

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137881.D
 Acq On : 10 May 2024 15:17
 Operator : CG\JU
 Sample : PB160847BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS

Quant Time: May 11 00:35:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	164207	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	662141	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	382223	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	708935	20.000	ng	0.00
76) Chrysene-d12	14.245	240	444978	20.000	ng	0.00
86) Perylene-d12	15.809	264	360487	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1206166	122.983	ng	0.01
7) Phenol-d6	6.669	99	1494682	120.152	ng	0.00
23) Nitrobenzene-d5	7.616	82	919480	80.678	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	523351	134.103	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1955341	82.995	ng	-0.01
79) Terphenyl-d14	13.180	244	2440208	91.902	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	154232	34.922	ng	97
3) Pyridine	3.810	79	386199	36.131	ng	95
4) n-Nitrosodimethylamine	3.781	42	187336	38.921	ng	94
6) Aniline	6.710	93	403913	32.759	ng	98
8) 2-Chlorophenol	6.833	128	473933	44.342	ng	99
9) Benzaldehyde	6.604	77	198392	29.614	ng	98
10) Phenol	6.681	94	531053	41.662	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	414830	41.562	ng	99
12) 1,3-Dichlorobenzene	6.992	146	503825	41.802	ng	98
13) 1,4-Dichlorobenzene	7.069	146	511469	42.292	ng	98
14) 1,2-Dichlorobenzene	7.222	146	487109	42.764	ng	98
15) Benzyl Alcohol	7.186	79	375183	43.612	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	535243	38.152	ng	98
17) 2-Methylphenol	7.292	107	380112	44.074	ng	100
18) Hexachloroethane	7.563	117	176396	43.145	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	303688	40.850	ng	96
20) 3+4-Methylphenols	7.439	107	482997	42.568	ng	95
22) Acetophenone	7.457	105	633741	42.556	ng	99
24) Nitrobenzene	7.633	77	463276	39.440	ng	95
25) Isophorone	7.869	82	844915	41.118	ng	98
26) 2-Nitrophenol	7.945	139	255303	47.996	ng	93
27) 2,4-Dimethylphenol	7.975	122	345001	45.052	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	511983	41.151	ng	99
29) 2,4-Dichlorophenol	8.186	162	405382	43.797	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	426261	42.244	ng	99
31) Naphthalene	8.357	128	1391359	42.283	ng	100
32) Benzoic acid	8.086	122	284636	43.085	ng	93
33) 4-Chloroaniline	8.398	127	188031	15.410	ng	98
34) Hexachlorobutadiene	8.469	225	259651	41.913	ng	99
35) Caprolactam	8.769	113	79520	27.115	ng	99
36) 4-Chloro-3-methylphenol	8.875	107	426796	44.216	ng	95
37) 2-Methylnaphthalene	9.051	142	908479	42.652	ng	99
38) 1-Methylnaphthalene	9.151	142	853456	40.727	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	432711	42.744	ng	99
41) Hexachlorocyclopentadiene	9.198	237	470204	114.353	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	295537	42.887	ng	100

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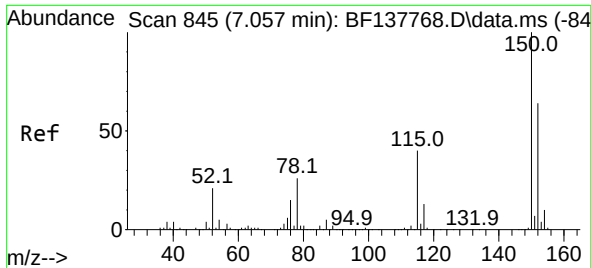
Quant Time: May 11 00:35:17 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	325274	42.748	ng	97
46) 1,1'-Biphenyl	9.516	154	1122298	42.785	ng	98
47) 2-Chloronaphthalene	9.545	162	873080	41.226	ng	99
48) 2-Nitroaniline	9.633	65	252368	43.939	ng	99
49) Acenaphthylene	9.963	152	1400623	45.719	ng	100
50) Dimethylphthalate	9.810	163	1041130	43.148	ng	100
51) 2,6-Dinitrotoluene	9.874	165	234692	42.560	ng	99
52) Acenaphthene	10.133	154	937510	46.168	ng	99
53) 3-Nitroaniline	10.045	138	161874	28.032	ng	96
54) 2,4-Dinitrophenol	10.151	184	256901	94.815	ng	89
55) Dibenzofuran	10.304	168	1265525	42.826	ng	98
56) 4-Nitrophenol	10.204	139	397017	82.953	ng	93
57) 2,4-Dinitrotoluene	10.280	165	330241	45.841	ng	99
58) Fluorene	10.651	166	1012457	43.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	274367	44.414	ng	99
60) Diethylphthalate	10.516	149	1000297	43.649	ng	98
61) 4-Chlorophenyl-phenyle...	10.639	204	490338	42.315	ng	99
62) 4-Nitroaniline	10.669	138	241829	41.287	ng	95
63) Azobenzene	10.798	77	929130	41.949	ng	97
65) 4,6-Dinitro-2-methylph...	10.692	198	182663	44.891	ng	80
66) n-Nitrosodiphenylamine	10.757	169	886256	41.763	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	322966	42.567	ng	95
68) Hexachlorobenzene	11.198	284	354730	42.783	ng	96
69) Atrazine	11.280	200	309458	47.826	ng	98
70) Pentachlorophenol	11.392	266	445550	78.272	ng	99
71) Phenanthrene	11.621	178	1495439	43.277	ng	99
72) Anthracene	11.674	178	1527840	44.438	ng	100
73) Carbazole	11.821	167	1402166	42.317	ng	100
74) Di-n-butylphthalate	12.139	149	1609118	44.518	ng	99
75) Fluoranthene	12.815	202	1565026	41.433	ng	98
77) Benzidine	12.927	184	339917	33.029	ng	99
78) Pyrene	13.045	202	1577530	44.713	ng	100
80) Butylbenzylphthalate	13.651	149	582028	51.994	ng	96
81) Benzo(a)anthracene	14.233	228	1259404	44.251	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	266341	31.260	ng	98
83) Chrysene	14.274	228	1170176	43.912	ng	100
84) Bis(2-ethylhexyl)phtha...	14.204	149	740624	52.497	ng	99
85) Di-n-octyl phthalate	14.833	149	983815	51.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.450	276	1030999	50.305	ng	99
88) Benzo(b)fluoranthene	15.339	252	971544	43.317	ng	99
89) Benzo(k)fluoranthene	15.374	252	944942	43.590	ng	99
90) Benzo(a)pyrene	15.745	252	871220	47.613	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	831740	49.858	ng	100
92) Benzo(g,h,i)perylene	17.956	276	801400	45.825	ng	99

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

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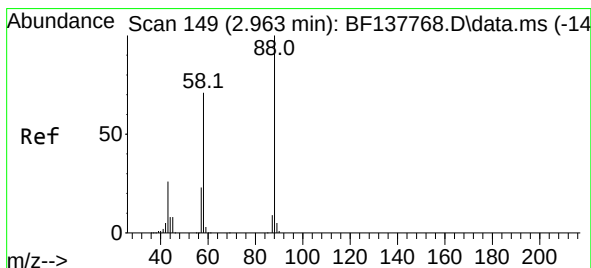
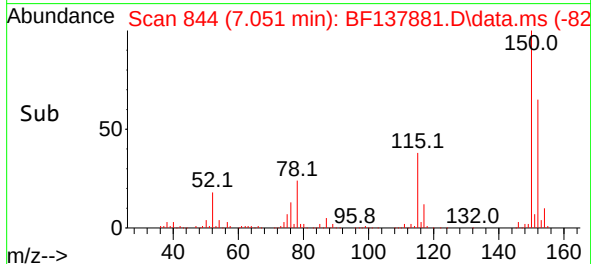
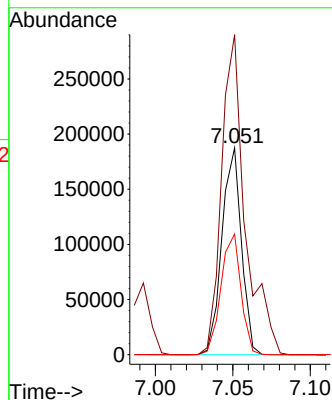
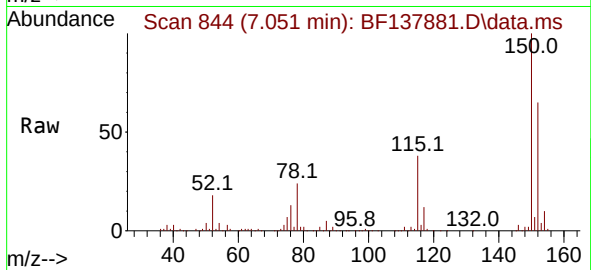




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.051 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

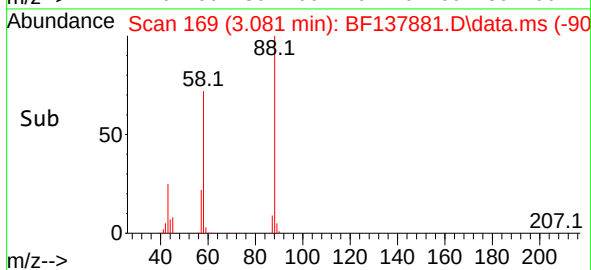
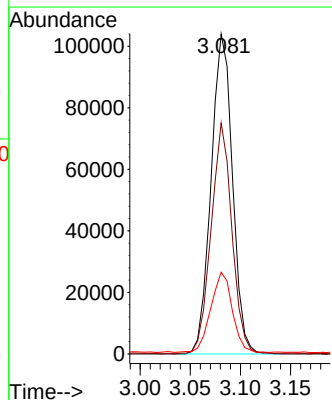
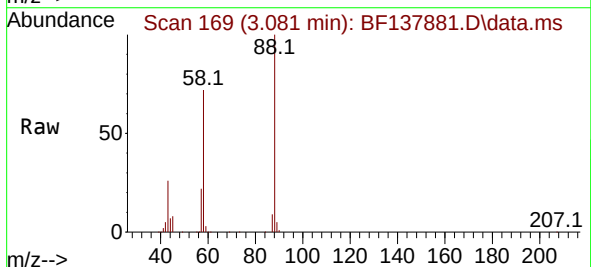
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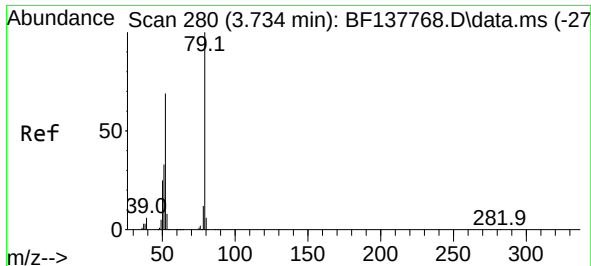
Tgt Ion:152 Resp: 164207
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.1 186.1
 115 58.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 34.922 ng
 RT: 3.081 min Scan# 169
 Delta R.T. 0.117 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion: 88 Resp: 154232
 Ion Ratio Lower Upper
 88 100
 58 70.5 58.8 88.2
 43 25.2 21.4 32.0

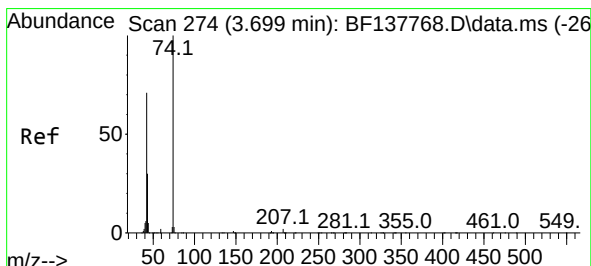
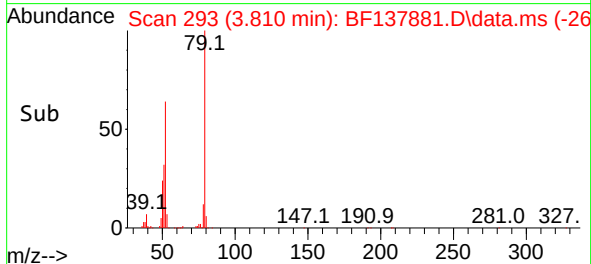
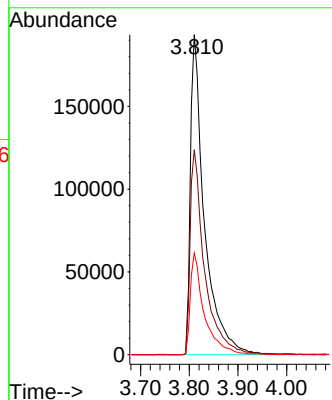
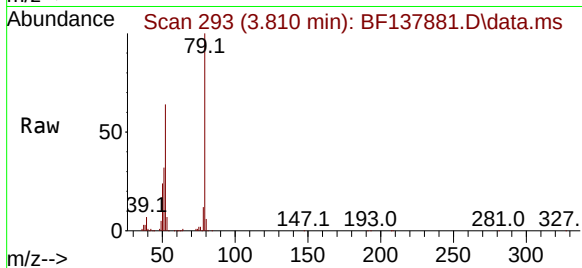




#3
 Pyridine
 Concen: 36.131 ng
 RT: 3.810 min Scan# 24
 Delta R.T. 0.076 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

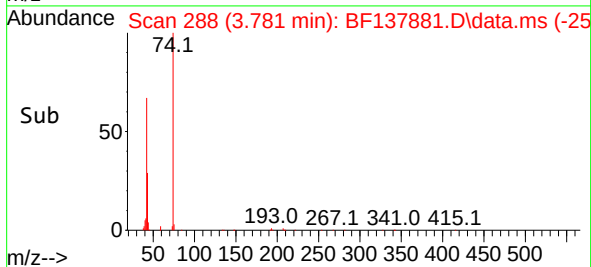
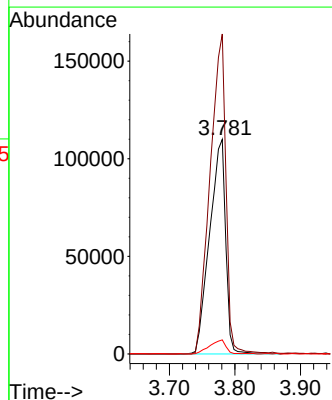
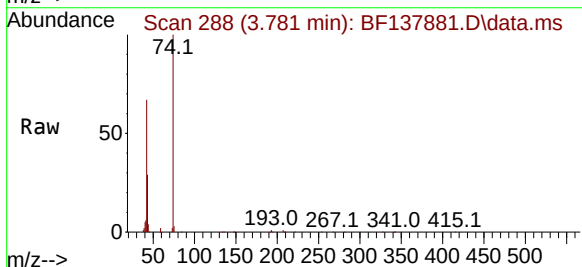
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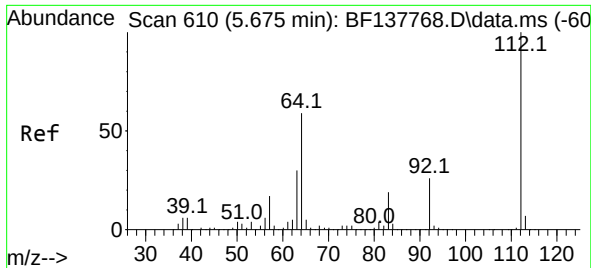
Tgt Ion: 79 Resp: 386199
 Ion Ratio Lower Upper
 79 100
 52 64.0 55.5 83.3
 51 31.8 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 38.921 ng
 RT: 3.781 min Scan# 288
 Delta R.T. 0.082 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion: 42 Resp: 187336
 Ion Ratio Lower Upper
 42 100
 74 149.2 112.9 169.3
 44 6.5 5.6 8.4

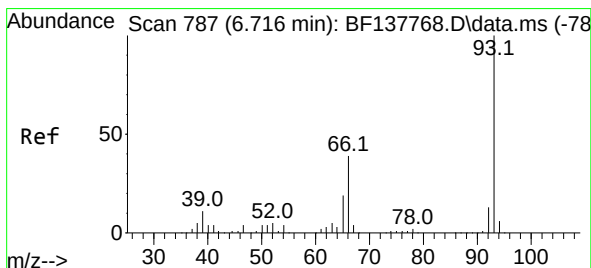
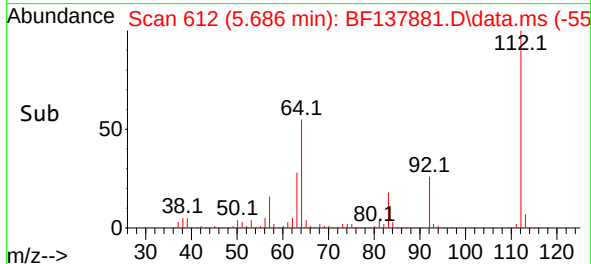
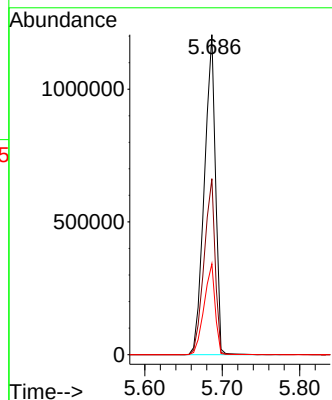
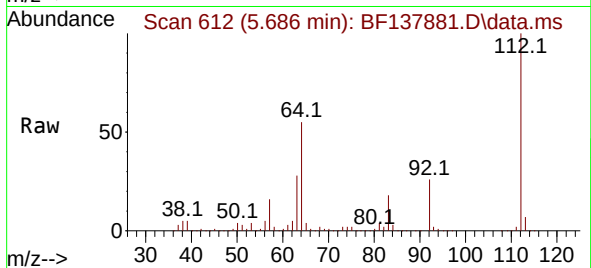




#5
2-Fluorophenol
Concen: 122.983 ng
RT: 5.686 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

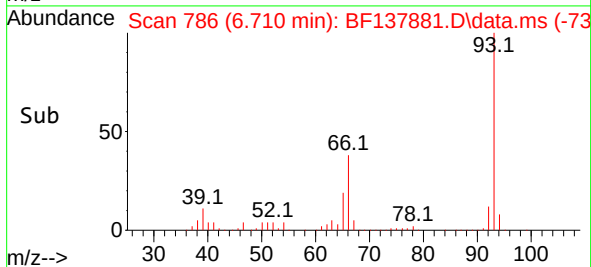
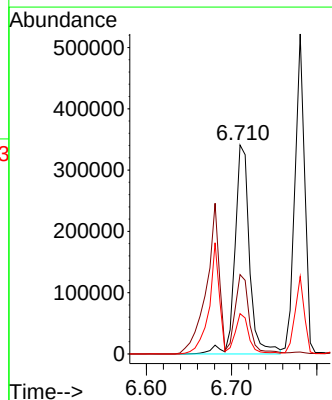
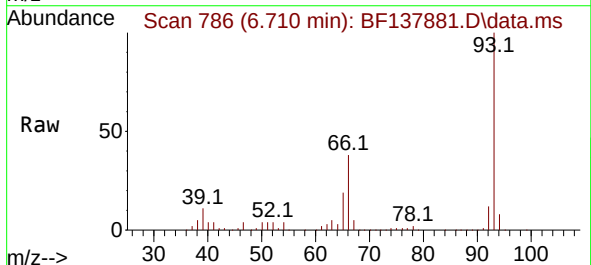
Instrument :
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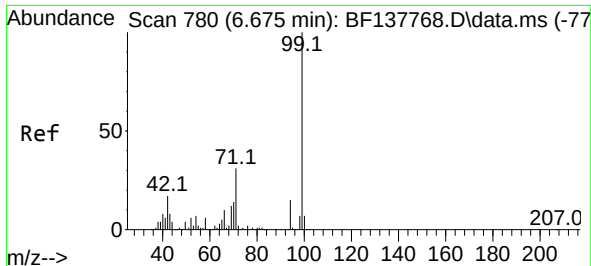
Tgt Ion:112 Resp: 1206166
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.4 23.7 35.5



#6
Aniline
Concen: 32.759 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 93 Resp: 403913
Ion Ratio Lower Upper
93 100
66 38.0 31.8 47.6
65 19.3 15.4 23.2



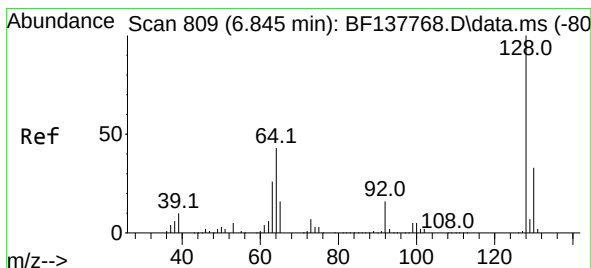
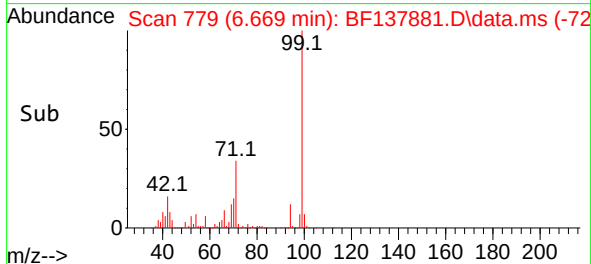
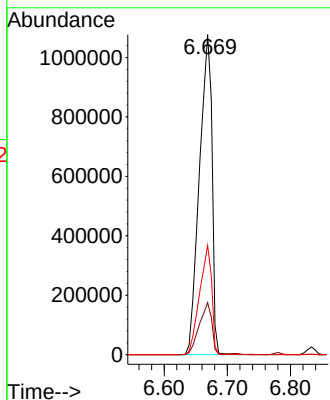
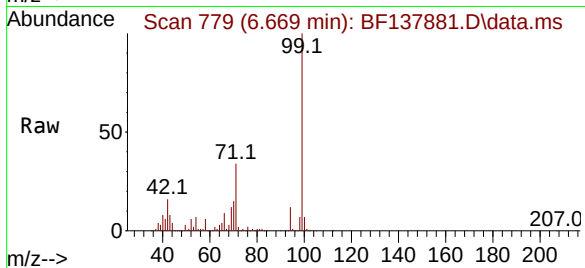


#7
Phenol-d6
Concen: 120.152 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB160847BS

Tgt Ion: 99 Resp: 1494682

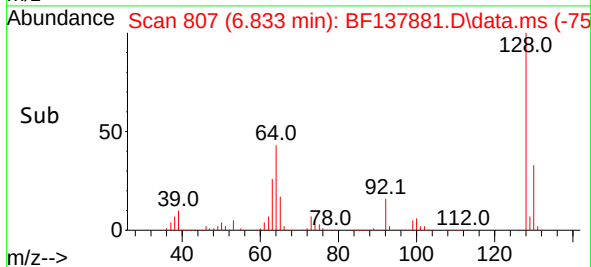
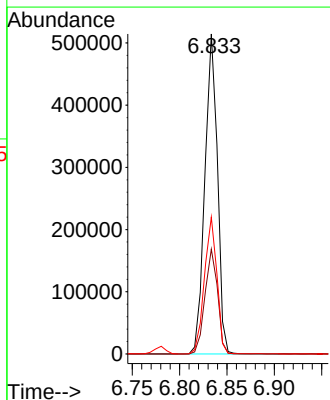
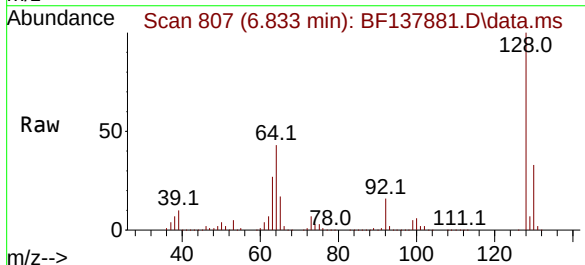
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	34.2	25.0	37.4

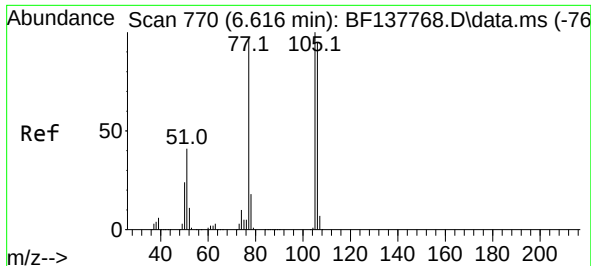


#8
2-Chlorophenol
Concen: 44.342 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 128 Resp: 473933

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	42.7	23.9	63.9

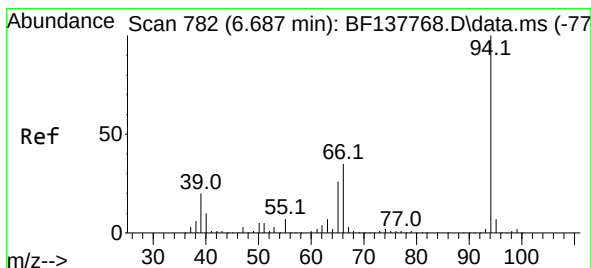
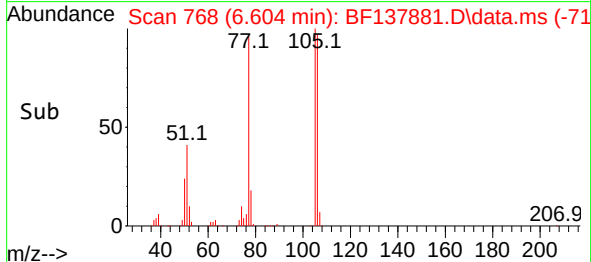
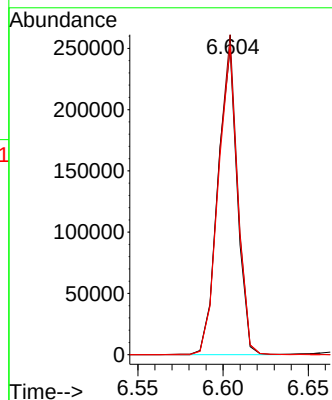
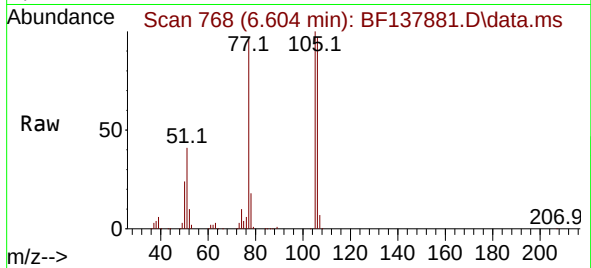




