

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137257.D
 Acq On : 02 Feb 2024 16:17
 Operator : CG\JU
 Sample : P1337-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Feb 02 16:48:40 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	57227	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	211933	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	116162	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	193497	20.000	ng	0.00
76) Chrysene-d12	13.968	240	146475	20.000	ng	0.00
86) Perylene-d12	15.445	264	128089	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	354939	102.343	ng	0.01
7) Phenol-d6	6.428	99	473965	95.763	ng	0.00
23) Nitrobenzene-d5	7.357	82	309747	65.435	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	124716	95.067	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	537243	63.578	ng	0.00
79) Terphenyl-d14	12.910	244	513019	47.614	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	65981	35.556	ng	96
3) Pyridine	3.363	79	91296	25.799	ng	99
4) n-Nitrosodimethylamine	3.328	42	76037	41.191	ng	93
6) Aniline	6.469	93	99336	18.749	ng	98
8) 2-Chlorophenol	6.575	128	171585	44.248	ng	97
9) Benzaldehyde	6.345	77	53480	28.373	ng	97
10) Phenol	6.445	94	224146	40.572	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	164631	44.591	ng	96
12) 1,3-Dichlorobenzene	6.734	146	192687	42.381	ng	97
13) 1,4-Dichlorobenzene	6.810	146	194513	41.367	ng	98
14) 1,2-Dichlorobenzene	6.957	146	186879	42.507	ng	98
15) Benzyl Alcohol	6.934	79	156941	44.633	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	255484	38.414	ng	99
17) 2-Methylphenol	7.045	107	142723	44.055	ng	98
18) Hexachloroethane	7.298	117	70904	41.810	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	139669	41.157	ng	99
20) 3+4-Methylphenols	7.198	107	176262	42.979	ng	93
22) Acetophenone	7.198	105	252174	44.198	ng	98
24) Nitrobenzene	7.375	77	205300	44.684	ng	94
25) Isophorone	7.610	82	372083	42.585	ng	99
26) 2-Nitrophenol	7.687	139	81886	46.137	ng	92
27) 2,4-Dimethylphenol	7.728	122	115835	46.382	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	205835	44.362	ng	99
29) 2,4-Dichlorophenol	7.928	162	138202	44.608	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	167719	43.582	ng	97
31) Naphthalene	8.092	128	496403	43.326	ng	99
32) Benzoic acid	7.851	122	84554	48.066	ng	98
33) 4-Chloroaniline	8.175	127	44274	11.234	ng	99
34) Hexachlorobutadiene	8.210	225	113805	44.475	ng	96
35) Caprolactam	8.510	113	28231	29.305	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	154124	42.119	ng	95
37) 2-Methylnaphthalene	8.786	142	323986	42.179	ng	100
38) 1-Methylnaphthalene	8.881	142	311350	43.641	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	175712	45.206	ng	99
41) Hexachlorocyclopentadiene	8.934	237	200712	108.419	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	105646	47.920	ng	98

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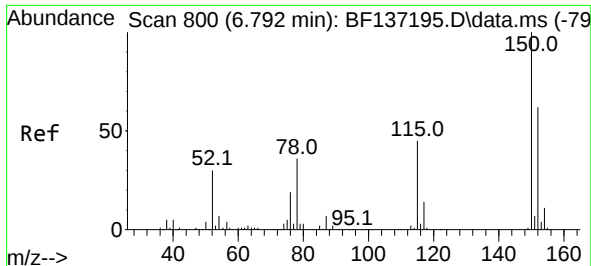
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	103744	43.051	ng	95
46) 1,1'-Biphenyl	9.251	154	413877	44.781	ng	98
47) 2-Chloronaphthalene	9.275	162	299853	43.840	ng	98
48) 2-Nitroaniline	9.369	65	99893	45.123	ng	95
49) Acenaphthylene	9.686	152	477338	43.593	ng	99
50) Dimethylphthalate	9.551	163	359653	45.830	ng	100
51) 2,6-Dinitrotoluene	9.616	165	77188	46.126	ng	88
52) Acenaphthene	9.863	154	276978	43.039	ng	97
53) 3-Nitroaniline	9.786	138	54876	36.440	ng	95
54) 2,4-Dinitrophenol	9.886	184	67819	89.443	ng	92
55) Dibenzofuran	10.033	168	442955	43.263	ng	99
56) 4-Nitrophenol	9.945	139	84337	72.875	ng	99
57) 2,4-Dinitrotoluene	10.016	165	99536	45.841	ng	92
58) Fluorene	10.375	166	333031	41.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	94791	42.276	ng	96
60) Diethylphthalate	10.257	149	341146	44.150	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	169283	42.430	ng	96
62) 4-Nitroaniline	10.398	138	52504	36.424	ng	97
63) Azobenzene	10.533	77	346573	40.499	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	49602	48.348	ng	87
66) n-Nitrosodiphenylamine	10.492	169	284611	48.375	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	103400	48.598	ng	96
68) Hexachlorobenzene	10.922	284	108750	45.760	ng	95
69) Atrazine	11.022	200	90803	46.752	ng	100
70) Pentachlorophenol	11.116	266	124956	91.722	ng	97
71) Phenanthrene	11.339	178	442326	43.666	ng	100
72) Anthracene	11.392	178	457046	43.288	ng	98
73) Carbazole	11.551	167	361039	40.916	ng	99
74) Di-n-butylphthalate	11.892	149	468065	49.072	ng	99
75) Fluoranthene	12.533	202	435202	41.057	ng	100
77) Benzidine	12.686	184	12074	4.603	ng	# 89
78) Pyrene	12.763	202	447877	31.818	ng	99
80) Butylbenzylphthalate	13.398	149	178319	49.521	ng	98
81) Benzo(a)anthracene	13.957	228	444492	42.849	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	136714	48.373	ng	100
83) Chrysene	13.998	228	451322	44.254	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	252837	60.353	ng	97
85) Di-n-octyl phthalate	14.580	149	479945	72.051	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	295223	32.806	ng	99
88) Benzo(b)fluoranthene	15.015	252	384710	48.838	ng	98
89) Benzo(k)fluoranthene	15.045	252	393478	47.217	ng	98
90) Benzo(a)pyrene	15.386	252	320733	43.266	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	244635	33.927	ng	96
92) Benzo(g,h,i)perylene	17.386	276	223126	31.528	ng	98

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

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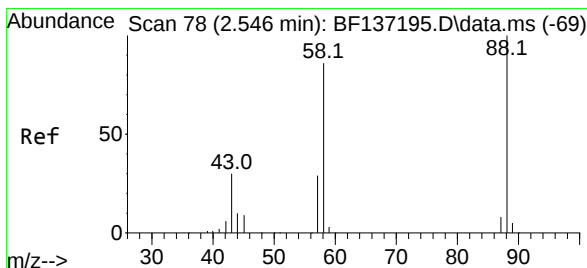
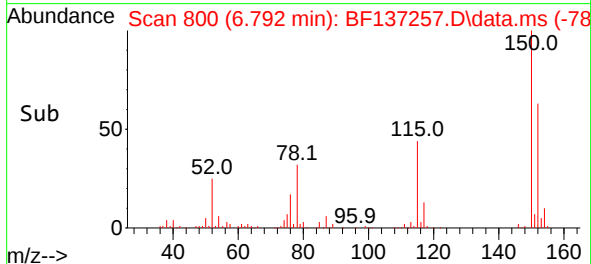
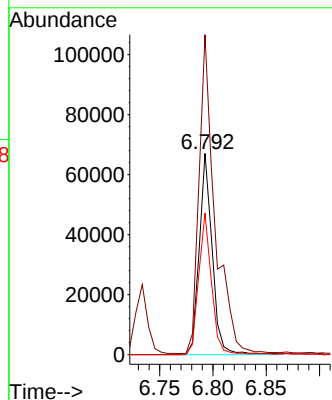
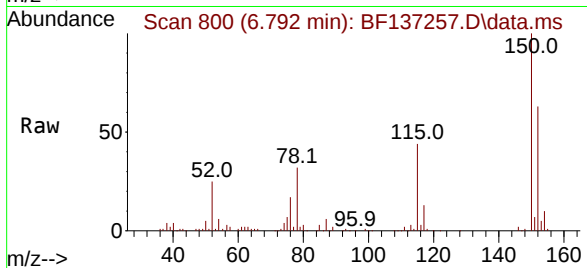




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

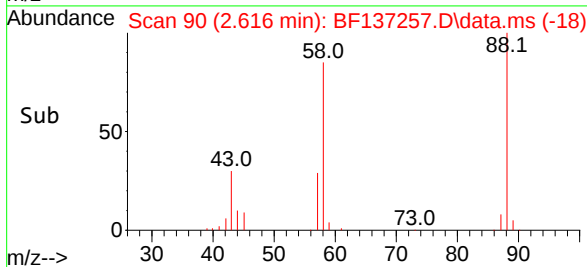
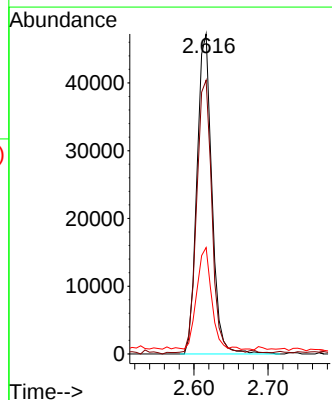
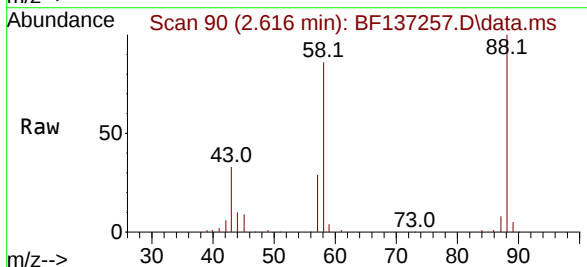
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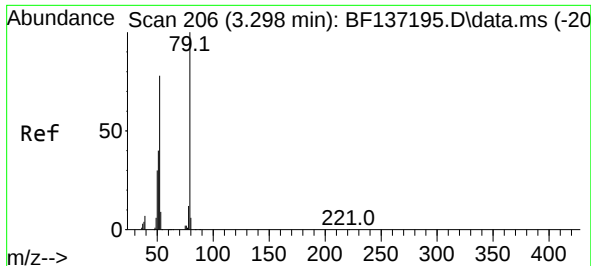
Tgt Ion:152 Resp: 57227
 Ion Ratio Lower Upper
 152 100
 150 159.0 129.8 194.8
 115 70.4 58.5 87.7



#2
 1,4-Dioxane
 Concen: 35.556 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

Tgt Ion: 88 Resp: 65981
 Ion Ratio Lower Upper
 88 100
 58 88.2 67.8 101.8
 43 31.3 26.6 40.0

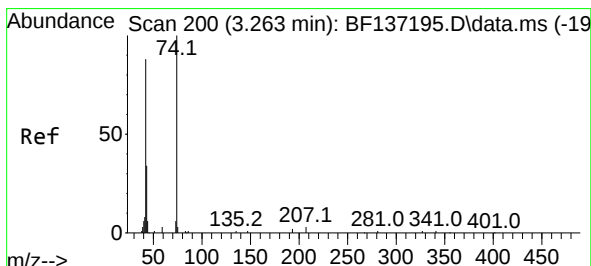
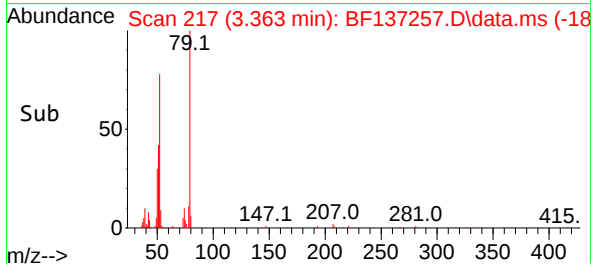
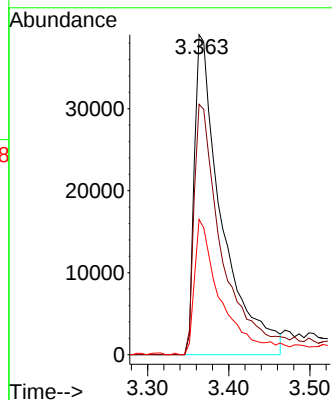
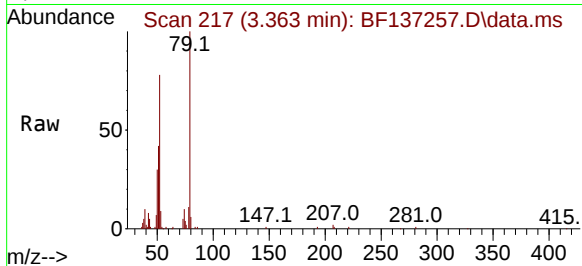




