

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137206.D
 Acq On : 31 Jan 2024 13:05
 Operator : CG\JU
 Sample : P1276-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

Quant Time: Feb 01 01:13:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	59344	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	220015	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	123387	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	221196	20.000	ng	0.00
76) Chrysene-d12	13.968	240	153614	20.000	ng	0.00
86) Perylene-d12	15.451	264	187297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	353582	98.315	ng	0.01
7) Phenol-d6	6.428	99	464832	90.567	ng	0.00
23) Nitrobenzene-d5	7.351	82	312294	63.550	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	132658	95.199	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	560236	62.417	ng	0.00
79) Terphenyl-d14	12.916	244	578881	51.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	61526	31.973	ng	98
3) Pyridine	3.357	79	140901	36.914	ng	99
4) n-Nitrosodimethylamine	3.322	42	73092	38.625	ng	96
6) Aniline	6.457	93	150634	27.417	ng	95
8) 2-Chlorophenol	6.575	128	160203	39.839	ng	97
9) Benzaldehyde	6.345	77	64671	33.087	ng	97
10) Phenol	6.439	94	211976	37.001	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	160148	41.829	ng	97
12) 1,3-Dichlorobenzene	6.734	146	177532	37.655	ng	99
13) 1,4-Dichlorobenzene	6.810	146	187699	38.494	ng	96
14) 1,2-Dichlorobenzene	6.957	146	171775	37.678	ng	98
15) Benzyl Alcohol	6.934	79	159848	43.838	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	247370	35.868	ng	99
17) 2-Methylphenol	7.045	107	134149	39.931	ng	98
18) Hexachloroethane	7.304	117	65432	37.207	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	130739	37.152	ng	97
20) 3+4-Methylphenols	7.198	107	164797	38.750	ng	92
22) Acetophenone	7.204	105	239731	40.474	ng	# 94
24) Nitrobenzene	7.375	77	193165	40.499	ng	96
25) Isophorone	7.610	82	355369	39.178	ng	97
26) 2-Nitrophenol	7.686	139	77503	42.279	ng	92
27) 2,4-Dimethylphenol	7.728	122	106529	41.089	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	198370	41.183	ng	98
29) 2,4-Dichlorophenol	7.928	162	132967	41.342	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	156758	39.238	ng	99
31) Naphthalene	8.092	128	464052	39.015	ng	99
32) Benzoic acid	7.845	122	60095	35.748	ng	91
33) 4-Chloroaniline	8.145	127	58620	14.328	ng	95
34) Hexachlorobutadiene	8.210	225	105574	39.743	ng	96
35) Caprolactam	8.504	113	22324	22.322	ng	94
36) 4-Chloro-3-methylphenol	8.622	107	149438	39.338	ng	96
37) 2-Methylnaphthalene	8.781	142	309659	38.833	ng	98
38) 1-Methylnaphthalene	8.880	142	292281	39.463	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	166518	40.332	ng	99
41) Hexachlorocyclopentadiene	8.939	237	198716	101.055	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	100113	42.751	ng	99

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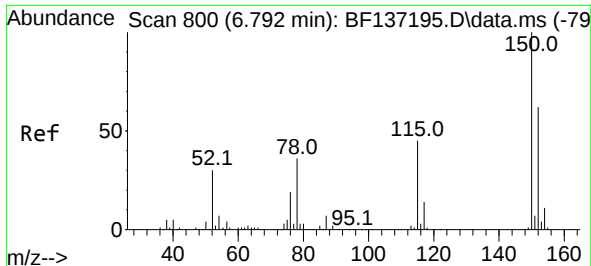
Quant Time: Feb 01 01:13:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	105946	41.390	ng	99
46) 1,1'-Biphenyl	9.251	154	401254	40.873	ng	97
47) 2-Chloronaphthalene	9.275	162	292433	40.251	ng	98
48) 2-Nitroaniline	9.369	65	98431	41.859	ng	94
49) Acenaphthylene	9.686	152	461663	39.693	ng	100
50) Dimethylphthalate	9.557	163	337098	40.440	ng	99
51) 2,6-Dinitrotoluene	9.616	165	74235	41.764	ng	88
52) Acenaphthene	9.863	154	280923	41.096	ng	99
53) 3-Nitroaniline	9.780	138	38861	24.294	ng	95
54) 2,4-Dinitrophenol	9.886	184	65681	82.570	ng	91
55) Dibenzofuran	10.033	168	428992	39.446	ng	100
56) 4-Nitrophenol	9.945	139	97226	80.538	ng	97
57) 2,4-Dinitrotoluene	10.016	165	94540	40.991	ng	97
58) Fluorene	10.380	166	326388	38.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	94559	39.703	ng	97
60) Diethylphthalate	10.257	149	333318	40.611	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	165299	39.005	ng	99
62) 4-Nitroaniline	10.404	138	62862	41.057	ng	98
63) Azobenzene	10.533	77	353340	38.872	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	48853	42.411	ng	93
66) n-Nitrosodiphenylamine	10.492	169	280783	41.748	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	105537	43.391	ng	94
68) Hexachlorobenzene	10.922	284	111401	41.006	ng	95
69) Atrazine	11.027	200	94054	42.362	ng	98
70) Pentachlorophenol	11.122	266	130384	83.721	ng	97
71) Phenanthrene	11.345	178	467571	40.378	ng	100
72) Anthracene	11.392	178	483914	40.093	ng	99
73) Carbazole	11.551	167	395921	39.251	ng	99
74) Di-n-butylphthalate	11.892	149	481875	44.194	ng	99
75) Fluoranthene	12.533	202	487251	40.211	ng	99
77) Benzidine	12.668	184	138347	50.295	ng	99
78) Pyrene	12.763	202	491525	33.296	ng	99
80) Butylbenzylphthalate	13.398	149	178857	47.362	ng	94
81) Benzo(a)anthracene	13.963	228	452597	41.603	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	92215	31.112	ng	96
83) Chrysene	13.998	228	436771	40.837	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	254545	57.937	ng	97
85) Di-n-octyl phthalate	14.586	149	457170	65.443	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	538647	40.935	ng	99
88) Benzo(b)fluoranthene	15.021	252	453388	39.362	ng	99
89) Benzo(k)fluoranthene	15.051	252	447353	36.712	ng	98
90) Benzo(a)pyrene	15.392	252	415964	38.374	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	435985	41.350	ng	99
92) Benzo(g,h,i)perylene	17.409	276	414662	40.070	ng	99

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

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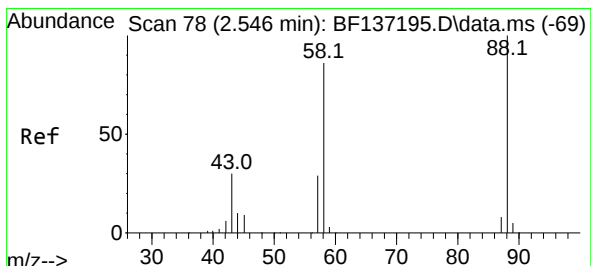
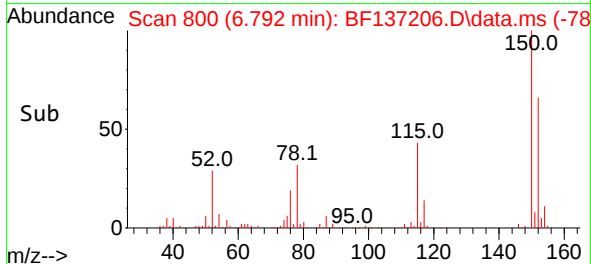
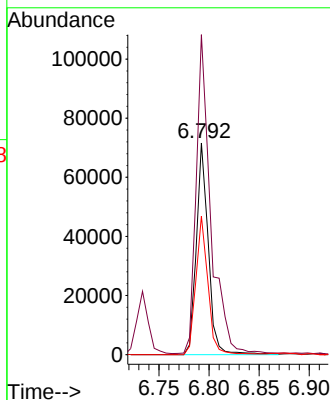
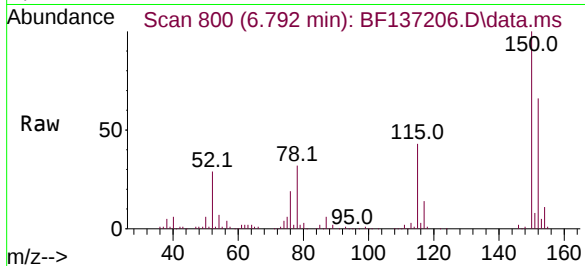




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

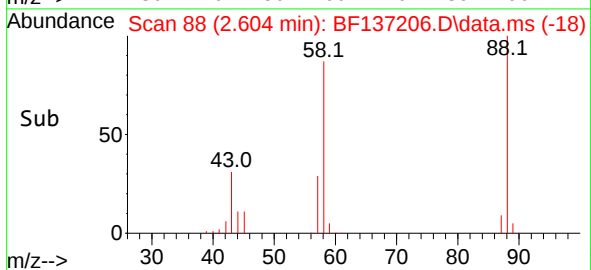
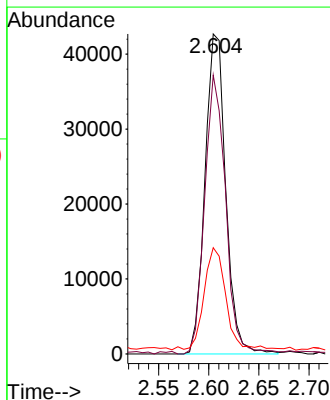
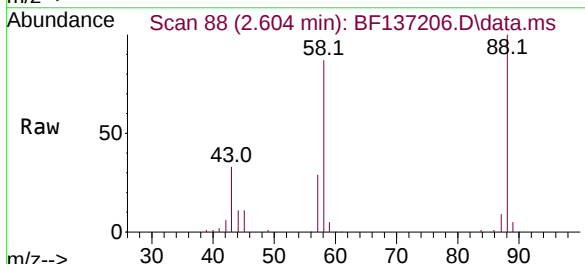
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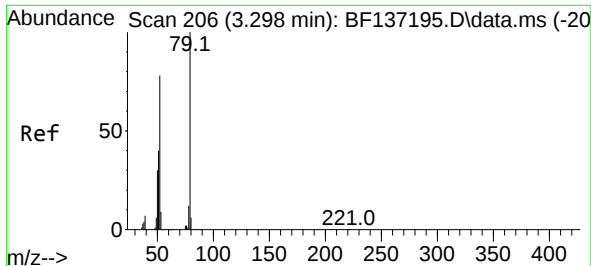
Tgt Ion:152 Resp: 59344
 Ion Ratio Lower Upper
 152 100
 150 151.2 129.8 194.8
 115 65.4 58.5 87.7



#2
 1,4-Dioxane
 Concen: 31.973 ng
 RT: 2.604 min Scan# 88
 Delta R.T. 0.059 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion: 88 Resp: 61526
 Ion Ratio Lower Upper
 88 100
 58 87.7 67.8 101.8
 43 33.5 26.6 40.0

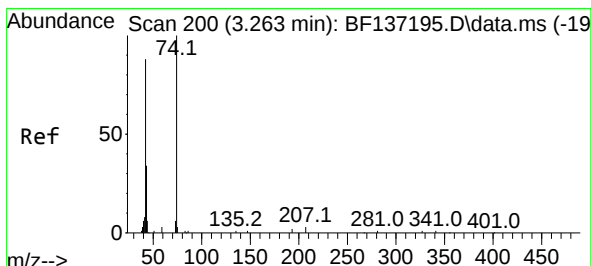
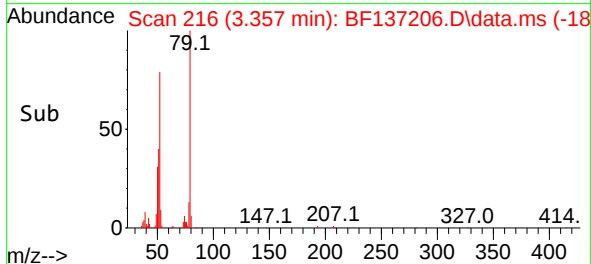
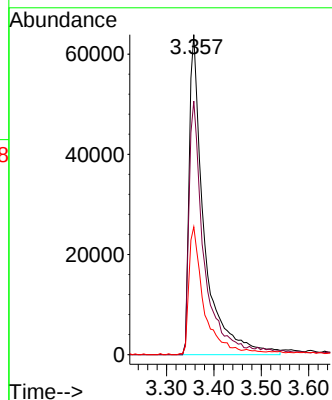
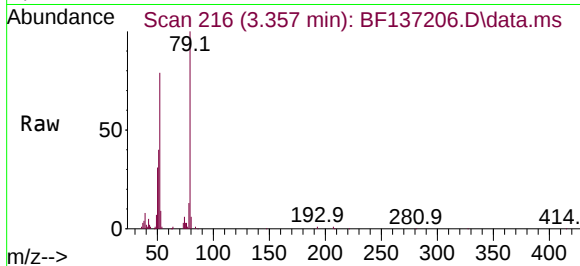




#3
 Pyridine
 Concen: 36.914 ng
 RT: 3.357 min Scan# 210
 Delta R.T. 0.059 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

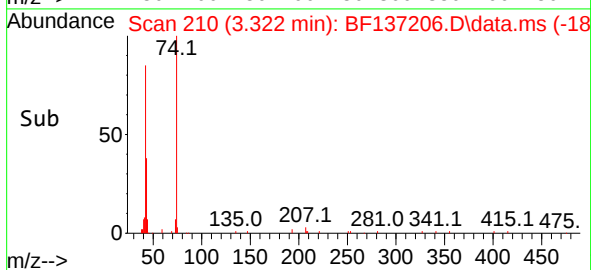
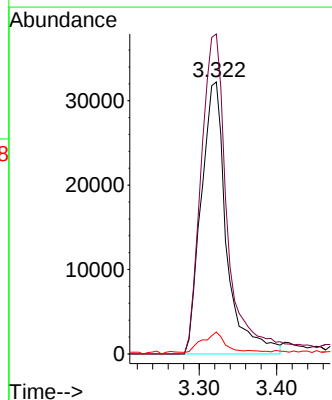
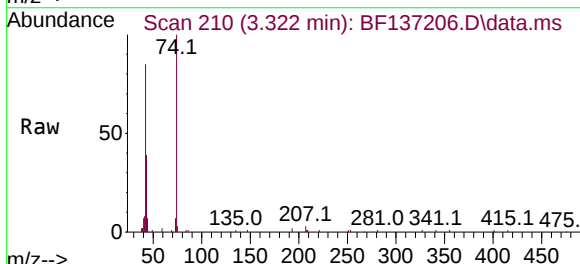
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

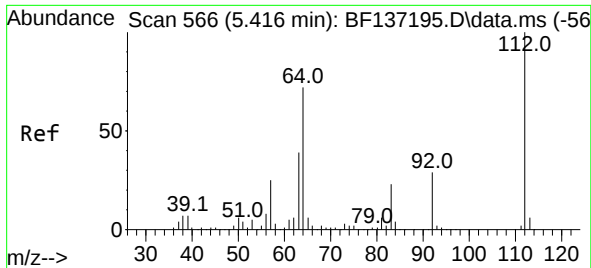
Tgt Ion: 79 Resp: 140901
 Ion Ratio Lower Upper
 79 100
 52 79.2 62.6 94.0
 51 39.9 33.0 49.4



#4
 n-Nitrosodimethylamine
 Concen: 38.625 ng
 RT: 3.322 min Scan# 210
 Delta R.T. 0.059 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion: 42 Resp: 73092
 Ion Ratio Lower Upper
 42 100
 74 117.6 90.5 135.7
 44 8.0 6.1 9.1

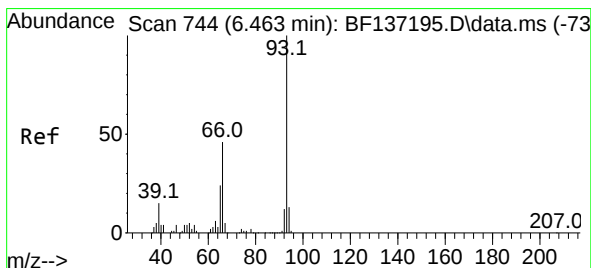
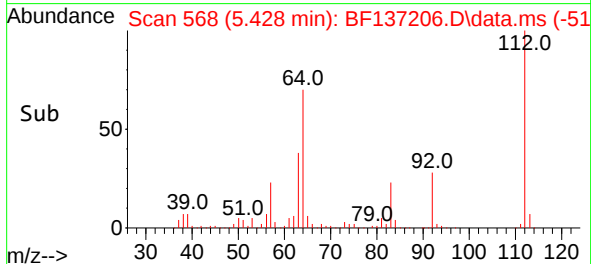
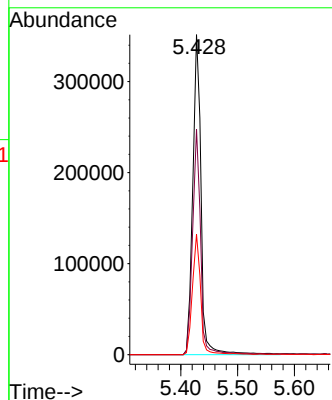
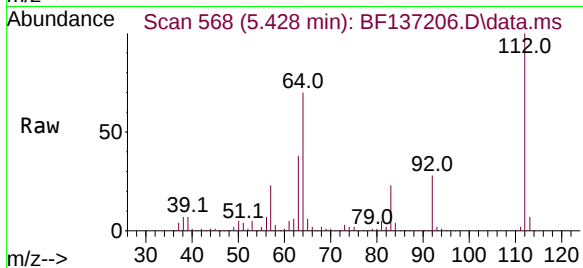




#5
2-Fluorophenol
Concen: 98.315 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

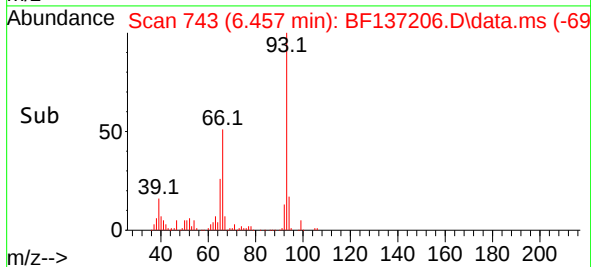
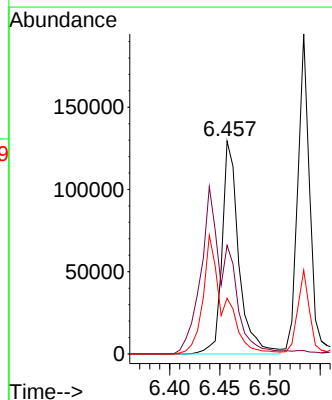
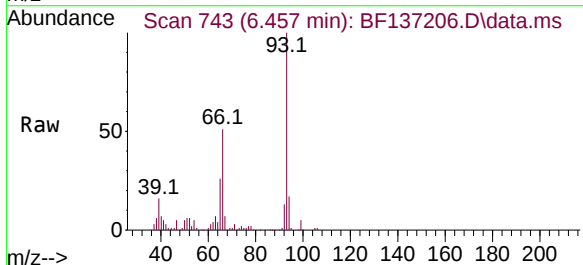
Instrument :
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ClientSampleId :
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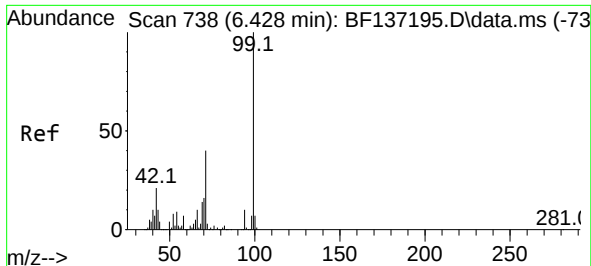
Tgt Ion:112 Resp: 353582
Ion Ratio Lower Upper
112 100
64 70.5 57.8 86.6
63 37.6 31.4 47.0



#6
Aniline
Concen: 27.417 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 93 Resp: 150634
Ion Ratio Lower Upper
93 100
66 51.0 37.9 56.9
65 26.1 19.0 28.4





#7

Phenol-d6

Concen: 90.567 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

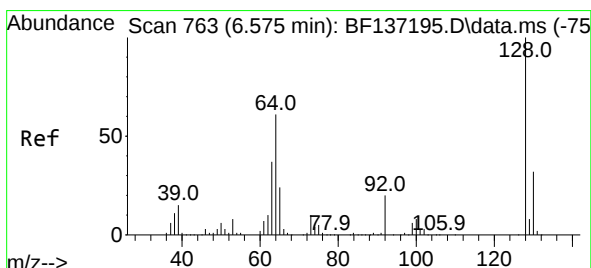
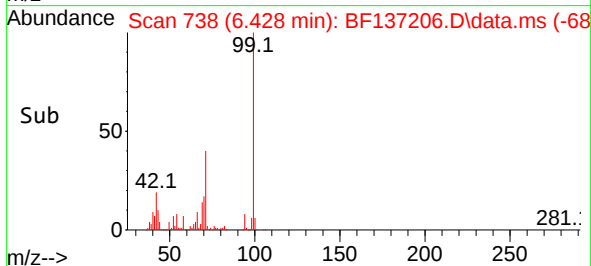
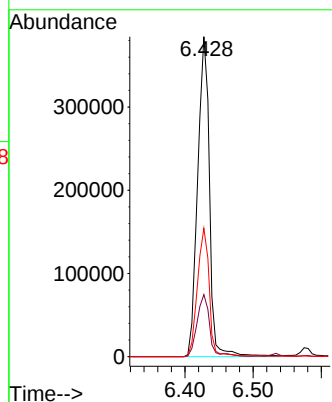
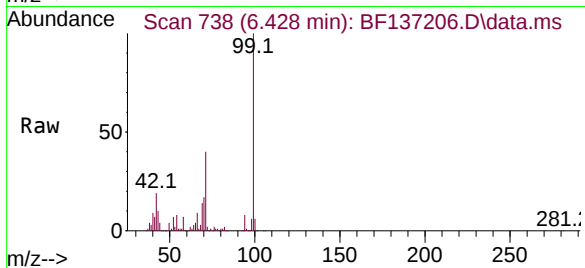
Tgt Ion: 99 Resp: 464832

Ion Ratio Lower Upper

99 100

42 19.4 16.4 24.6

71 40.1 32.4 48.6



#8

2-Chlorophenol

Concen: 39.839 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

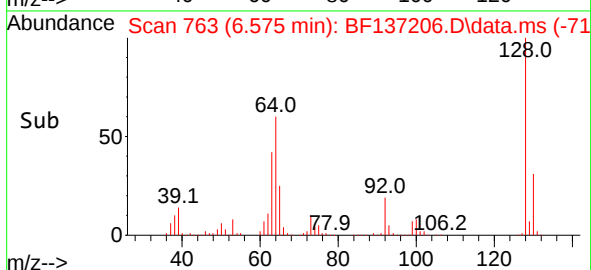
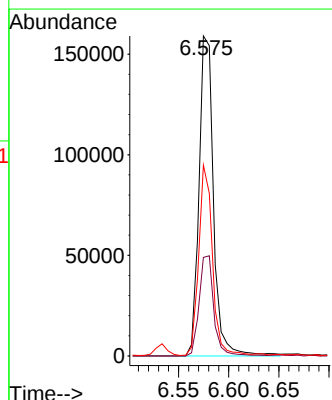
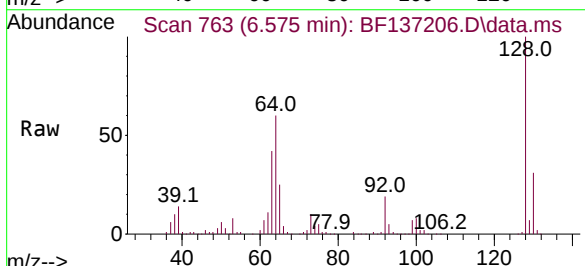
Tgt Ion: 128 Resp: 160203

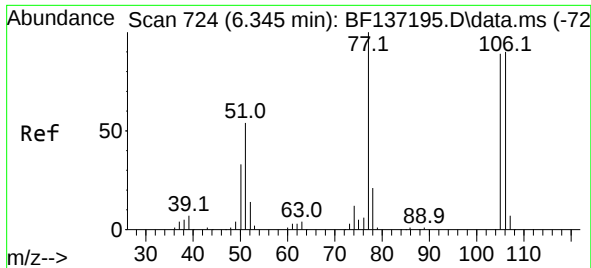
Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

64 59.6 41.6 81.6



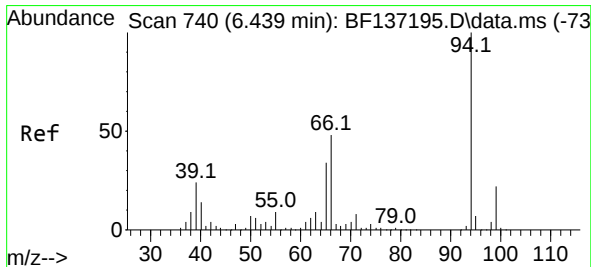
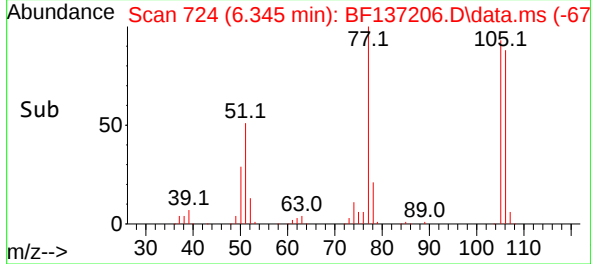
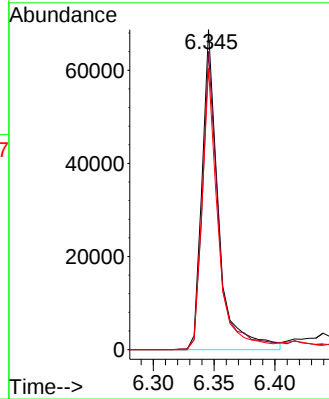
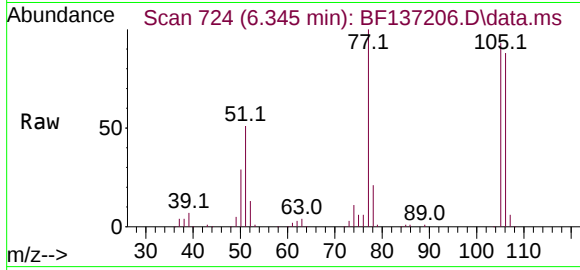


