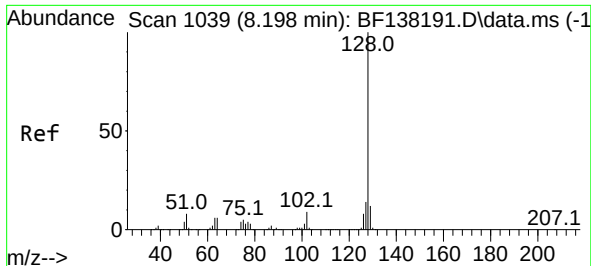
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

145 31.2 23.8 35.6

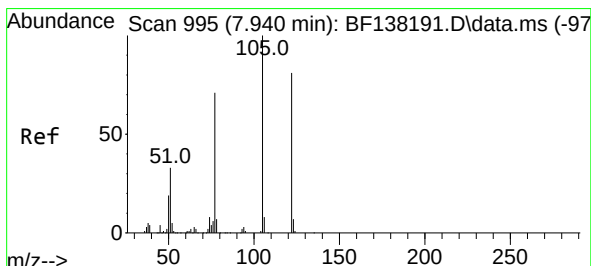
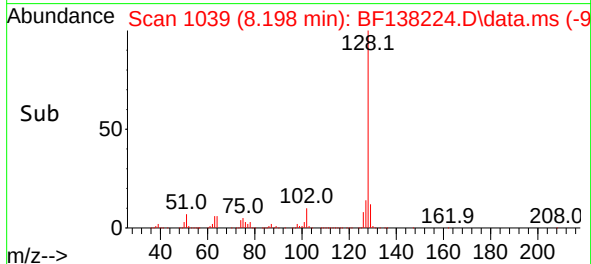
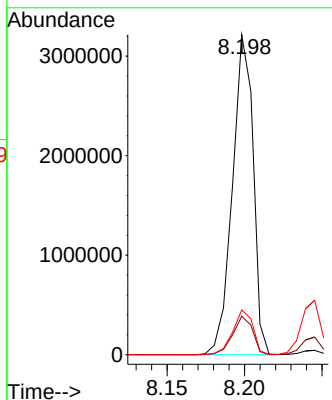
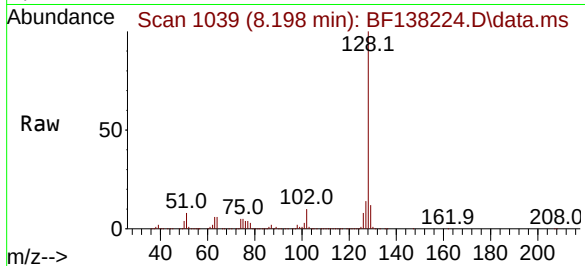




#31
Naphthalene
Concen: 41.431 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

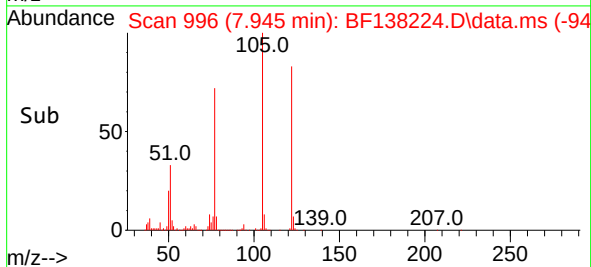
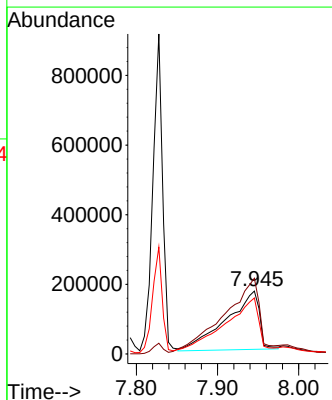
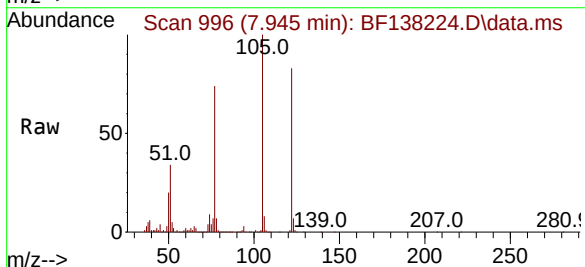
Instrument :
BNA_F
ClientSampleId :
POLEMS

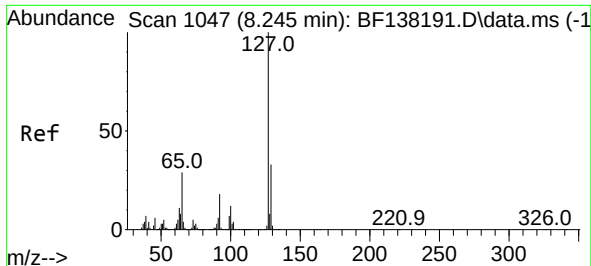
Tgt Ion:128 Resp: 2987650
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.0 11.0 16.6



#32
Benzoic acid
Concen: 34.380 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.005 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:122 Resp: 479944
Ion Ratio Lower Upper
122 100
105 120.3 100.1 140.1
77 89.0 66.5 106.5

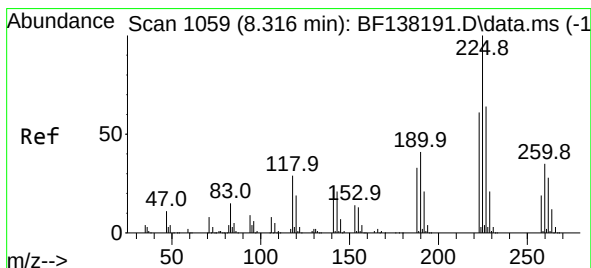
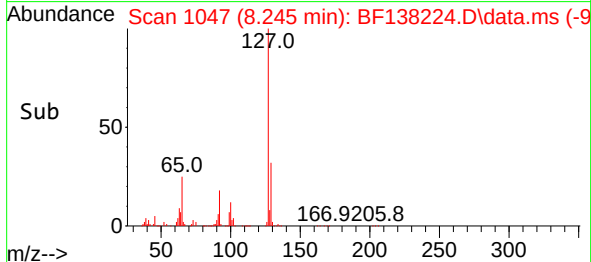
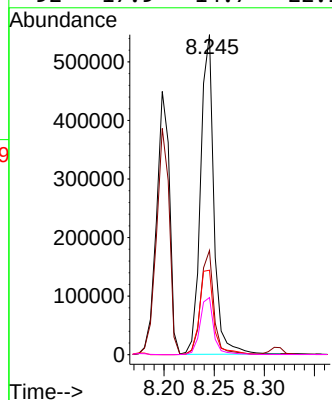
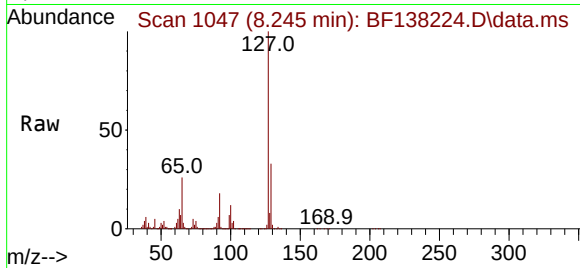




#33
4-Chloroaniline
Concen: 18.791 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

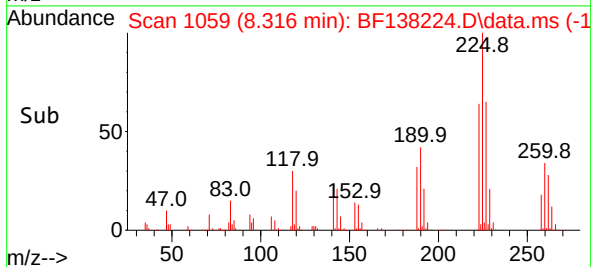
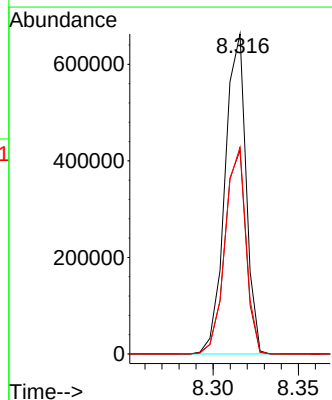
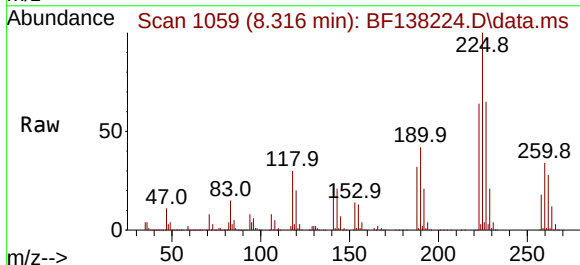
Instrument :
BNA_F
ClientSampleId :
POLEMS

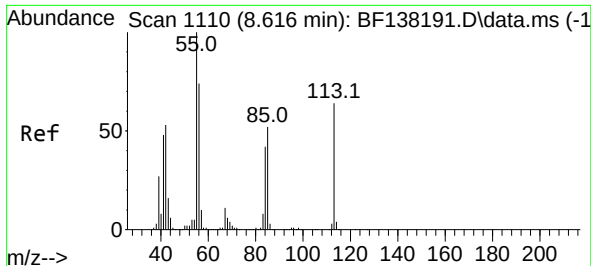
Tgt	Ion:127	Resp:	506453
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	26.4	23.6	35.4
92	17.9	14.7	22.1



#34
Hexachlorobutadiene
Concen: 40.452 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt	Ion:225	Resp:	568949
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	64.6	51.2	76.8

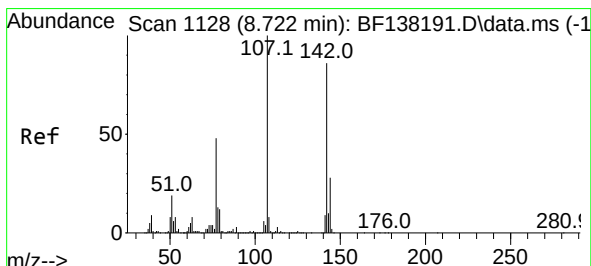
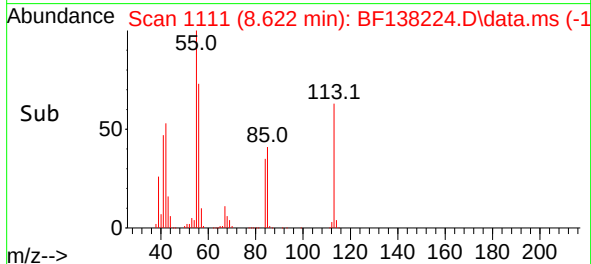
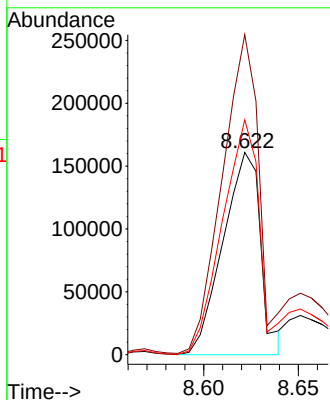
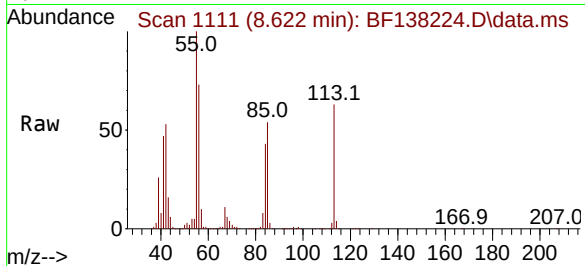




#35
Caprolactam
Concen: 35.920 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

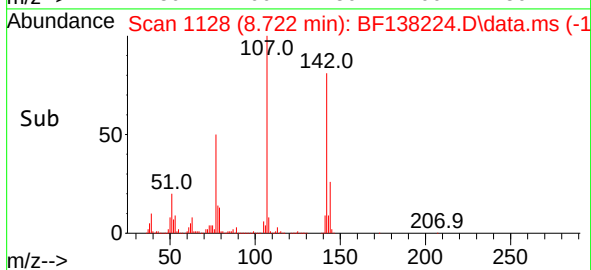
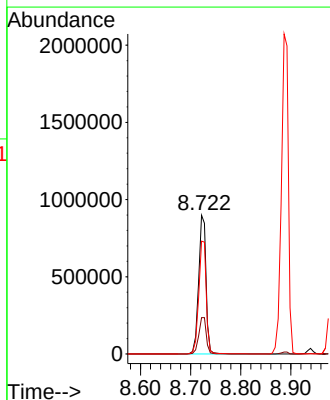
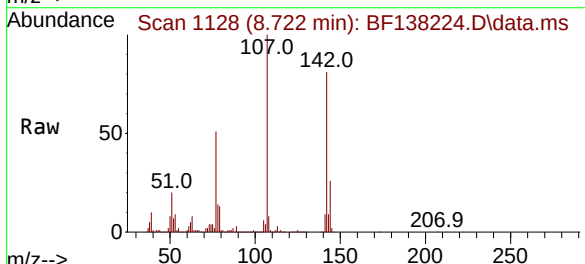
Instrument :
BNA_F
ClientSampleId :
POLEMS

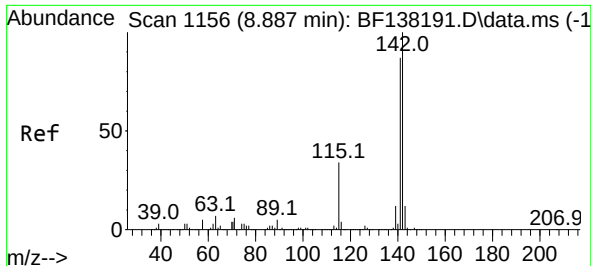
Tgt Ion:113 Resp: 221137
Ion Ratio Lower Upper
113 100
55 158.2 135.4 175.4
56 116.1 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 45.038 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:107 Resp: 914435
Ion Ratio Lower Upper
107 100
144 26.2 22.6 34.0
142 81.3 69.0 103.4

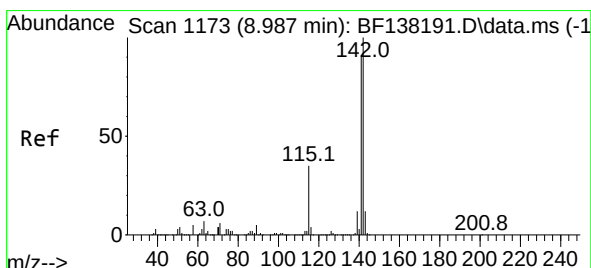
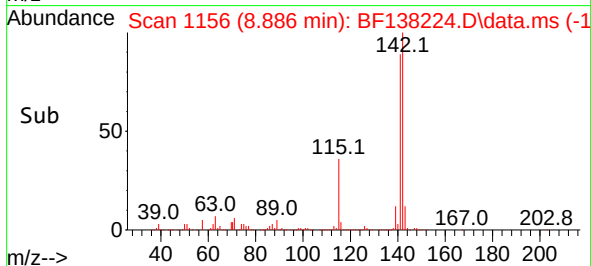
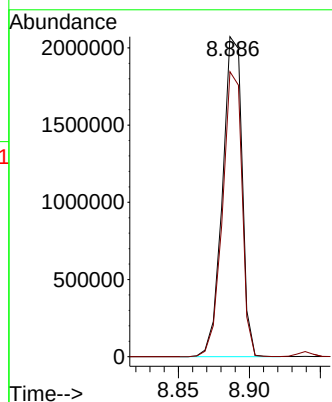
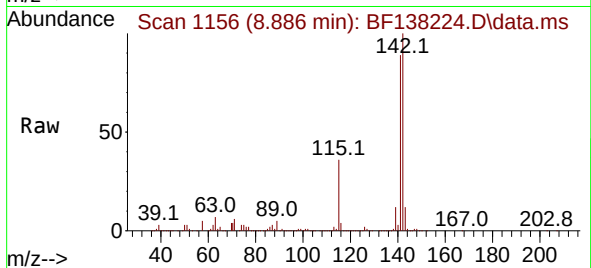




#37
2-Methylnaphthalene
Concen: 41.920 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

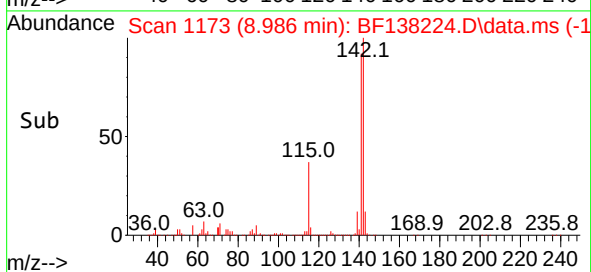
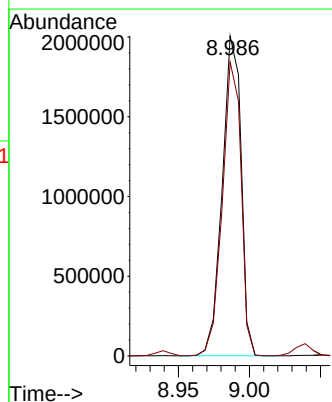
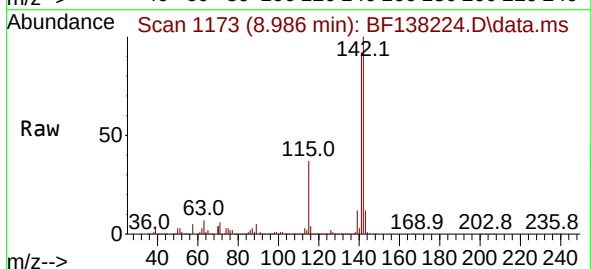
Instrument :
BNA_F
ClientSampleId :
POLEMS

