

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139209.D
 Acq On : 28 Aug 2024 15:22
 Operator : RC/JU
 Sample : P3767-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5-COMPOSITEMSD

Quant Time: Aug 28 16:21:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	82776	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	308365	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	163332	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	232785	20.000	ng	0.00
76) Chrysene-d12	14.051	240	169325	20.000	ng	0.00
86) Perylene-d12	15.521	264	146847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	403269	81.864	ng	0.01
7) Phenol-d6	6.522	99	544294	80.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	365693	65.700	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116862	83.541	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	610305	58.043	ng	0.00
79) Terphenyl-d14	12.992	244	500097	46.084	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	97962	42.051	ng	100
3) Pyridine	3.504	79	265874	45.923	ng	99
4) n-Nitrosodimethylamine	3.457	42	156682	46.485	ng	100
6) Aniline	6.551	93	196867	31.065	ng	92
8) 2-Chlorophenol	6.675	128	257880	55.101	ng	98
9) Benzaldehyde	6.440	77	106812	25.242	ng	99
10) Phenol	6.534	94	345991	50.710	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	256574	47.727	ng	98
12) 1,3-Dichlorobenzene	6.834	146	285297	46.226	ng	99
13) 1,4-Dichlorobenzene	6.910	146	287502	46.431	ng	99
14) 1,2-Dichlorobenzene	7.063	146	273134	46.883	ng	99
15) Benzyl Alcohol	7.034	79	270375	53.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	372207	47.761	ng	96
17) 2-Methylphenol	7.145	107	216275	50.691	ng	97
18) Hexachloroethane	7.404	117	100983	51.547	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	206035	50.954	ng	98
20) 3+4-Methylphenols	7.298	107	273690	50.289	ng	94
22) Acetophenone	7.298	105	367969	46.442	ng	97
24) Nitrobenzene	7.475	77	311186	47.985	ng	95
25) Isophorone	7.710	82	539849	49.045	ng	100
26) 2-Nitrophenol	7.792	139	126733	60.207	ng	98
27) 2,4-Dimethylphenol	7.828	122	203953	62.515	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	311419	48.867	ng	99
29) 2,4-Dichlorophenol	8.028	162	212520	52.775	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	229788	44.250	ng	99
31) Naphthalene	8.198	128	734275	46.569	ng	100
32) Benzoic acid	7.922	122	104449	39.529	ng	98
33) 4-Chloroaniline	8.239	127	79009	14.541	ng	98
34) Hexachlorobutadiene	8.310	225	154233	45.705	ng	99
35) Caprolactam	8.610	113	63284	51.228	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	226655	49.077	ng	99
37) 2-Methylnaphthalene	8.886	142	470870	47.637	ng	100
38) 1-Methylnaphthalene	8.986	142	433430	44.863	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	233796	48.259	ng	99
41) Hexachlorocyclopentadiene	9.039	237	206123	132.501	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	153727	56.750	ng	99

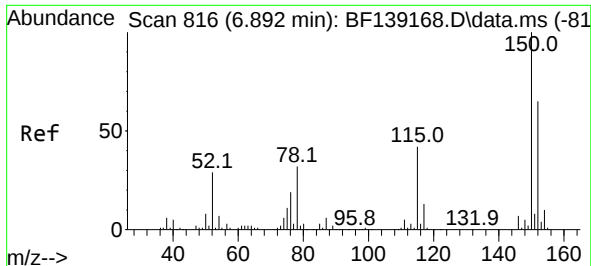
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	150152	52.881	ng	99
46) 1,1'-Biphenyl	9.351	154	565235	47.811	ng	100
47) 2-Chloronaphthalene	9.375	162	436952	46.328	ng	98
48) 2-Nitroaniline	9.469	65	147801	52.603	ng	95
49) Acenaphthylene	9.792	152	673818	50.702	ng	99
50) Dimethylphthalate	9.651	163	517528	54.851	ng	100
51) 2,6-Dinitrotoluene	9.710	165	107074	52.478	ng	89
52) Acenaphthene	9.963	154	434238	49.738	ng	100
53) 3-Nitroaniline	9.875	138	66995	33.962	ng	99
54) 2,4-Dinitrophenol	9.981	184	54917	64.612	ng #	64
55) Dibenzofuran	10.133	168	599622	47.061	ng	100
56) 4-Nitrophenol	10.033	139	135472	78.709	ng	96
57) 2,4-Dinitrotoluene	10.110	165	134473	51.947	ng	93
58) Fluorene	10.475	166	451246	44.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	115178	50.612	ng	99
60) Diethylphthalate	10.351	149	478951	53.907	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	229007	46.422	ng	100
62) 4-Nitroaniline	10.486	138	79230	38.698	ng	95
63) Azobenzene	10.628	77	497605	46.071	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	44589	49.641	ng	91
66) n-Nitrosodiphenylamine	10.586	169	378155	54.851	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	134530	54.391	ng	98
68) Hexachlorobenzene	11.022	284	137799	51.480	ng	98
69) Atrazine	11.110	200	118259	78.644	ng	99
70) Pentachlorophenol	11.216	266	149103	94.877	ng	99
71) Phenanthrene	11.439	178	613508	52.154	ng	99
72) Anthracene	11.486	178	597167	52.078	ng	99
73) Carbazole	11.639	167	471726	45.987	ng	100
74) Di-n-butylphthalate	11.975	149	607913	68.378	ng	100
75) Fluoranthene	12.622	202	611339	53.552	ng	100
77) Benzidine	12.745	184	125928	44.073	ng	98
78) Pyrene	12.851	202	614555	38.639	ng	99
80) Butylbenzylphthalate	13.474	149	225564	67.069	ng	99
81) Benzo(a)anthracene	14.039	228	559645	49.883	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	120114	45.983	ng	99
83) Chrysene	14.080	228	535403	52.904	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	305668	75.984	ng	99
85) Di-n-octyl phthalate	14.645	149	515690	64.903	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	357696	35.624	ng	99
88) Benzo(b)fluoranthene	15.092	252	510049	59.376	ng	99
89) Benzo(k)fluoranthene	15.121	252	407870	52.518	ng	99
90) Benzo(a)pyrene	15.463	252	405420	55.603	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	282496	34.326	ng	98
92) Benzo(g,h,i)perylene	17.451	276	258350	30.349	ng	98

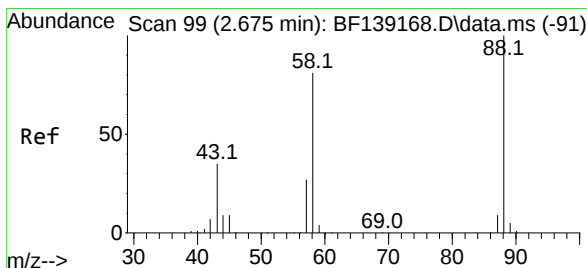
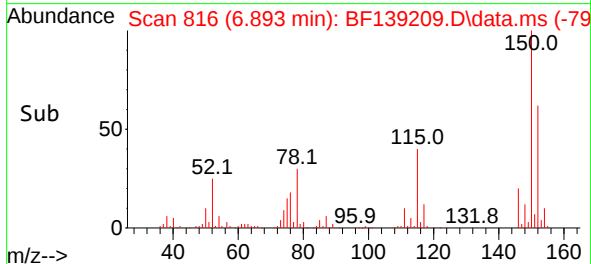
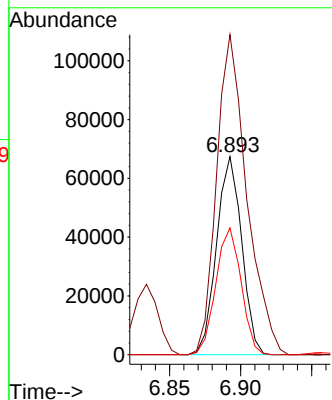
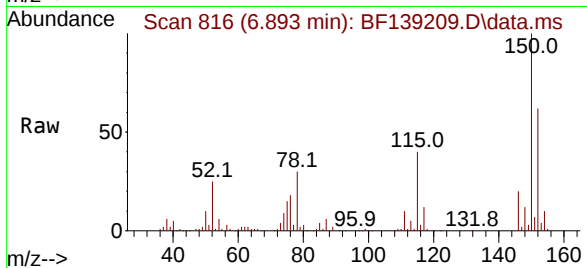
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

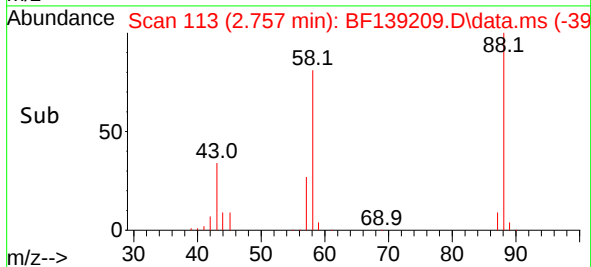
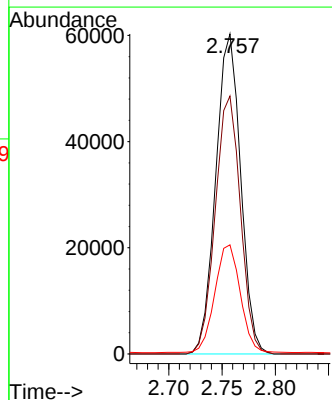
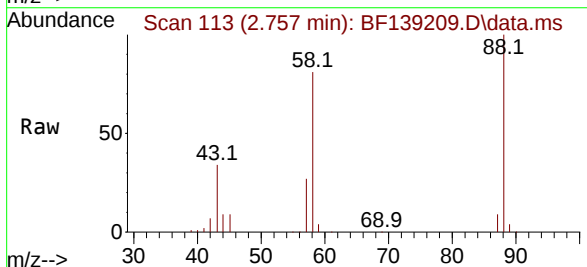
Instrument :
 BNA_F
 ClientSampleId :
 P-5-COMPOSITEMSD

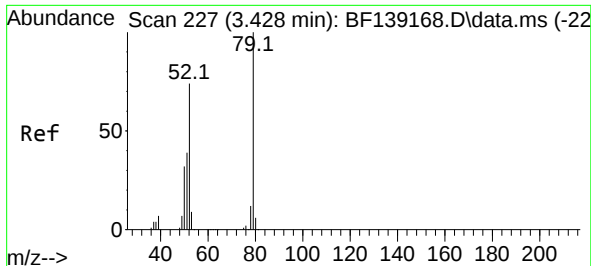
Tgt Ion:152 Resp: 82776
 Ion Ratio Lower Upper
 152 100
 150 161.5 123.7 185.5
 115 64.0 51.8 77.8



#2
 1,4-Dioxane
 Concen: 42.051 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.082 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

Tgt Ion: 88 Resp: 97962
 Ion Ratio Lower Upper
 88 100
 58 81.4 65.0 97.6
 43 34.7 28.4 42.6





#3

Pyridine

Concen: 45.923 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.077 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

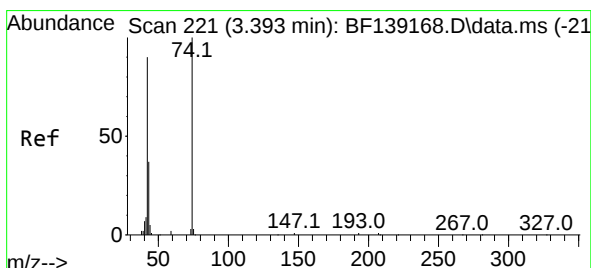
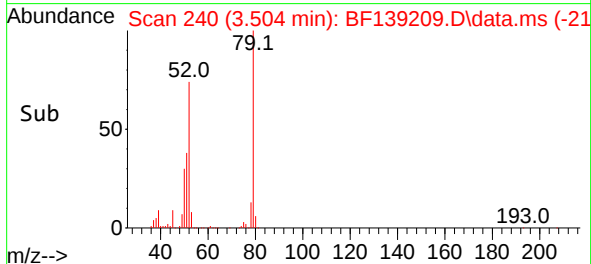
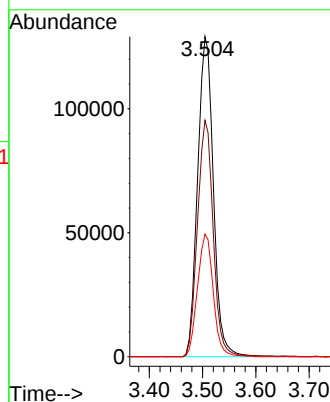
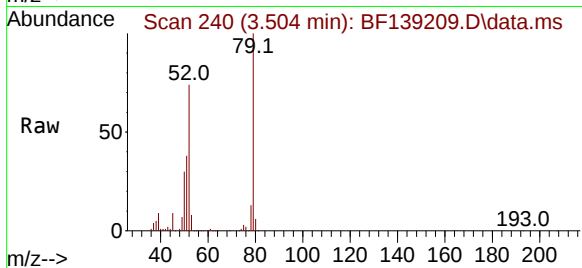
Tgt Ion: 79 Resp: 265874

Ion Ratio Lower Upper

79 100

52 73.8 59.5 89.3

51 38.3 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 46.485 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.065 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

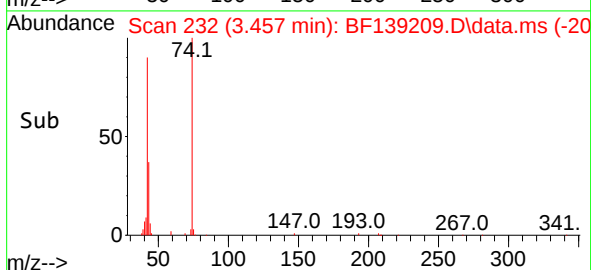
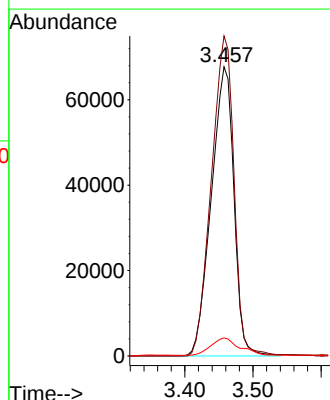
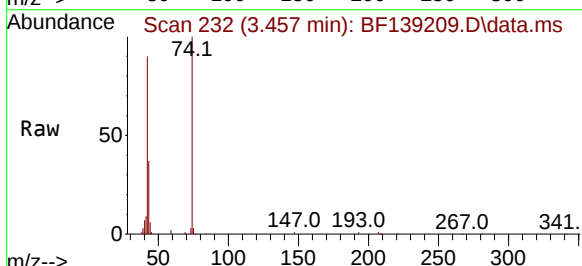
Tgt Ion: 42 Resp: 156682

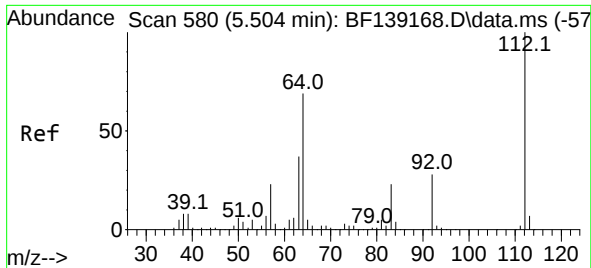
Ion Ratio Lower Upper

42 100

74 110.7 88.6 132.8

44 6.2 5.0 7.4

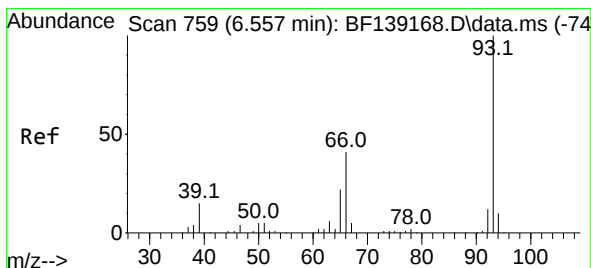
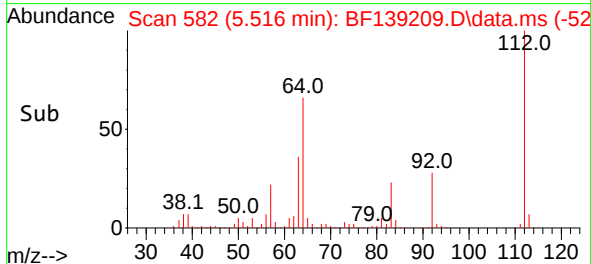
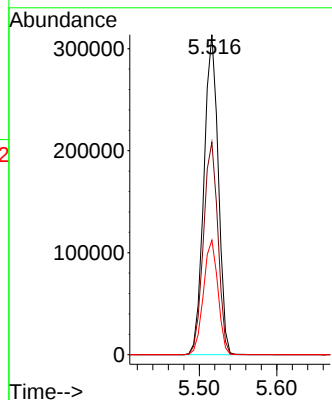
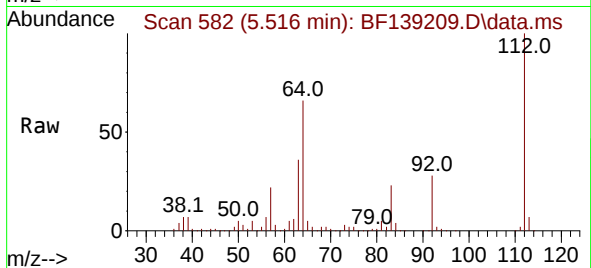




#5
2-Fluorophenol
Concen: 81.864 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

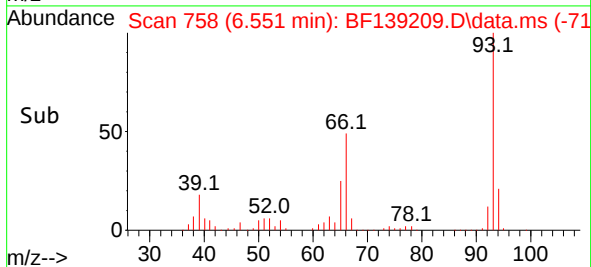
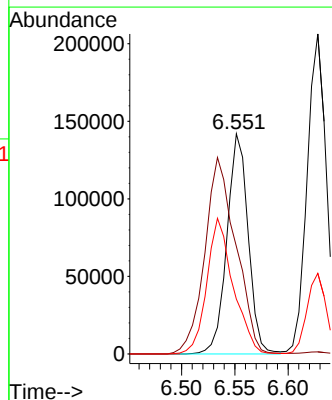
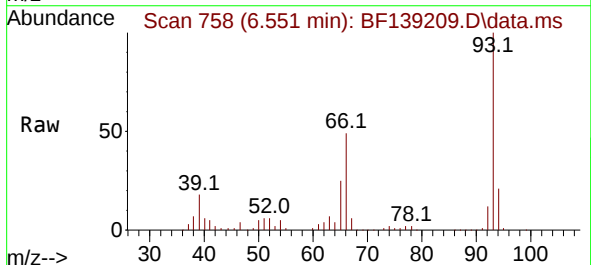
Instrument :
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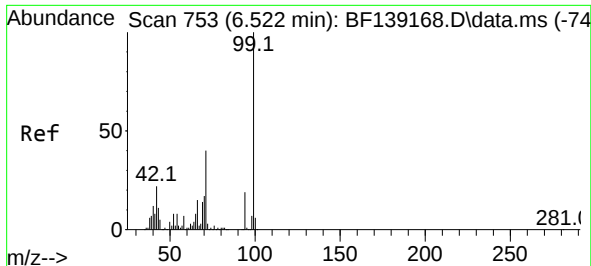
Tgt Ion:112 Resp: 403269
Ion Ratio Lower Upper
112 100
64 66.4 55.5 83.3
63 35.8 29.8 44.6



#6
Aniline
Concen: 31.065 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion: 93 Resp: 196867
Ion Ratio Lower Upper
93 100
66 48.8 35.0 52.4
65 25.0 17.2 25.8

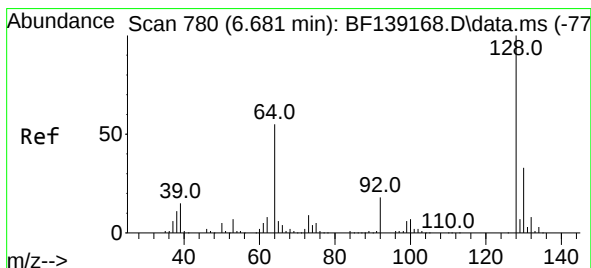
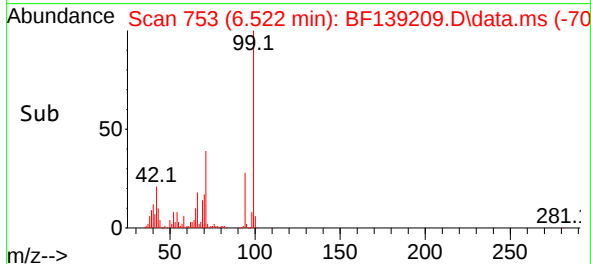
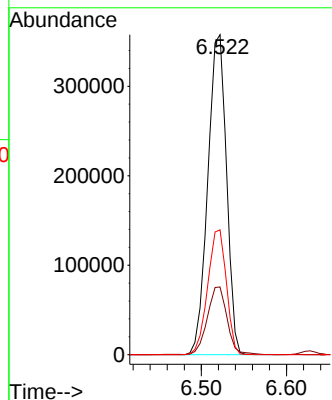
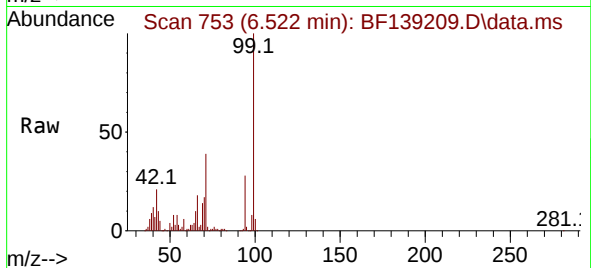




#7
Phenol-d6
Concen: 80.509 ng
RT: 6.522 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

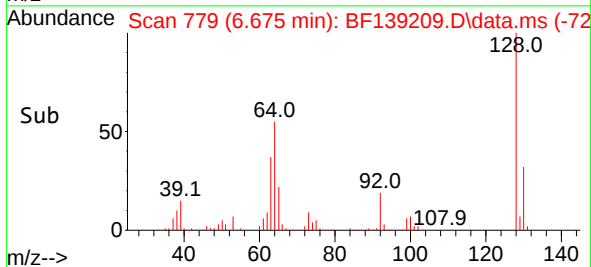
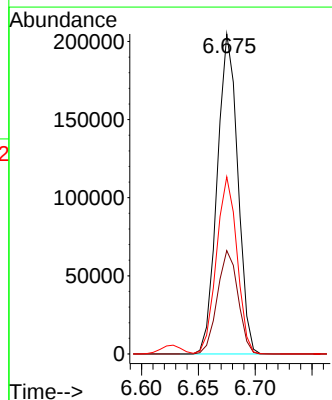
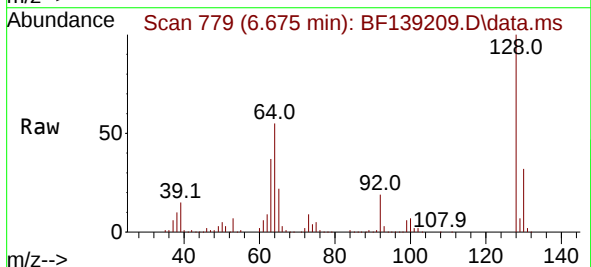
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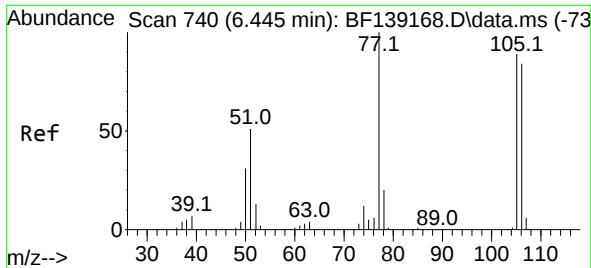
Tgt Ion: 99 Resp: 544294
Ion Ratio Lower Upper
99 100
42 21.1 17.9 26.9
71 39.0 31.7 47.5



#8
2-Chlorophenol
Concen: 55.101 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion: 128 Resp: 257880
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 55.4 37.3 77.3





#9

Benzaldehyde

Concen: 25.242 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

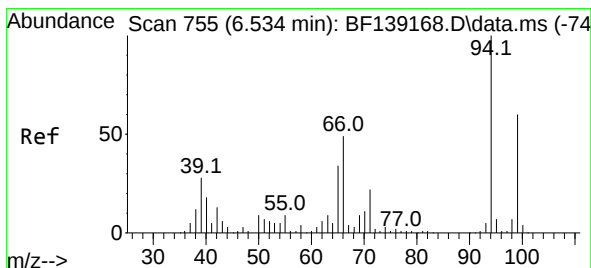
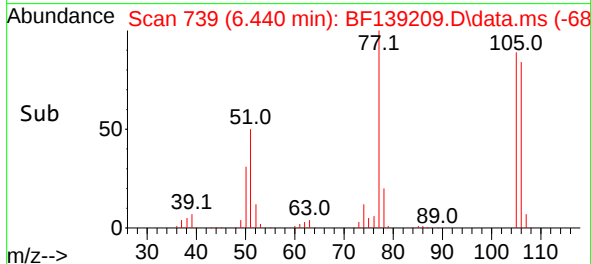
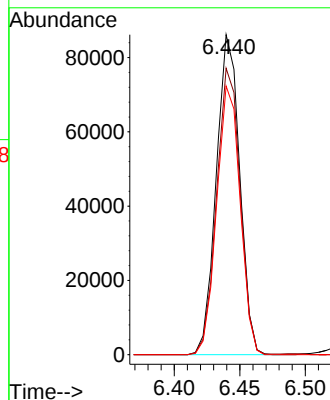
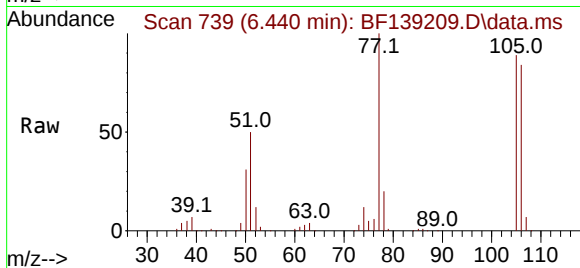
Tgt Ion: 77 Resp: 106812