#3
Pyridine
Concen: 25.799 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

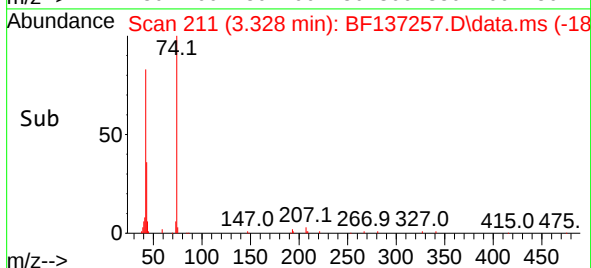
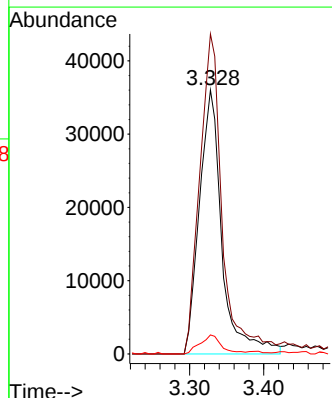
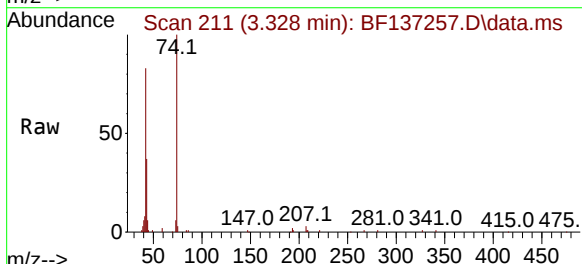
Instrument :
BNA_F
ClientSampleId :
TP-3MS

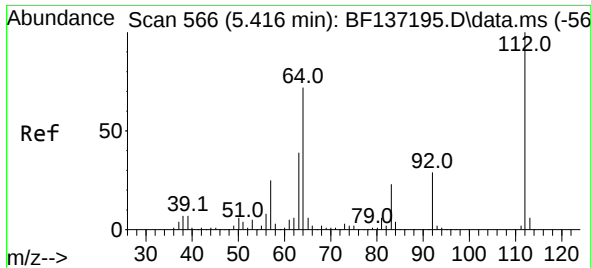
Tgt Ion: 79 Resp: 91296
Ion Ratio Lower Upper
79 100
52 78.3 62.6 94.0
51 42.3 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 41.191 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 42 Resp: 76037
Ion Ratio Lower Upper
42 100
74 121.2 90.5 135.7
44 7.2 6.1 9.1

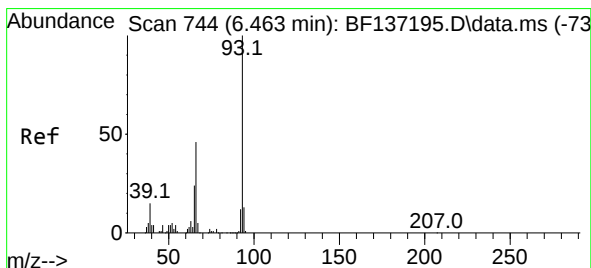
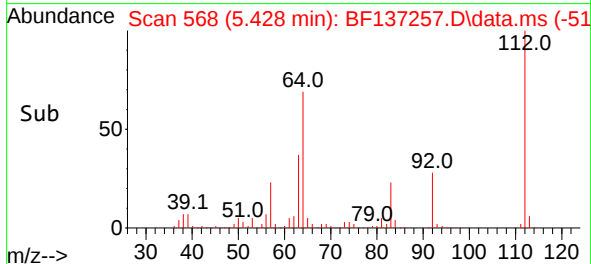
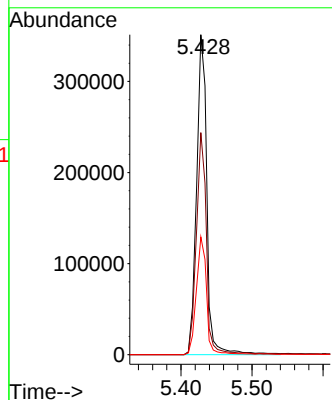
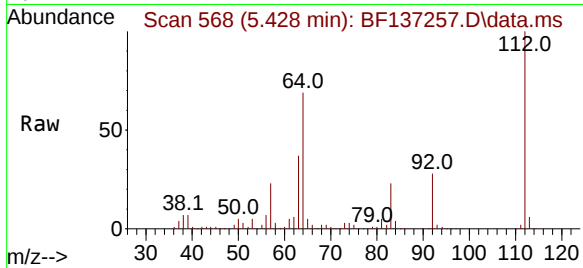




#5
2-Fluorophenol
Concen: 102.343 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

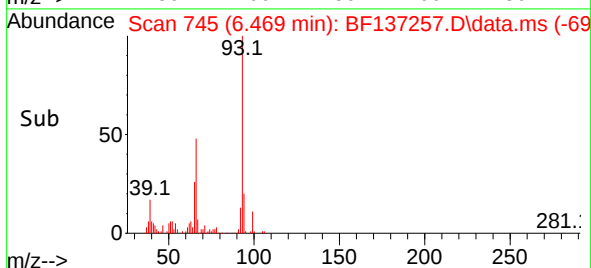
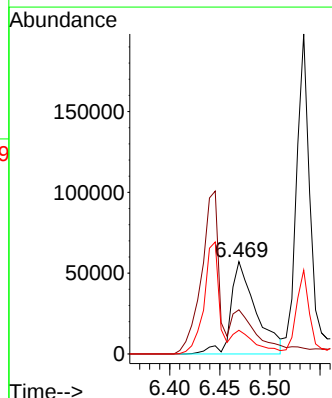
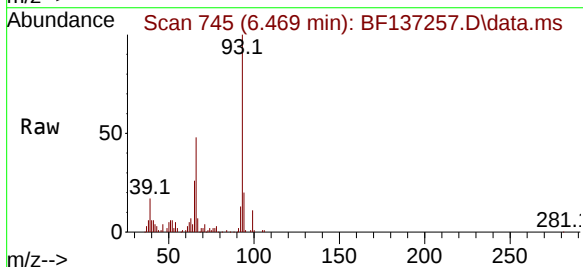
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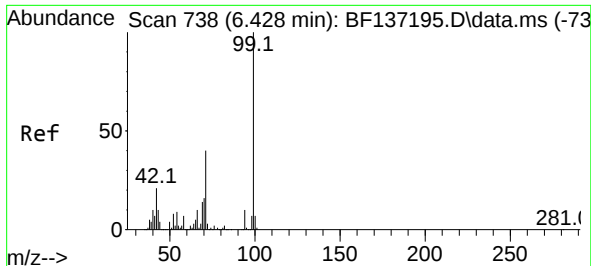
Tgt Ion:112 Resp: 354939
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.6
63 36.8 31.4 47.0



#6
Aniline
Concen: 18.749 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 93 Resp: 99336
Ion Ratio Lower Upper
93 100
66 47.7 37.9 56.9
65 25.6 19.0 28.4





#7
Phenol-d6
Concen: 95.763 ng
RT: 6.428 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

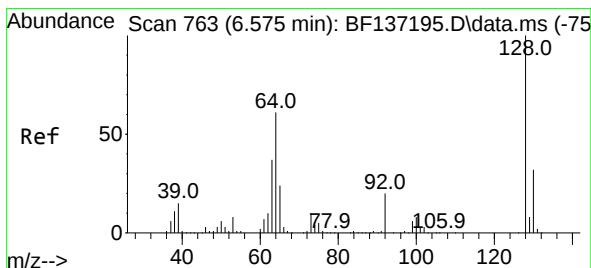
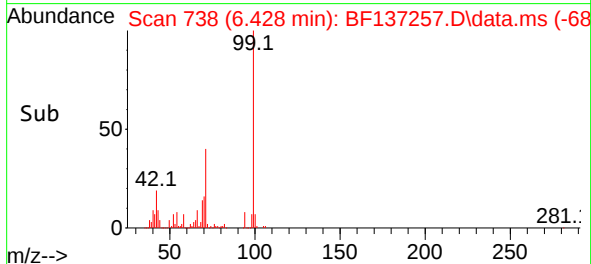
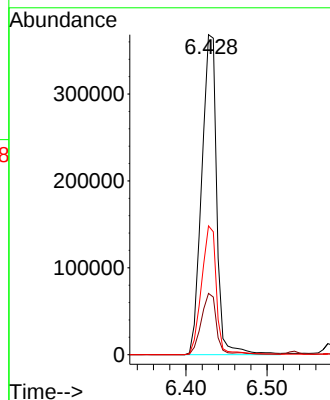
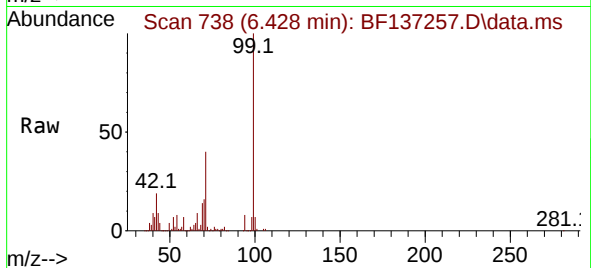
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BNA_F

ClientSampleId :

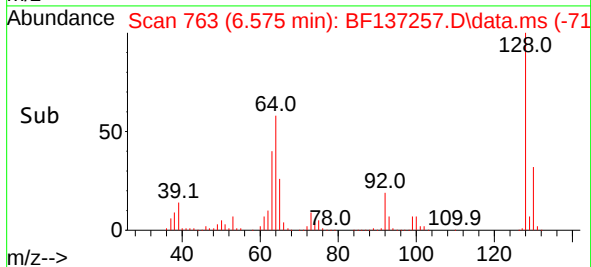
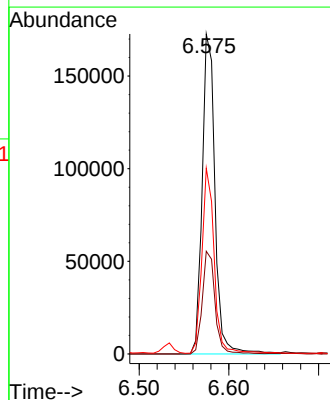
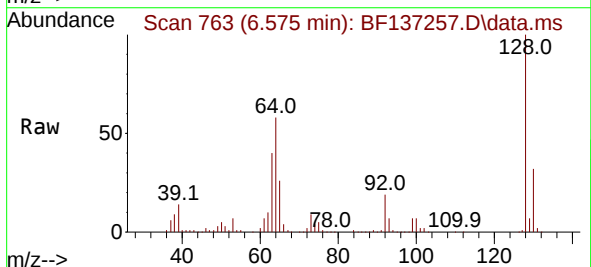
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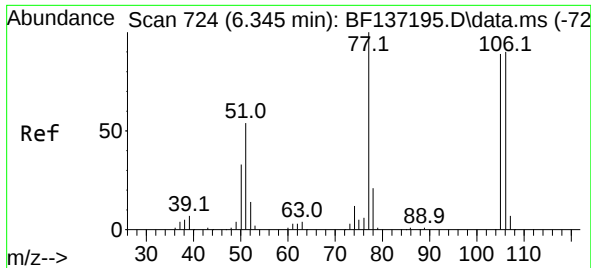
Tgt Ion: 99 Resp: 473965
Ion Ratio Lower Upper
99 100
42 19.1 16.4 24.6
71 40.3 32.4 48.6



#8
2-Chlorophenol
Concen: 44.248 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 128 Resp: 171585
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 58.0 41.6 81.6



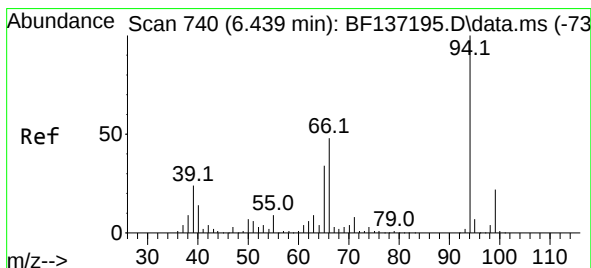
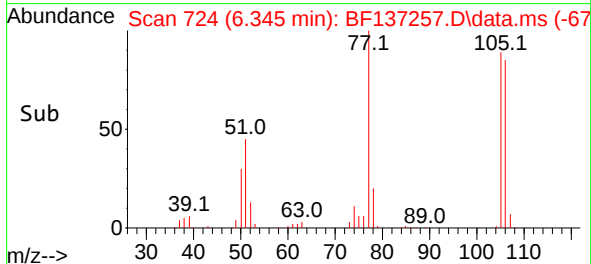
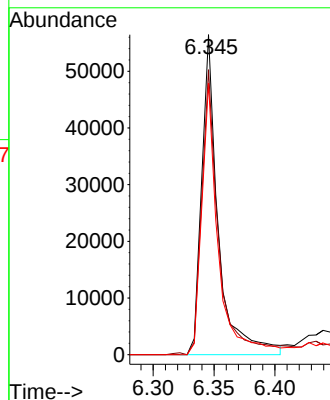
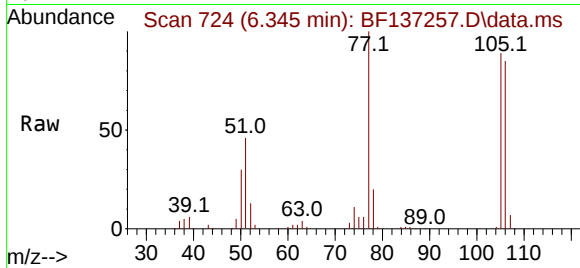


#9
Benzaldehyde
Concen: 28.373 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 77 Resp: 53480