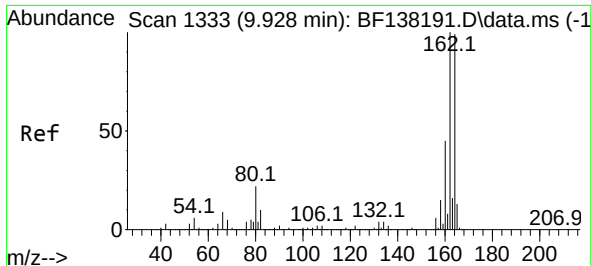
Tgt Ion:142 Resp: 1983922
Ion Ratio Lower Upper
142 100
141 89.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.931 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:142 Resp: 1851878
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

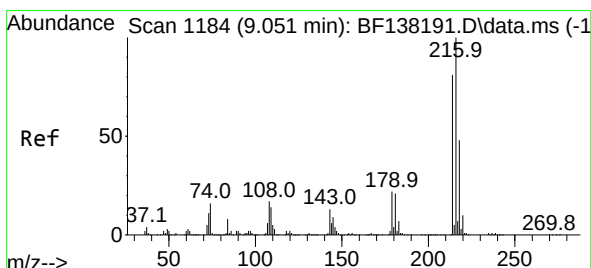
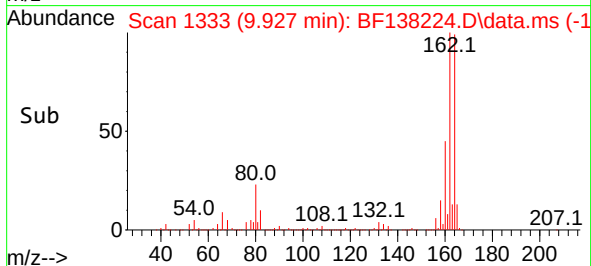
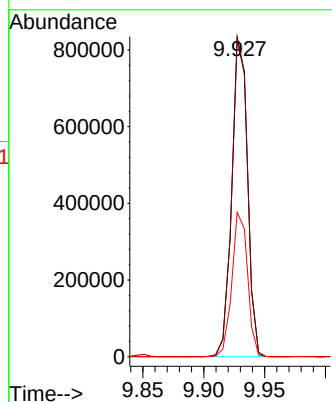
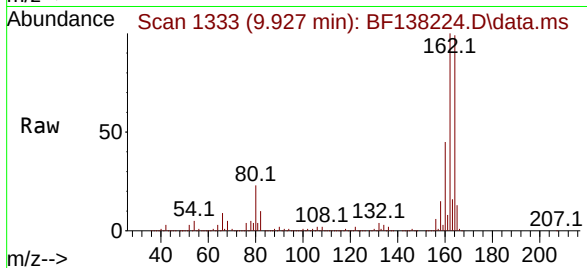
Tgt Ion:164 Resp: 744683

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.946 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Tgt Ion:216 Resp: 912796

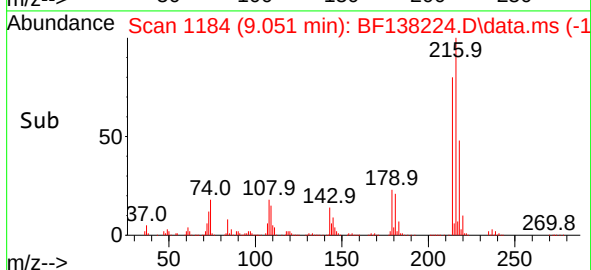
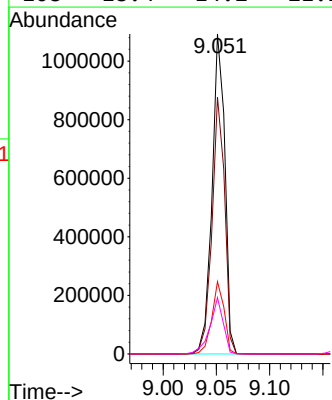
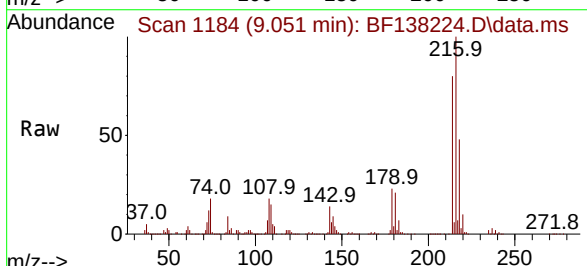
Ion Ratio Lower Upper

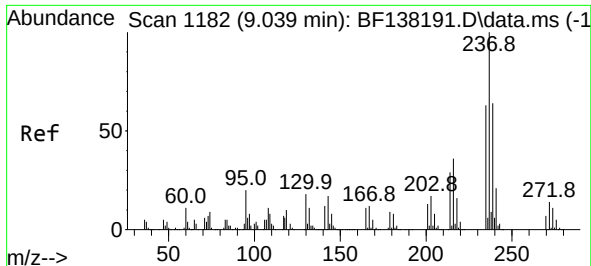
216 100

214 79.3 63.7 95.5

179 21.9 16.9 25.3

108 18.4 14.2 21.2

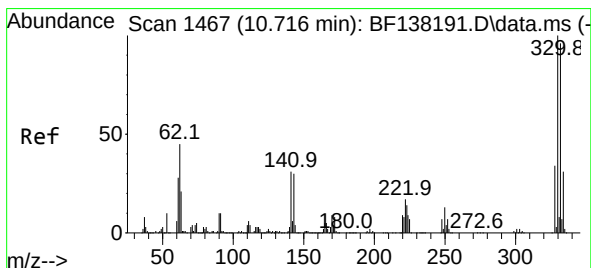
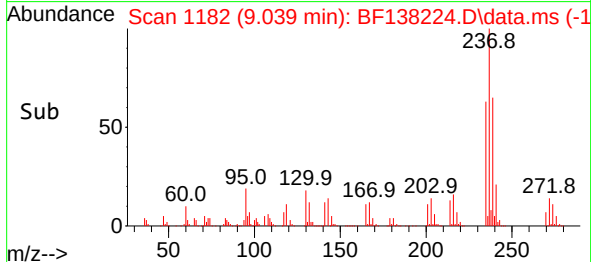
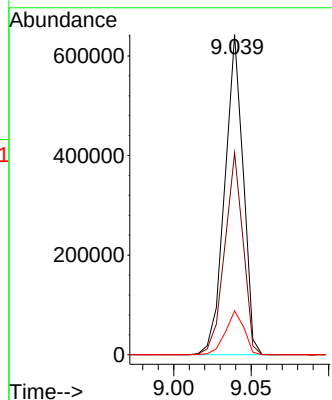
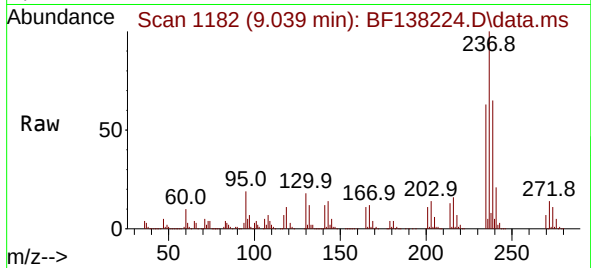




#41
Hexachlorocyclopentadiene
Concen: 74.912 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

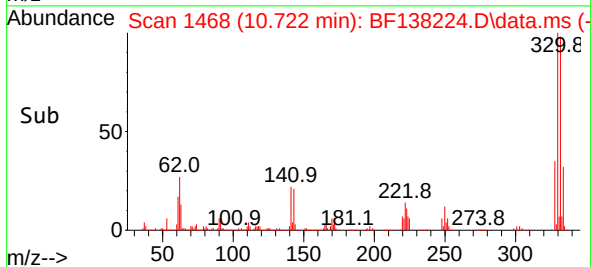
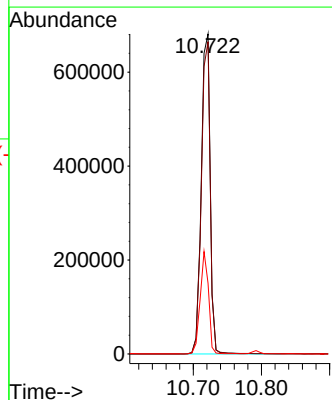
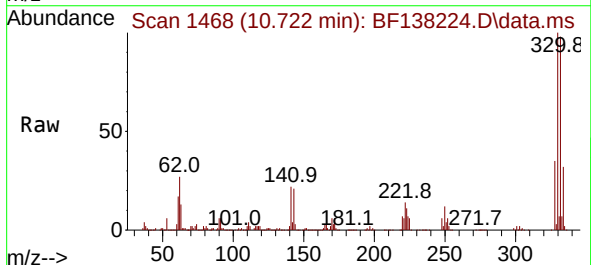
Instrument :
BNA_F
ClientSampleId :
POLEMS

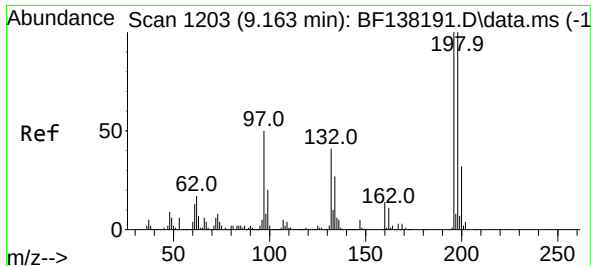
Tgt Ion:237 Resp: 531546
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 83.684 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:330 Resp: 620387
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 29.9 23.9 35.9

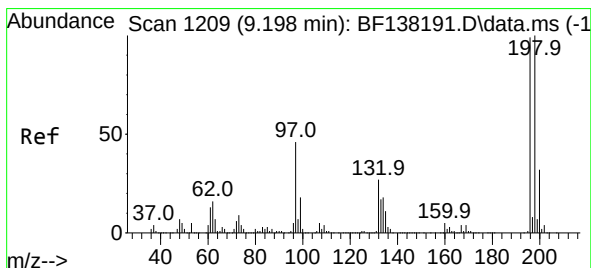
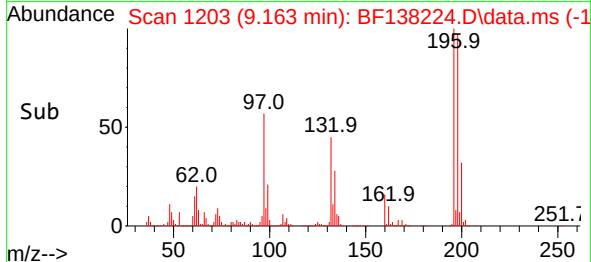
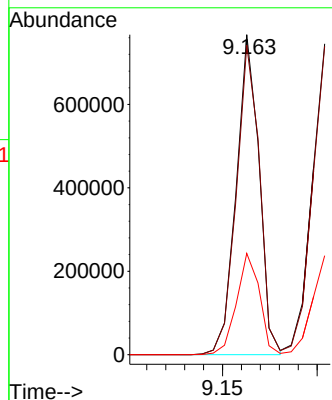
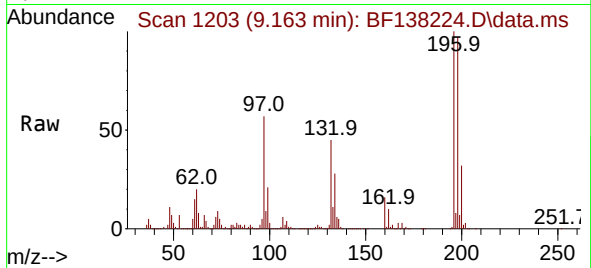




#43
 2,4,6-Trichlorophenol
 Concen: 47.054 ng
 RT: 9.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138224.D
 Acq: 18 Jun 2024 15:00

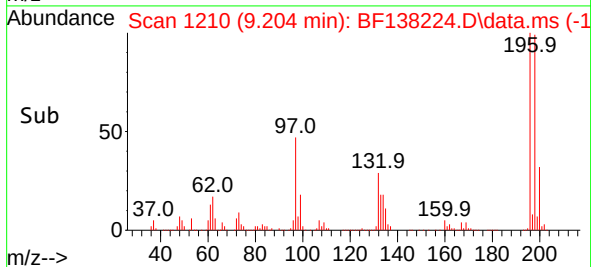
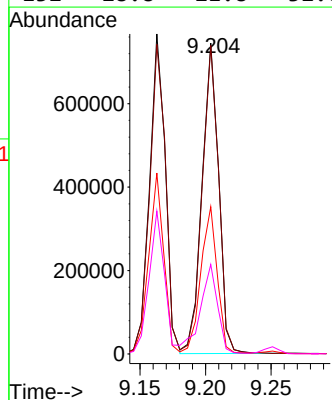
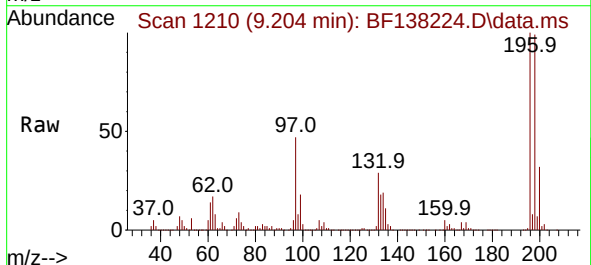
Instrument :
 BNA_F
 ClientSampleId :
 POLEMS

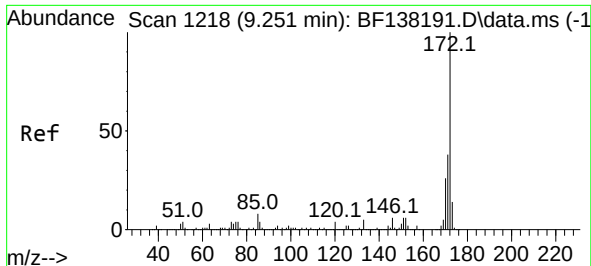
Tgt Ion:196 Resp: 641138
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.8 119.6
 200 31.6 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.946 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. 0.006 min
 Lab File: BF138224.D
 Acq: 18 Jun 2024 15:00

Tgt Ion:196 Resp: 657585
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.4 120.6
 97 47.3 37.4 56.2
 132 28.8 21.8 32.6

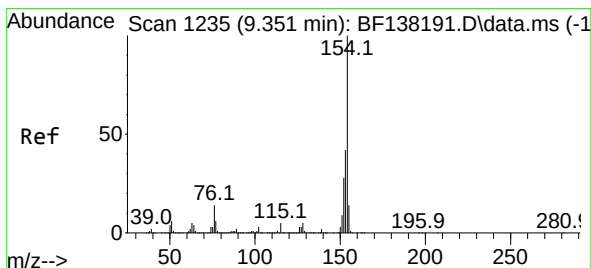
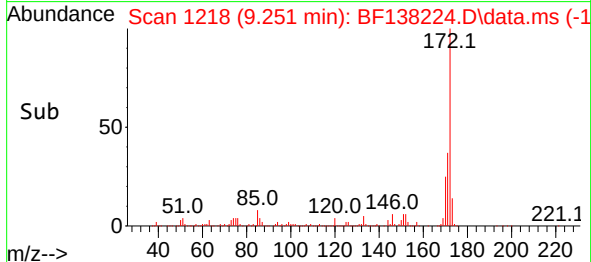
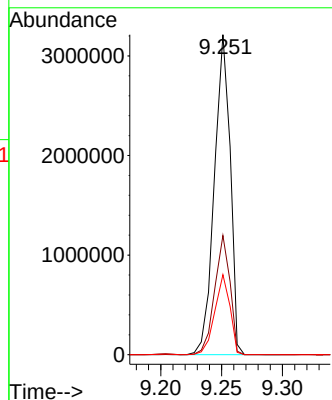
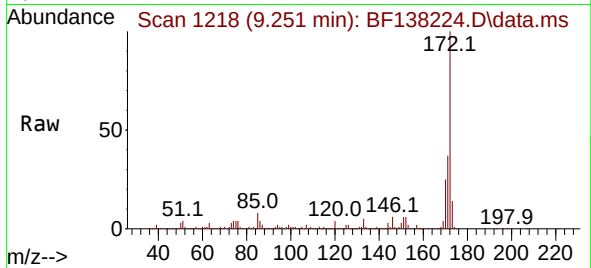




#45
2-Fluorobiphenyl
Concen: 61.987 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