Ion Ratio Lower Upper

77 100

105 89.5 68.7 108.7

106 84.0 64.2 104.2



#10

Phenol

Concen: 50.710 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

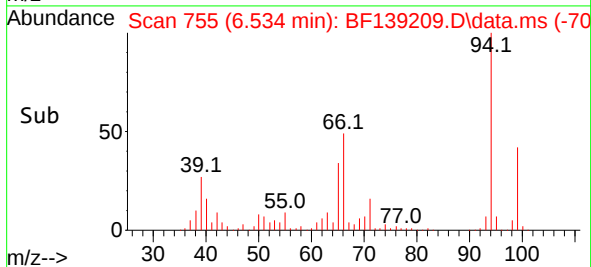
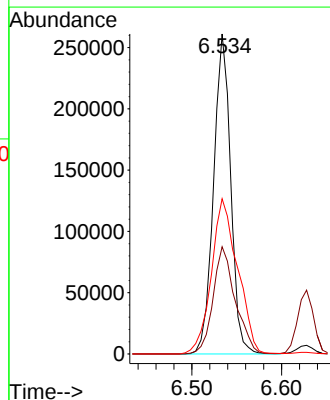
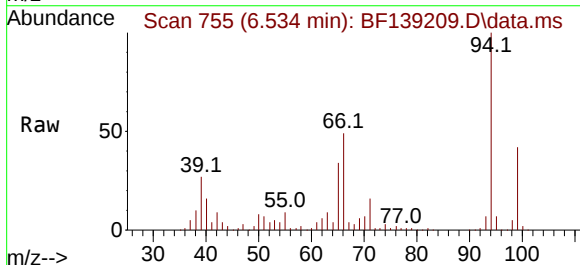
Tgt Ion: 94 Resp: 345991

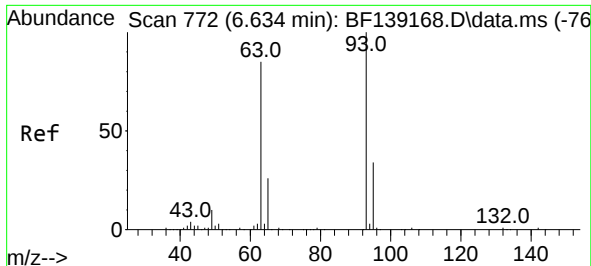
Ion Ratio Lower Upper

94 100

65 33.5 14.1 54.1

66 48.5 29.8 69.8

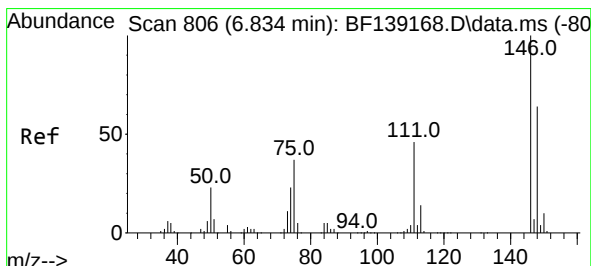
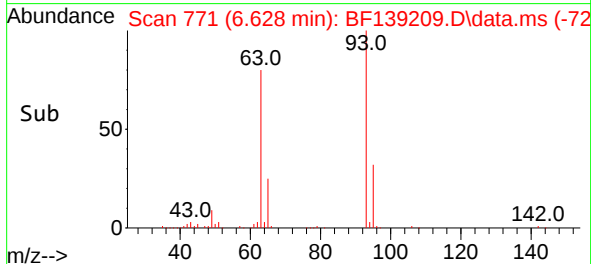
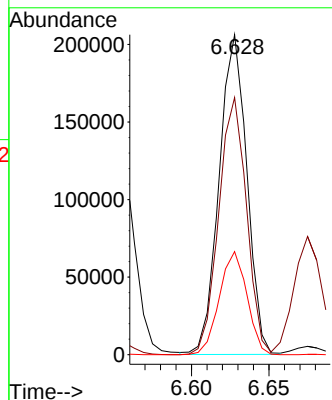
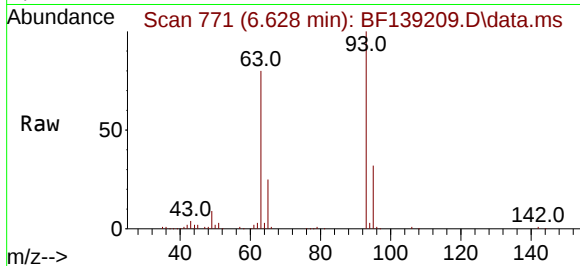




#11
bis(2-Chloroethyl)ether
Concen: 47.727 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

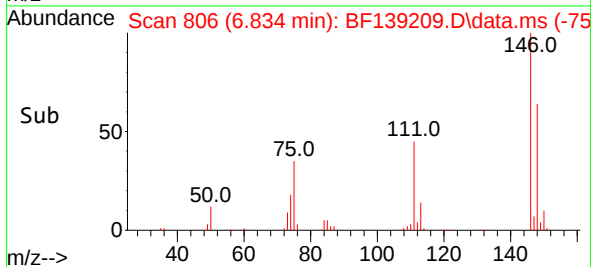
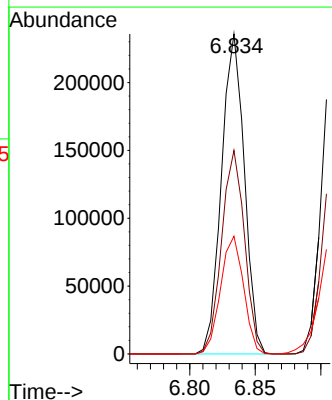
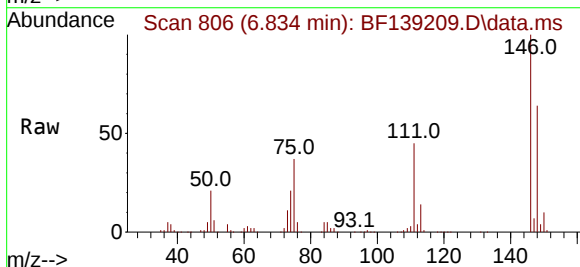
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

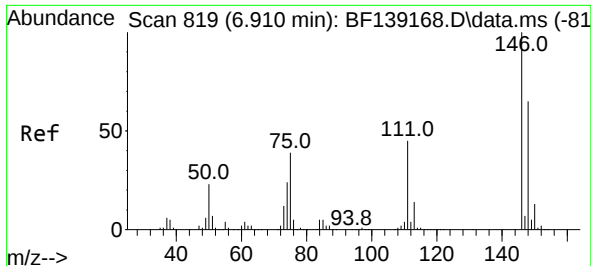
Tgt Ion: 93 Resp: 256574
Ion Ratio Lower Upper
93 100
63 80.4 62.4 102.4
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 46.226 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:146 Resp: 285297
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 36.8 29.9 44.9

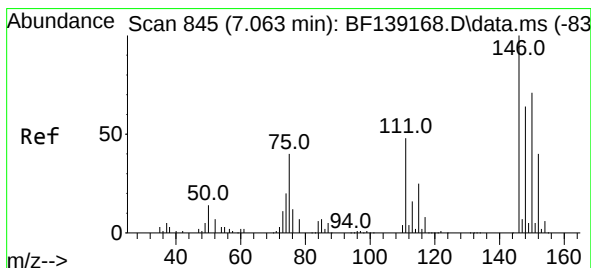
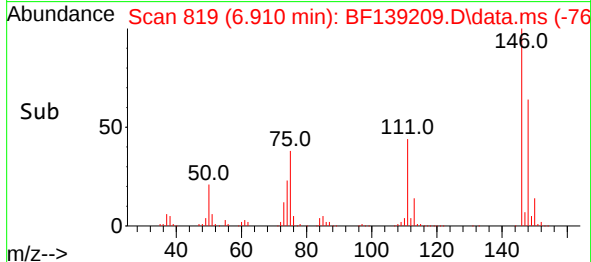
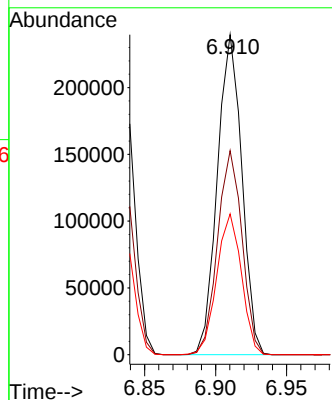
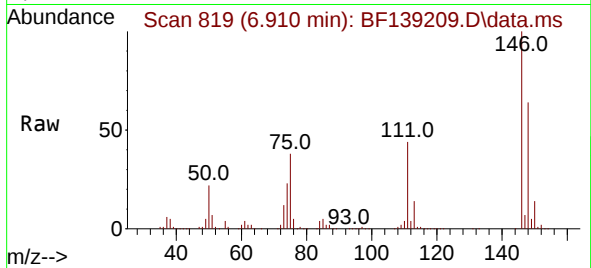




#13
1,4-Dichlorobenzene
Concen: 46.431 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

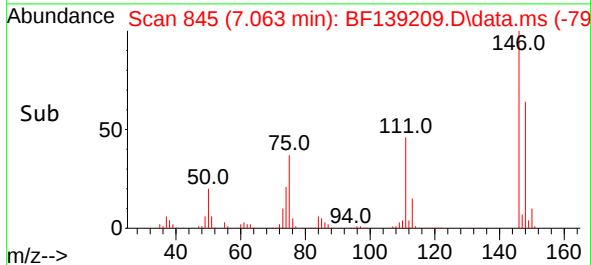
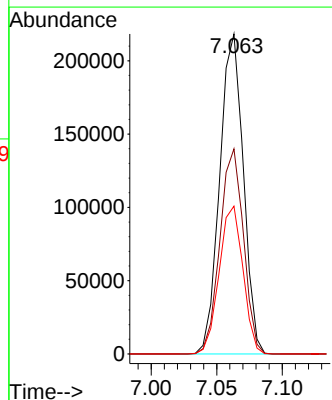
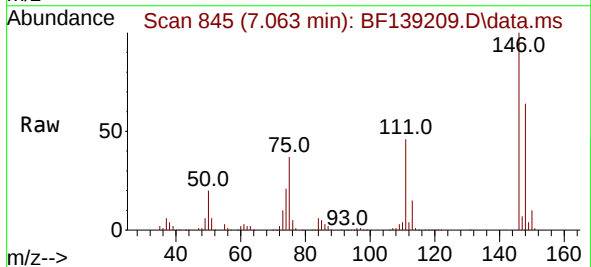
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

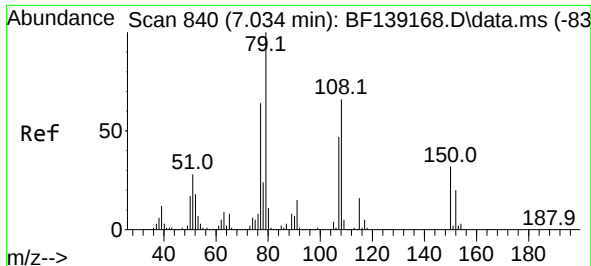
Tgt Ion:146 Resp: 287502
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
111 44.0 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 46.883 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:146 Resp: 273134
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 46.2 38.6 58.0

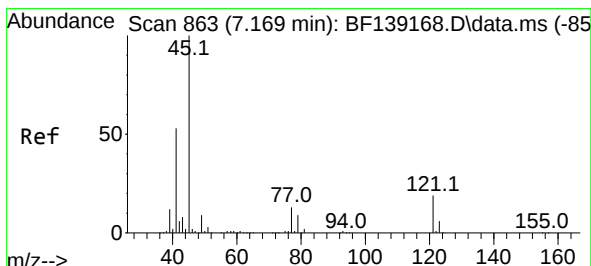
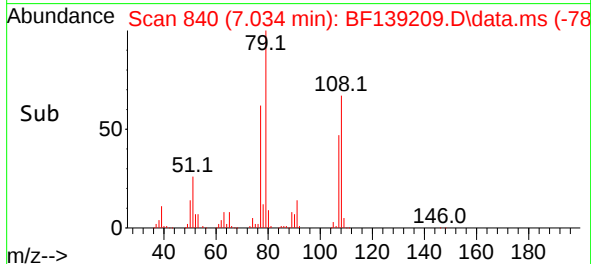
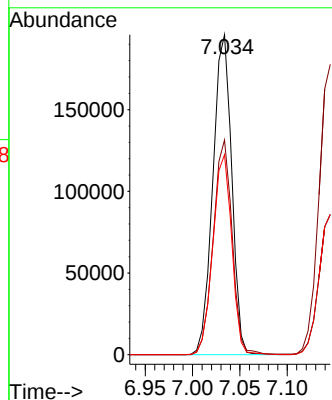
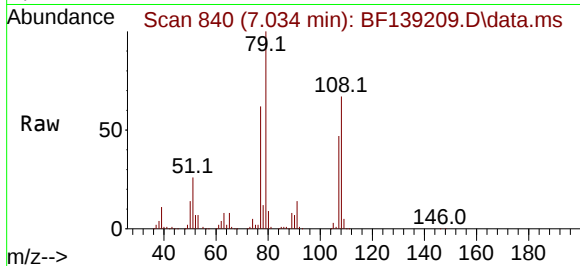




#15
Benzyl Alcohol
Concen: 53.058 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

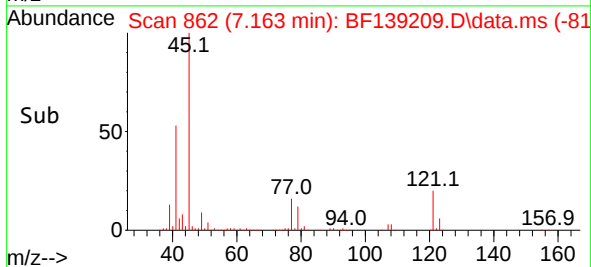
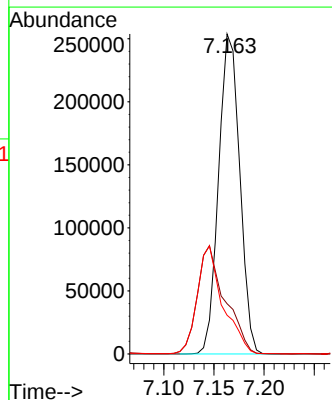
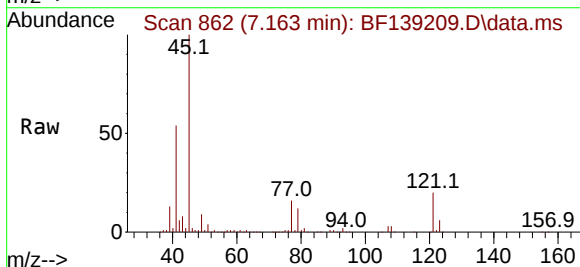
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

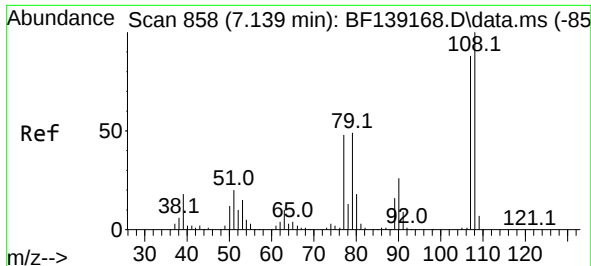
Tgt Ion: 79 Resp: 270375
Ion Ratio Lower Upper
79 100
108 67.1 52.7 79.1
77 62.5 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.761 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion: 45 Resp: 372207
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.9
79 12.1 0.0 30.5

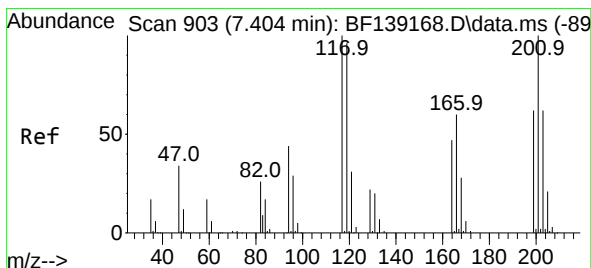
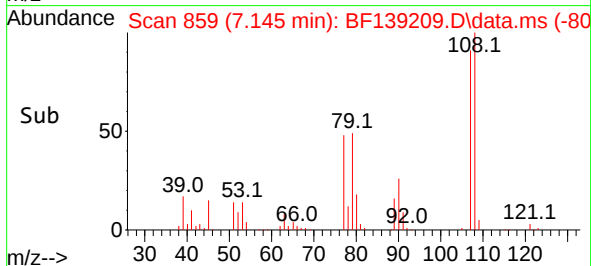
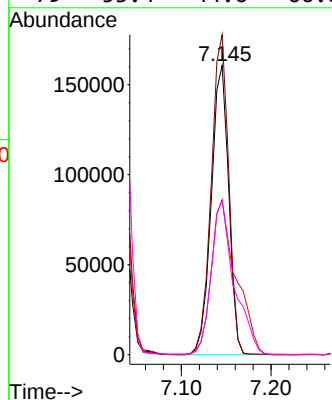
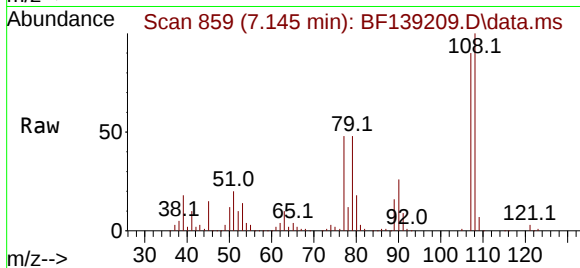




#17
2-Methylphenol
Concen: 50.691 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

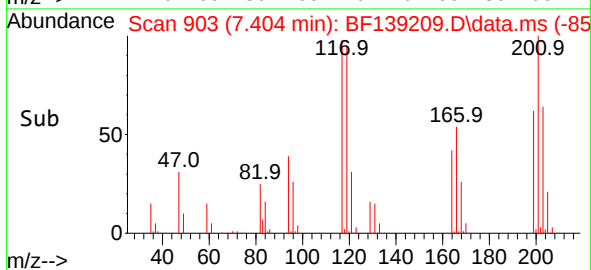
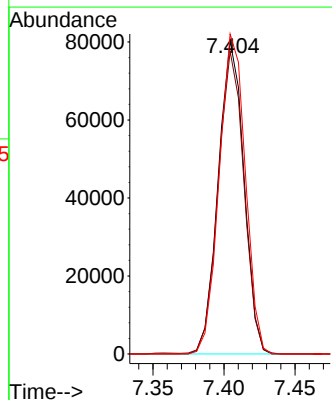
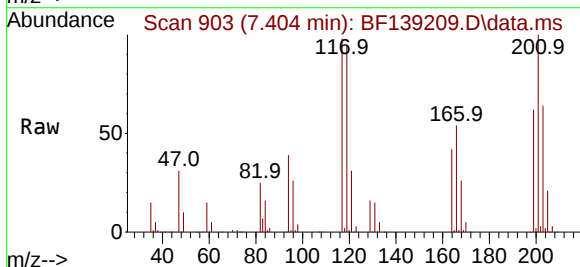
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

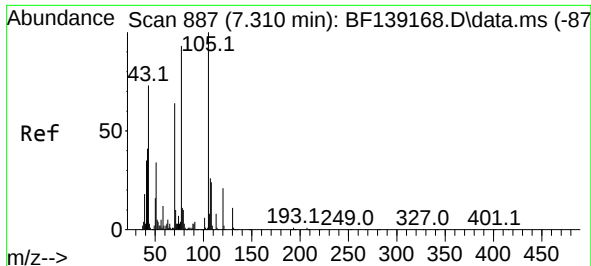
Tgt Ion:	107	Resp:	216275
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.4	137.0
77	53.5	44.3	66.5
79	53.4	44.6	66.8



#18
Hexachloroethane
Concen: 51.547 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:	117	Resp:	100983
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.1	115.7
201	102.1	79.7	119.5

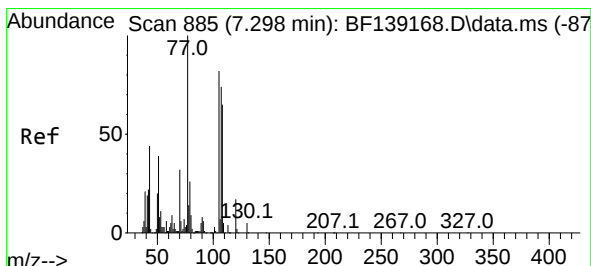
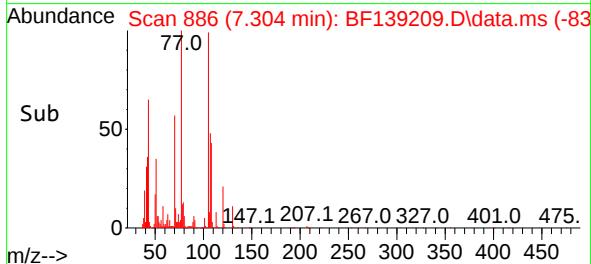
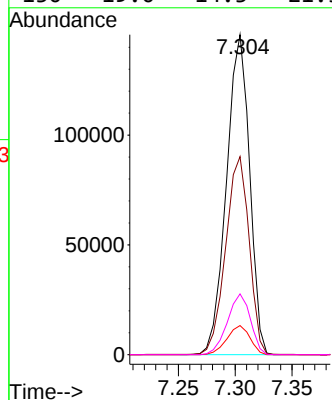
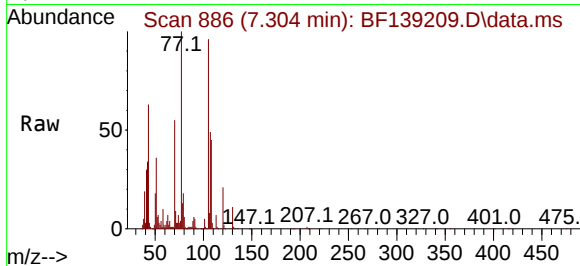




#19
n-Nitroso-di-n-propylamine
Concen: 50.954 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

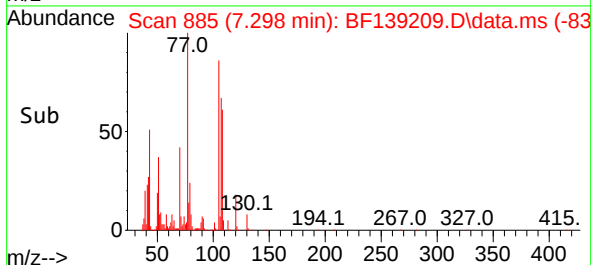
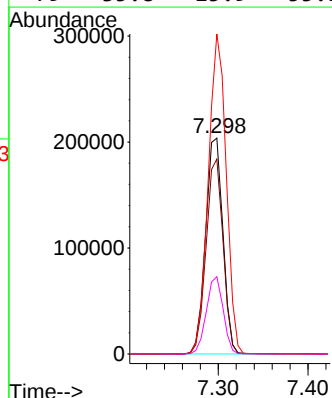
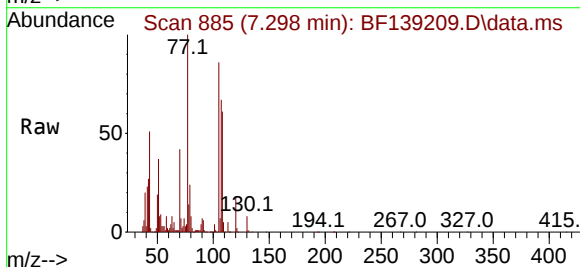
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

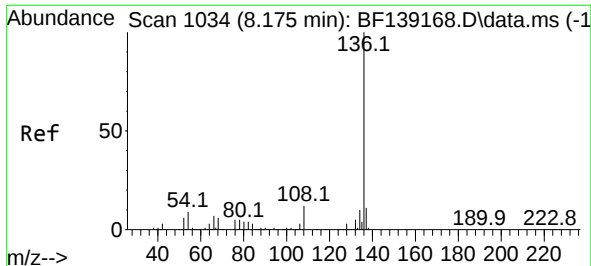
Tgt Ion: 70 Resp: 206035
Ion Ratio Lower Upper
70 100
42 61.9 50.8 76.2
101 9.1 7.4 11.0
130 19.0 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.289 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion: 107 Resp: 273690
Ion Ratio Lower Upper
107 100
108 90.3 68.5 108.5
77 148.3 115.7 155.7
79 35.8 15.9 55.9

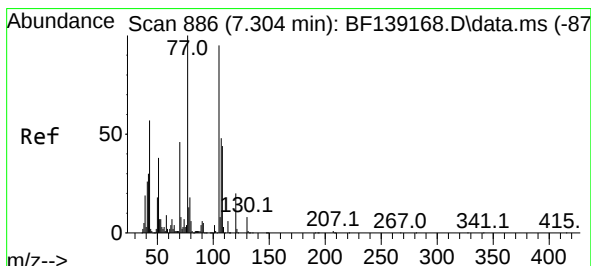
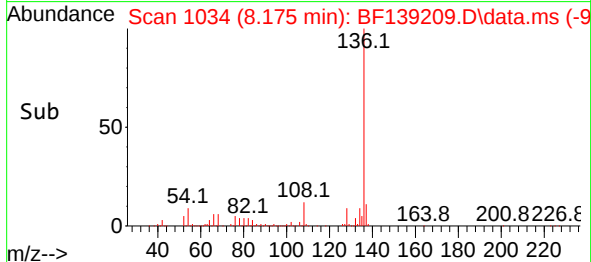
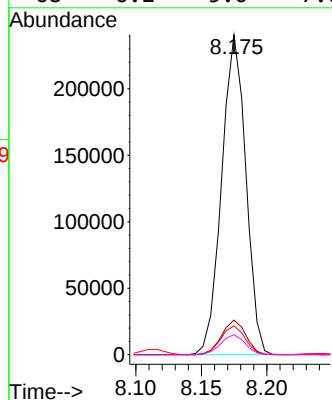
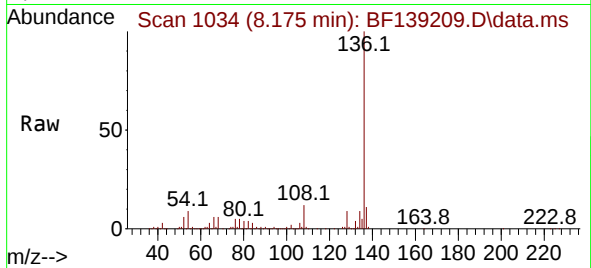