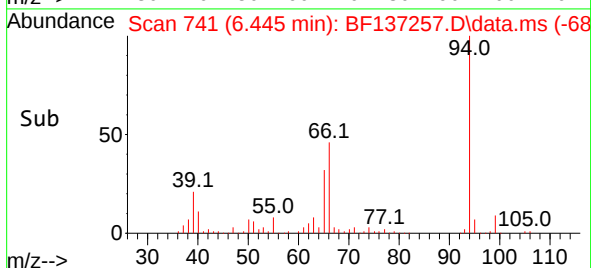
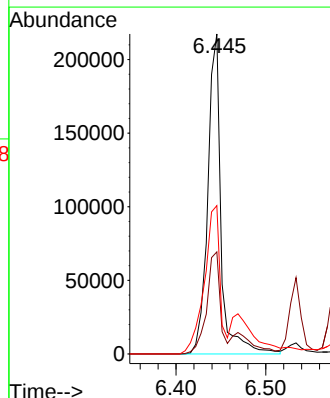
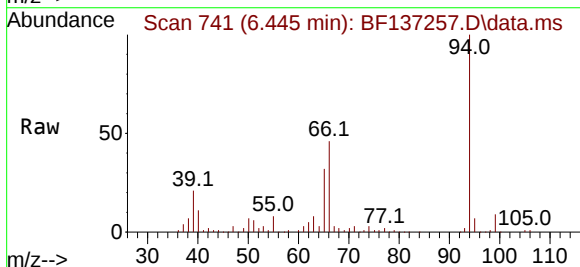
Ion	Ratio	Lower	Upper
77	100		
105	89.0	69.1	109.1
106	84.9	69.6	109.6

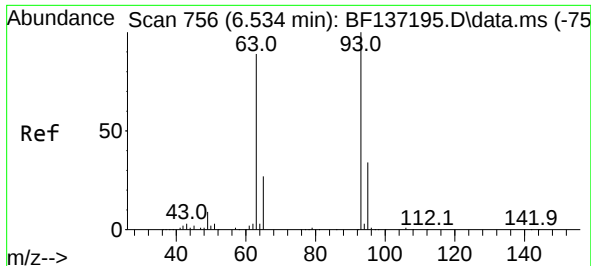


#10
Phenol
Concen: 40.572 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 94 Resp: 224146

Ion	Ratio	Lower	Upper
94	100		
65	31.9	13.7	53.7
66	46.4	27.8	67.8





#11

bis(2-Chloroethyl)ether

Concen: 44.591 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

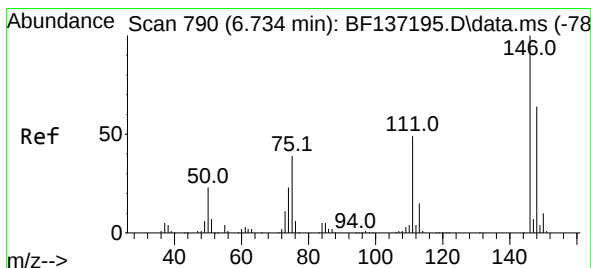
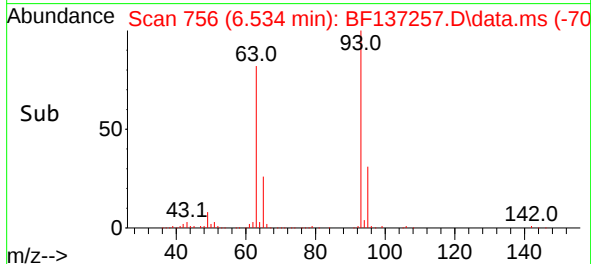
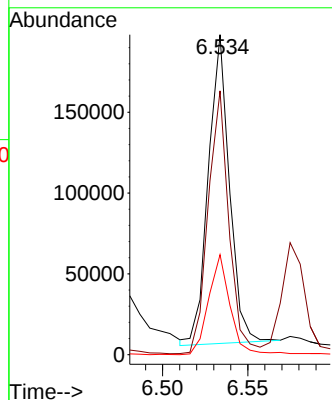
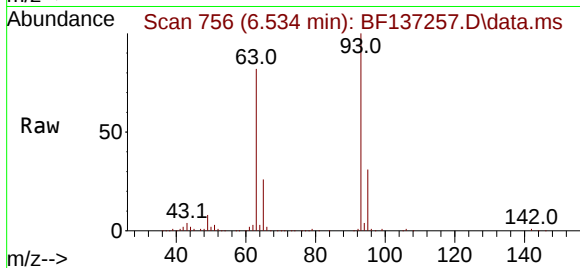
Tgt Ion: 93 Resp: 164631

Ion Ratio Lower Upper

93 100

63 82.4 66.7 106.7

95 31.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 42.381 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

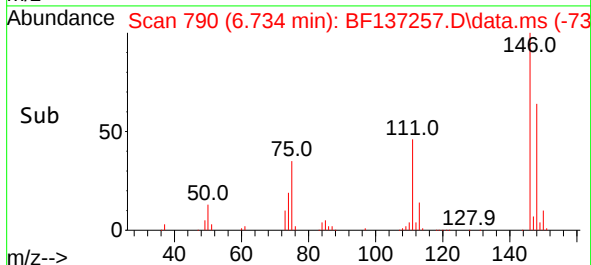
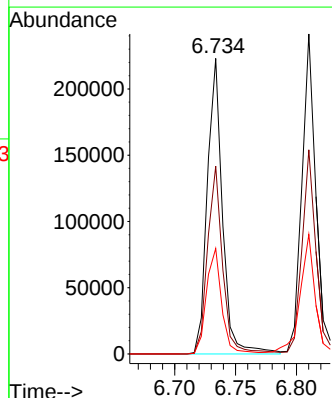
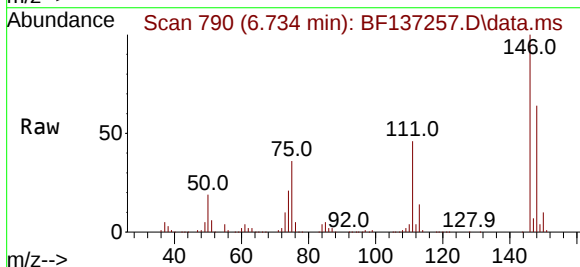
Tgt Ion:146 Resp: 192687

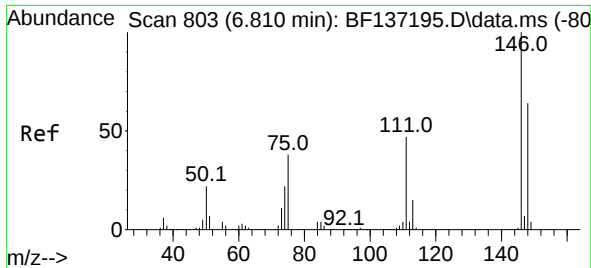
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

75 35.7 31.3 46.9

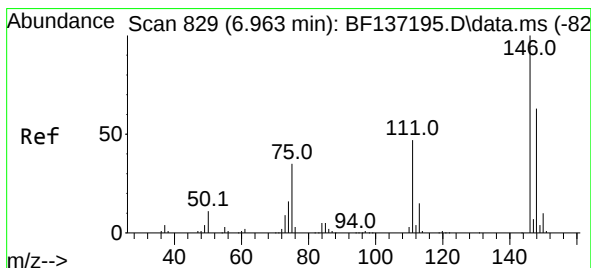
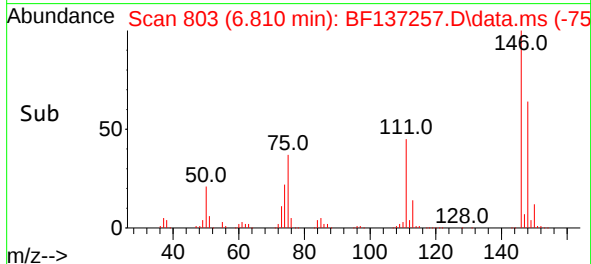
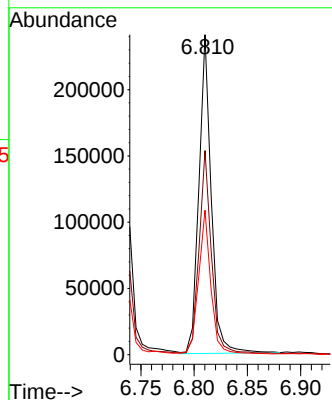
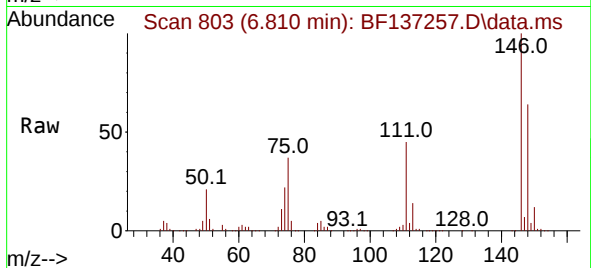




#13
1,4-Dichlorobenzene
Concen: 41.367 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

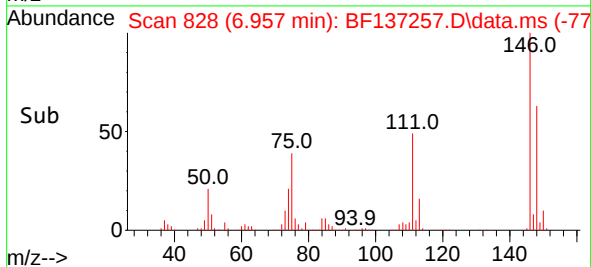
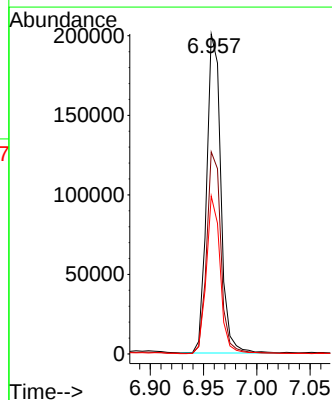
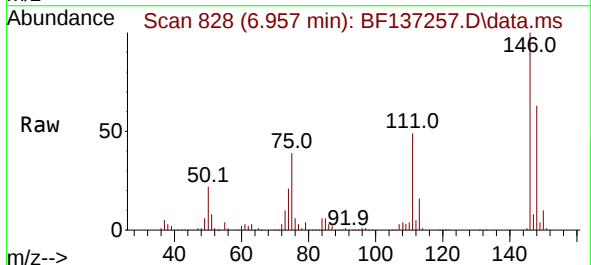
Instrument :
BNA_F
ClientSampleId :
TP-3MS

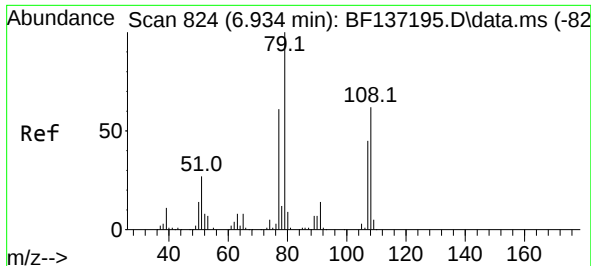
Tgt Ion:146 Resp: 194513
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
111 45.1 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 42.507 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:146 Resp: 186879
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 49.3 37.3 55.9

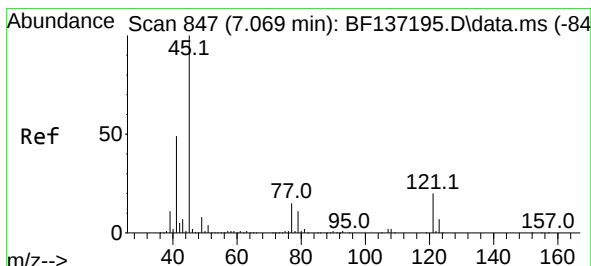
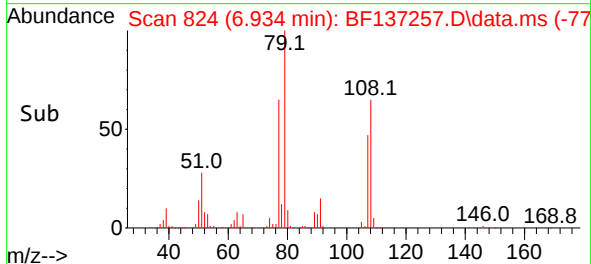
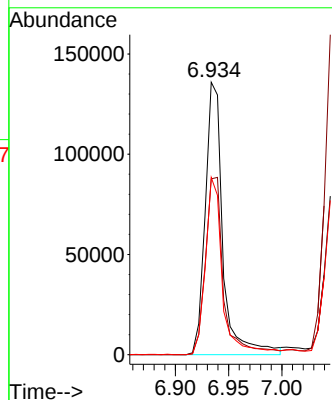
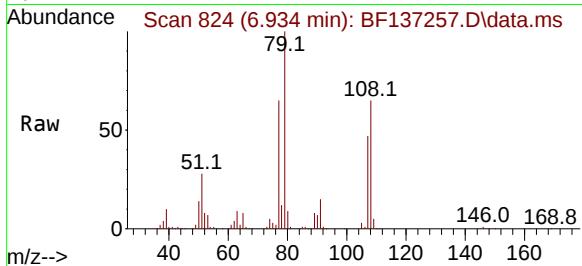




#15
Benzyl Alcohol
Concen: 44.633 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