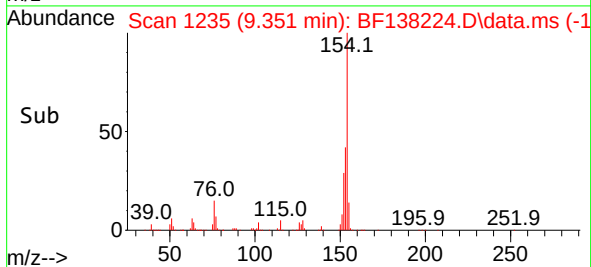
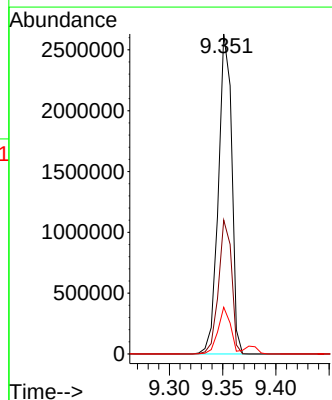
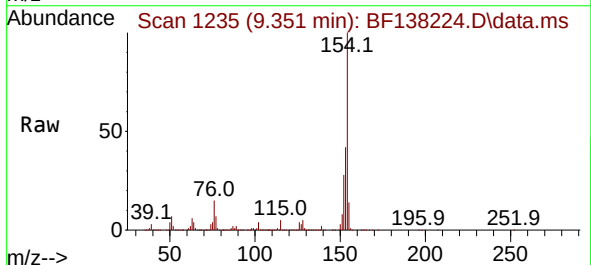
Instrument :
BNA_F
ClientSampleId :
POLEMS

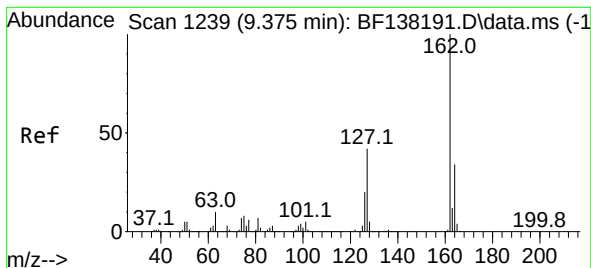
Tgt Ion:172 Resp: 2902906
Ion Ratio Lower Upper
172 100
171 37.2 30.3 45.5
170 25.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 41.588 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:154 Resp: 2272502
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 14.6 0.0 34.3





#47

2-Chloronaphthalene

Concen: 43.278 ng

RT: 9.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

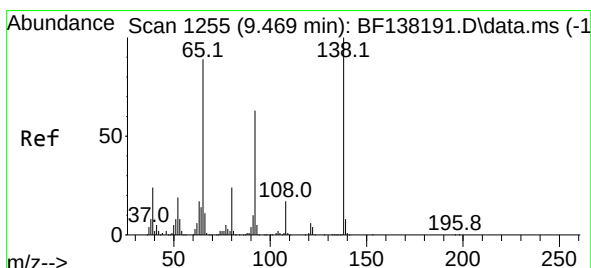
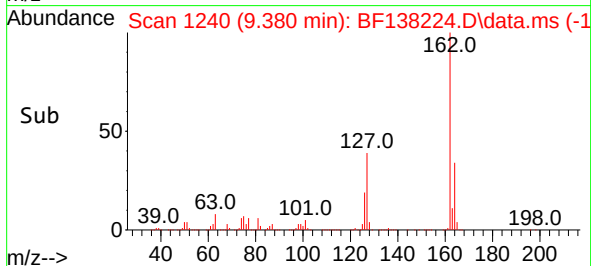
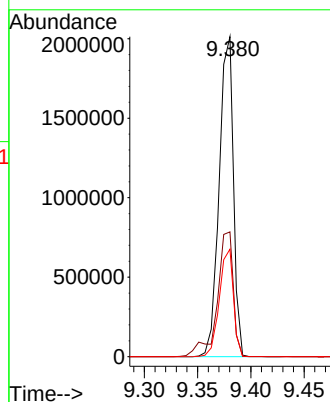
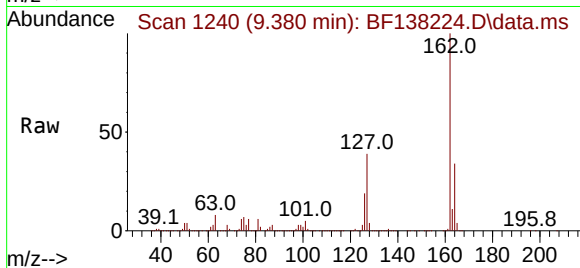
Tgt Ion:162 Resp: 1868973

Ion Ratio Lower Upper

162 100

127 39.0 33.6 50.4

164 33.6 27.2 40.8



#48

2-Nitroaniline

Concen: 49.430 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

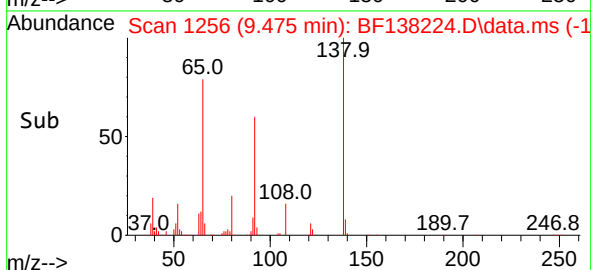
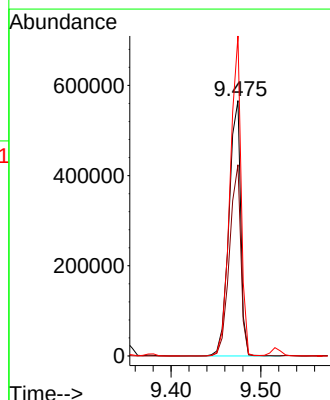
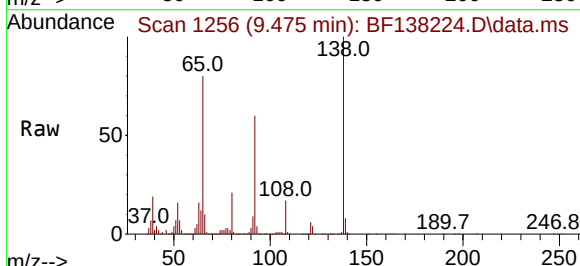
Tgt Ion: 65 Resp: 514084

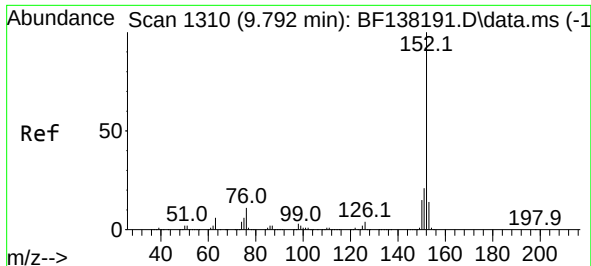
Ion Ratio Lower Upper

65 100

92 74.9 56.6 85.0

138 125.3 90.1 135.1





#49

Acenaphthylene

Concen: 45.789 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

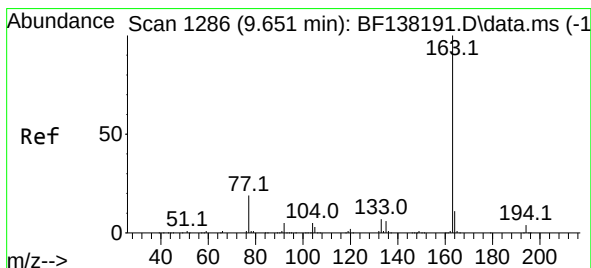
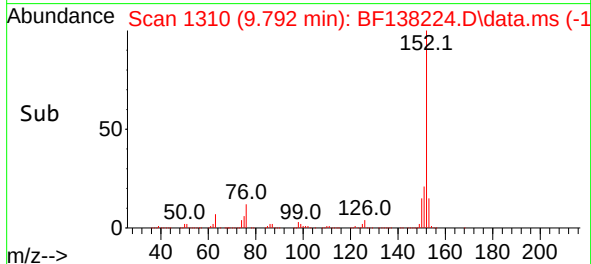
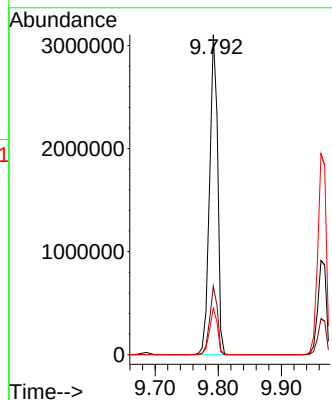
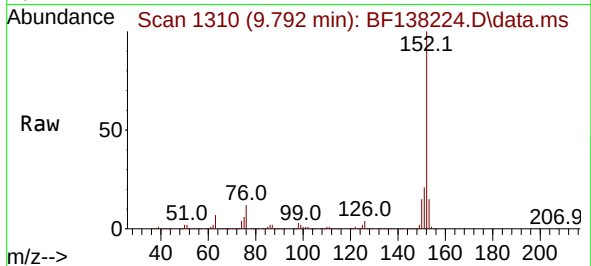
Tgt Ion:152 Resp: 2772830

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

153 14.5 11.4 17.0



#50

Dimethylphthalate

Concen: 49.013 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

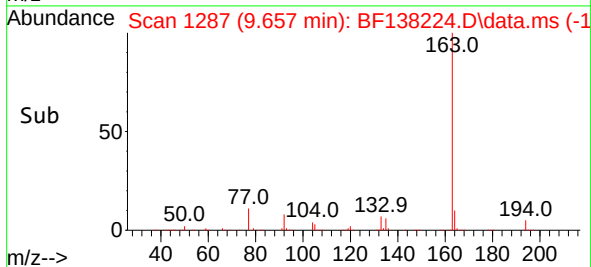
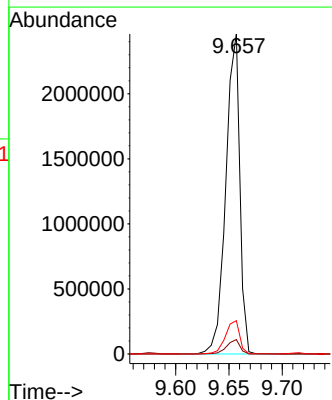
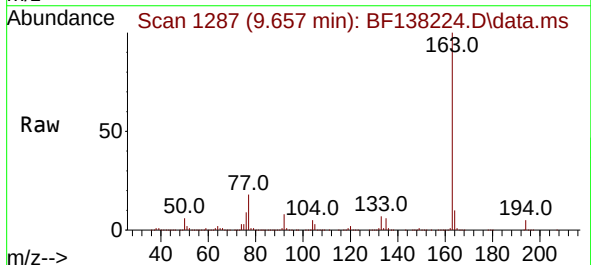
Tgt Ion:163 Resp: 2236298

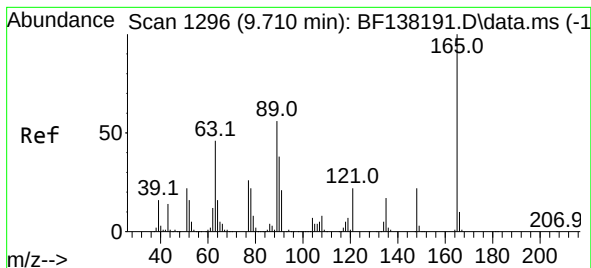
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.4 8.5 12.7

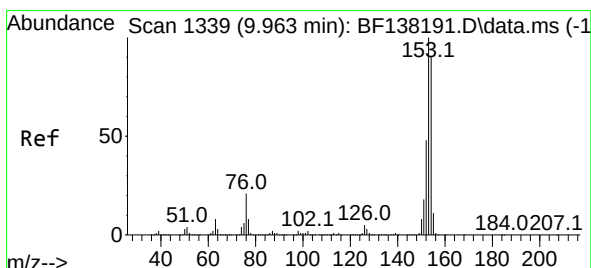
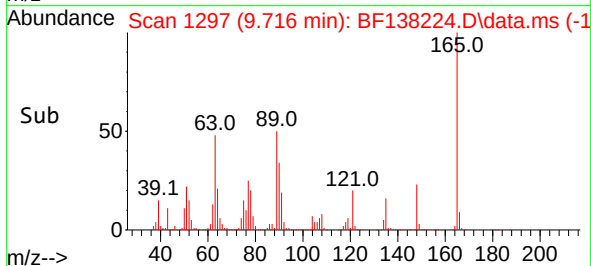
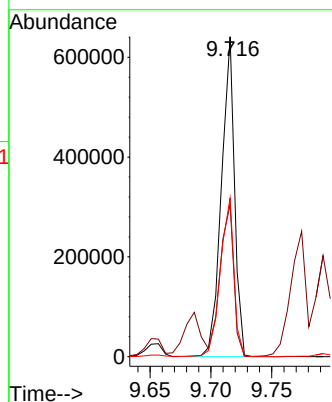
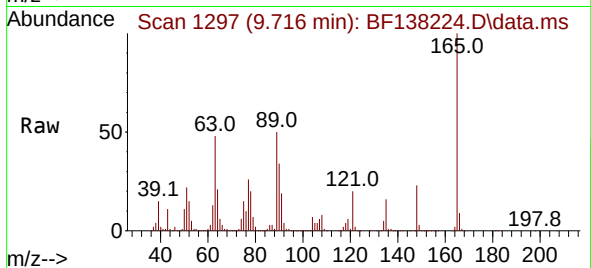




#51
2,6-Dinitrotoluene
Concen: 48.666 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

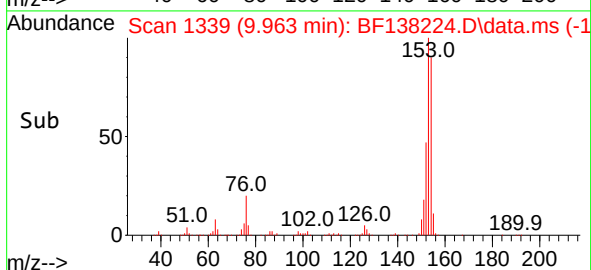
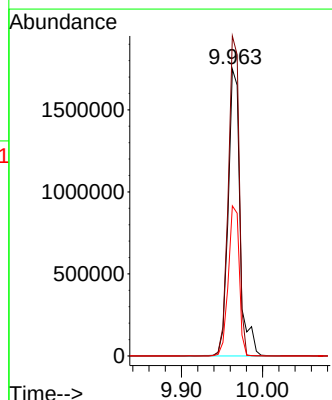
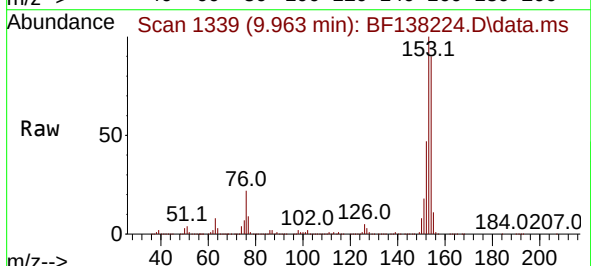
Instrument :
BNA_F
ClientSampleId :
POLEMS

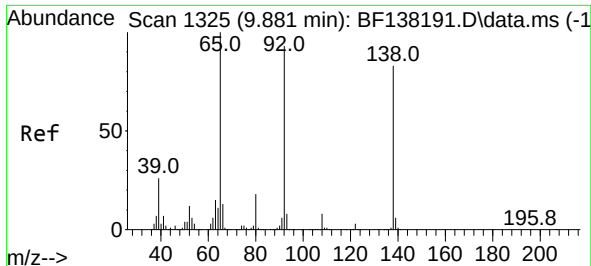
Tgt Ion:165 Resp: 481716
Ion Ratio Lower Upper
165 100
63 47.6 43.7 65.5
89 49.6 44.9 67.3



#52
Acenaphthene
Concen: 43.091 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:154 Resp: 1779379
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 52.3 42.4 63.6

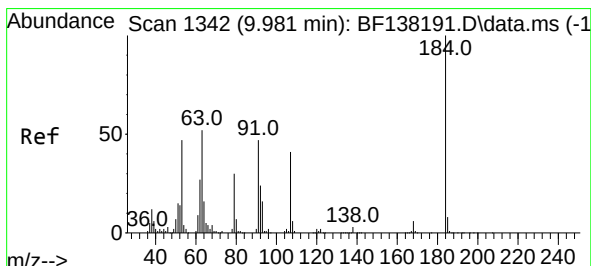
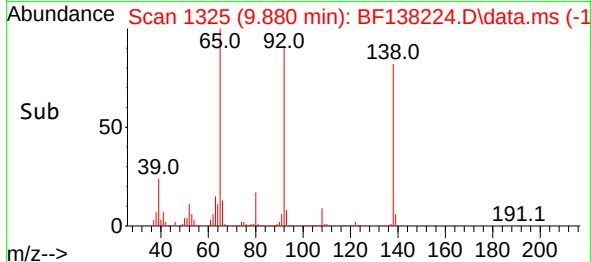
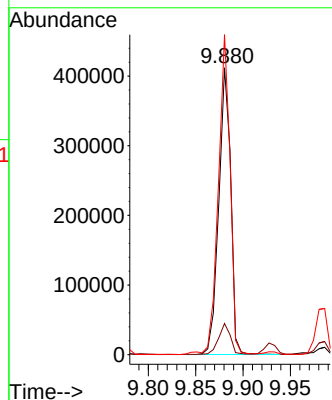
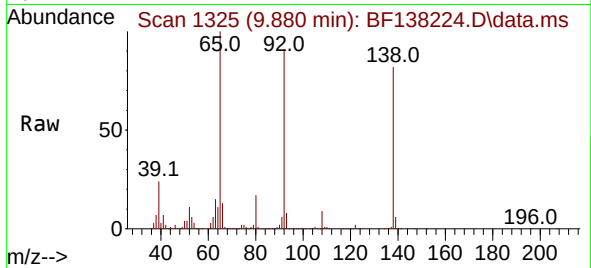