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

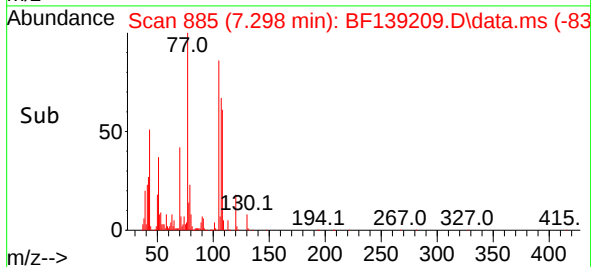
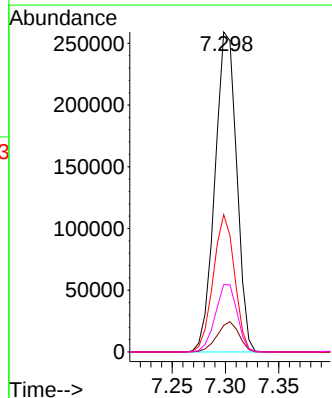
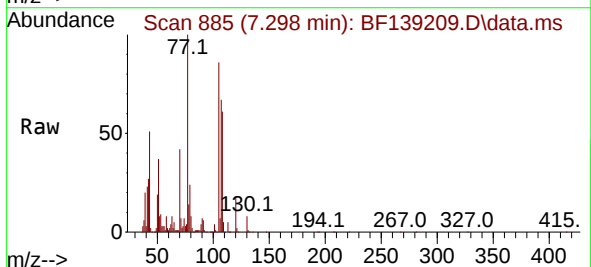
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

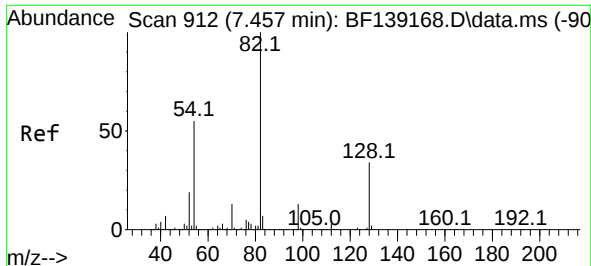
Tgt	Ion:136	Resp:	308365
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.0	7.6	11.4
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 46.442 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt	Ion:105	Resp:	367969
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.5	9.7
51	42.9	31.8	47.6
120	21.1	16.9	25.3





#23

Nitrobenzene-d5

Concen: 65.700 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

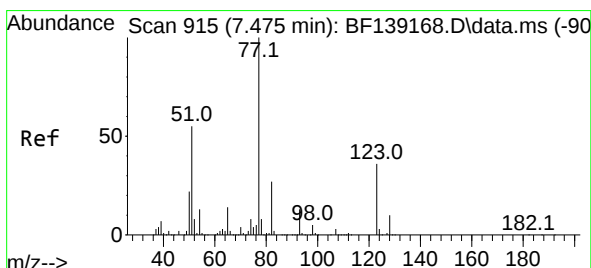
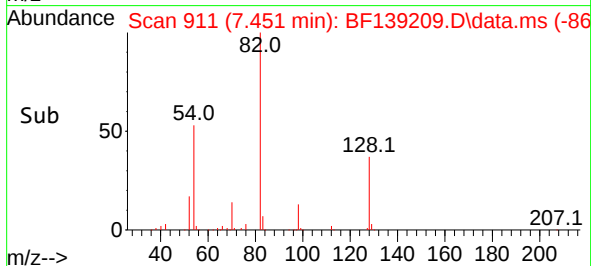
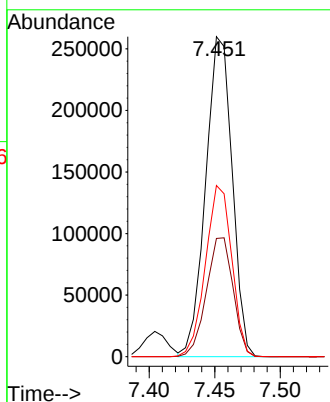
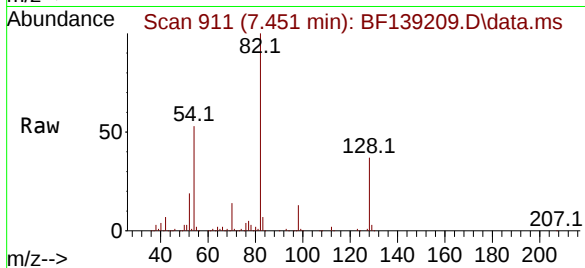
Tgt Ion: 82 Resp: 365693

Ion Ratio Lower Upper

82 100

128 37.0 27.1 40.7

54 53.5 44.2 66.4



#24

Nitrobenzene

Concen: 47.985 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

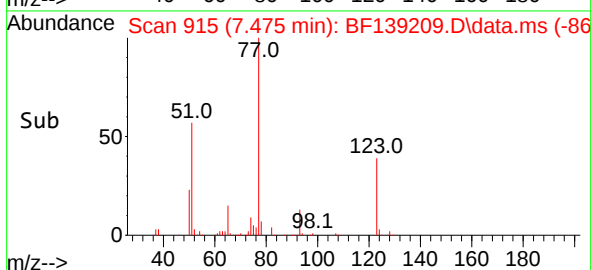
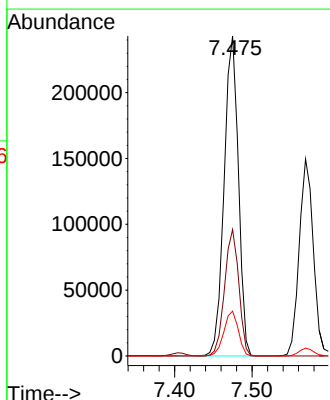
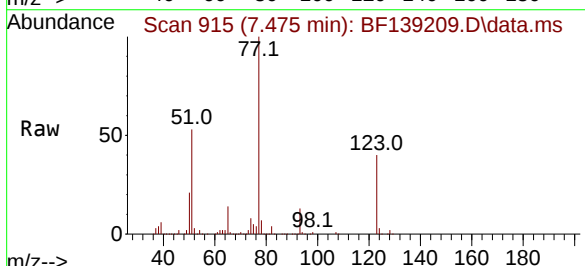
Tgt Ion: 77 Resp: 311186

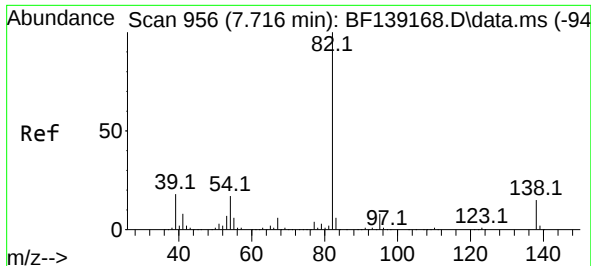
Ion Ratio Lower Upper

77 100

123 39.5 28.7 43.1

65 14.0 10.9 16.3

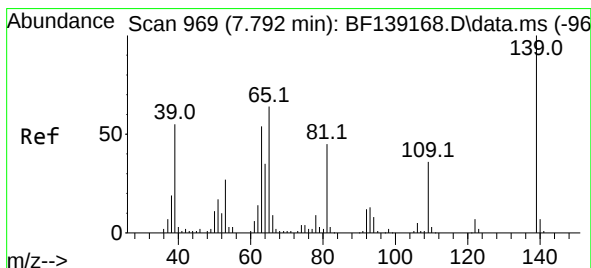
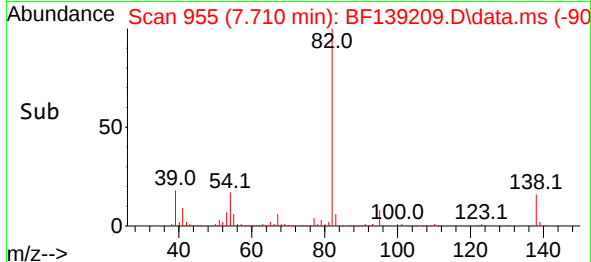
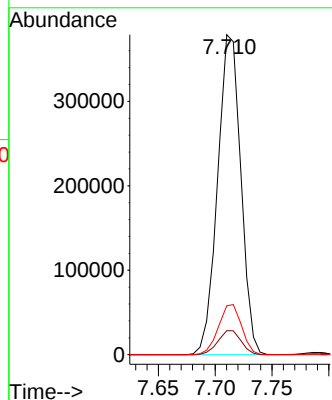
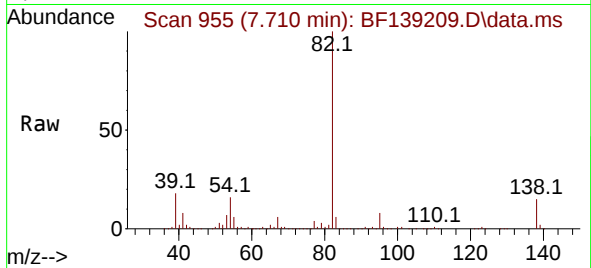




#25
Isophorone
Concen: 49.045 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

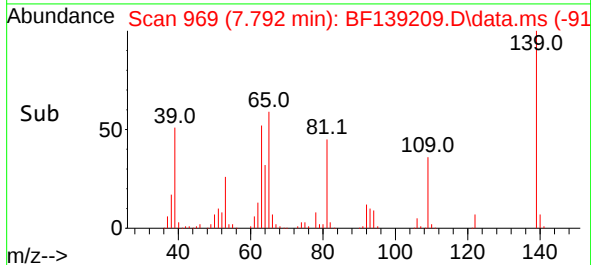
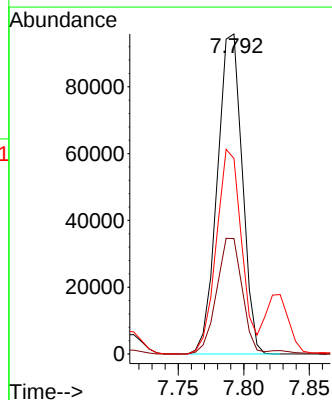
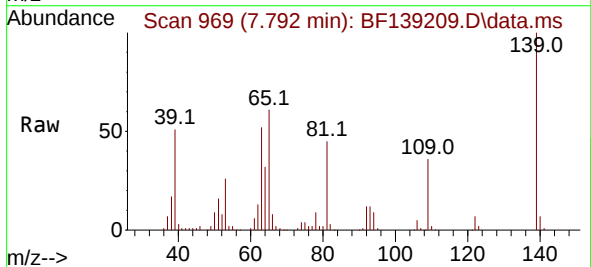
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

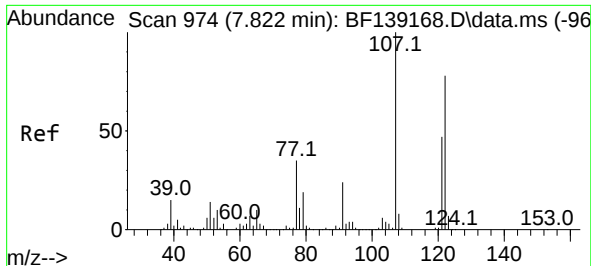
Tgt Ion: 82 Resp: 539849
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.3 12.2 18.4



#26
2-Nitrophenol
Concen: 60.207 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:139 Resp: 126733
Ion Ratio Lower Upper
139 100
109 36.0 28.9 43.3
65 61.1 51.1 76.7

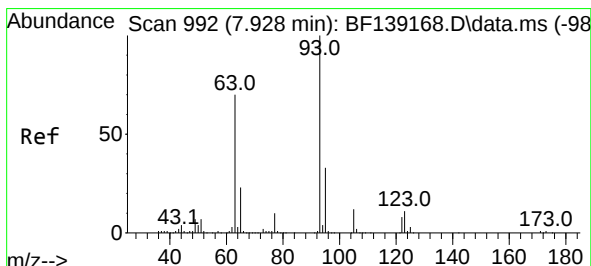
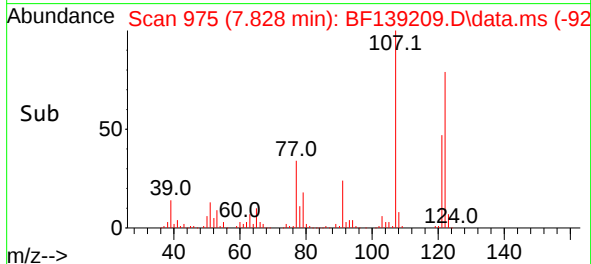
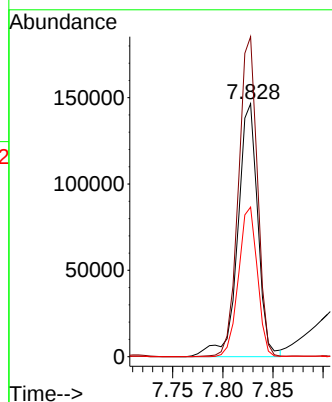
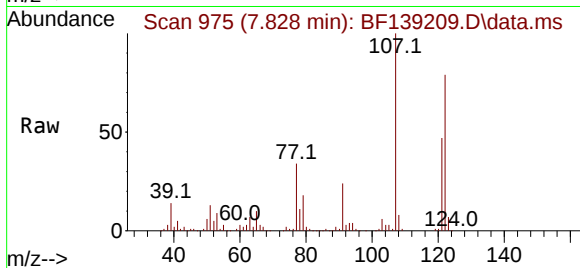




#27
2,4-Dimethylphenol
Concen: 62.515 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

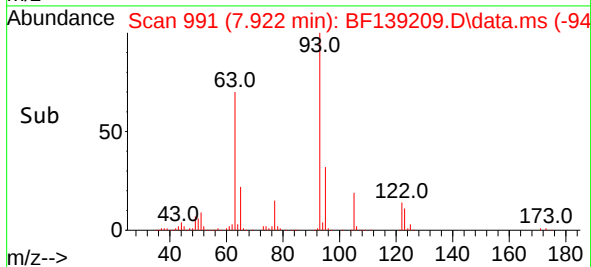
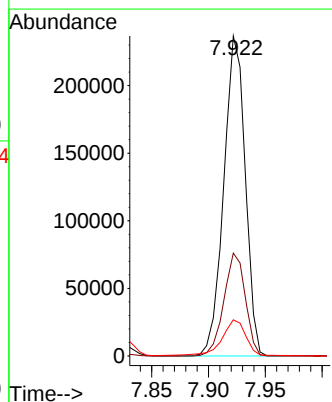
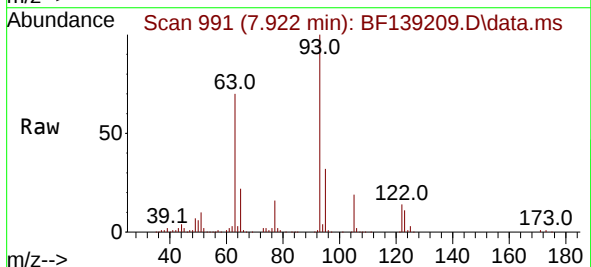
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

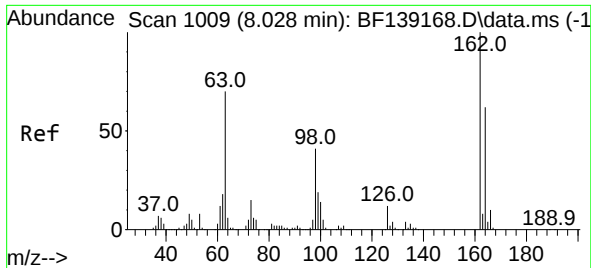
Tgt Ion:122 Resp: 203953
Ion Ratio Lower Upper
122 100
107 126.5 102.1 153.1
121 59.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.867 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion: 93 Resp: 311419
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.3 9.2 13.8

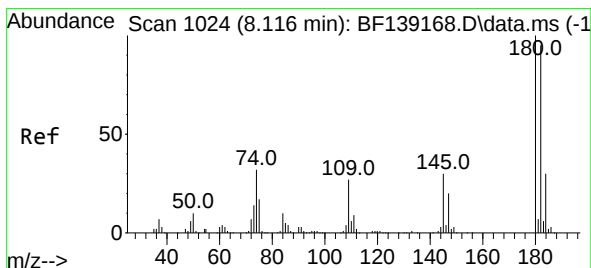
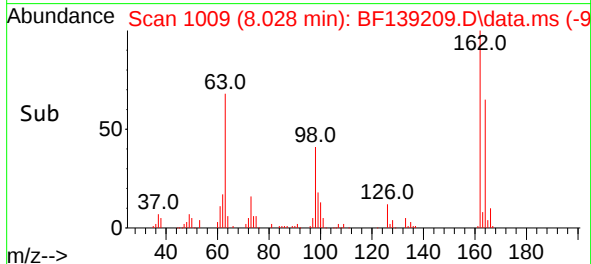
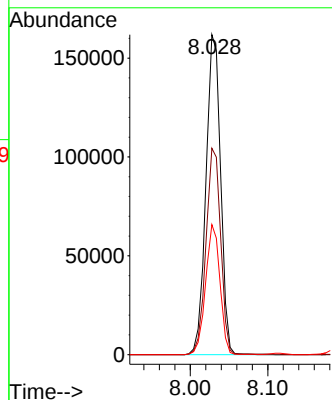
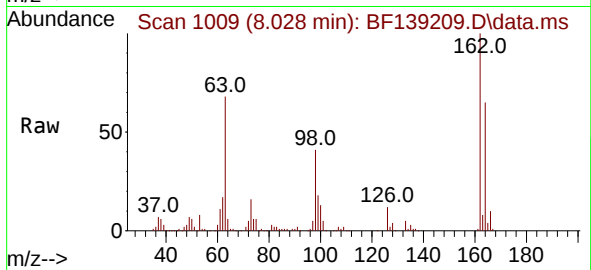




#29
2,4-Dichlorophenol
Concen: 52.775 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

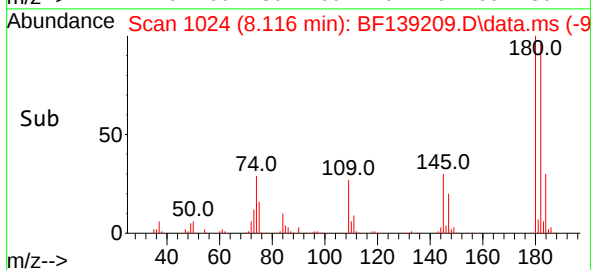
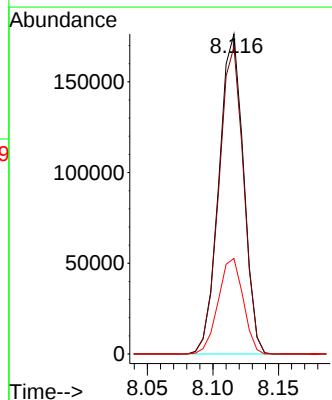
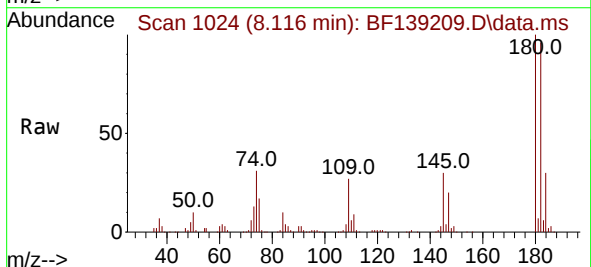
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

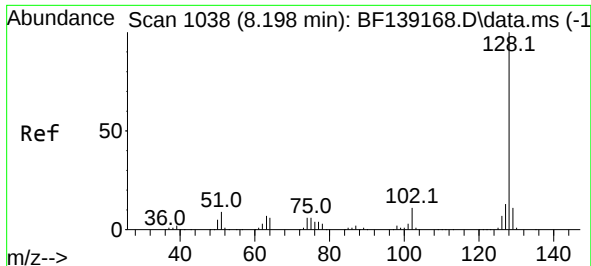
Tgt Ion:162 Resp: 212520
Ion Ratio Lower Upper
162 100
164 64.5 42.3 82.3
98 40.6 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 44.250 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:180 Resp: 229788
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 29.9 23.6 35.4

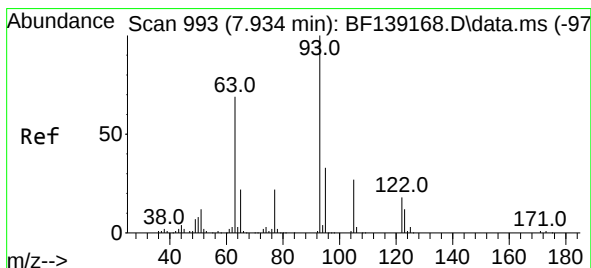
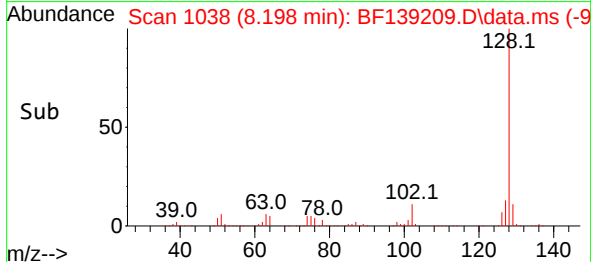
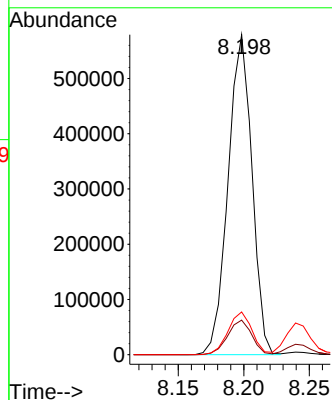
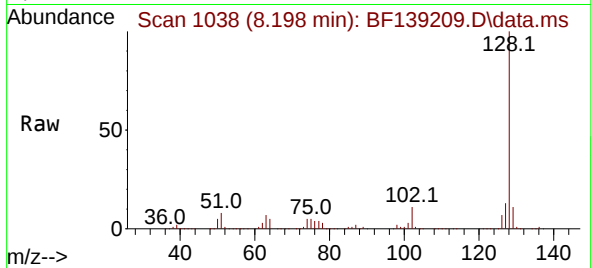




#31
Naphthalene
Concen: 46.569 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

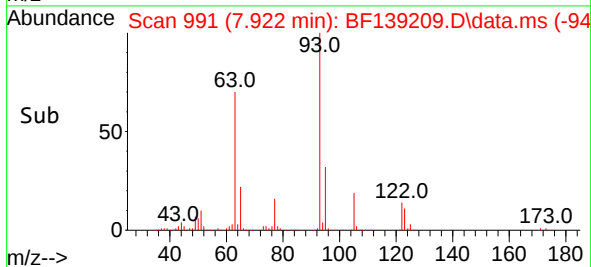
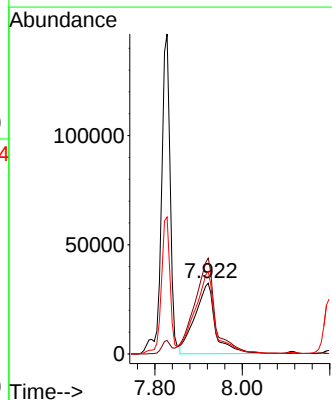
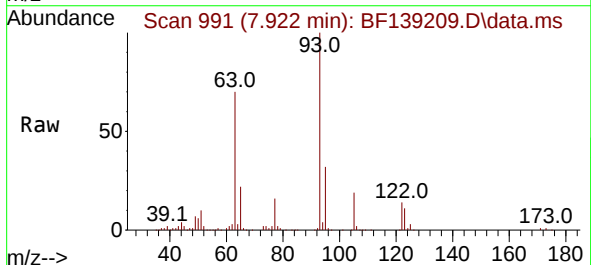
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

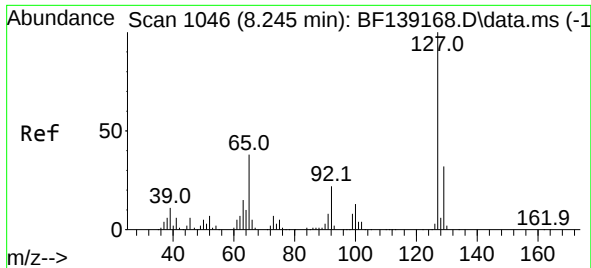
Tgt Ion:128 Resp: 734275
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 39.529 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:122 Resp: 104449
Ion Ratio Lower Upper
122 100
105 135.3 118.9 158.9
77 116.5 96.4 136.4