#9
Benzaldehyde
Concen: 29.614 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

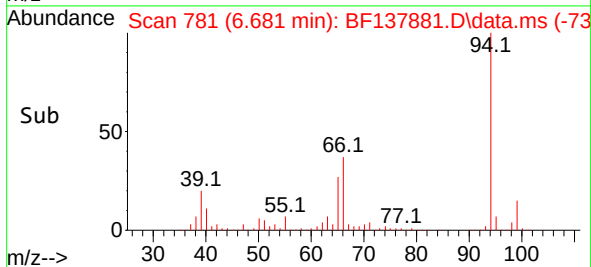
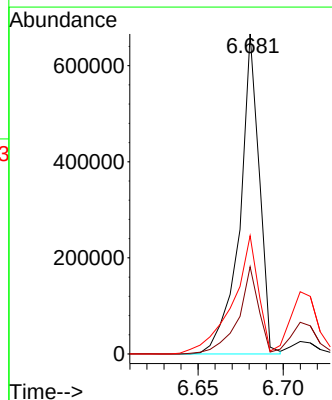
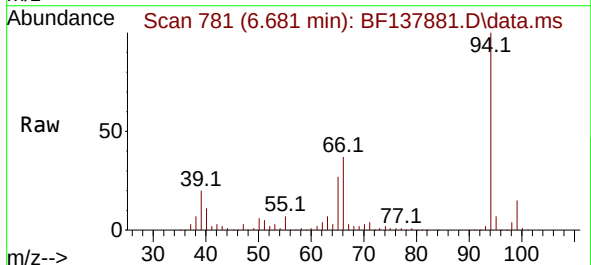
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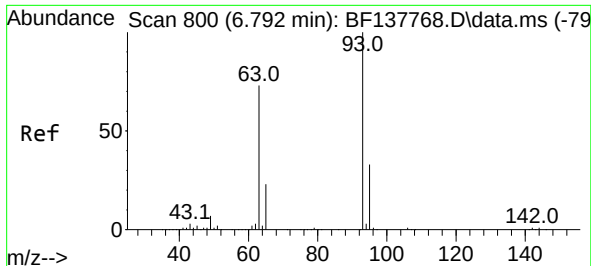
Tgt Ion: 77 Resp: 198392
Ion Ratio Lower Upper
77 100
105 104.5 83.2 123.2
106 100.9 77.7 117.7



#10
Phenol
Concen: 41.662 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 94 Resp: 531053
Ion Ratio Lower Upper
94 100
65 27.2 6.4 46.4
66 36.9 15.4 55.4

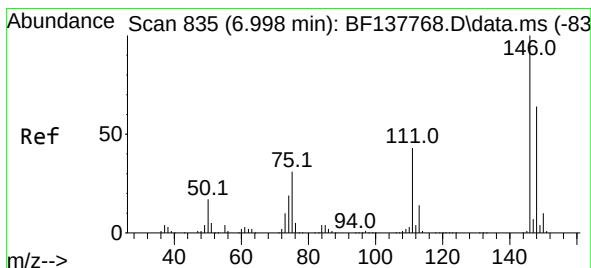
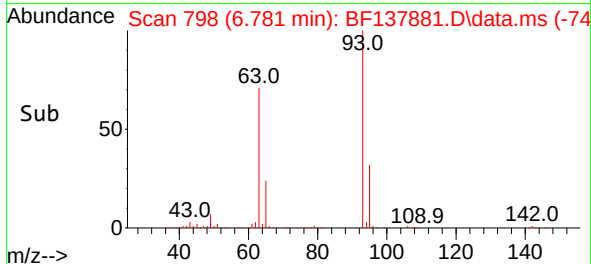
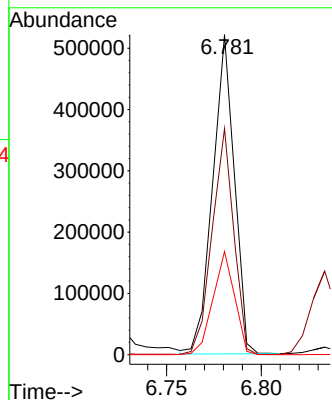
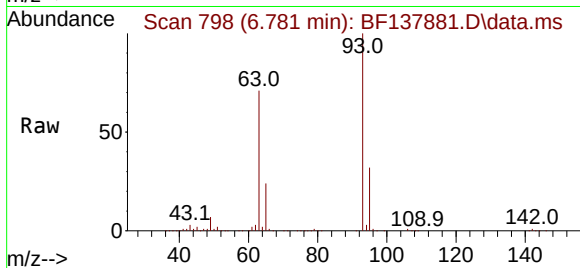




#11
bis(2-Chloroethyl)ether
Concen: 41.562 ng
RT: 6.781 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

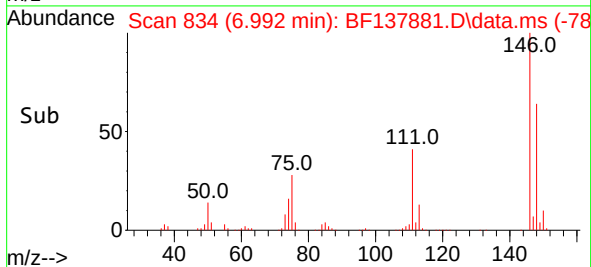
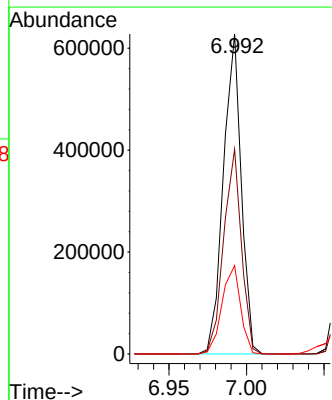
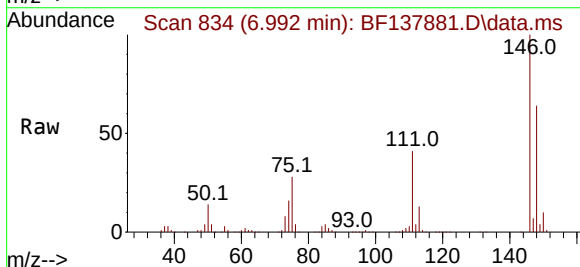
Instrument :
BNA_F
ClientSampleId :
PB160847BS

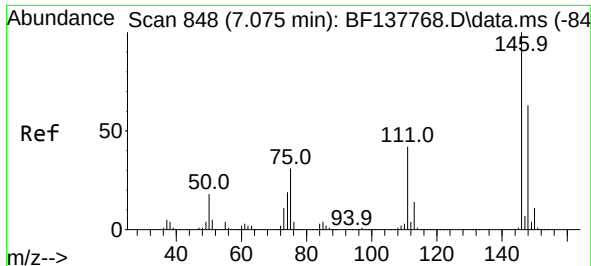
Tgt Ion: 93 Resp: 414830
Ion Ratio Lower Upper
93 100
63 70.7 51.6 91.6
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.802 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:146 Resp: 503825
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 27.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.292 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

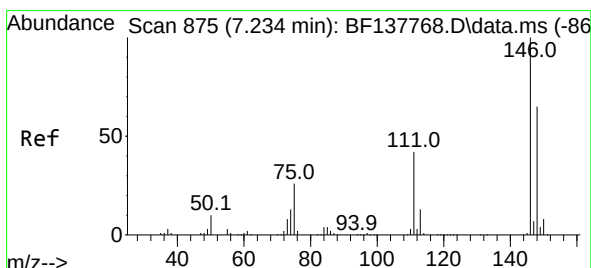
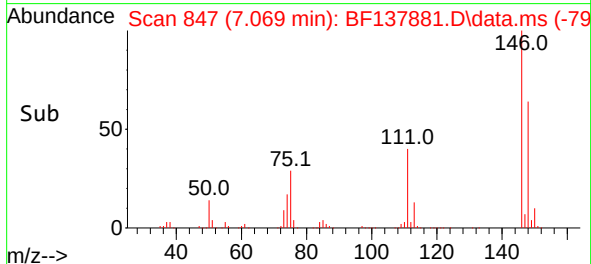
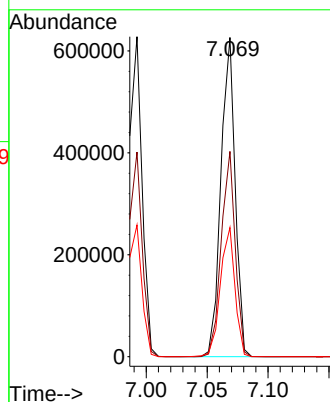
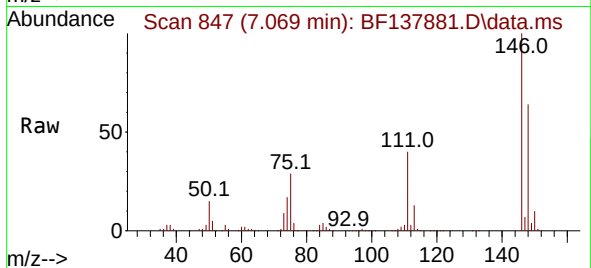
Tgt Ion:146 Resp: 511469

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 40.4 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 42.764 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

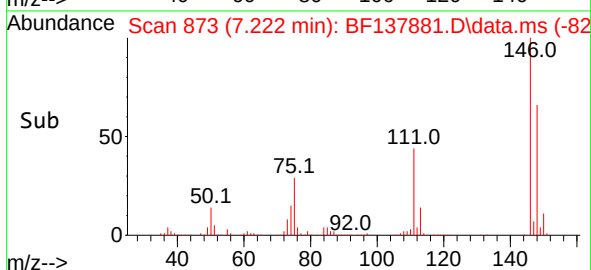
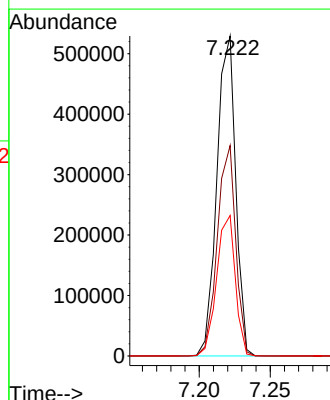
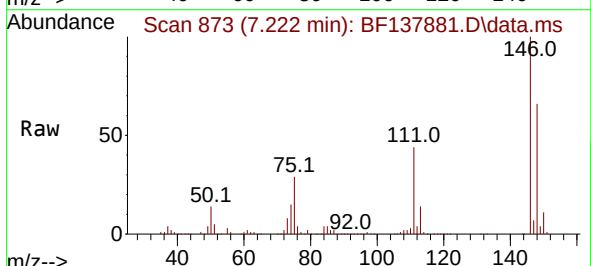
Tgt Ion:146 Resp: 487109

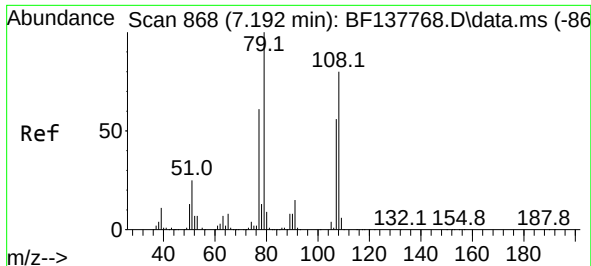
Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

111 43.9 33.6 50.4

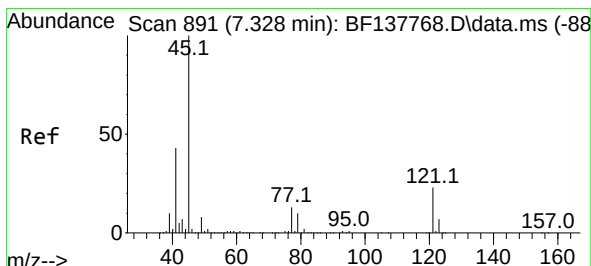
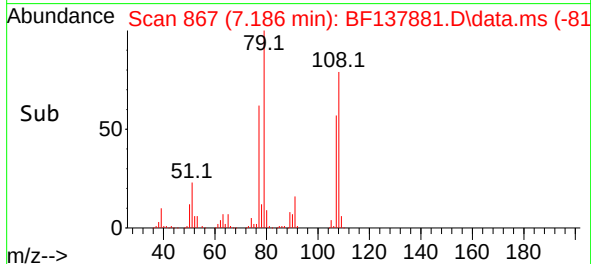
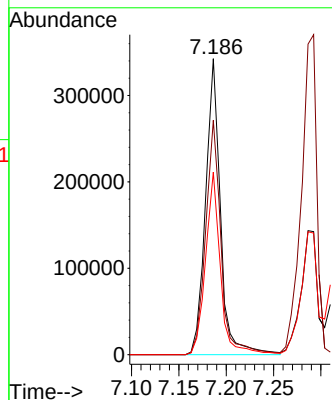
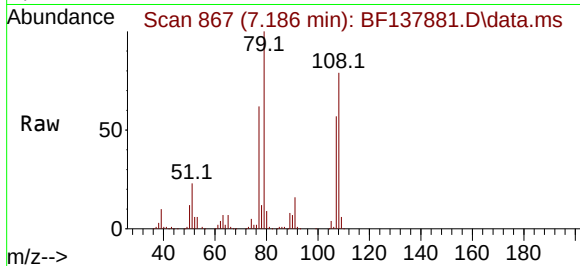




#15
Benzyl Alcohol
Concen: 43.612 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

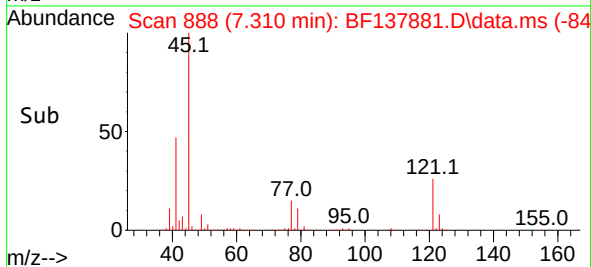
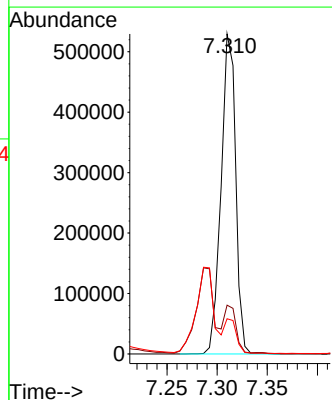
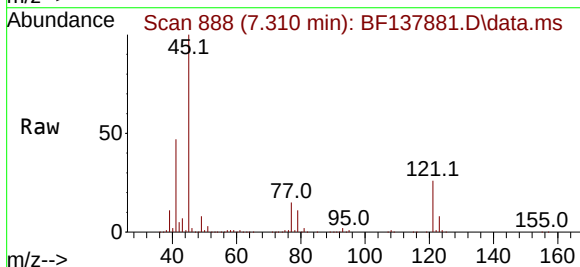
Instrument :
BNA_F
ClientSampleId :
PB160847BS

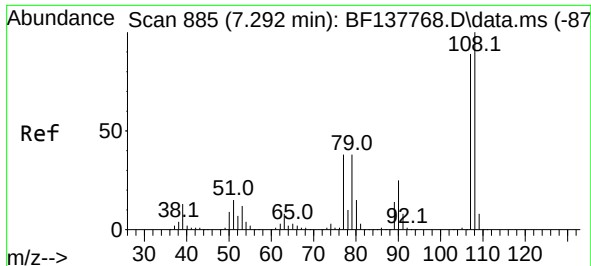
Tgt Ion: 79 Resp: 375183
Ion Ratio Lower Upper
79 100
108 79.2 64.2 96.2
77 61.7 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.152 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 45 Resp: 535243
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.8
79 11.0 0.0 31.0

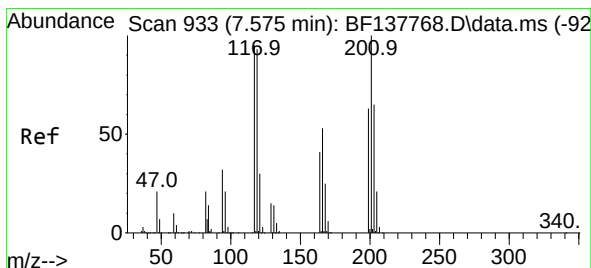
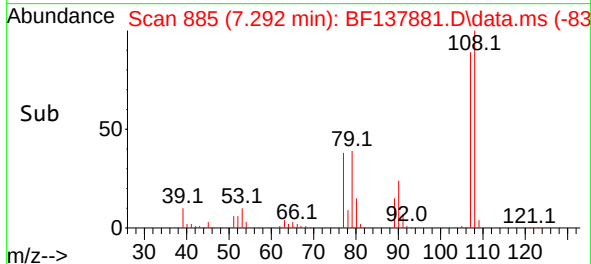
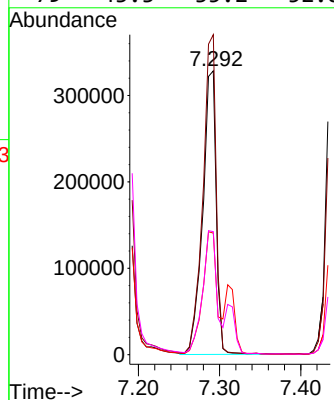
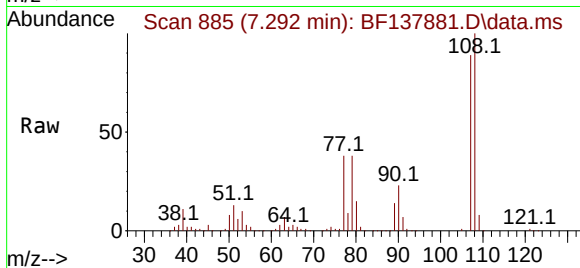




#17
2-Methylphenol
Concen: 44.074 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

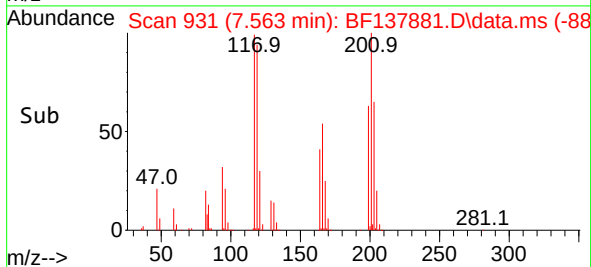
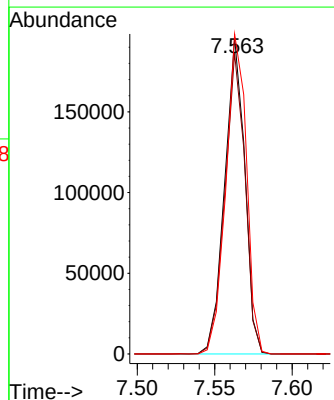
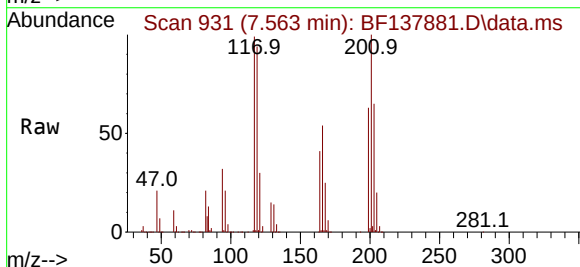
Instrument :
BNA_F
ClientSampleId :
PB160847BS

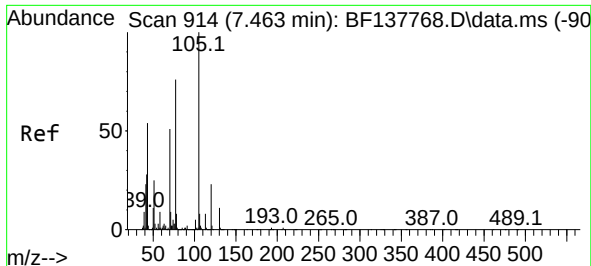
Tgt Ion:	107	Resp:	380112
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.5	135.7
77	42.9	34.5	51.7
79	43.3	35.2	52.8



#18
Hexachloroethane
Concen: 43.145 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:	117	Resp:	176396
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.6	116.4
201	101.1	83.8	125.8



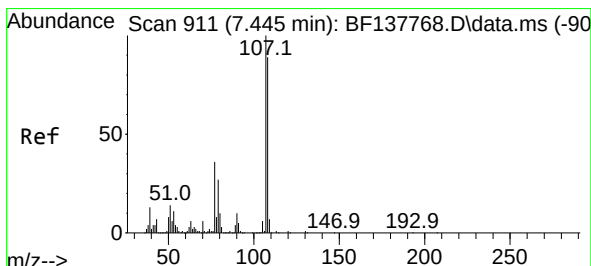
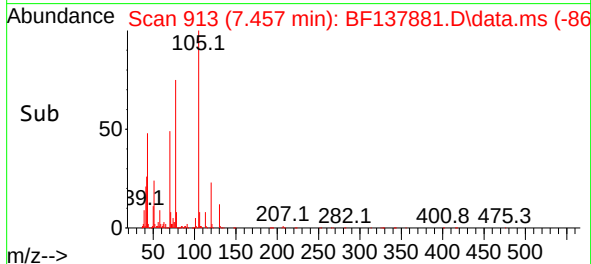
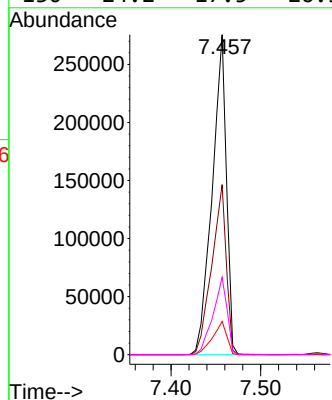
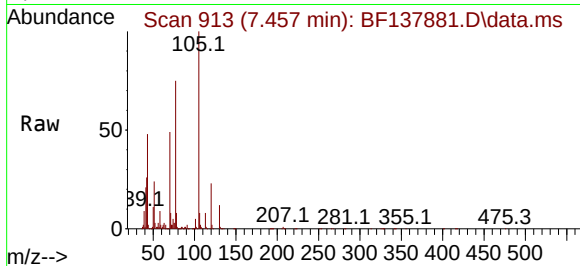


#19
n-Nitroso-di-n-propylamine
Concen: 40.850 ng
RT: 7.457 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB160847BS

Tgt Ion: 70 Resp: 303688

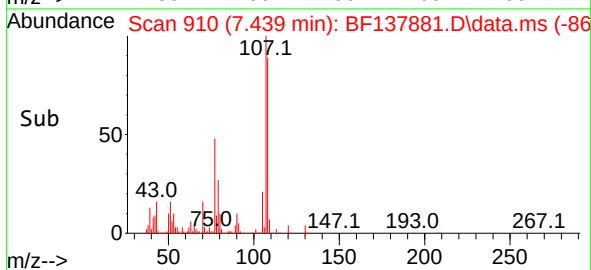
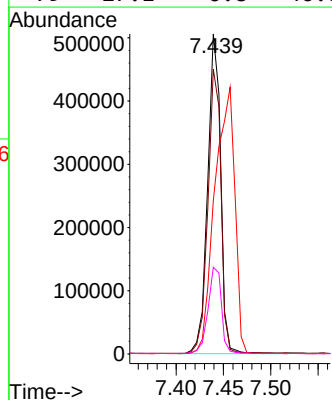
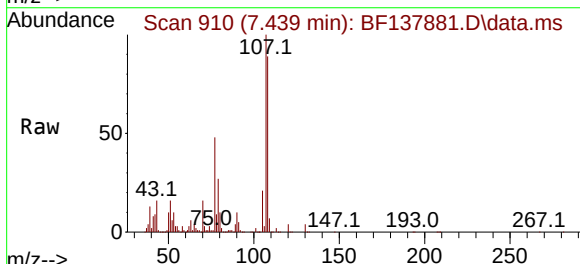
Ion	Ratio	Lower	Upper
70	100		
42	53.2	44.6	66.8
101	10.4	7.8	11.6
130	24.2	17.5	26.3

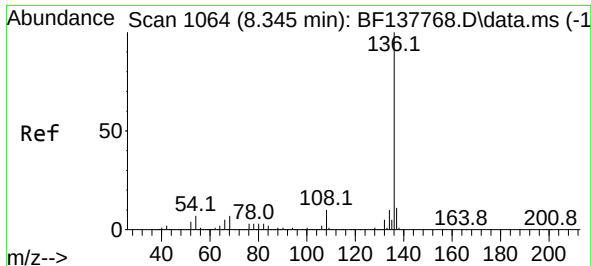


#20
3+4-Methylphenols
Concen: 42.568 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 107 Resp: 482997

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.3	109.3
77	47.9	15.7	55.7
79	27.1	6.8	46.8