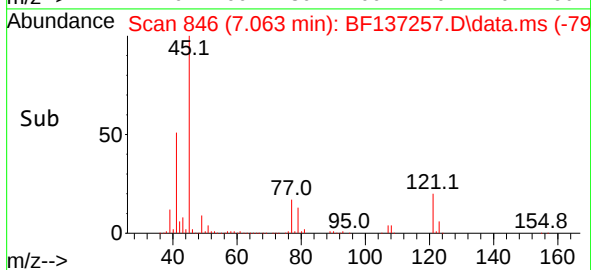
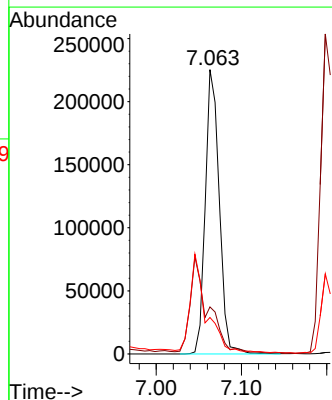
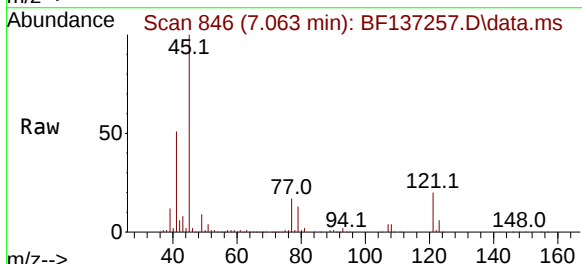
Instrument :
BNA_F
ClientSampleId :
TP-3MS

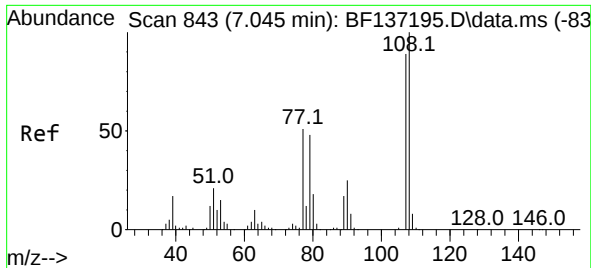
Tgt Ion: 79 Resp: 156941
Ion Ratio Lower Upper
79 100
108 64.5 49.3 73.9
77 65.1 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.414 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 45 Resp: 255484
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.9
79 12.8 0.0 32.4

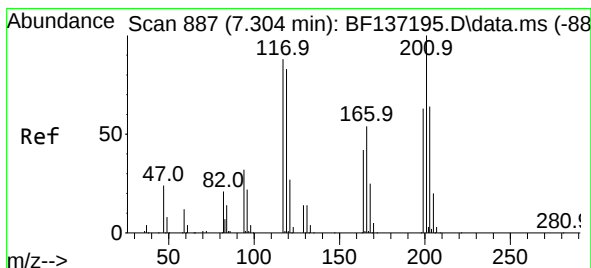
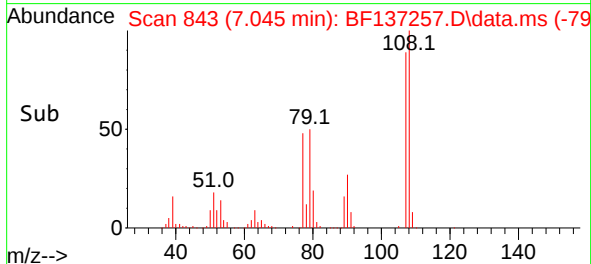
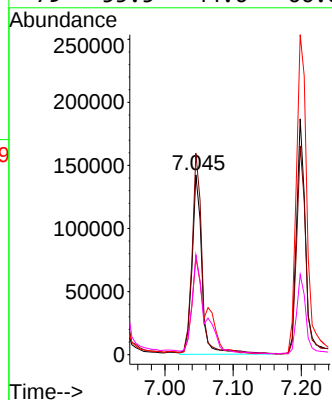
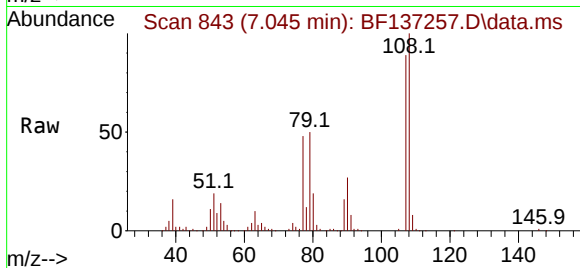




#17
2-Methylphenol
Concen: 44.055 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

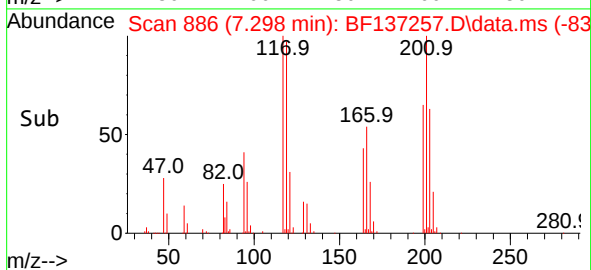
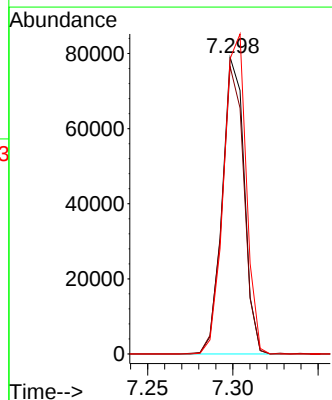
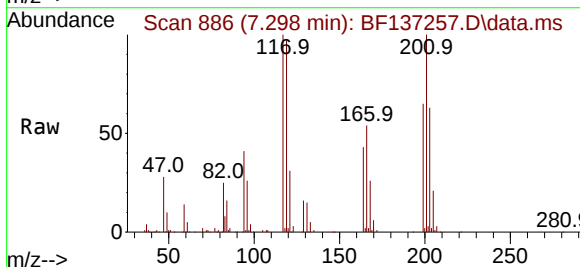
Instrument :
BNA_F
ClientSampleId :
TP-3MS

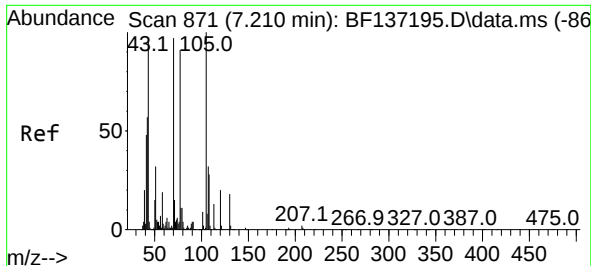
Tgt Ion:	107	Resp:	142723
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.9	134.9
77	54.0	46.6	69.8
79	55.5	44.6	66.8



#18
Hexachloroethane
Concen: 41.810 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:	117	Resp:	70904
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.4
201	99.6	91.4	137.0

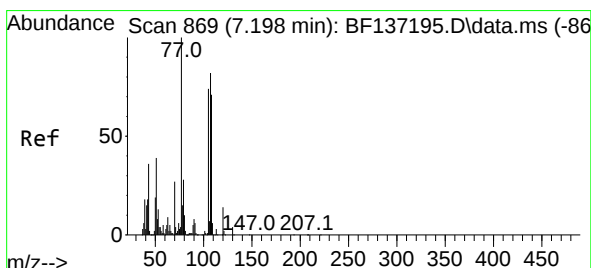
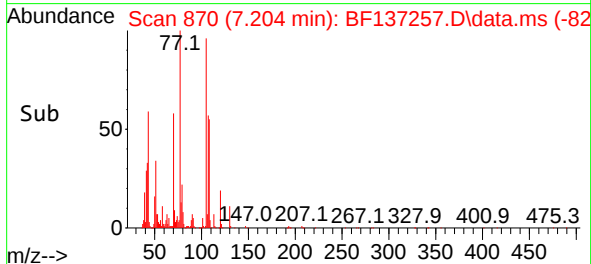
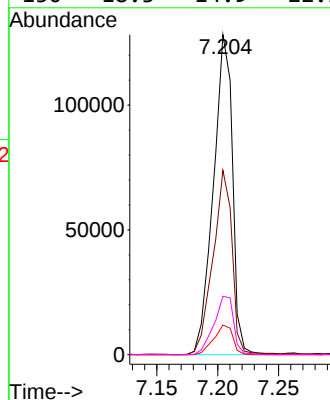
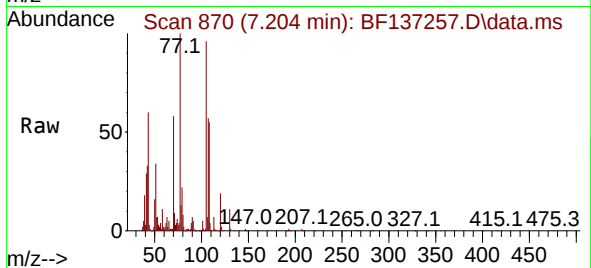




#19
n-Nitroso-di-n-propylamine
Concen: 41.157 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

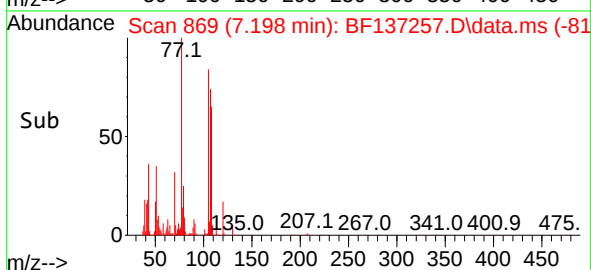
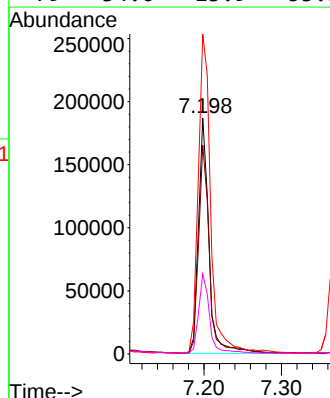
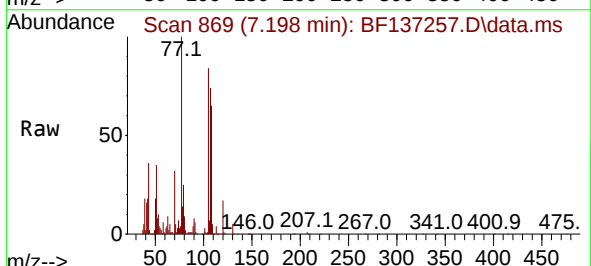
Instrument :
BNA_F
ClientSampleId :
TP-3MS

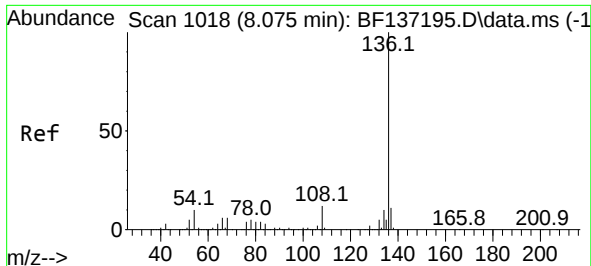
Tgt Ion: 70 Resp: 139669
Ion Ratio Lower Upper
70 100
42 57.6 47.2 70.8
101 9.2 7.4 11.0
130 18.3 14.9 22.3



#20
3+4-Methylphenols
Concen: 42.979 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 107 Resp: 176262
Ion Ratio Lower Upper
107 100
108 88.6 66.3 106.3
77 135.7 101.4 141.4
79 34.0 13.9 53.9



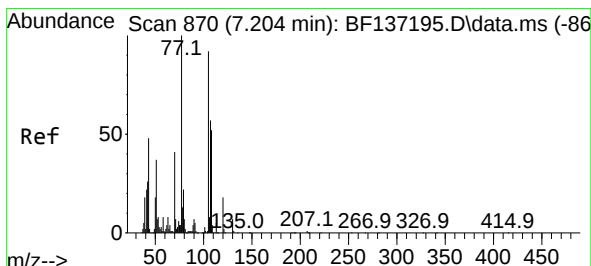
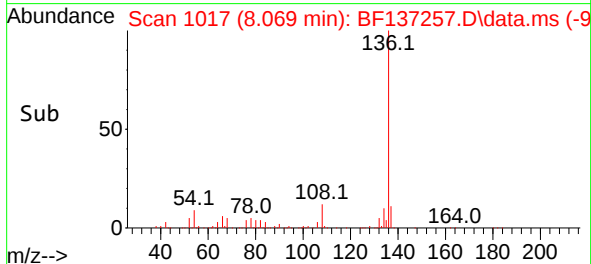
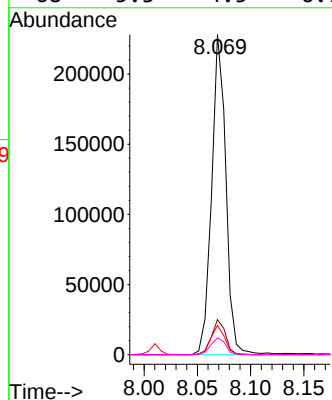
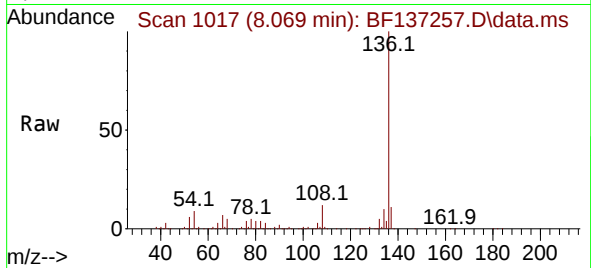