#9
Benzaldehyde
Concen: 33.087 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Instrument :
BNA_F
ClientSampleId :
TP-38MS

Tgt Ion: 77 Resp: 64671

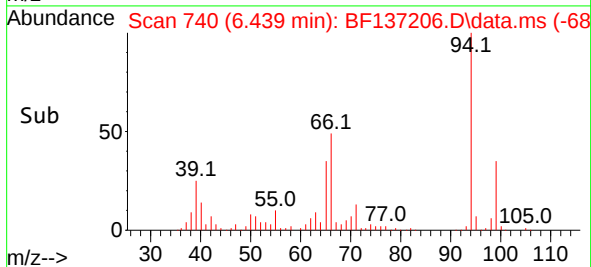
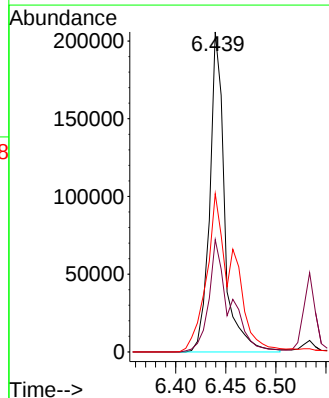
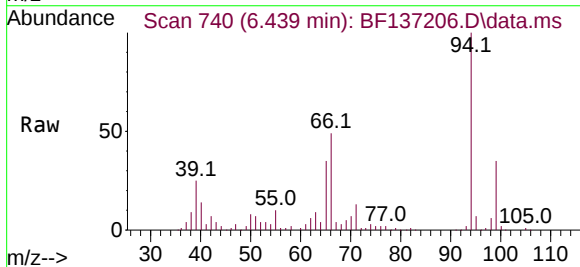
Ion	Ratio	Lower	Upper
77	100		
105	93.1	69.1	109.1
106	88.0	69.6	109.6

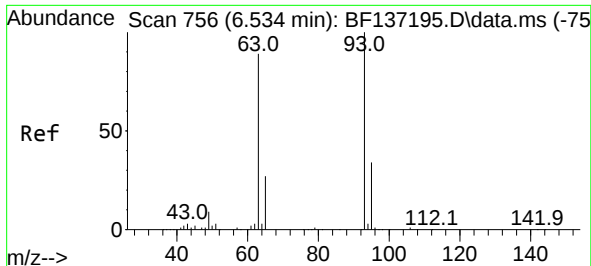


#10
Phenol
Concen: 37.001 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 94 Resp: 211976

Ion	Ratio	Lower	Upper
94	100		
65	35.1	13.7	53.7
66	49.4	27.8	67.8

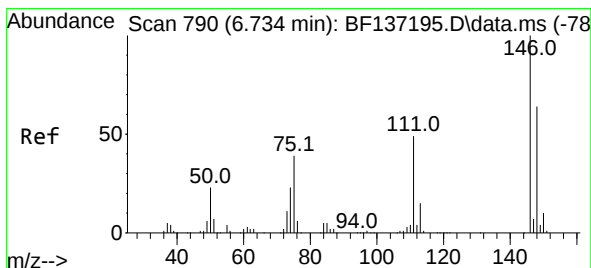
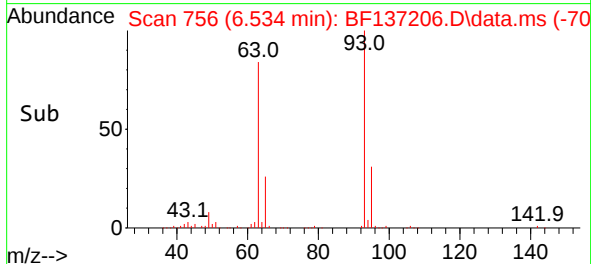
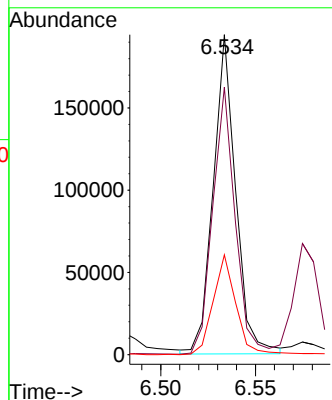
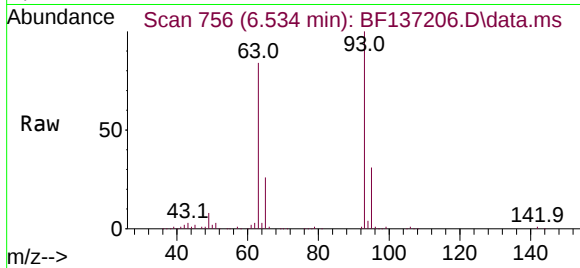




#11
bis(2-Chloroethyl)ether
Concen: 41.829 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

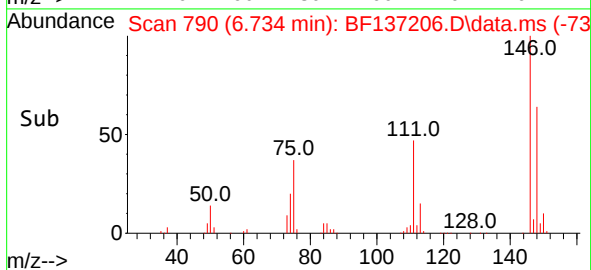
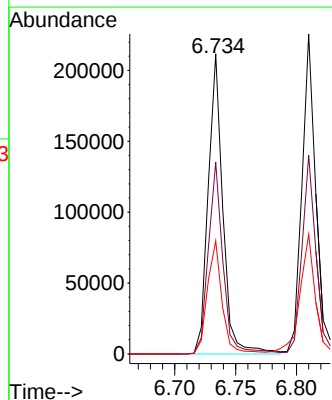
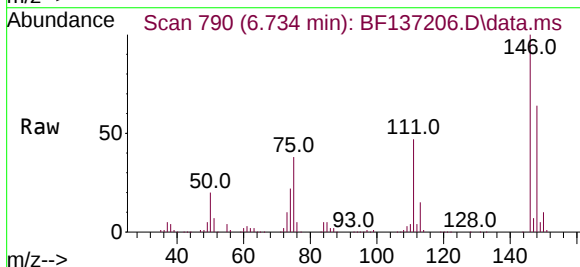
Instrument :
BNA_F
ClientSampleId :
TP-38MS

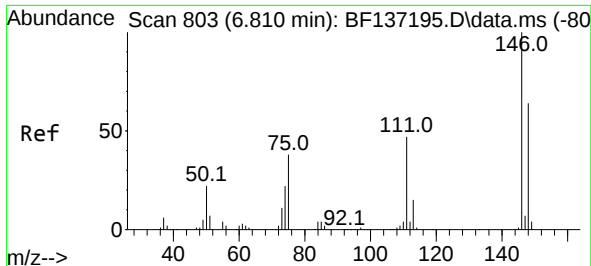
Tgt Ion: 93 Resp: 160148
Ion Ratio Lower Upper
93 100
63 83.6 66.7 106.7
95 31.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.655 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 146 Resp: 177532
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 37.6 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 38.494 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

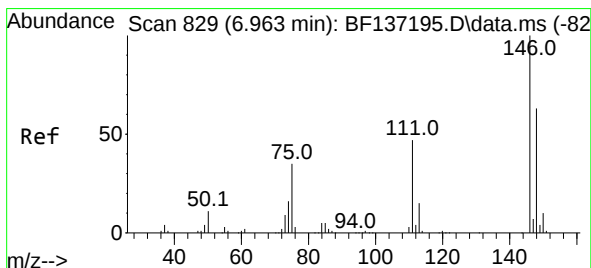
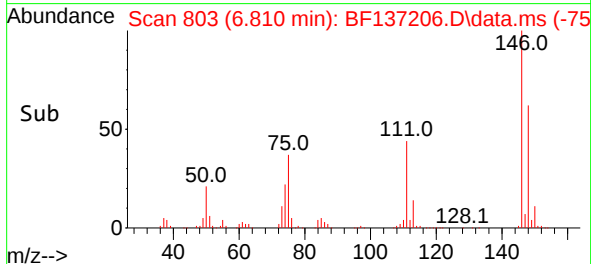
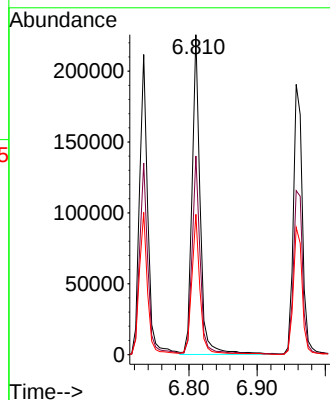
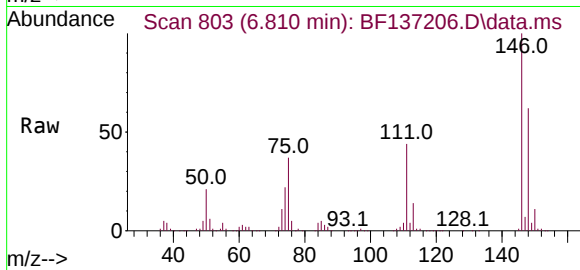
Tgt Ion:146 Resp: 187699

Ion Ratio Lower Upper

146 100

148 62.1 51.5 77.3

111 43.8 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 37.678 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

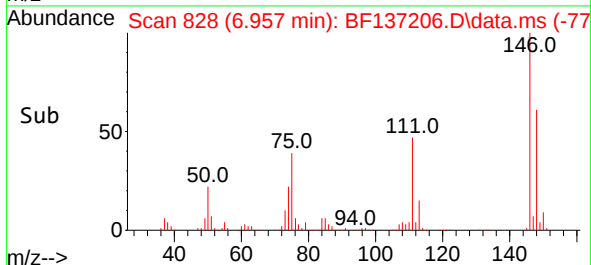
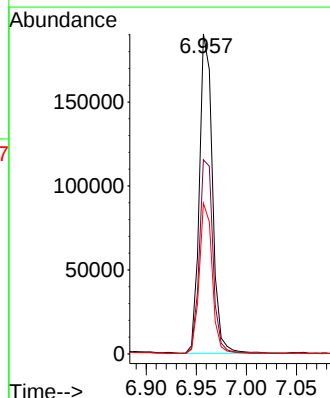
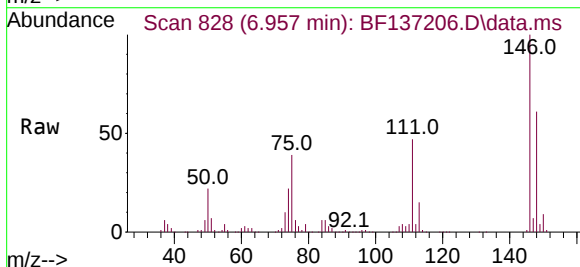
Tgt Ion:146 Resp: 171775

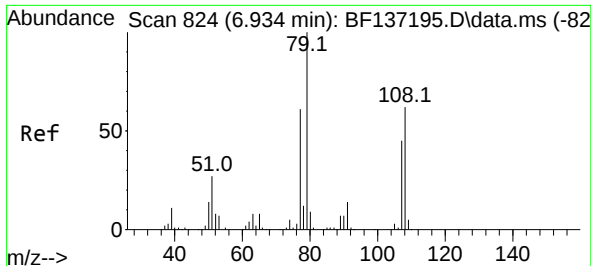
Ion Ratio Lower Upper

146 100

148 60.7 50.6 75.8

111 47.1 37.3 55.9

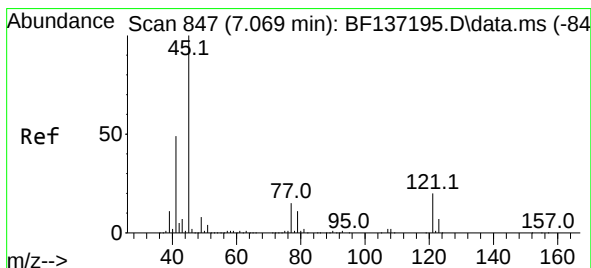
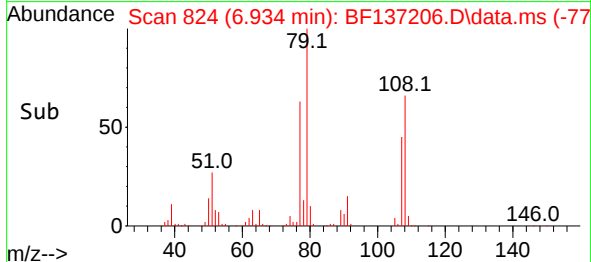
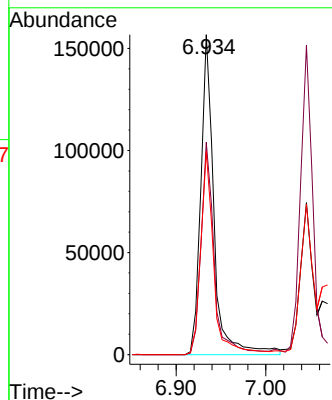
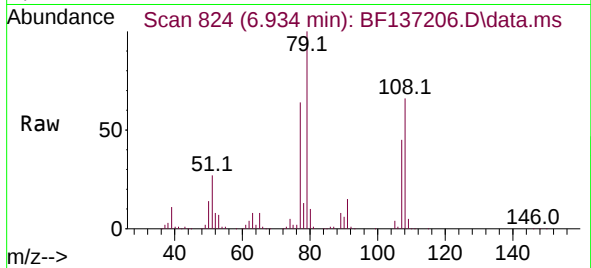




#15
Benzyl Alcohol
Concen: 43.838 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

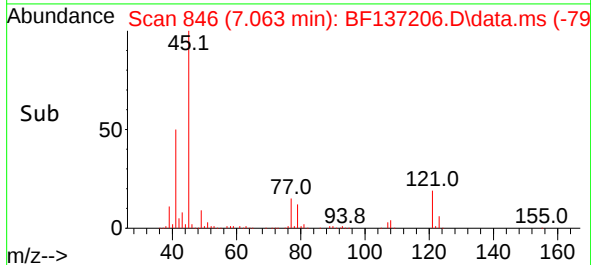
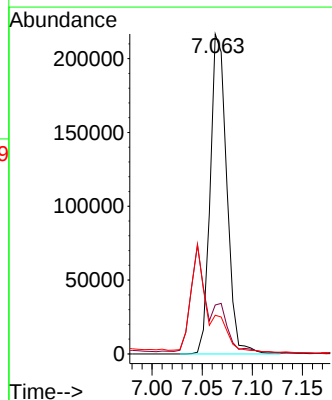
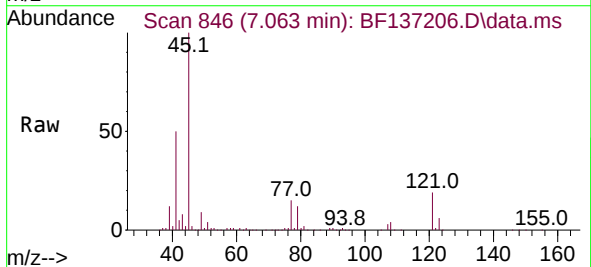
Instrument :
BNA_F
ClientSampleId :
TP-38MS

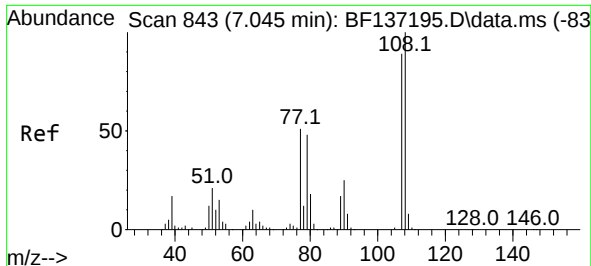
Tgt Ion: 79 Resp: 159848
Ion Ratio Lower Upper
79 100
108 66.3 49.3 73.9
77 63.6 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.868 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 45 Resp: 247370
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.9
79 12.1 0.0 32.4

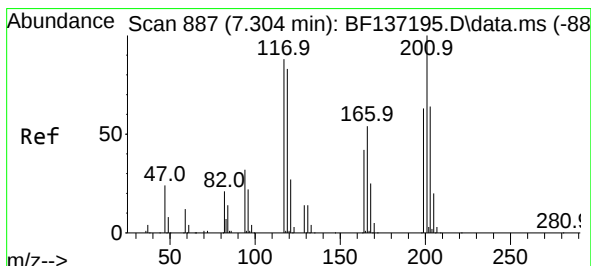
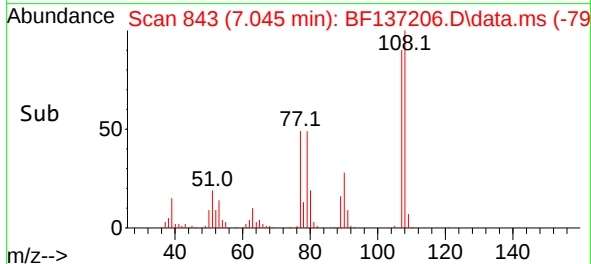
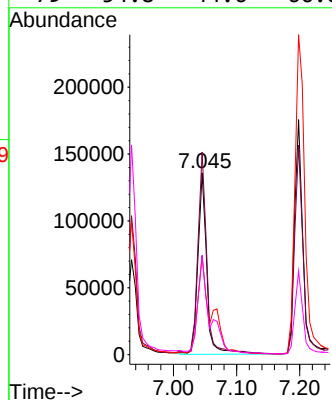
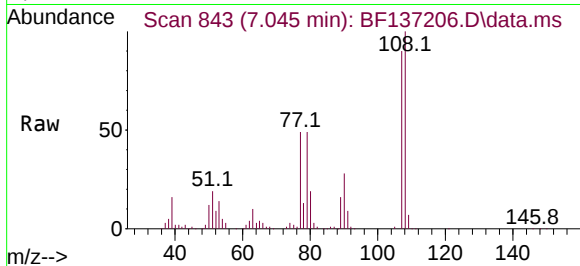




#17
2-Methylphenol
Concen: 39.931 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

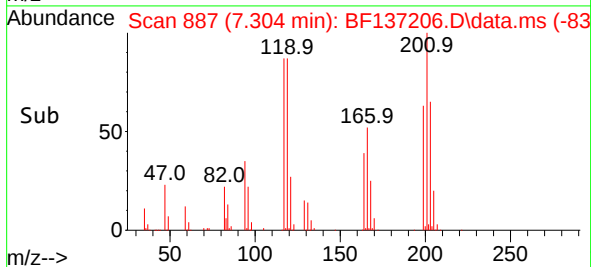
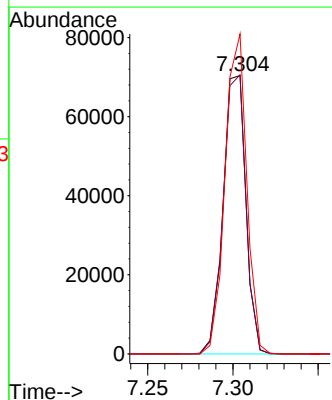
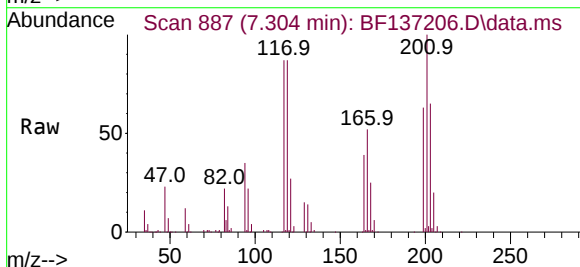
Instrument :
BNA_F
ClientSampleId :
TP-38MS

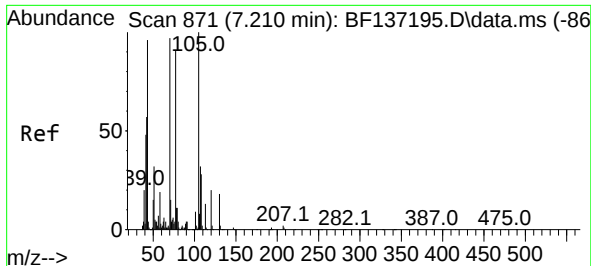
Tgt Ion:	107	Resp:	134149
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.9	134.9
77	54.2	46.6	69.8
79	54.8	44.6	66.8



#18
Hexachloroethane
Concen: 37.207 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:	117	Resp:	65432
Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.2	114.4
201	115.0	91.4	137.0

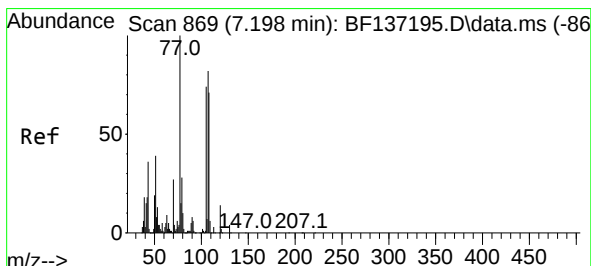
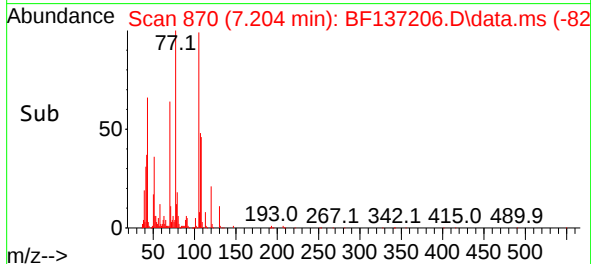
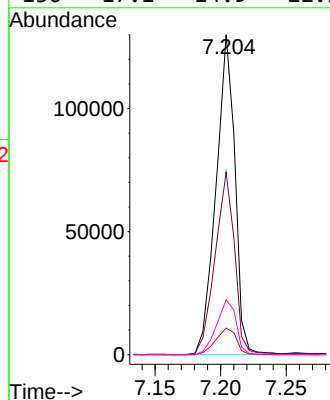
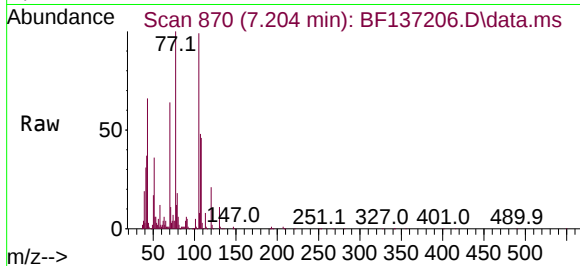




#19
n-Nitroso-di-n-propylamine
Concen: 37.152 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

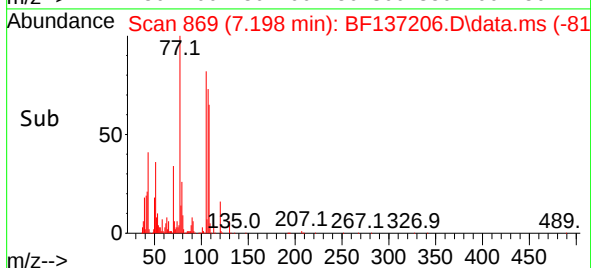
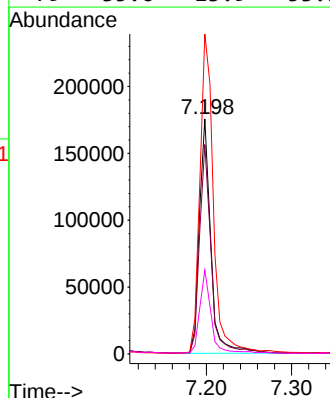
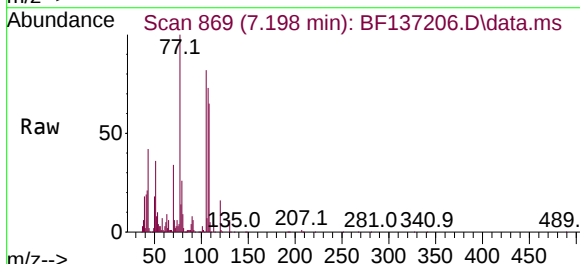
Instrument :
BNA_F
ClientSampleId :
TP-38MS

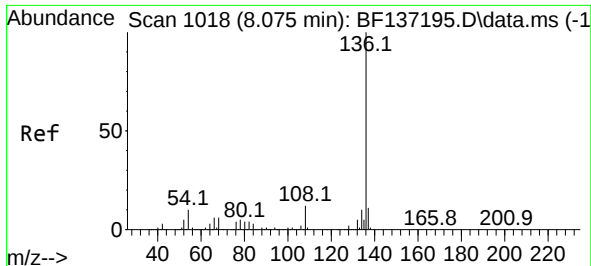
Tgt Ion: 70 Resp: 130739
Ion Ratio Lower Upper
70 100
42 57.0 47.2 70.8
101 8.3 7.4 11.0
130 17.1 14.9 22.3



#20
3+4-Methylphenols
Concen: 38.750 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:107 Resp: 164797
Ion Ratio Lower Upper
107 100
108 89.1 66.3 106.3
77 136.1 101.4 141.4
79 35.6 13.9 53.9