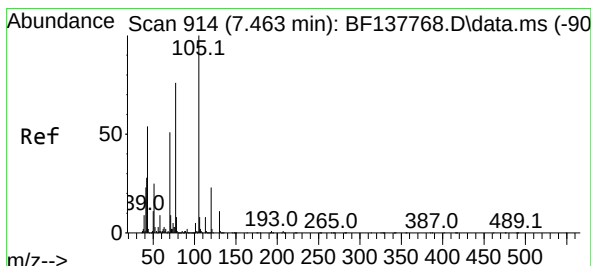
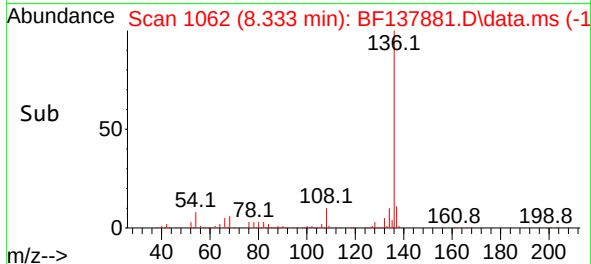
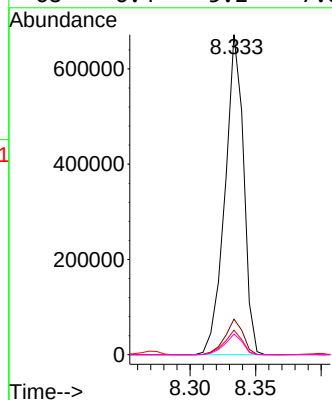
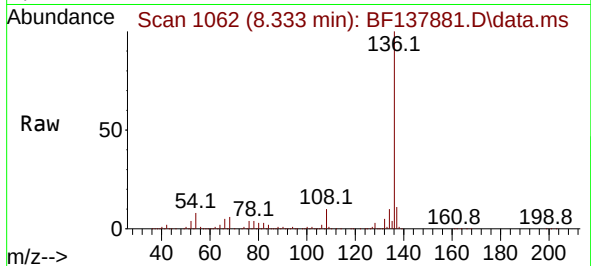




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

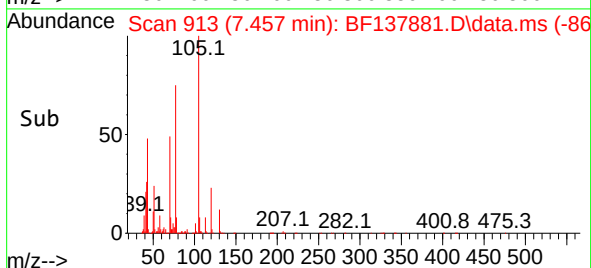
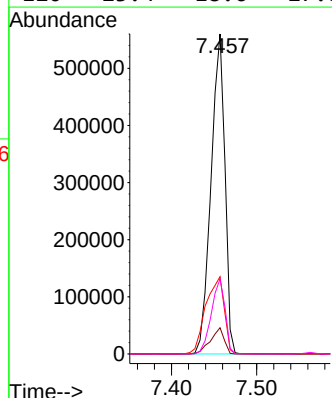
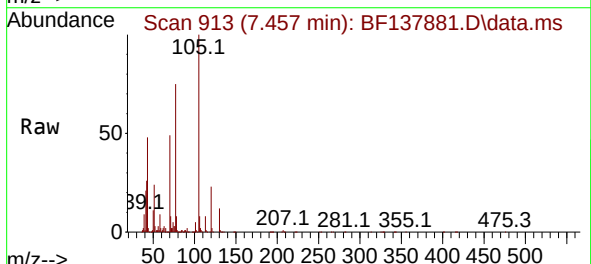
Instrument :
BNA_F
ClientSampleId :
PB160847BS

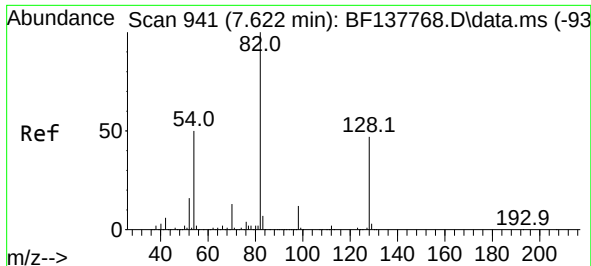
Tgt Ion:136 Resp: 662141
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 5.8 8.8
68 6.4 5.2 7.8



#22
Acetophenone
Concen: 42.556 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:105 Resp: 633741
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 24.2 20.2 30.2
120 23.4 18.6 27.8

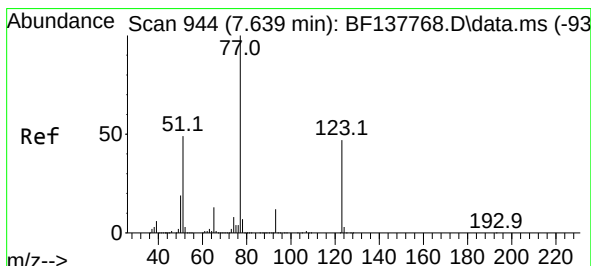
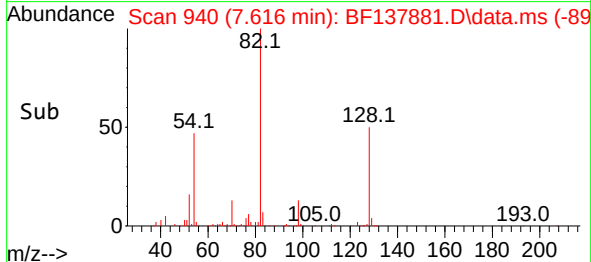
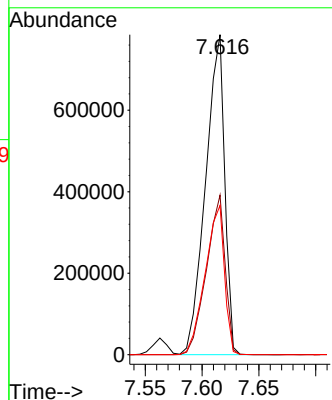
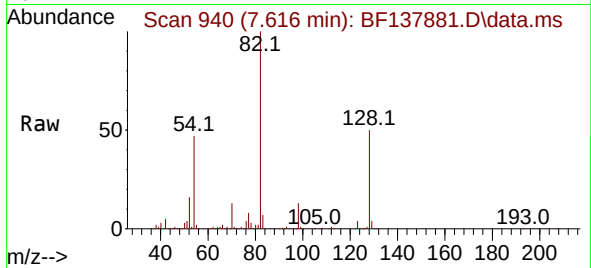




#23
Nitrobenzene-d5
Concen: 80.678 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

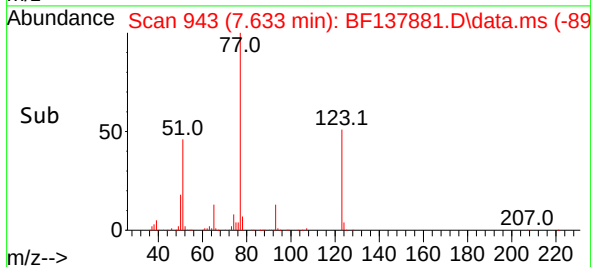
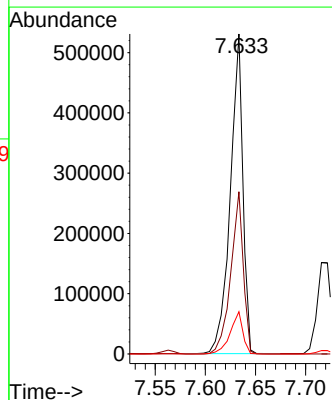
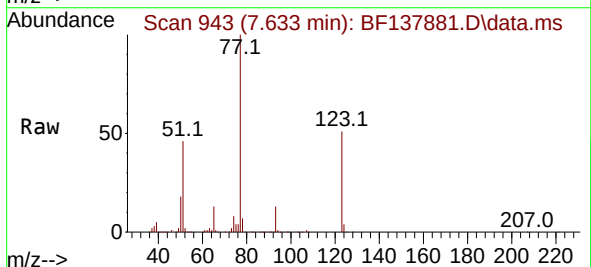
Instrument :
BNA_F
ClientSampleId :
PB160847BS

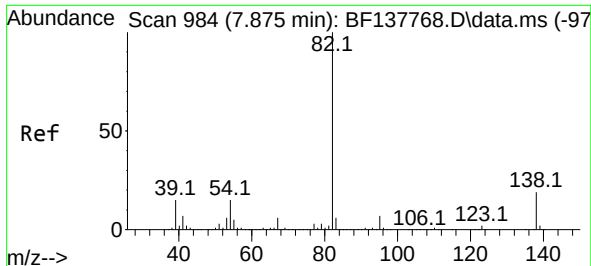
Tgt Ion: 82 Resp: 919480
Ion Ratio Lower Upper
82 100
128 49.9 37.5 56.3
54 46.6 39.8 59.6



#24
Nitrobenzene
Concen: 39.440 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 77 Resp: 463276
Ion Ratio Lower Upper
77 100
123 50.7 37.4 56.2
65 13.2 10.7 16.1

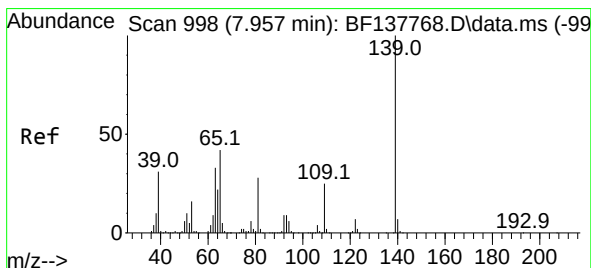
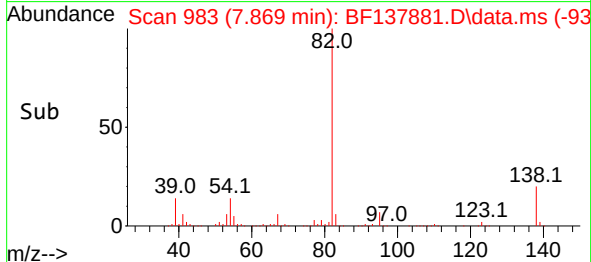
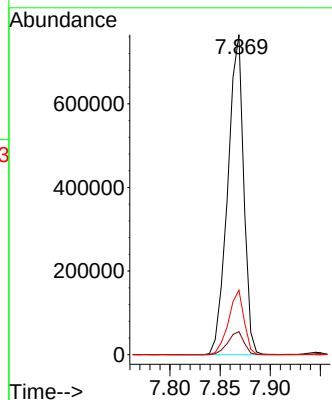
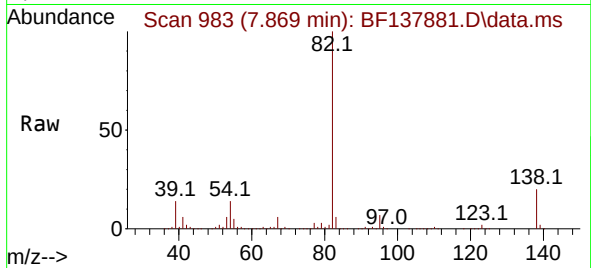




#25
Isophorone
Concen: 41.118 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

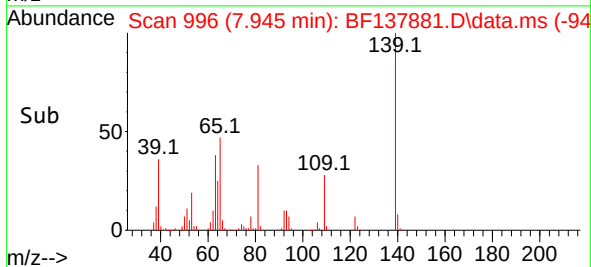
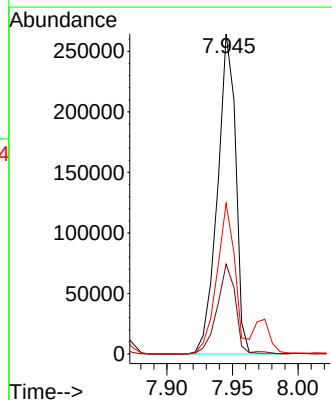
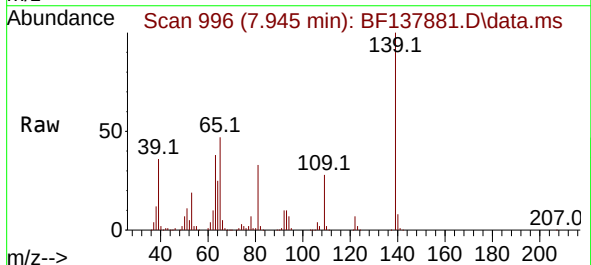
Instrument :
BNA_F
ClientSampleId :
PB160847BS

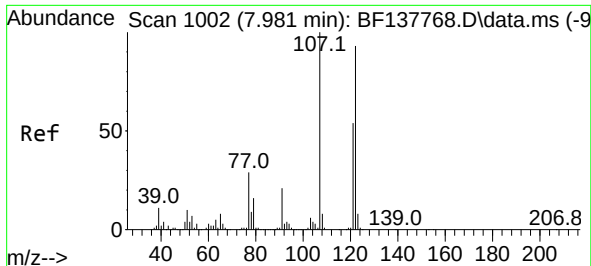
Tgt Ion: 82 Resp: 844915
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 20.2 15.0 22.6



#26
2-Nitrophenol
Concen: 47.996 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:139 Resp: 255303
Ion Ratio Lower Upper
139 100
109 28.0 20.2 30.2
65 47.1 33.4 50.0

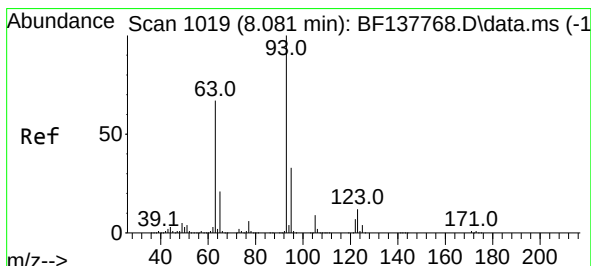
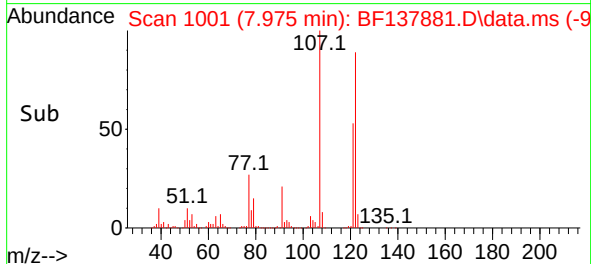
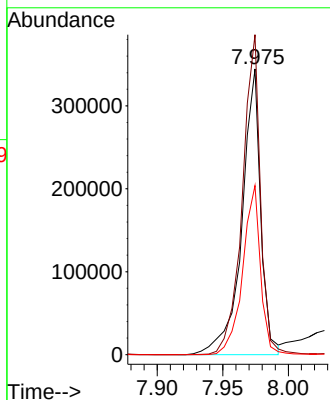
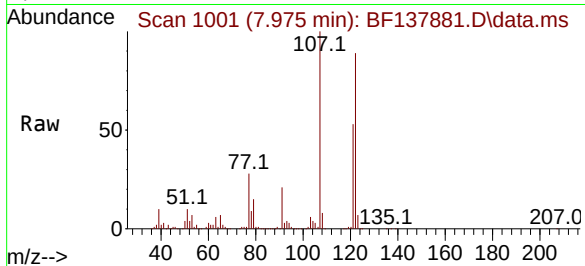




#27
2,4-Dimethylphenol
Concen: 45.052 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

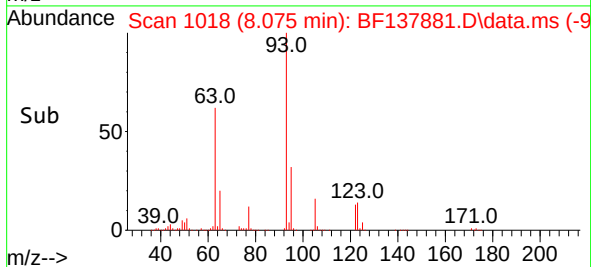
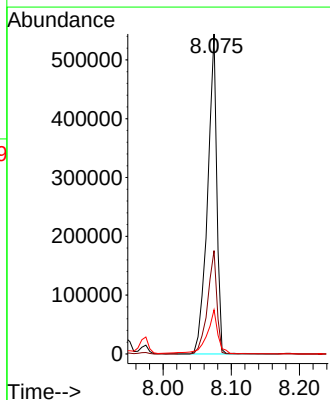
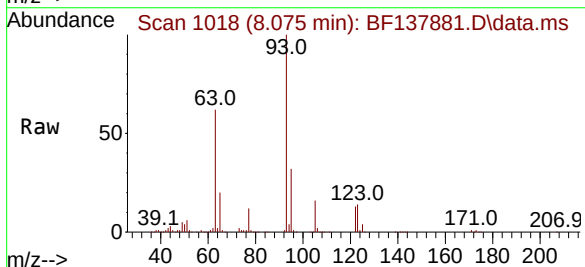
Instrument :
BNA_F
ClientSampleId :
PB160847BS

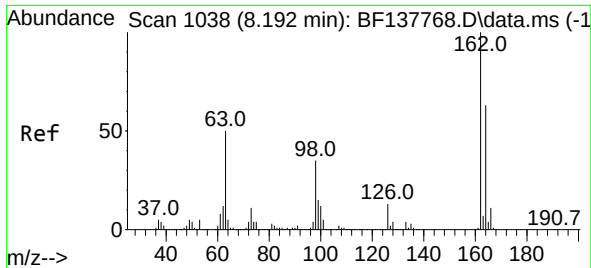
Tgt Ion:122 Resp: 345001
Ion Ratio Lower Upper
122 100
107 112.0 85.8 128.8
121 59.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.151 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 93 Resp: 511983
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 13.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.797 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

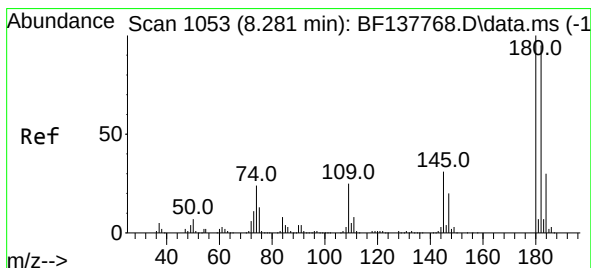
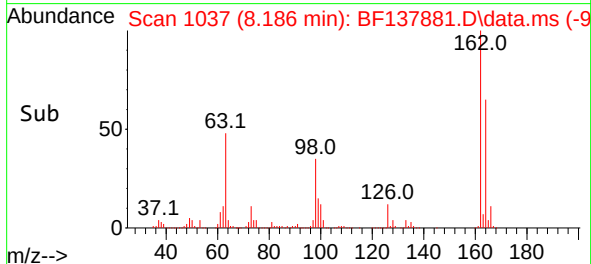
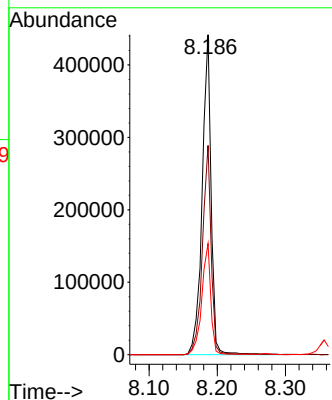
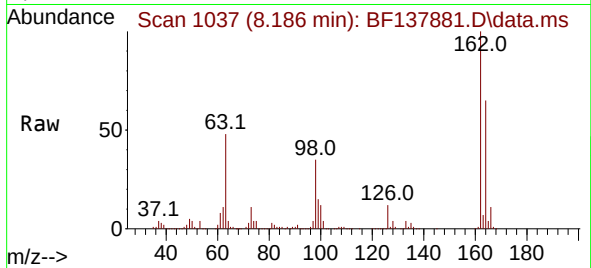
Tgt Ion:162 Resp: 405382

Ion Ratio Lower Upper

162 100

164 65.4 43.5 83.5

98 34.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 42.244 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

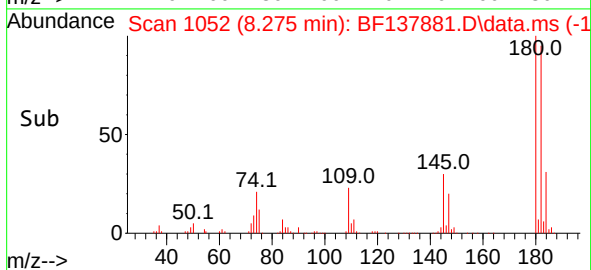
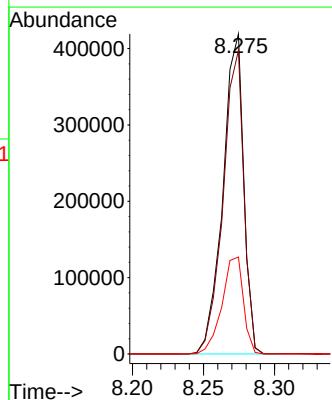
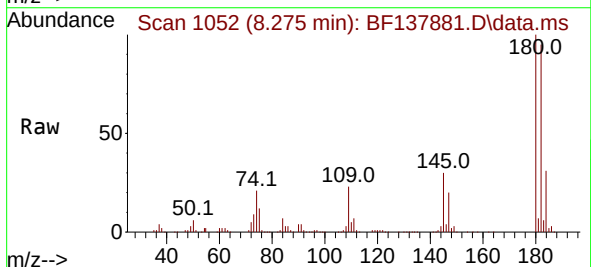
Tgt Ion:180 Resp: 426261

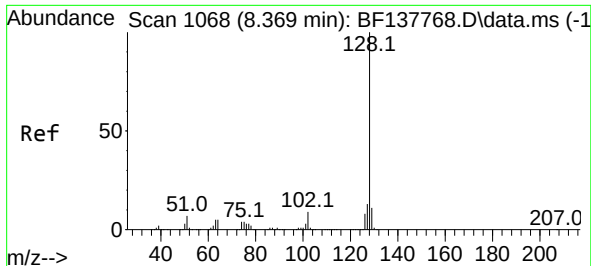
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 30.3 25.1 37.7

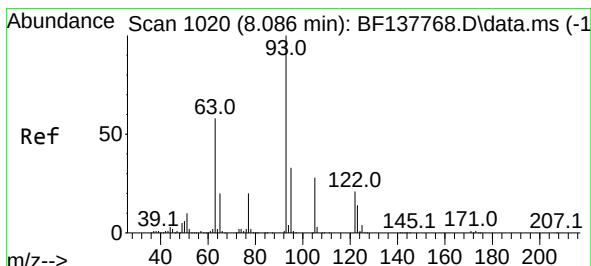
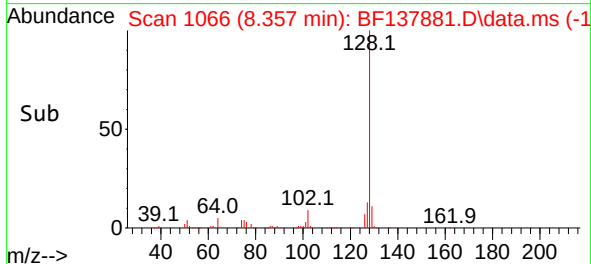
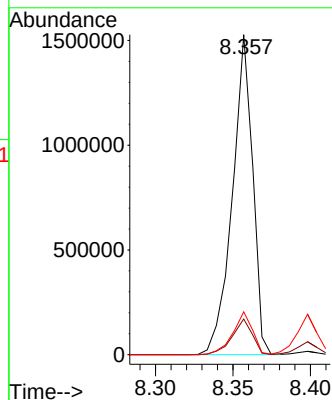
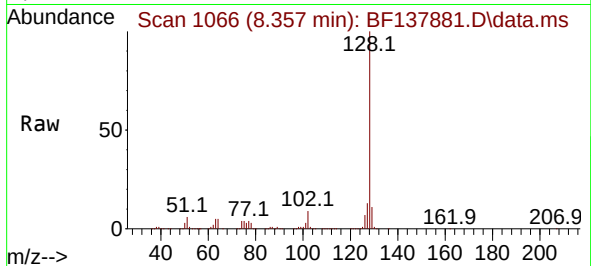




#31
Naphthalene
Concen: 42.283 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

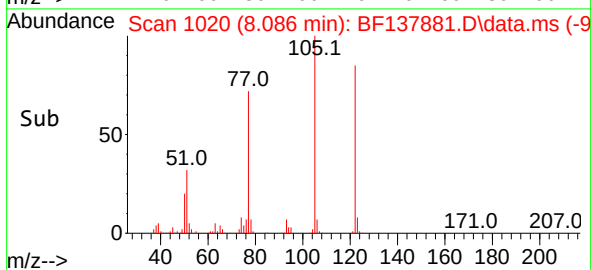
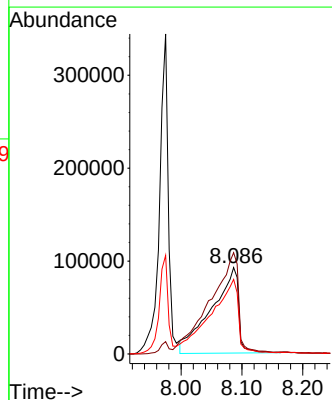
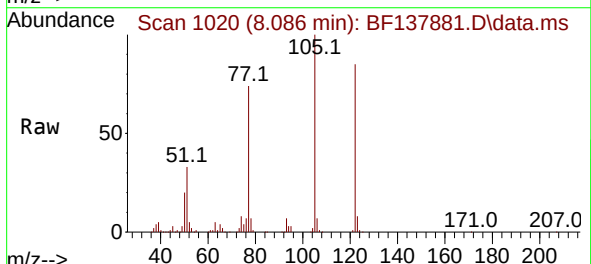
Instrument :
BNA_F
ClientSampleId :
PB160847BS

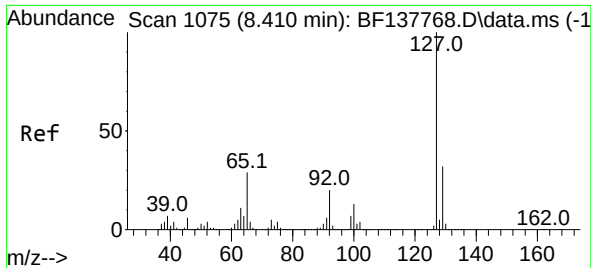
Tgt Ion:128 Resp: 1391359
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.085 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:122 Resp: 284636
Ion Ratio Lower Upper
122 100
105 117.2 105.3 145.3
77 86.3 73.2 113.2