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:136 Resp: 211933

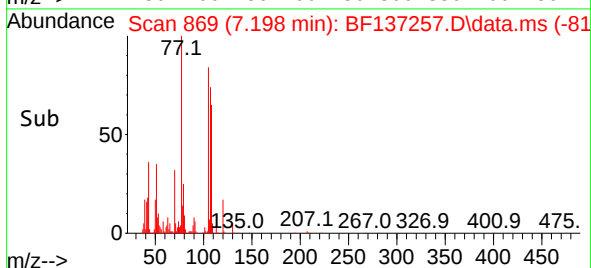
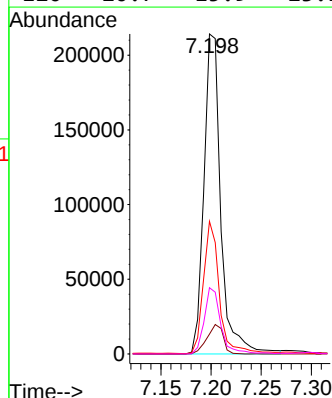
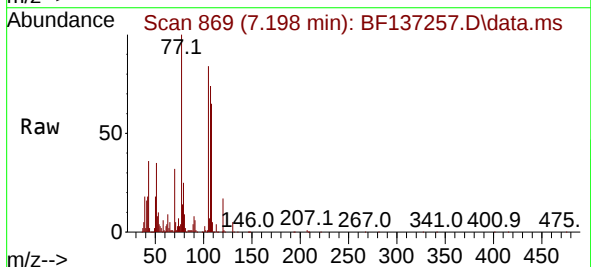
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	7.8	11.8
68	5.3	4.5	6.7

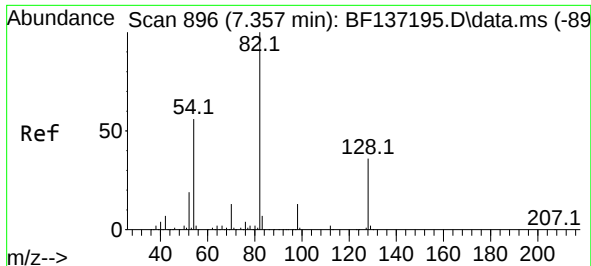


#22
Acetophenone
Concen: 44.198 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:105 Resp: 252174

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.7	8.5
51	41.4	32.2	48.4
120	20.7	15.9	23.9

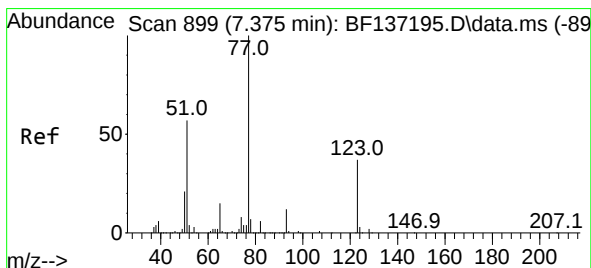
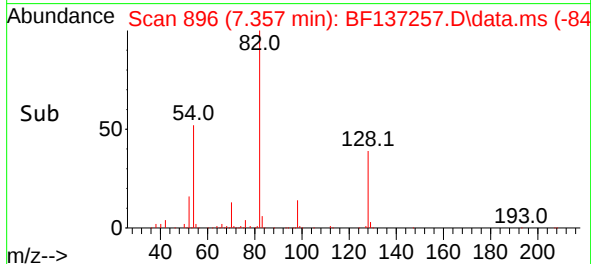
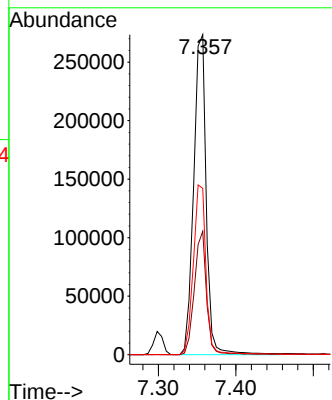
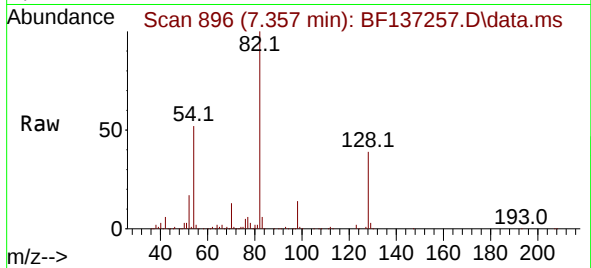




#23
Nitrobenzene-d5
Concen: 65.435 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

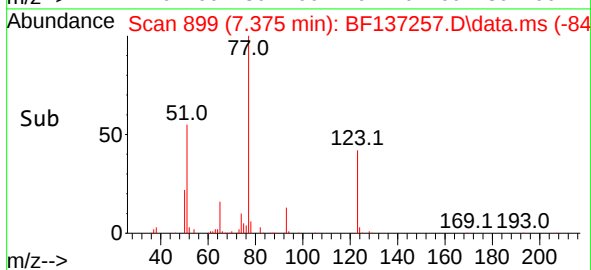
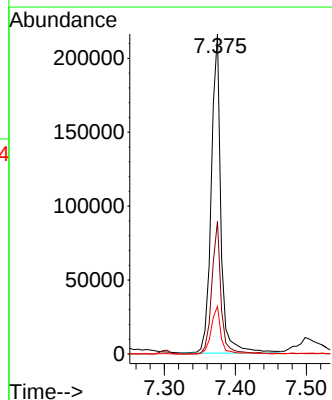
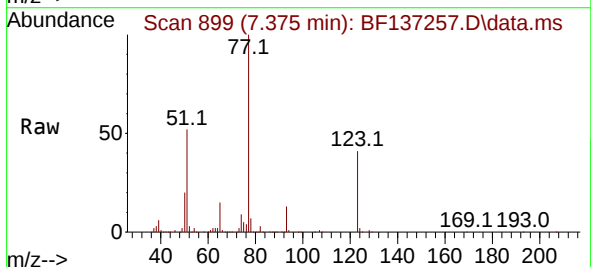
Instrument :
BNA_F
ClientSampleId :
TP-3MS

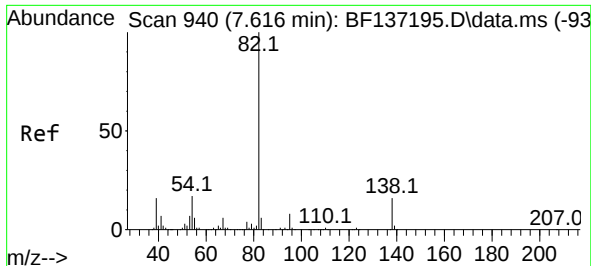
Tgt Ion: 82 Resp: 309747
Ion Ratio Lower Upper
82 100
128 38.6 29.1 43.7
54 52.0 45.0 67.6



#24
Nitrobenzene
Concen: 44.684 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 77 Resp: 205300
Ion Ratio Lower Upper
77 100
123 41.5 29.3 43.9
65 14.9 12.0 18.0

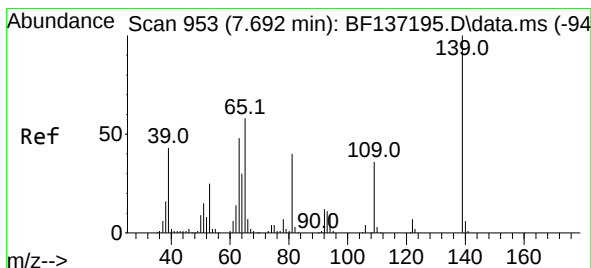
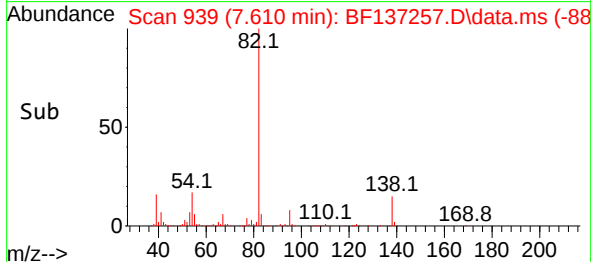
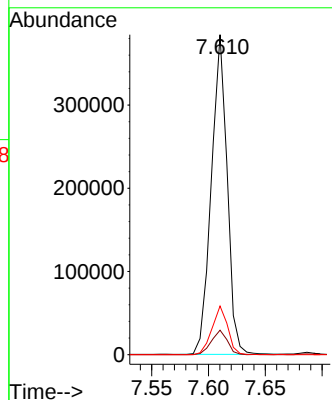
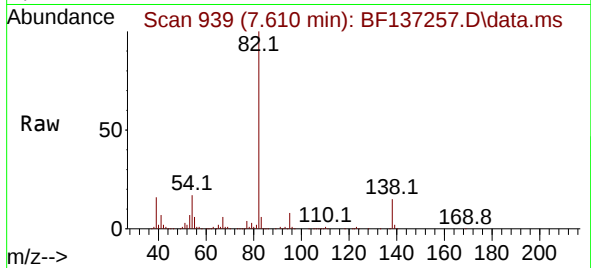




#25
Isophorone
Concen: 42.585 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

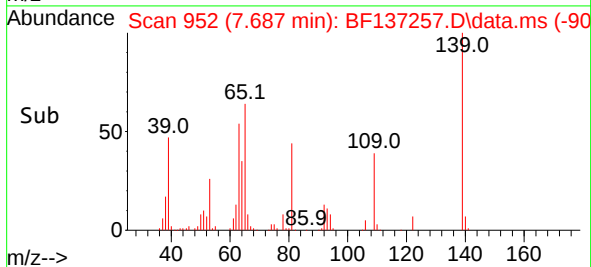
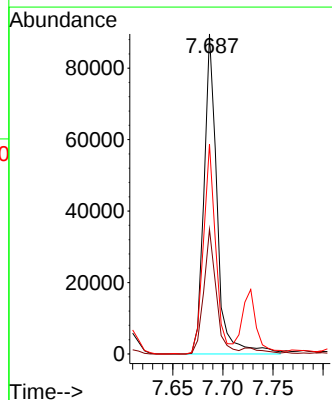
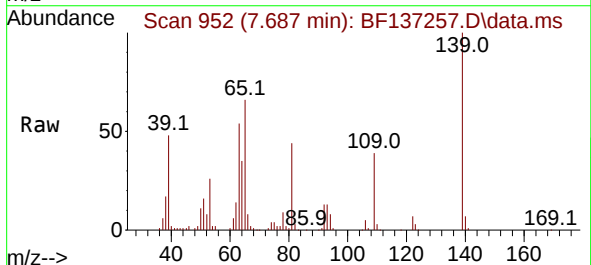
Instrument :
BNA_F
ClientSampleId :
TP-3MS

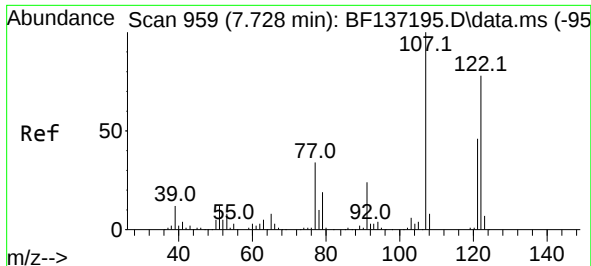
Tgt Ion: 82 Resp: 372083
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 15.2 12.7 19.1



#26
2-Nitrophenol
Concen: 46.137 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 139 Resp: 81886
Ion Ratio Lower Upper
139 100
109 38.9 28.5 42.7
65 65.6 46.7 70.1

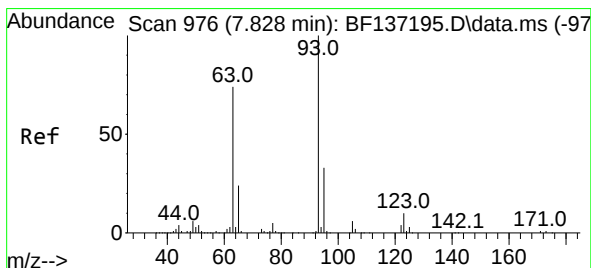
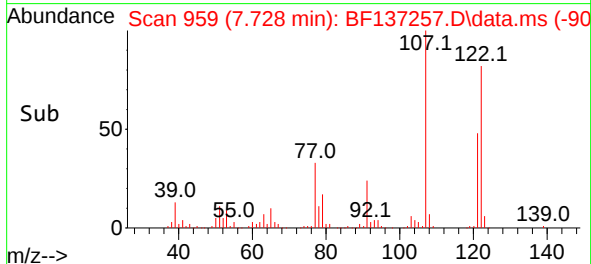
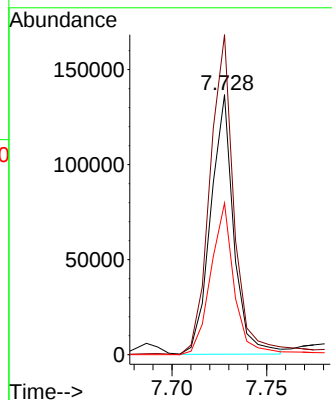
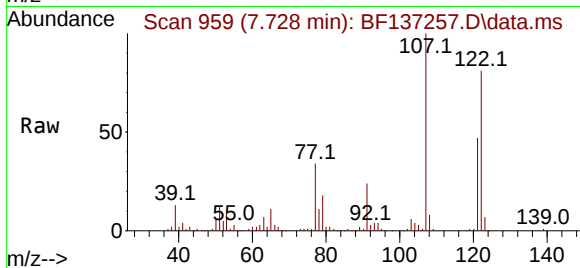




#27
2,4-Dimethylphenol
Concen: 46.382 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