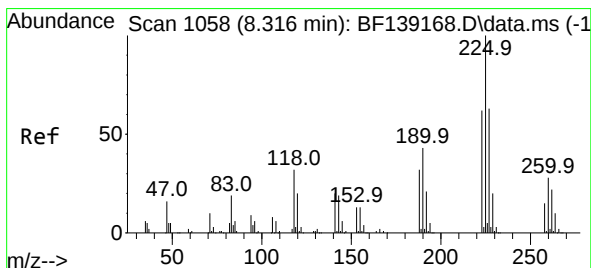
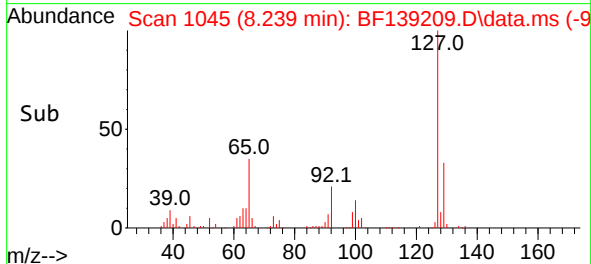
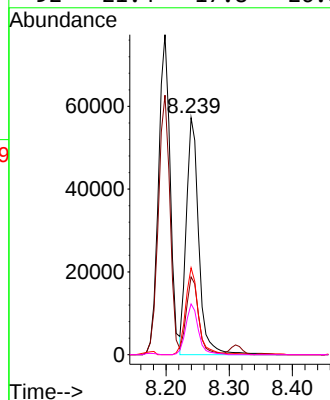
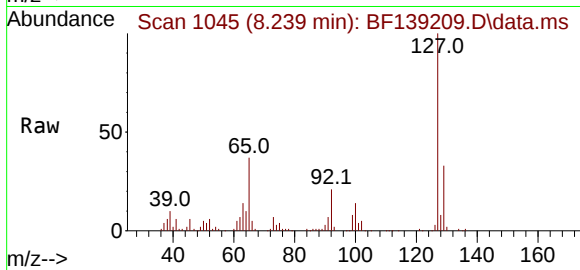




#33
4-Chloroaniline
Concen: 14.541 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

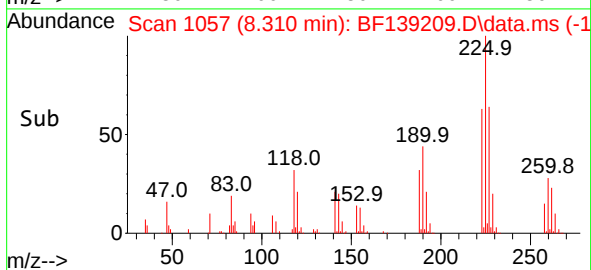
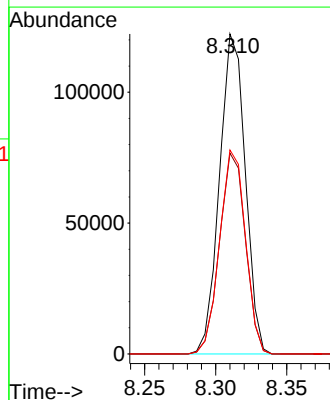
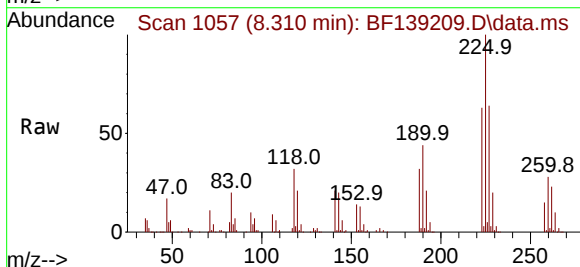
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

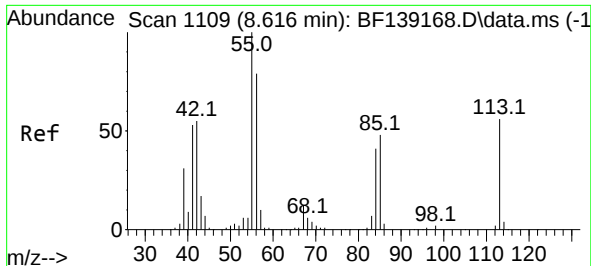
Tgt Ion:	127	Resp:	79009
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.7	38.5
65	36.7	30.8	46.2
92	21.4	17.8	26.8



#34
Hexachlorobutadiene
Concen: 45.705 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:	225	Resp:	154233
Ion Ratio	Lower	Upper	
225	100		
223	62.7	49.7	74.5
227	63.7	50.3	75.5

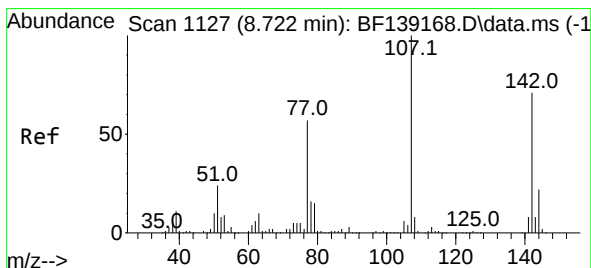
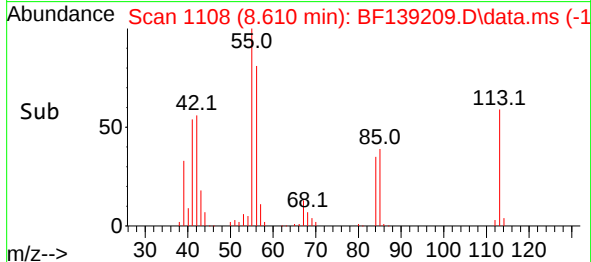
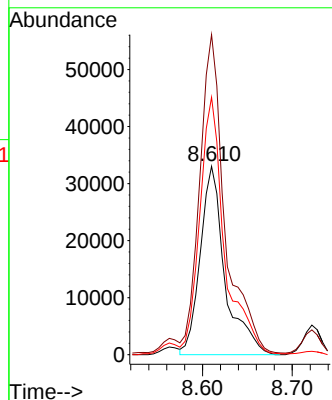
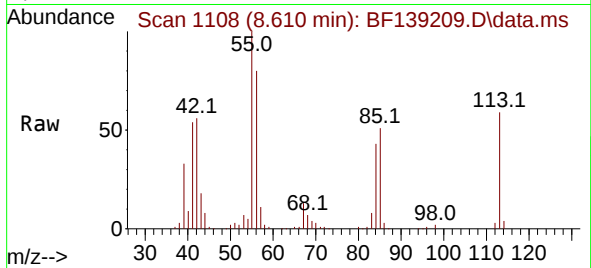




#35
 Caprolactam
 Concen: 51.228 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

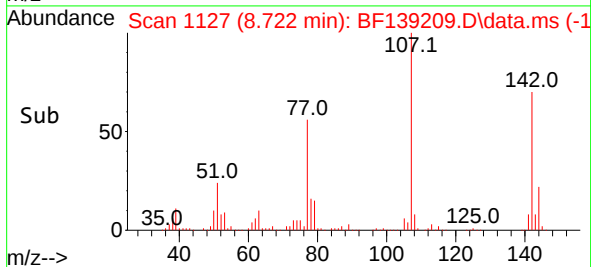
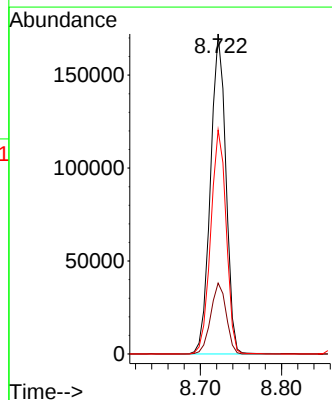
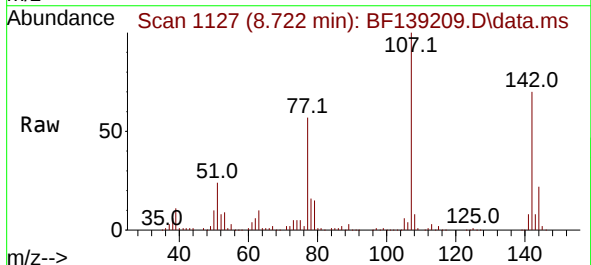
Instrument :
 BNA_F
 ClientSampleId :
 P-5-COMPOSITEMSD

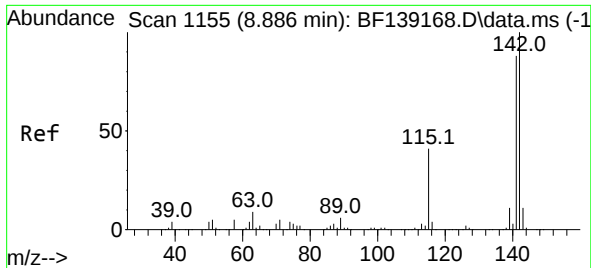
Tgt Ion:113 Resp: 63284
 Ion Ratio Lower Upper
 113 100
 55 169.9 158.0 198.0
 56 136.7 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.077 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

Tgt Ion:107 Resp: 226655
 Ion Ratio Lower Upper
 107 100
 144 22.2 17.8 26.8
 142 70.0 56.6 84.8

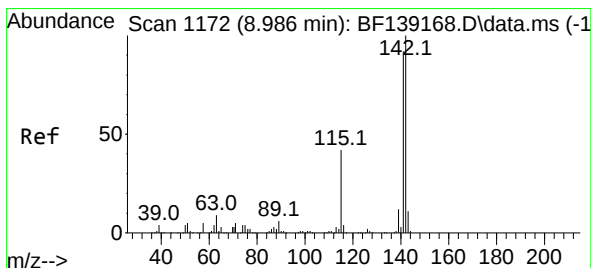
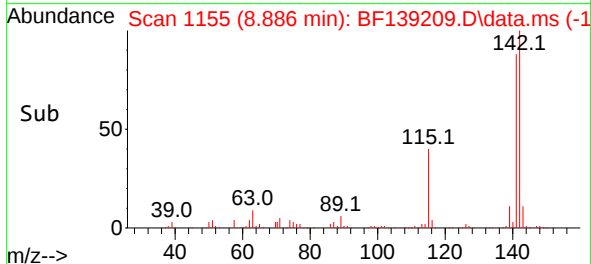
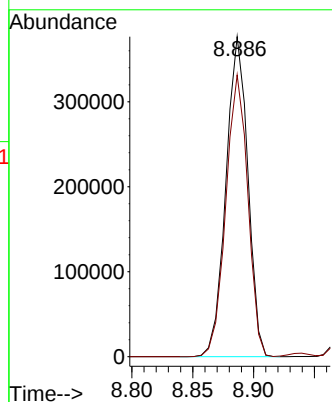
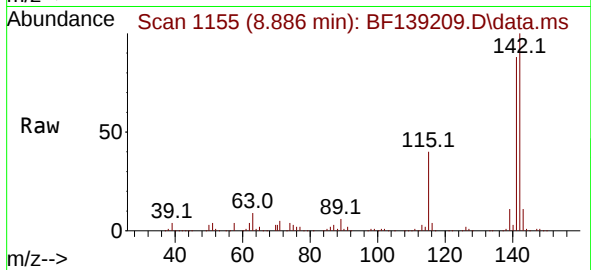




#37
2-Methylnaphthalene
Concen: 47.637 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

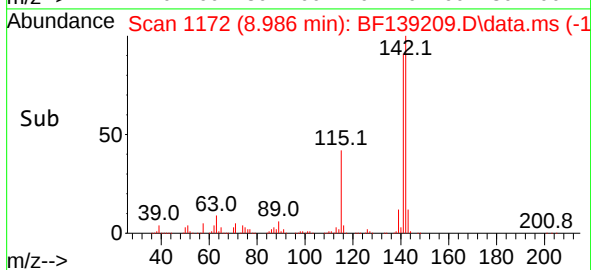
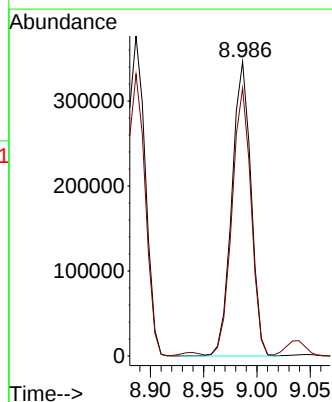
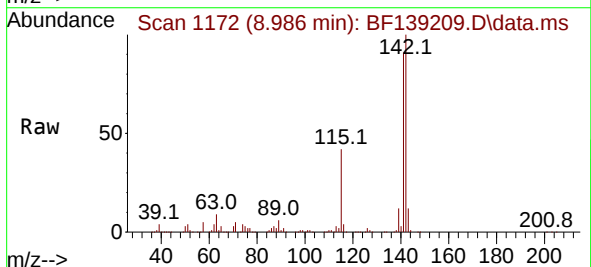
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

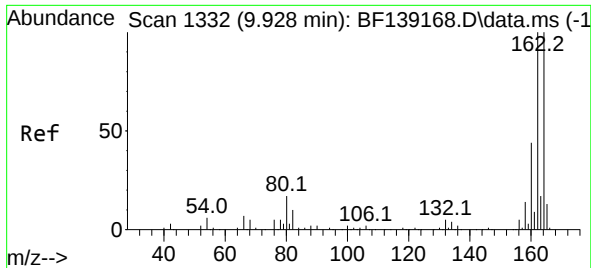
Tgt Ion:142 Resp: 470870
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2



#38
1-Methylnaphthalene
Concen: 44.863 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:142 Resp: 433430
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

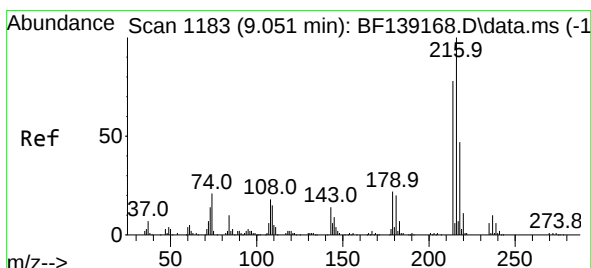
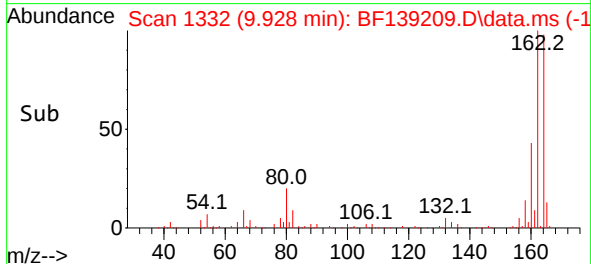
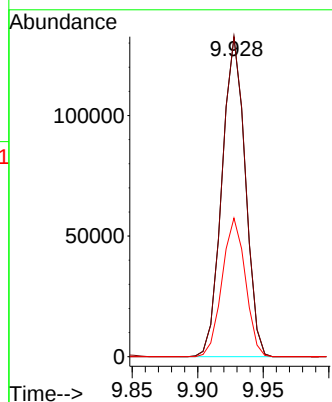
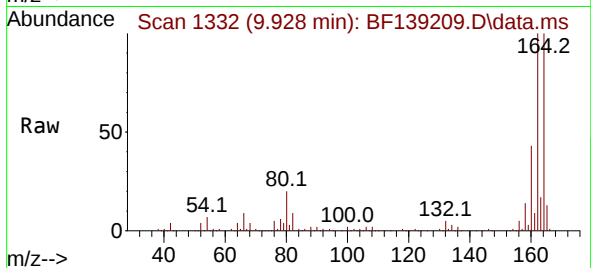
Tgt Ion:164 Resp: 163332

Ion Ratio Lower Upper

164 100

162 100.2 80.0 120.0

160 43.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.259 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Tgt Ion:216 Resp: 233796

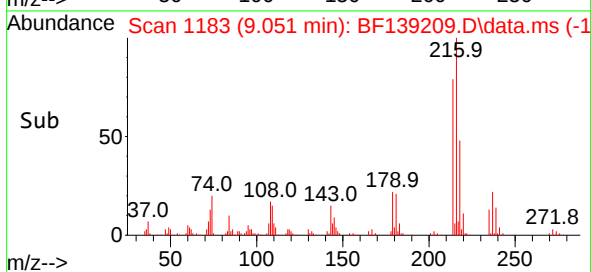
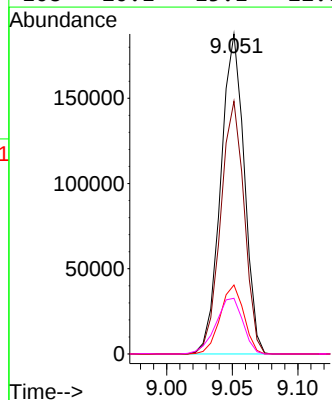
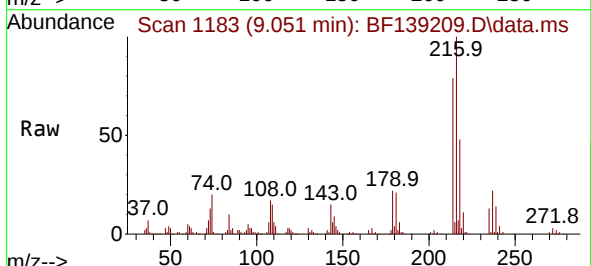
Ion Ratio Lower Upper

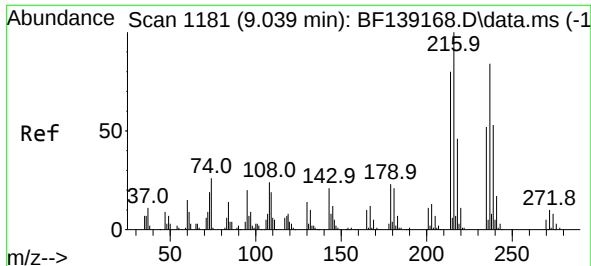
216 100

214 78.9 62.5 93.7

179 21.7 17.5 26.3

108 20.1 15.1 22.7

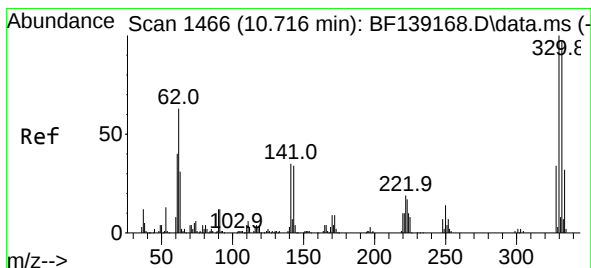
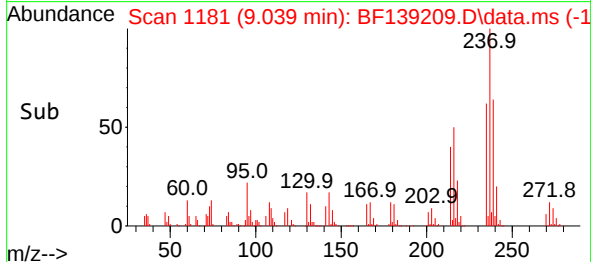
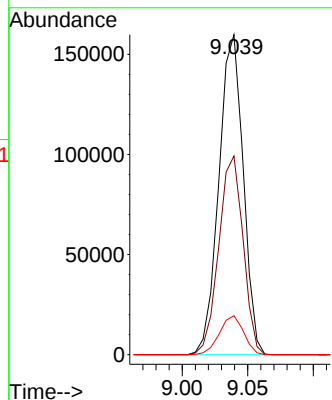
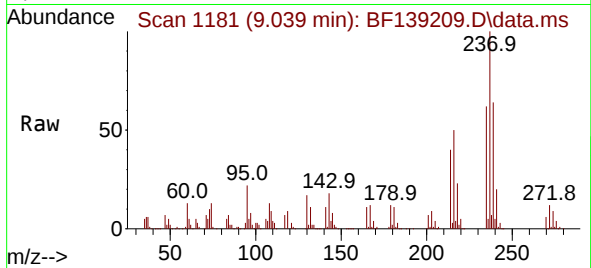




#41
Hexachlorocyclopentadiene
Concen: 132.501 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

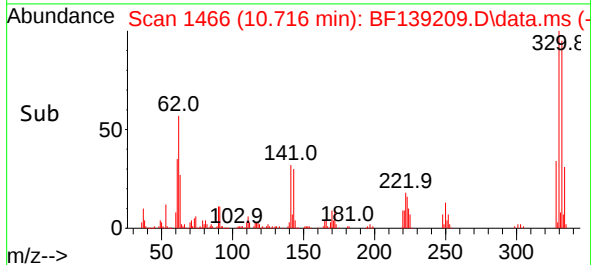
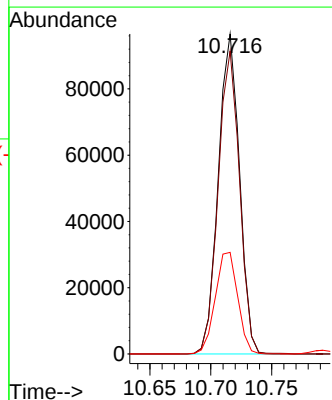
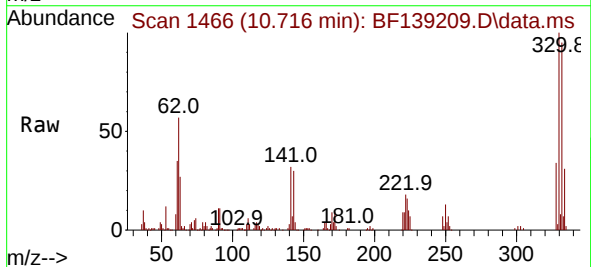
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

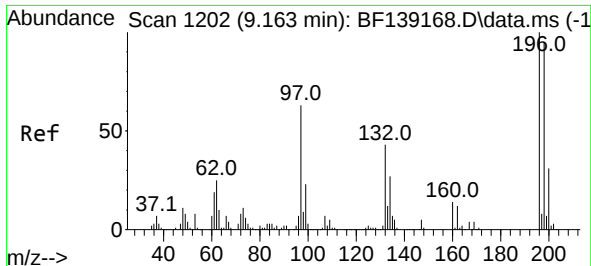
Tgt Ion:237	Resp:	206123	
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.1	82.1
272	12.2	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 83.541 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt	Ion:330	Resp:	116862
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	33.6	28.8	43.2





#43

2,4,6-Trichlorophenol

Concen: 56.750 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

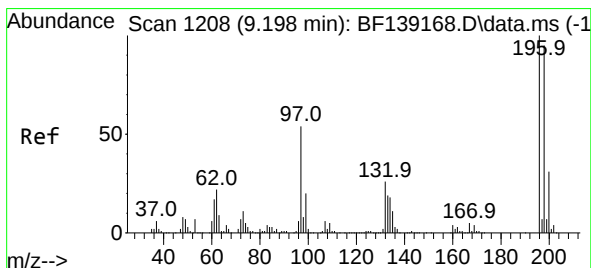
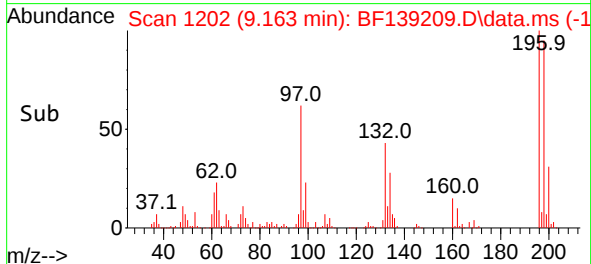
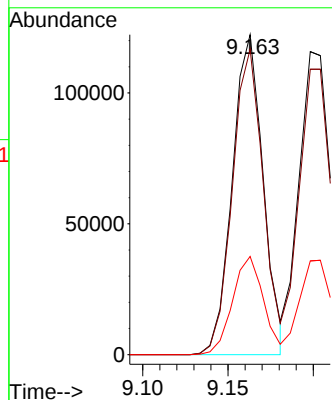
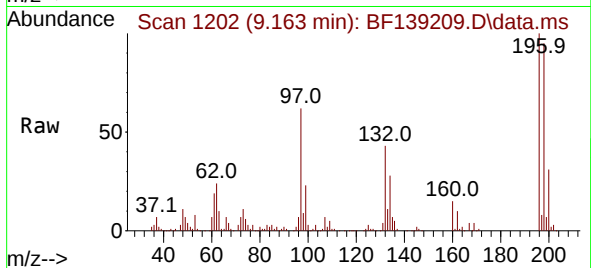
Tgt Ion:196 Resp: 153727

Ion Ratio Lower Upper

196 100

198 95.5 75.8 113.8

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 52.881 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Tgt Ion:196 Resp: 150152

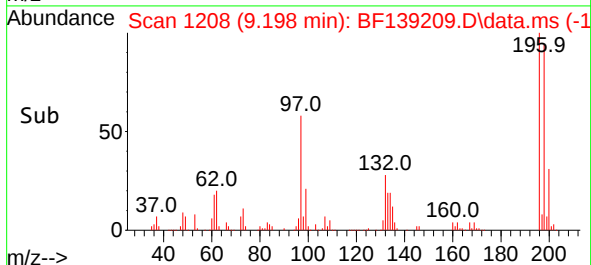
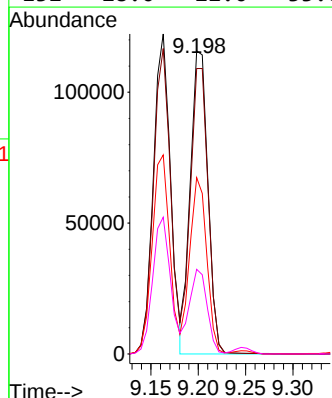
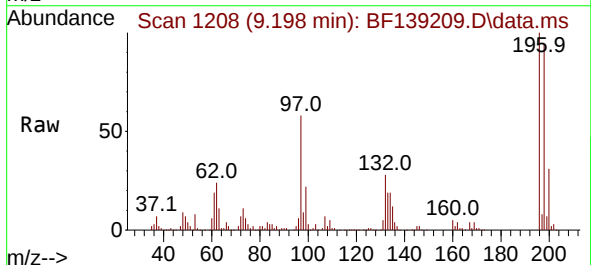
Ion Ratio Lower Upper

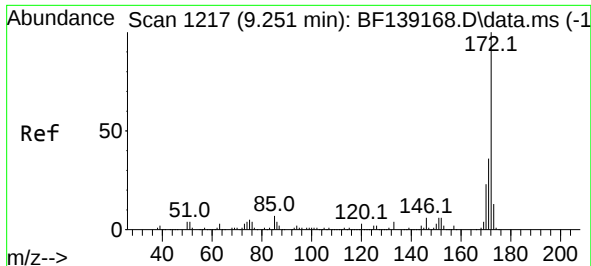
196 100

198 94.2 75.7 113.5

97 58.2 44.9 67.3

132 28.0 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 58.043 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