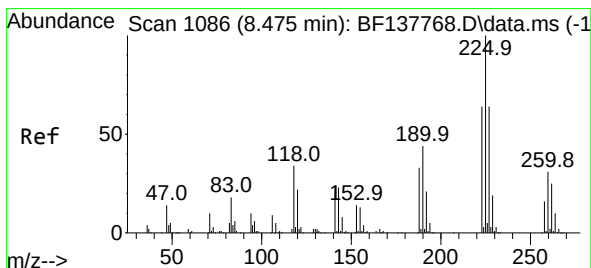
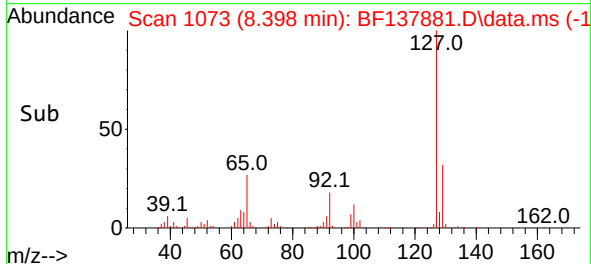
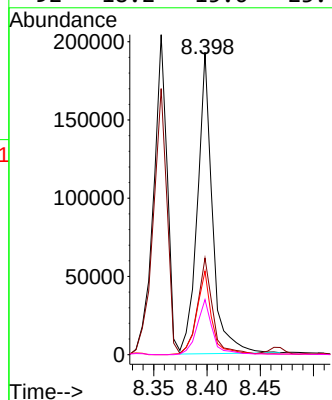
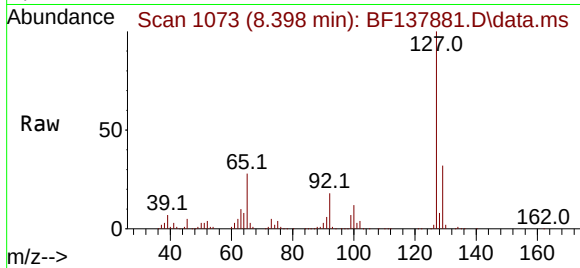




#33
4-Chloroaniline
Concen: 15.410 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

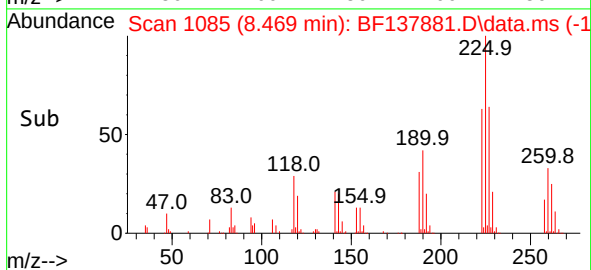
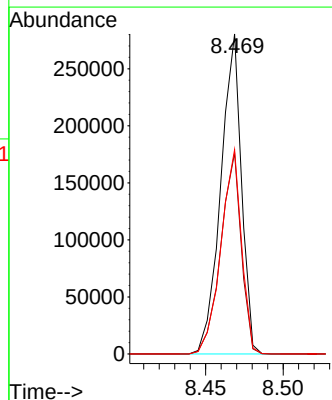
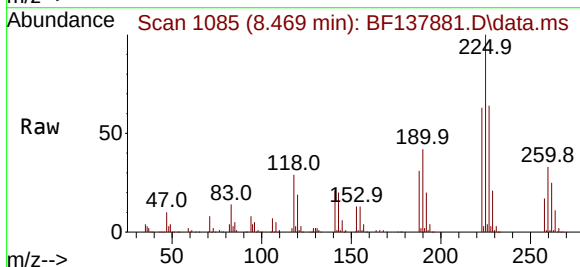
Instrument :
BNA_F
ClientSampleId :
PB160847BS

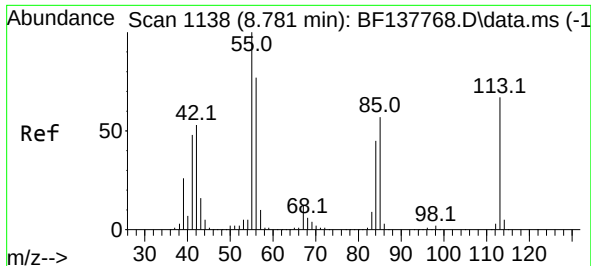
Tgt Ion:127	Resp: 188031
Ion Ratio	Lower Upper
127 100	
129 32.0	25.7 38.5
65 27.6	23.4 35.2
92 18.2	15.6 23.4



#34
Hexachlorobutadiene
Concen: 41.913 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt	Ion:225	Resp:	259651
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	63.9	51.4	77.0

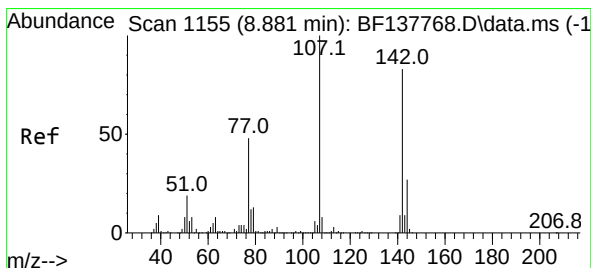
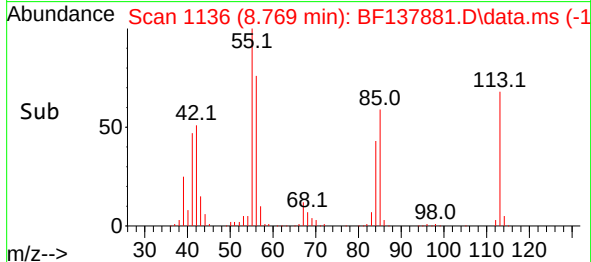
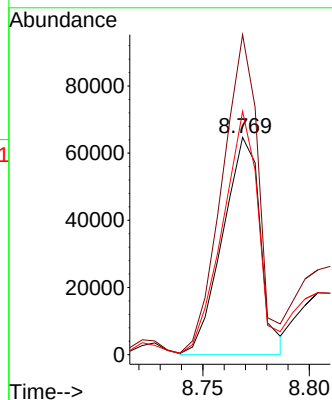
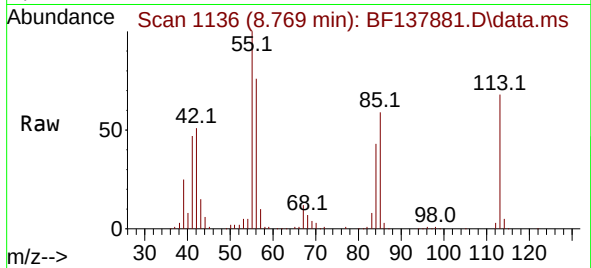




#35
 Caprolactam
 Concen: 27.115 ng
 RT: 8.769 min Scan# 1136
 Delta R.T. -0.012 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

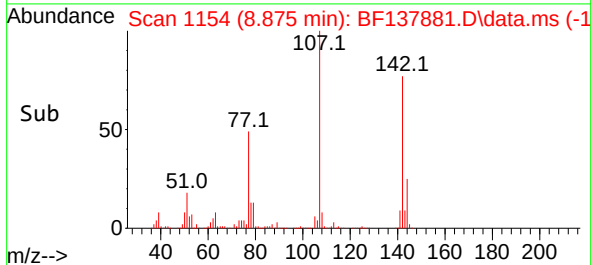
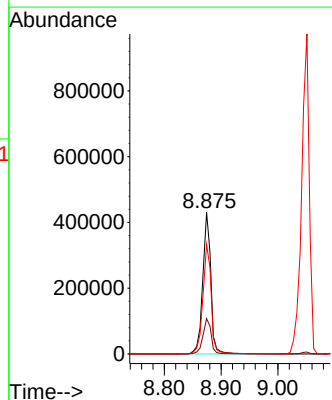
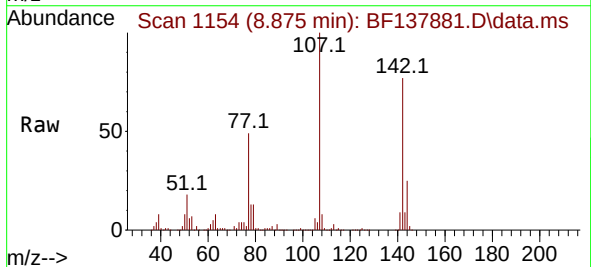
Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS

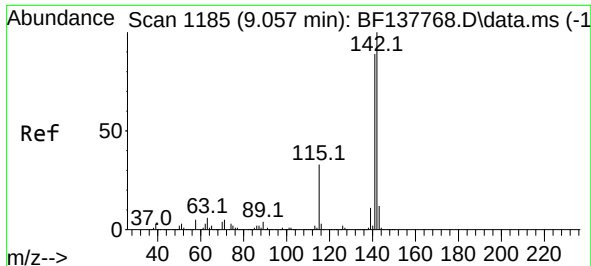
Tgt Ion:113 Resp: 79520
 Ion Ratio Lower Upper
 113 100
 55 147.3 128.7 168.7
 56 112.0 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.216 ng
 RT: 8.875 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion:107 Resp: 426796
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.4 32.0
 142 77.3 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.652 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

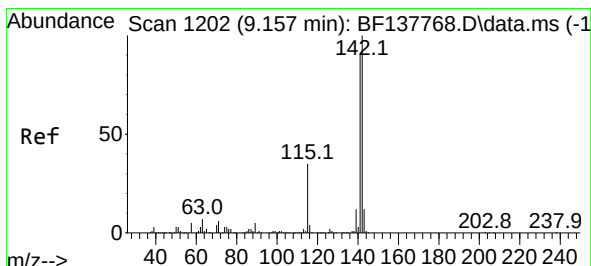
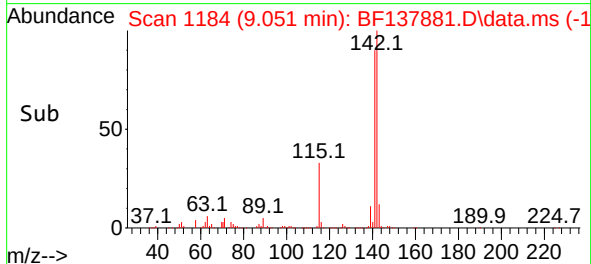
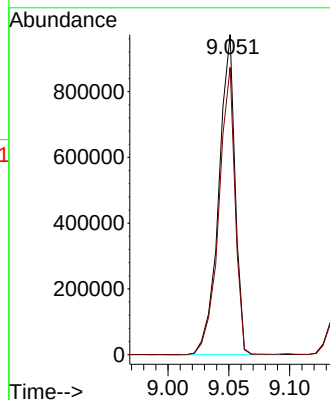
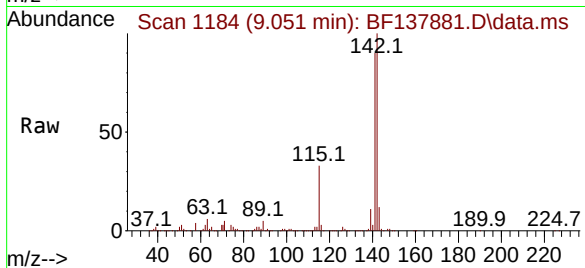
PB160847BS

Tgt Ion:142 Resp: 908479

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.727 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137881.D

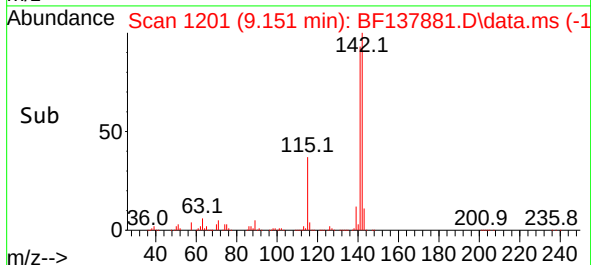
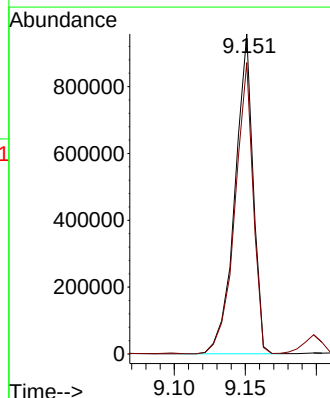
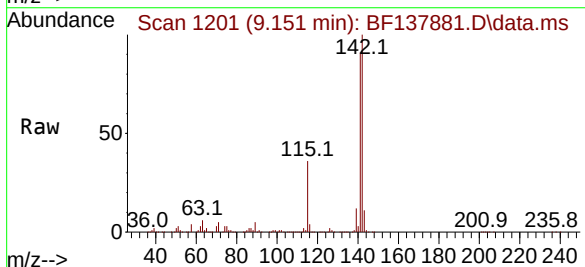
Acq: 10 May 2024 15:17

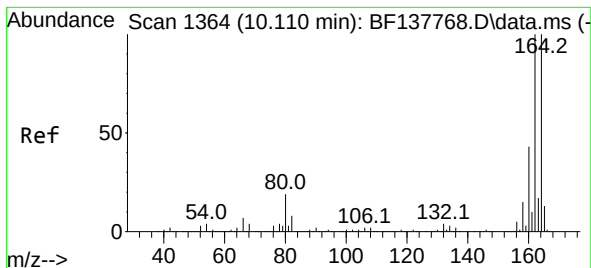
Tgt Ion:142 Resp: 853456

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

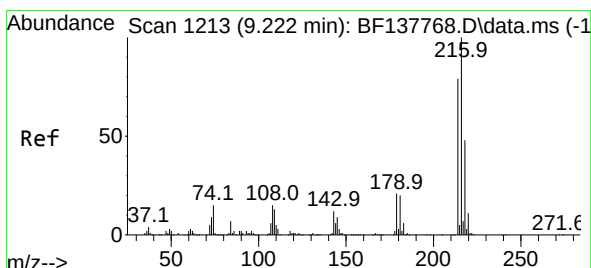
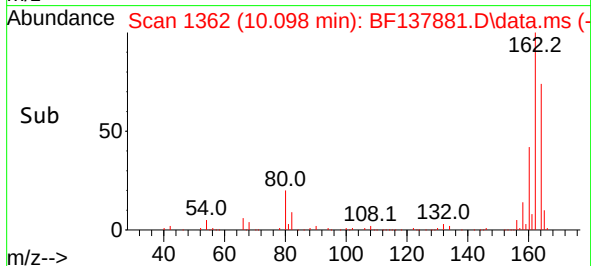
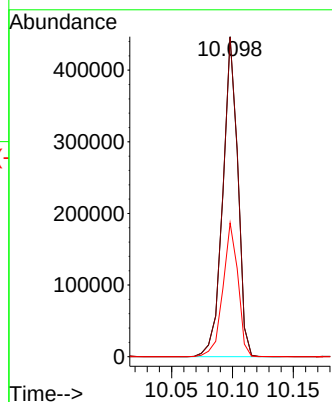
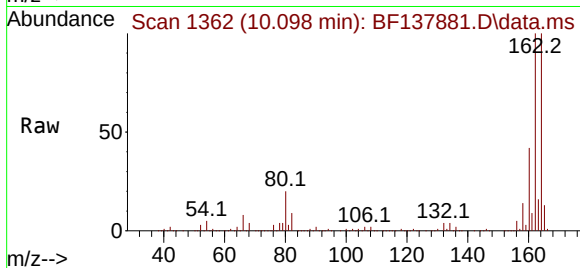
Tgt Ion:164 Resp: 382223

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.6

160 41.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.744 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Tgt Ion:216 Resp: 432711

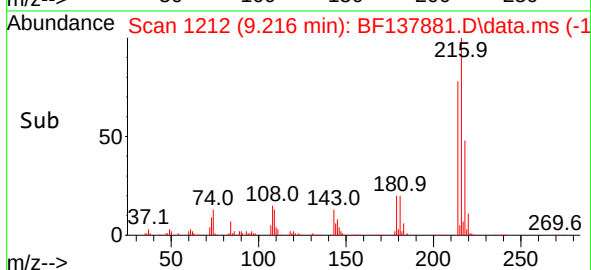
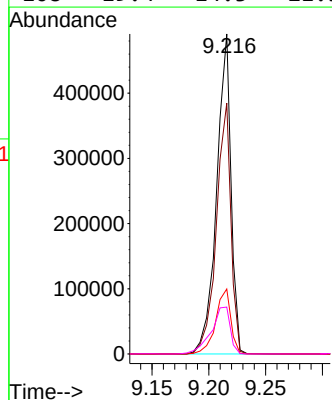
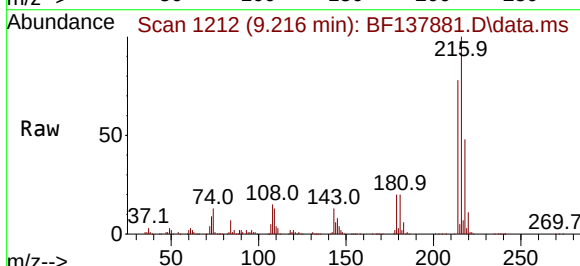
Ion Ratio Lower Upper

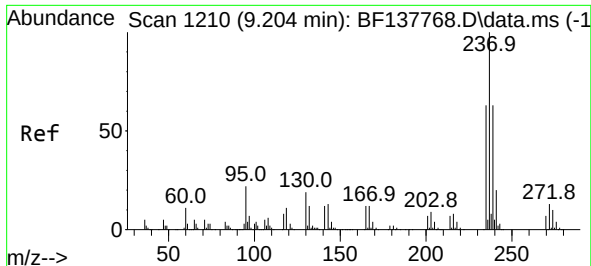
216 100

214 79.2 63.3 94.9

179 21.3 16.8 25.2

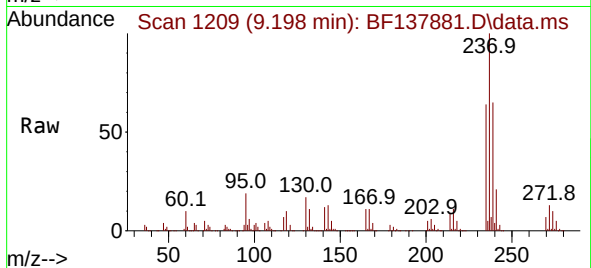
108 19.4 14.3 21.5



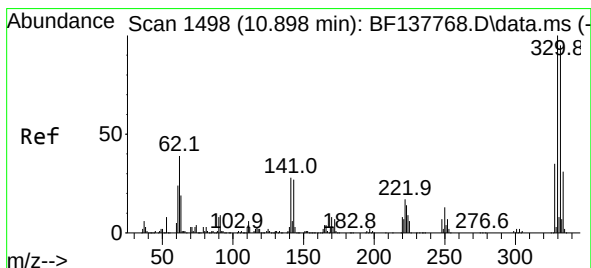
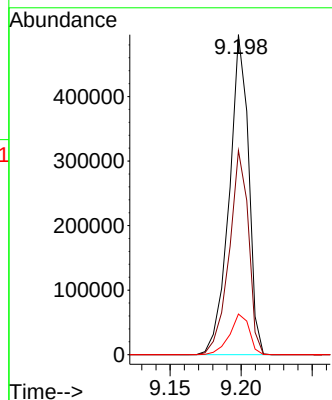
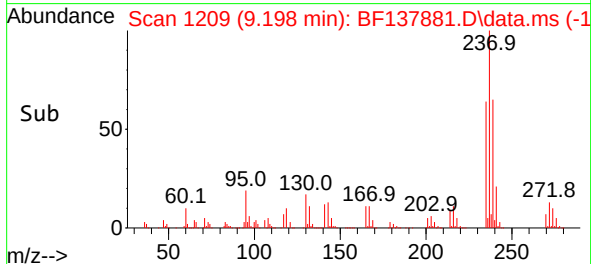


#41
Hexachlorocyclopentadiene
Concen: 114.353 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

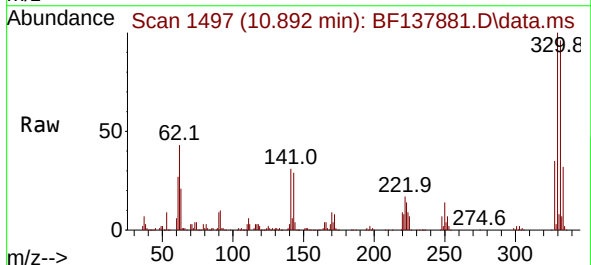
Instrument :
BNA_F
ClientSampleId :
PB160847BS



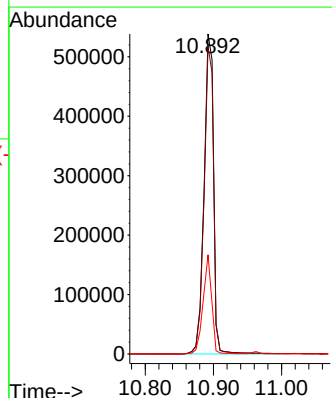
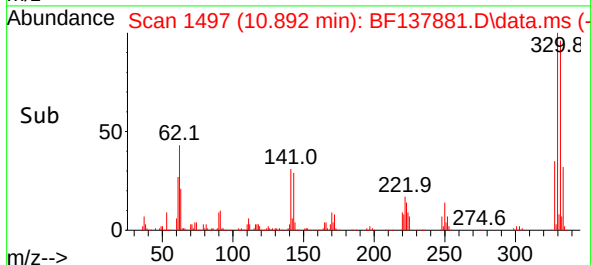
Tgt Ion:237 Resp: 470204
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 12.7 0.0 32.8

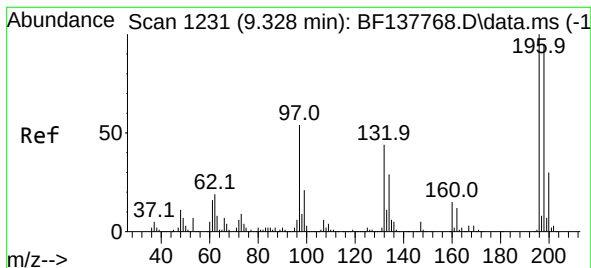


#42
2,4,6-Tribromophenol
Concen: 134.103 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:330 Resp: 523351
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 28.1 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 42.887 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

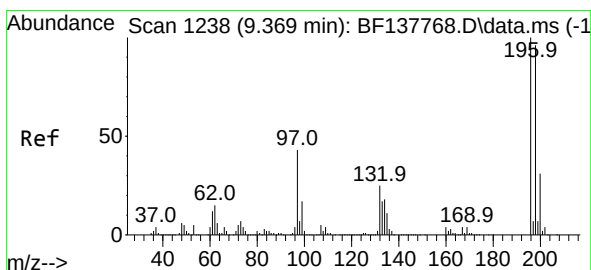
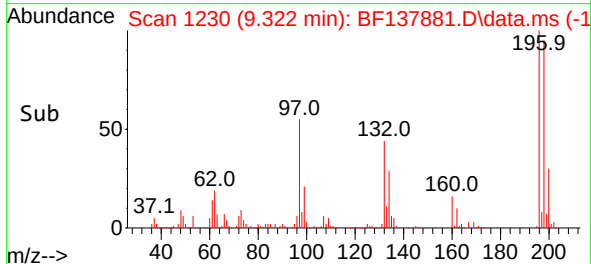
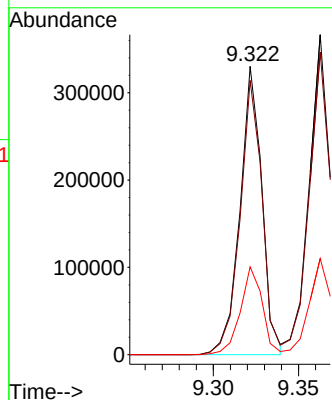
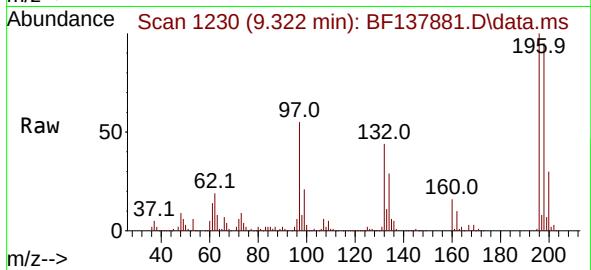
Tgt Ion:196 Resp: 295537

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.4

200 30.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 42.748 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Tgt Ion:196 Resp: 325274

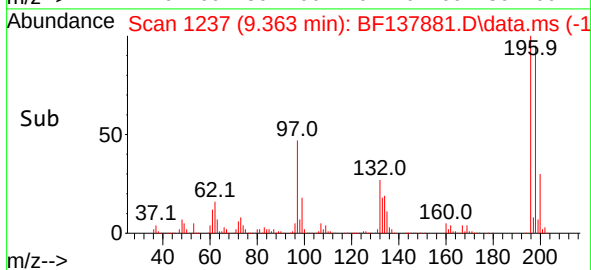
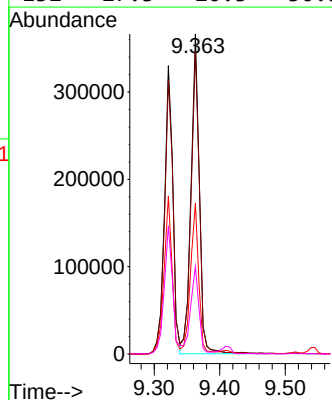
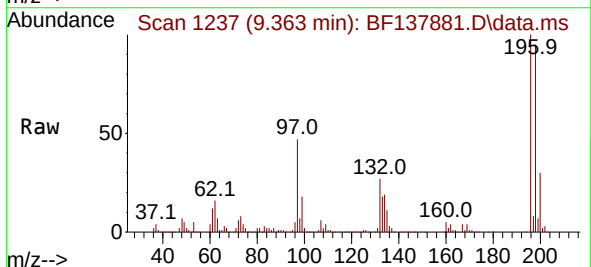
Ion Ratio Lower Upper

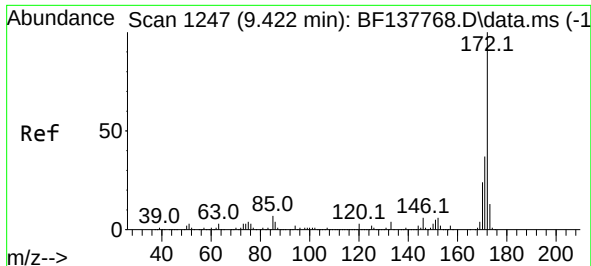
196 100

198 94.5 76.6 114.8

97 47.0 34.5 51.7

132 27.3 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 82.995 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