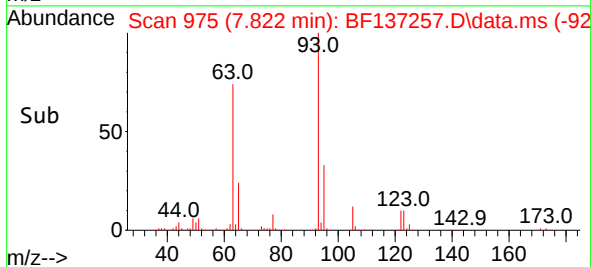
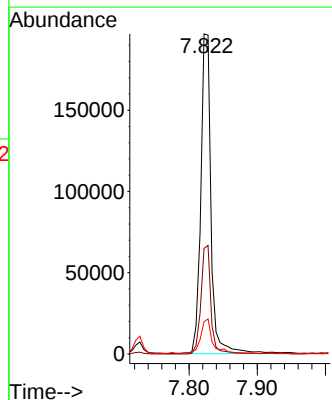
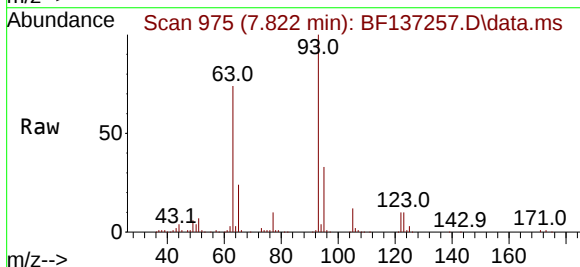
Instrument :
BNA_F
ClientSampleId :
TP-3MS

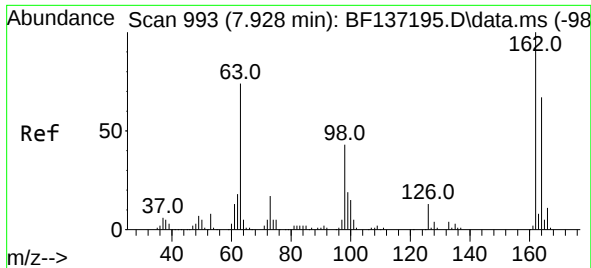
Tgt Ion:122 Resp: 115835
Ion Ratio Lower Upper
122 100
107 123.1 101.8 152.6
121 58.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.362 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 93 Resp: 205835
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 44.608 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

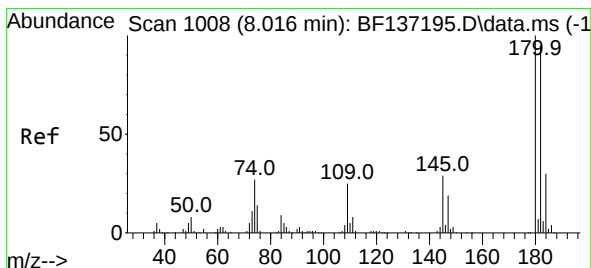
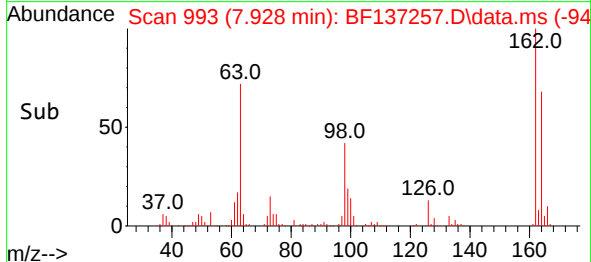
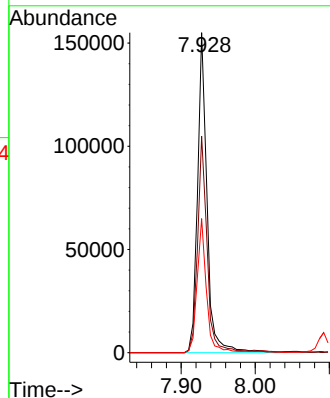
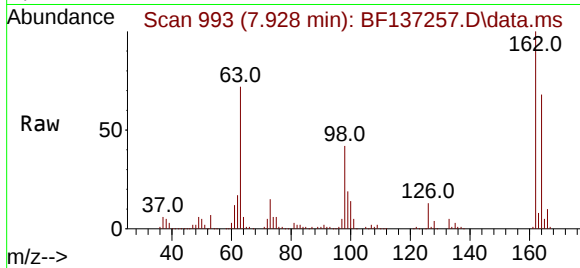
Tgt Ion:162 Resp: 138202

Ion Ratio Lower Upper

162 100

164 67.7 46.7 86.7

98 41.9 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 43.582 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

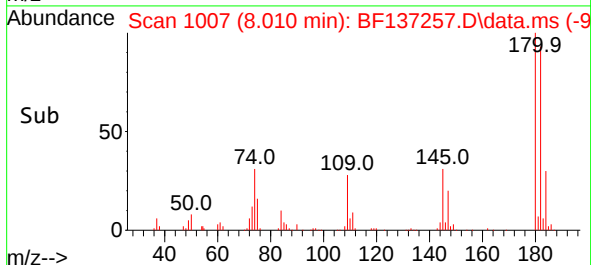
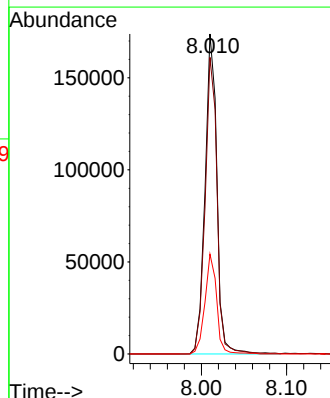
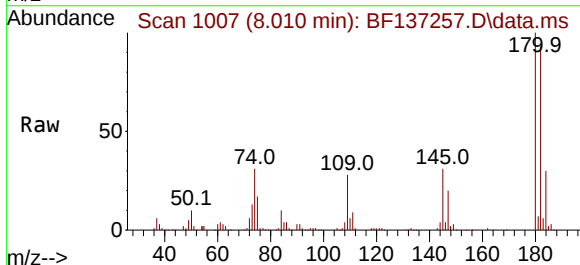
Tgt Ion:180 Resp: 167719

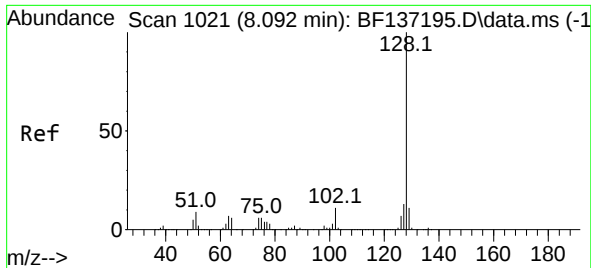
Ion Ratio Lower Upper

180 100

182 92.7 75.9 113.9

145 31.2 23.2 34.8

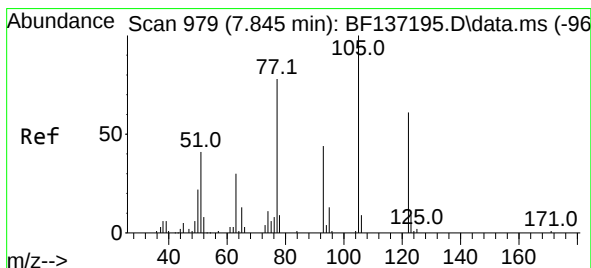
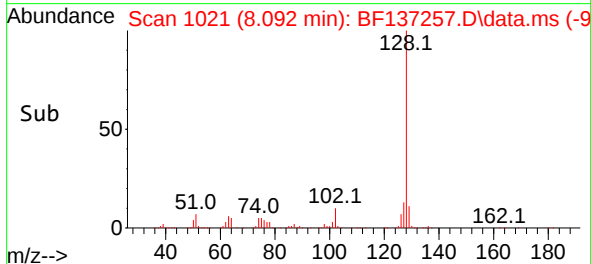
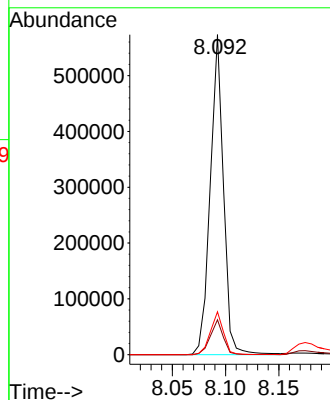
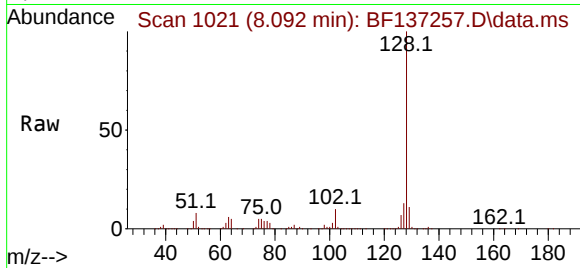




#31
Naphthalene
Concen: 43.326 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

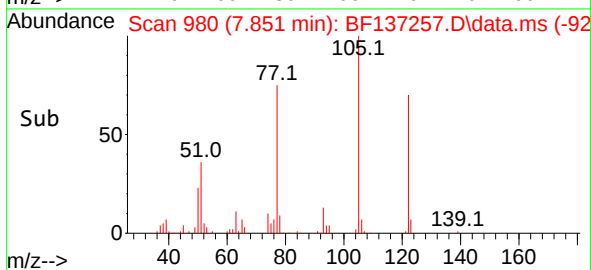
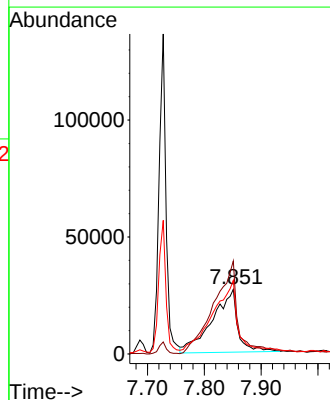
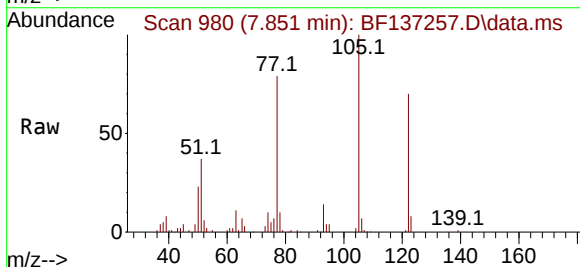
Instrument :
BNA_F
ClientSampleId :
TP-3MS

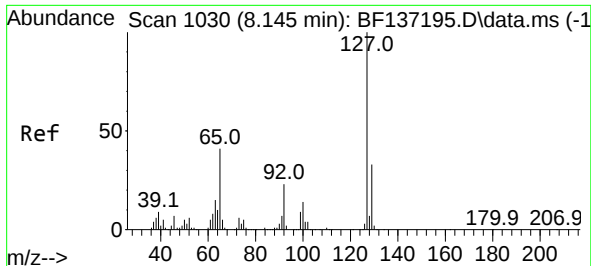
Tgt Ion:128 Resp: 496403
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 48.066 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:122 Resp: 84554
Ion Ratio Lower Upper
122 100
105 143.8 122.5 162.5
77 113.7 96.4 136.4

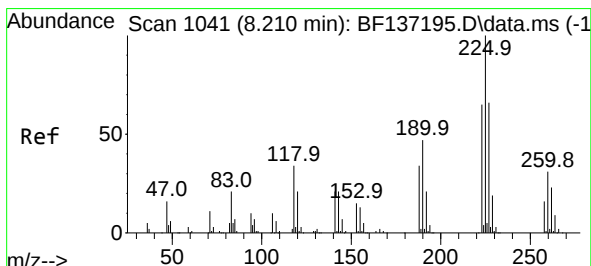
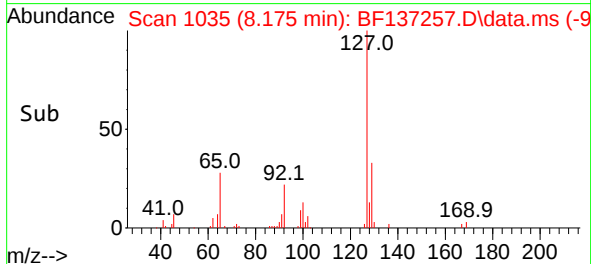
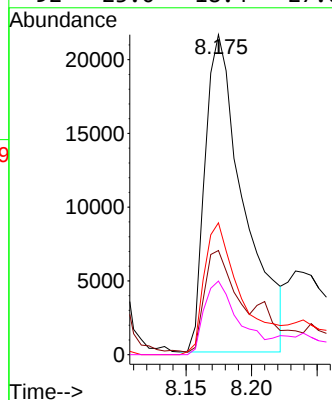
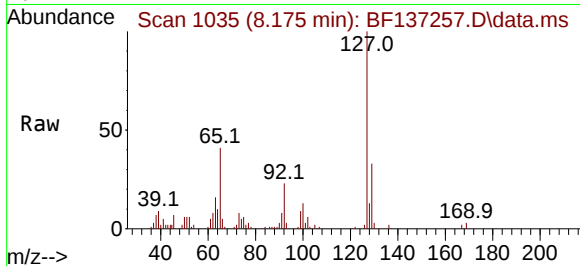




#33
4-Chloroaniline
Concen: 11.234 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.030 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