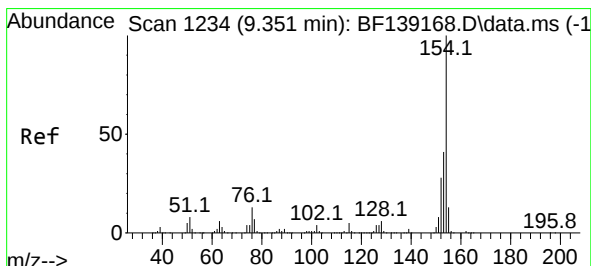
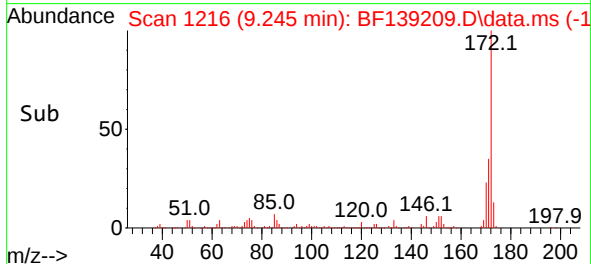
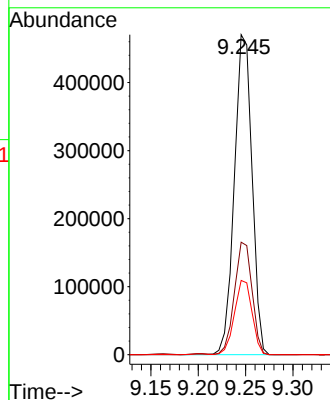
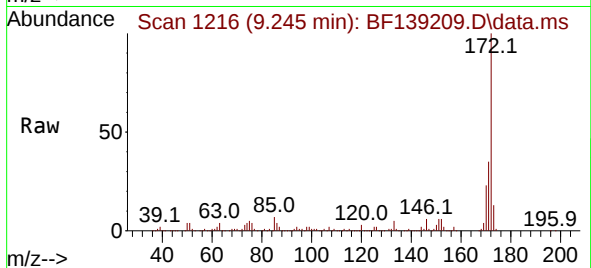
Tgt Ion:172 Resp: 610305

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.811 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

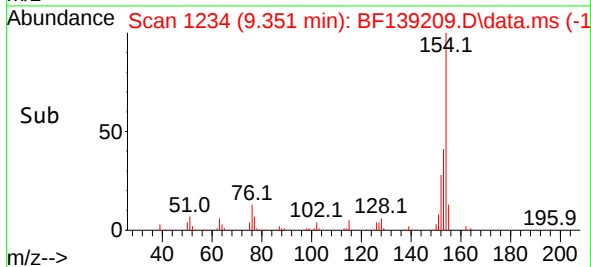
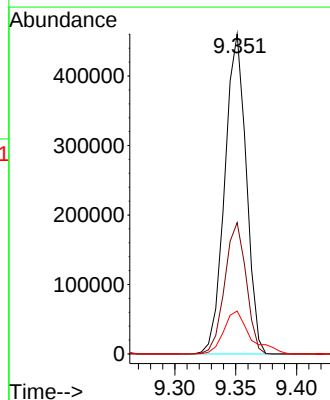
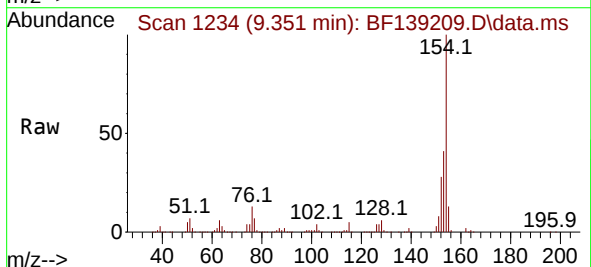
Tgt Ion:154 Resp: 565235

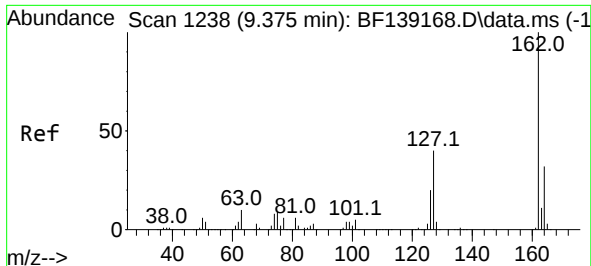
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 13.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 46.328 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139209.D

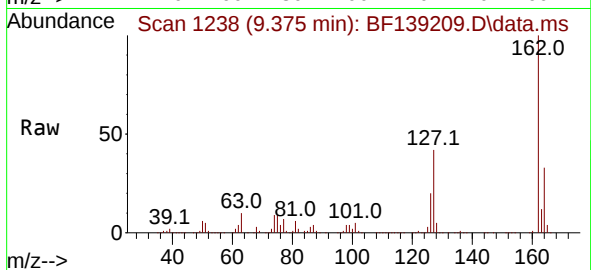
Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD



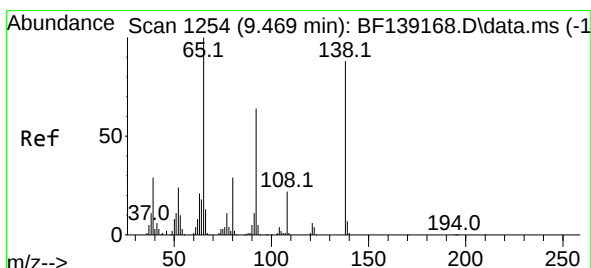
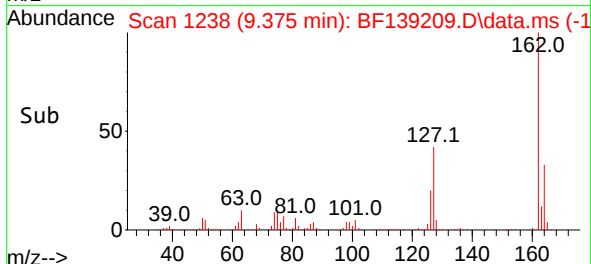
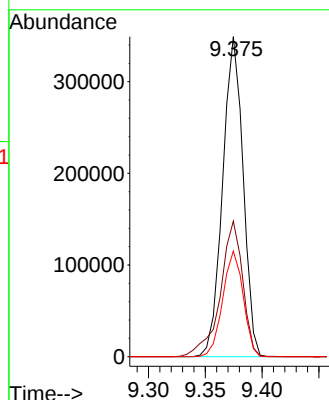
Tgt Ion:162 Resp: 436952

Ion Ratio Lower Upper

162 100

127 42.3 32.4 48.6

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 52.603 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

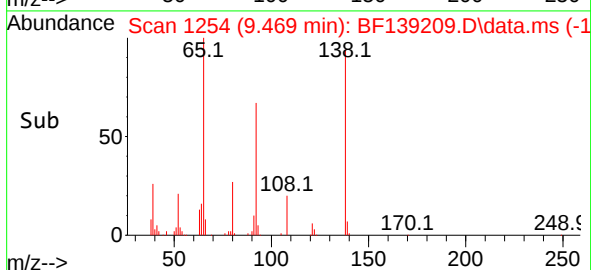
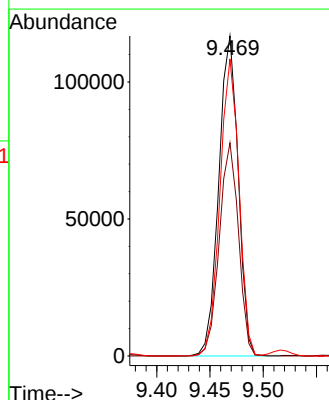
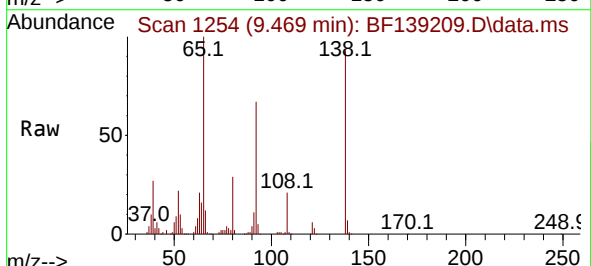
Tgt Ion: 65 Resp: 147801

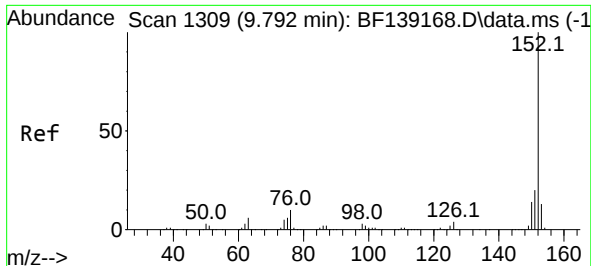
Ion Ratio Lower Upper

65 100

92 66.6 51.2 76.8

138 92.9 70.0 105.0





#49

Acenaphthylene

Concen: 50.702 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

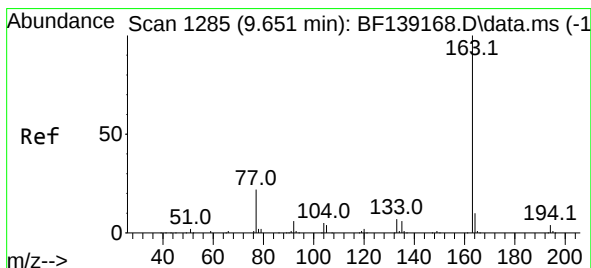
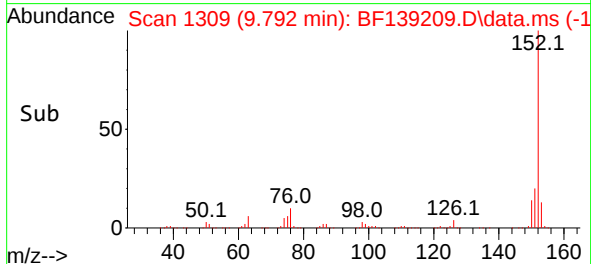
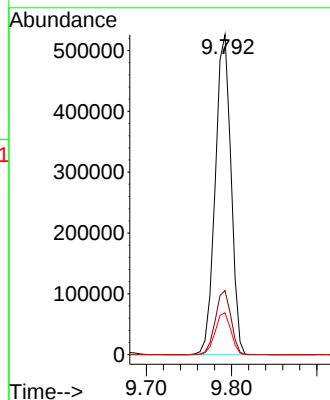
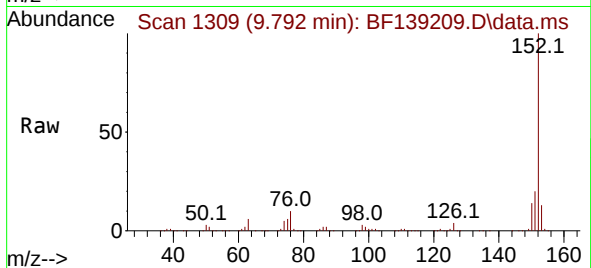
Tgt Ion:152 Resp: 673818

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 54.851 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

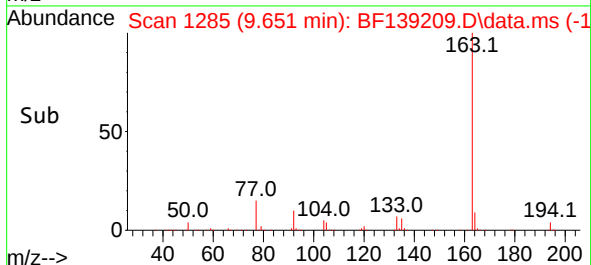
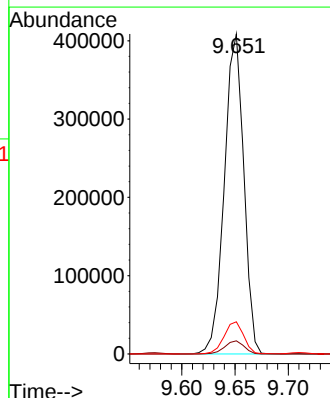
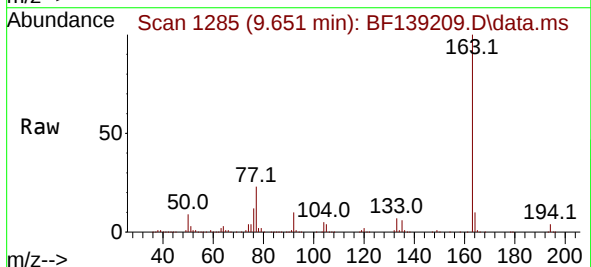
Tgt Ion:163 Resp: 517528

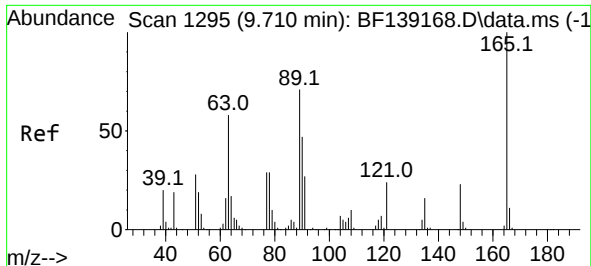
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.478 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF139209.D

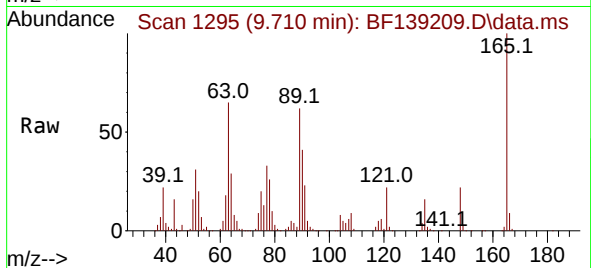
Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

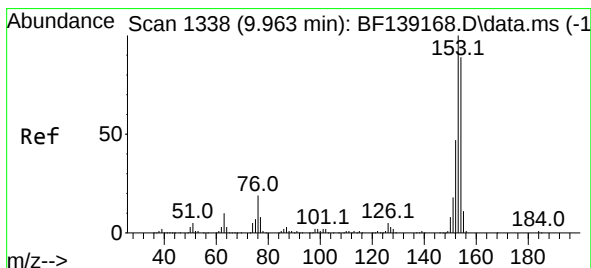
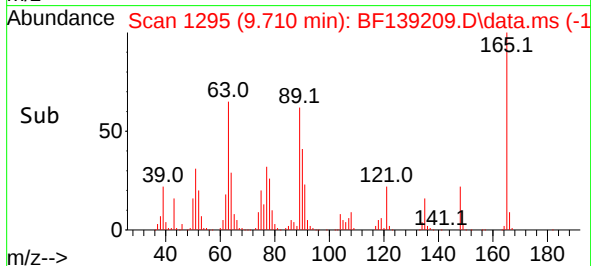
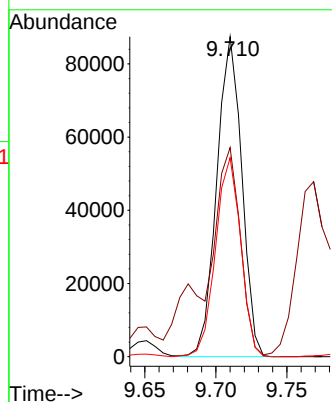
ClientSampleId :

P-5-COMPOSITEMSD



Tgt Ion:165 Resp: 107074

Ion	Ratio	Lower	Upper
165	100		
63	65.4	60.1	90.1
89	62.2	57.0	85.6



#52

Acenaphthene

Concen: 49.738 ng

RT: 9.963 min Scan# 1338

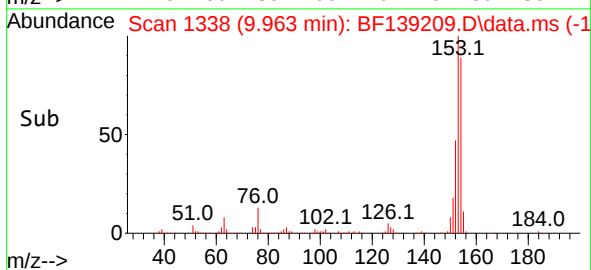
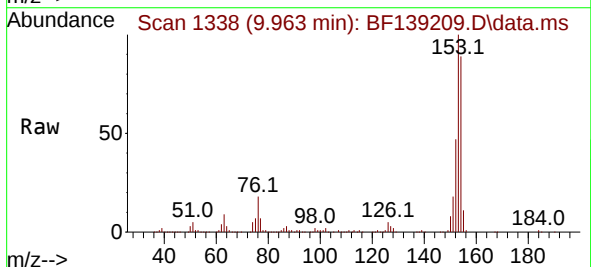
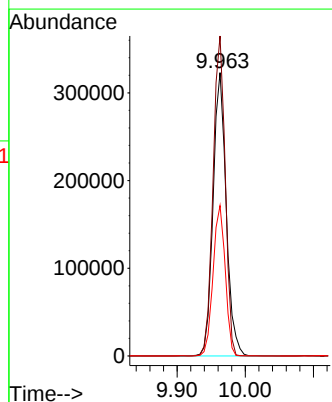
Delta R.T. -0.000 min

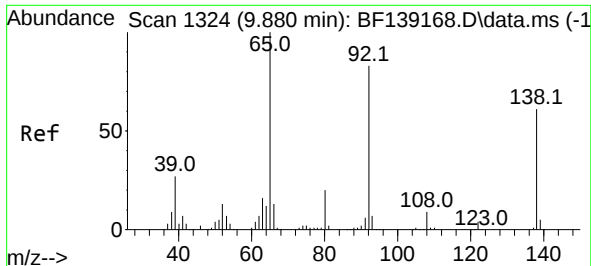
Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Tgt Ion:154 Resp: 434238

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	53.1	42.4	63.6

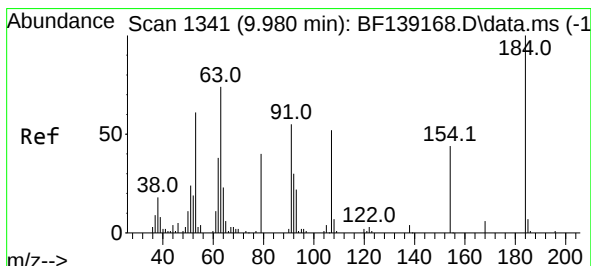
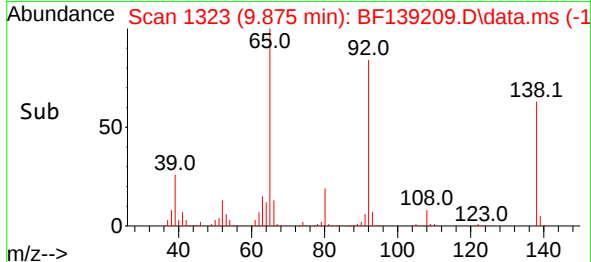
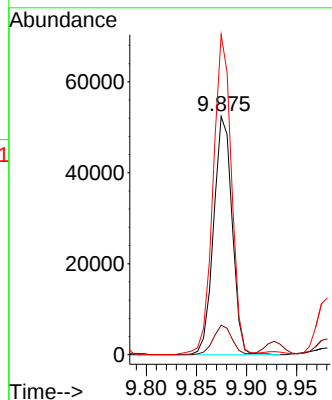
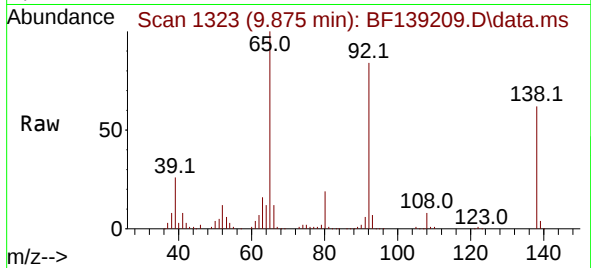




#53
3-Nitroaniline
Concen: 33.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

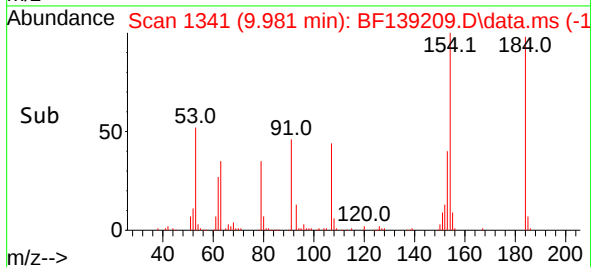
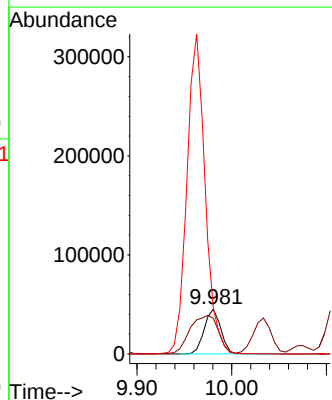
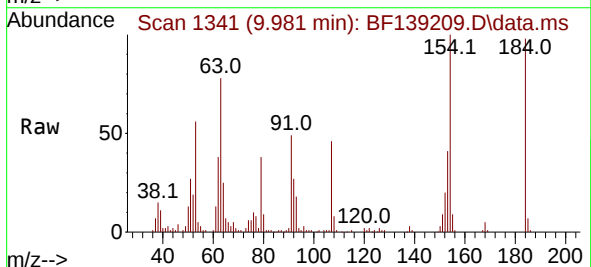
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

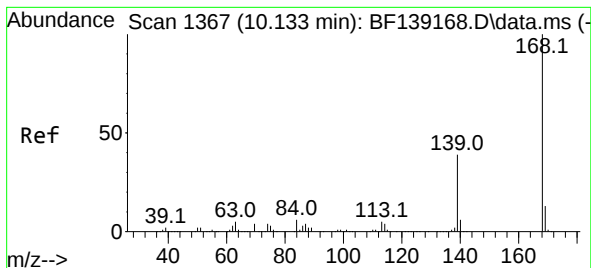
Tgt Ion:138 Resp: 66995
Ion Ratio Lower Upper
138 100
108 12.3 11.8 17.6
92 134.3 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 64.612 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:184 Resp: 54917
Ion Ratio Lower Upper
184 100
63 79.7 72.1 108.1
154 102.4 135.3 202.9#





#55

Dibenzofuran

Concen: 47.061 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

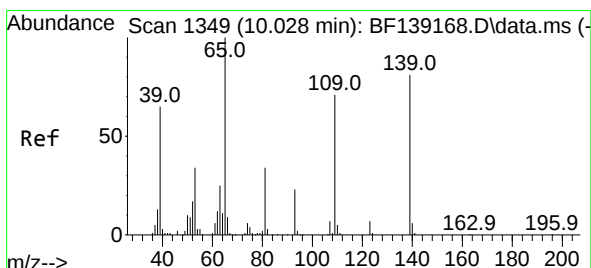
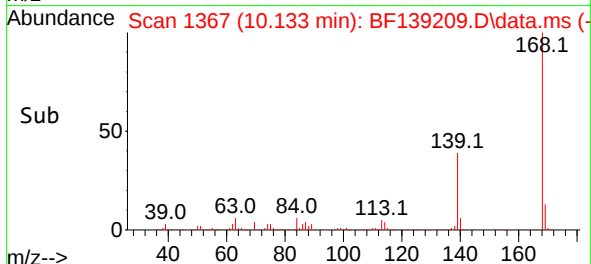
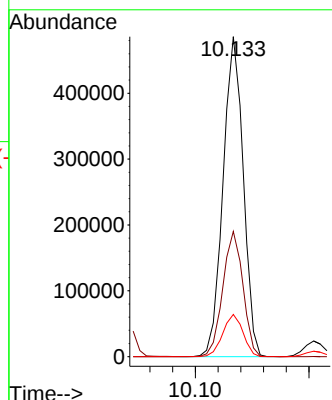
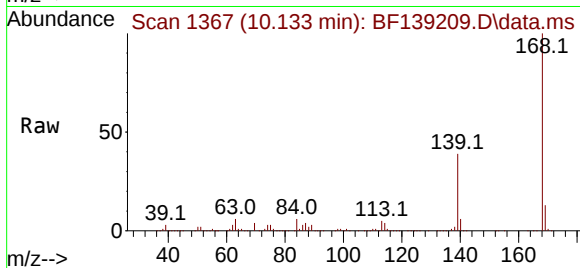
Tgt Ion:168 Resp: 599622

Ion Ratio Lower Upper

168 100

139 39.2 31.5 47.3

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 78.709 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.005 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

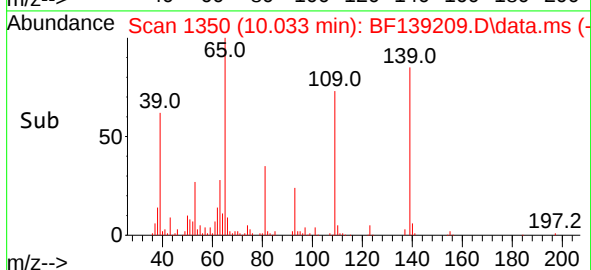
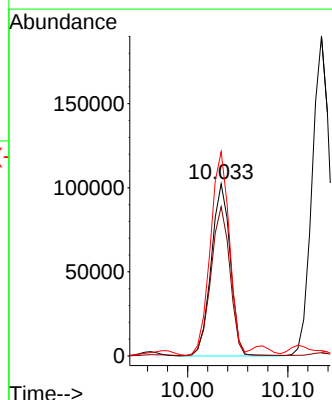
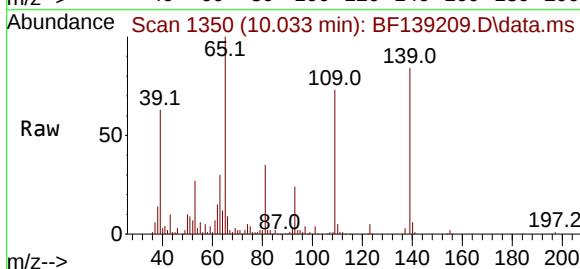
Tgt Ion:139 Resp: 135472