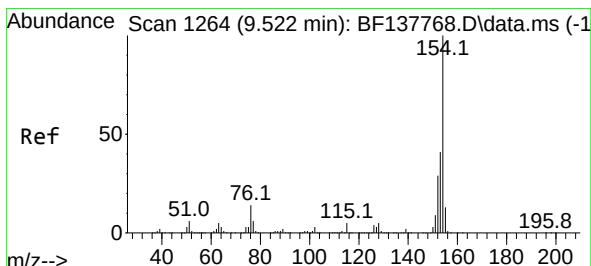
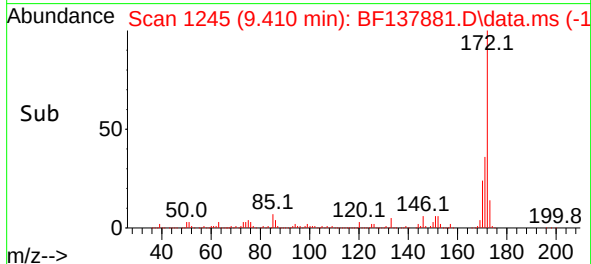
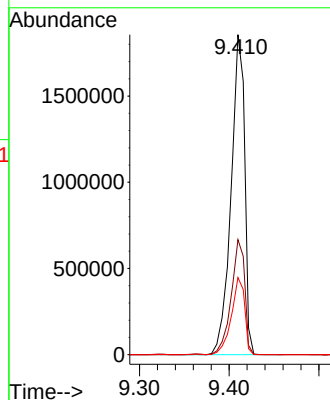
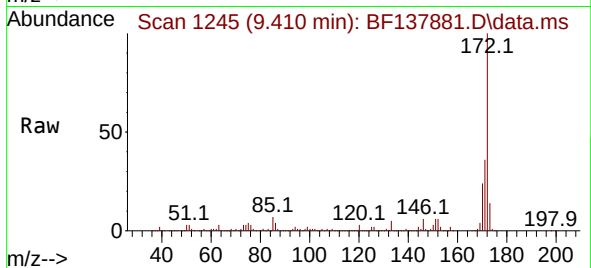
Tgt Ion:172 Resp: 1955341

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 42.785 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

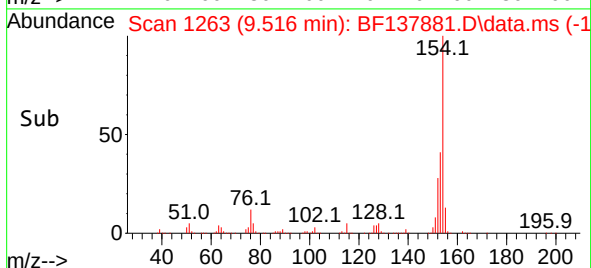
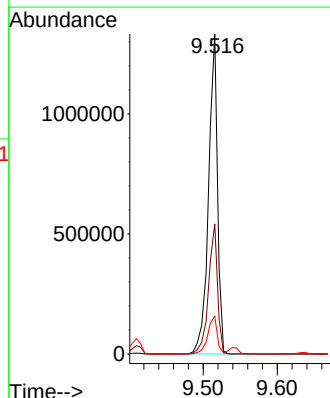
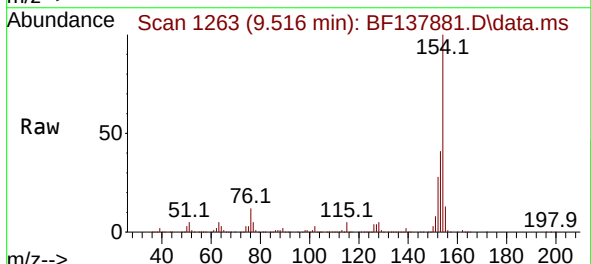
Tgt Ion:154 Resp: 1122298

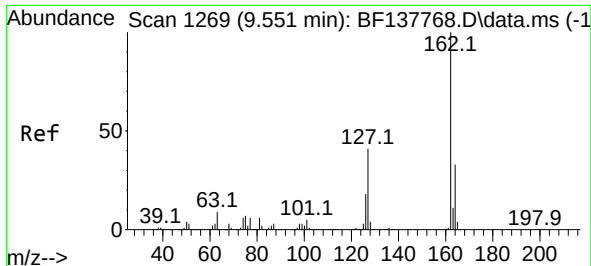
Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

76 11.7 0.0 33.5

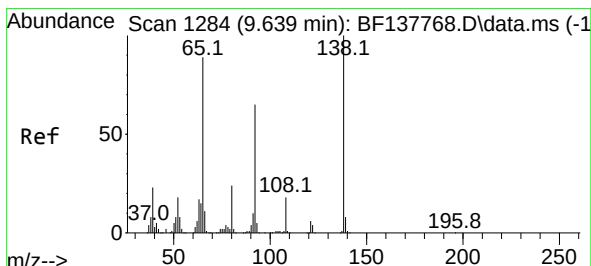
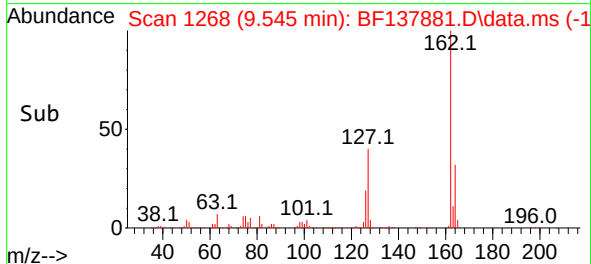
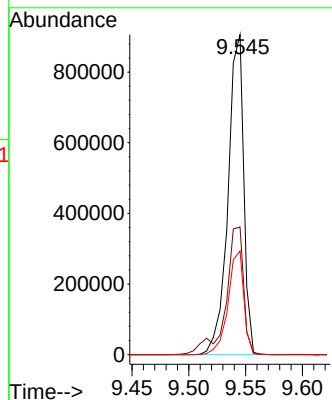
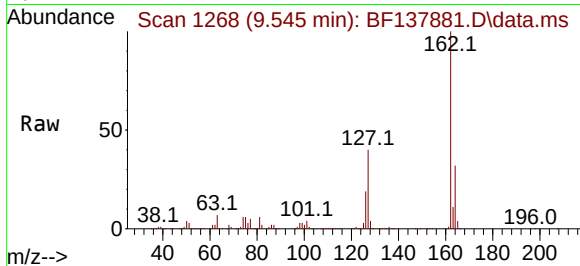




#47
2-Chloronaphthalene
Concen: 41.226 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

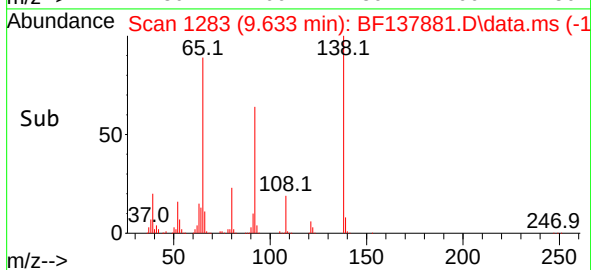
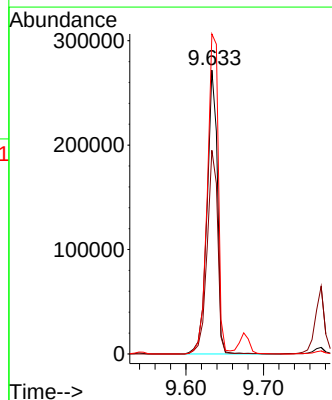
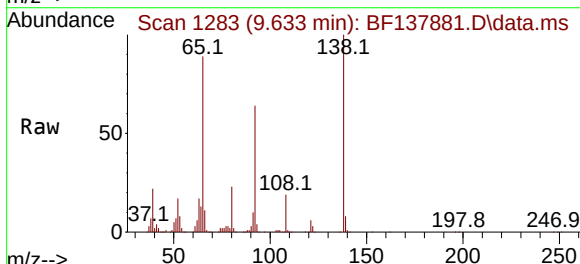
Instrument :
BNA_F
ClientSampleId :
PB160847BS

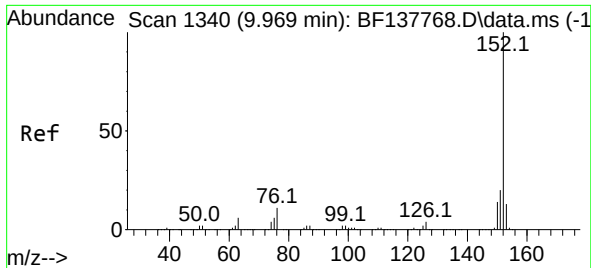
Tgt Ion:162 Resp: 873080
Ion Ratio Lower Upper
162 100
127 39.9 32.6 49.0
164 32.4 26.5 39.7



#48
2-Nitroaniline
Concen: 43.939 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 65 Resp: 252368
Ion Ratio Lower Upper
65 100
92 71.7 58.6 88.0
138 112.7 90.3 135.5





#49

Acenaphthylene

Concen: 45.719 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

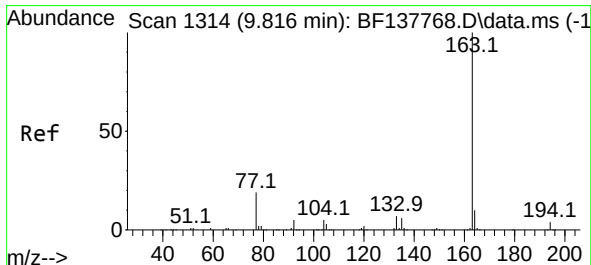
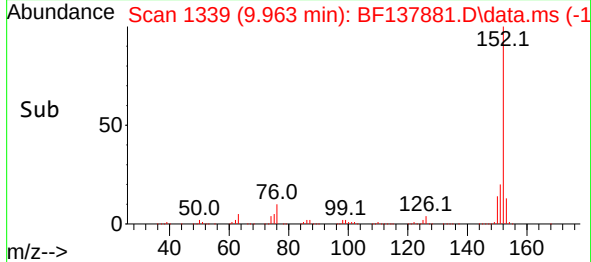
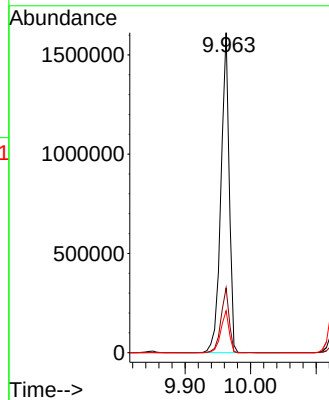
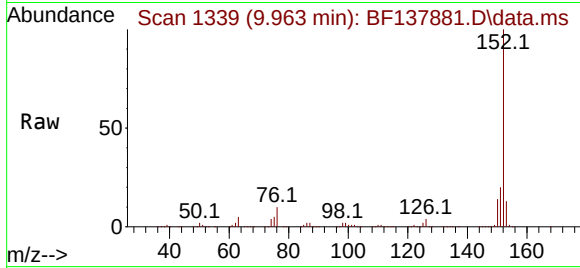
Tgt Ion:152 Resp: 1400623

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 43.148 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

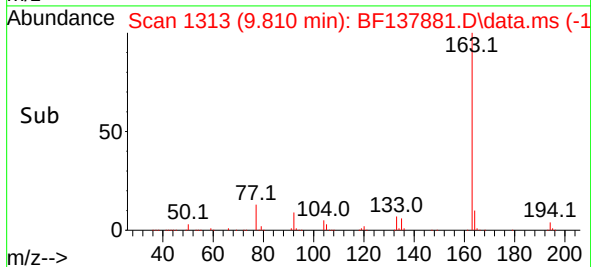
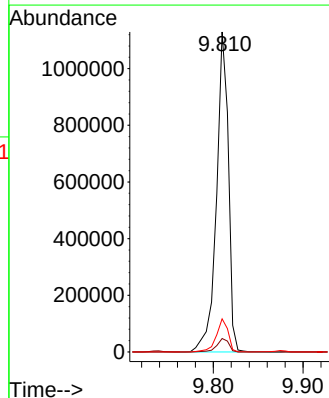
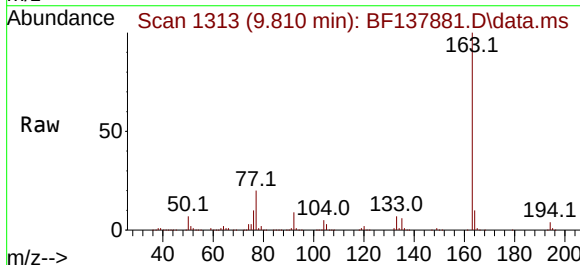
Tgt Ion:163 Resp: 1041130

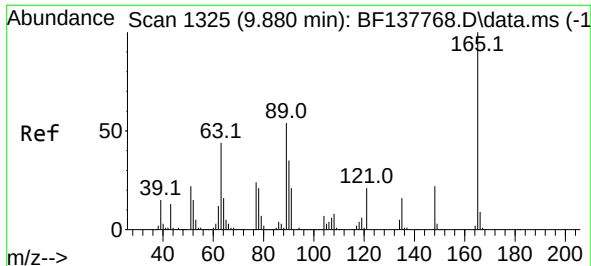
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.3 12.5

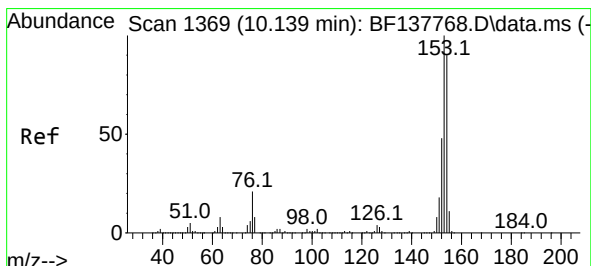
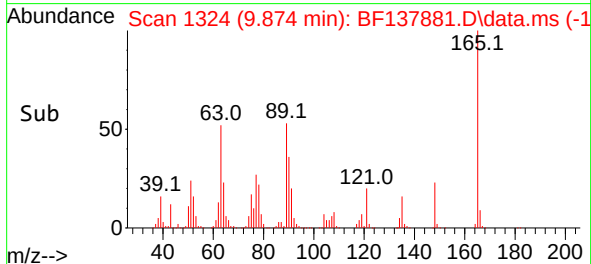
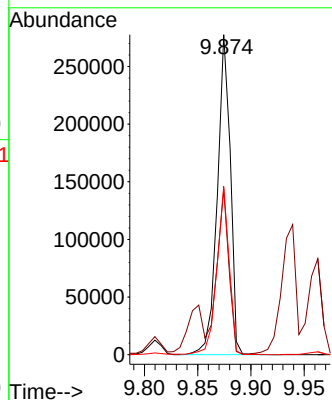
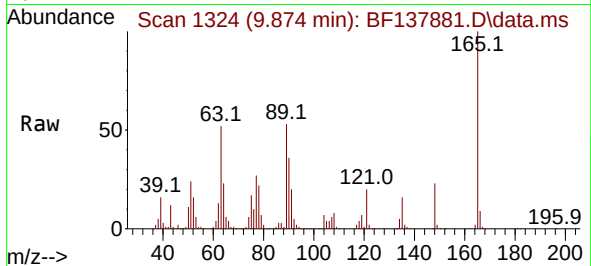




#51
2,6-Dinitrotoluene
Concen: 42.560 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

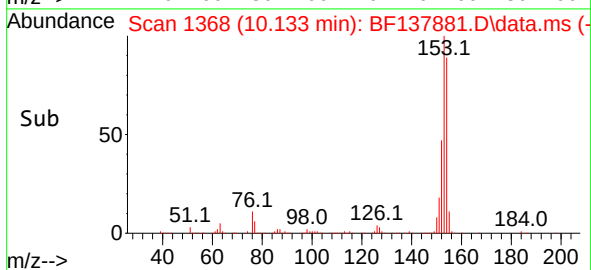
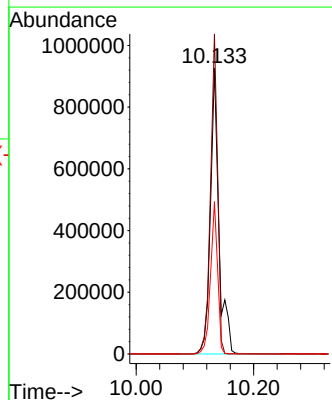
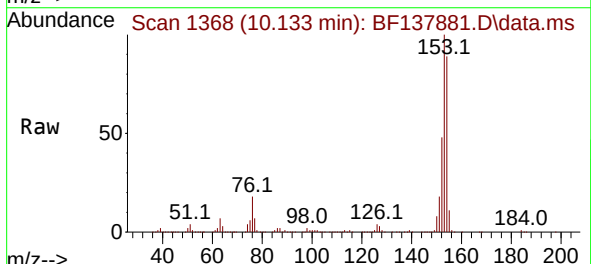
Instrument :
BNA_F
ClientSampleId :
PB160847BS

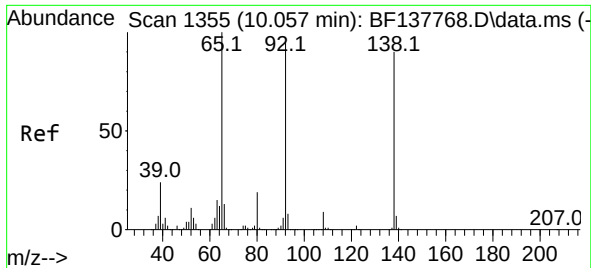
Tgt Ion:165 Resp: 234692
Ion Ratio Lower Upper
165 100
63 51.8 41.9 62.9
89 52.6 43.2 64.8



#52
Acenaphthene
Concen: 46.168 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:154 Resp: 937510
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 53.3 42.8 64.2

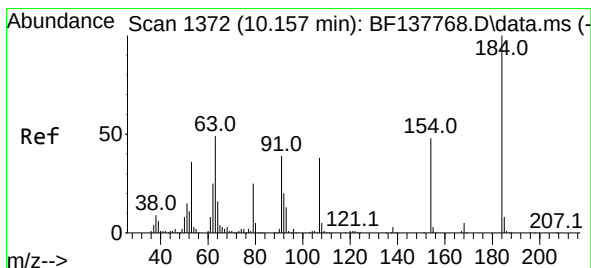
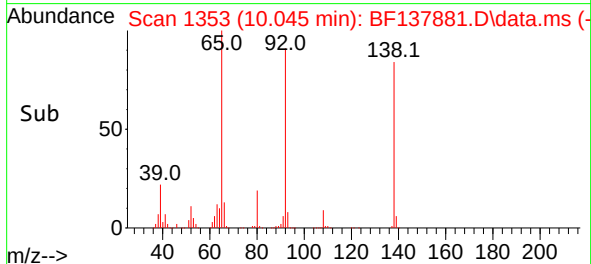
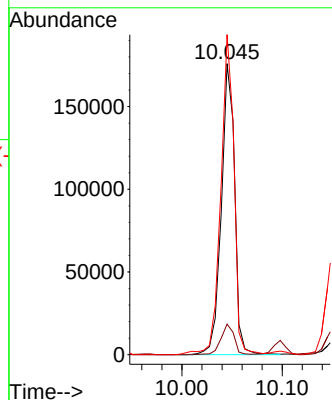
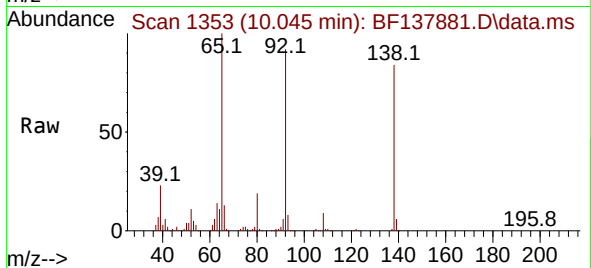




#53
3-Nitroaniline
Concen: 28.032 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

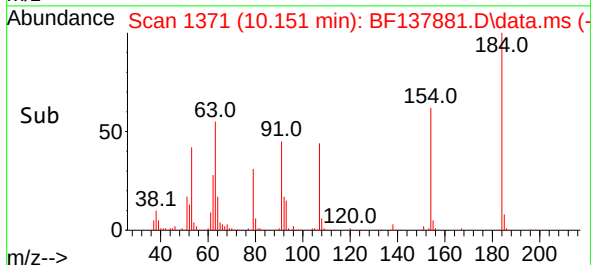
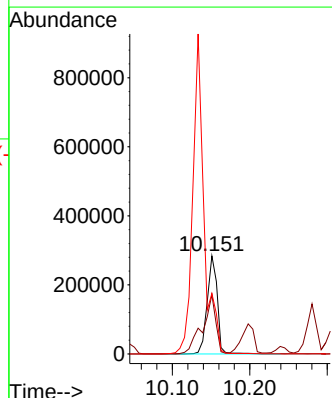
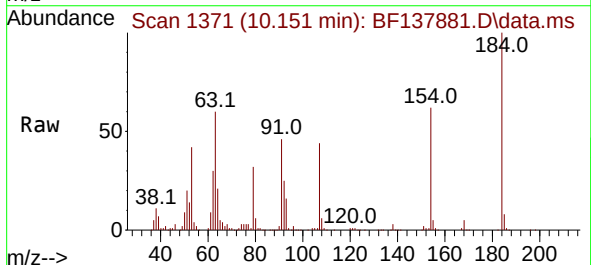
Instrument :
BNA_F
ClientSampleId :
PB160847BS

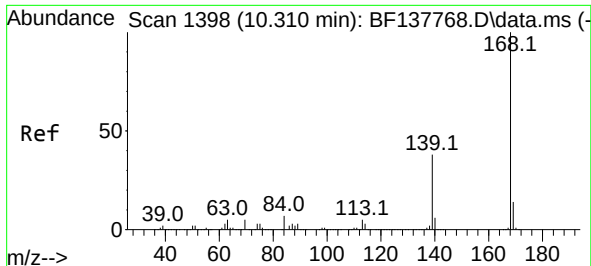
Tgt Ion:138 Resp: 161874
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 109.9 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 94.815 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:184 Resp: 256901
Ion Ratio Lower Upper
184 100
63 60.4 40.3 60.5
154 61.7 45.2 67.8

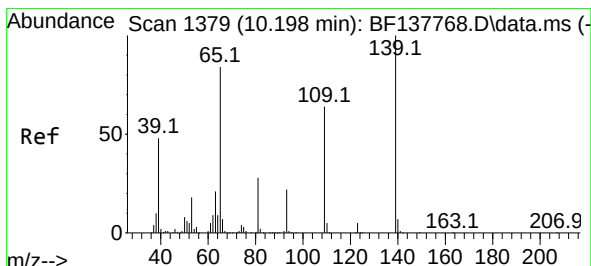
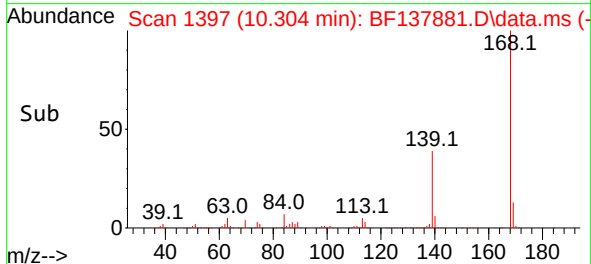
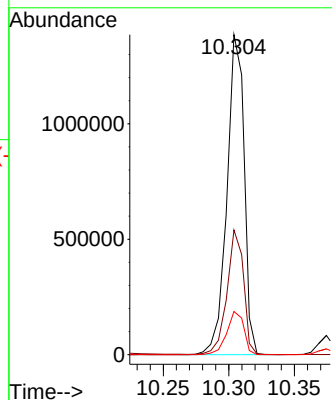
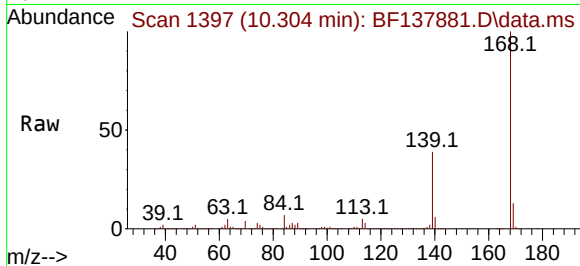




#55
Dibenzenofuran
Concen: 42.826 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

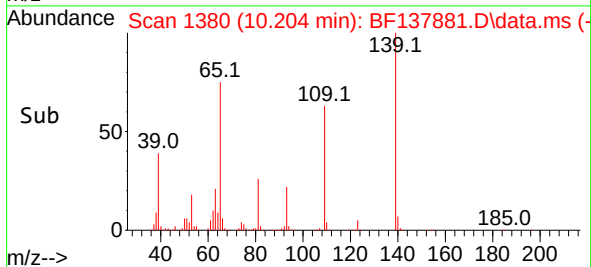
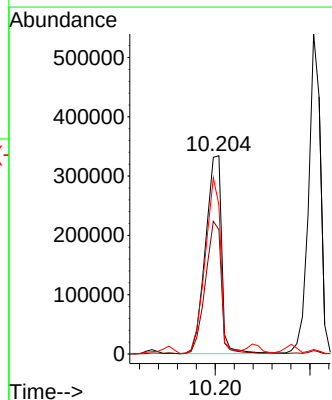
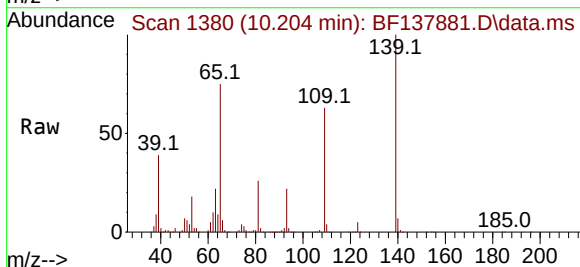
Instrument :
BNA_F
ClientSampleId :
PB160847BS