#53
3-Nitroaniline
Concen: 34.324 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

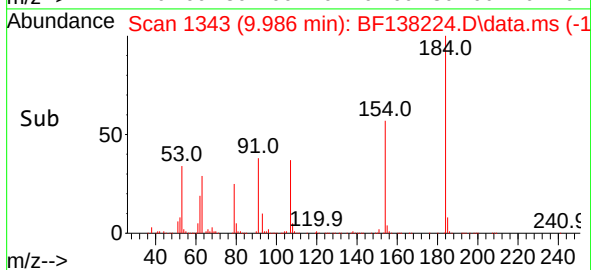
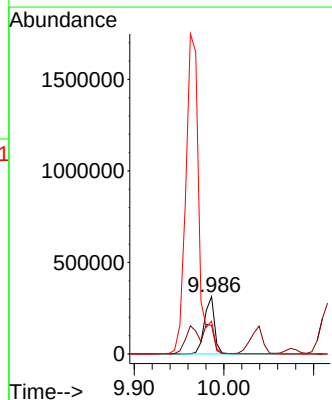
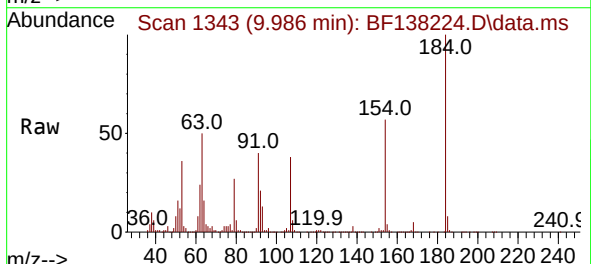
Instrument :
BNA_F
ClientSampleId :
POLEMS

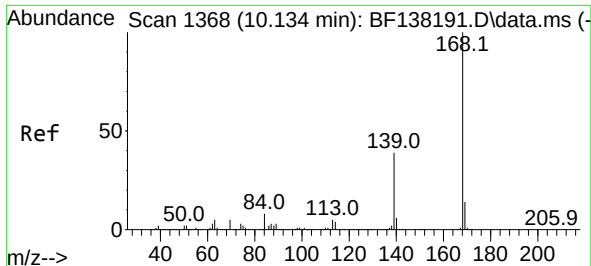
Tgt Ion:138 Resp: 362956
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 111.5 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 55.727 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:184 Resp: 245713
Ion Ratio Lower Upper
184 100
63 49.8 49.2 73.8
154 56.9 46.7 70.1

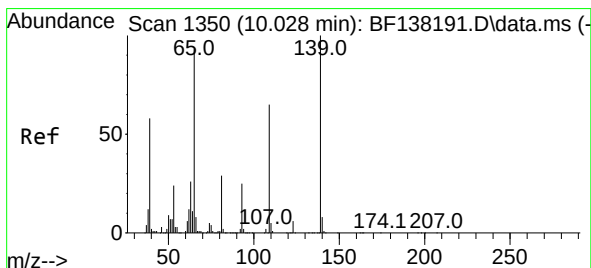
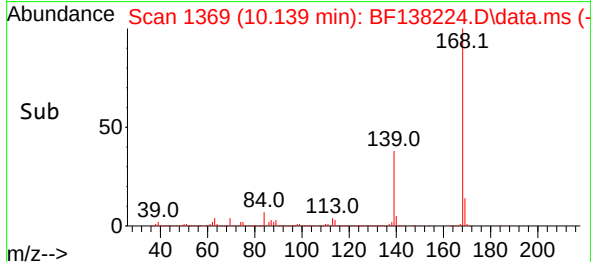
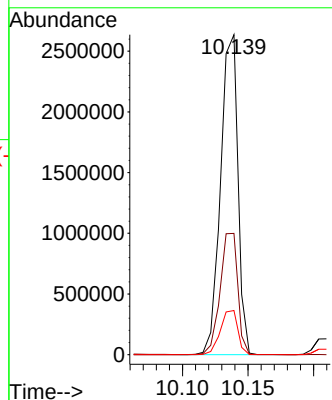
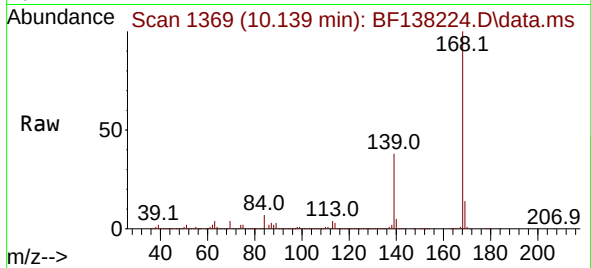




#55
Dibenzenofuran
Concen: 41.988 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

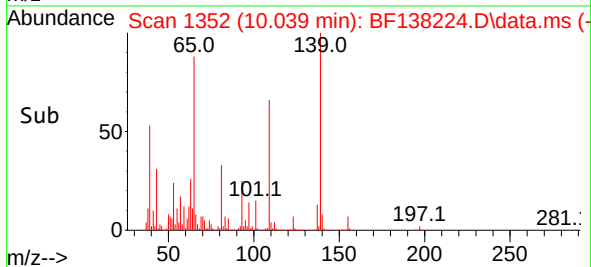
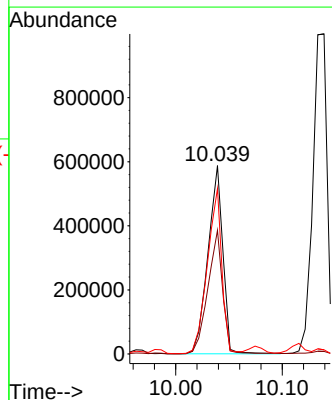
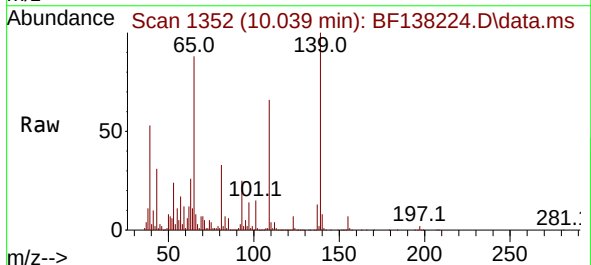
Instrument :
BNA_F
ClientSampleId :
POLEMS

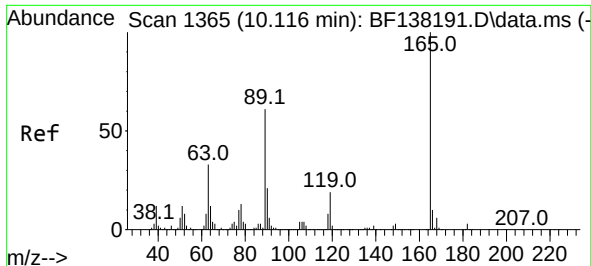
Tgt Ion:168 Resp: 2423772
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.4
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 68.758 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:139 Resp: 574568
Ion Ratio Lower Upper
139 100
109 65.7 44.6 84.6
65 87.8 73.1 113.1

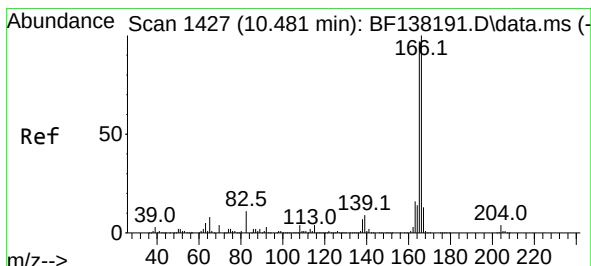
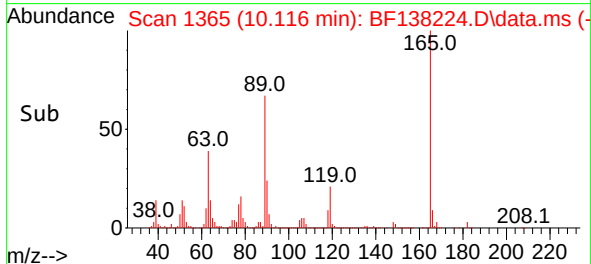
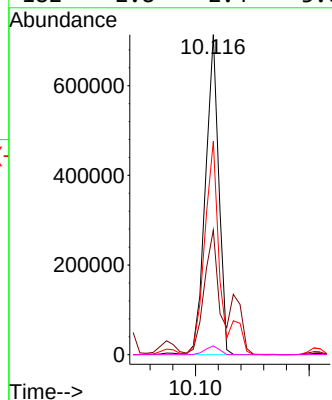
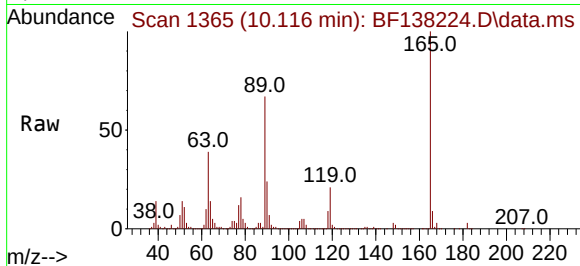




#57
2,4-Dinitrotoluene
Concen: 47.293 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

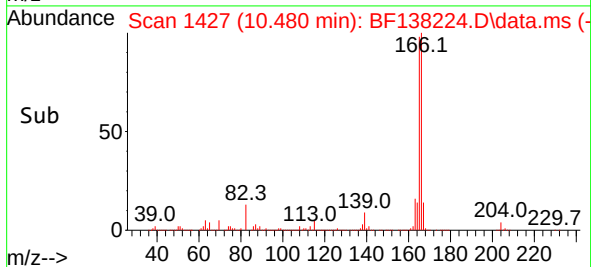
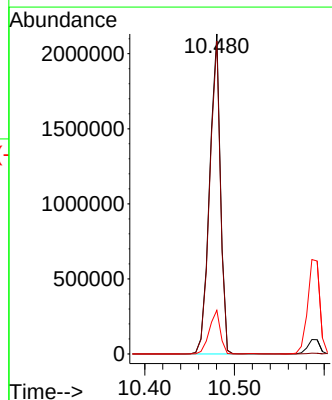
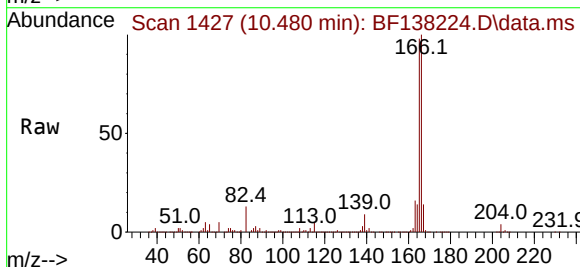
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BNA_F
ClientSampleId :
POLEMS

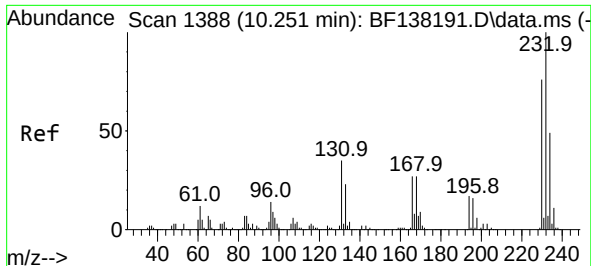
Tgt Ion:165 Resp: 577383
Ion Ratio Lower Upper
165 100
63 39.0 26.6 39.8
89 66.7 48.7 73.1
182 2.8 2.4 3.6



#58
Fluorene
Concen: 39.274 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:166 Resp: 1782522
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.7 10.7 16.1

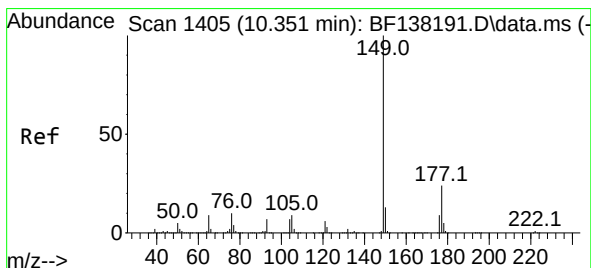
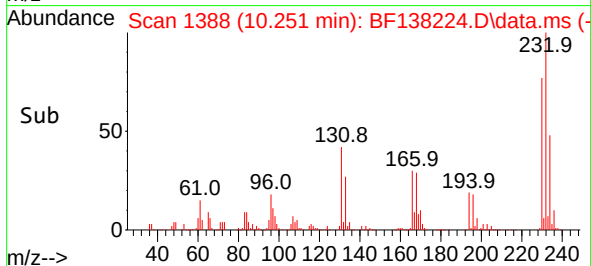
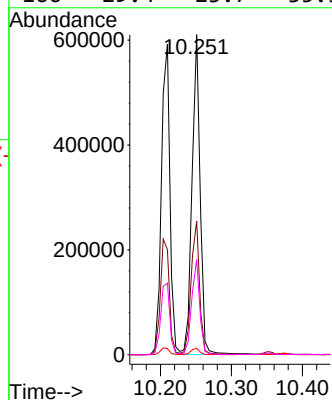
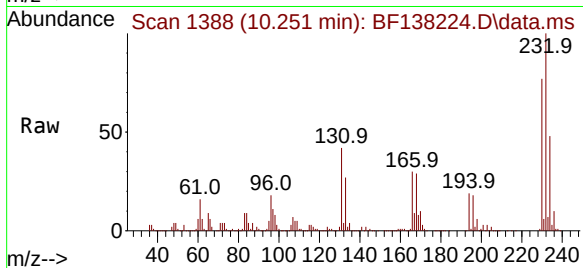




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.350 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

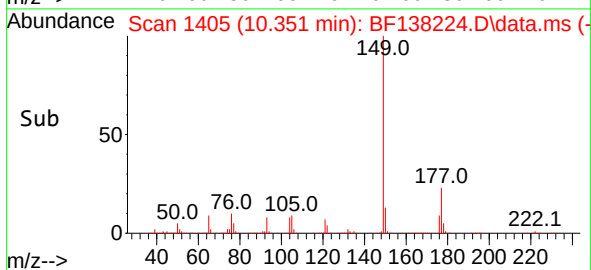
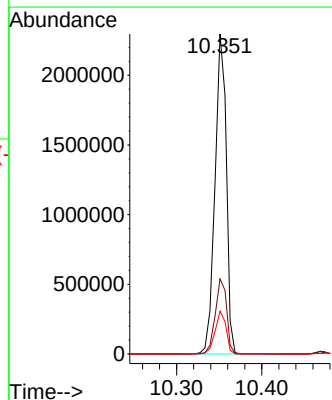
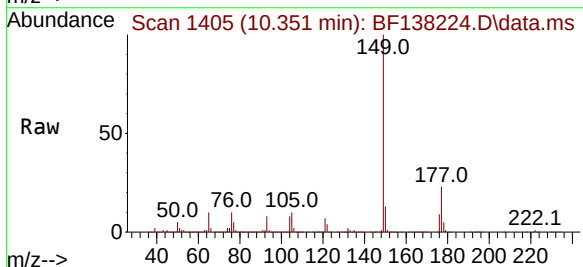
Instrument :
BNA_F
ClientSampleId :
POLEMS

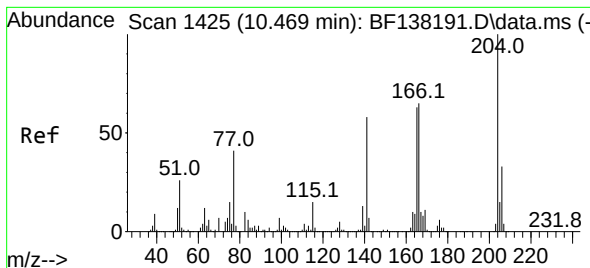
Tgt Ion:232 Resp: 483562
Ion Ratio Lower Upper
232 100
131 43.0 33.6 50.4
130 2.2 1.7 2.5
166 29.4 23.7 35.5



#60
Diethylphthalate
Concen: 48.932 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:149 Resp: 2118978
Ion Ratio Lower Upper
149 100
177 23.4 19.4 29.0
150 13.3 10.2 15.4