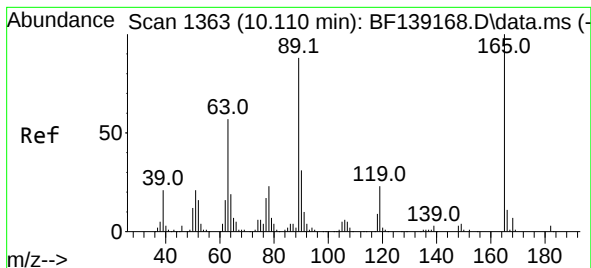
Ion Ratio Lower Upper

139 100

109 86.7 68.2 108.2

65 118.6 104.7 144.7

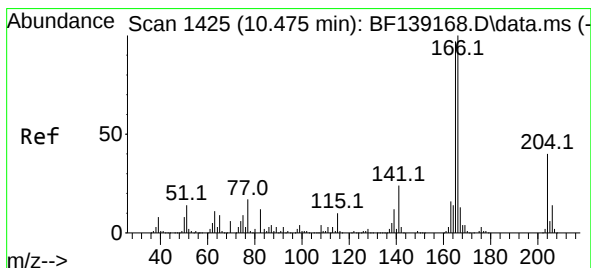
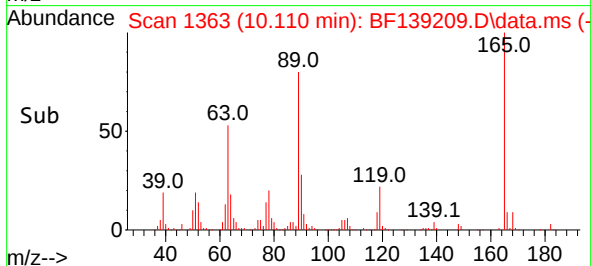
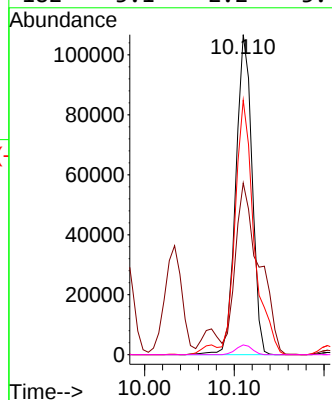
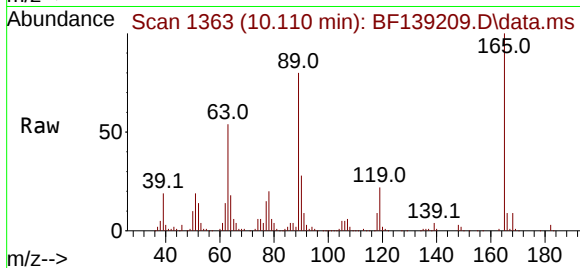




#57
2,4-Dinitrotoluene
Concen: 51.947 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

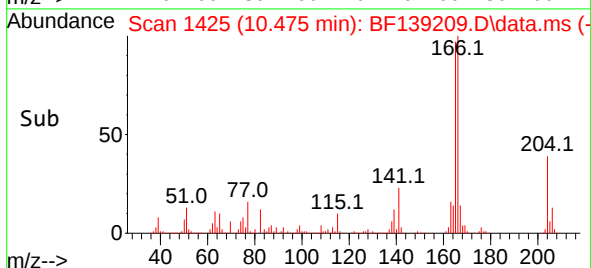
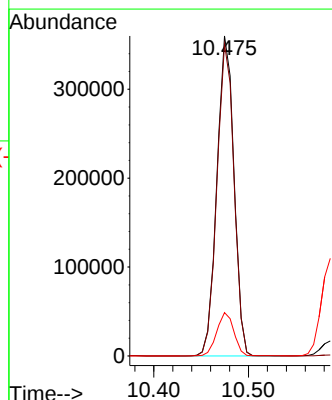
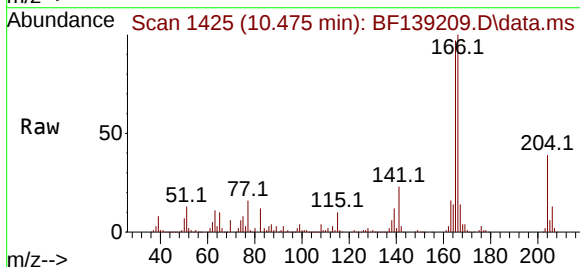
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

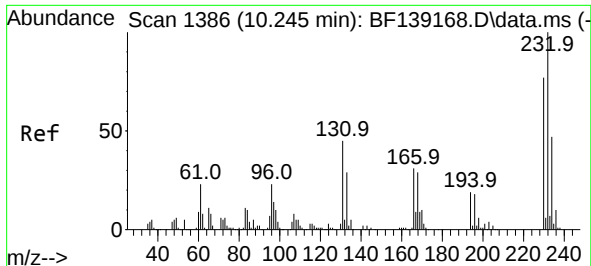
Tgt Ion:165 Resp: 134473
Ion Ratio Lower Upper
165 100
63 53.7 46.2 69.2
89 79.5 70.2 105.4
182 3.1 2.2 3.4



#58
Fluorene
Concen: 44.890 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:166 Resp: 451246
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.612 ng

RT: 10.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139209.D

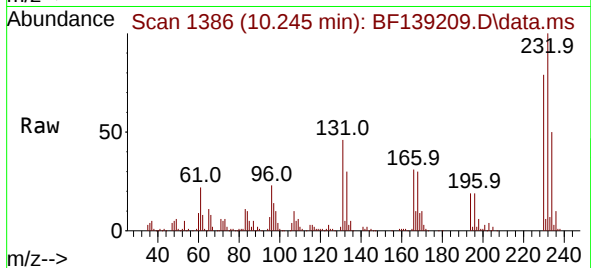
Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD



Tgt Ion:232 Resp: 115178

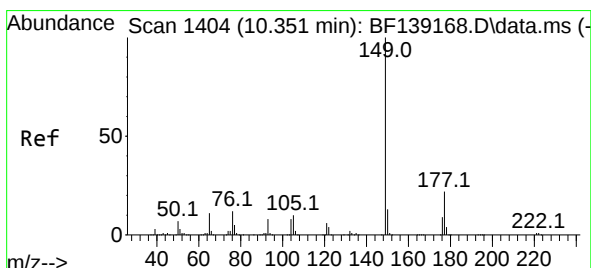
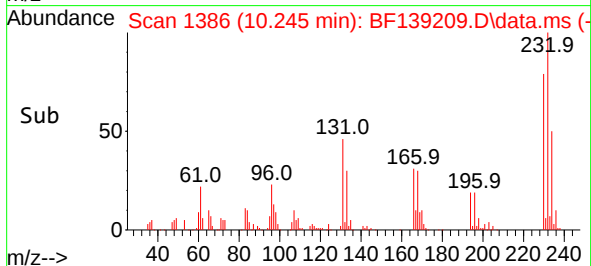
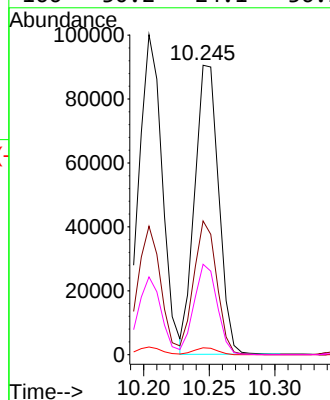
Ion Ratio Lower Upper

232 100

131 44.4 34.9 52.3

130 2.4 1.9 2.9

166 30.2 24.1 36.1



#60

Diethylphthalate

Concen: 53.907 ng

RT: 10.351 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

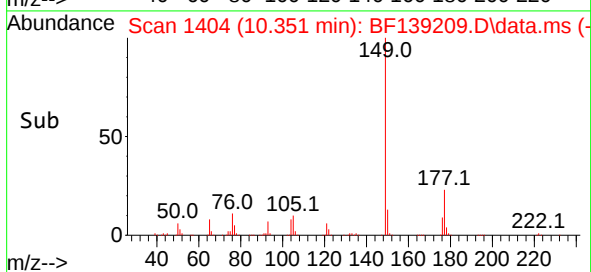
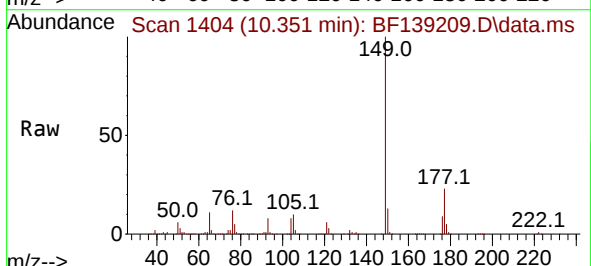
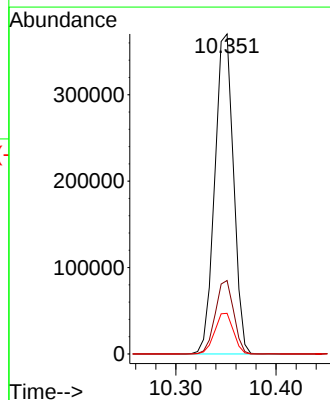
Tgt Ion:149 Resp: 478951

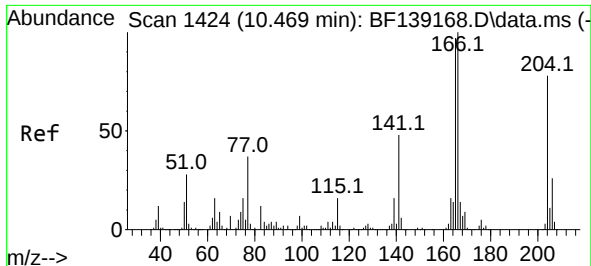
Ion Ratio Lower Upper

149 100

177 23.0 18.0 27.0

150 12.7 10.0 15.0

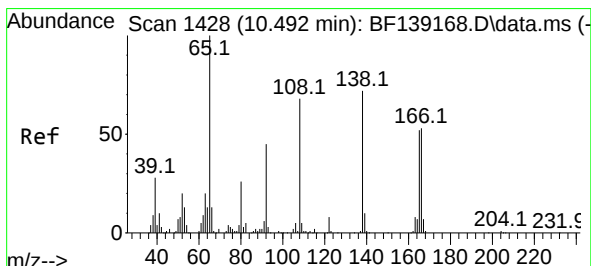
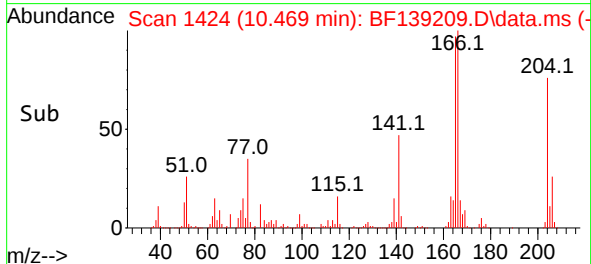
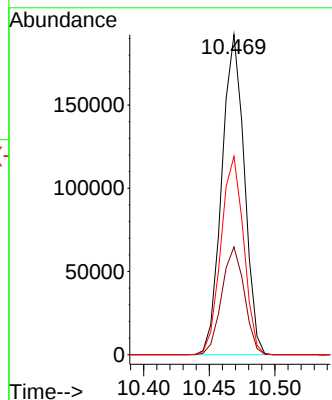
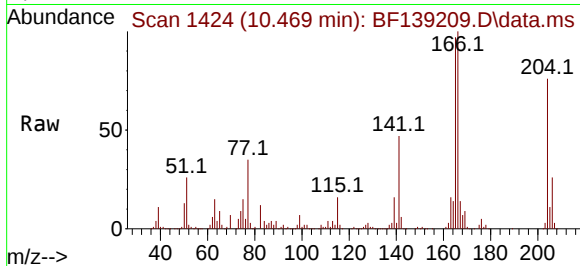




#61
4-Chlorophenyl-phenylether
Concen: 46.422 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

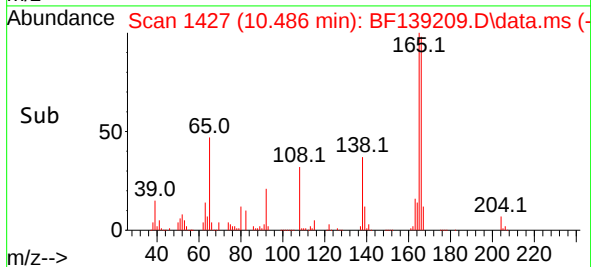
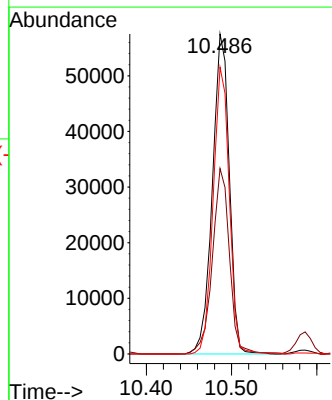
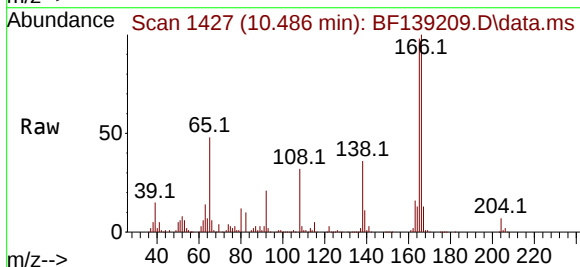
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

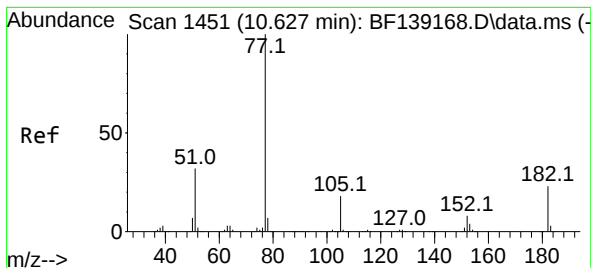
Tgt Ion:204 Resp: 229007
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 61.9 49.6 74.4



#62
4-Nitroaniline
Concen: 38.698 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:138 Resp: 79230
Ion Ratio Lower Upper
138 100
92 58.0 42.4 82.4
108 89.6 74.0 114.0





#63

Azobenzene

Concen: 46.071 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

Tgt Ion: 77 Resp: 497605

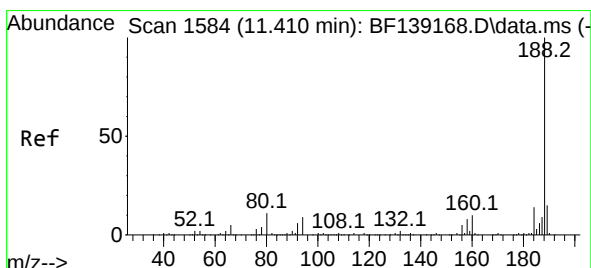
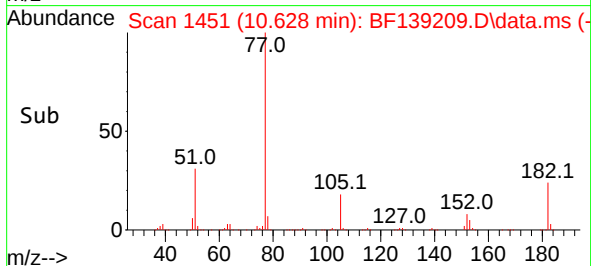
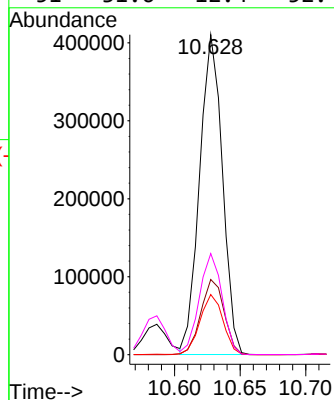
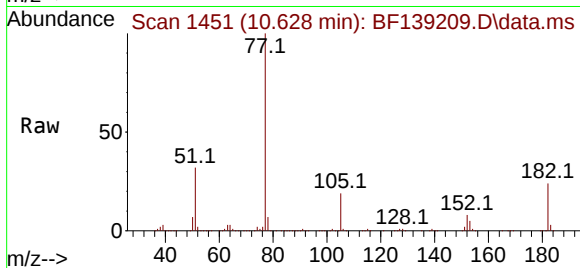
Ion Ratio Lower Upper

77 100

182 23.5 2.4 42.4

105 18.8 0.0 38.2

51 31.6 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

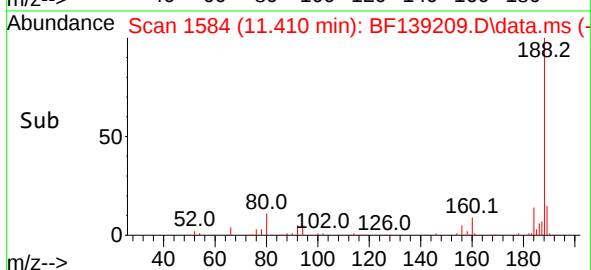
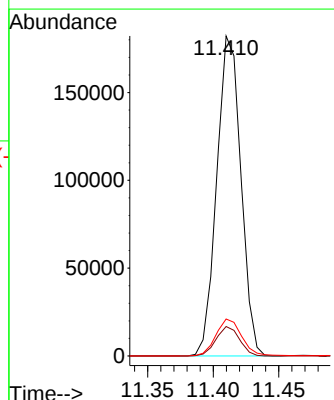
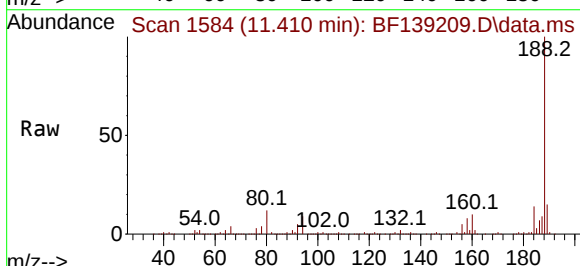
Tgt Ion:188 Resp: 232785

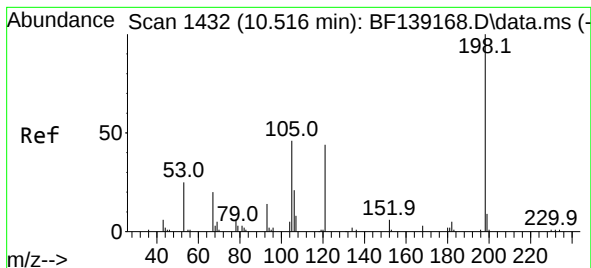
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 11.5 8.9 13.3

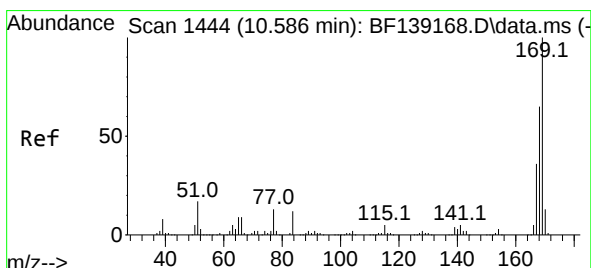
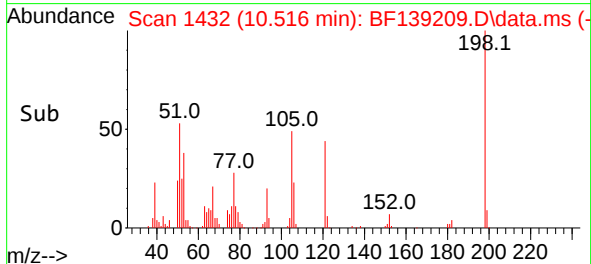
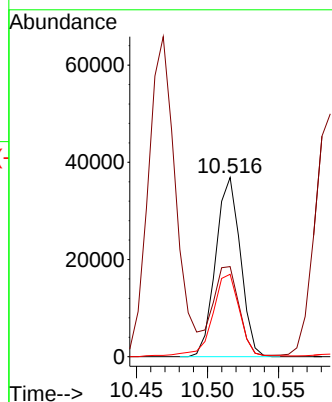
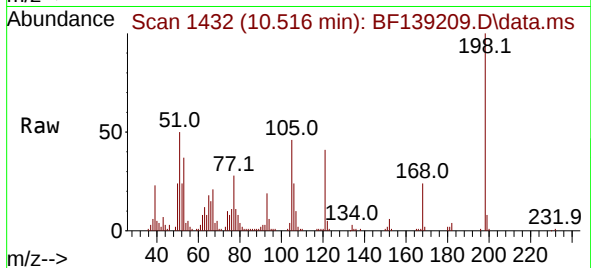




#65
4,6-Dinitro-2-methylphenol
Concen: 49.641 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

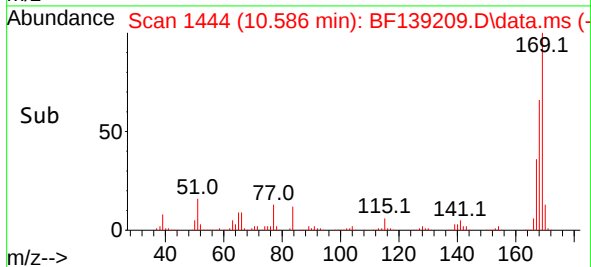
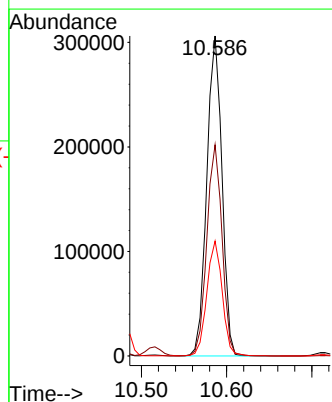
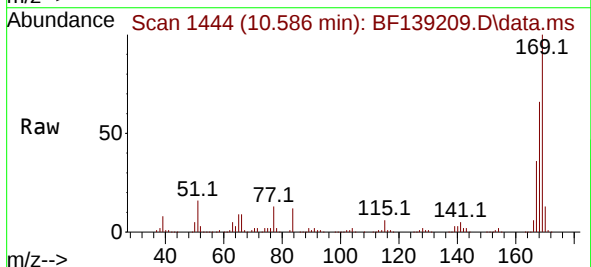
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

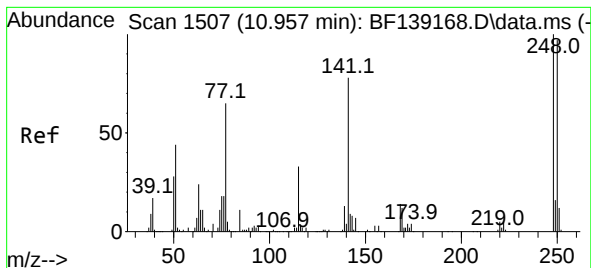
Tgt Ion:198 Resp: 44589
Ion Ratio Lower Upper
198 100
51 50.3 39.2 79.2
105 45.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 54.851 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:169 Resp: 378155
Ion Ratio Lower Upper
169 100
168 66.0 52.3 78.5
167 35.9 29.0 43.4

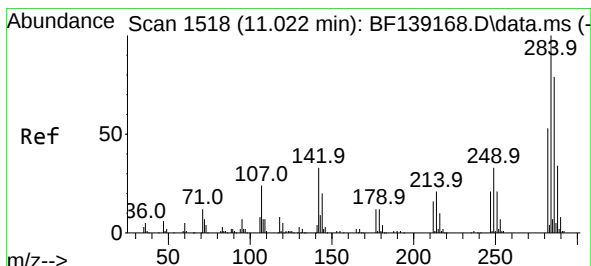
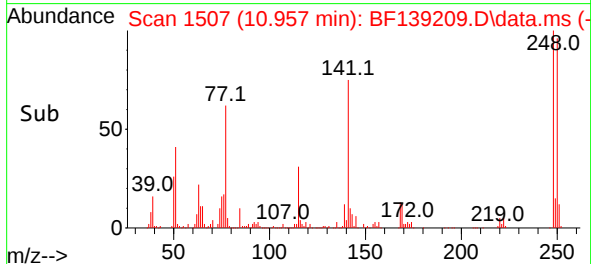
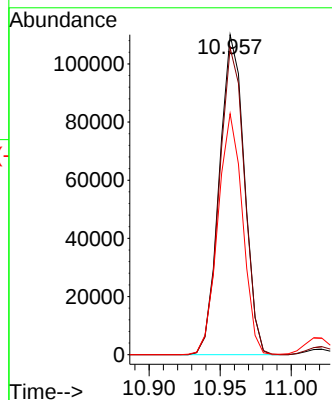
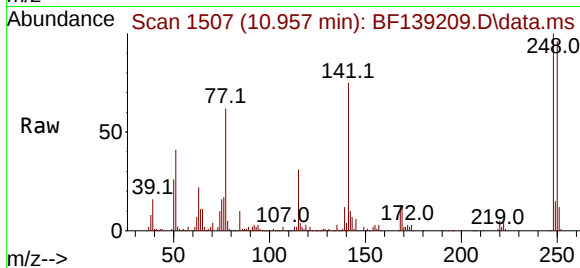




#67
4-Bromophenyl-phenylether
Concen: 54.391 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