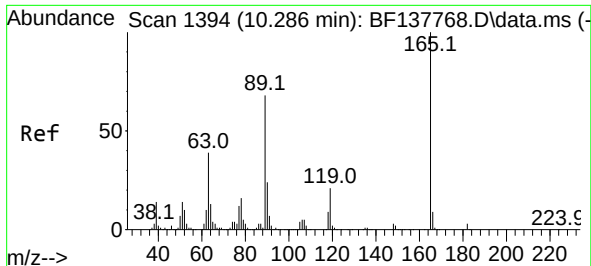
Tgt Ion:168 Resp: 1265525
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 13.5 11.4 17.0



#56
4-Nitrophenol
Concen: 82.953 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:139 Resp: 397017
Ion Ratio Lower Upper
139 100
109 62.7 44.0 84.0
65 75.0 64.3 104.3

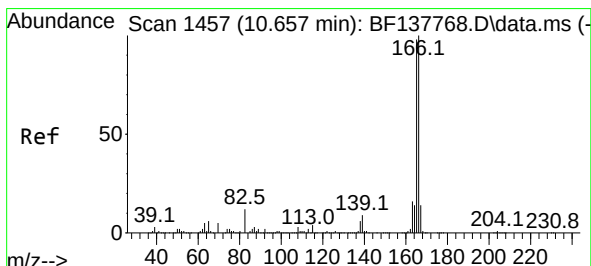
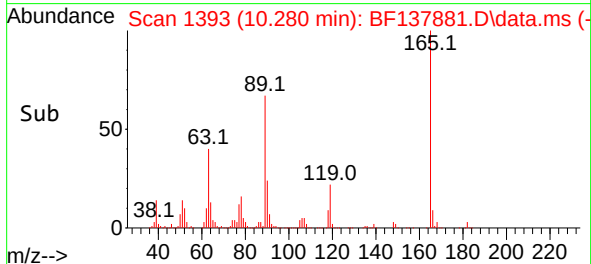
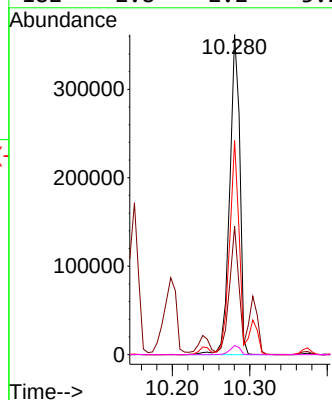
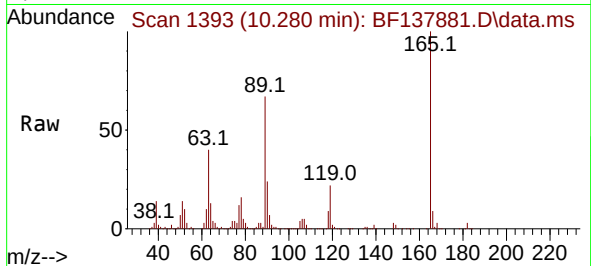




#57
2,4-Dinitrotoluene
Concen: 45.841 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

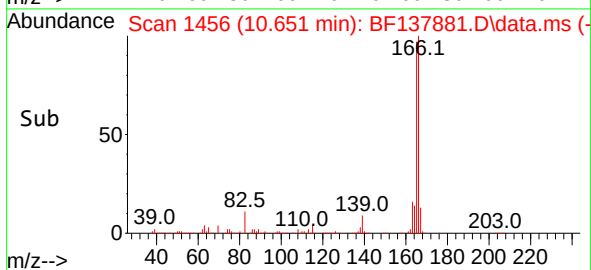
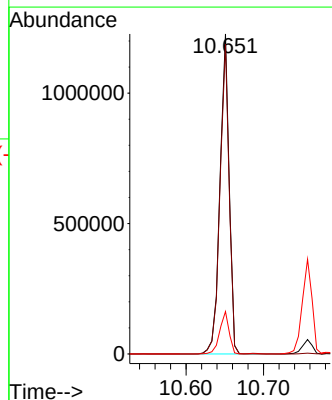
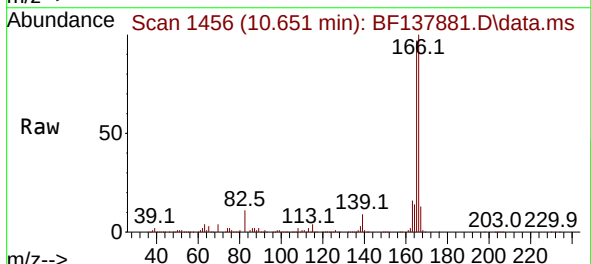
Instrument :
BNA_F
ClientSampleId :
PB160847BS

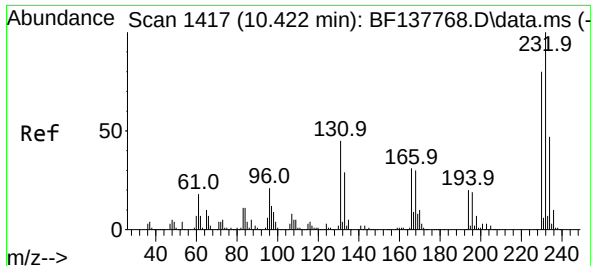
Tgt Ion:165 Resp: 330241
Ion Ratio Lower Upper
165 100
63 40.1 31.3 46.9
89 66.9 54.2 81.4
182 2.8 2.2 3.2



#58
Fluorene
Concen: 43.050 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:166 Resp: 1012457
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.2
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.414 ng

RT: 10.416 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

Tgt Ion:232 Resp: 274367

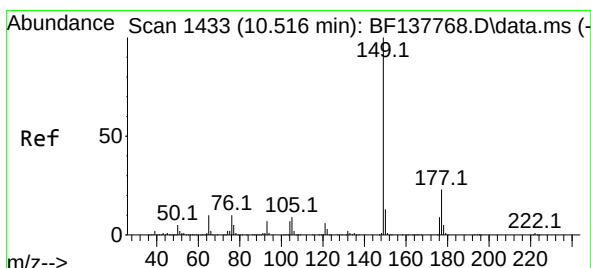
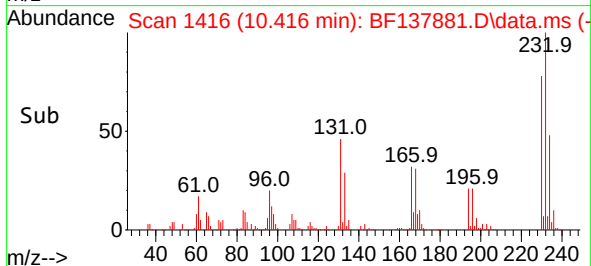
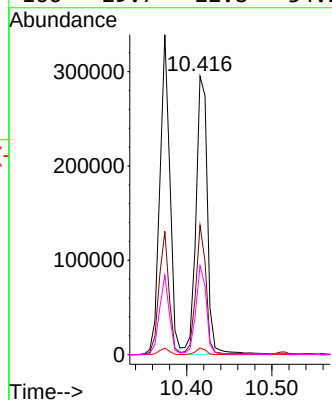
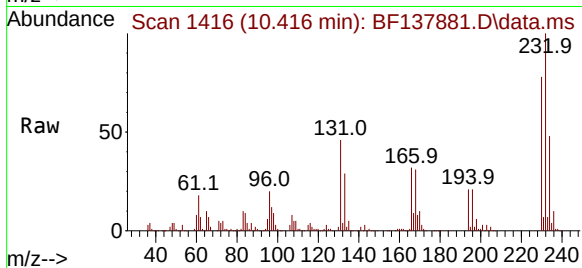
Ion Ratio Lower Upper

232 100

131 42.0 33.4 50.0

130 2.2 1.7 2.5

166 29.7 22.8 34.2



#60

Diethylphthalate

Concen: 43.649 ng

RT: 10.516 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

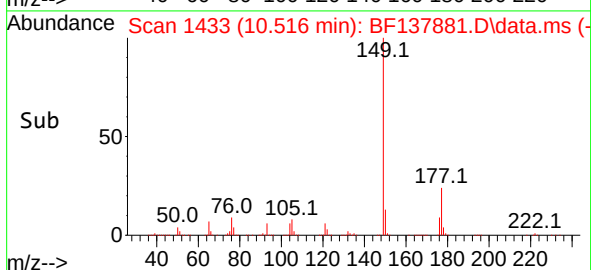
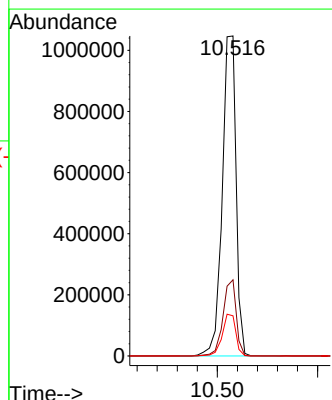
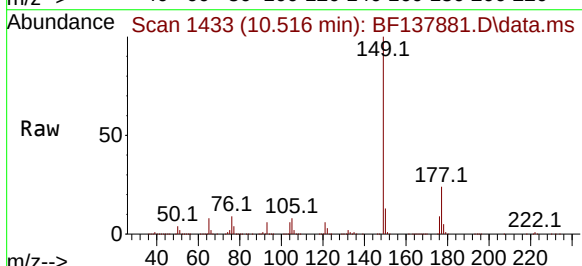
Tgt Ion:149 Resp: 1000297

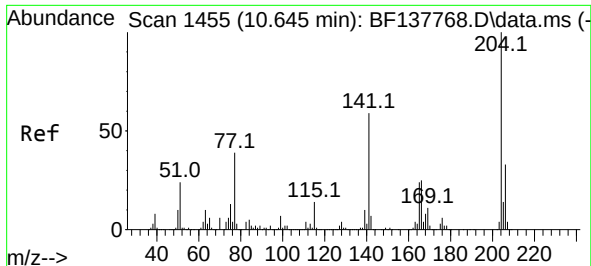
Ion Ratio Lower Upper

149 100

177 23.8 18.4 27.6

150 12.6 10.5 15.7

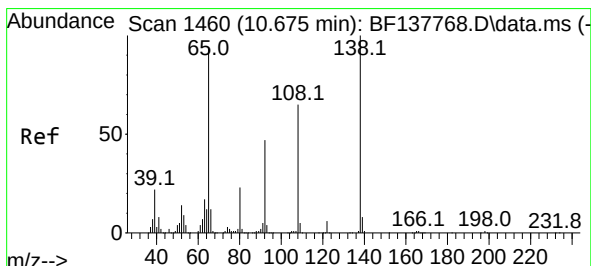
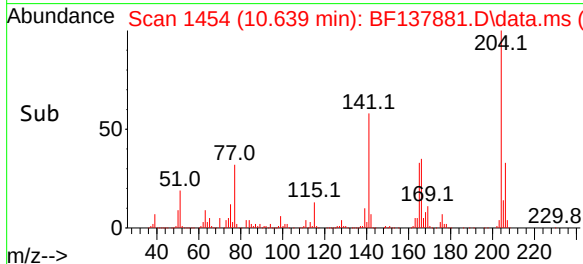
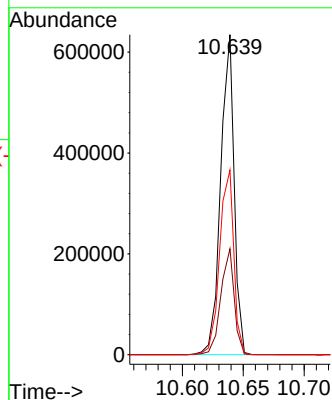
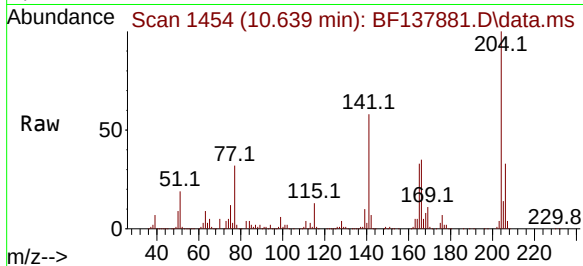




#61
4-Chlorophenyl-phenylether
Concen: 42.315 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

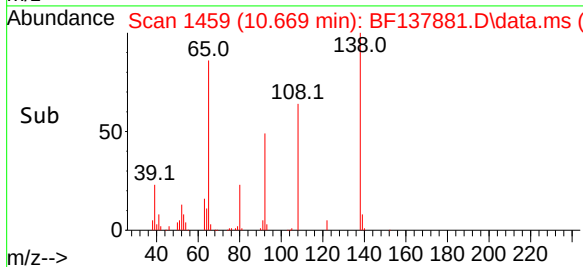
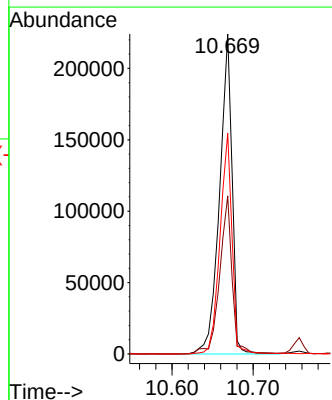
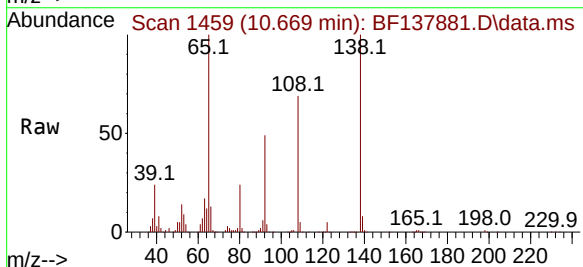
Instrument :
BNA_F
ClientSampleId :
PB160847BS

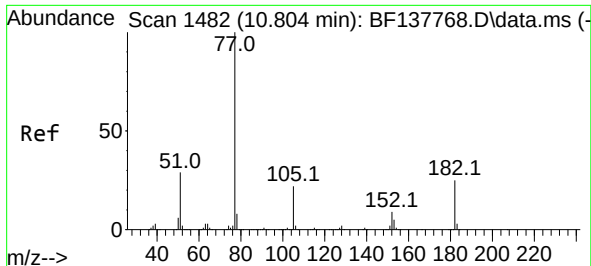
Tgt Ion:204 Resp: 490338
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.7 47.0 70.6



#62
4-Nitroaniline
Concen: 41.287 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:138 Resp: 241829
Ion Ratio Lower Upper
138 100
92 49.4 26.8 66.8
108 69.0 44.7 84.7

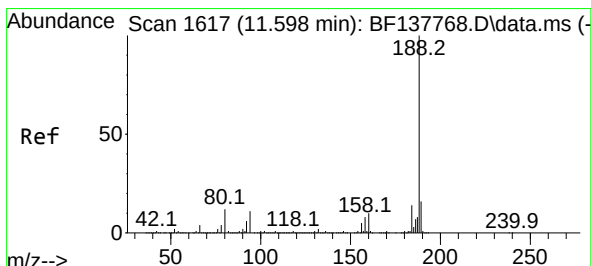
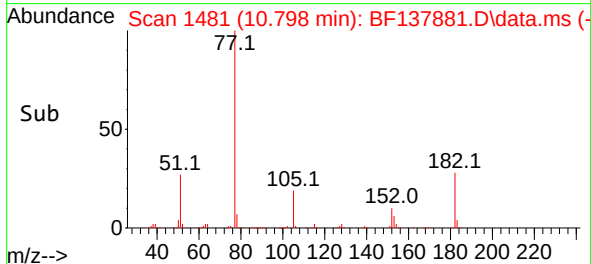
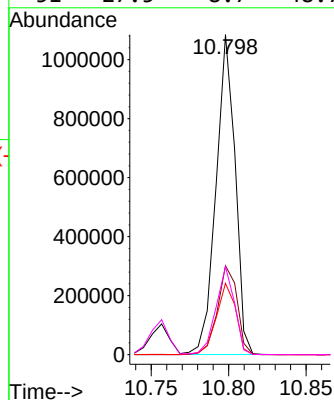
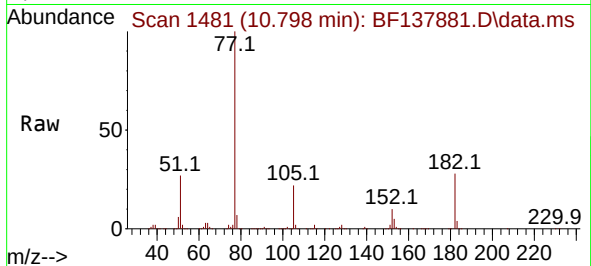




#63
Azobenzene
Concen: 41.949 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

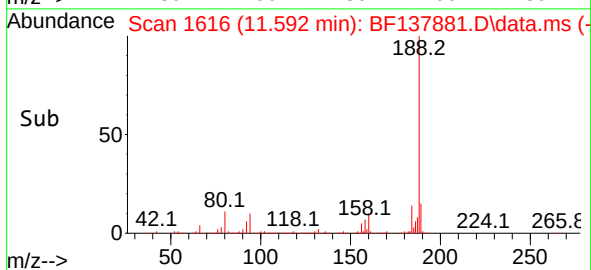
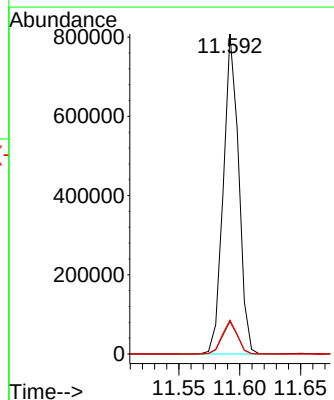
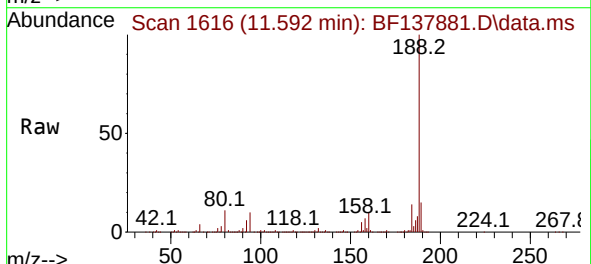
Instrument :
BNA_F
ClientSampleId :
PB160847BS

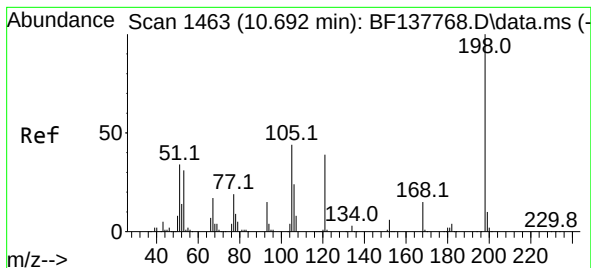
Tgt Ion:	77	Resp:	929130
Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.1	45.1
105	22.3	2.2	42.2
51	27.5	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:	188	Resp:	708935
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.8	13.2
80	10.6	9.6	14.4

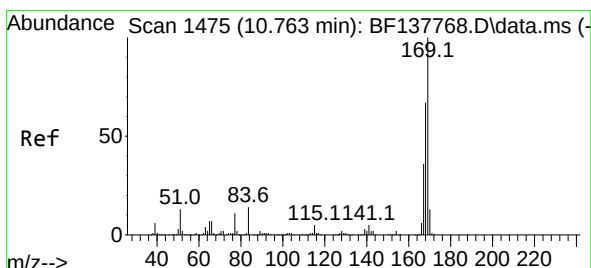
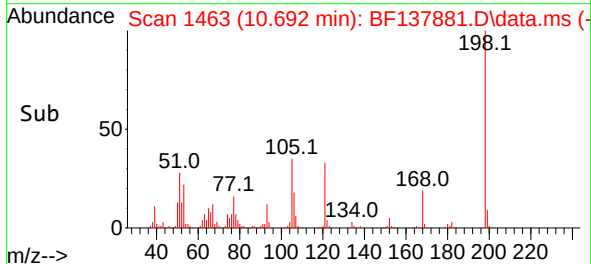
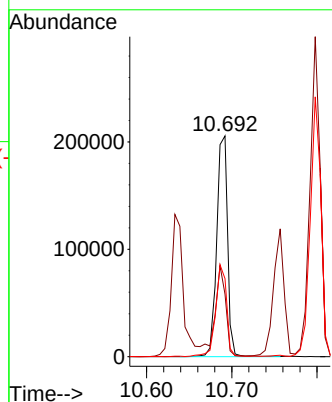
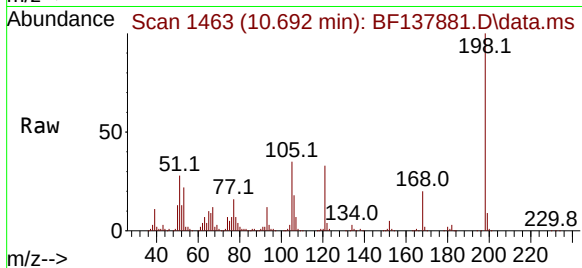




#65
4,6-Dinitro-2-methylphenol
Concen: 44.891 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

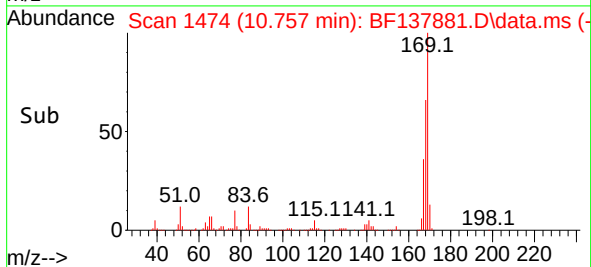
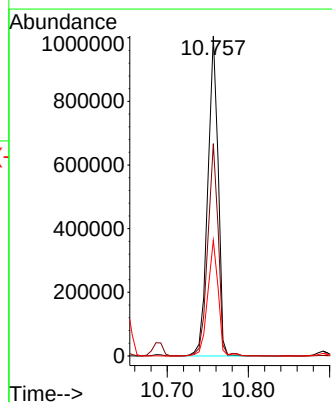
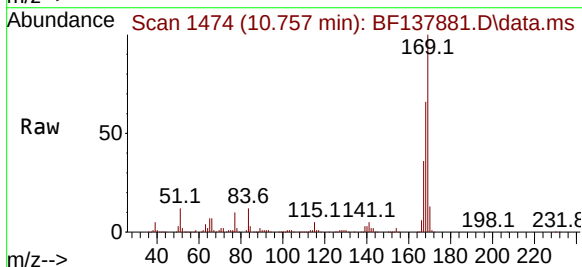
Instrument :
BNA_F
ClientSampleId :
PB160847BS

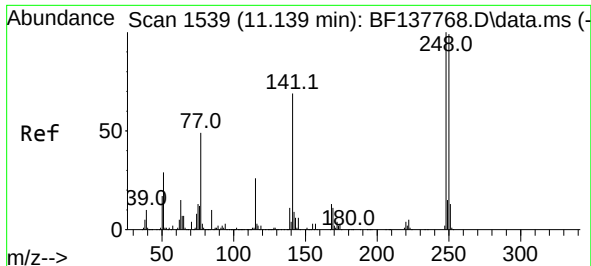
Tgt Ion:198 Resp: 182663
Ion Ratio Lower Upper
198 100
51 28.3 25.1 65.1
105 35.3 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 41.763 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:169 Resp: 886256
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 36.2 29.2 43.8

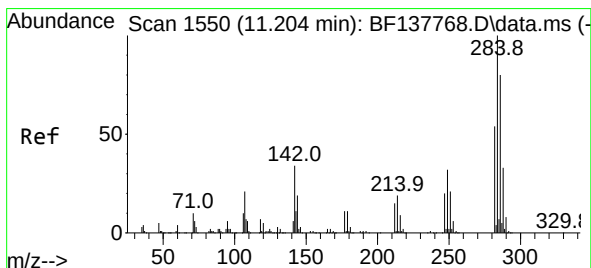
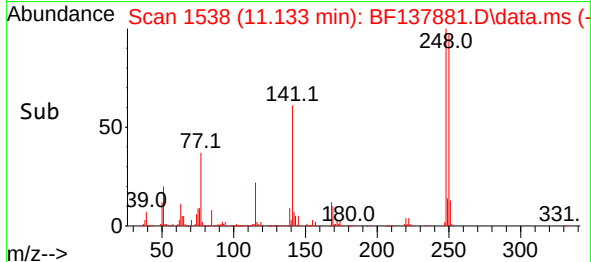
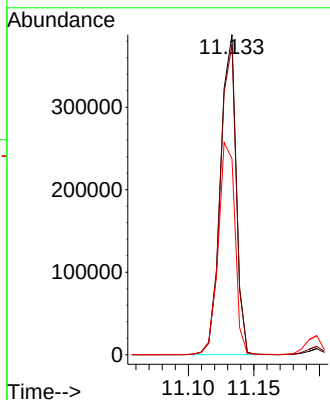
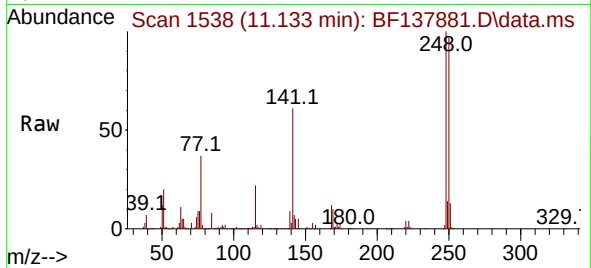




#67
4-Bromophenyl-phenylether
Concen: 42.567 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

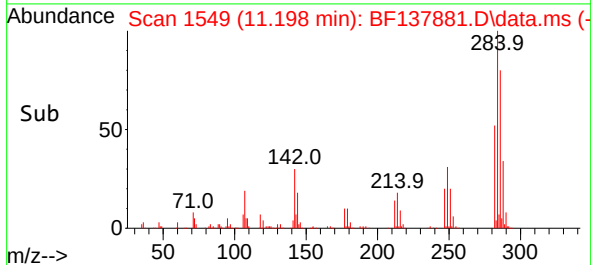
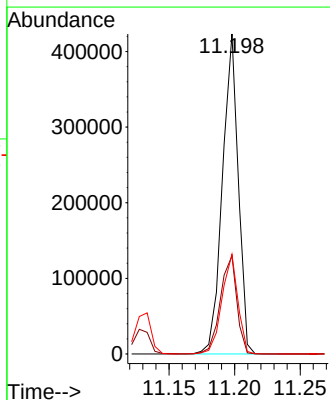
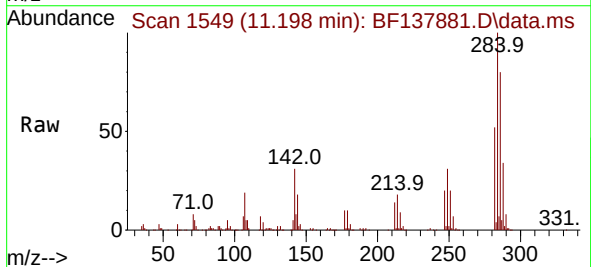
Instrument :
BNA_F
ClientSampleId :
PB160847BS