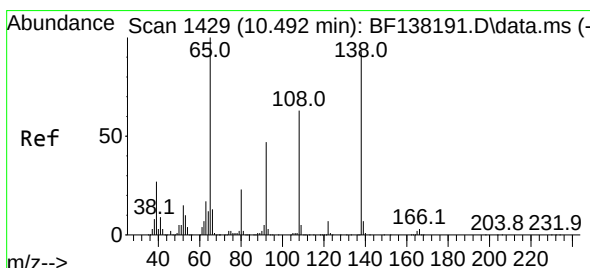
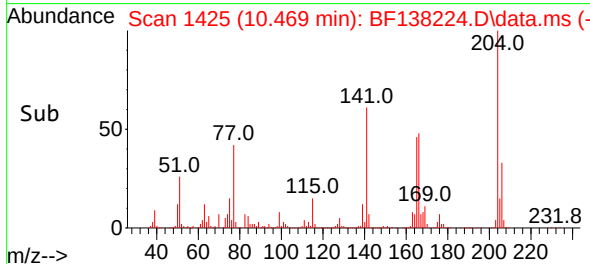
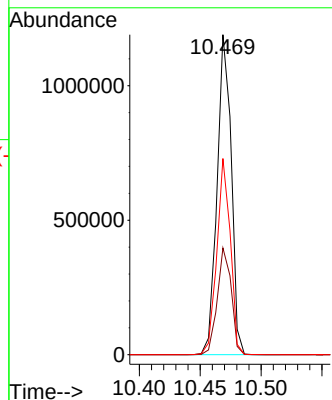
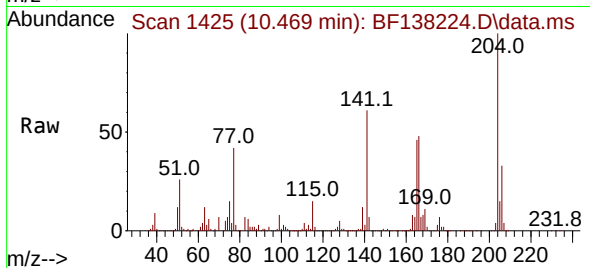




#61
4-Chlorophenyl-phenylether
Concen: 42.611 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

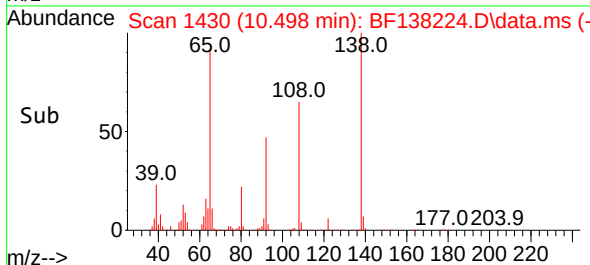
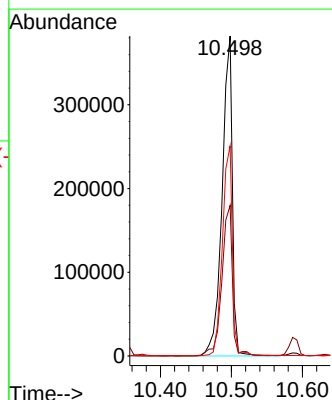
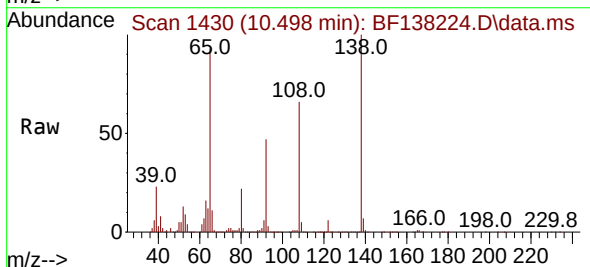
Instrument :
BNA_F
ClientSampleId :
POLEMS

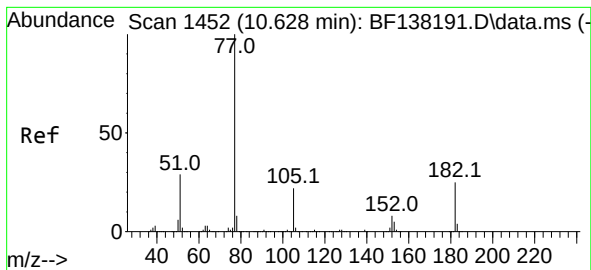
Tgt Ion:204 Resp: 963188
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 61.3 46.3 69.5



#62
4-Nitroaniline
Concen: 35.909 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:138 Resp: 379387
Ion Ratio Lower Upper
138 100
92 47.0 30.9 70.9
108 65.6 47.8 87.8





#63

Azobenzene

Concen: 43.415 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.005 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

Tgt Ion: 77 Resp: 1883543

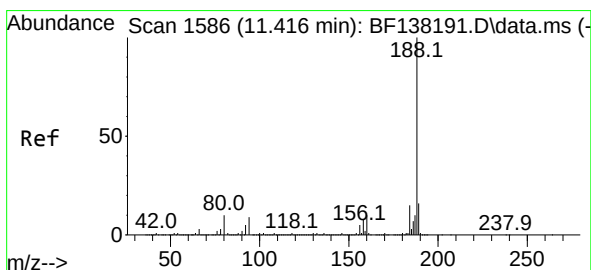
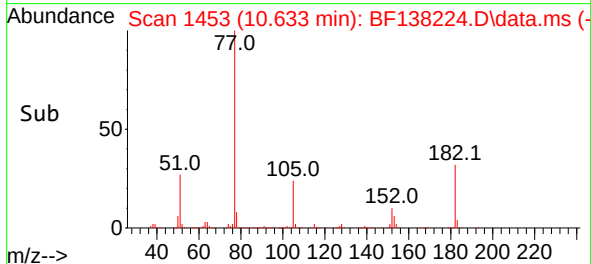
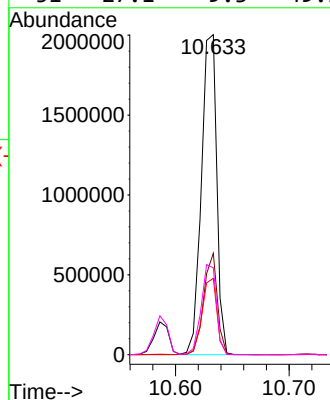
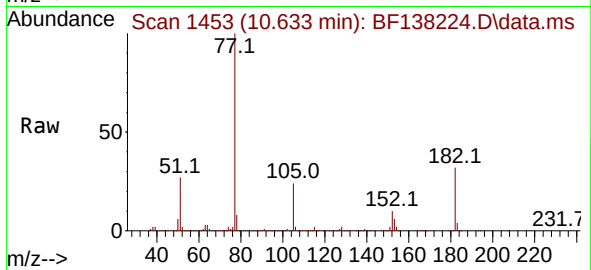
Ion Ratio Lower Upper

77 100

182 31.7 5.5 45.5

105 23.9 1.8 41.8

51 27.1 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

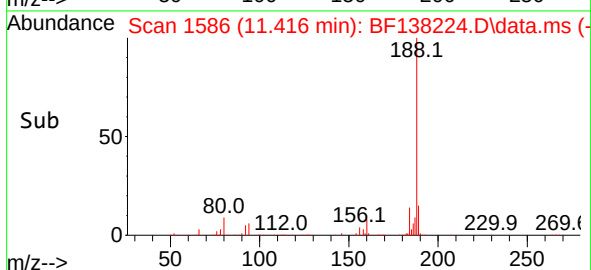
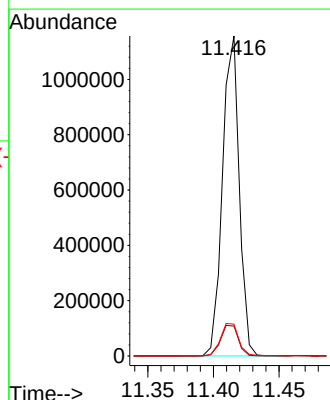
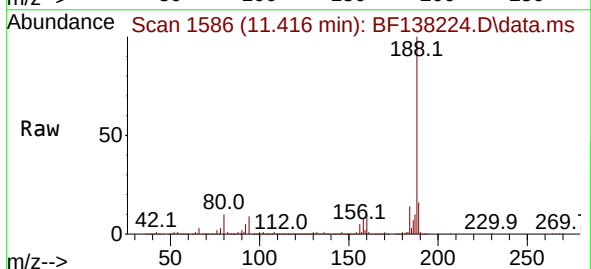
Tgt Ion:188 Resp: 1023354

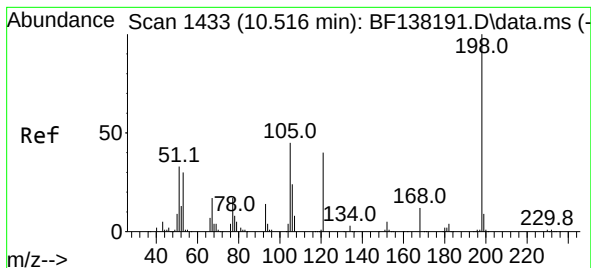
Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.1 12.1

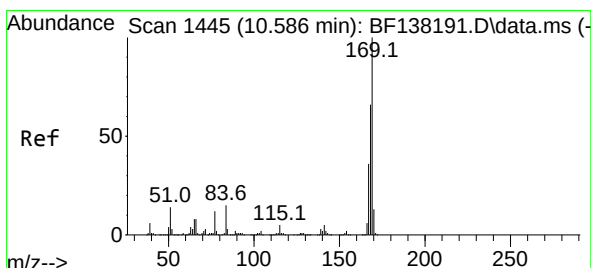
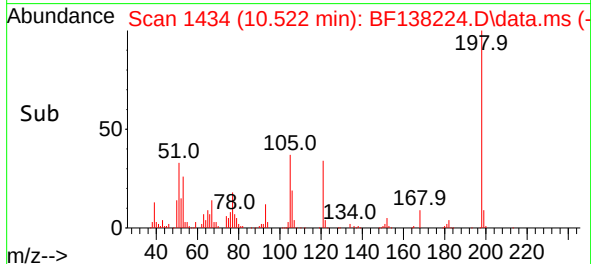
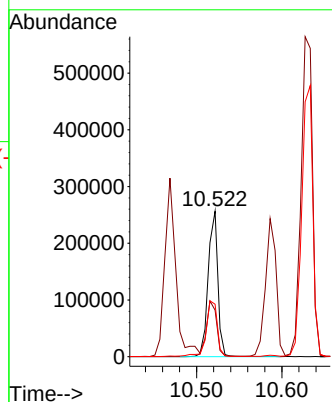
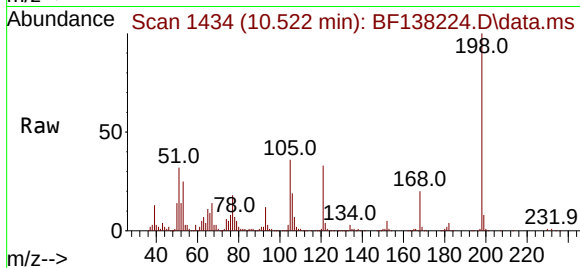




#65
4,6-Dinitro-2-methylphenol
Concen: 39.947 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

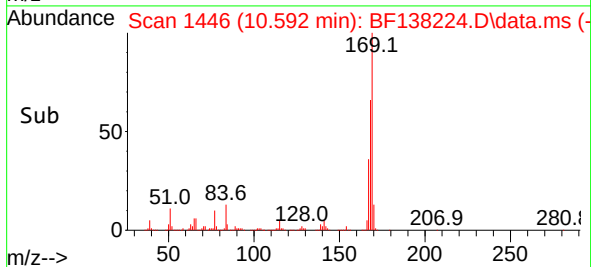
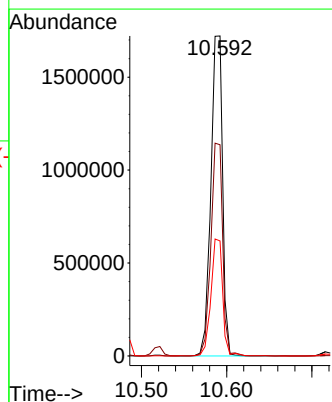
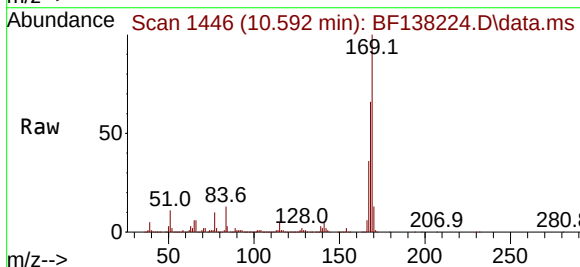
Instrument :
BNA_F
ClientSampleId :
POLEMS

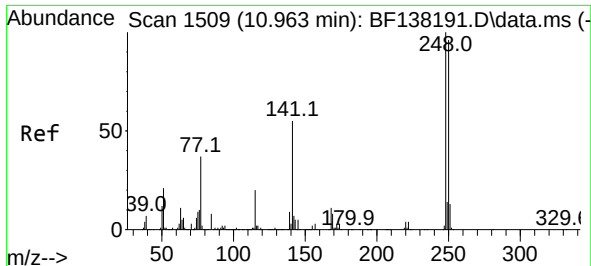
Tgt Ion:198 Resp: 201217
Ion Ratio Lower Upper
198 100
51 32.0 26.9 66.9
105 36.1 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 52.513 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:169 Resp: 1645242
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.0 29.0 43.6

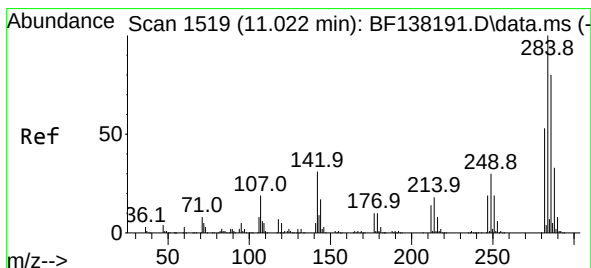
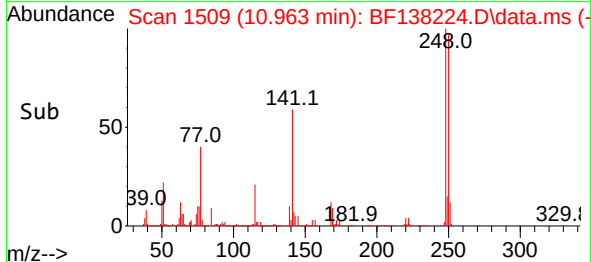
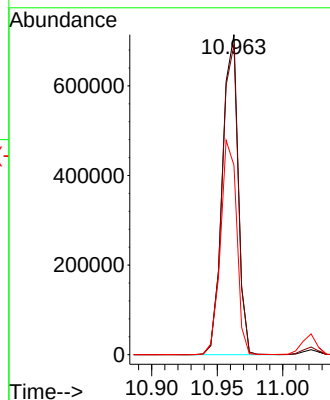
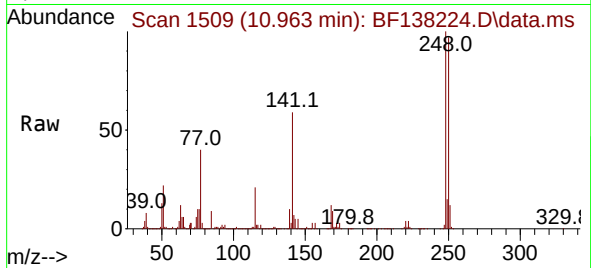




#67
4-Bromophenyl-phenylether
Concen: 51.783 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

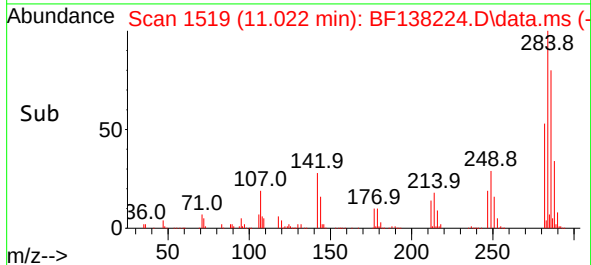
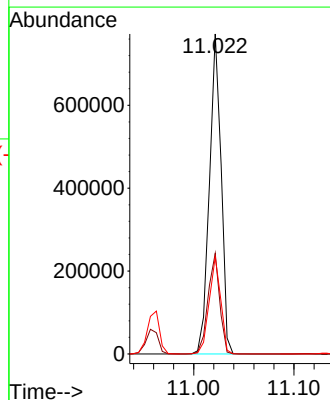
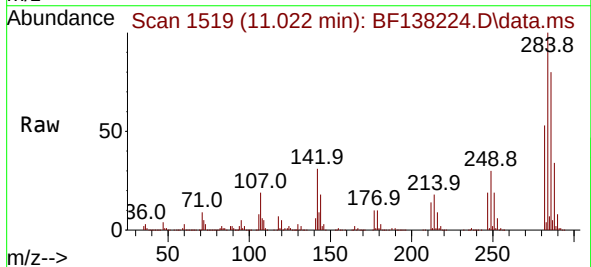
Instrument :
BNA_F
ClientSampleId :
POLEMS

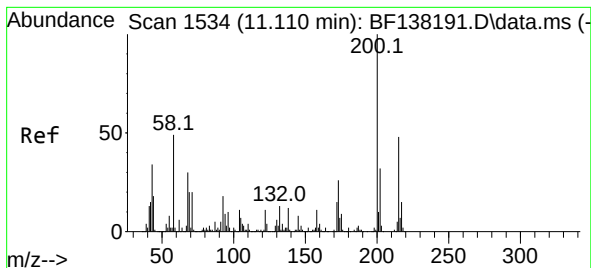
Tgt Ion:248 Resp: 597128
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 59.2 44.1 66.1