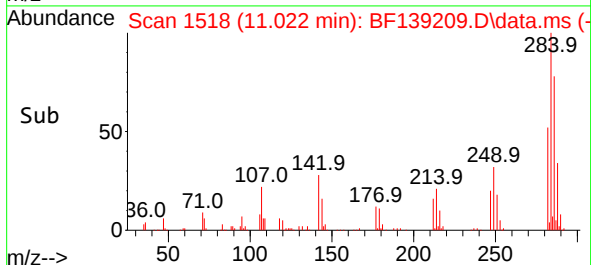
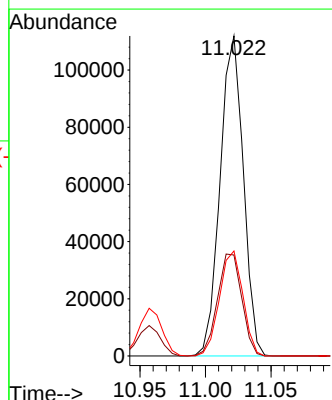
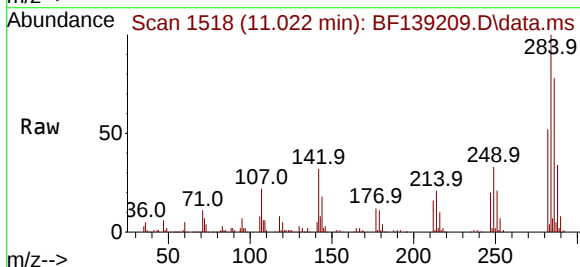
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

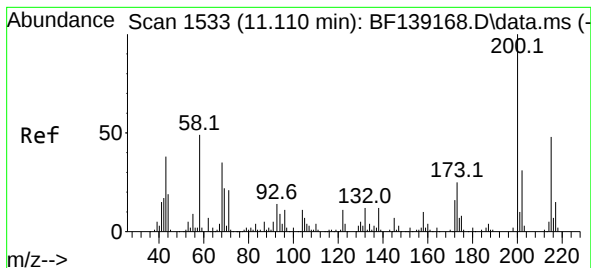
Tgt Ion:248 Resp: 134530
Ion Ratio Lower Upper
248 100
250 95.9 78.0 117.0
141 75.3 62.6 94.0



#68
Hexachlorobenzene
Concen: 51.480 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:284 Resp: 137799
Ion Ratio Lower Upper
284 100
142 31.6 26.6 40.0
249 32.8 26.5 39.7





#69

Atrazine

Concen: 78.644 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

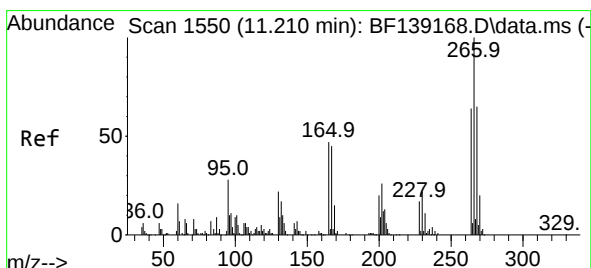
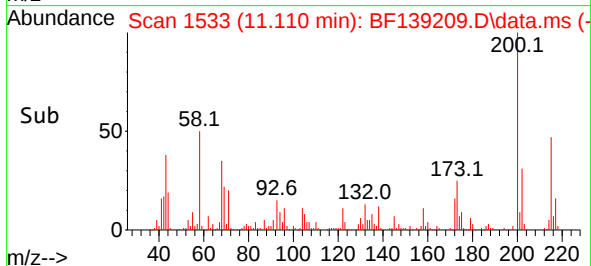
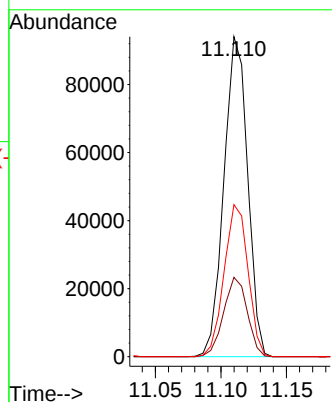
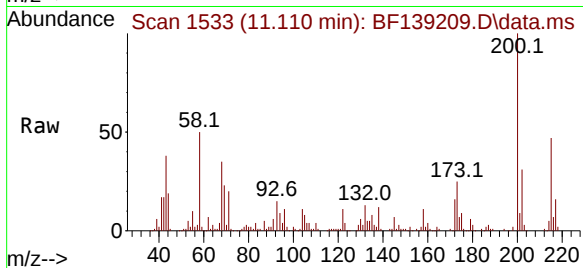
Tgt Ion:200 Resp: 118259

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 47.5 28.2 68.2



#70

Pentachlorophenol

Concen: 94.877 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

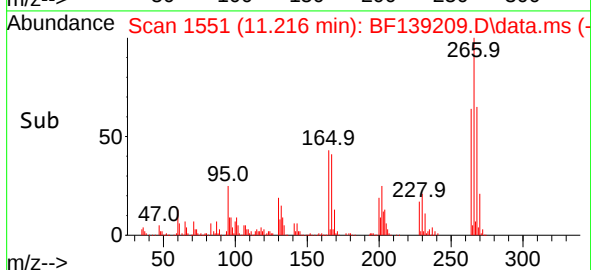
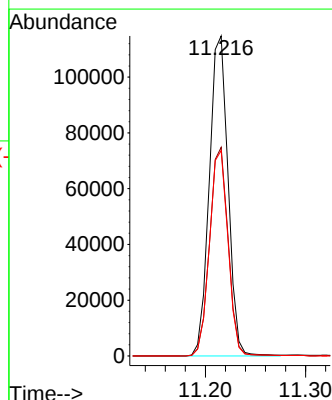
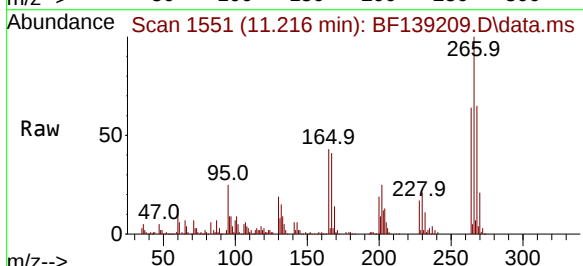
Tgt Ion:266 Resp: 149103

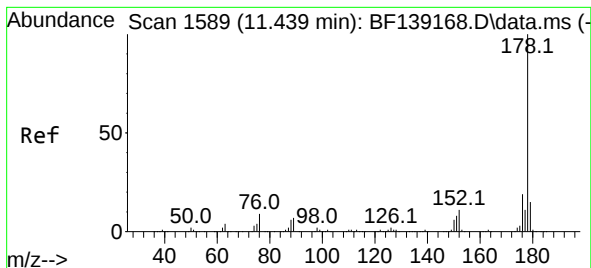
Ion Ratio Lower Upper

266 100

268 65.2 51.8 77.8

264 64.2 51.0 76.6





#71

Phenanthrene

Concen: 52.154 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

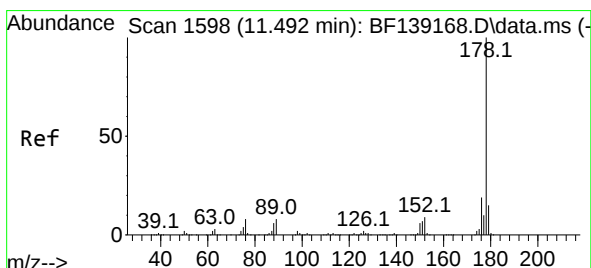
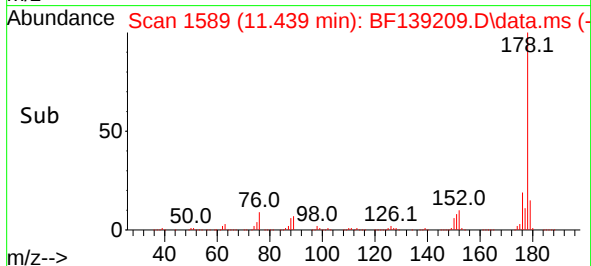
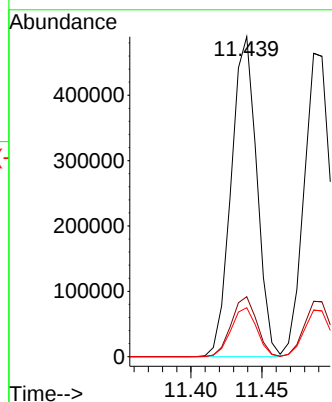
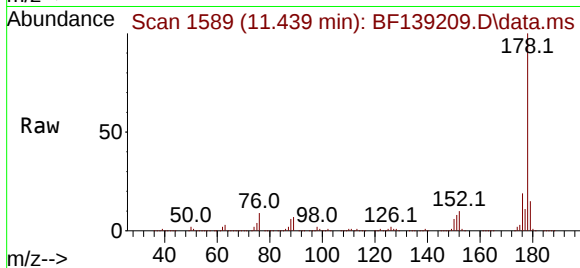
Tgt Ion:178 Resp: 613508

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.3 12.2 18.4



#72

Anthracene

Concen: 52.078 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

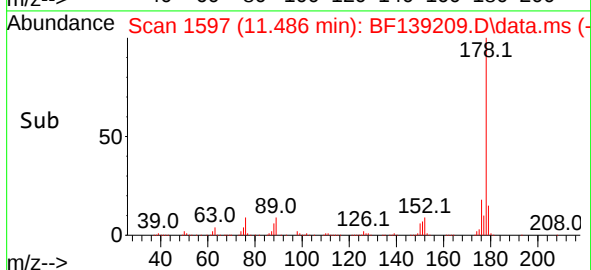
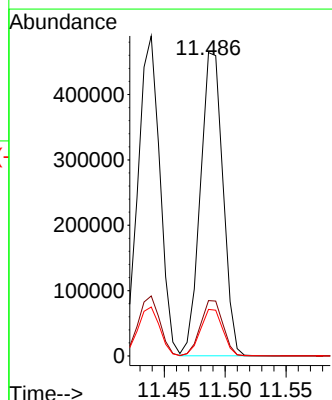
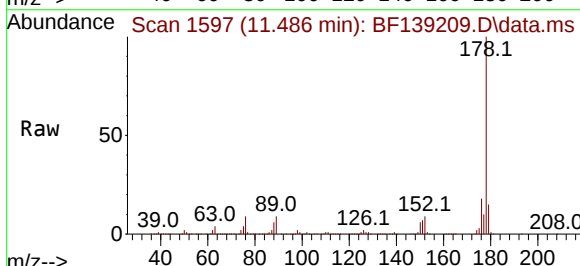
Tgt Ion:178 Resp: 597167

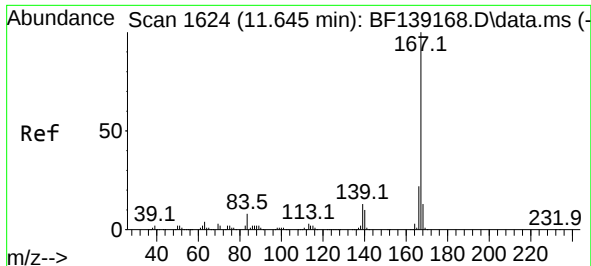
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.3 12.3 18.5

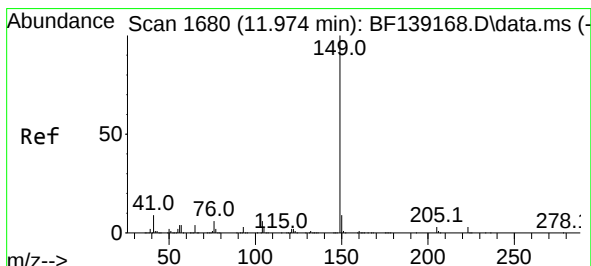
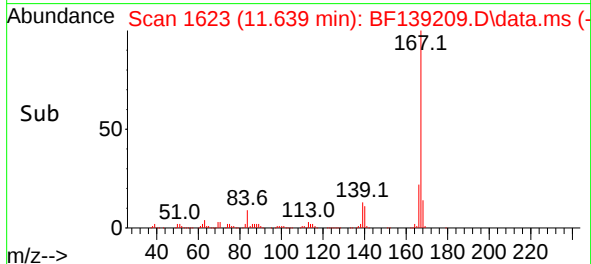
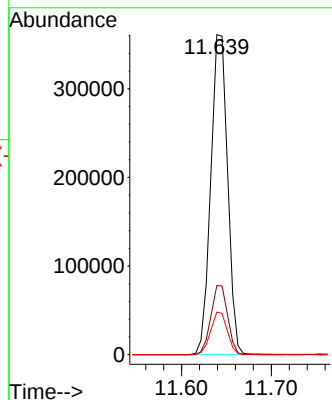
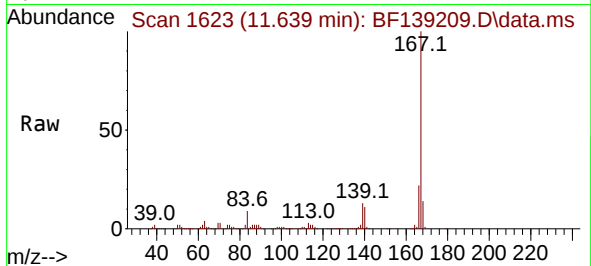




#73
Carbazole
Concen: 45.987 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

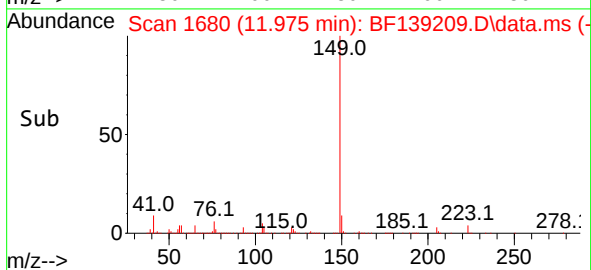
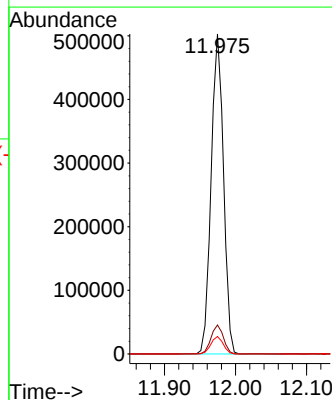
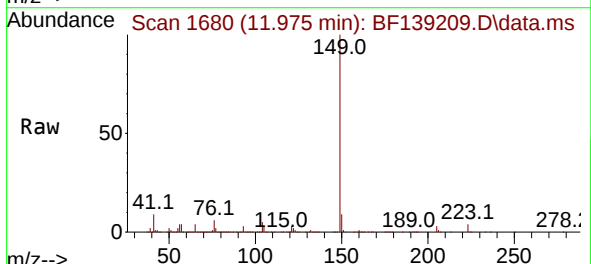
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

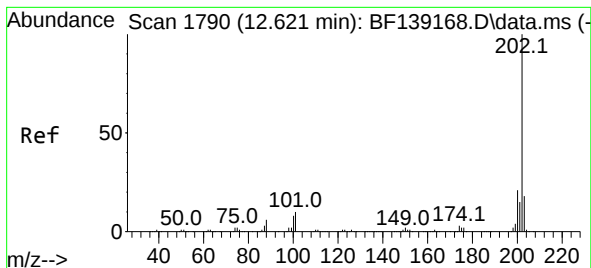
Tgt Ion:167 Resp: 471726
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.3 10.3 15.5



#74
Di-n-butylphthalate
Concen: 68.378 ng
RT: 11.975 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:149 Resp: 607913
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.4 4.4 6.6





#75

Fluoranthene

Concen: 53.552 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

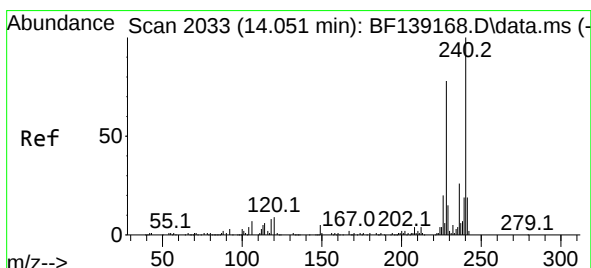
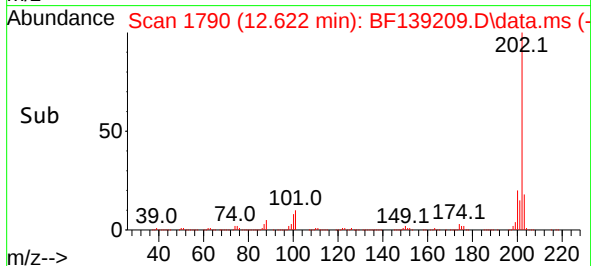
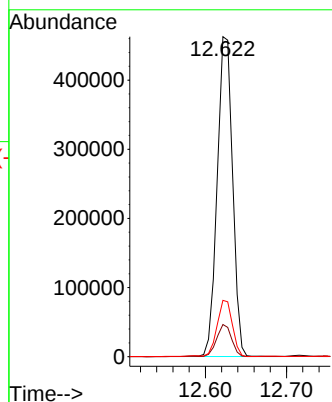
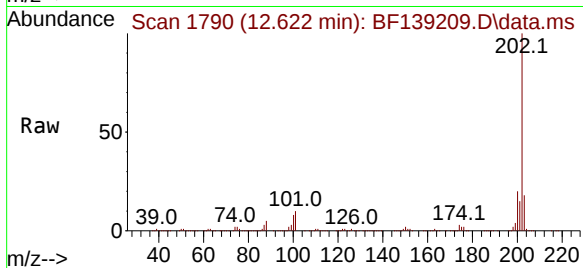
Tgt Ion:202 Resp: 611339

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.1

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

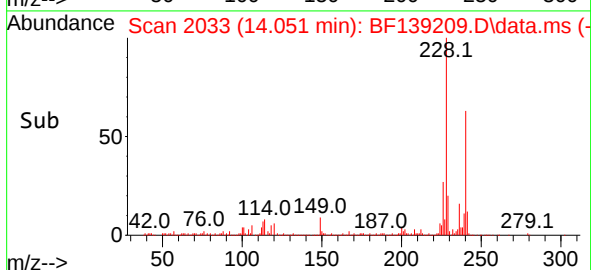
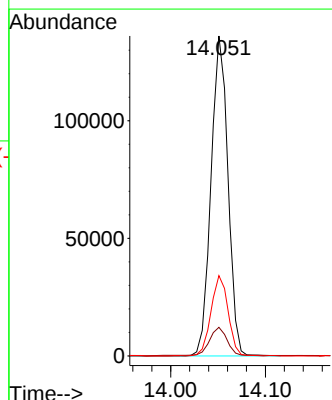
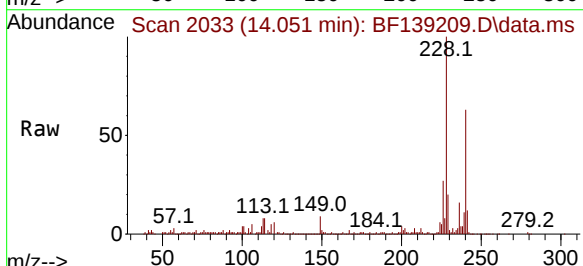
Tgt Ion:240 Resp: 169325

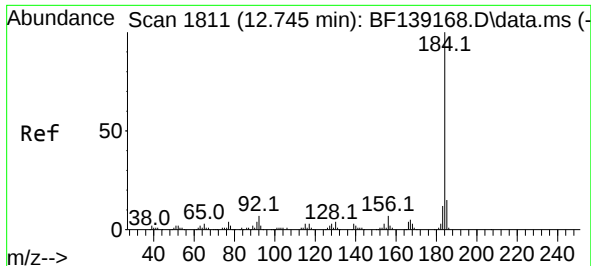
Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.1 20.9 31.3

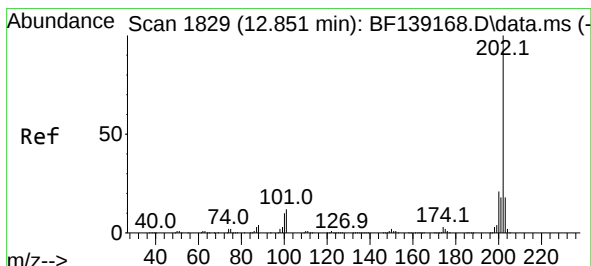
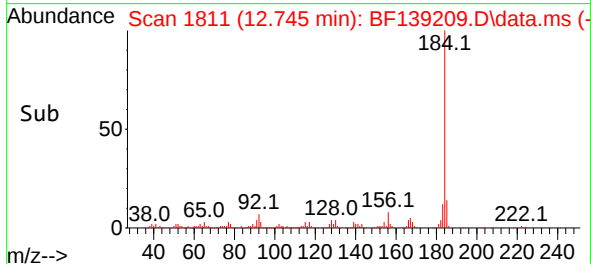
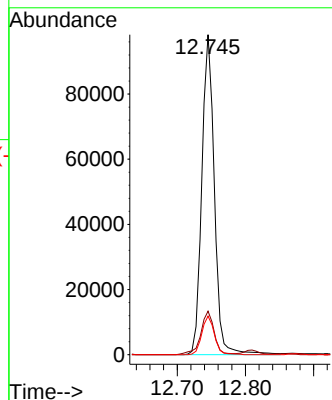
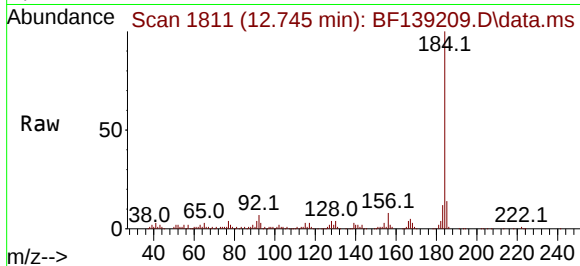




#77
Benzidine
Concen: 44.073 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

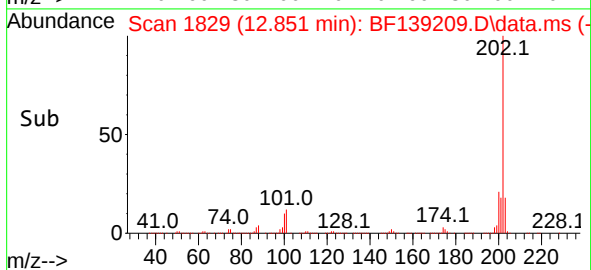
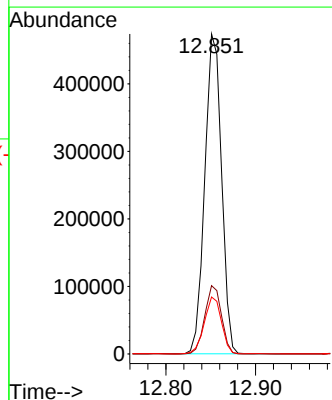
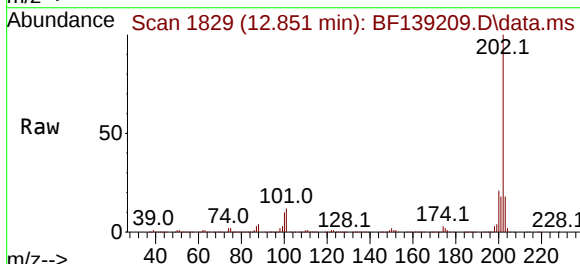
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

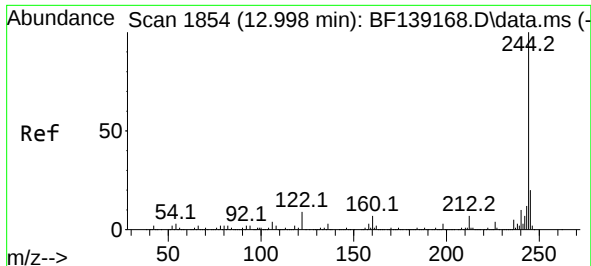
Tgt Ion:184 Resp: 125928
Ion Ratio Lower Upper
184 100
185 13.6 12.1 18.1
183 12.1 9.4 14.0



#78
Pyrene
Concen: 38.639 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

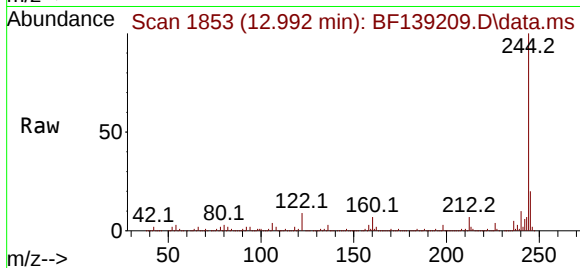
Tgt Ion:202 Resp: 614555
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.8 14.1 21.1



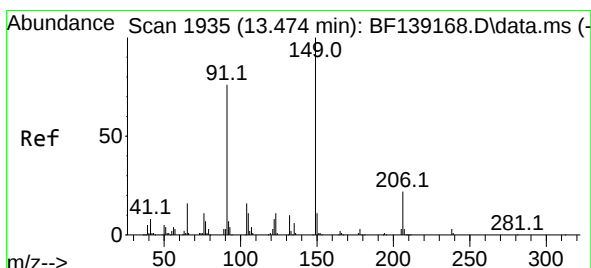
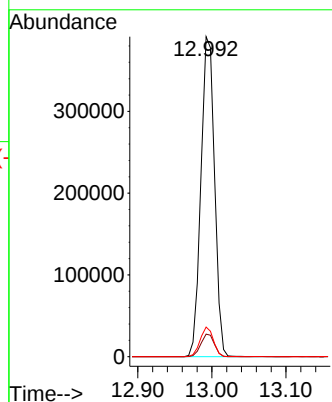
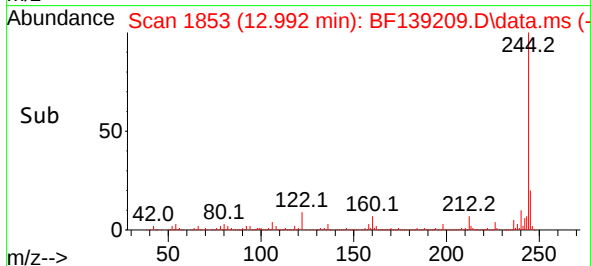


#79
 Terphenyl-d14
 Concen: 46.084 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P-5-COMPOSITEMSD