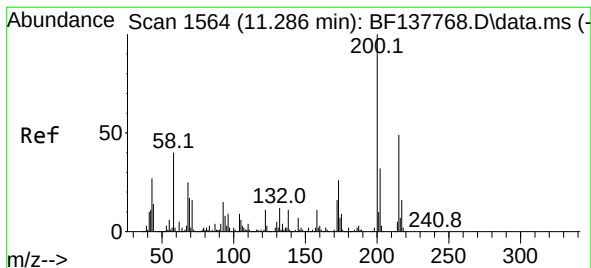
Tgt Ion:248 Resp: 322966
Ion Ratio Lower Upper
248 100
250 97.0 79.1 118.7
141 61.3 55.4 83.2



#68
Hexachlorobenzene
Concen: 42.783 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:284 Resp: 354730
Ion Ratio Lower Upper
284 100
142 30.7 27.3 40.9
249 31.1 25.6 38.4





#69

Atrazine

Concen: 47.826 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

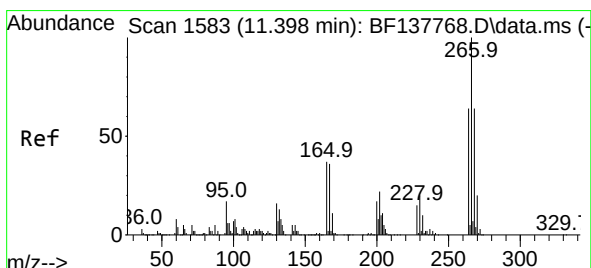
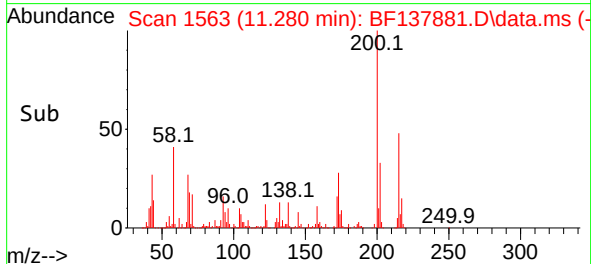
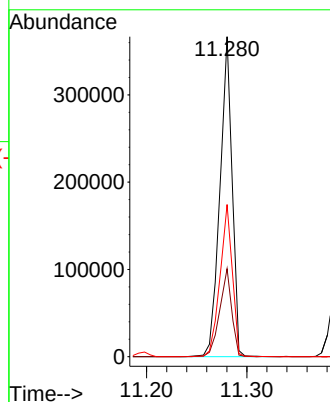
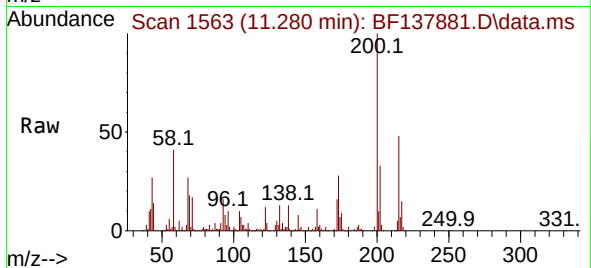
Tgt Ion:200 Resp: 309458

Ion Ratio Lower Upper

200 100

173 27.5 5.9 45.9

215 47.5 28.8 68.8



#70

Pentachlorophenol

Concen: 78.272 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

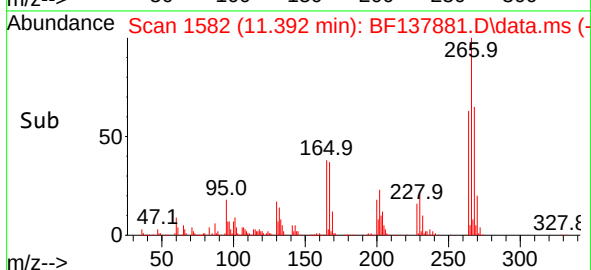
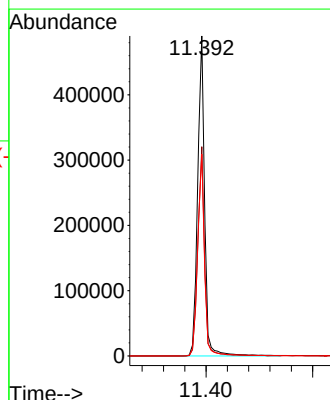
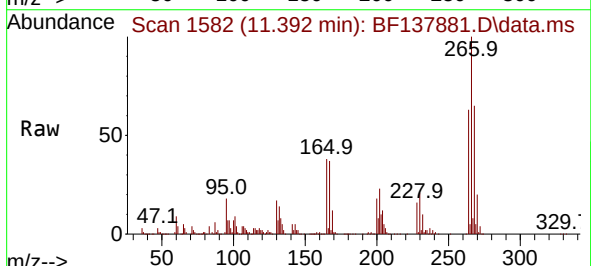
Tgt Ion:266 Resp: 445550

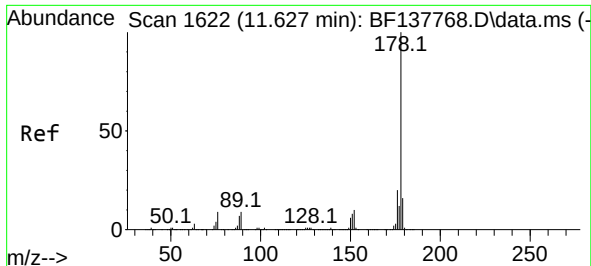
Ion Ratio Lower Upper

266 100

268 65.4 51.3 76.9

264 63.1 51.0 76.4

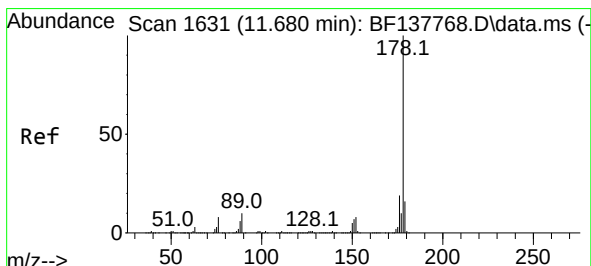
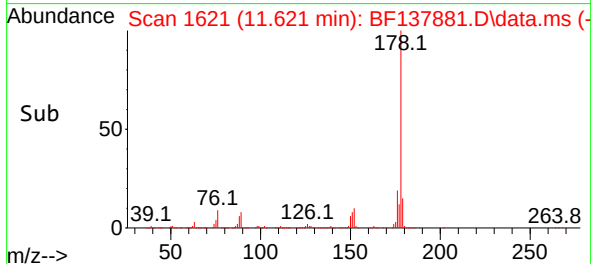
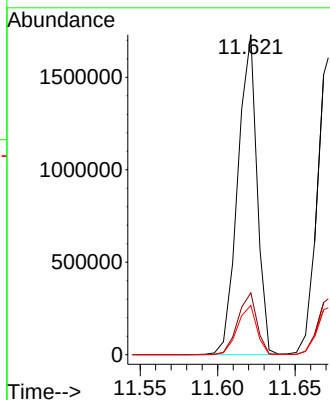
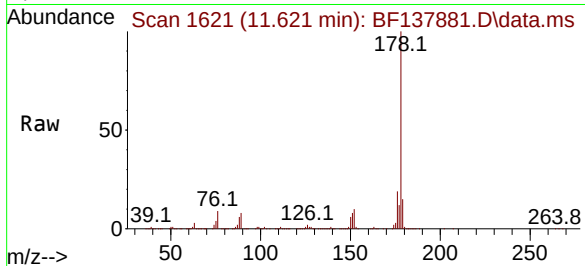




#71
Phenanthrene
Concen: 43.277 ng
RT: 11.621 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

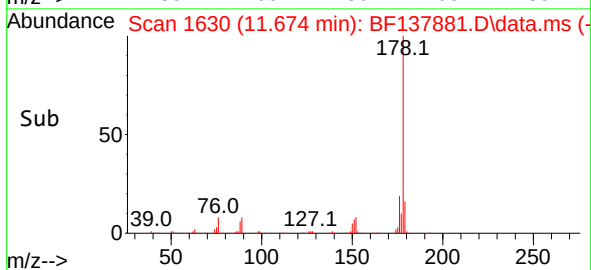
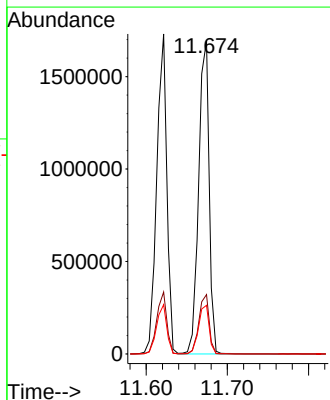
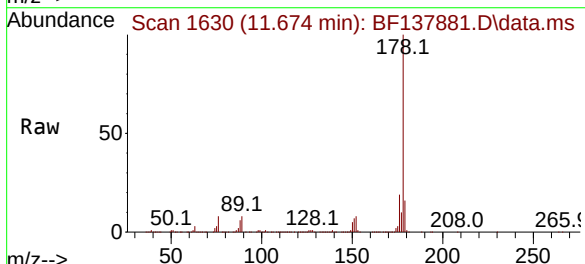
Instrument :
BNA_F
ClientSampleId :
PB160847BS

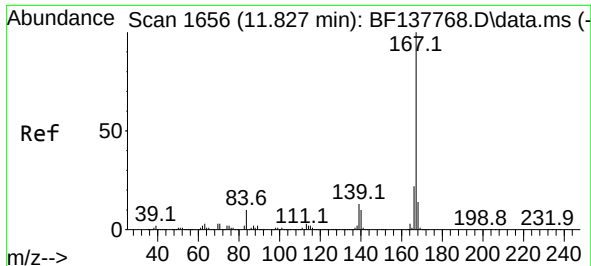
Tgt Ion:178 Resp: 1495439
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.4 12.5 18.7



#72
Anthracene
Concen: 44.438 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:178 Resp: 1527840
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.6 18.8

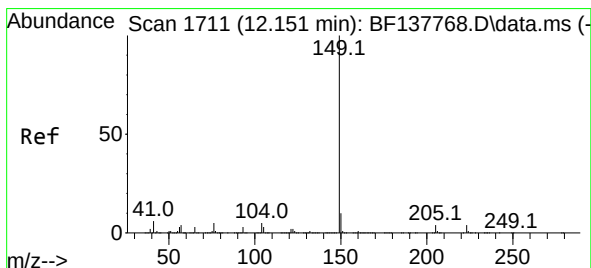
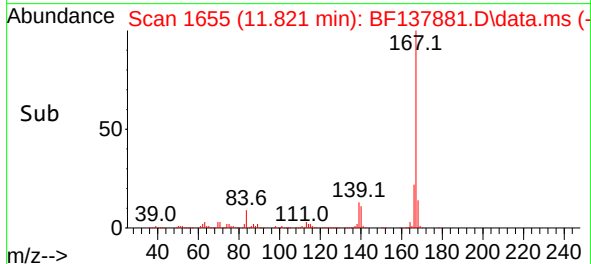
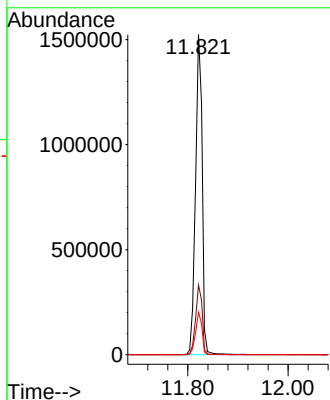
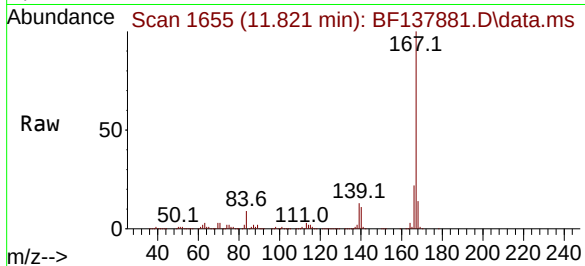




#73
 Carbazole
 Concen: 42.317 ng
 RT: 11.821 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

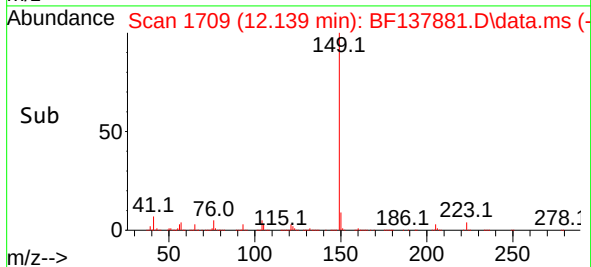
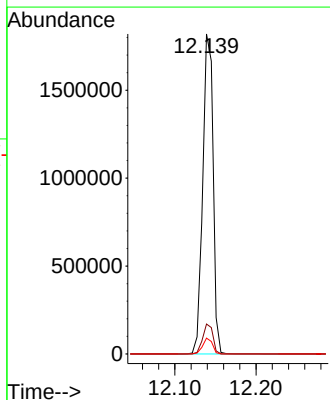
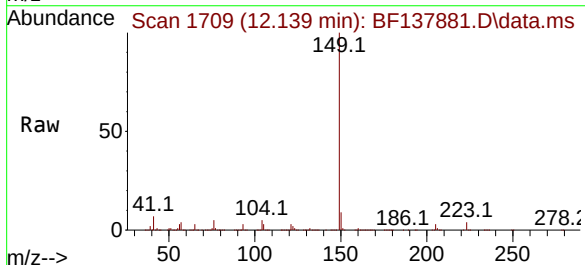
Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS

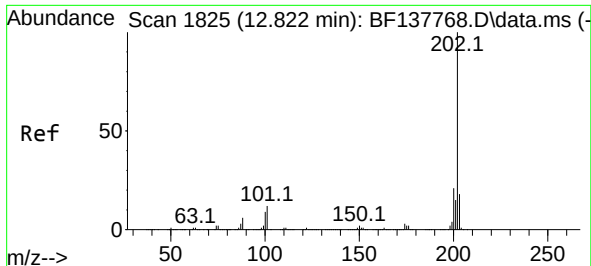
Tgt Ion:167 Resp: 1402166
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.518 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion:149 Resp: 1609118
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.9 3.8 5.8

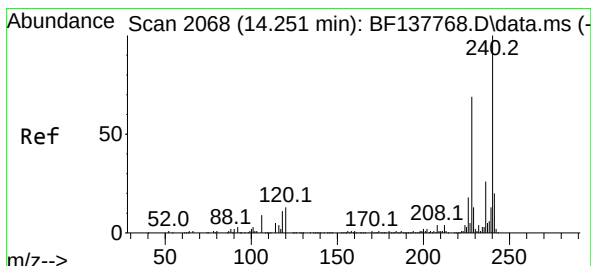
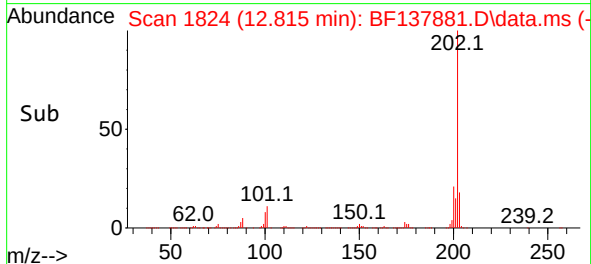
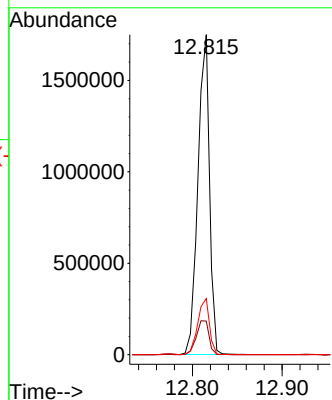
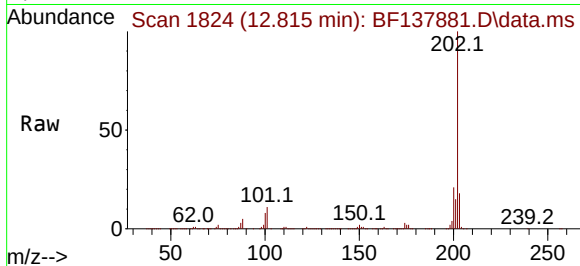




#75
Fluoranthene
Concen: 41.433 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

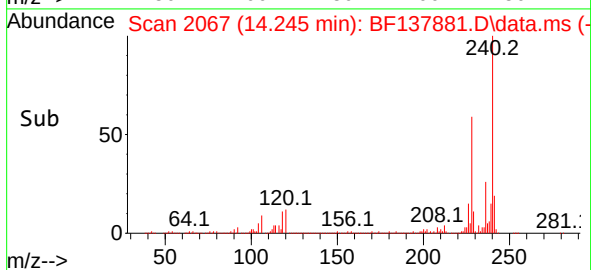
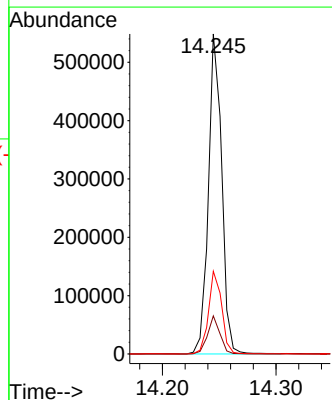
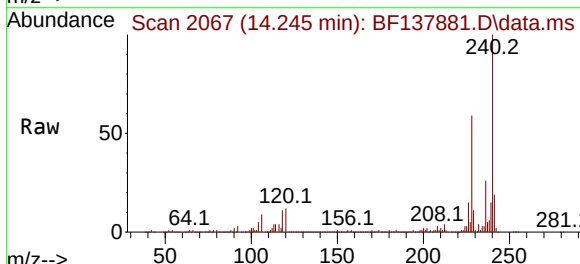
Instrument :
BNA_F
ClientSampleId :
PB160847BS

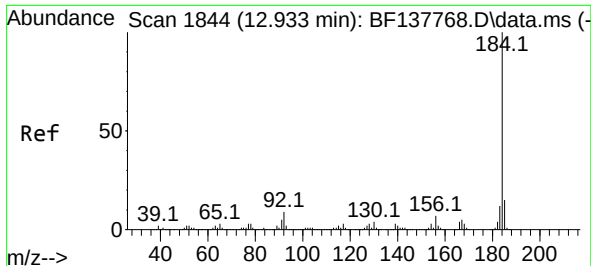
Tgt Ion:202 Resp: 1565026
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.8
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:240 Resp: 444978
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 25.8 20.4 30.6

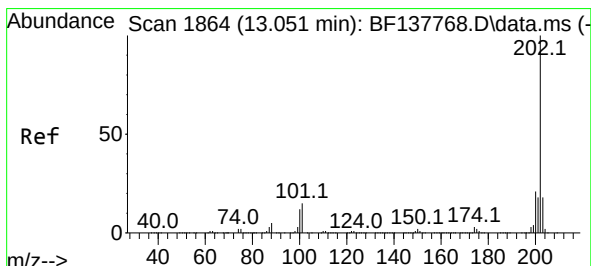
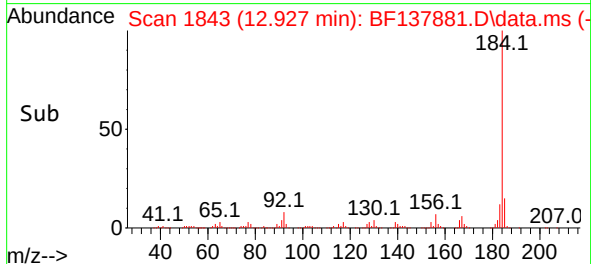
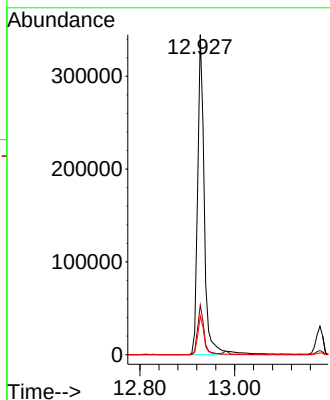
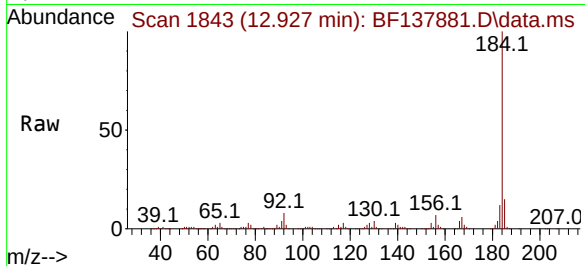




#77
Benzidine
Concen: 33.029 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

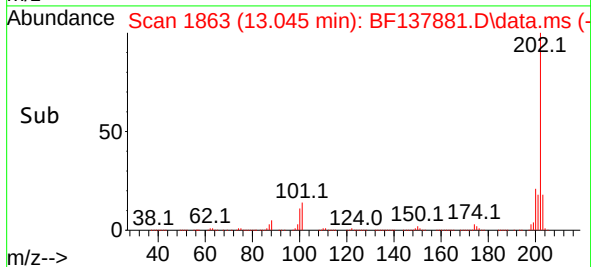
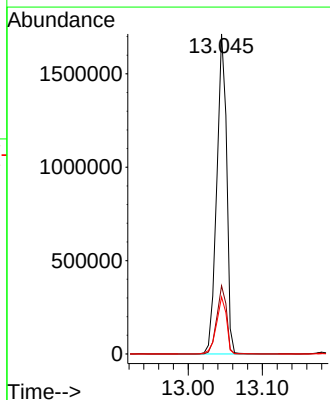
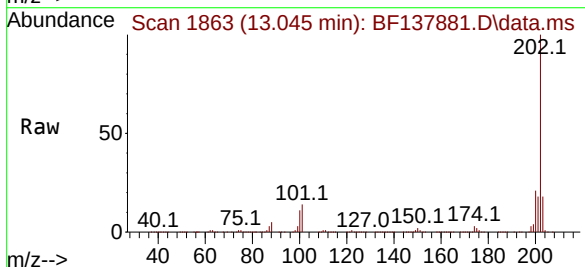
Instrument :
BNA_F
ClientSampleId :
PB160847BS

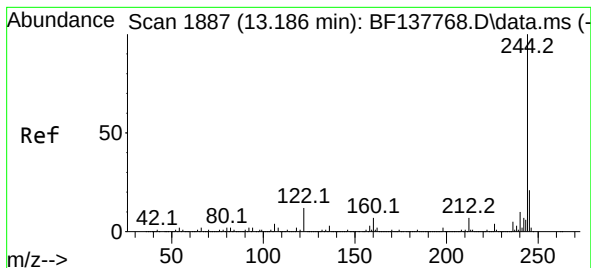
Tgt Ion:184 Resp: 339917
Ion Ratio Lower Upper
184 100
185 15.5 12.3 18.5
183 11.9 9.2 13.8



#78
Pyrene
Concen: 44.713 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:202 Resp: 1577530
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 91.902 ng

RT: 13.180 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

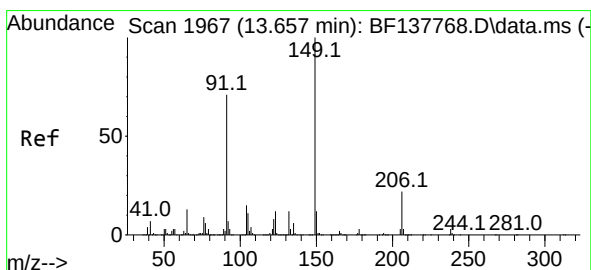
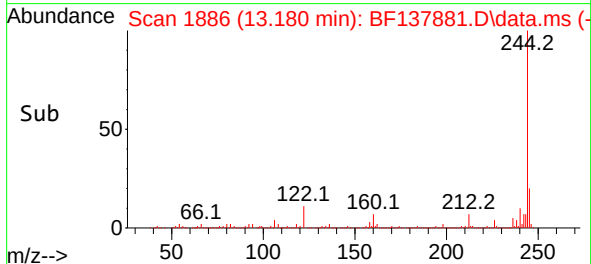
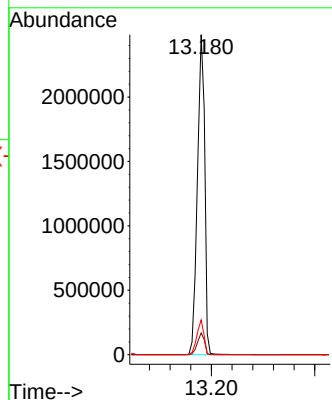
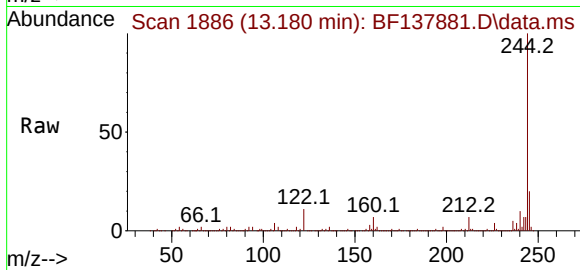
Tgt Ion:244 Resp: 2440208

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 51.994 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