#68
Hexachlorobenzene
Concen: 46.646 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:284 Resp: 627723
Ion Ratio Lower Upper
284 100
142 31.4 24.8 37.2
249 30.4 23.8 35.6





#69

Atrazine

Concen: 54.820 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

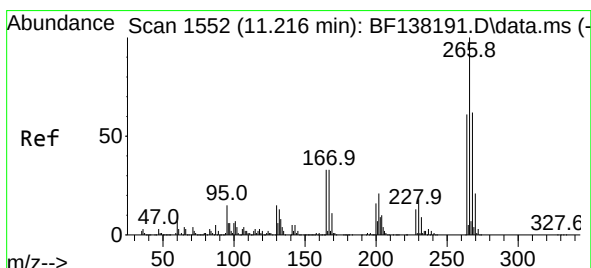
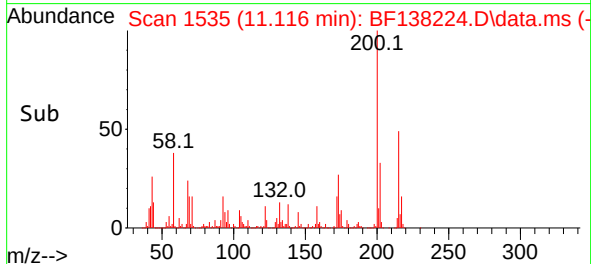
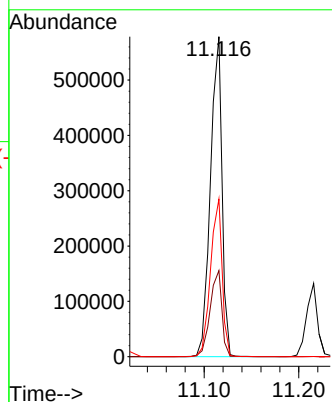
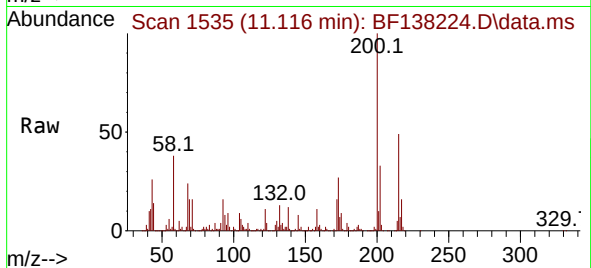
Tgt Ion:200 Resp: 489205

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

215 49.2 28.0 68.0



#70

Pentachlorophenol

Concen: 77.229 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

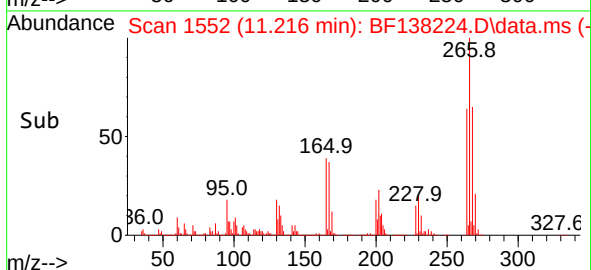
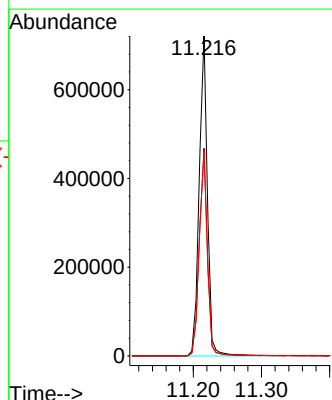
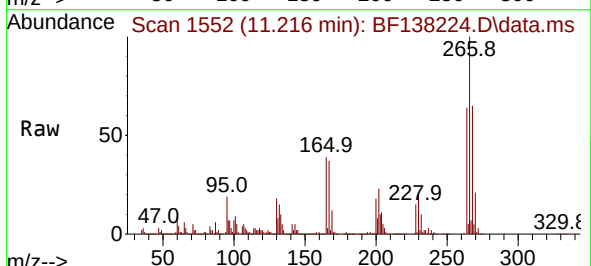
Tgt Ion:266 Resp: 606118

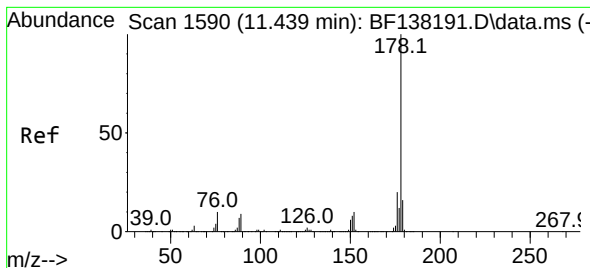
Ion Ratio Lower Upper

266 100

268 64.9 49.5 74.3

264 64.1 49.2 73.8





#71

Phenanthrene

Concen: 45.190 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

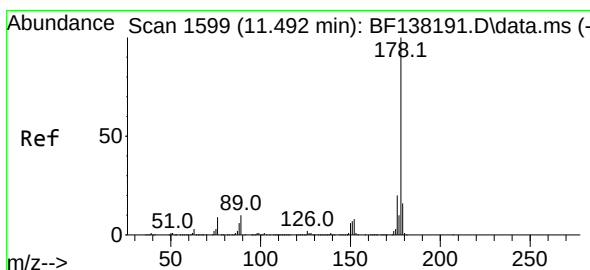
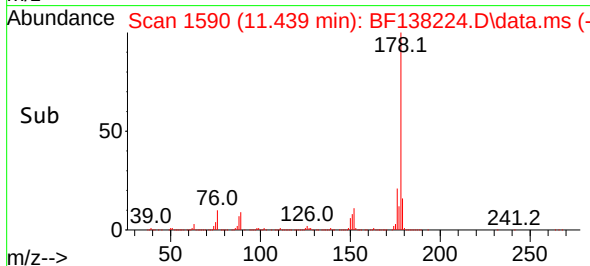
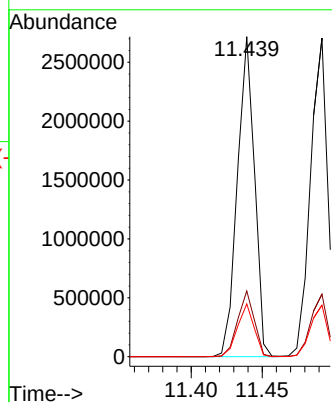
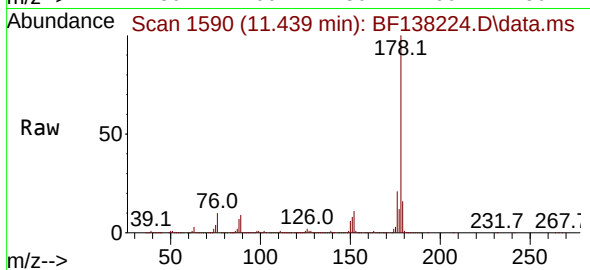
Tgt Ion:178 Resp: 2287014

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

179 16.5 13.1 19.7



#72

Anthracene

Concen: 45.506 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

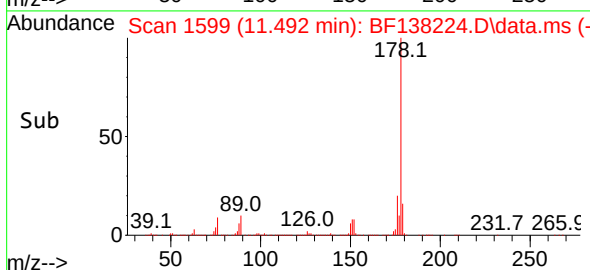
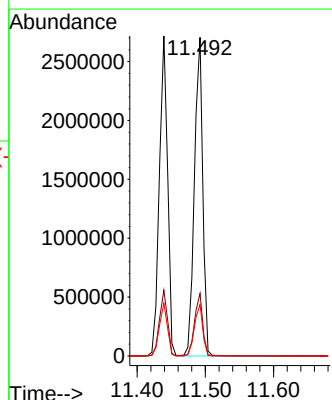
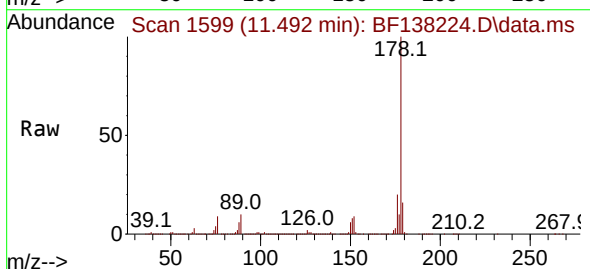
Tgt Ion:178 Resp: 2286548

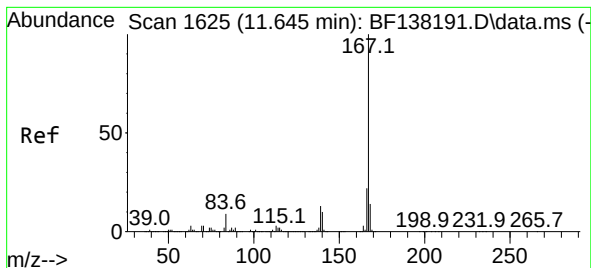
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.2 13.0 19.6





#73

Carbazole

Concen: 40.904 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

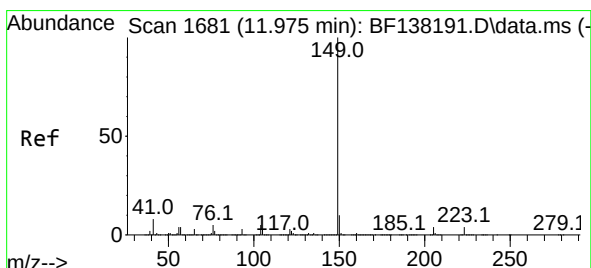
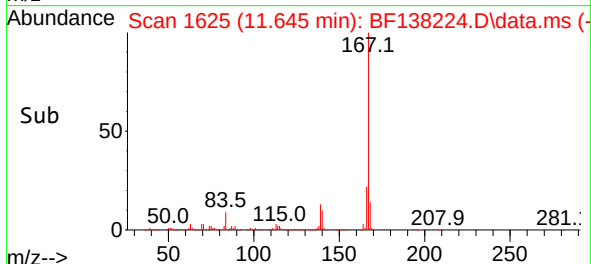
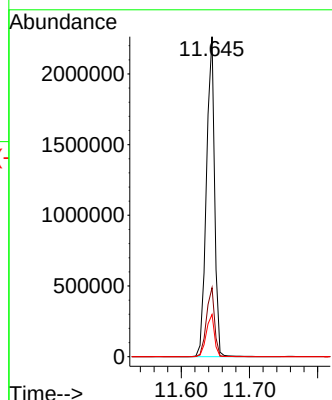
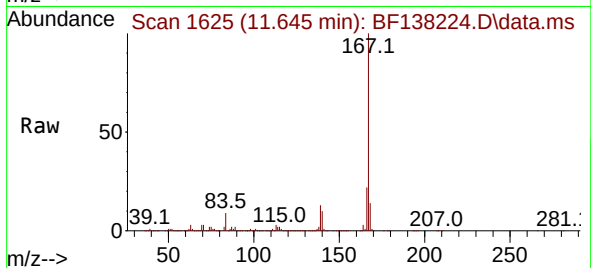
Tgt Ion:167 Resp: 1885102

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 56.862 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

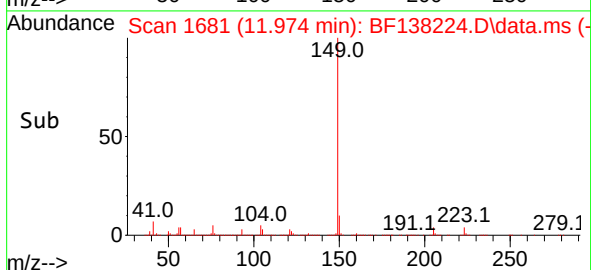
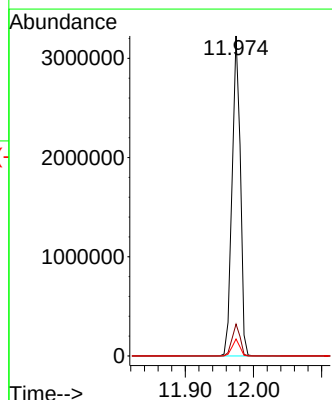
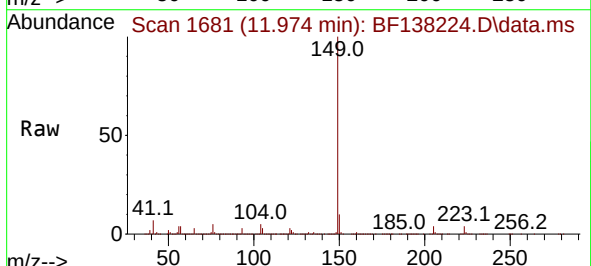
Tgt Ion:149 Resp: 2712911

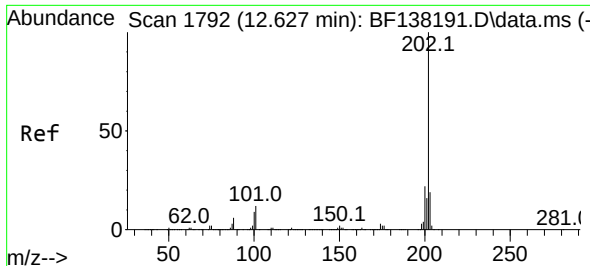
Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

104 5.3 4.1 6.1

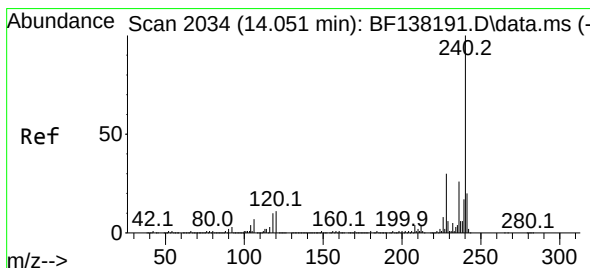
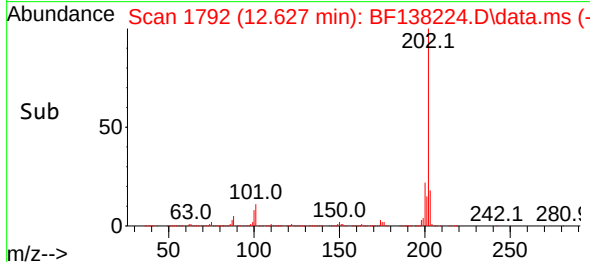
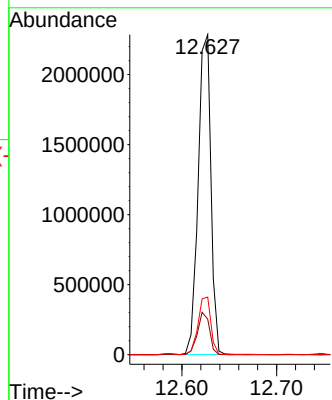
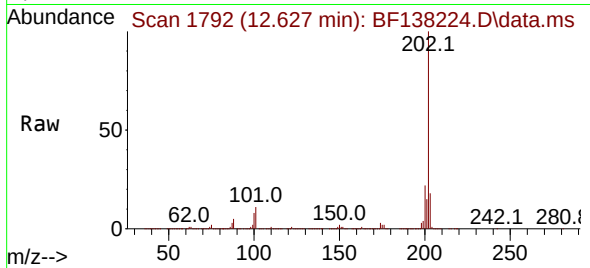




#75
Fluoranthene
Concen: 41.394 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

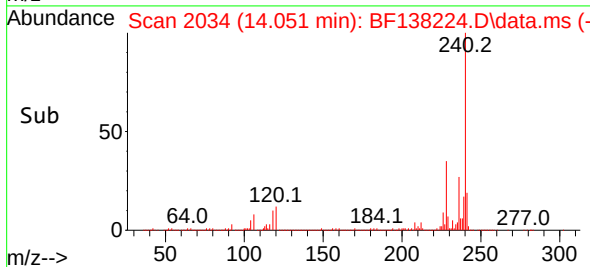
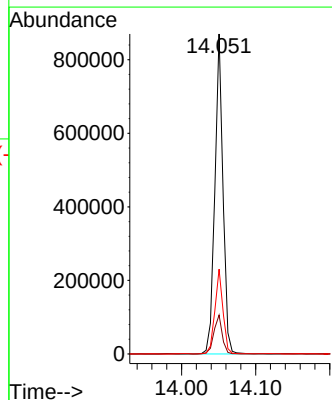
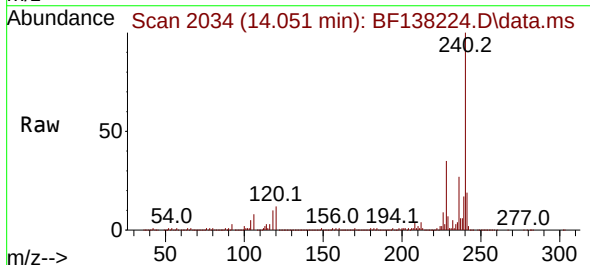
Instrument :
BNA_F
ClientSampleId :
POLEMS