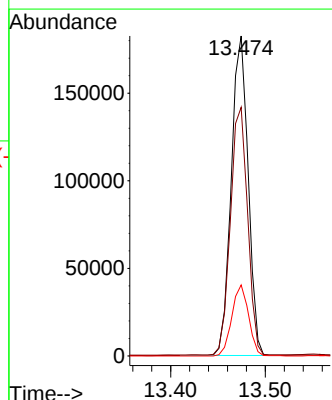
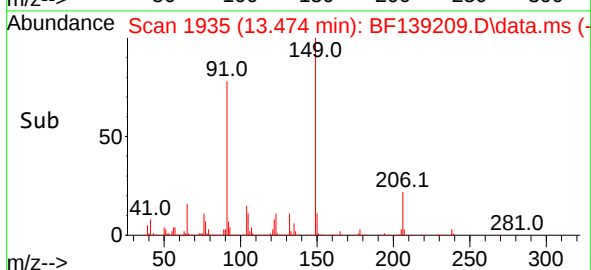
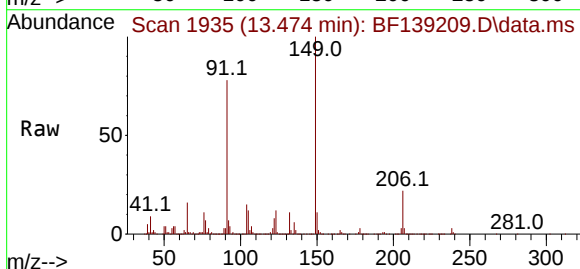


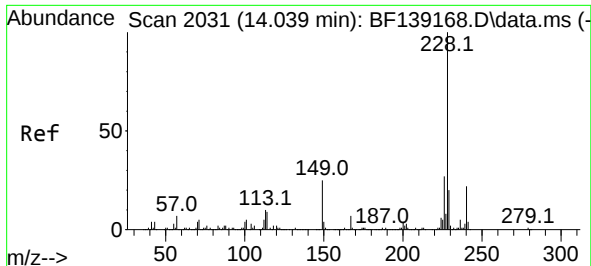
Tgt Ion:244 Resp: 500097
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.2 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 67.069 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139209.D
 Acq: 28 Aug 2024 15:22

Tgt Ion:149 Resp: 225564
 Ion Ratio Lower Upper
 149 100
 91 77.7 60.9 91.3
 206 22.2 17.7 26.5

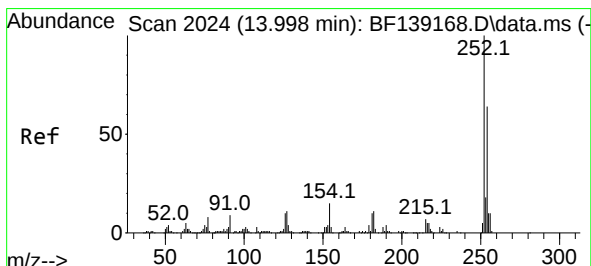
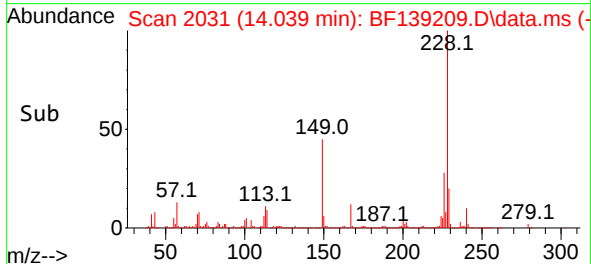
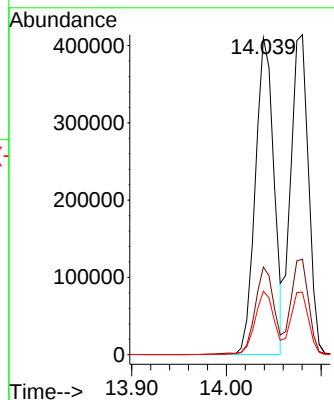
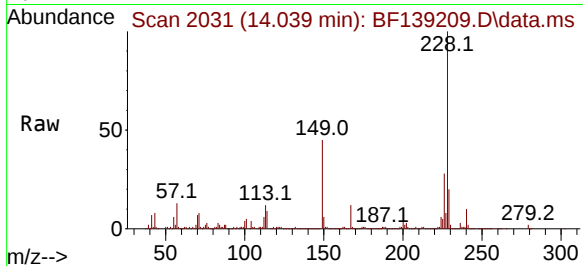




#81
Benzo(a)anthracene
Concen: 49.883 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

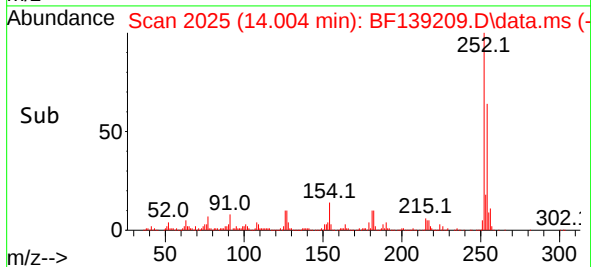
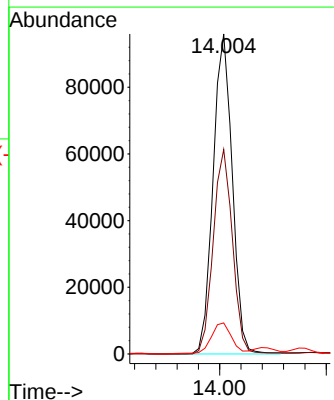
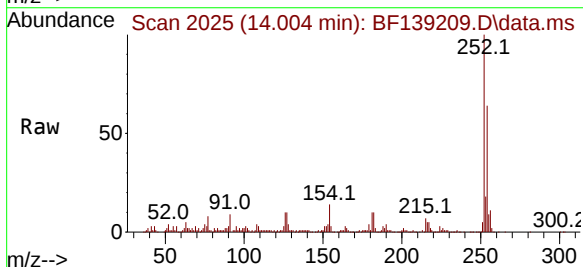
Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

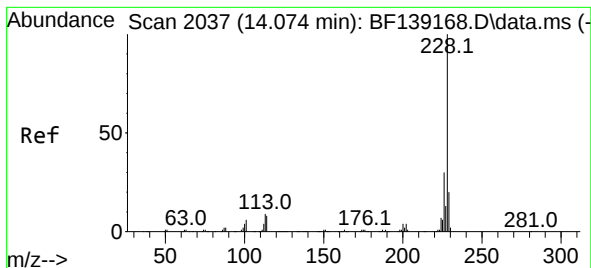
Tgt Ion:228 Resp: 559645
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 45.983 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:252 Resp: 120114
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.0
126 9.7 8.2 12.2





#83

Chrysene

Concen: 52.904 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

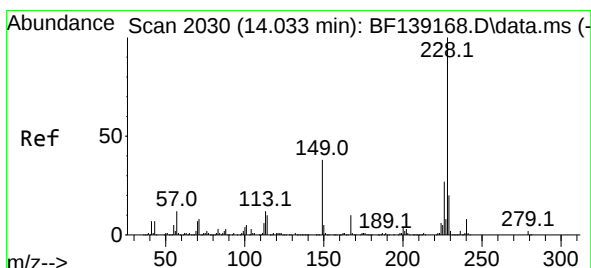
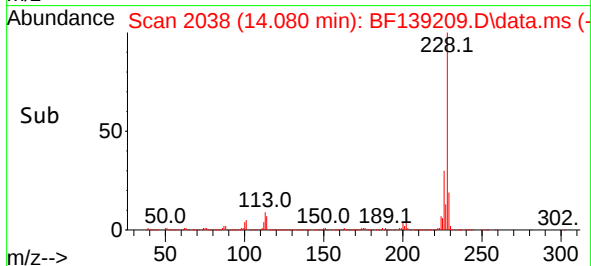
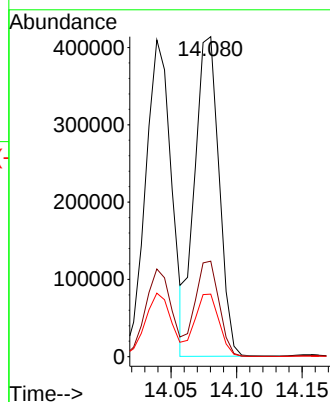
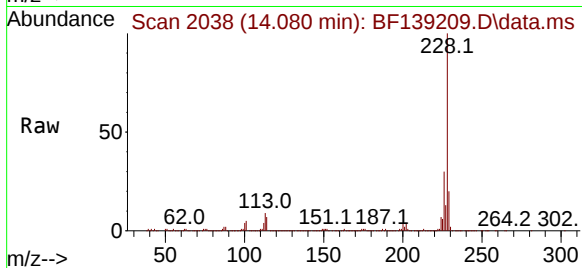
Tgt Ion:228 Resp: 535403

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.984 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

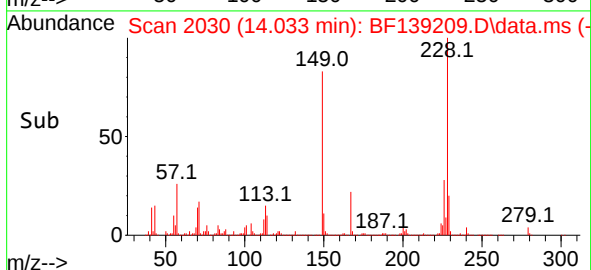
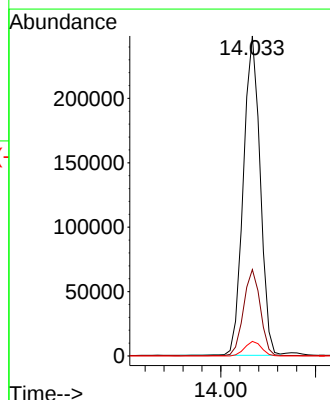
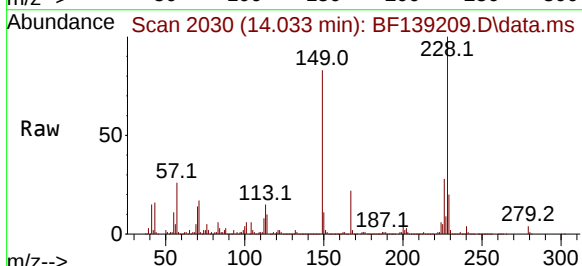
Tgt Ion:149 Resp: 305668

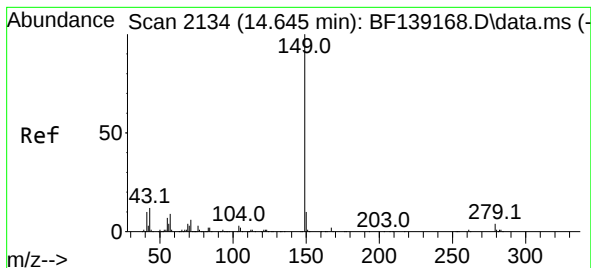
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 64.903 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

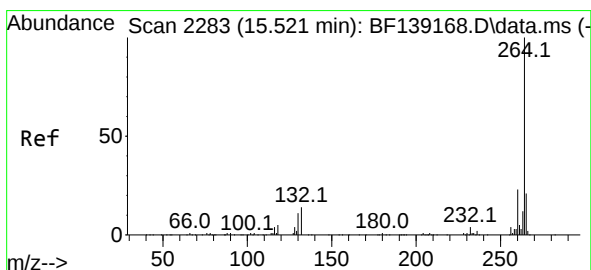
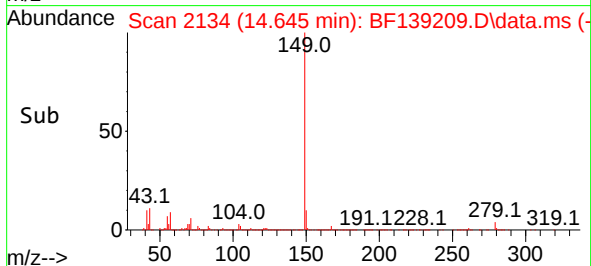
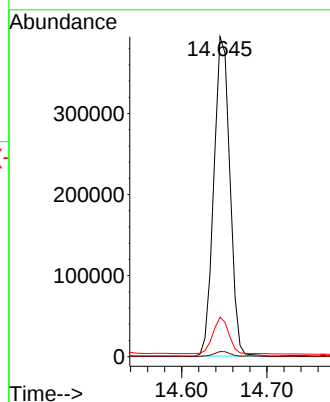
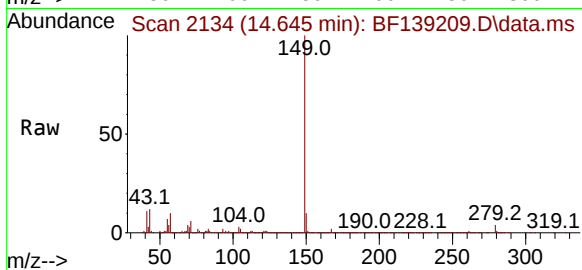
Tgt Ion:149 Resp: 515690

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

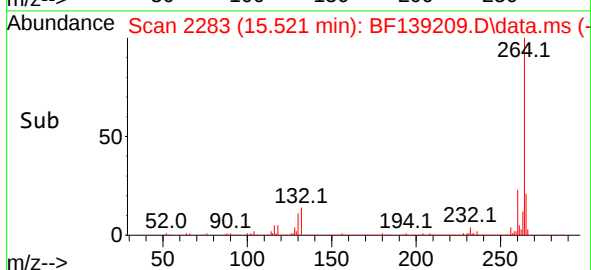
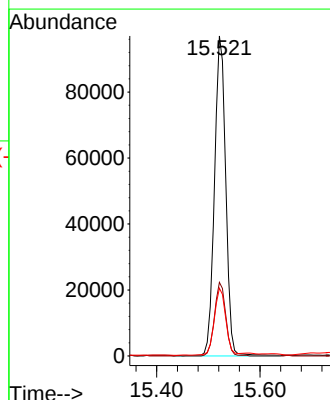
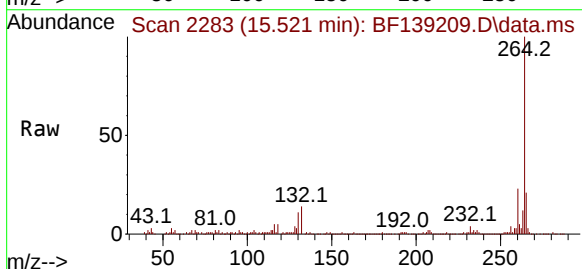
Tgt Ion:264 Resp: 146847

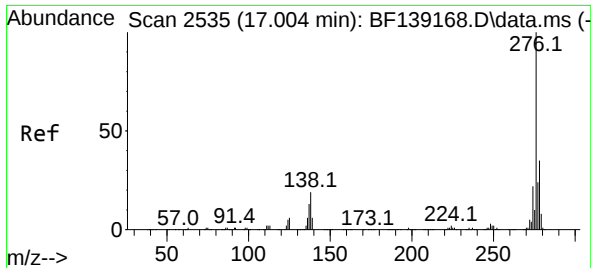
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

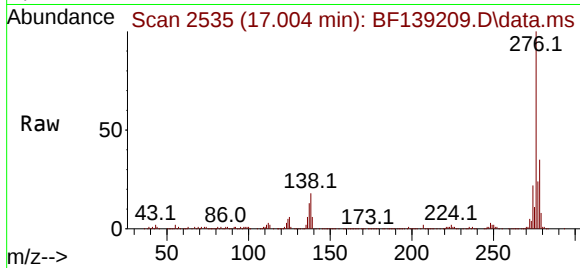
265 21.2 17.0 25.6



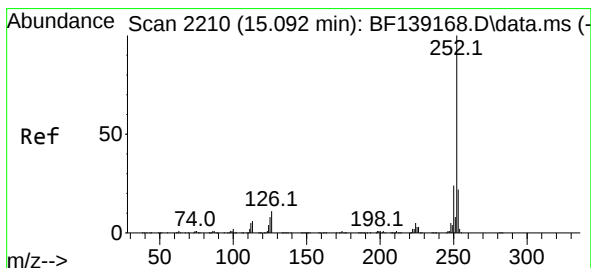
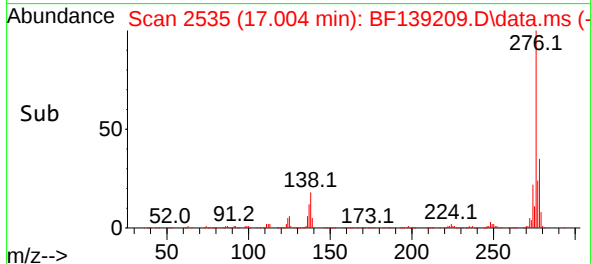
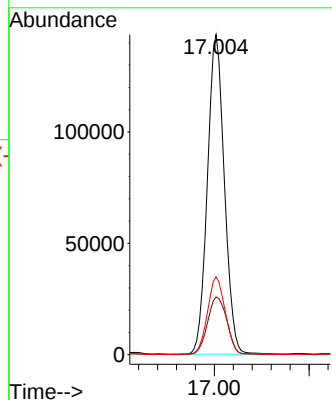


#87
Indeno(1,2,3-cd)pyrene
Concen: 35.624 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

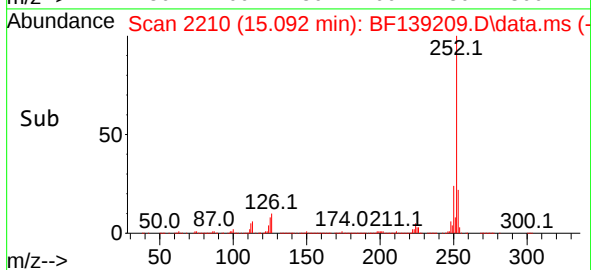
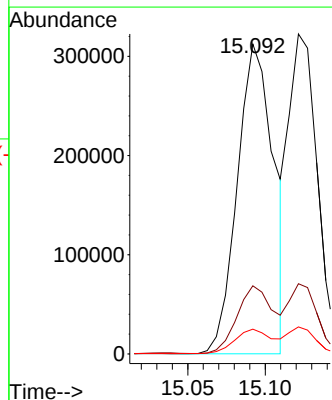
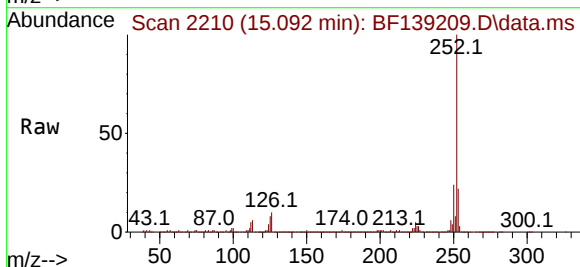


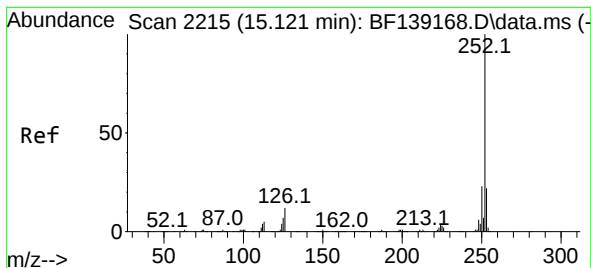
Tgt Ion:276 Resp: 357696
Ion Ratio Lower Upper
276 100
138 20.4 17.4 26.2
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 59.376 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:252 Resp: 510049
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.518 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

P-5-COMPOSITEMSD

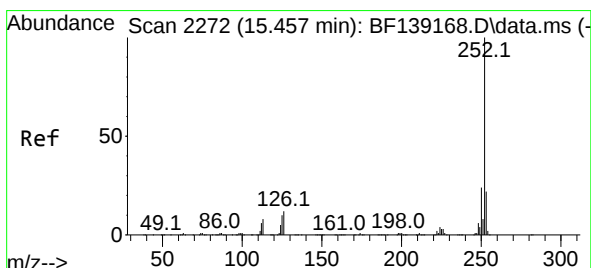
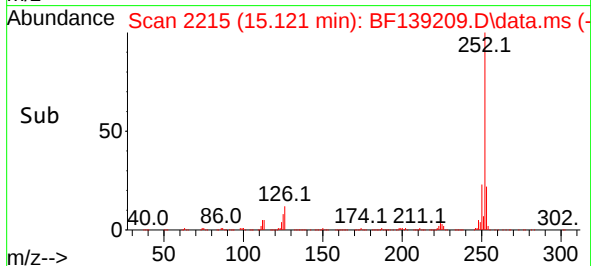
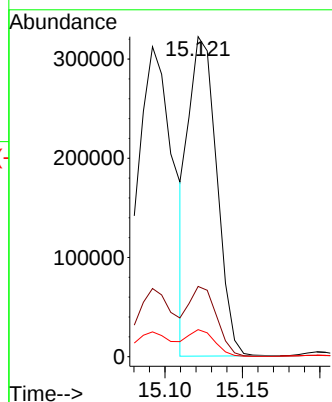
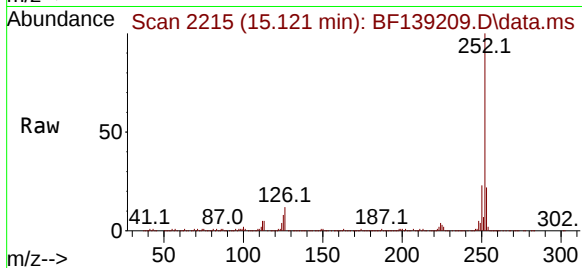
Tgt Ion:252 Resp: 407870

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 55.603 ng

RT: 15.463 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139209.D

Acq: 28 Aug 2024 15:22

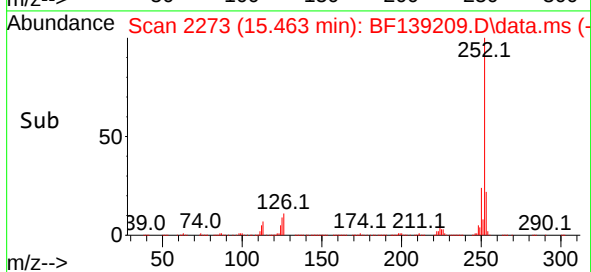
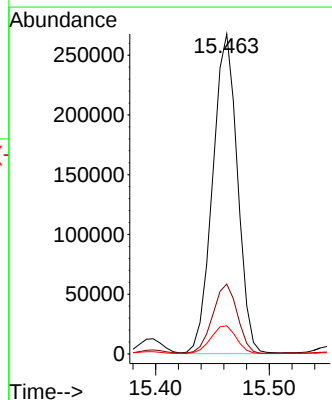
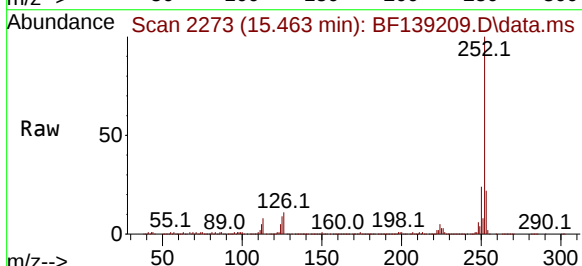
Tgt Ion:252 Resp: 405420

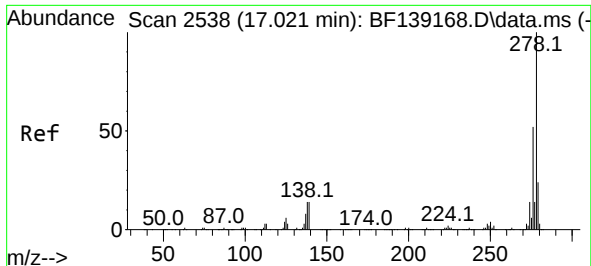
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.8 7.8 11.6

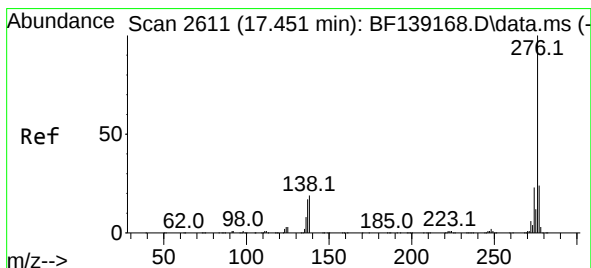
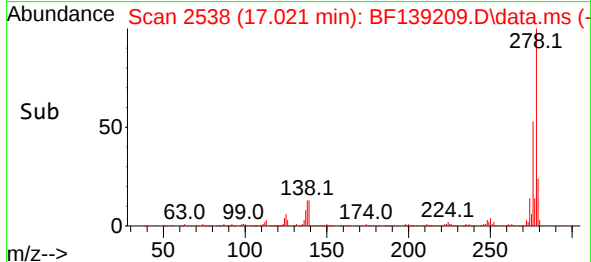
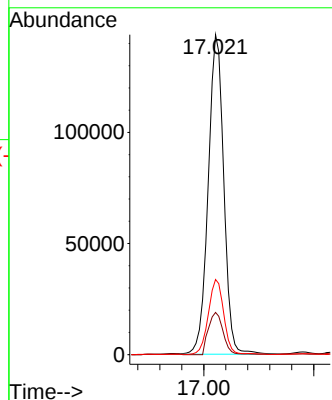
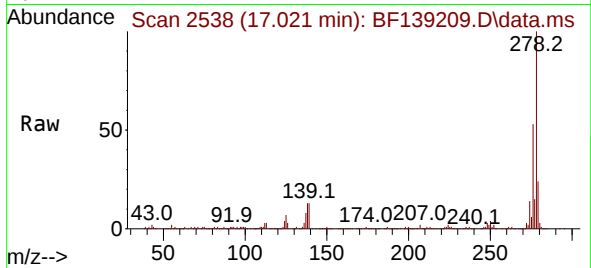




#91
Dibenzo(a,h)anthracene
Concen: 34.326 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

Tgt Ion:278 Resp: 282496
Ion Ratio Lower Upper
278 100
139 13.2 11.2 16.8
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 30.349 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF139209.D
Acq: 28 Aug 2024 15:22

Tgt Ion:276 Resp: 258350
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 17.0 15.0 22.6