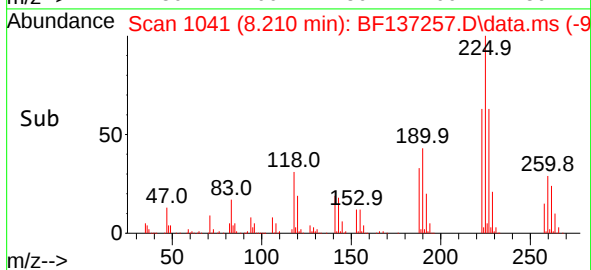
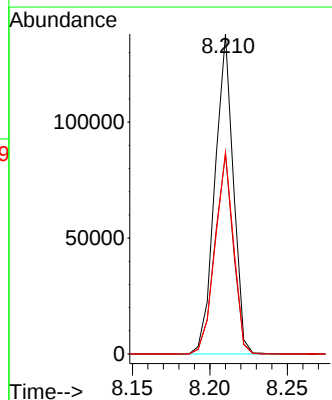
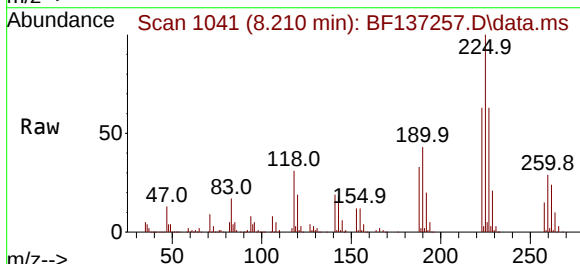
Instrument :
BNA_F
ClientSampleId :
TP-3MS

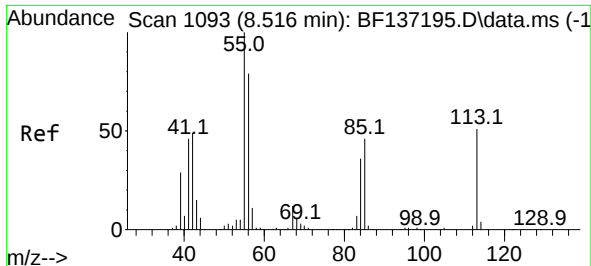
Tgt Ion:127	Resp:	44274
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.8 40.2
65	41.2	32.9 49.3
92	23.0	18.4 27.6



#34
Hexachlorobutadiene
Concen: 44.475 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:225	Resp:	113805
Ion Ratio	Lower	Upper
225	100	
223	62.5	52.0 78.0
227	63.1	52.9 79.3

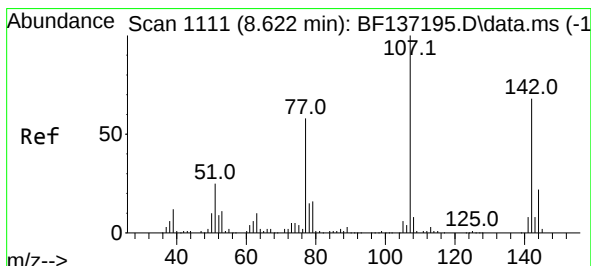
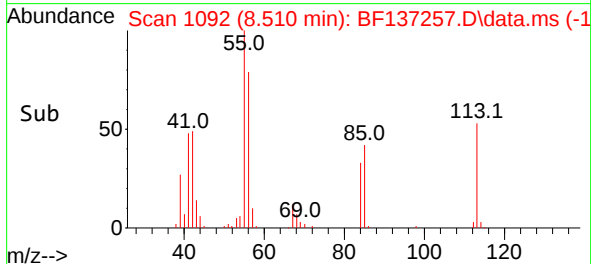
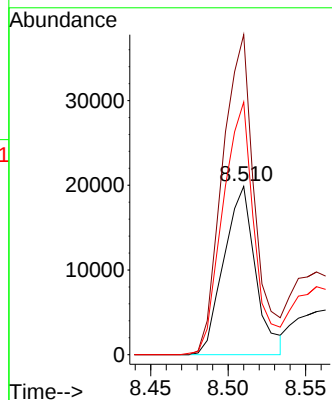
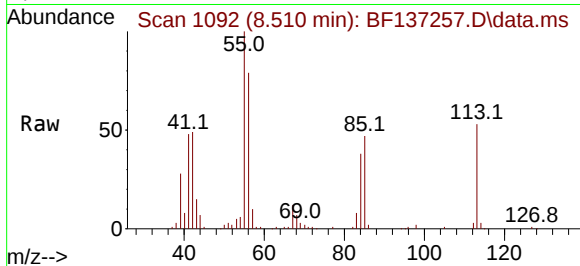




#35
 Caprolactam
 Concen: 29.305 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

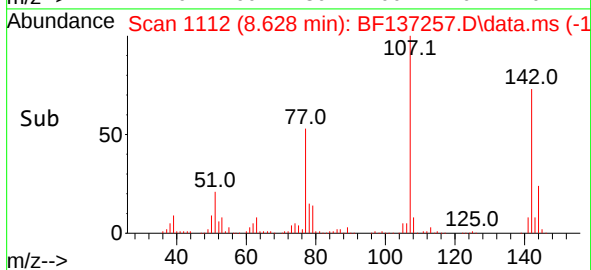
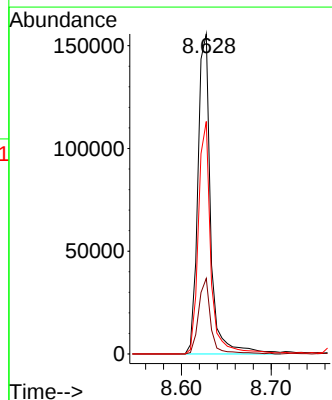
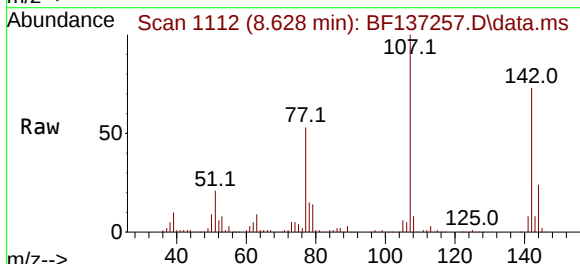
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

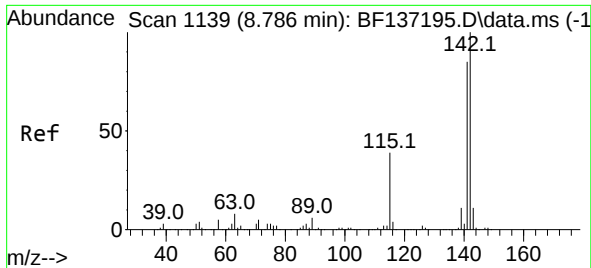
Tgt Ion:113 Resp: 28231
 Ion Ratio Lower Upper
 113 100
 55 190.0 176.0 216.0
 56 150.0 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.119 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

Tgt Ion:107 Resp: 154124
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.2 25.8
 142 72.6 54.6 82.0





#37

2-Methylnaphthalene

Concen: 42.179 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

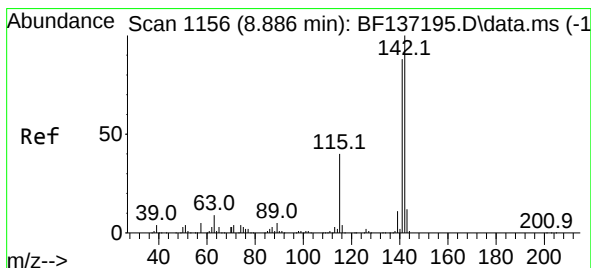
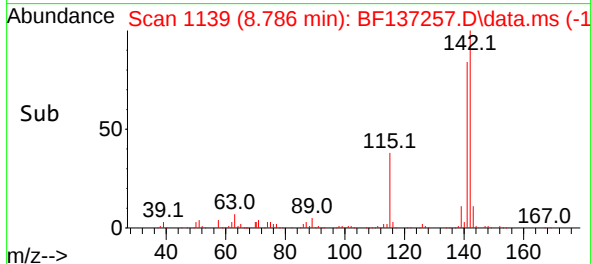
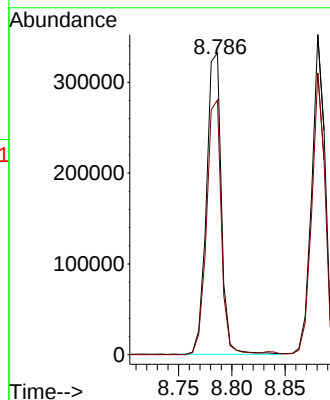
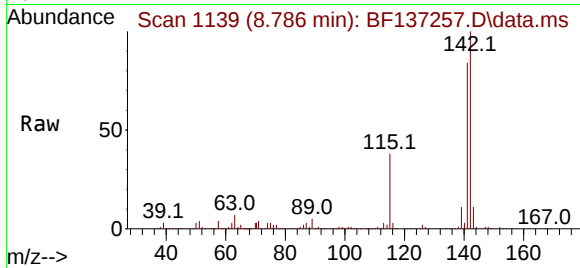
TP-3MS

Tgt Ion:142 Resp: 323986

Ion Ratio Lower Upper

142 100

141 84.4 67.8 101.8



#38

1-Methylnaphthalene

Concen: 43.641 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137257.D

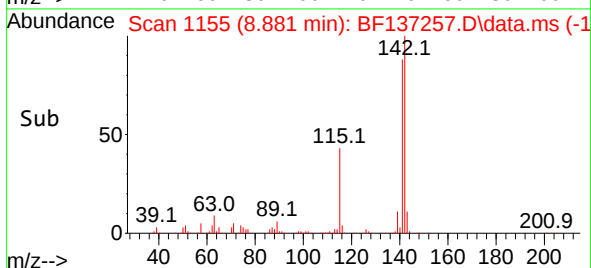
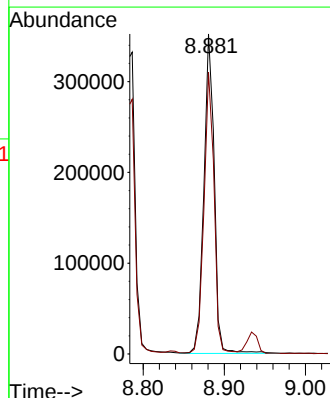
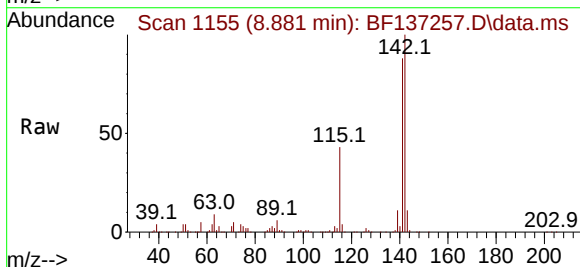
Acq: 02 Feb 2024 16:17

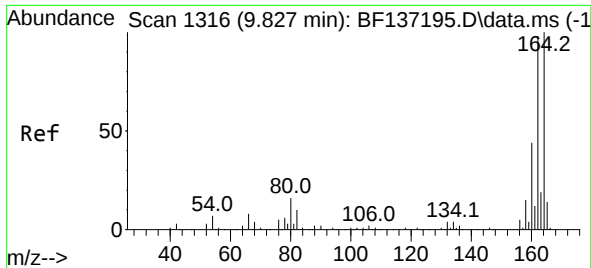
Tgt Ion:142 Resp: 311350

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8

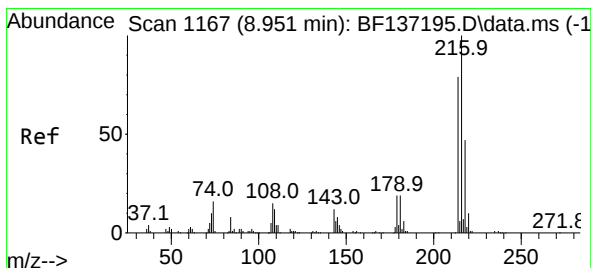
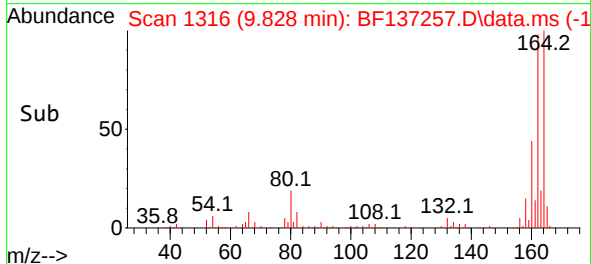
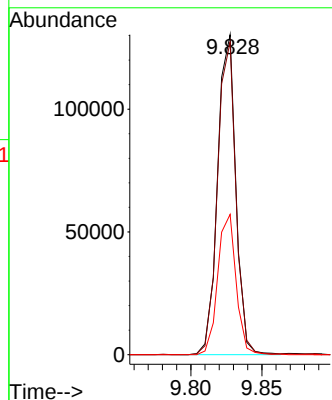
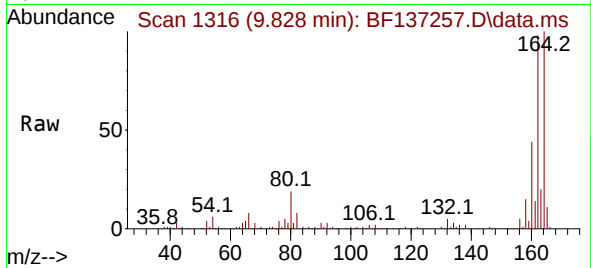