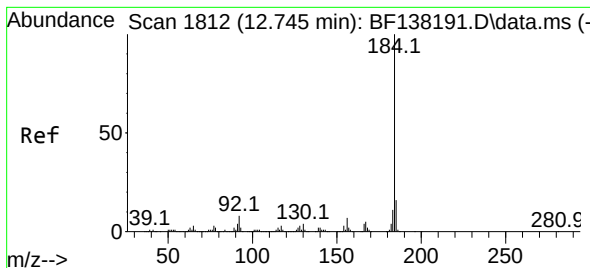
Tgt Ion:202 Resp: 2136214
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.8
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:240 Resp: 660691
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 26.5 21.0 31.6





#77

Benzidine

Concen: 117.008 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

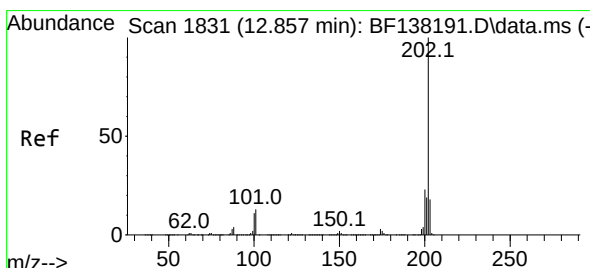
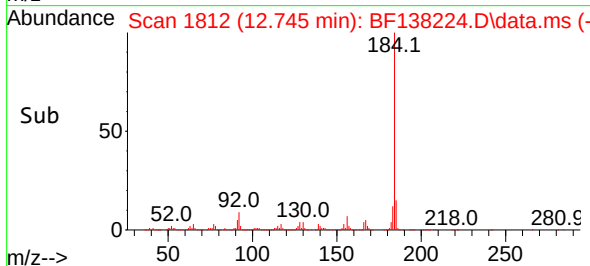
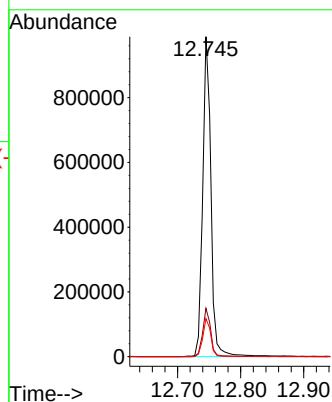
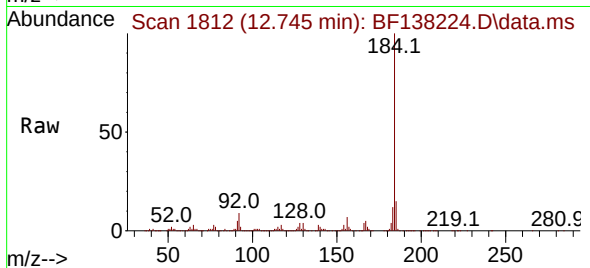
Tgt Ion:184 Resp: 894178

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

183 11.9 9.0 13.6



#78

Pyrene

Concen: 38.400 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

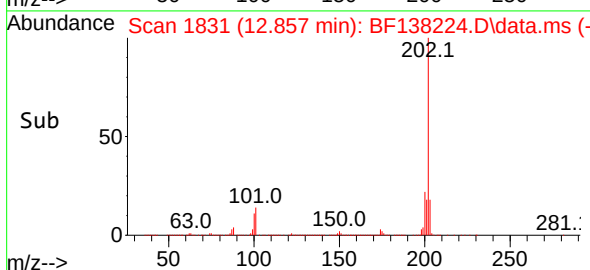
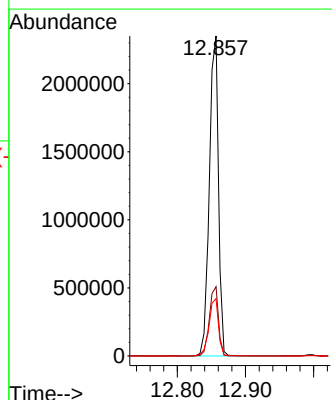
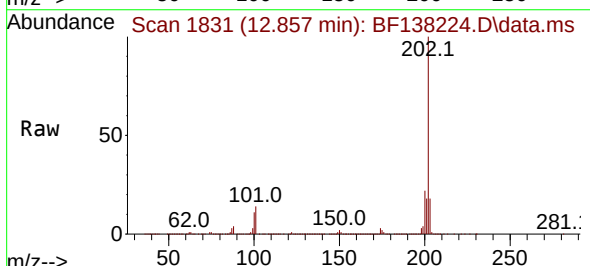
Tgt Ion:202 Resp: 2188383

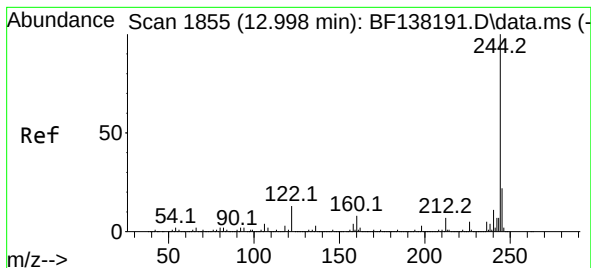
Ion Ratio Lower Upper

202 100

200 21.7 18.0 27.0

203 17.9 14.7 22.1





#79

Terphenyl-d14

Concen: 54.272 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

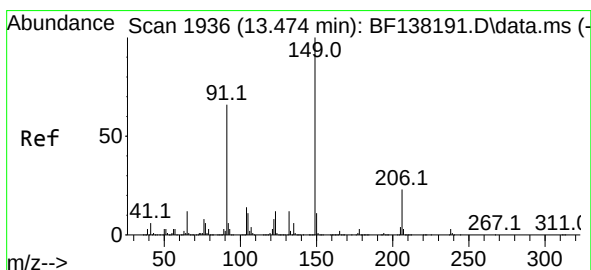
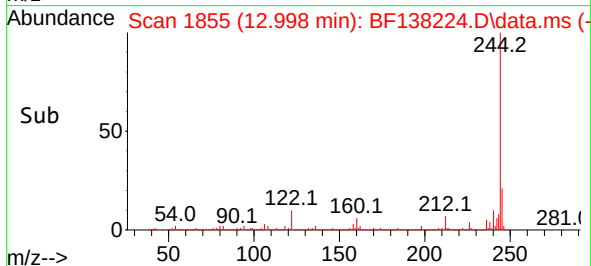
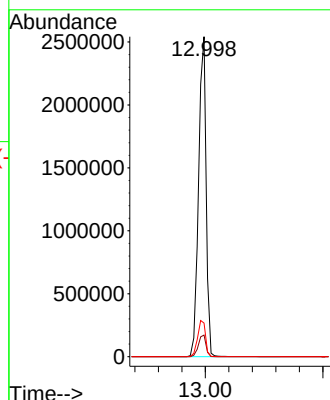
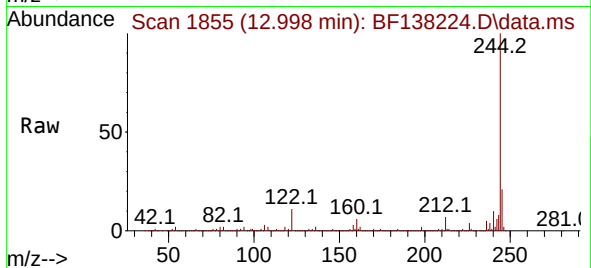
Tgt Ion:244 Resp: 2263961

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.5 10.6 15.8#



#80

Butylbenzylphthalate

Concen: 60.783 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

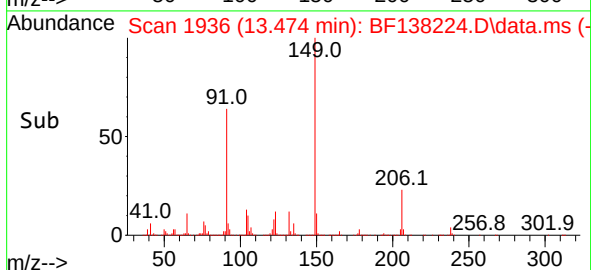
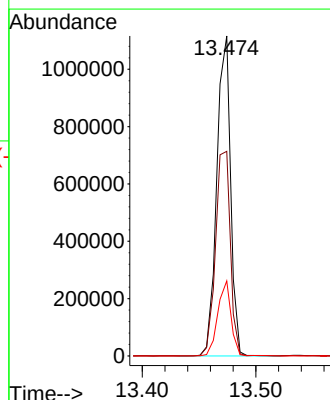
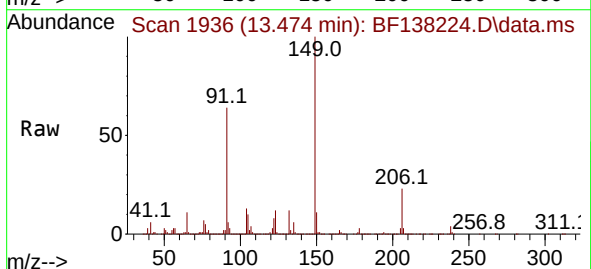
Tgt Ion:149 Resp: 942214

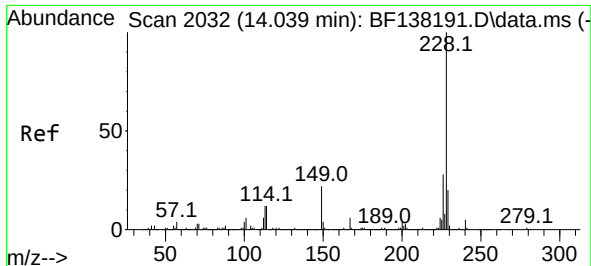
Ion Ratio Lower Upper

149 100

91 63.9 53.2 79.8

206 23.5 18.6 27.8

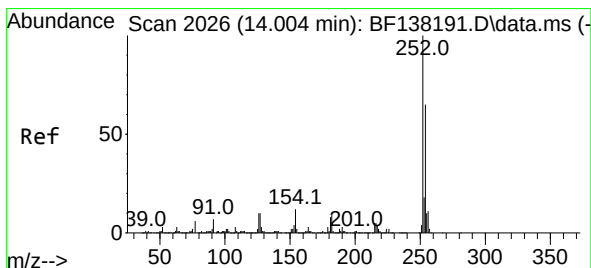
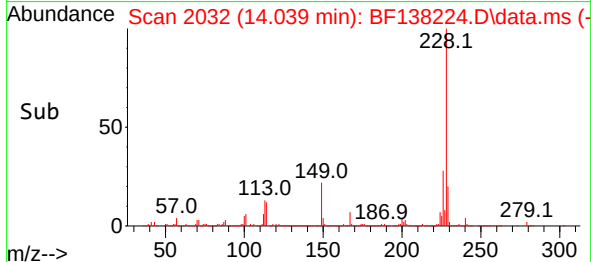
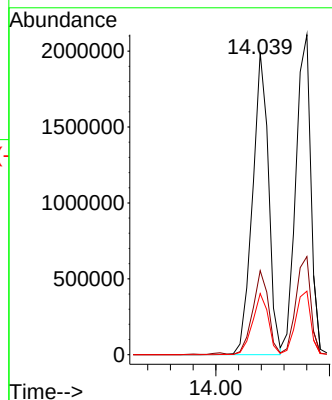
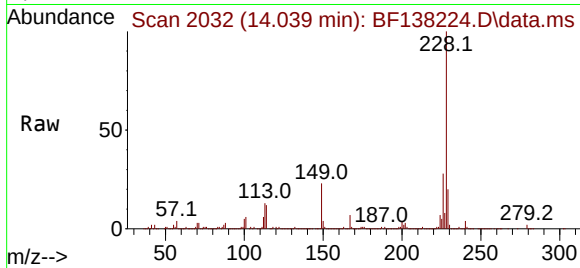




#81
Benzo(a)anthracene
Concen: 45.922 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

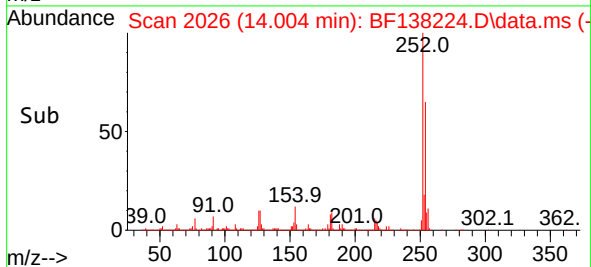
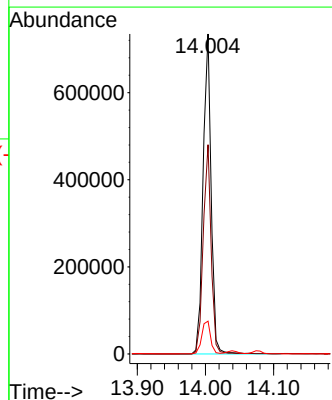
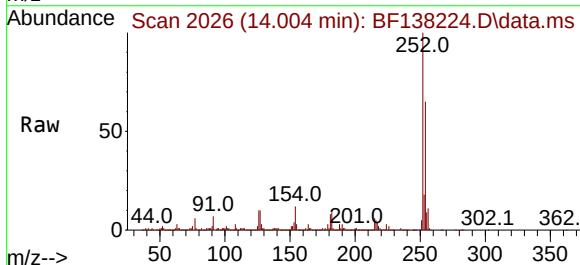
Instrument :
BNA_F
ClientSampleId :
POLEMS

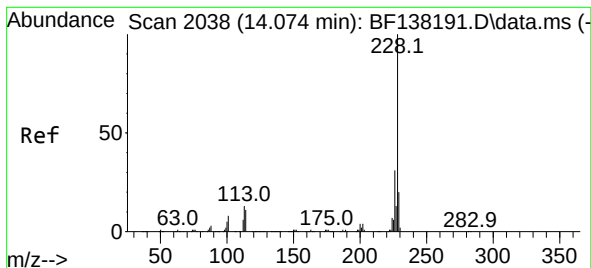
Tgt Ion:228 Resp: 1946468
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 51.770 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:252 Resp: 604286
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 10.3 8.3 12.5





#83

Chrysene

Concen: 47.847 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

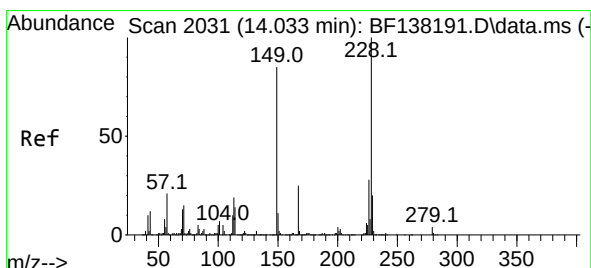
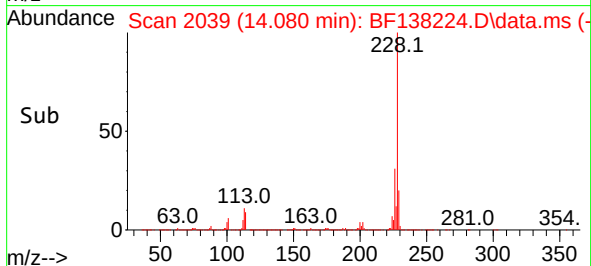
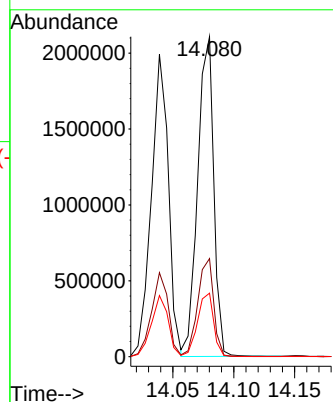
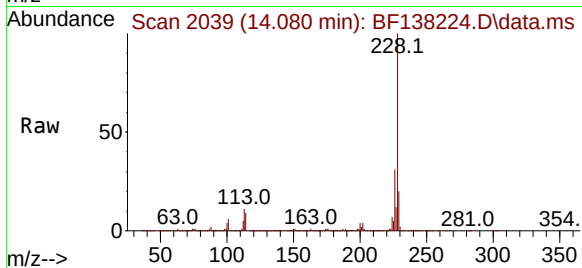
Tgt Ion:228 Resp: 1933130

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.203 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