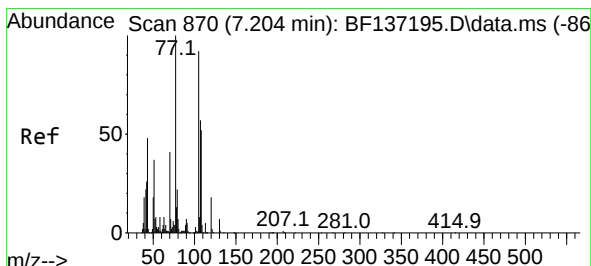
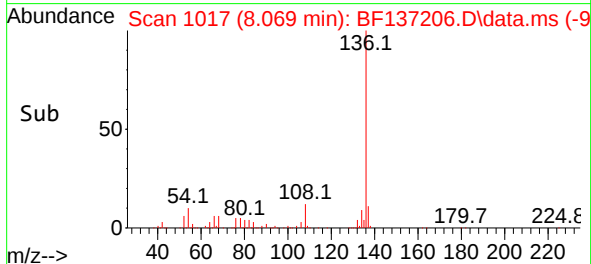
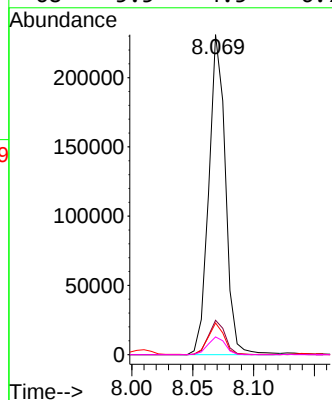
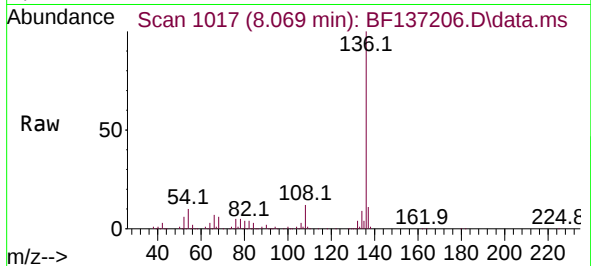




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

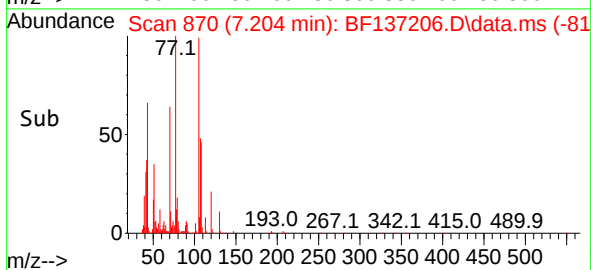
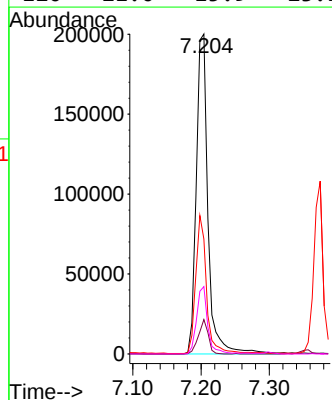
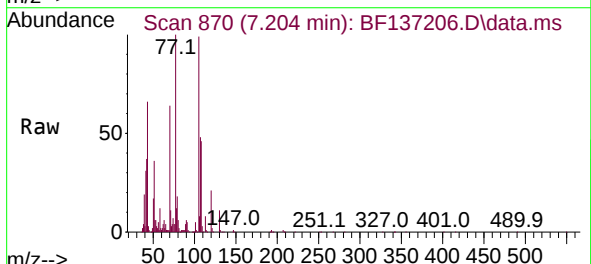
Instrument :
BNA_F
ClientSampleId :
TP-38MS

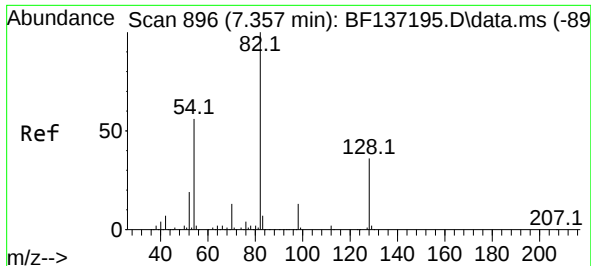
Tgt Ion:136	Resp: 220015
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 9.9	7.8 11.8
68 5.5	4.5 6.7



#22
Acetophenone
Concen: 40.474 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt	Ion:105	Resp:	239731
Ion	Ratio	Lower	Upper
105	100		
71	10.7	5.7	8.5#
51	35.9	32.2	48.4
120	21.0	15.9	23.9

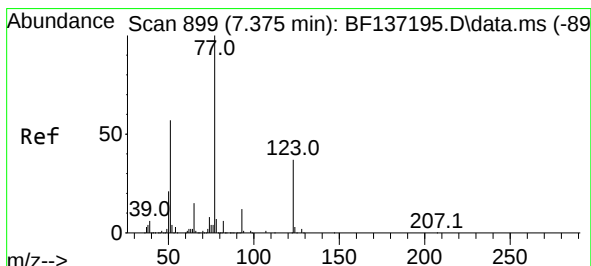
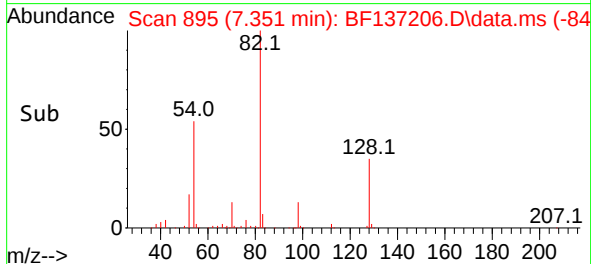
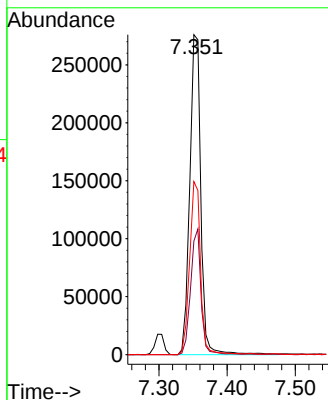
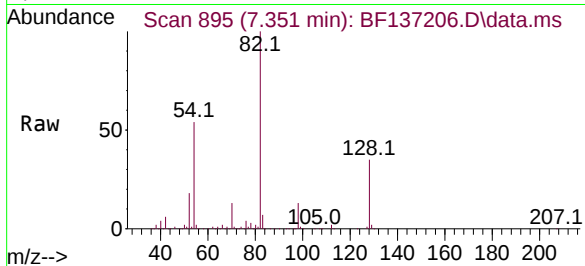




#23
Nitrobenzene-d5
Concen: 63.550 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

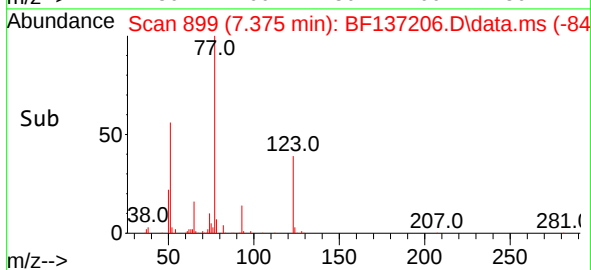
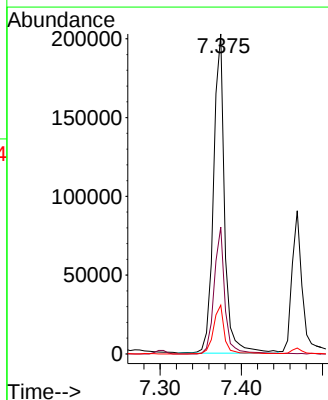
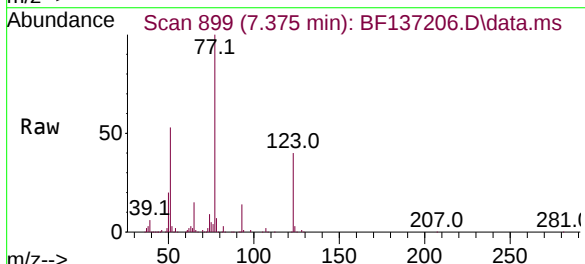
Instrument :
BNA_F
ClientSampleId :
TP-38MS

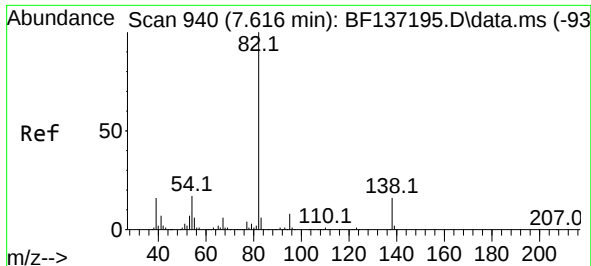
Tgt Ion: 82 Resp: 312294
Ion Ratio Lower Upper
82 100
128 35.5 29.1 43.7
54 54.1 45.0 67.6



#24
Nitrobenzene
Concen: 40.499 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 77 Resp: 193165
Ion Ratio Lower Upper
77 100
123 39.6 29.3 43.9
65 15.2 12.0 18.0

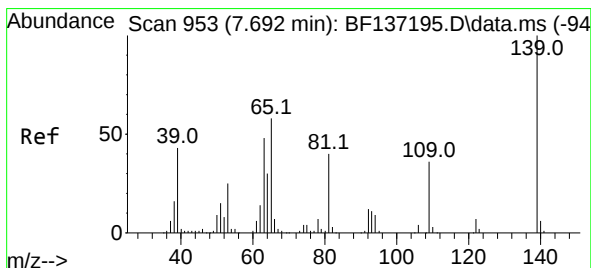
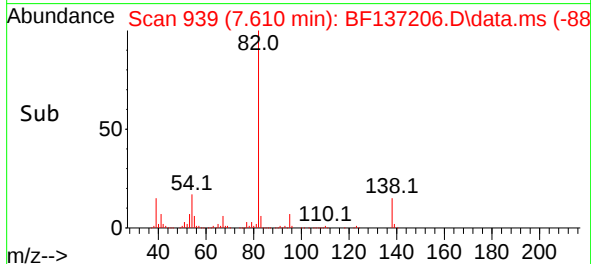
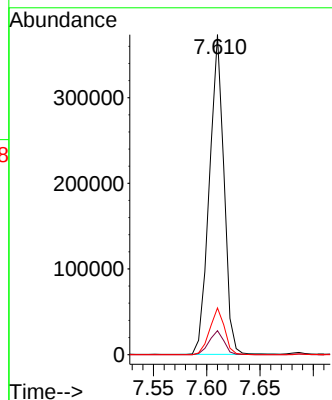
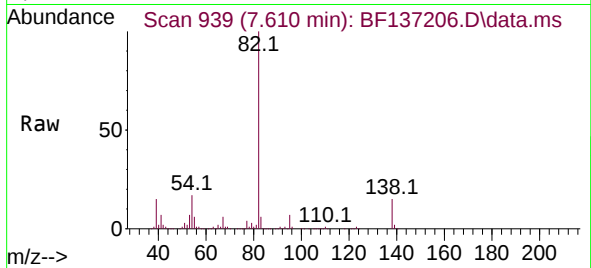




#25
Isophorone
Concen: 39.178 ng
RT: 7.610 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

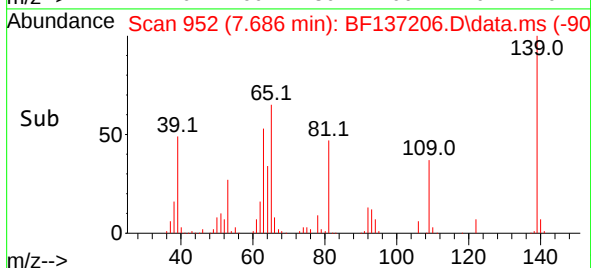
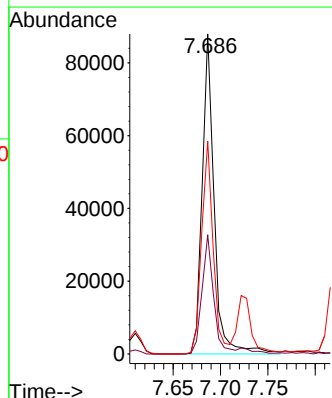
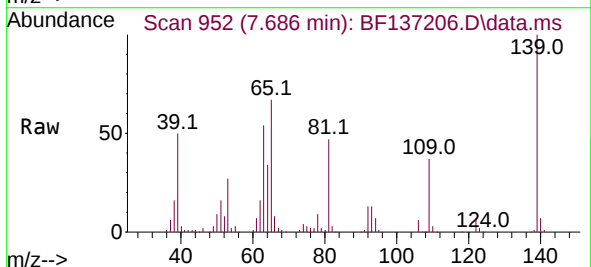
Instrument :
BNA_F
ClientSampleId :
TP-38MS

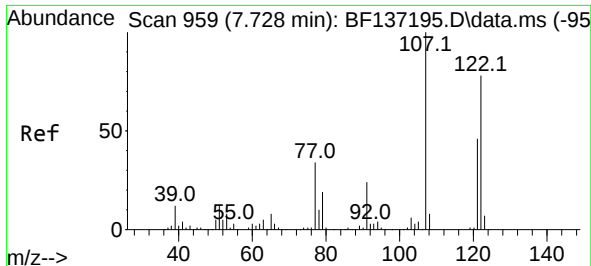
Tgt Ion: 82 Resp: 355369
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 14.6 12.7 19.1



#26
2-Nitrophenol
Concen: 42.279 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 139 Resp: 77503
Ion Ratio Lower Upper
139 100
109 37.2 28.5 42.7
65 66.5 46.7 70.1



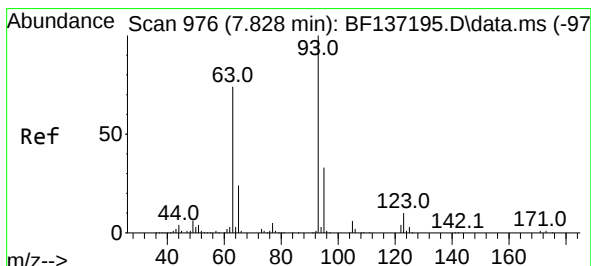
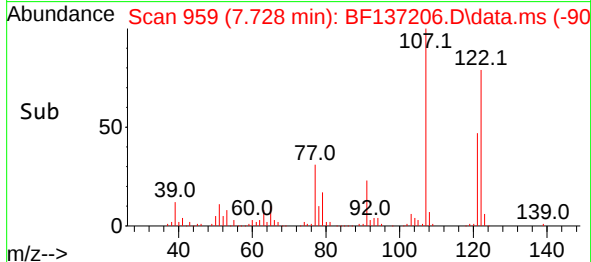
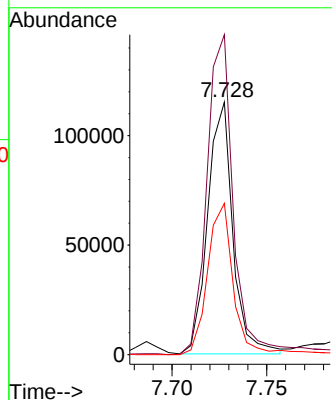
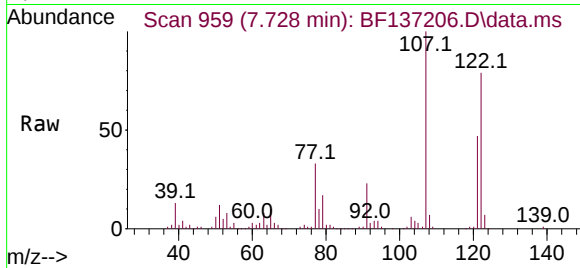


#27
2,4-Dimethylphenol
Concen: 41.089 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Instrument :
BNA_F
ClientSampleId :
TP-38MS

Tgt Ion:122 Resp: 106529

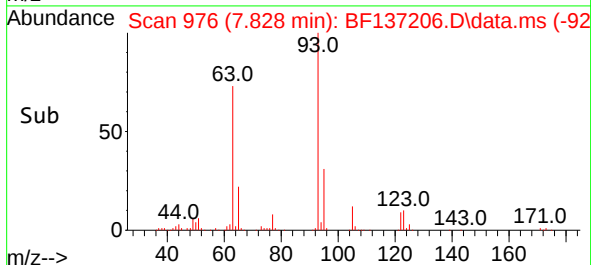
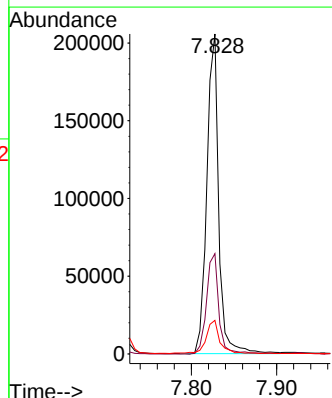
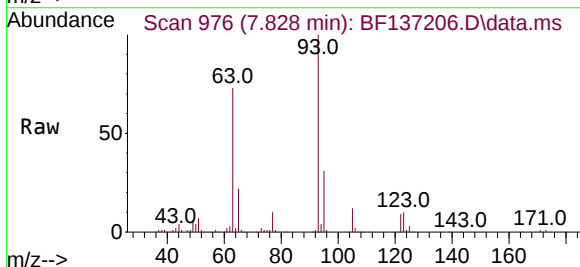
Ion	Ratio	Lower	Upper
122	100		
107	126.7	101.8	152.6
121	59.9	46.6	69.8

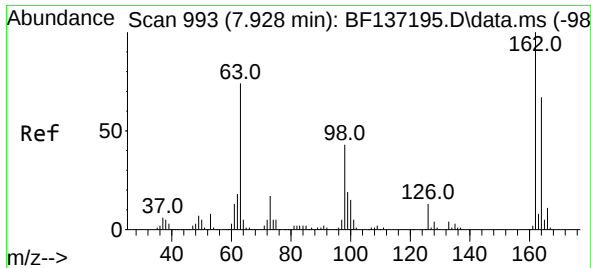


#28
bis(2-Chloroethoxy)methane
Concen: 41.183 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 93 Resp: 198370

Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.1	39.1
123	10.5	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 41.342 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

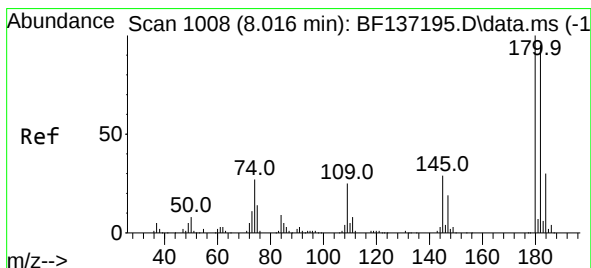
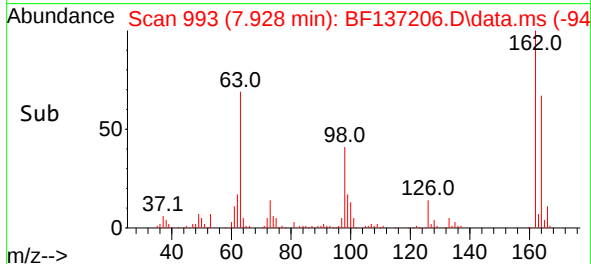
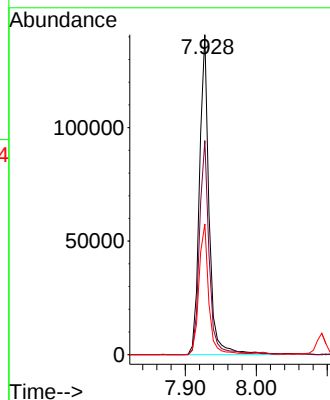
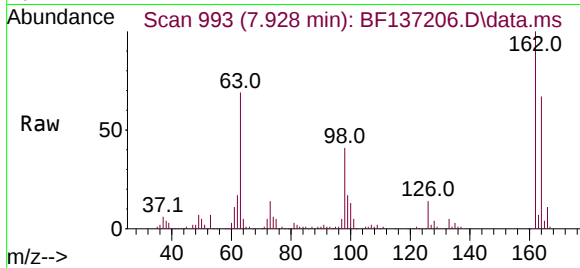
Tgt Ion:162 Resp: 132967

Ion Ratio Lower Upper

162 100

164 66.9 46.7 86.7

98 40.8 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 39.238 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

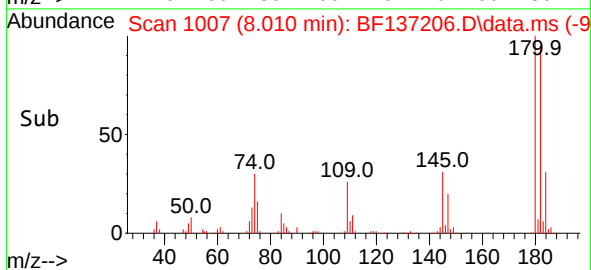
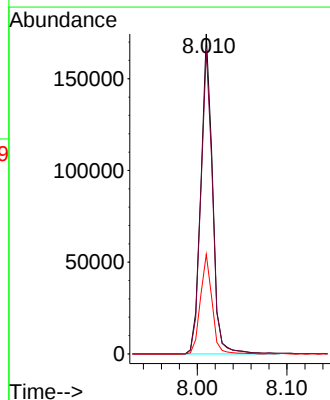
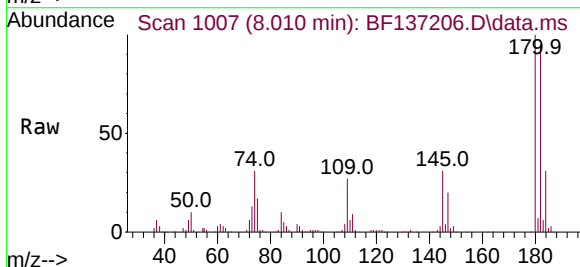
Tgt Ion:180 Resp: 156758

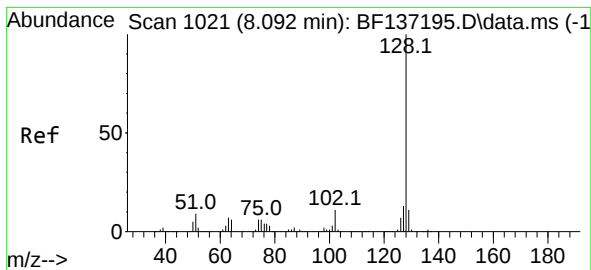
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.1 23.2 34.8





#31

Naphthalene

Concen: 39.015 ng

RT: 8.092 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

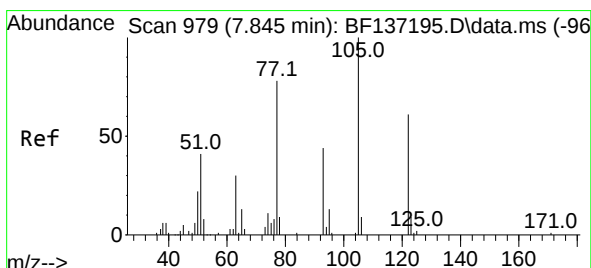
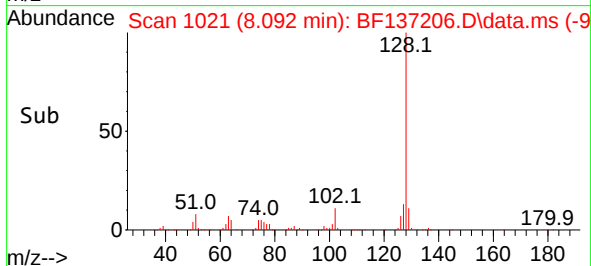
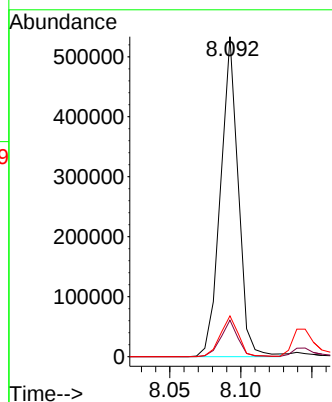
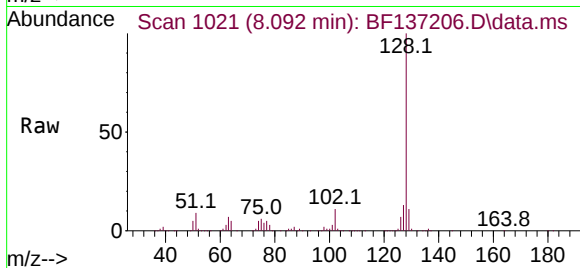
Tgt Ion:128 Resp: 464052

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 12.7 10.5 15.7



#32

Benzoic acid

Concen: 35.748 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

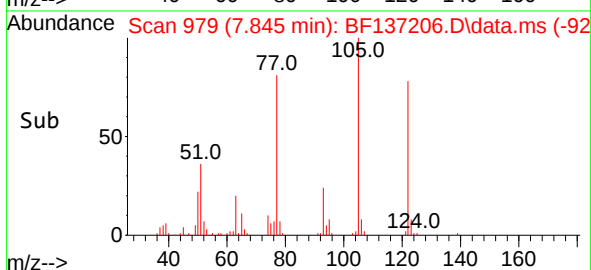
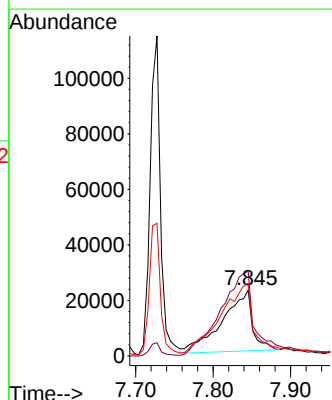
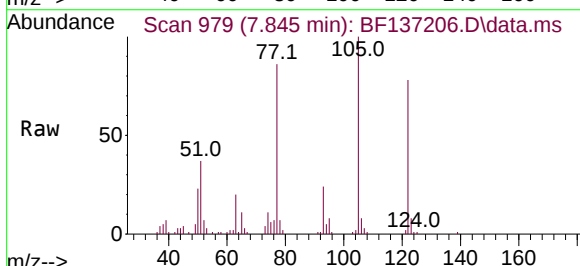
Tgt Ion:122 Resp: 60095