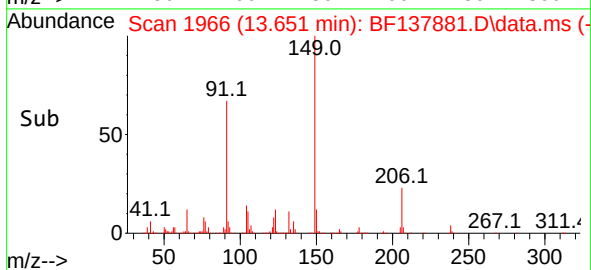
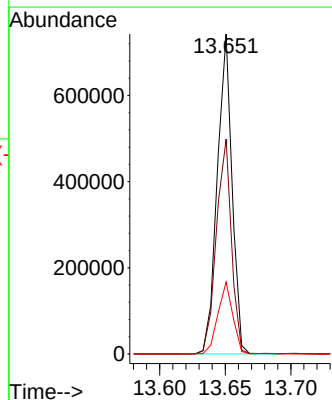
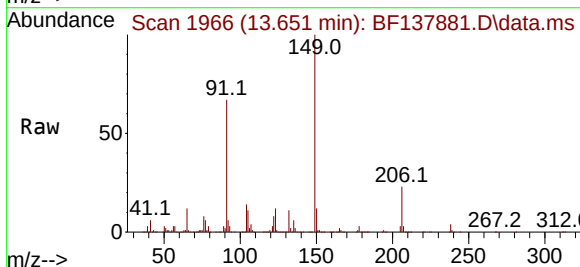
Tgt Ion:149 Resp: 582028

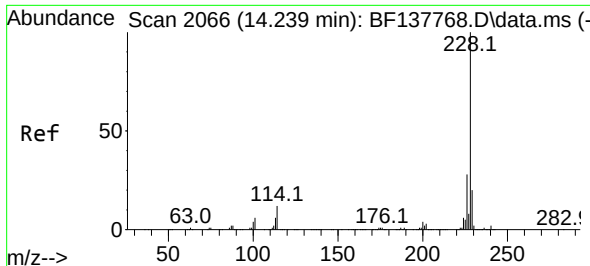
Ion Ratio Lower Upper

149 100

91 67.1 56.8 85.2

206 22.5 17.8 26.8

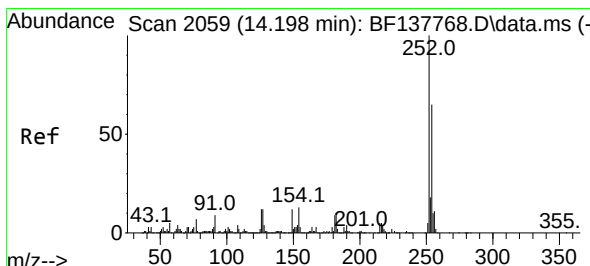
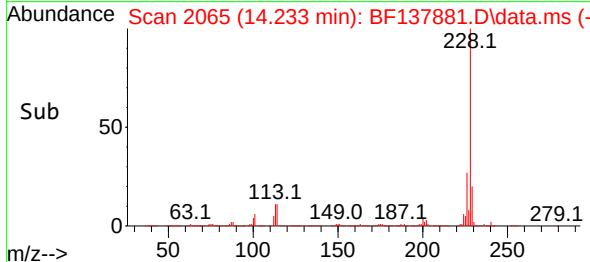
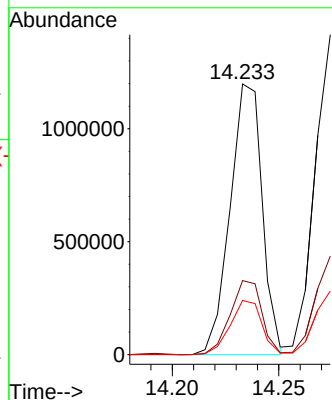
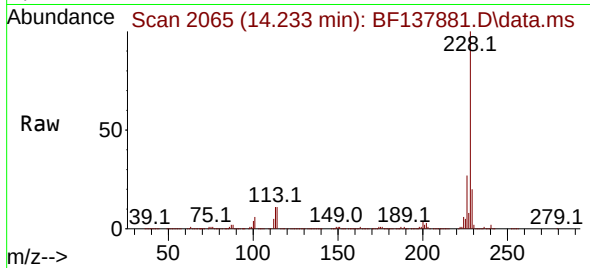




#81
Benzo(a)anthracene
Concen: 44.251 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

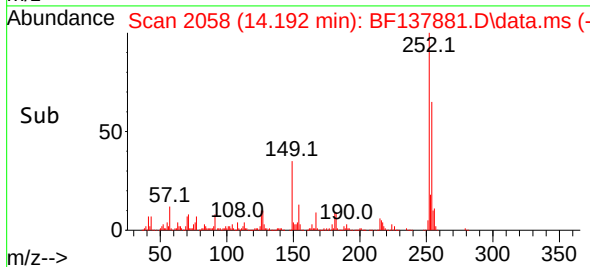
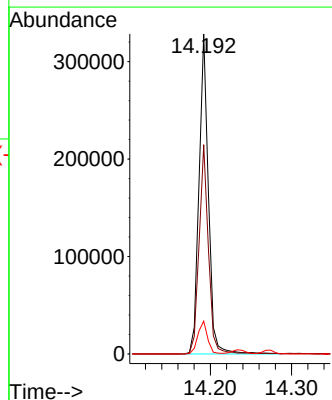
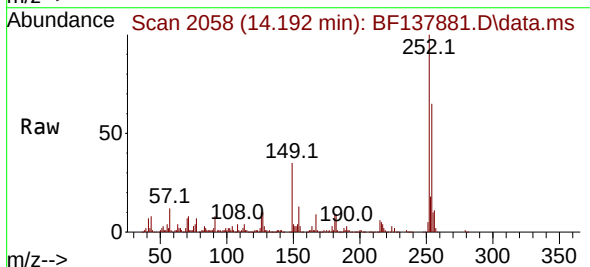
Instrument :
BNA_F
ClientSampleId :
PB160847BS

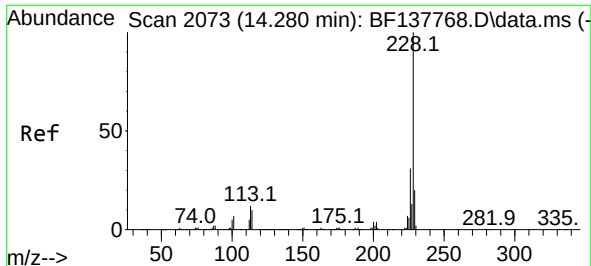
Tgt Ion:228 Resp: 1259404
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.260 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:252 Resp: 266341
Ion Ratio Lower Upper
252 100
254 65.4 51.7 77.5
126 10.3 9.7 14.5

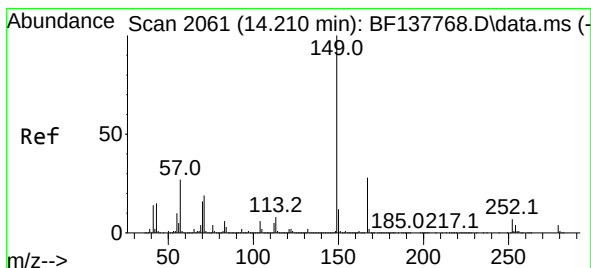
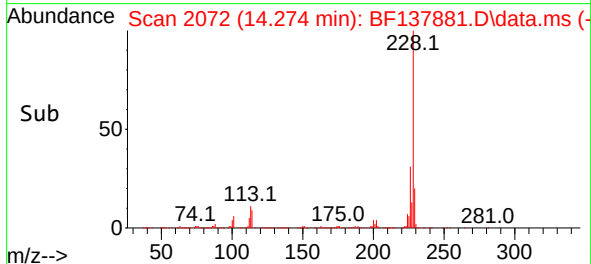
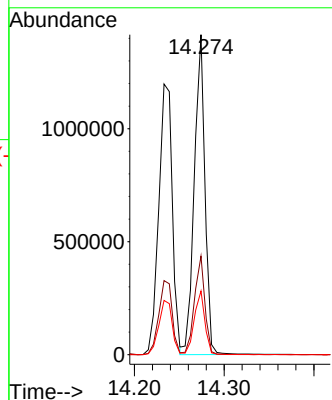
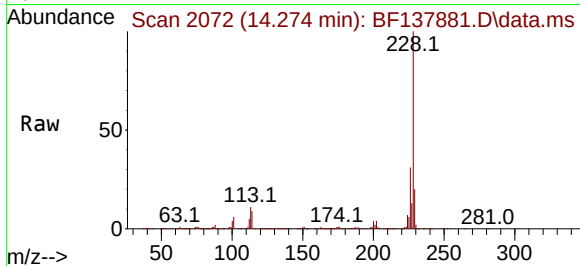




#83
Chrysene
Concen: 43.912 ng
RT: 14.274 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

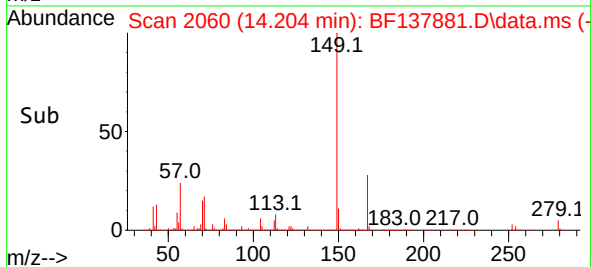
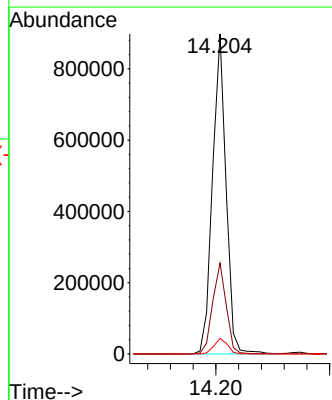
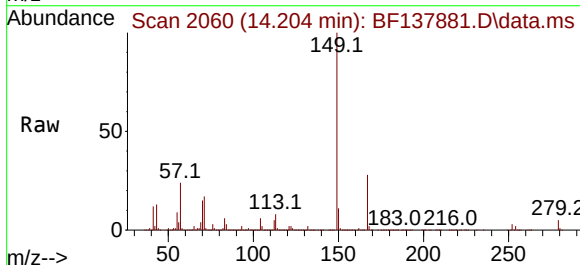
Instrument :
BNA_F
ClientSampleId :
PB160847BS

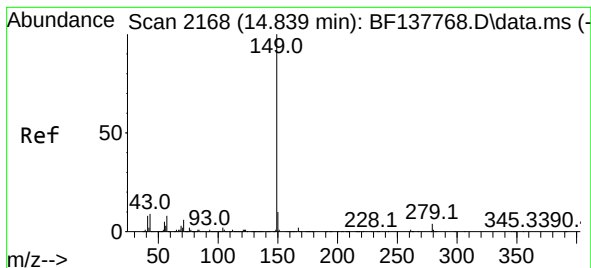
Tgt Ion:228 Resp: 1170176
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.497 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:149 Resp: 740624
Ion Ratio Lower Upper
149 100
167 28.4 22.4 33.6
279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.817 ng

RT: 14.833 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

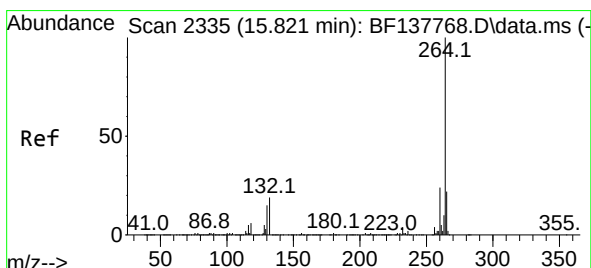
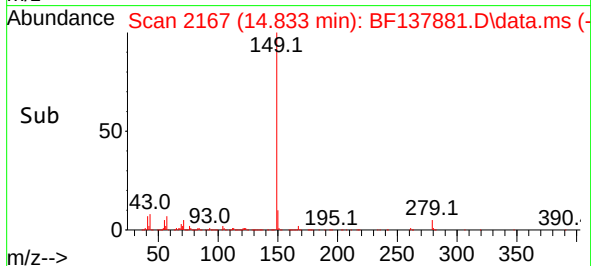
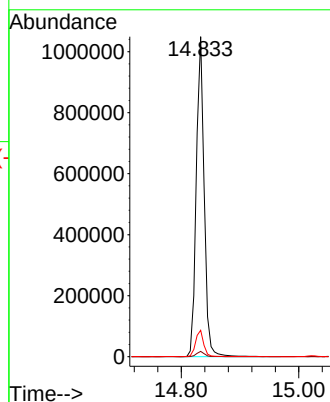
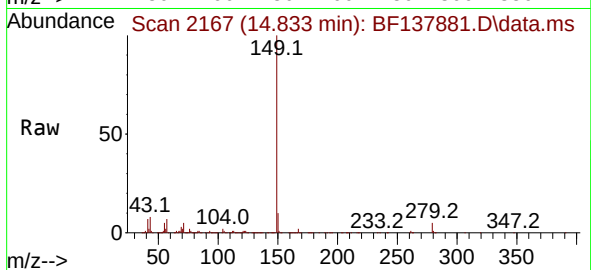
Tgt Ion:149 Resp: 983815

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.4 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.809 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

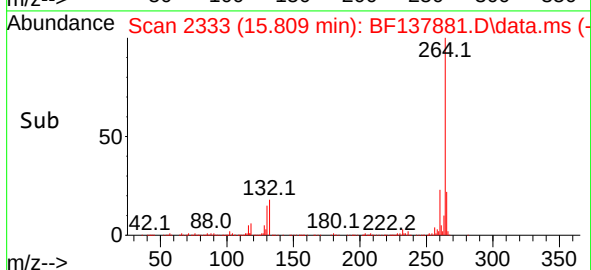
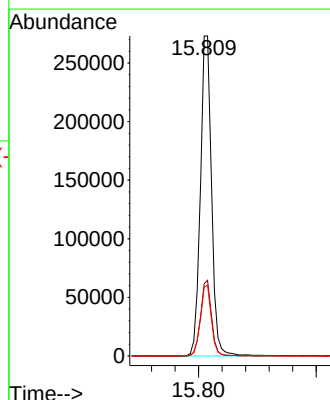
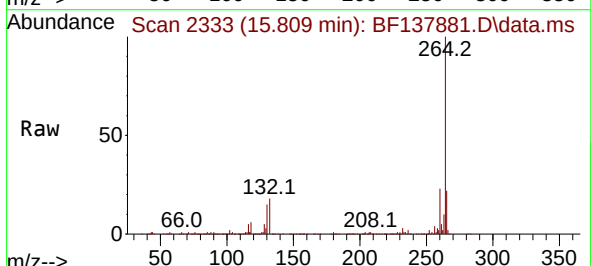
Tgt Ion:264 Resp: 360487

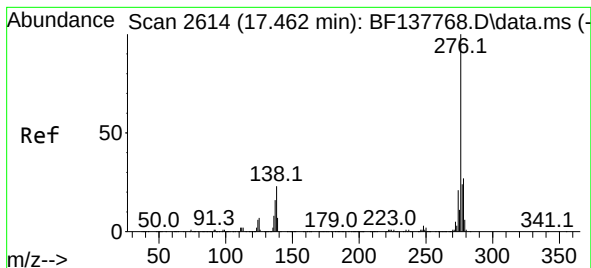
Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.305 ng

RT: 17.450 min Scan# 2

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

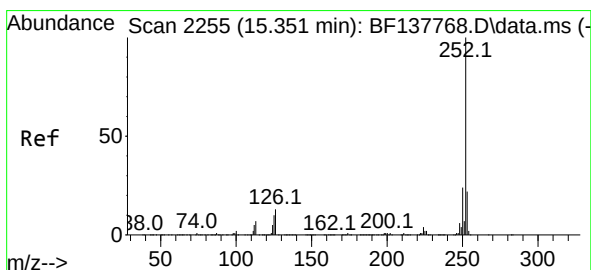
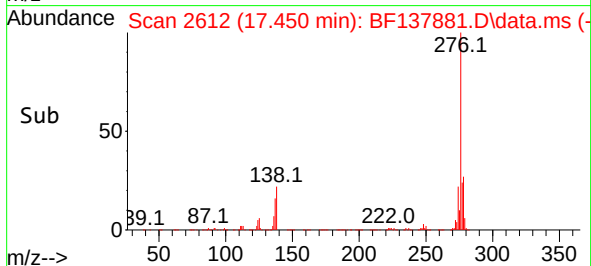
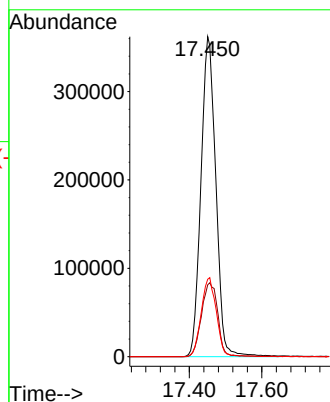
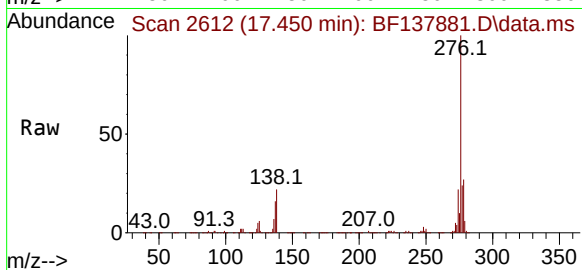
Tgt Ion:276 Resp: 1030999

Ion Ratio Lower Upper

276 100

138 25.4 21.4 32.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.317 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

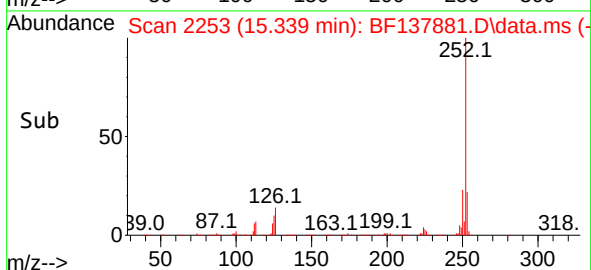
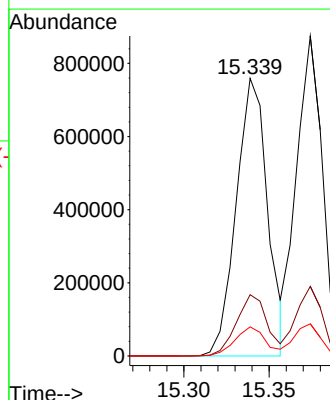
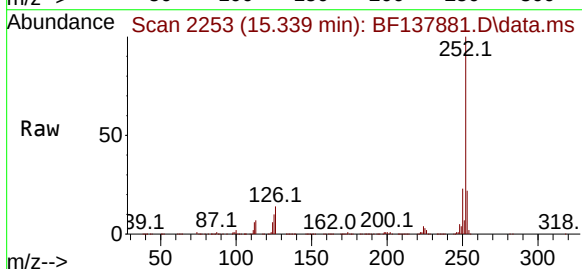
Tgt Ion:252 Resp: 971544

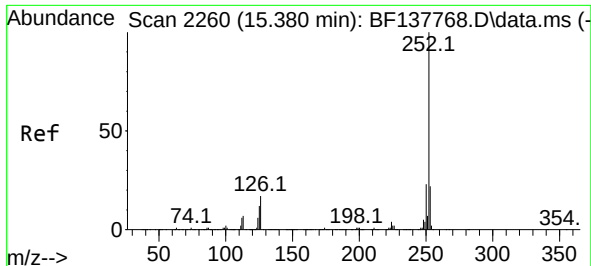
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 7.9 11.9

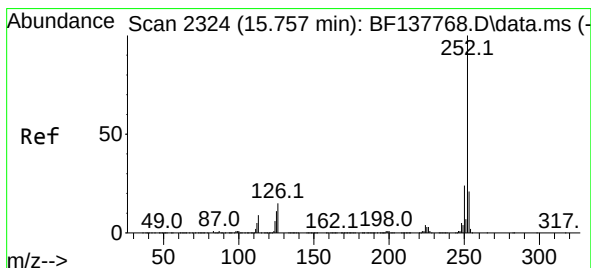
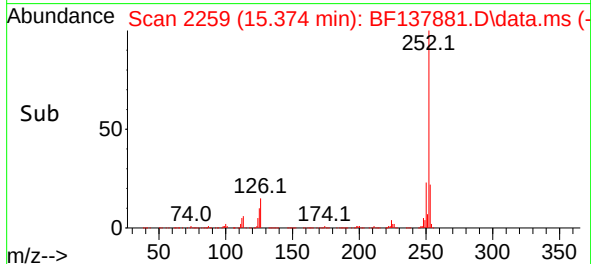
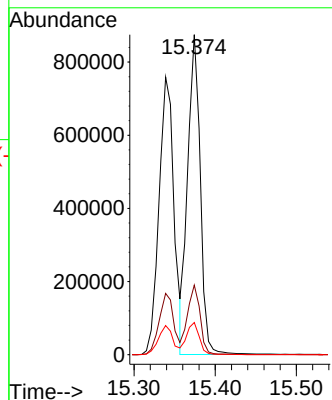
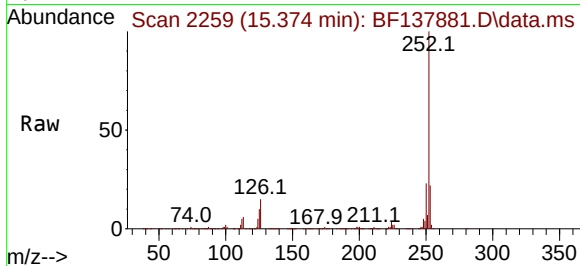




#89
Benzo(k)fluoranthene
Concen: 43.590 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

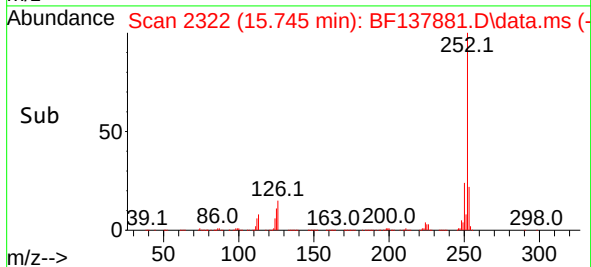
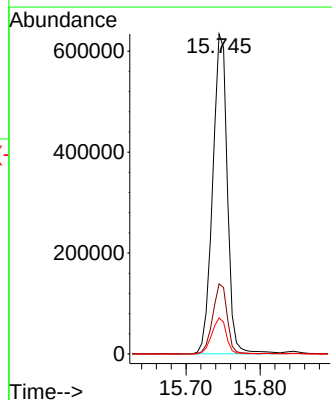
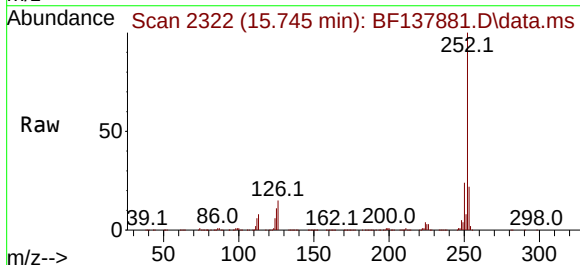
Instrument :
BNA_F
ClientSampleId :
PB160847BS

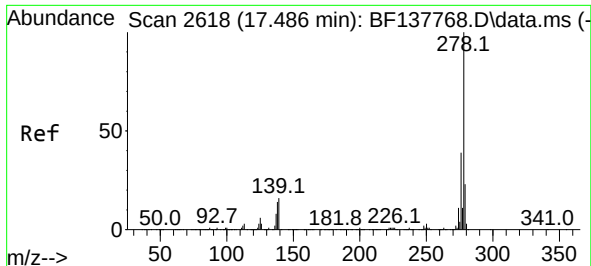
Tgt Ion:252 Resp: 944942
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 47.613 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:252 Resp: 871220
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.2 9.0 13.6

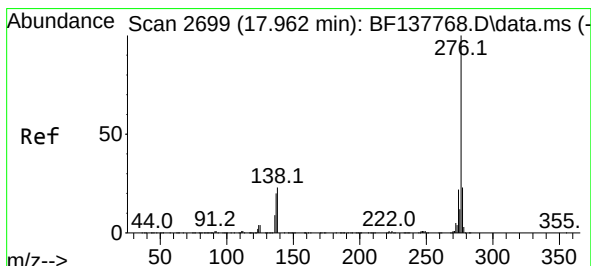
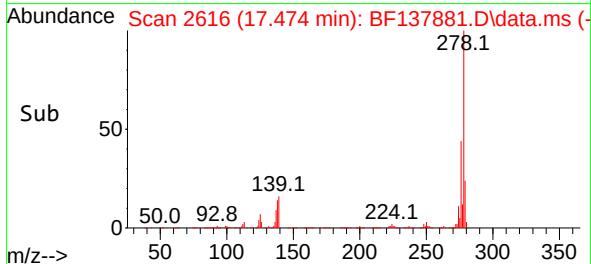
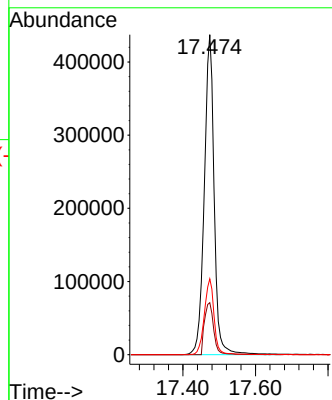
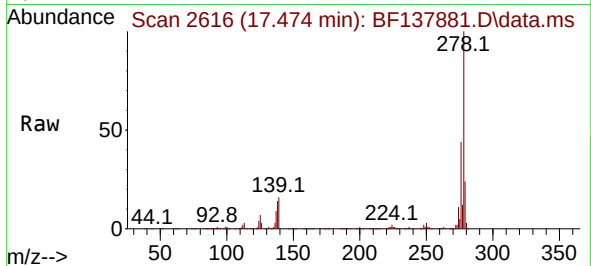




#91
 Dibenzo(a,h)anthracene
 Concen: 49.858 ng
 RT: 17.474 min Scan# 2618
 Delta R.T. -0.012 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS

Tgt Ion:278 Resp: 831740
 Ion Ratio Lower Upper
 278 100
 139 16.3 13.0 19.6
 279 23.7 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 45.825 ng
 RT: 17.956 min Scan# 2698
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion:276 Resp: 801400
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.0 27.0
 138 22.1 18.1 27.1