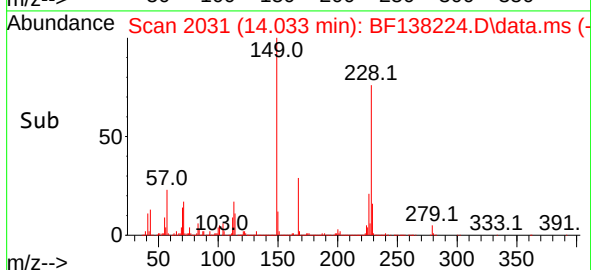
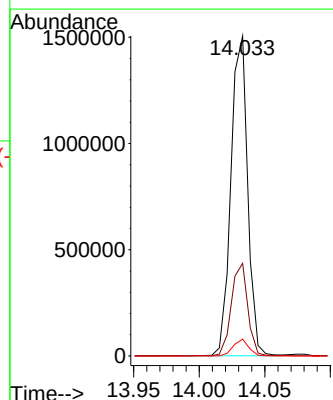
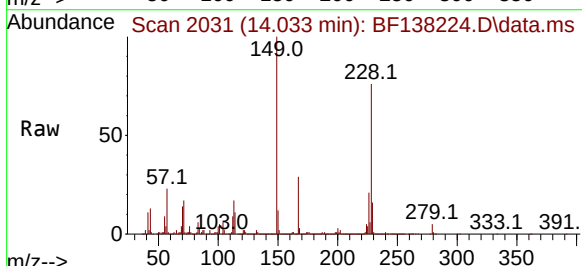
Tgt Ion:149 Resp: 1337814

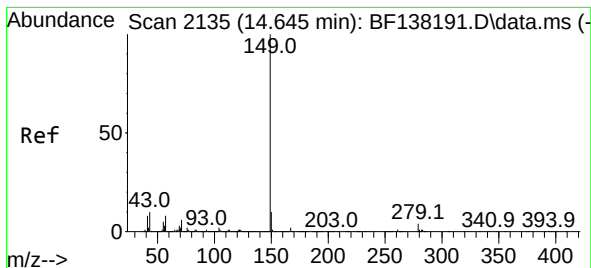
Ion Ratio Lower Upper

149 100

167 29.0 23.5 35.3

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 88.910 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

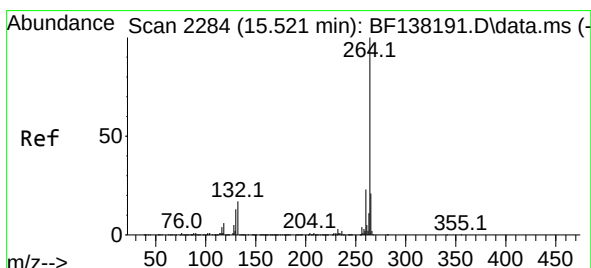
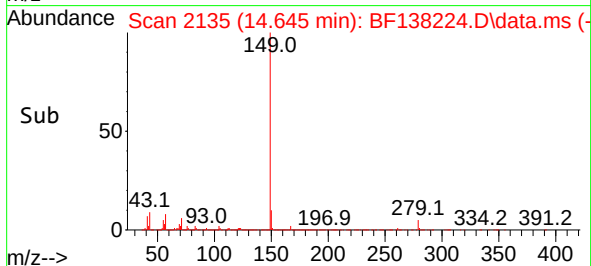
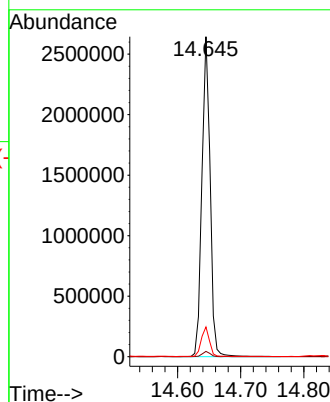
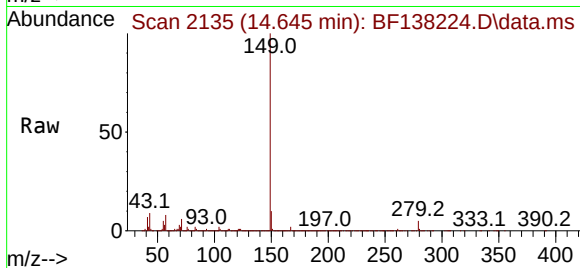
Tgt Ion:149 Resp: 2381360

Ion Ratio Lower Upper

149 100

167 1.6 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: BF138224.D

Acq: 18 Jun 2024 15:00

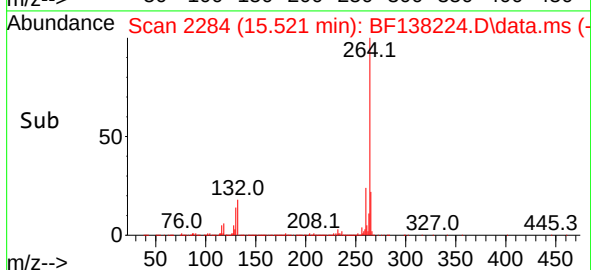
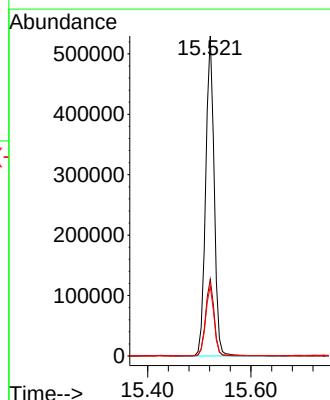
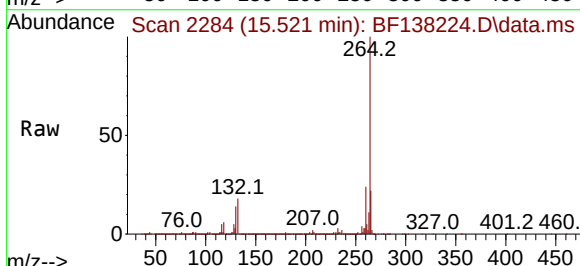
Tgt Ion:264 Resp: 603710

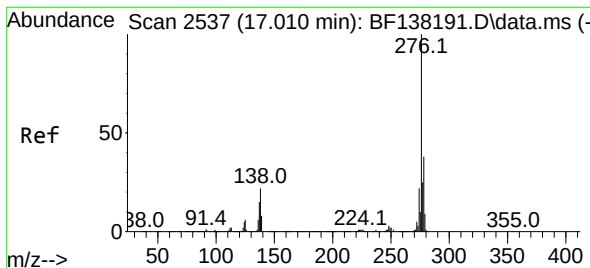
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.295 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

POLEMS

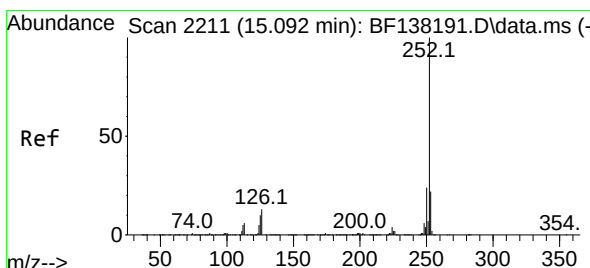
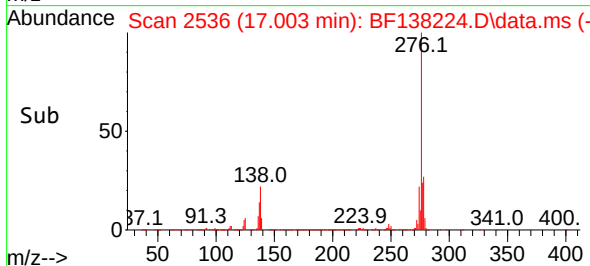
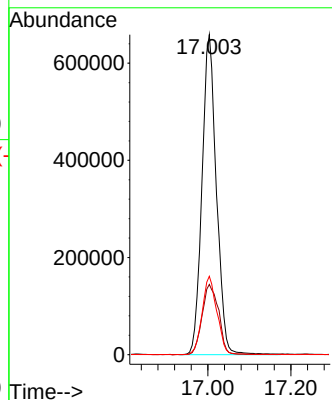
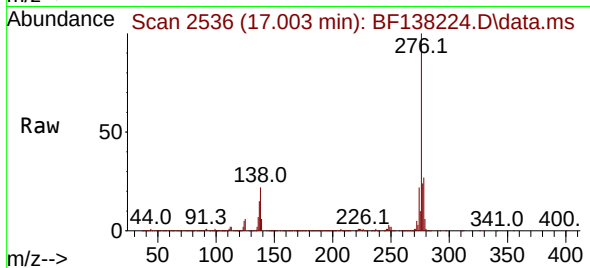
Tgt Ion:276 Resp: 1585868

Ion Ratio Lower Upper

276 100

138 25.1 19.3 28.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.347 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138224.D

Acq: 18 Jun 2024 15:00

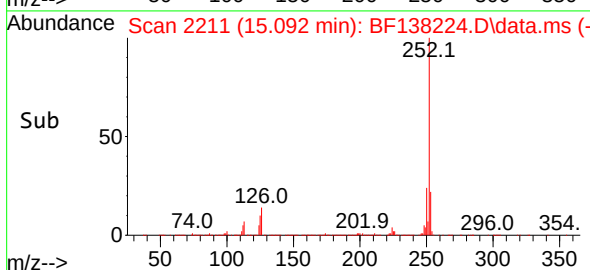
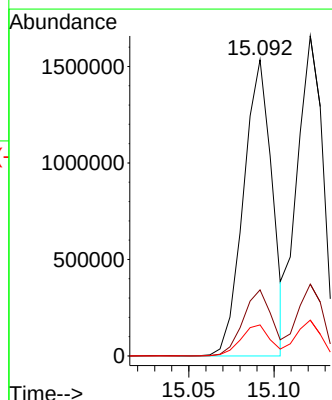
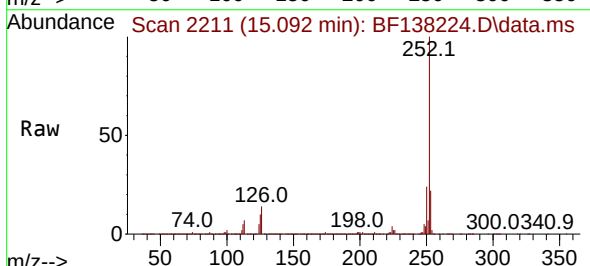
Tgt Ion:252 Resp: 1792415

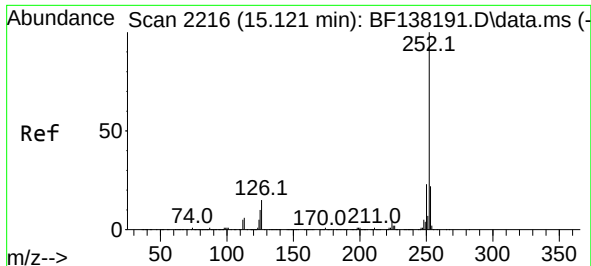
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.5 7.8 11.8

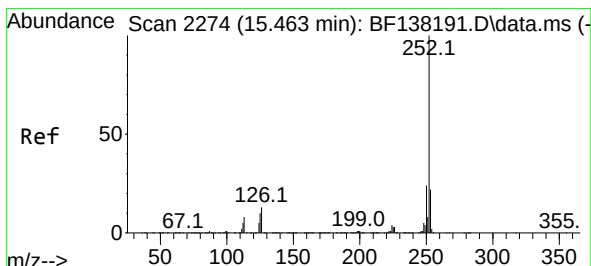
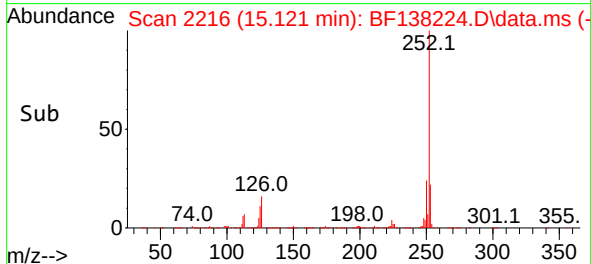
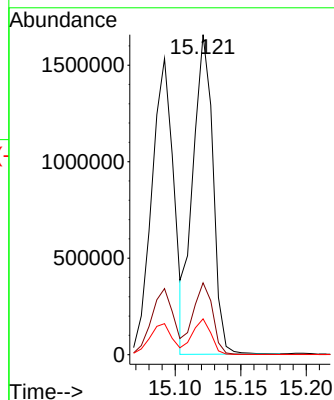
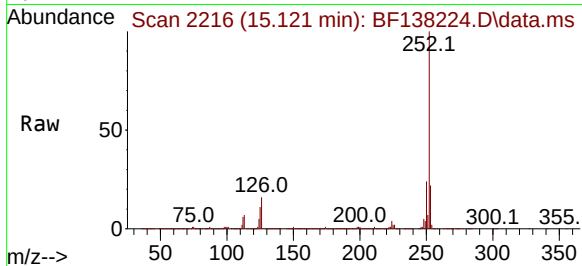




#89
Benzo(k)fluoranthene
Concen: 50.325 ng
RT: 15.121 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

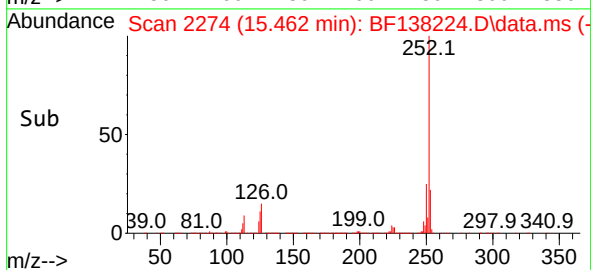
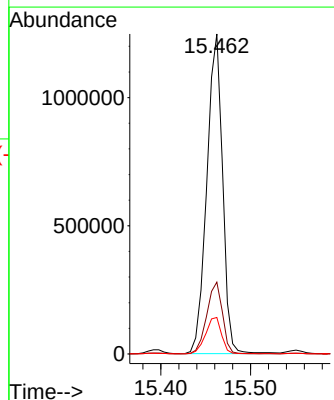
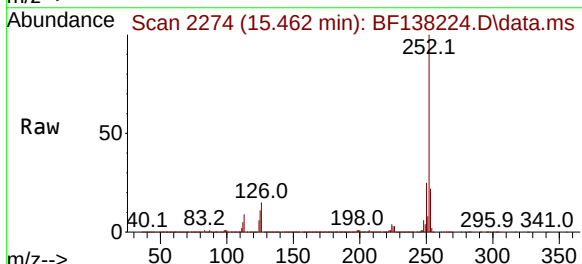
Instrument :
BNA_F
ClientSampleId :
POLEMS

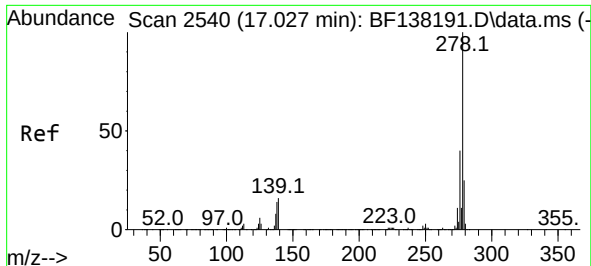
Tgt Ion:252 Resp: 1755860
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.2 8.0 12.0



#90
Benzo(a)pyrene
Concen: 49.783 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:252 Resp: 1522629
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.4 8.2 12.2



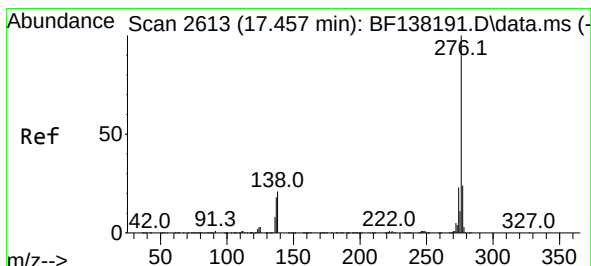
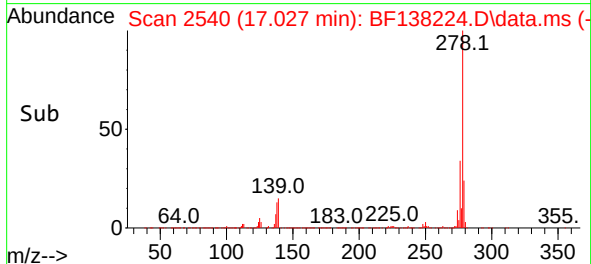
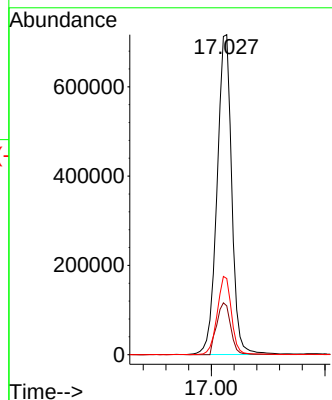
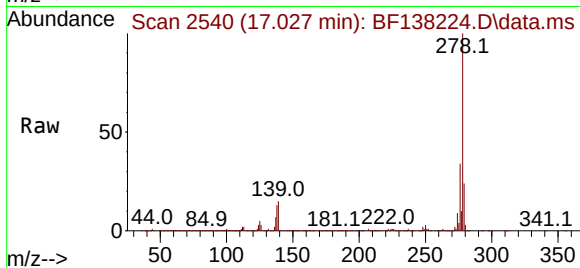


#91
Dibenzo(a,h)anthracene
Concen: 39.740 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
POLEMS

Tgt Ion:278 Resp: 1283763

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.9	19.3
279	23.8	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 35.410 ng
RT: 17.450 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF138224.D
Acq: 18 Jun 2024 15:00

Tgt Ion:276 Resp: 1183342

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	22.2	16.6	24.8