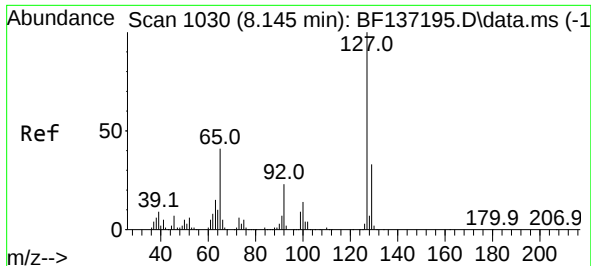
Ion Ratio Lower Upper

122 100

105 128.7 122.5 162.5

77 110.4 96.4 136.4

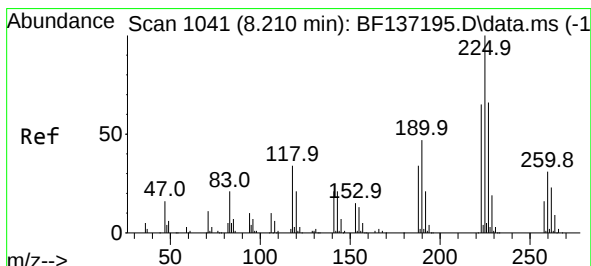
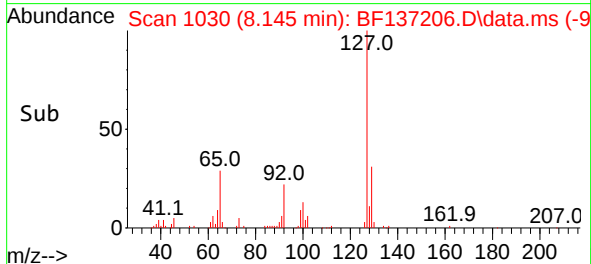
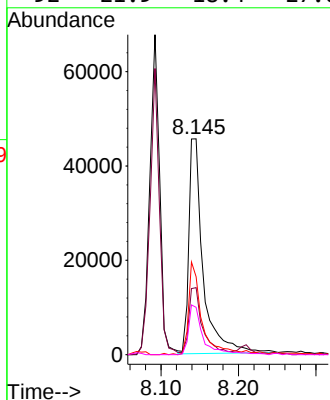
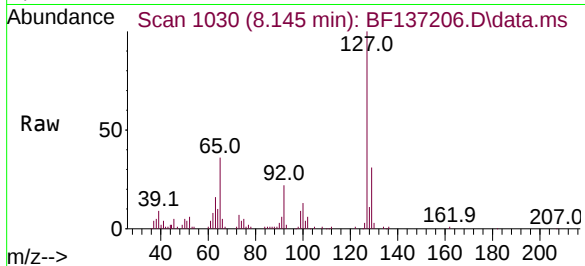




#33
4-Chloroaniline
Concen: 14.328 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

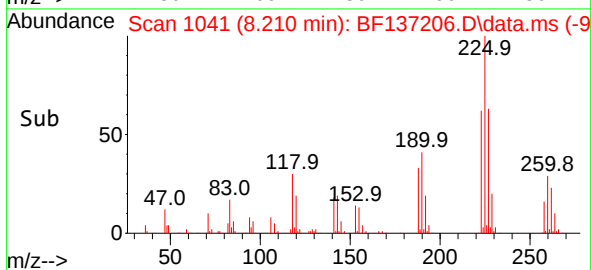
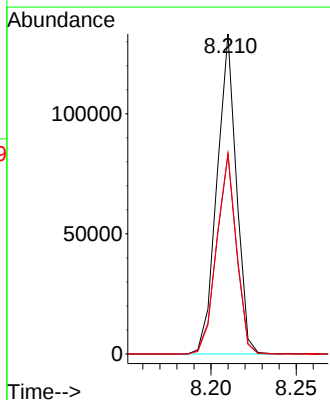
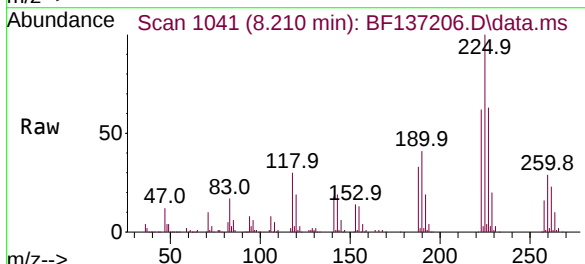
Instrument :
BNA_F
ClientSampleId :
TP-38MS

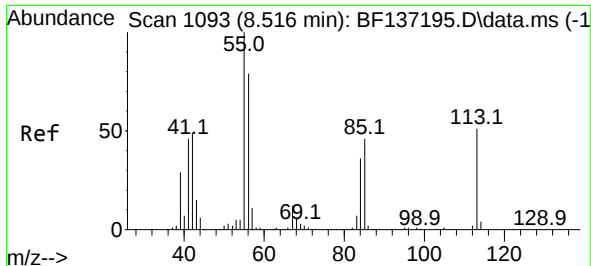
Tgt Ion:127	Resp:	58620
Ion Ratio	Lower	Upper
127	100	
129	31.0	26.8 40.2
65	36.1	32.9 49.3
92	21.9	18.4 27.6



#34
Hexachlorobutadiene
Concen: 39.743 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:225	Resp:	105574
Ion Ratio	Lower	Upper
225	100	
223	62.3	52.0 78.0
227	62.6	52.9 79.3

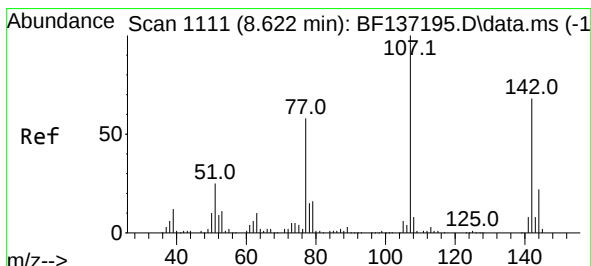
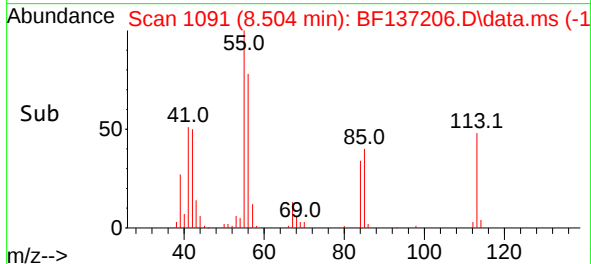
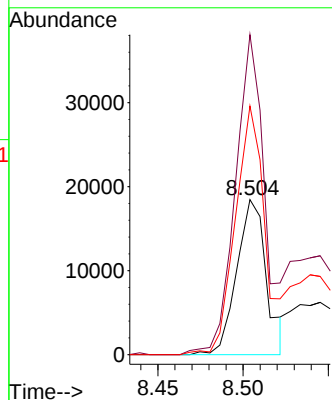
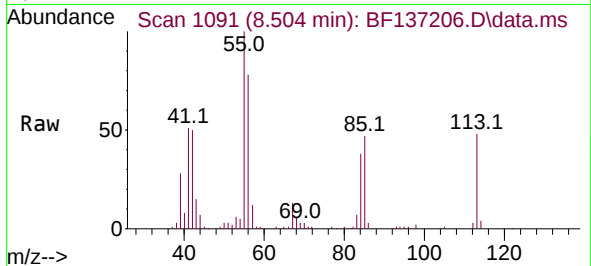




#35
 Caprolactam
 Concen: 22.322 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

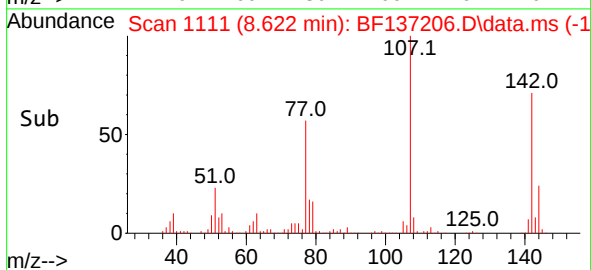
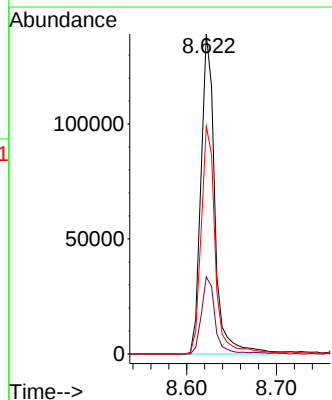
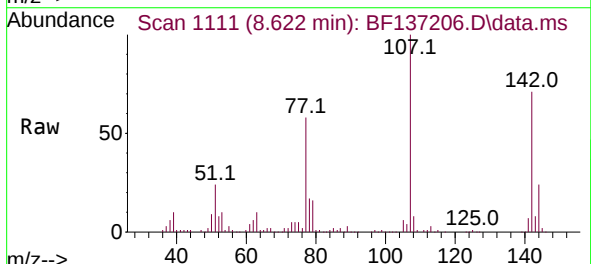
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

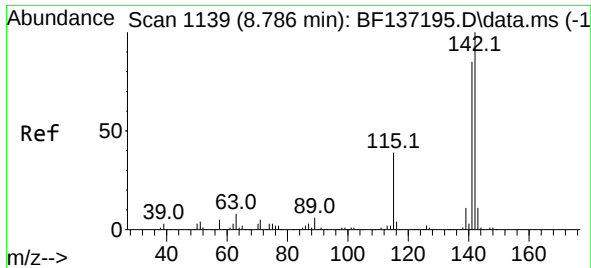
Tgt Ion:113 Resp: 22324
 Ion Ratio Lower Upper
 113 100
 55 206.4 176.0 216.0
 56 160.3 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.338 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion:107 Resp: 149438
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.2 25.8
 142 71.1 54.6 82.0





#37

2-Methylnaphthalene

Concen: 38.833 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

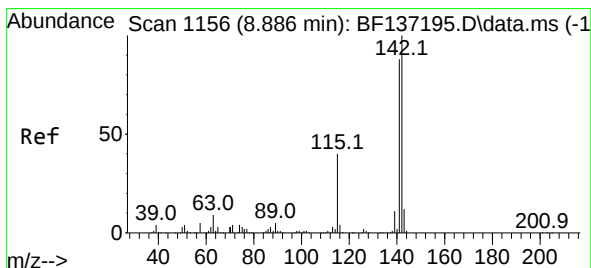
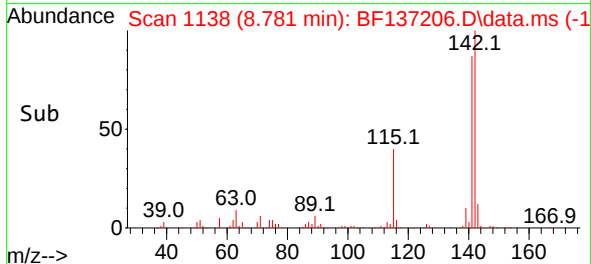
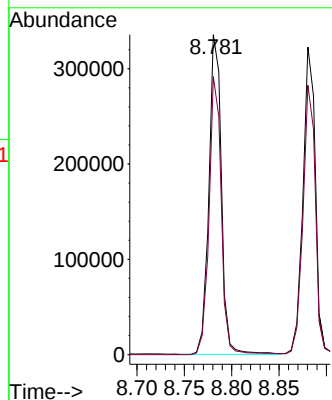
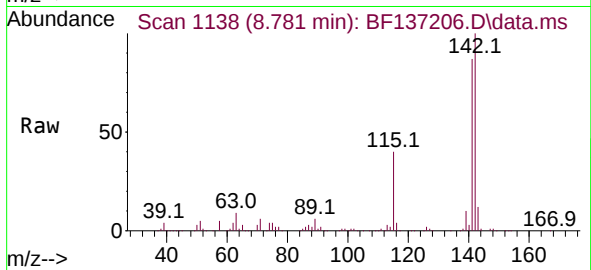
TP-38MS

Tgt Ion:142 Resp: 309659

Ion Ratio Lower Upper

142 100

141 86.9 67.8 101.8



#38

1-Methylnaphthalene

Concen: 39.463 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137206.D

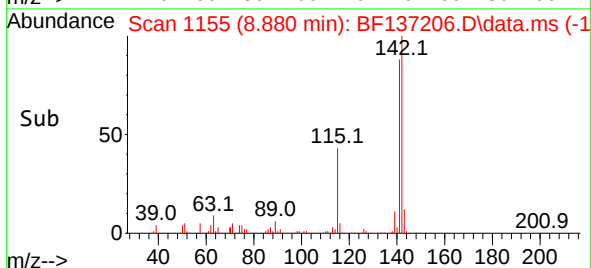
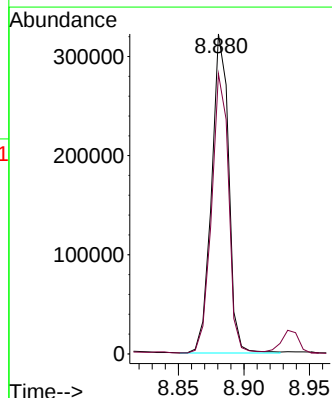
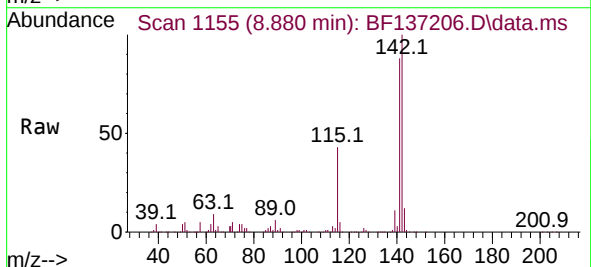
Acq: 31 Jan 2024 13:05

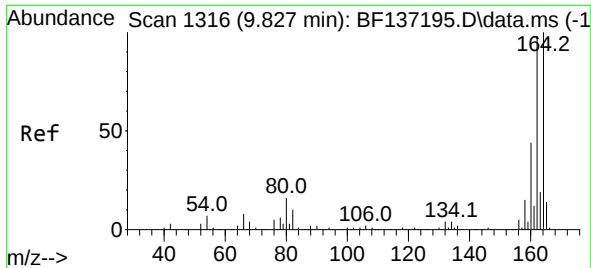
Tgt Ion:142 Resp: 292281

Ion Ratio Lower Upper

142 100

141 87.5 70.6 105.8

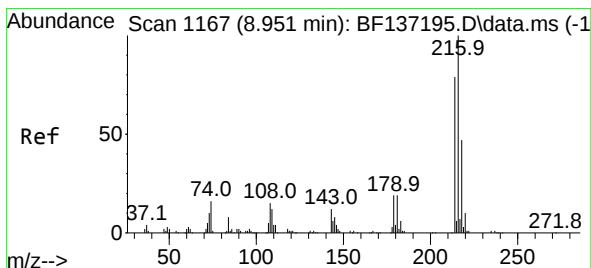
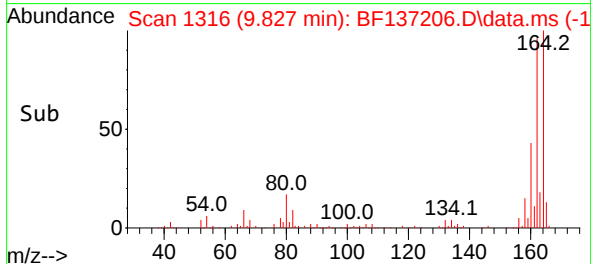
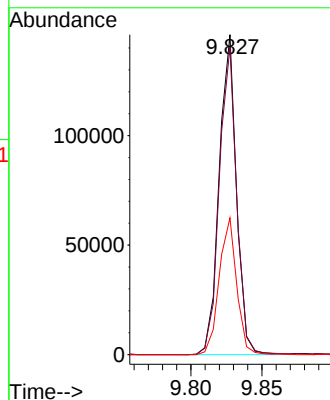
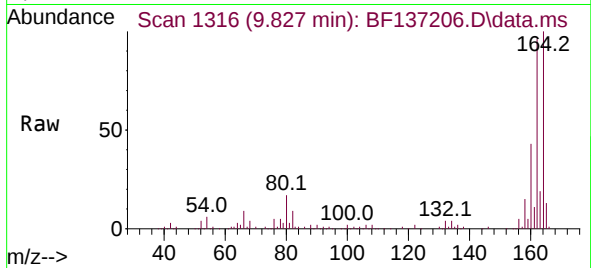




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.827 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

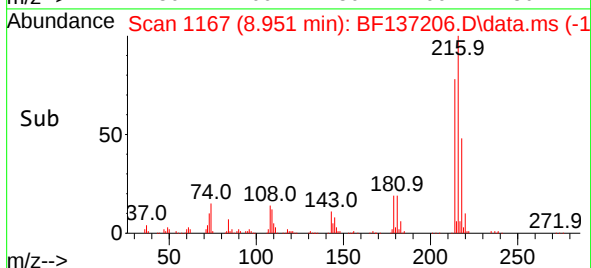
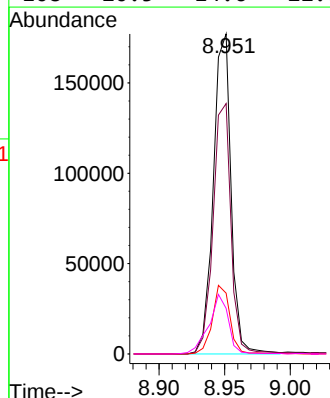
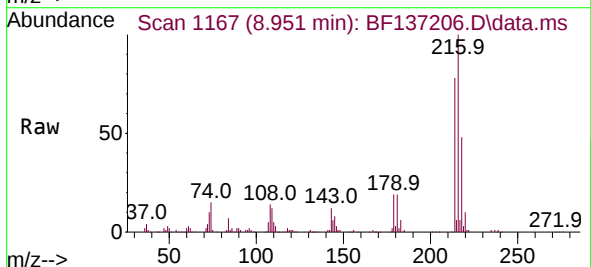
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

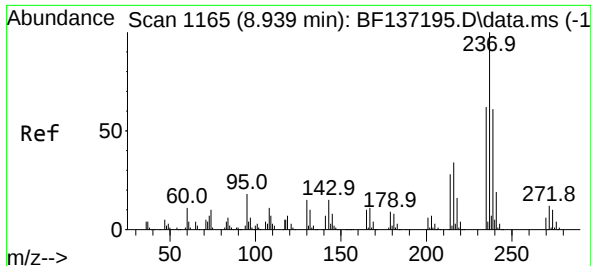
Tgt Ion:164 Resp: 123387
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.3 117.5
 160 42.7 35.4 53.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.332 ng
 RT: 8.951 min Scan# 1167
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion:216 Resp: 166518
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.9 95.9
 179 21.3 16.2 24.2
 108 20.5 14.6 22.0

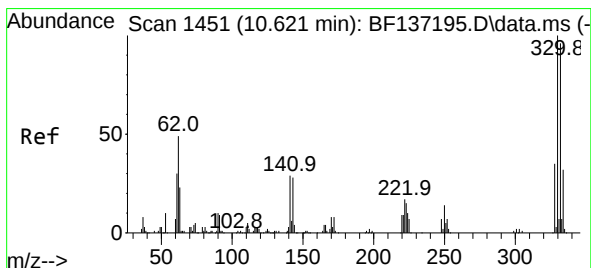
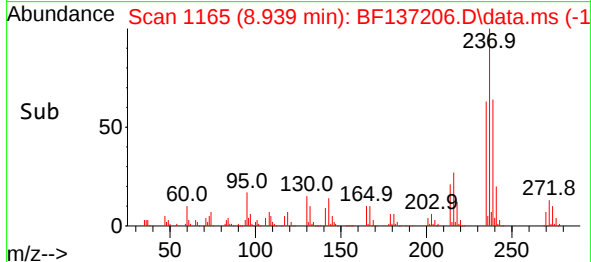
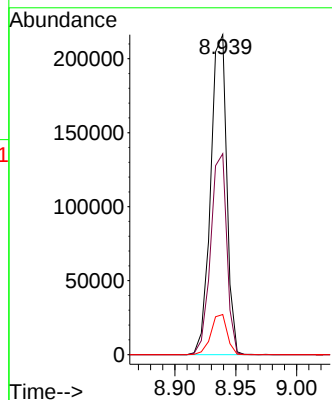
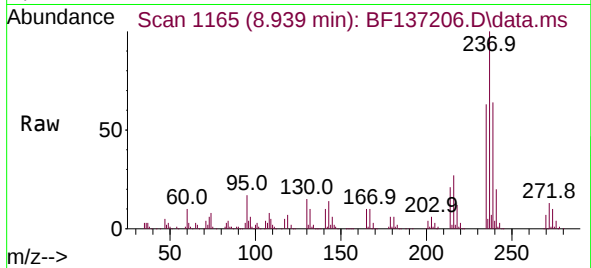




#41
Hexachlorocyclopentadiene
Concen: 101.055 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

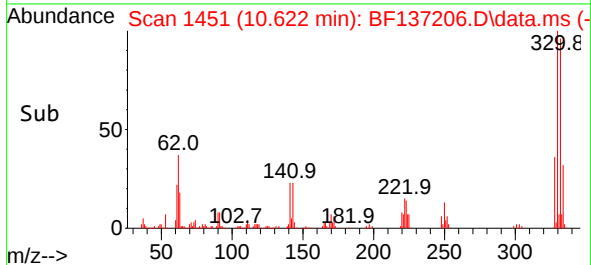
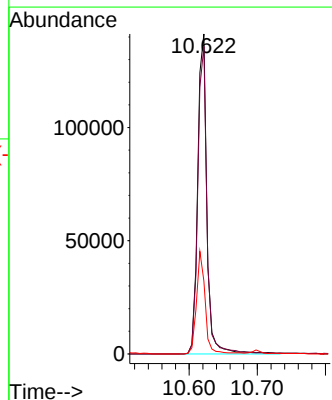
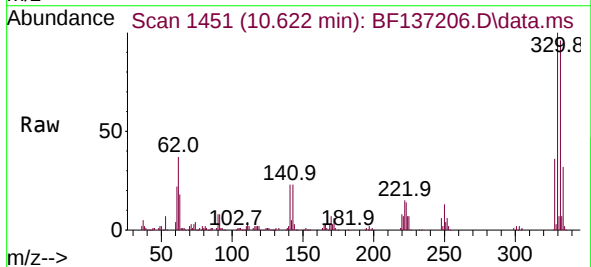
Instrument :
BNA_F
ClientSampleId :
TP-38MS

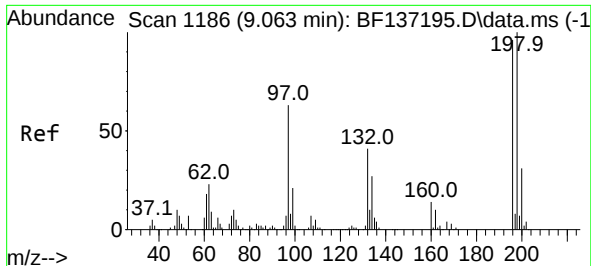
Tgt Ion:237 Resp: 198716
Ion Ratio Lower Upper
237 100
235 62.8 41.6 81.6
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 95.199 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:330 Resp: 132658
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.2 25.2 37.8

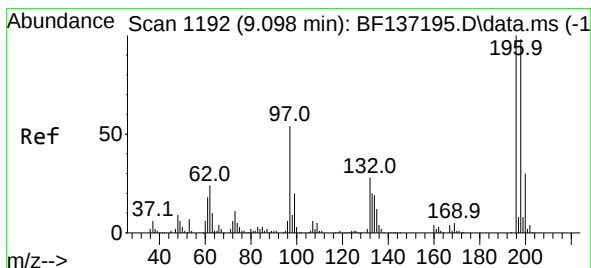
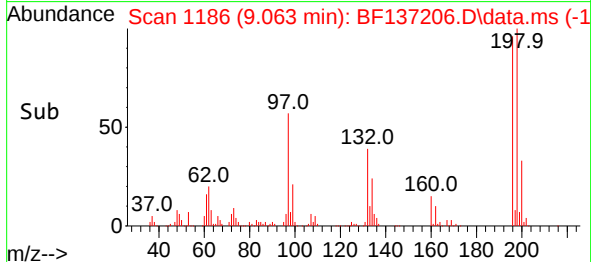
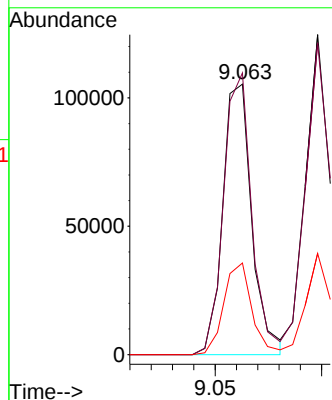
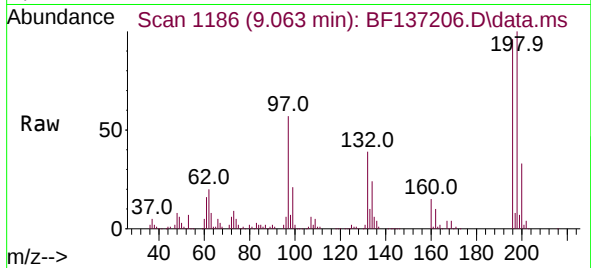




#43
2,4,6-Trichlorophenol
Concen: 42.751 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

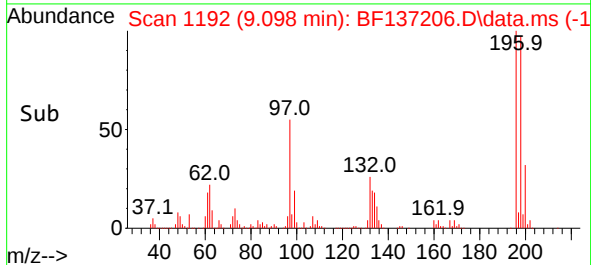
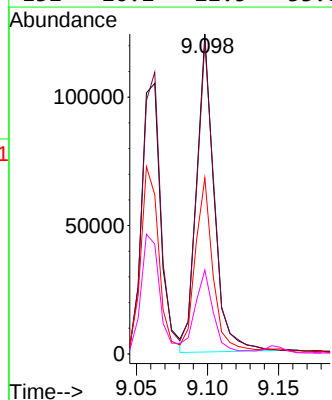
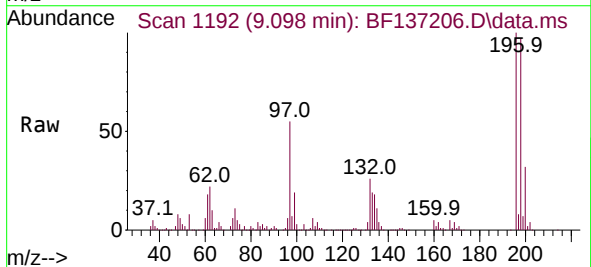
Instrument :
BNA_F
ClientSampleId :
TP-38MS

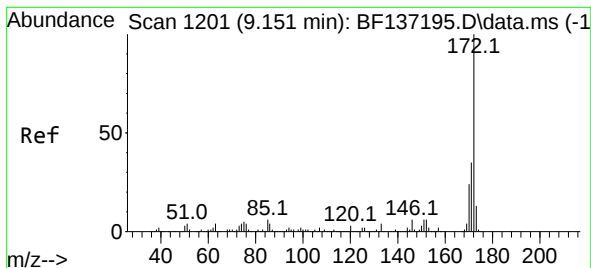
Tgt Ion:196 Resp: 100113
Ion Ratio Lower Upper
196 100
198 104.1 83.0 124.6
200 33.9 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.390 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:196 Resp: 105946
Ion Ratio Lower Upper
196 100
198 97.4 78.2 117.4
97 55.0 44.2 66.2
132 26.2 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 62.417 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

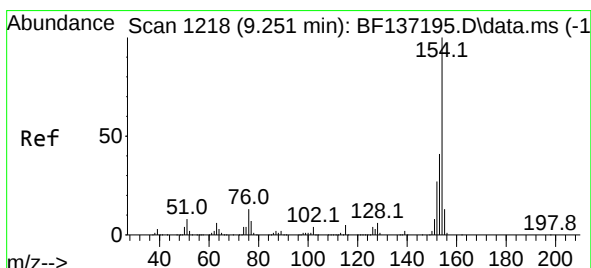
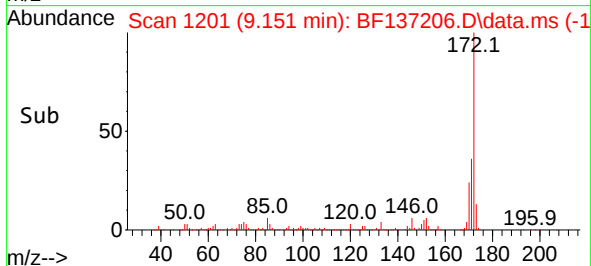
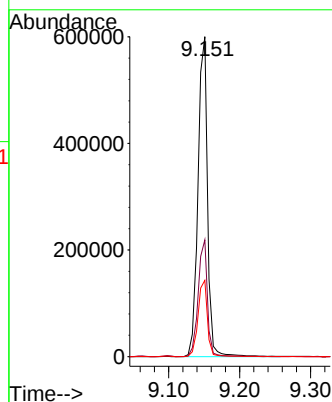
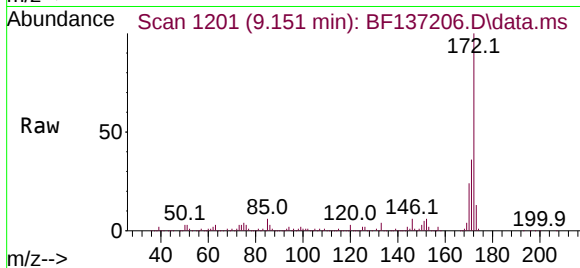
Tgt Ion:172 Resp: 560236

Ion Ratio Lower Upper

172 100

171 36.5 28.3 42.5

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.873 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

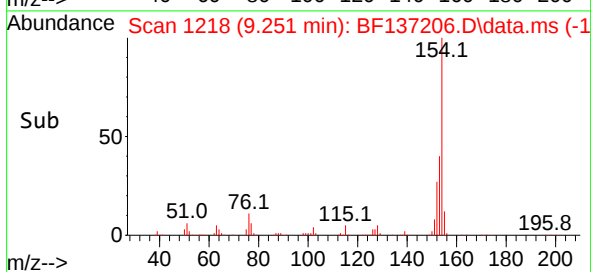
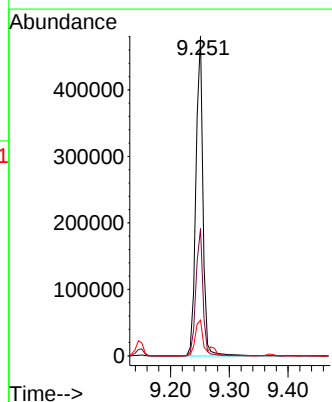
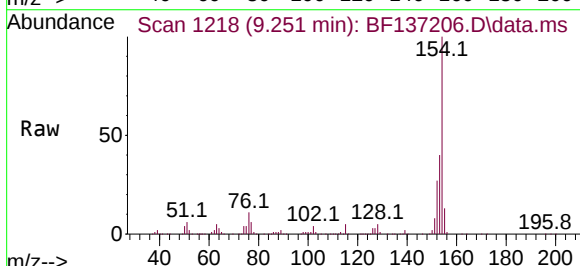
Tgt Ion:154 Resp: 401254

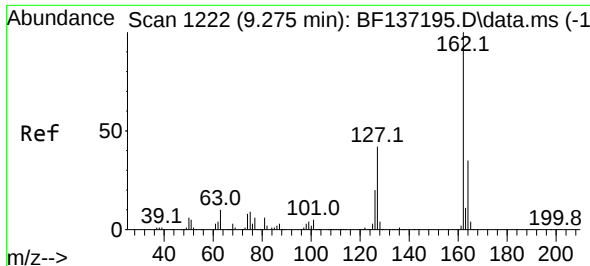
Ion Ratio Lower Upper

154 100

153 39.8 21.2 61.2

76 11.2 0.0 33.0

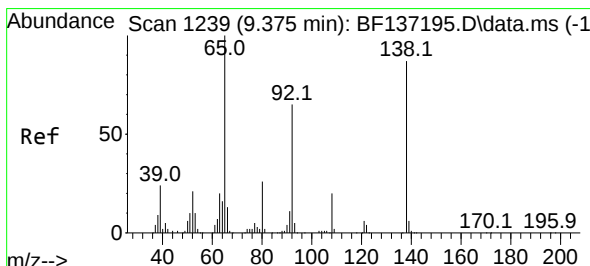
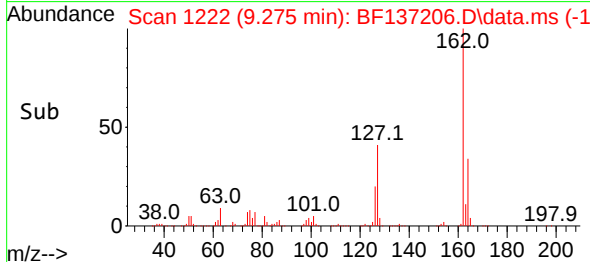
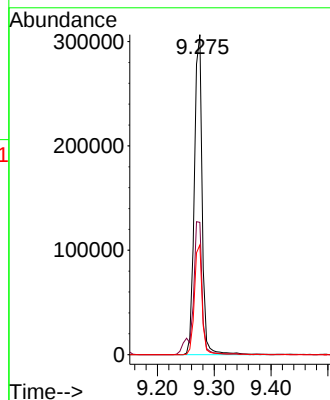
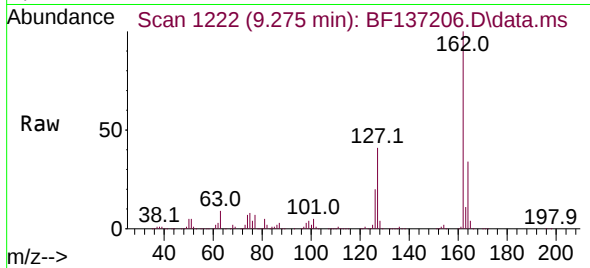




#47
2-Chloronaphthalene
Concen: 40.251 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

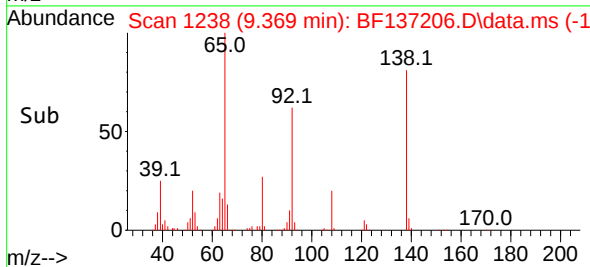
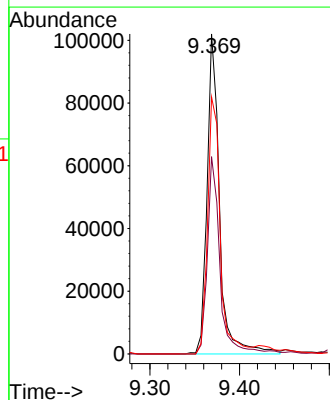
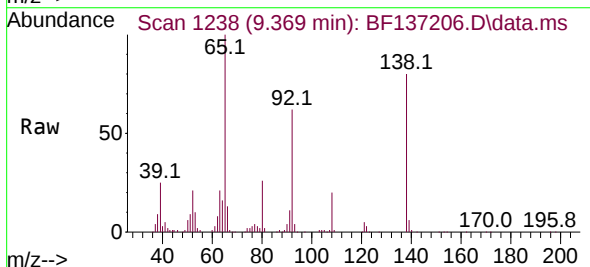
Instrument :
BNA_F
ClientSampleId :
TP-38MS

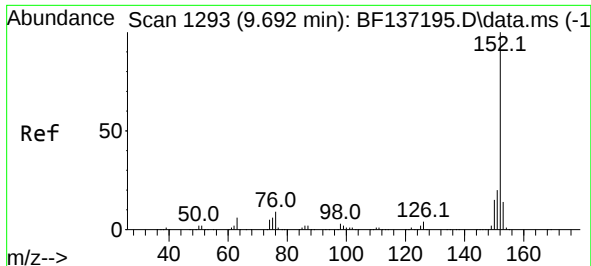
Tgt Ion:162 Resp: 292433
Ion Ratio Lower Upper
162 100
127 41.3 34.1 51.1
164 34.3 27.9 41.9



#48
2-Nitroaniline
Concen: 41.859 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion: 65 Resp: 98431
Ion Ratio Lower Upper
65 100
92 61.6 51.7 77.5
138 80.3 69.7 104.5





#49

Acenaphthylene

Concen: 39.693 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

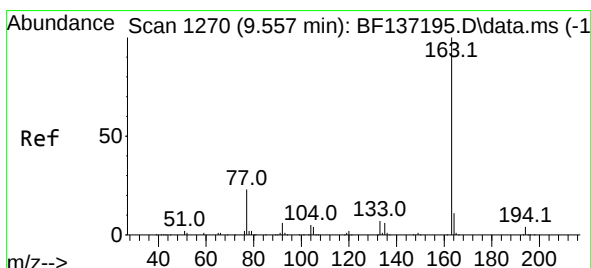
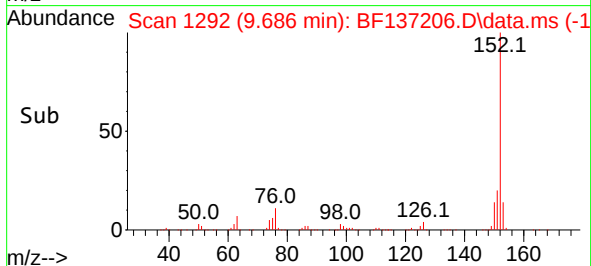
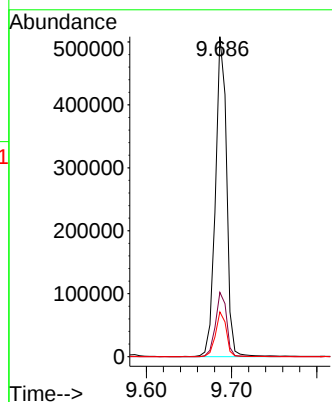
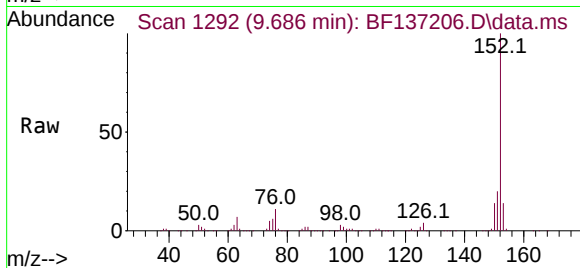
Tgt Ion:152 Resp: 461663

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 14.0 11.2 16.8



#50

Dimethylphthalate

Concen: 40.440 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

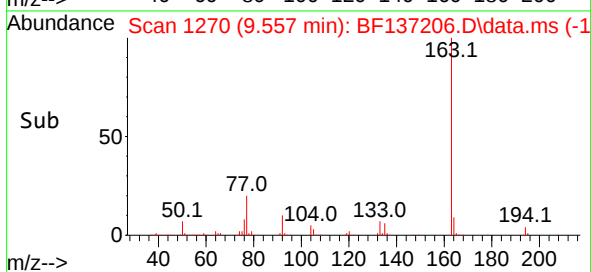
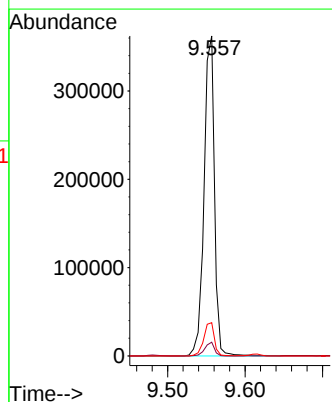
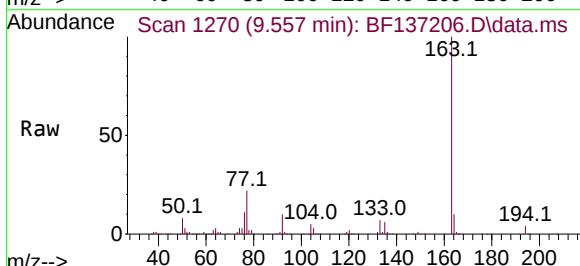
Tgt Ion:163 Resp: 337098

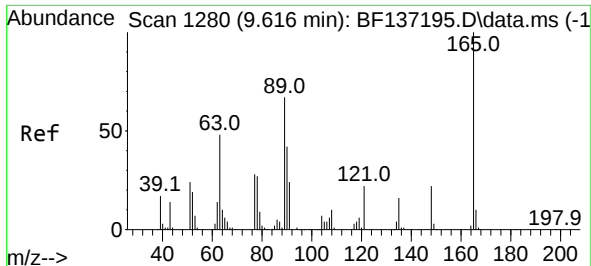
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 8.6 13.0

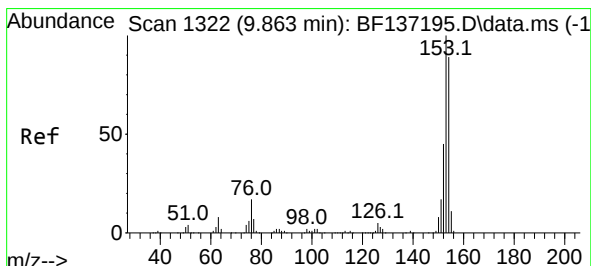
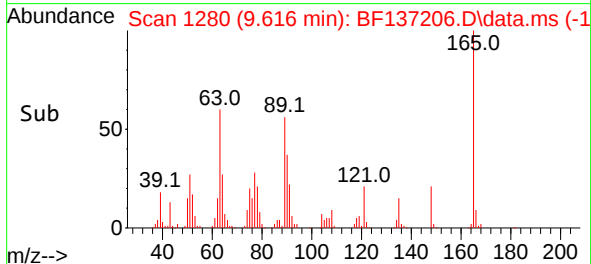
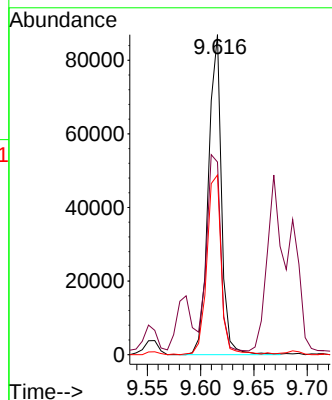
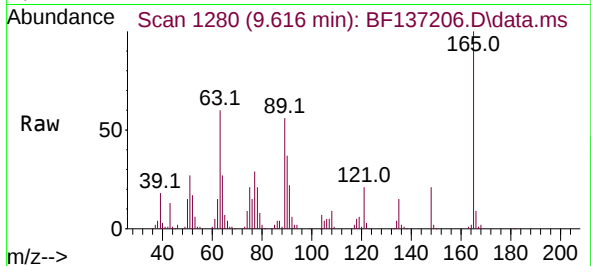




#51
2,6-Dinitrotoluene
Concen: 41.764 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

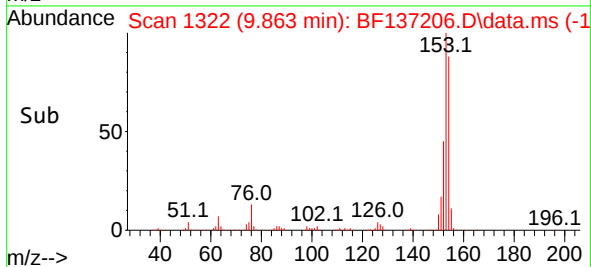
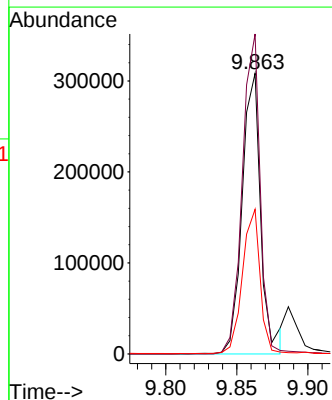
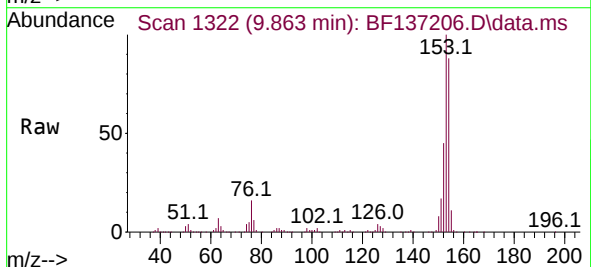
Instrument :
BNA_F
ClientSampleId :
TP-38MS

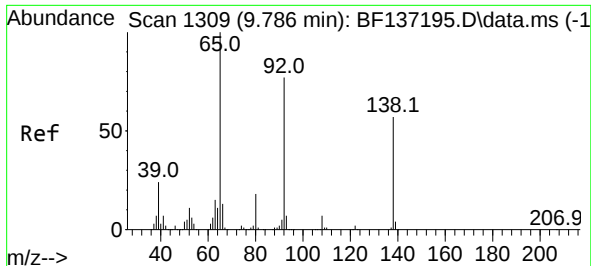
Tgt Ion:165 Resp: 74235
Ion Ratio Lower Upper
165 100
63 60.2 55.1 82.7
89 56.1 53.5 80.3



#52
Acenaphthene
Concen: 41.096 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:154 Resp: 280923
Ion Ratio Lower Upper
154 100
153 114.1 90.2 135.4
152 51.5 40.6 60.8

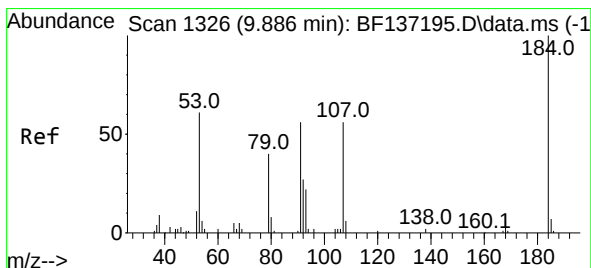
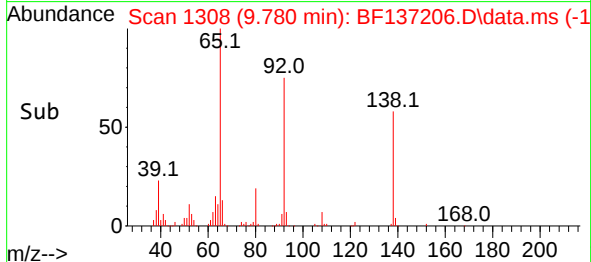
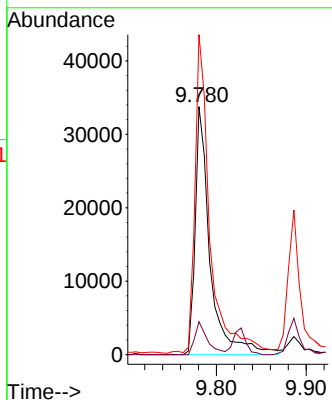
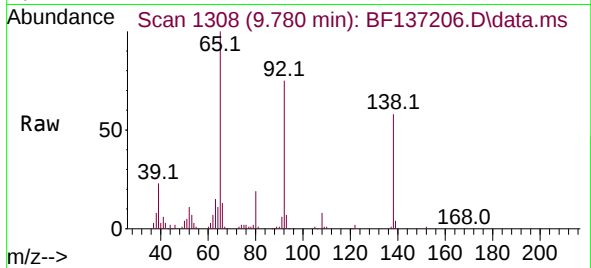




#53
3-Nitroaniline
Concen: 24.294 ng
RT: 9.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

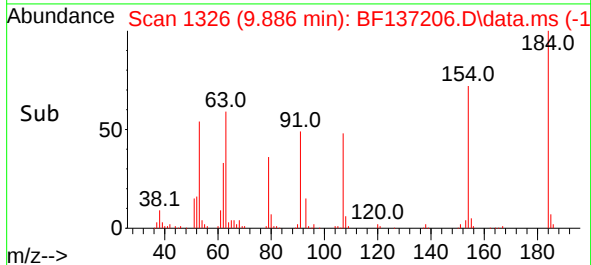
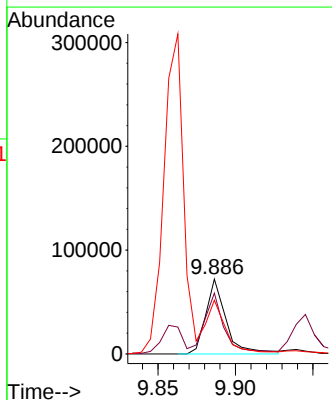
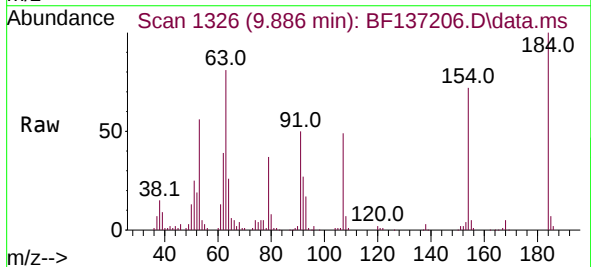
Instrument :
BNA_F
ClientSampleId :
TP-38MS

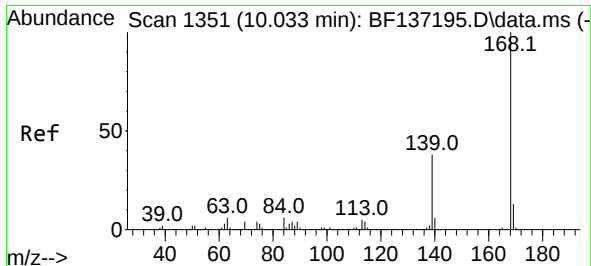
Tgt Ion:138 Resp: 38861
Ion Ratio Lower Upper
138 100
108 13.2 10.4 15.6
92 129.1 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 82.570 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:184 Resp: 65681
Ion Ratio Lower Upper
184 100
63 81.0 71.2 106.8
154 71.7 64.9 97.3

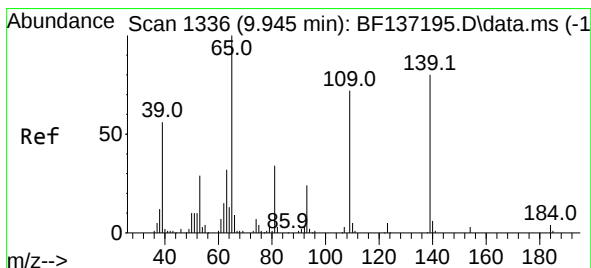
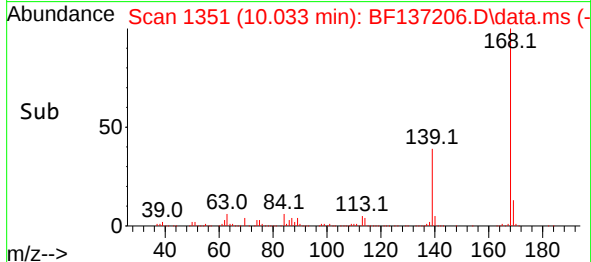
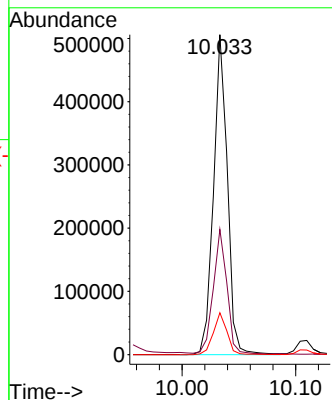
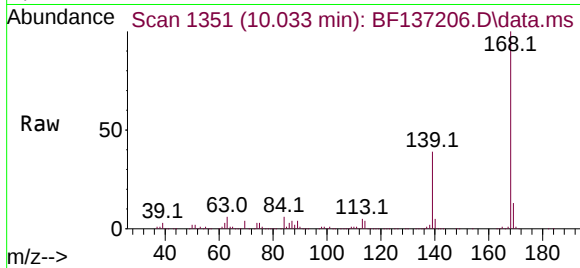




#55
Dibenzofuran
Concen: 39.446 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

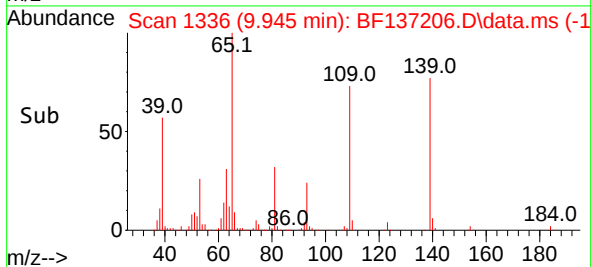
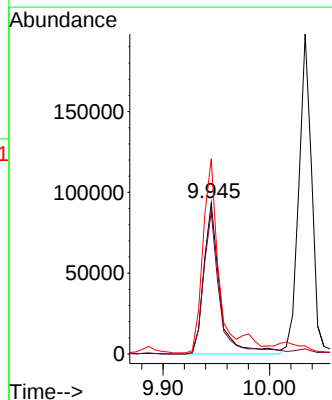
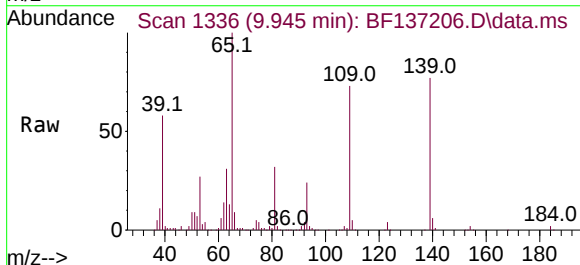
Instrument :
BNA_F
ClientSampleId :
TP-38MS

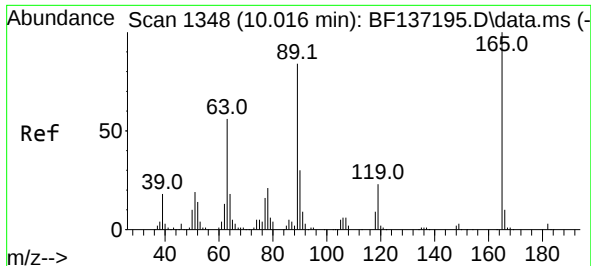
Tgt Ion:168 Resp: 428992
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 80.538 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:139 Resp: 97226
Ion Ratio Lower Upper
139 100
109 94.3 70.4 110.4
65 129.5 107.6 147.6

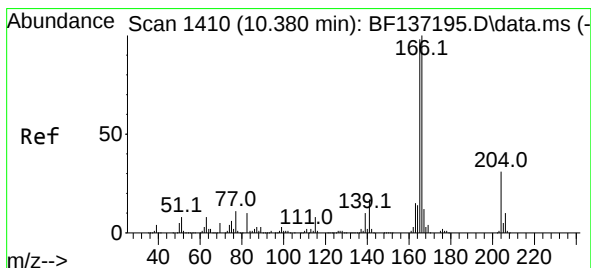
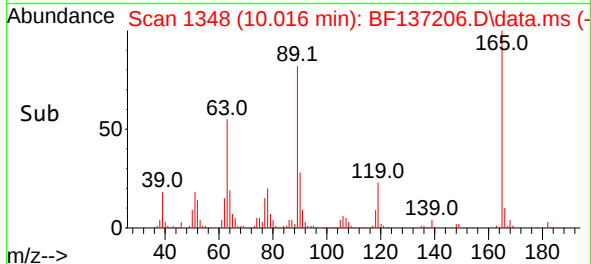
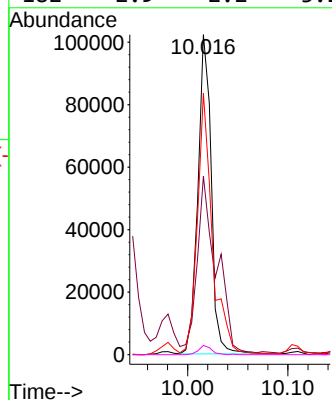
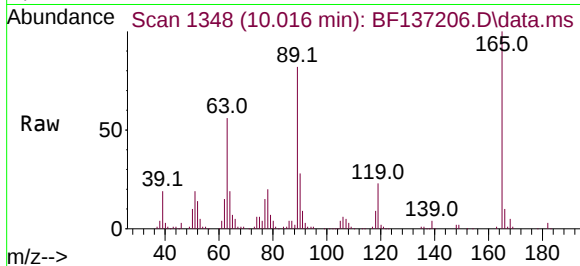




#57
2,4-Dinitrotoluene
Concen: 40.991 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

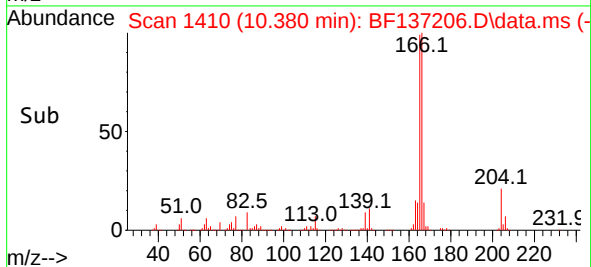
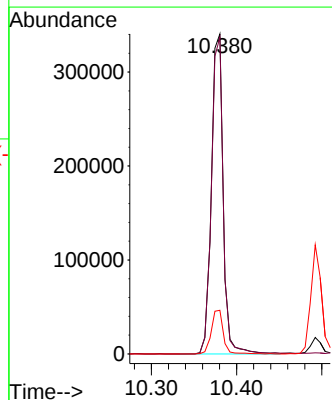
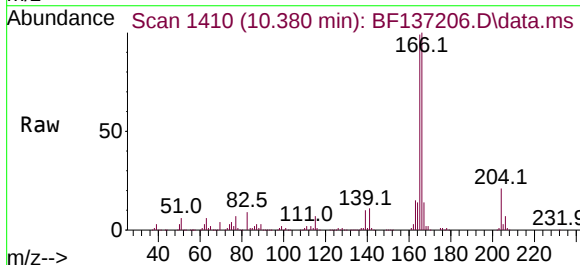
Instrument :
BNA_F
ClientSampleId :
TP-38MS

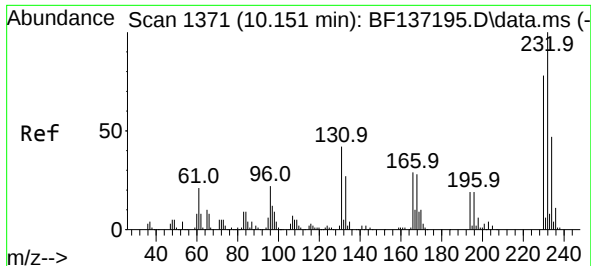
Tgt Ion:165 Resp: 94540
Ion Ratio Lower Upper
165 100
63 55.8 46.1 69.1
89 81.7 67.5 101.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 38.282 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:166 Resp: 326388
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.6 10.0 15.0

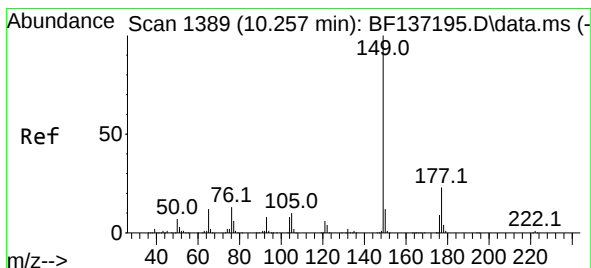
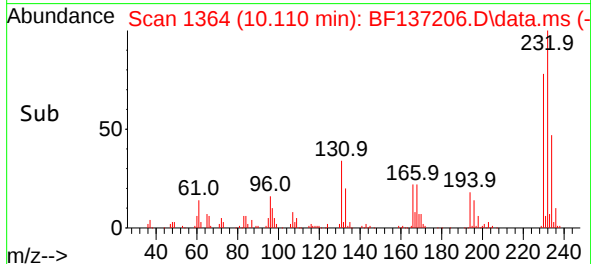
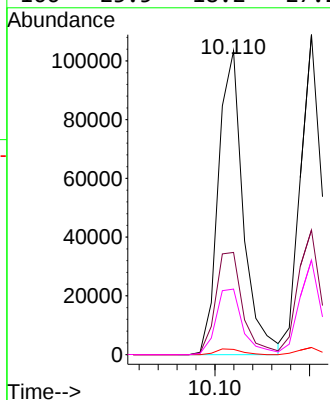
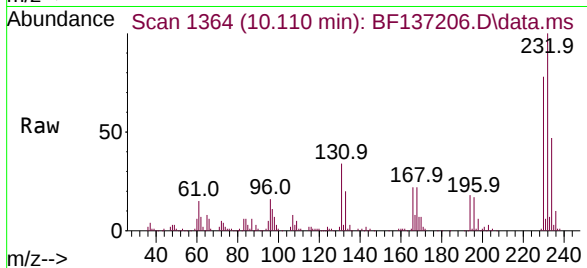




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.703 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.041 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

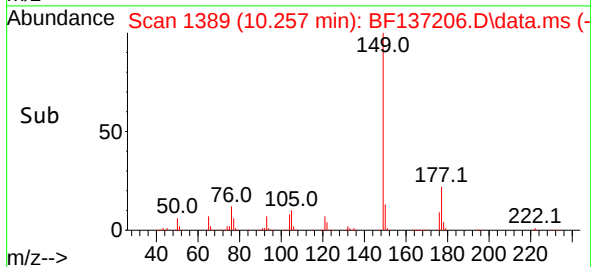
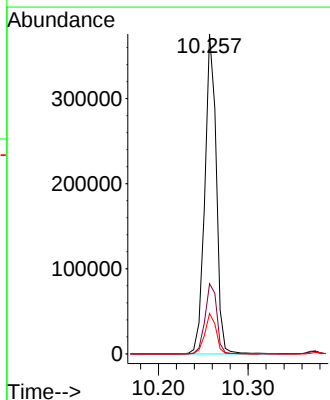
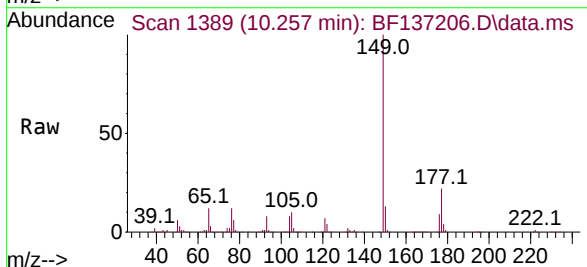
Instrument :
BNA_F
ClientSampleId :
TP-38MS

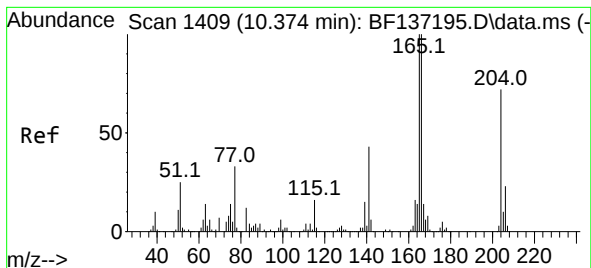
Tgt Ion:232 Resp: 94559
Ion Ratio Lower Upper
232 100
131 36.9 27.4 41.2
130 1.9 1.7 2.5
166 23.5 18.2 27.2



#60
Diethylphthalate
Concen: 40.611 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:149 Resp: 333318
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 12.6 9.6 14.4

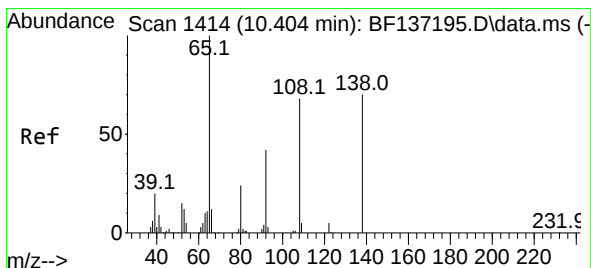
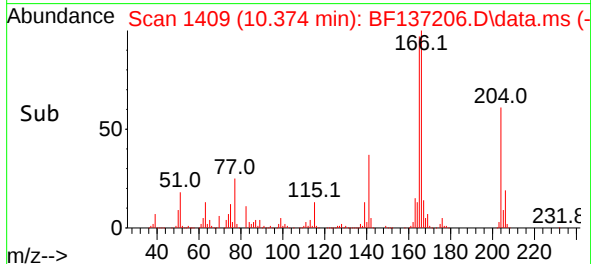
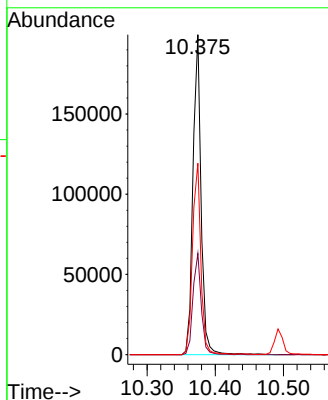
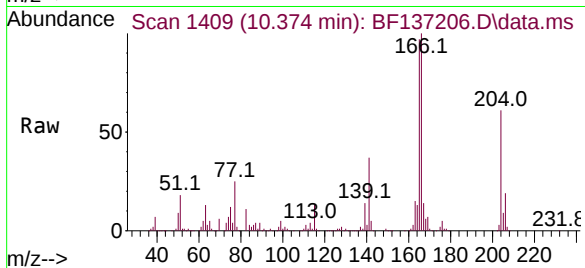




#61
4-Chlorophenyl-phenylether
Concen: 39.005 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

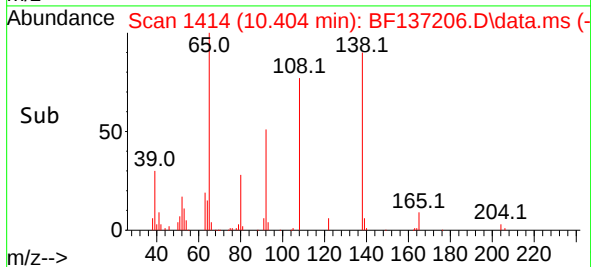
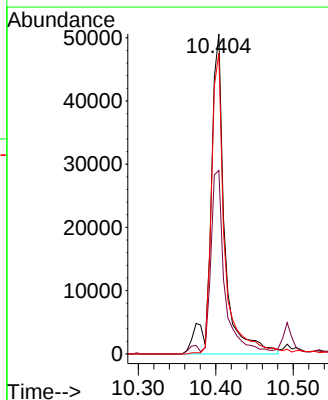
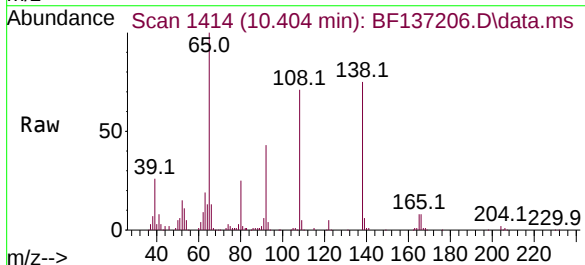
Instrument :
BNA_F
ClientSampleId :
TP-38MS

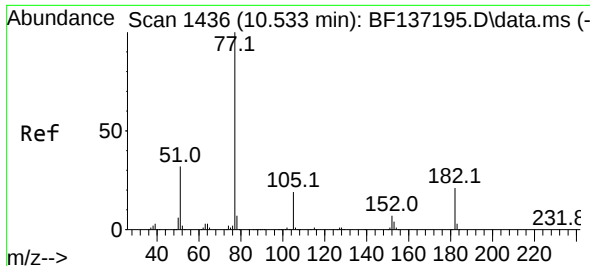
Tgt Ion:204 Resp: 165299
Ion Ratio Lower Upper
204 100
206 31.6 25.5 38.3
141 59.8 48.3 72.5



#62
4-Nitroaniline
Concen: 41.057 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:138 Resp: 62862
Ion Ratio Lower Upper
138 100
92 57.3 39.3 79.3
108 94.0 75.3 115.3

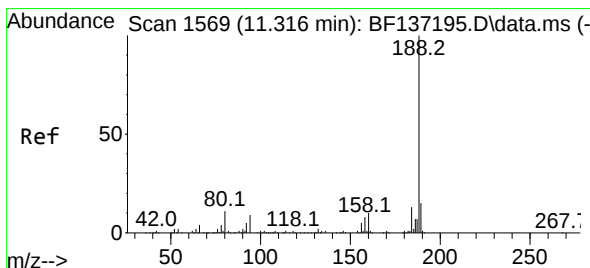
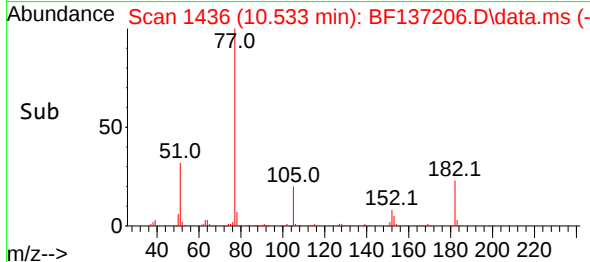
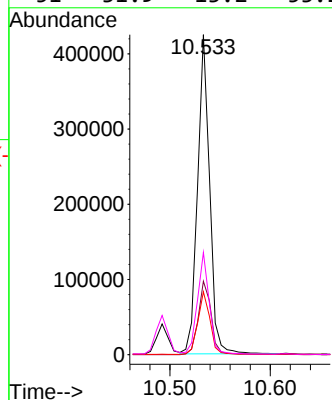
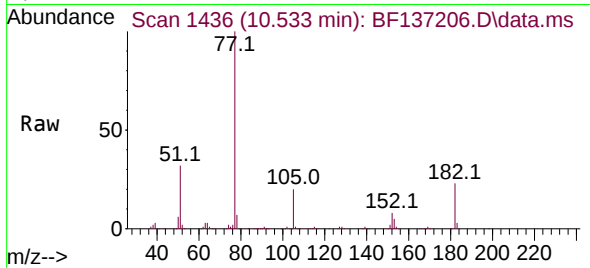




#63
Azobenzene
Concen: 38.872 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

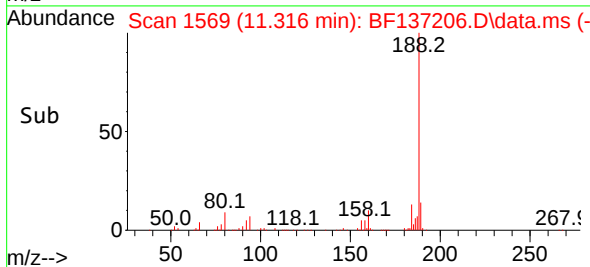
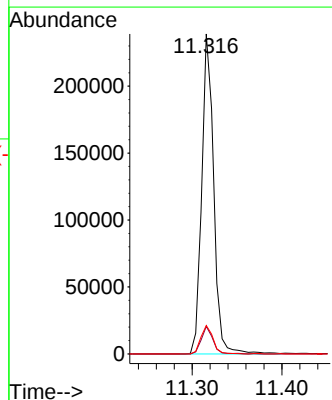
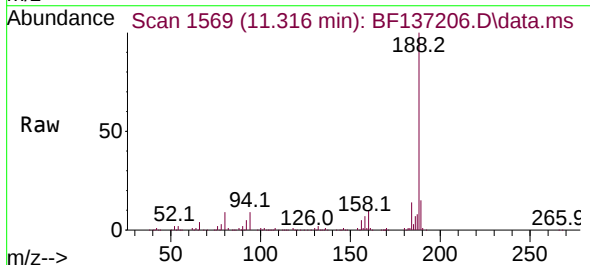
Instrument :
BNA_F
ClientSampleId :
TP-38MS

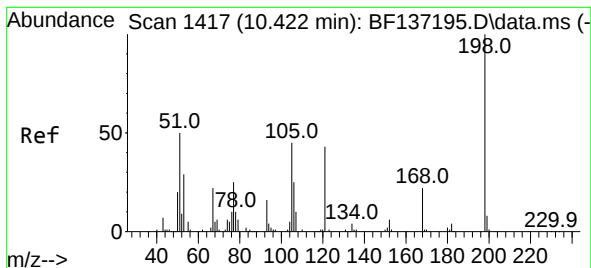
Tgt Ion:	77	Resp:	353340
Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.1	41.1
105	19.6	0.0	38.9
51	31.9	13.2	53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:	188	Resp:	221196
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	8.9	8.8	13.2

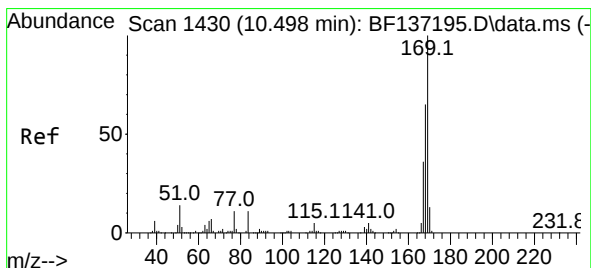
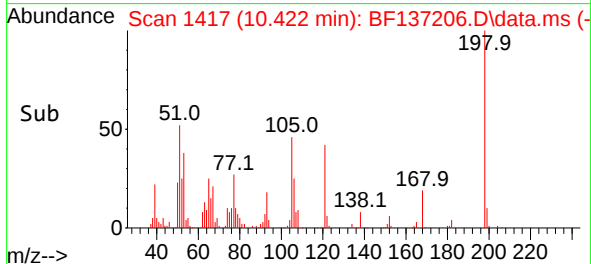
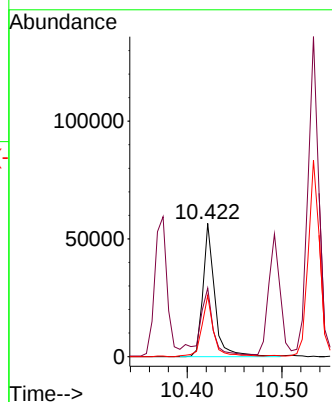
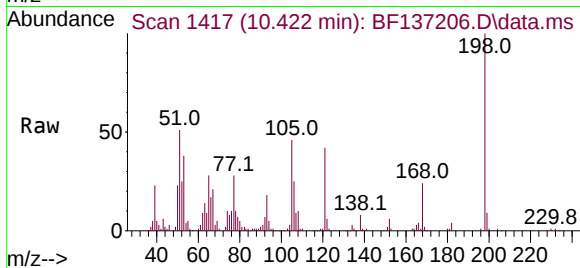




#65
4,6-Dinitro-2-methylphenol
Concen: 42.411 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

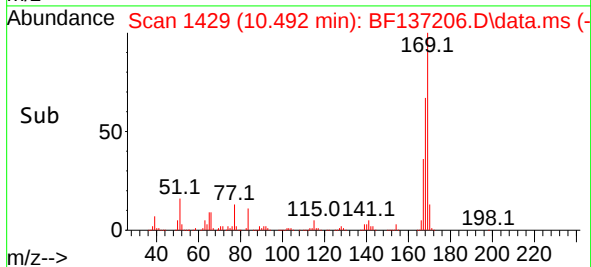
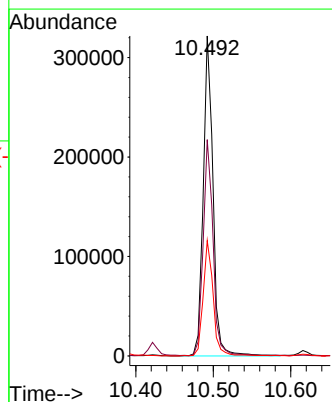
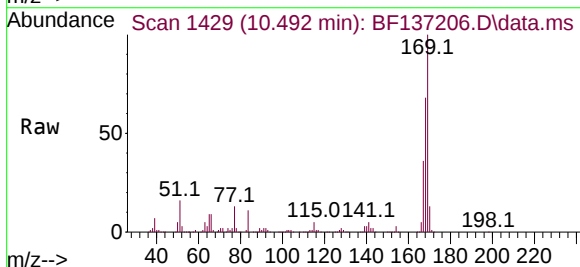
Instrument :
BNA_F
ClientSampleId :
TP-38MS

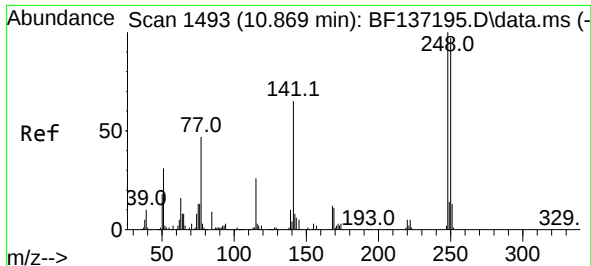
Tgt Ion:198 Resp: 48853
Ion Ratio Lower Upper
198 100
51 51.5 40.9 80.9
105 45.8 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 41.748 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:169 Resp: 280783
Ion Ratio Lower Upper
169 100
168 67.6 51.9 77.9
167 36.1 29.0 43.6

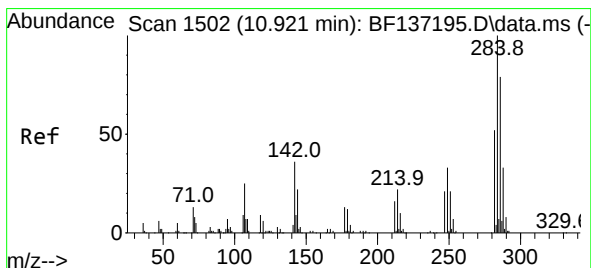
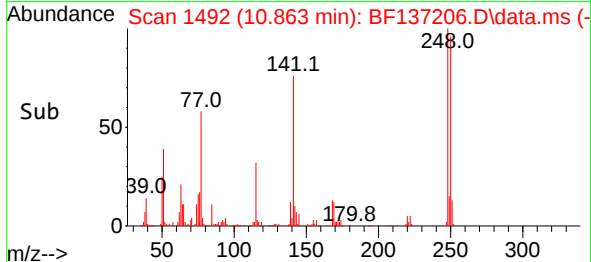
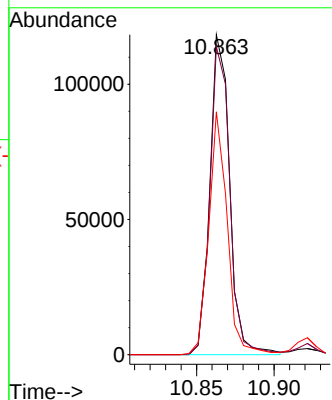
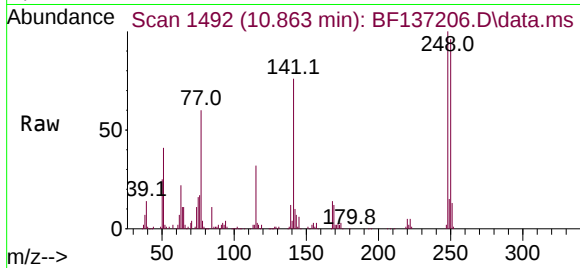




#67
4-Bromophenyl-phenylether
Concen: 43.391 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

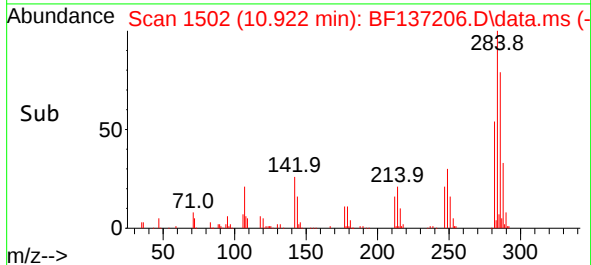
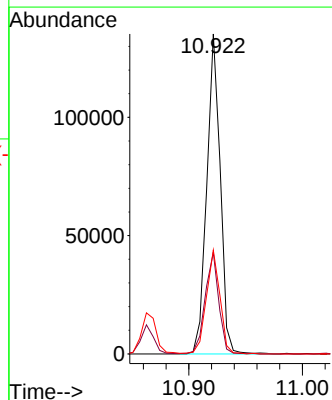
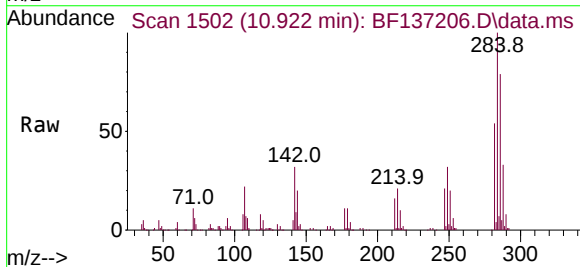
Instrument :
BNA_F
ClientSampleId :
TP-38MS

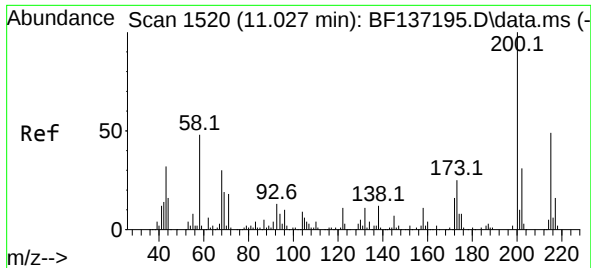
Tgt Ion:248 Resp: 105537
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 75.9 51.6 77.4



#68
Hexachlorobenzene
Concen: 41.006 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137206.D
Acq: 31 Jan 2024 13:05

Tgt Ion:284 Resp: 111401
Ion Ratio Lower Upper
284 100
142 31.7 28.7 43.1
249 32.4 27.0 40.4

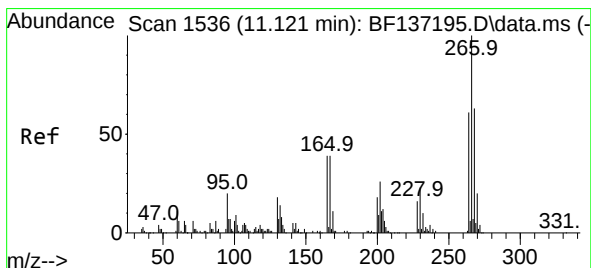
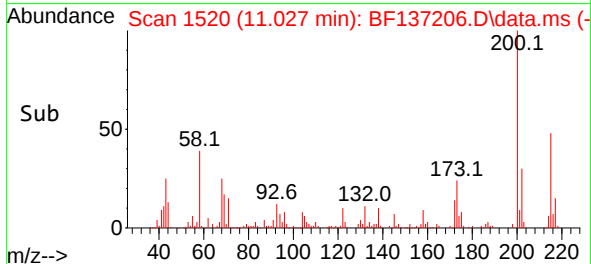
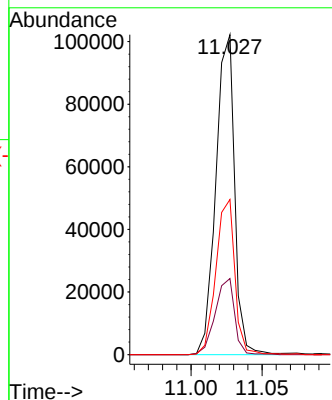
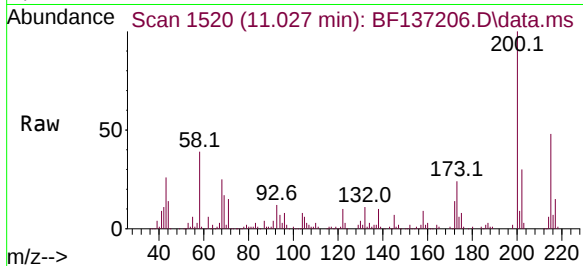




#69
 Atrazine
 Concen: 42.362 ng
 RT: 11.027 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

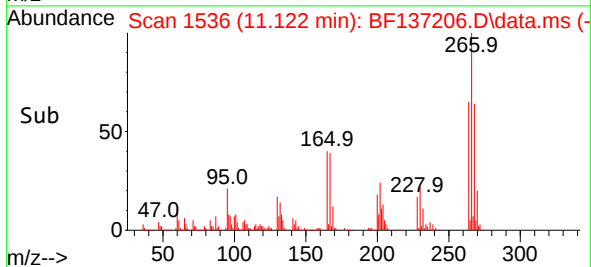
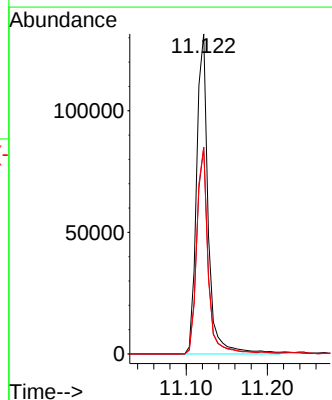
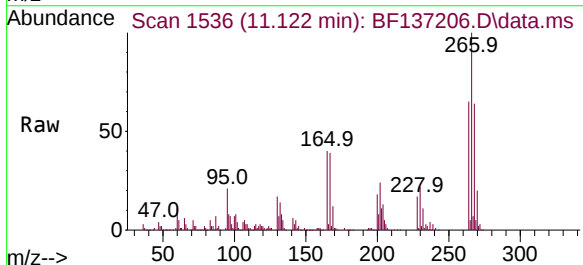
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

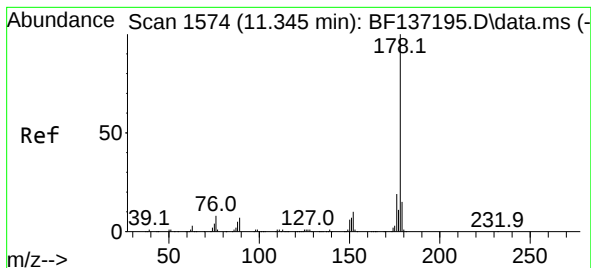
Tgt Ion:200 Resp: 94054
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.3 45.3
 215 48.5 29.4 69.4



#70
 Pentachlorophenol
 Concen: 83.721 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.001 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion:266 Resp: 130384
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.6 76.0
 264 64.6 48.8 73.2





#71

Phenanthrene

Concen: 40.378 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

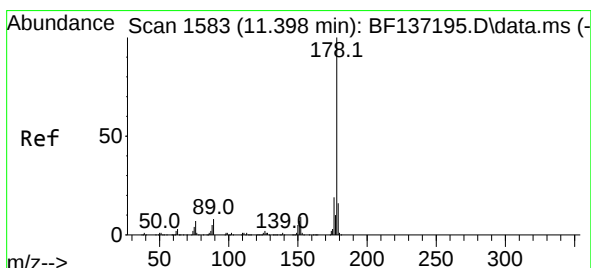
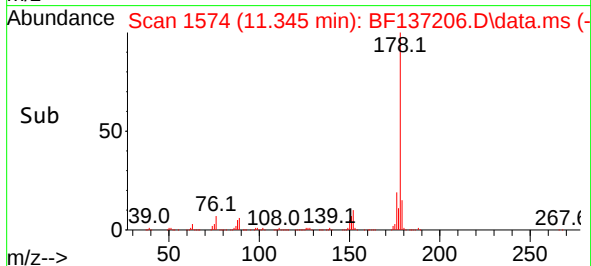
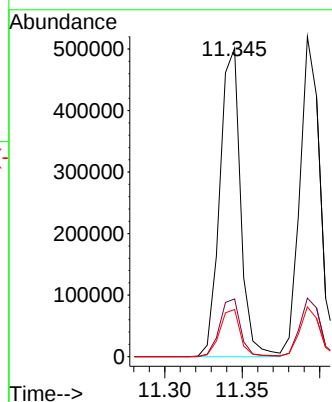
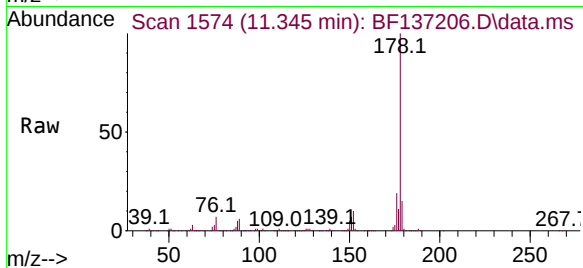
Tgt Ion:178 Resp: 467571

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.3 12.1 18.1



#72

Anthracene

Concen: 40.093 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

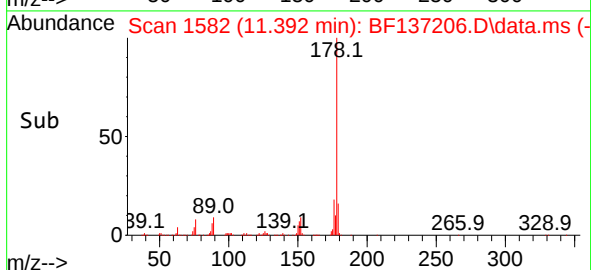
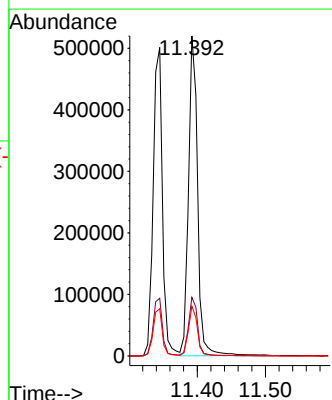
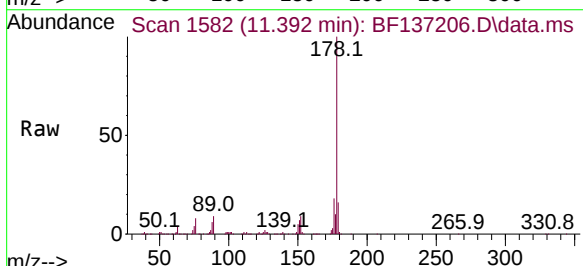
Tgt Ion:178 Resp: 483914

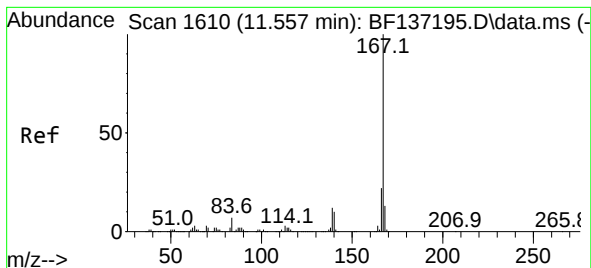
Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 15.5 12.7 19.1





#73

Carbazole

Concen: 39.251 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

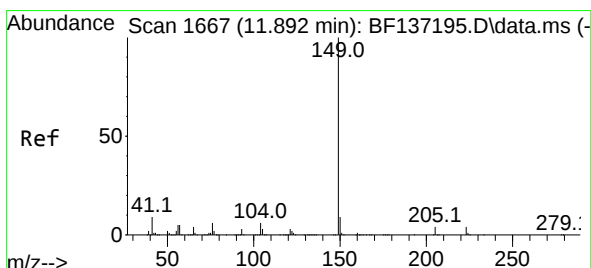
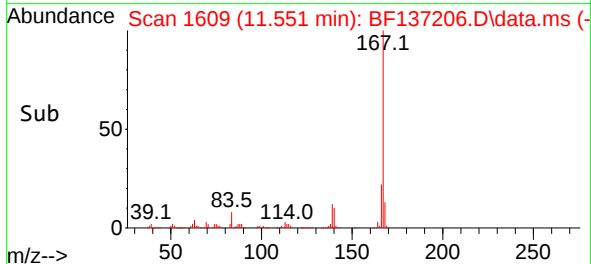
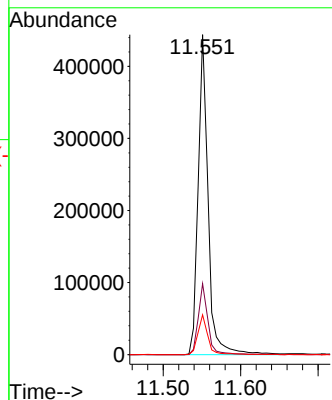
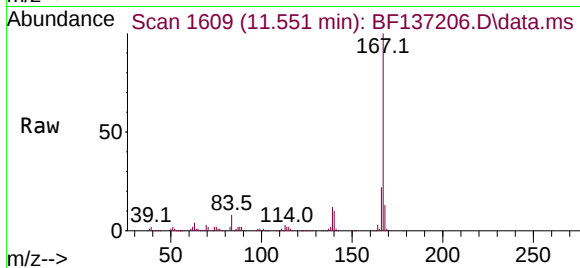
Tgt Ion:167 Resp: 395921

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 12.5 9.7 14.5



#74

Di-n-butylphthalate

Concen: 44.194 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

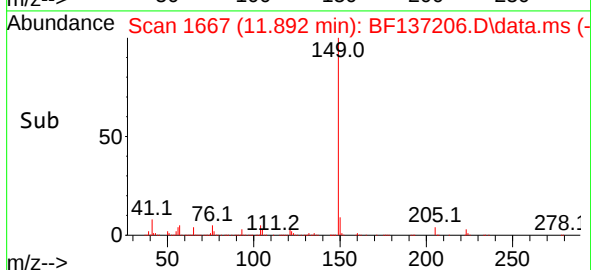
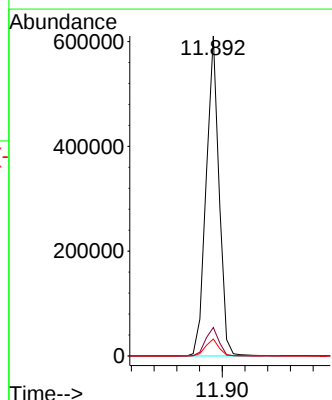
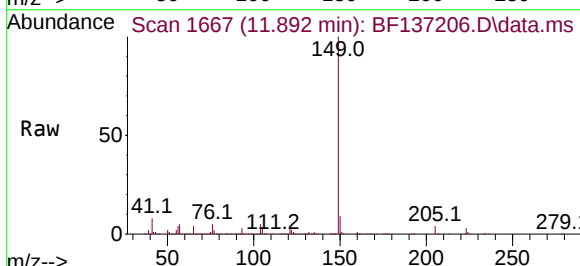
Tgt Ion:149 Resp: 481875

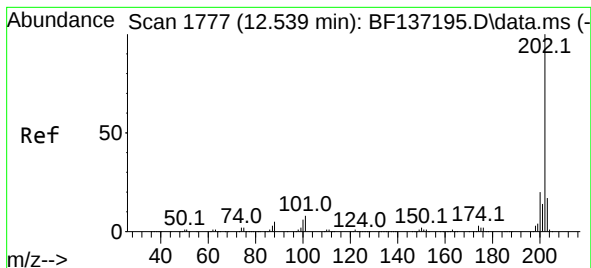
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 40.211 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

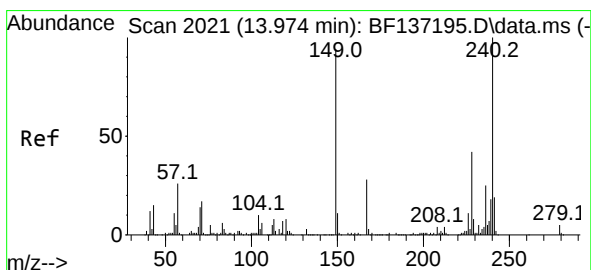
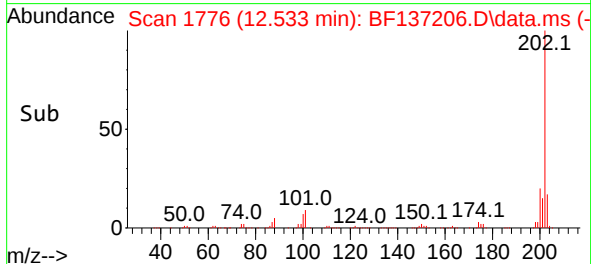
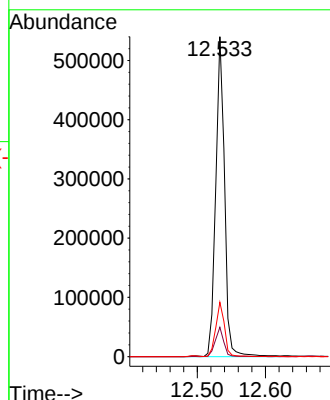
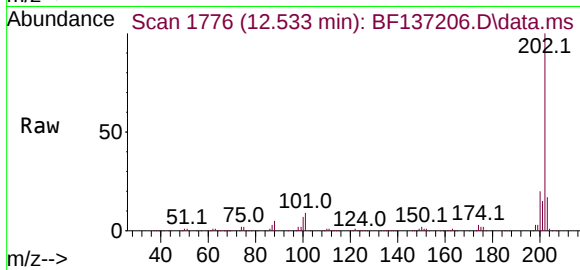
Tgt Ion:202 Resp: 487251

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.4

203 17.0 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

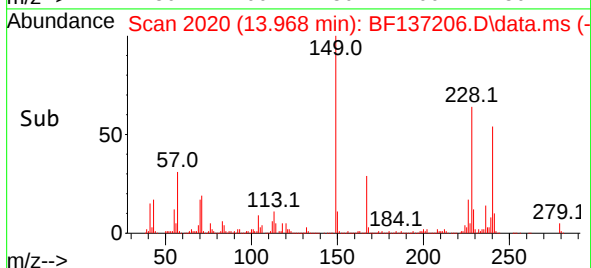
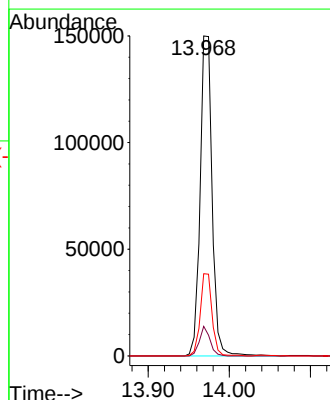
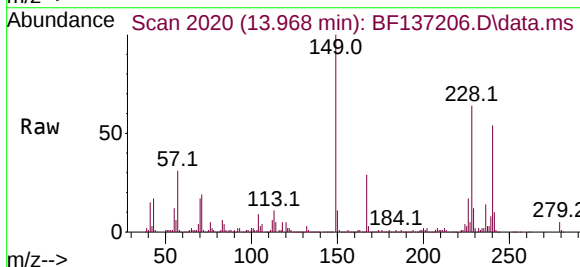
Tgt Ion:240 Resp: 153614

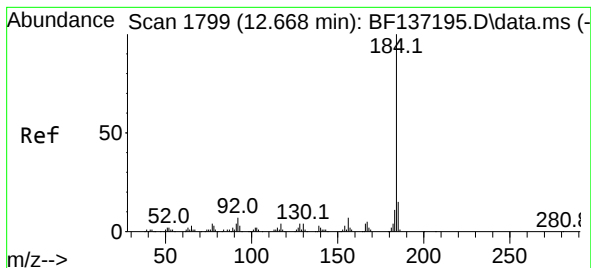
Ion Ratio Lower Upper

240 100

120 9.3 6.3 9.5

236 25.7 20.3 30.5





#77

Benzidine

Concen: 50.295 ng

RT: 12.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

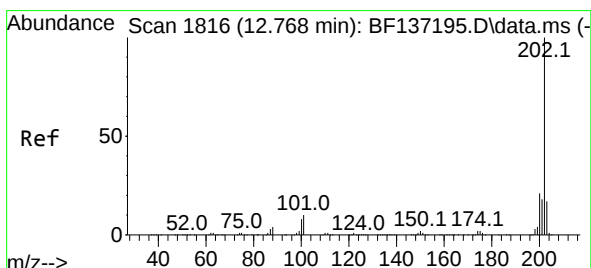
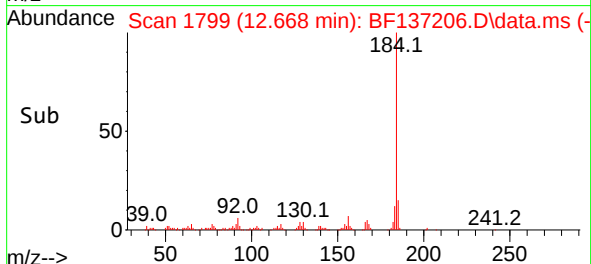
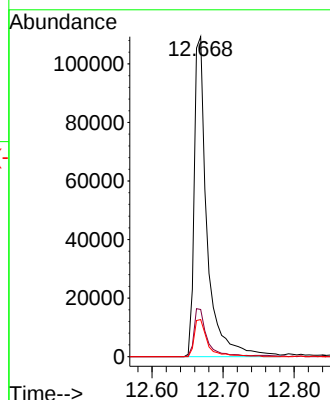
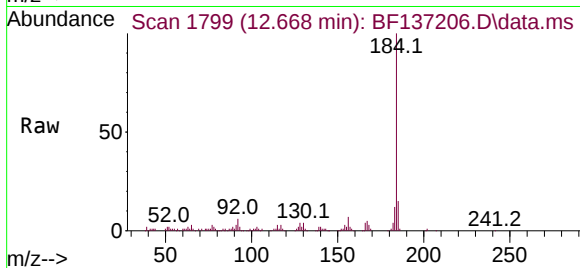
Tgt Ion:184 Resp: 138347

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 11.6 8.8 13.2



#78

Pyrene

Concen: 33.296 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

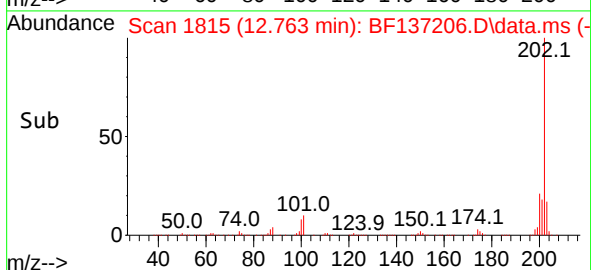
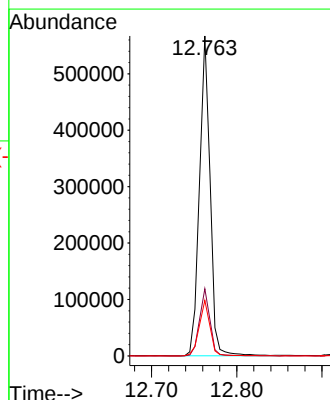
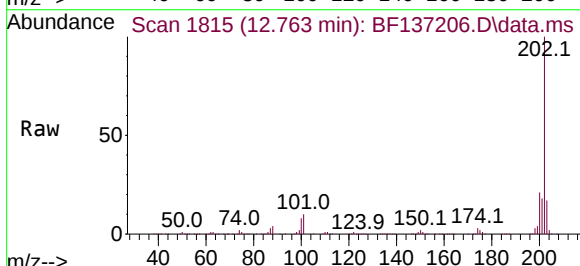
Tgt Ion:202 Resp: 491525

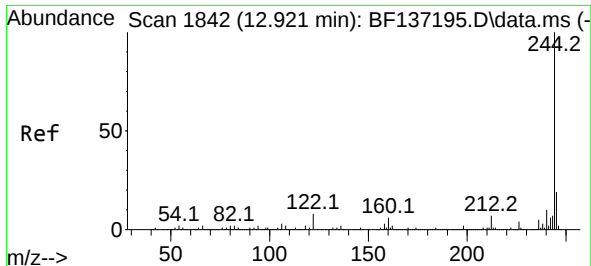
Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

203 17.3 13.8 20.6

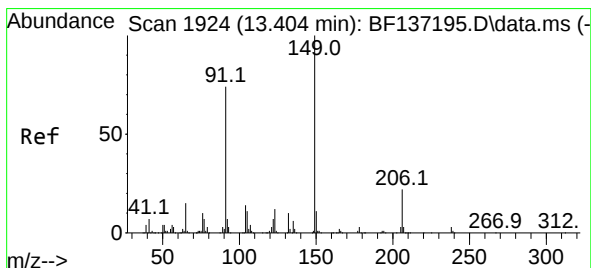
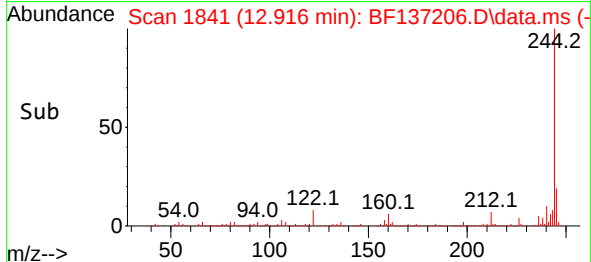
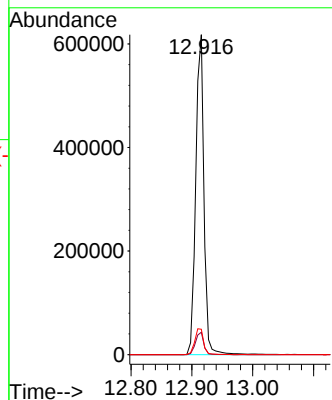
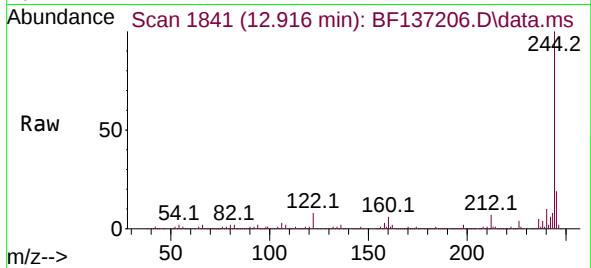




#79
 Terphenyl-d14
 Concen: 51.229 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

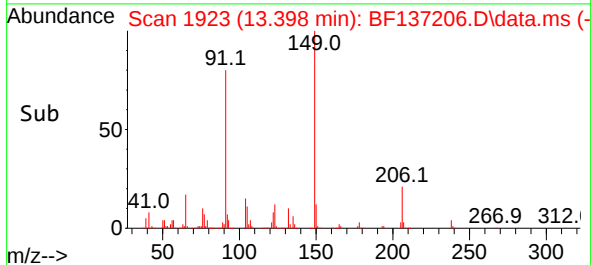
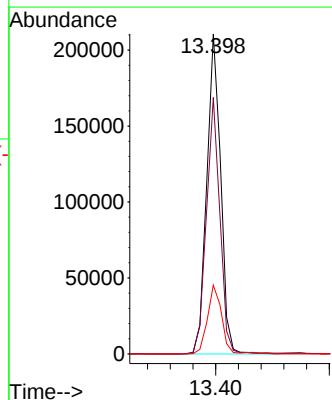
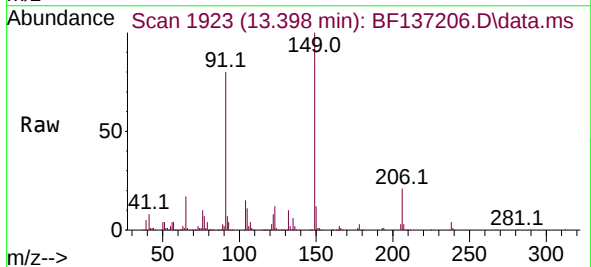
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

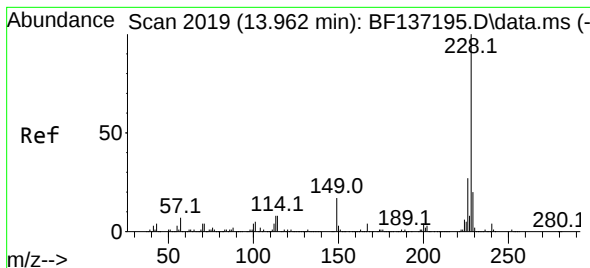
Tgt Ion:244 Resp: 578881
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 7.9 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 47.362 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion:149 Resp: 178857
 Ion Ratio Lower Upper
 149 100
 91 80.1 58.8 88.2
 206 21.5 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.603 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

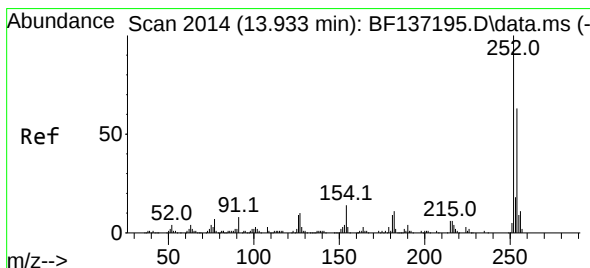
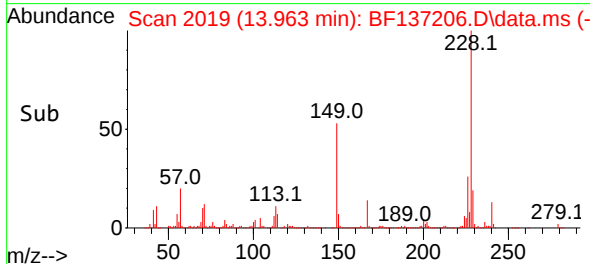
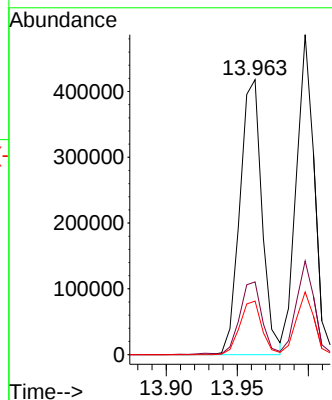
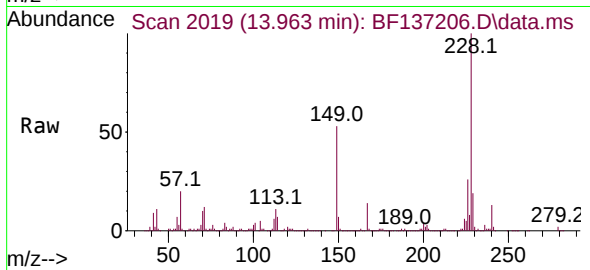
Tgt Ion:228 Resp: 452597

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.112 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

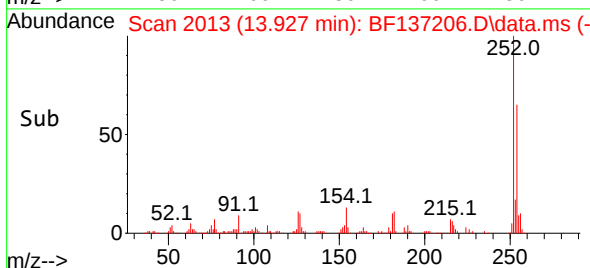
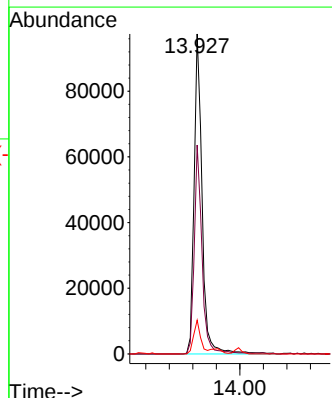
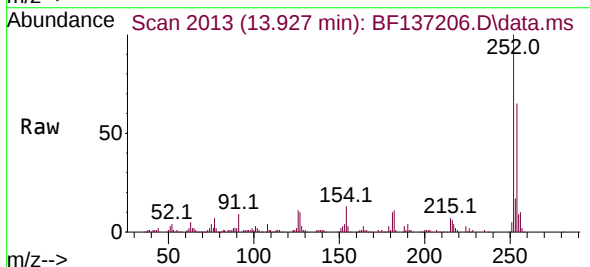
Tgt Ion:252 Resp: 92215

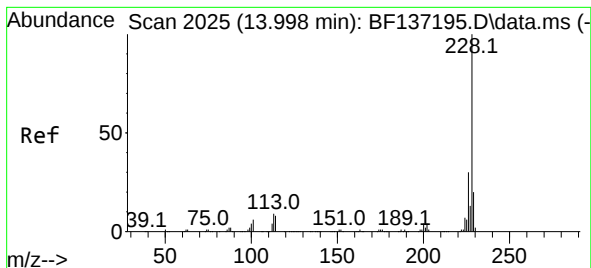
Ion Ratio Lower Upper

252 100

254 65.3 50.2 75.2

126 10.5 7.0 10.6





#83

Chrysene

Concen: 40.837 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

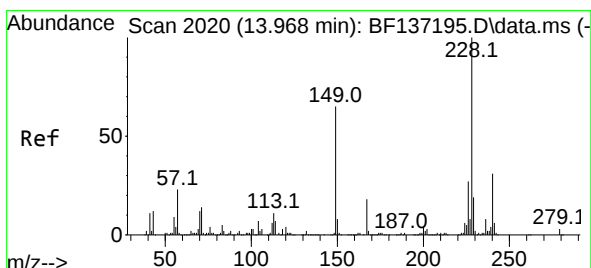
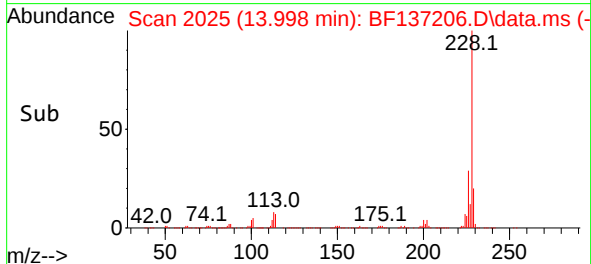
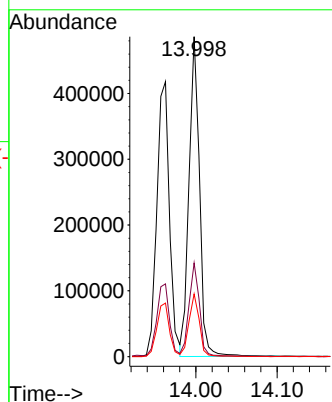
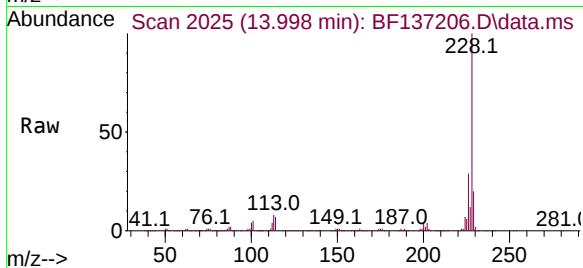
Tgt Ion:228 Resp: 436771

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.937 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

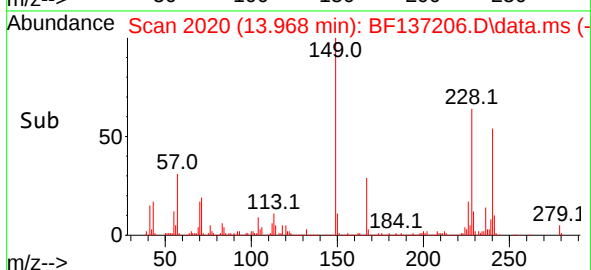
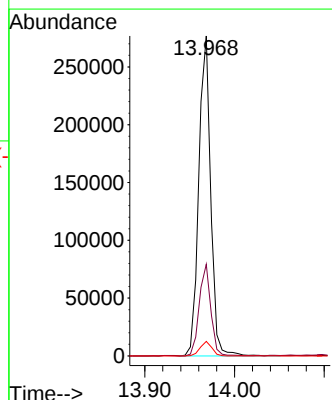
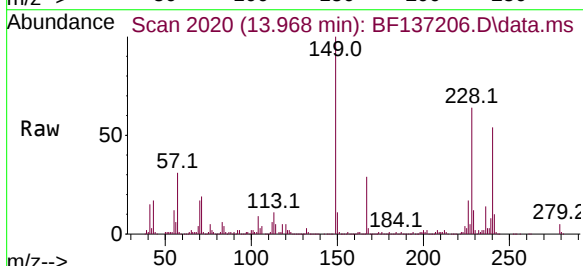
Tgt Ion:149 Resp: 254545

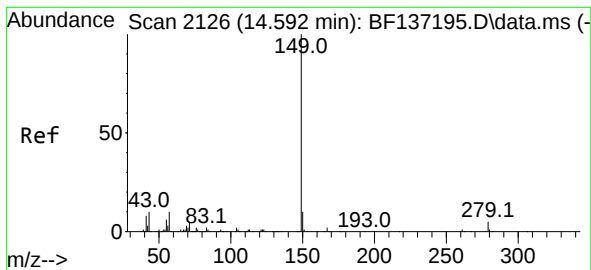
Ion Ratio Lower Upper

149 100

167 28.6 21.7 32.5

279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 65.443 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

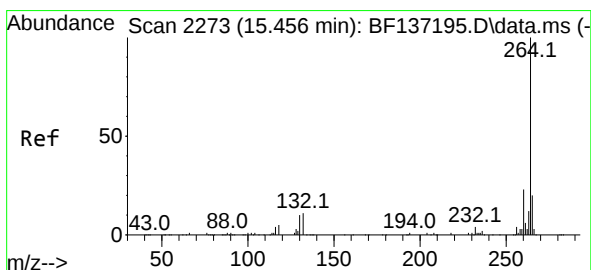
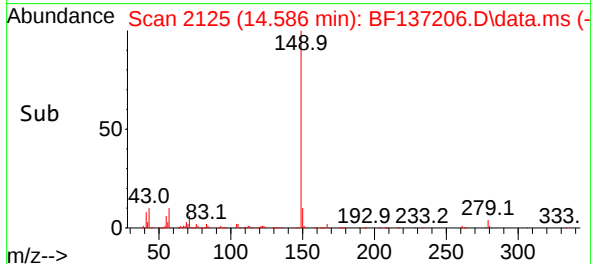
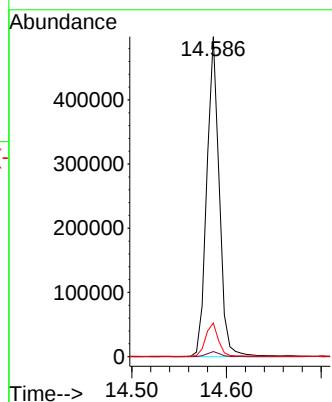
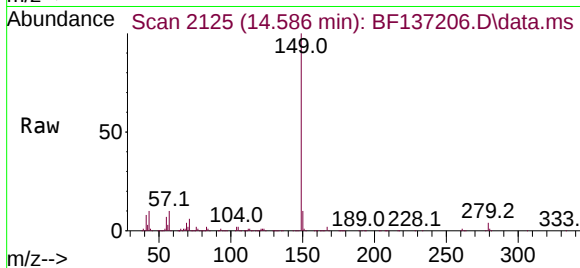
Tgt Ion:149 Resp: 457170

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

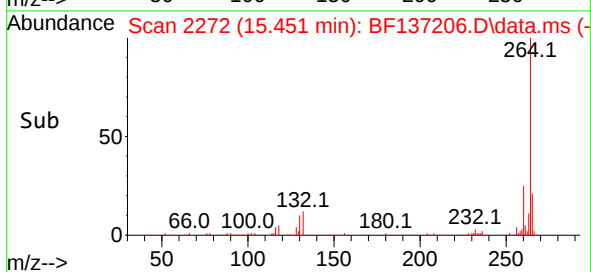
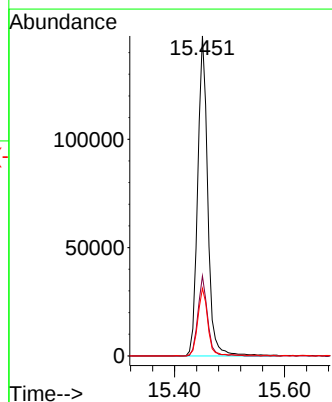
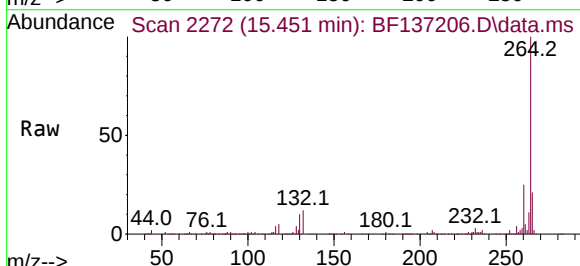
Tgt Ion:264 Resp: 187297

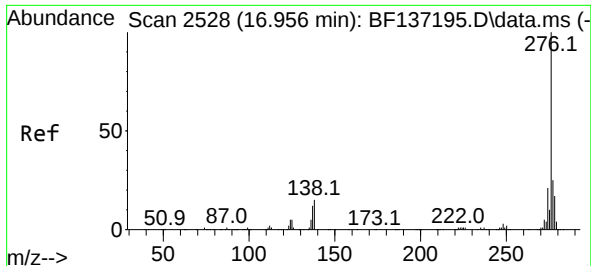
Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 21.1 16.2 24.2

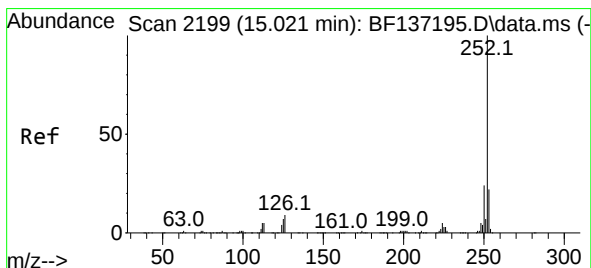
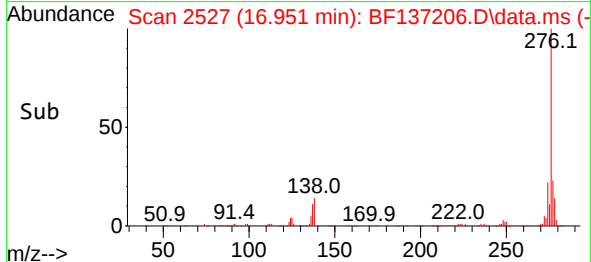
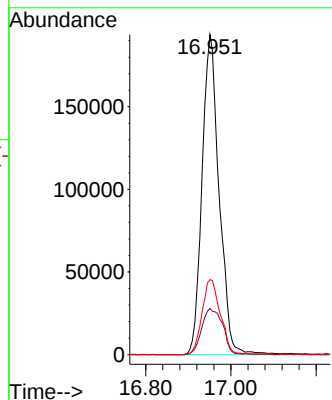
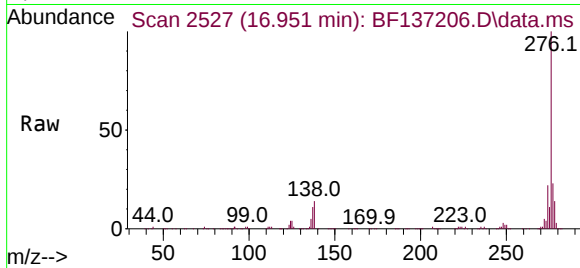




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.935 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

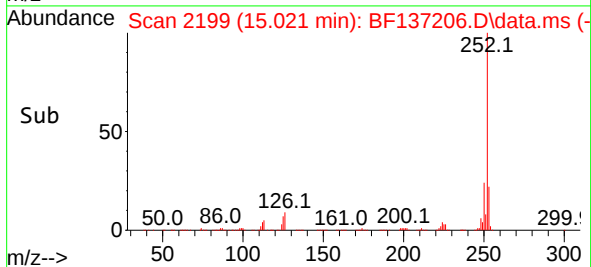
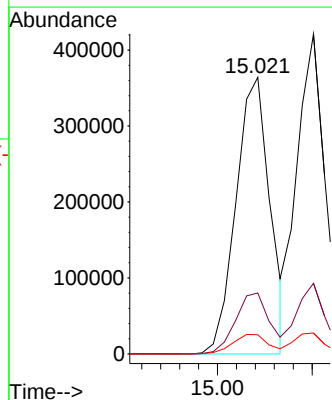
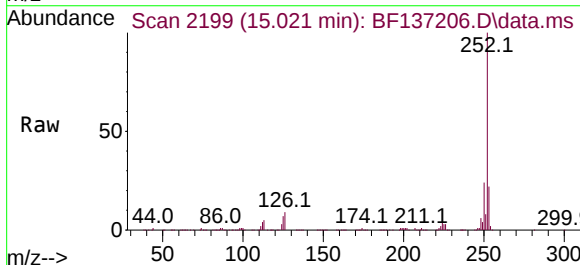
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

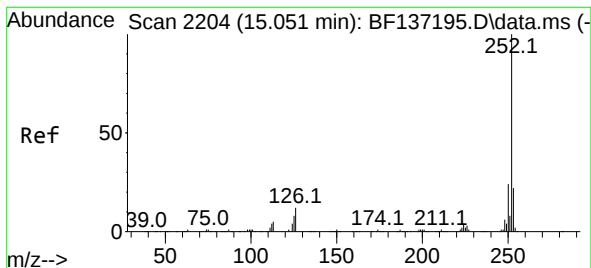
Tgt Ion:276 Resp: 538647
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.6 21.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 39.362 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF137206.D
 Acq: 31 Jan 2024 13:05

Tgt Ion:252 Resp: 453388
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.9 26.9
 125 6.9 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 36.712 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

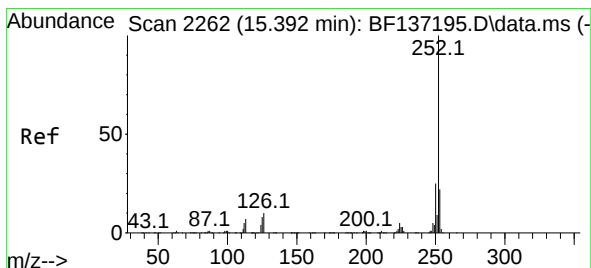
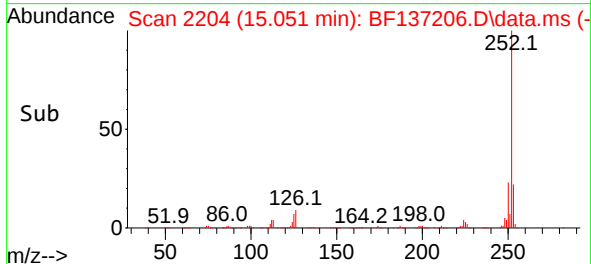
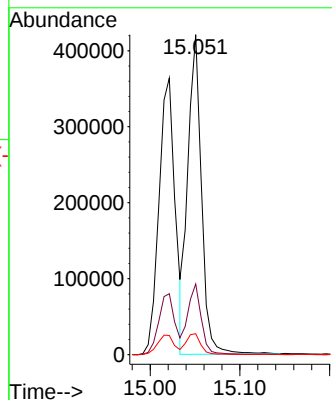
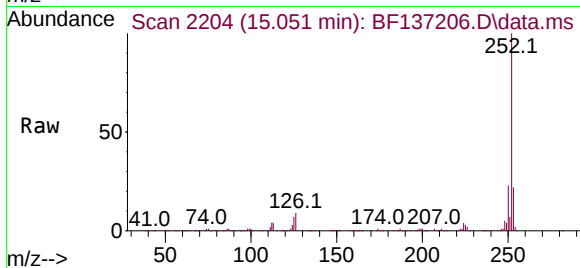
Tgt Ion:252 Resp: 447353

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 6.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 38.374 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

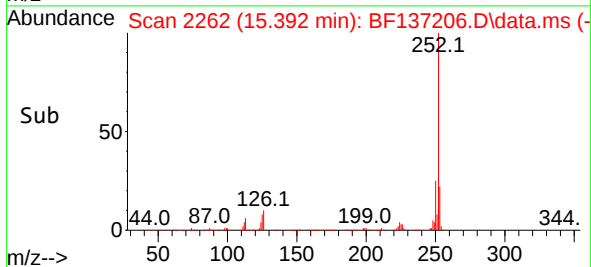
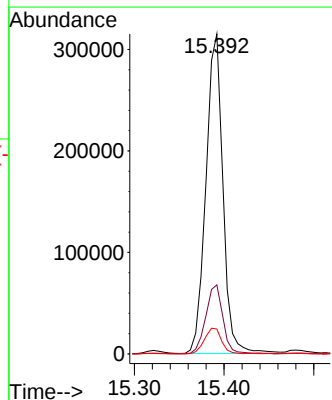
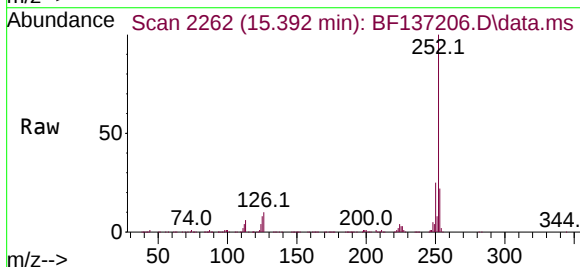
Tgt Ion:252 Resp: 415964

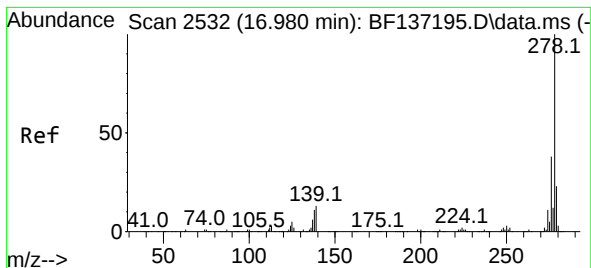
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 7.8 6.5 9.7





#91

Dibenzo(a,h)anthracene

Concen: 41.350 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Instrument :

BNA_F

ClientSampleId :

TP-38MS

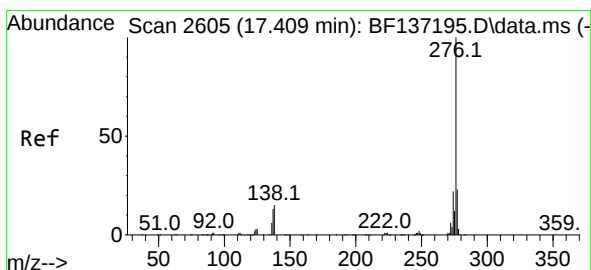
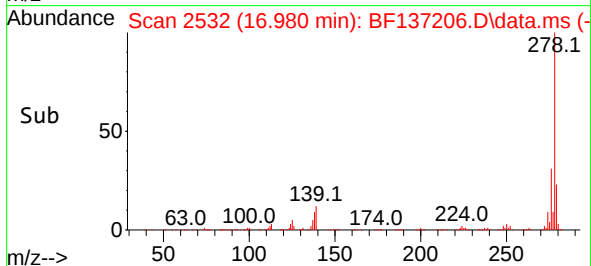
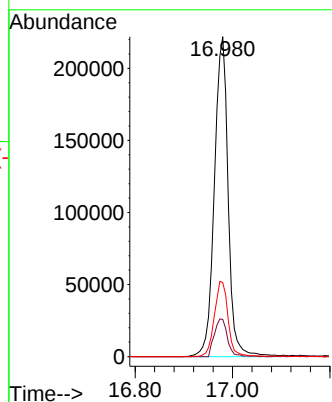
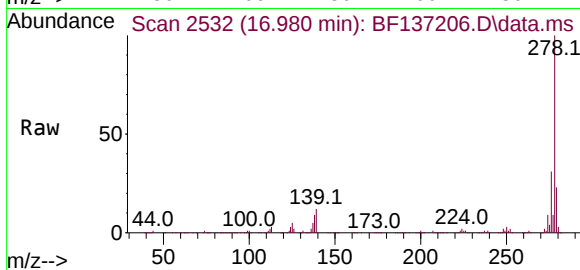
Tgt Ion:278 Resp: 435985

Ion Ratio Lower Upper

278 100

139 11.6 10.0 15.0

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.070 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF137206.D

Acq: 31 Jan 2024 13:05

Tgt Ion:276 Resp: 414662

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 15.3 11.8 17.8