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

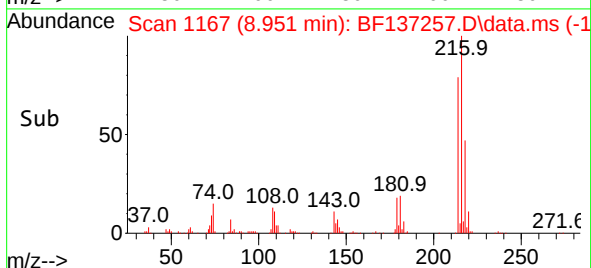
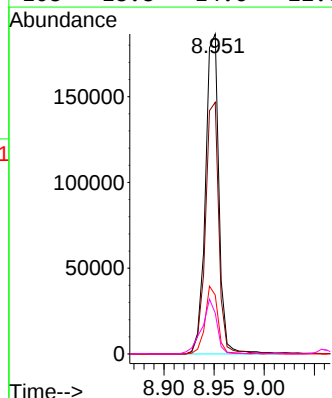
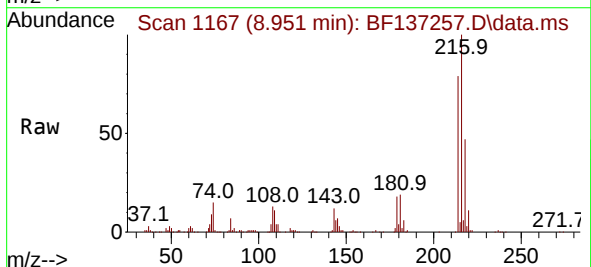
Instrument :
BNA_F
ClientSampleId :
TP-3MS

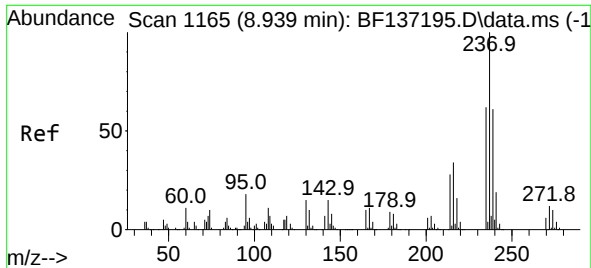
Tgt Ion:164 Resp: 116162
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 43.8 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.206 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:216 Resp: 175712
Ion Ratio Lower Upper
216 100
214 79.4 63.9 95.9
179 20.1 16.2 24.2
108 18.8 14.6 22.0

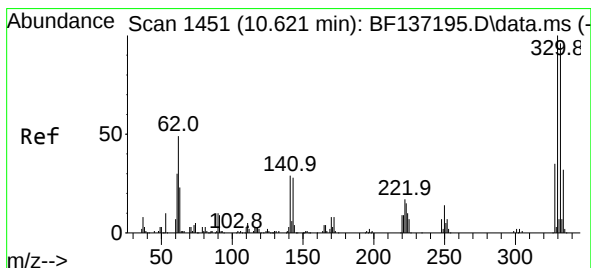
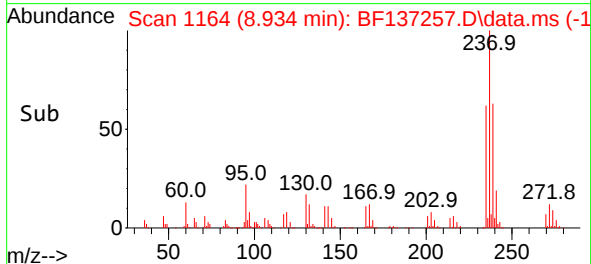
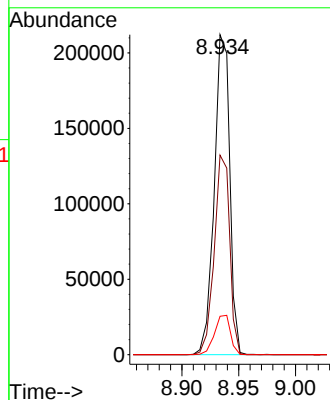
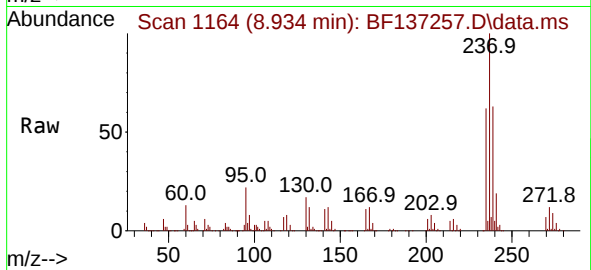




#41
Hexachlorocyclopentadiene
Concen: 108.419 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

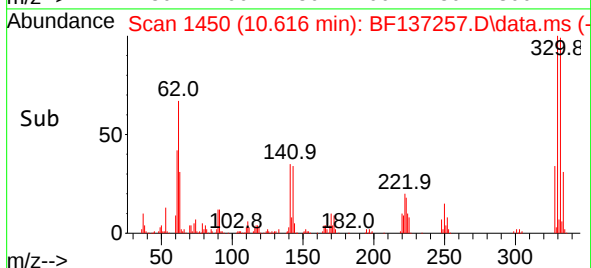
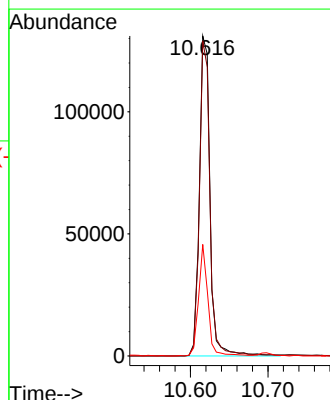
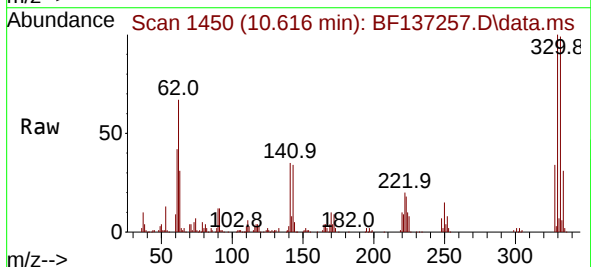
Instrument :
BNA_F
ClientSampleId :
TP-3MS

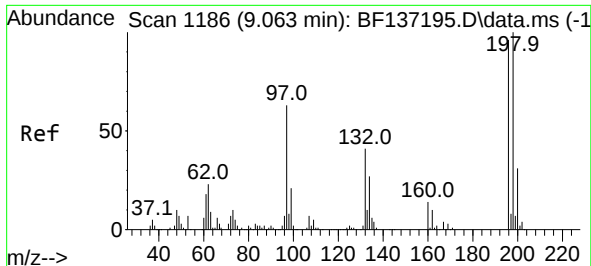
Tgt Ion:237 Resp: 200712
Ion Ratio Lower Upper
237 100
235 62.4 41.6 81.6
272 12.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 95.067 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:330 Resp: 124716
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.8 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 47.920 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

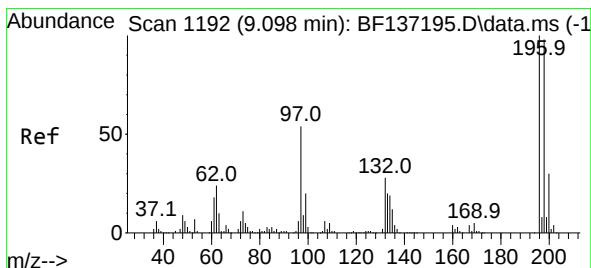
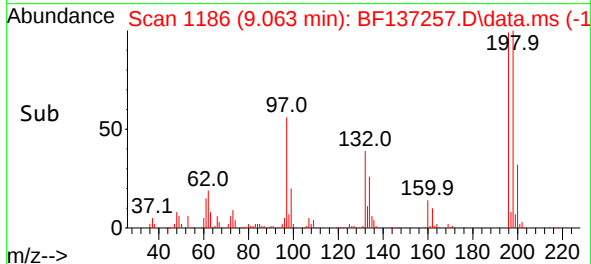
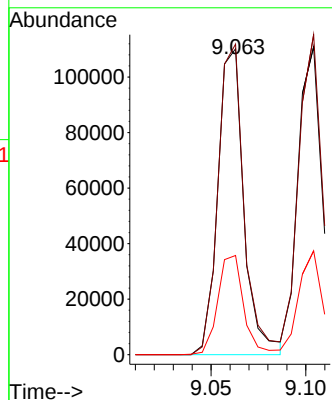
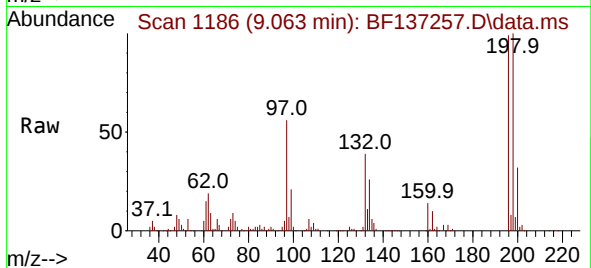
Tgt Ion:196 Resp: 105646

Ion Ratio Lower Upper

196 100

198 101.5 83.0 124.6

200 32.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.051 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Tgt Ion:196 Resp: 103744

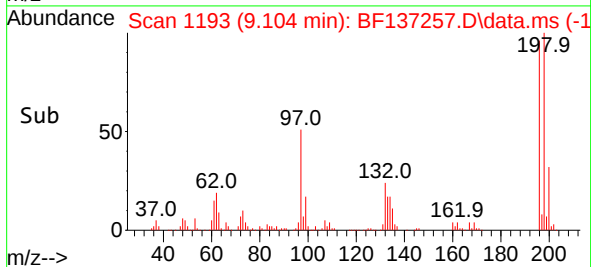
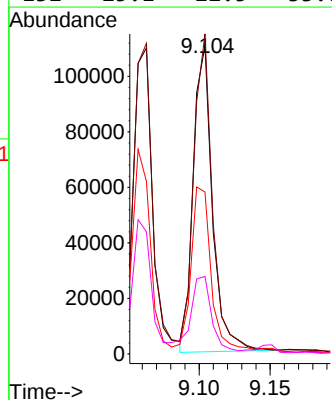
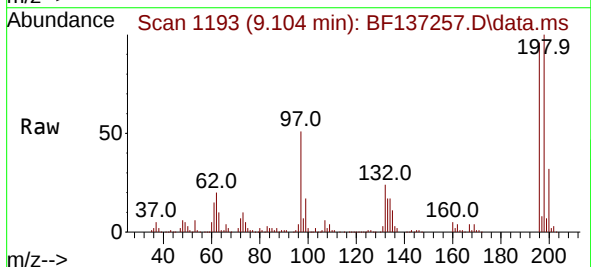
Ion Ratio Lower Upper

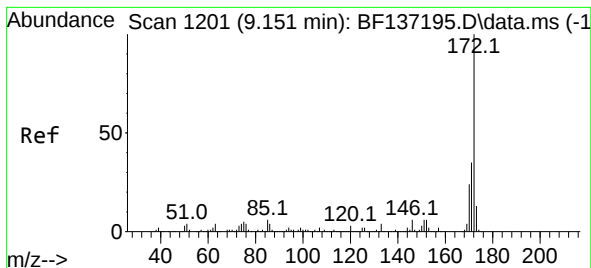
196 100

198 103.9 78.2 117.4

97 52.6 44.2 66.2

132 25.1 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 63.578 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

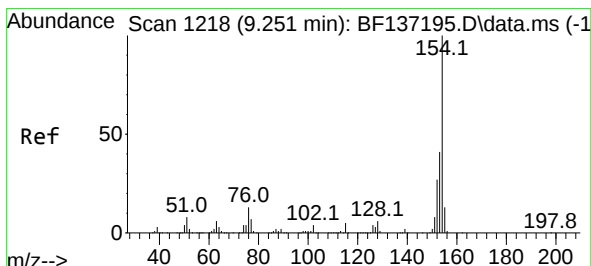
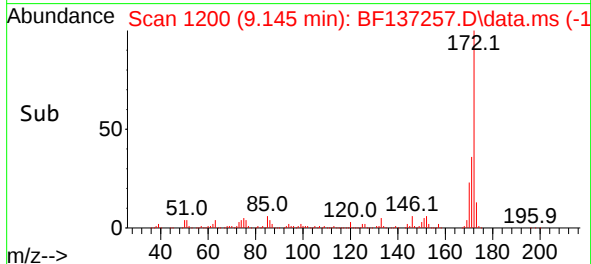
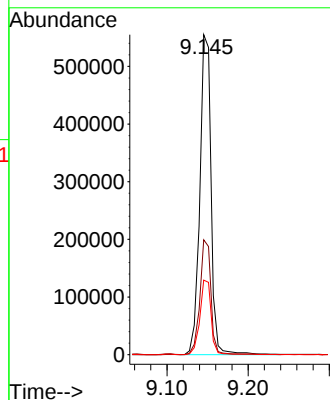
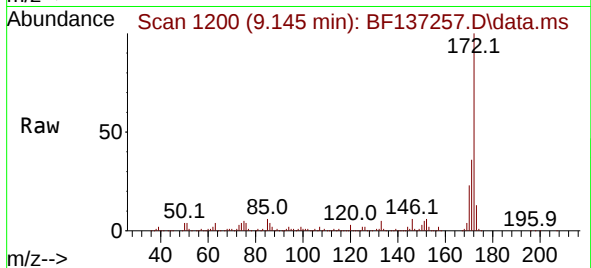
Tgt Ion:172 Resp: 537243

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.781 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

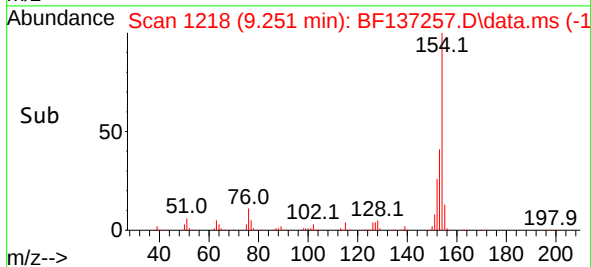
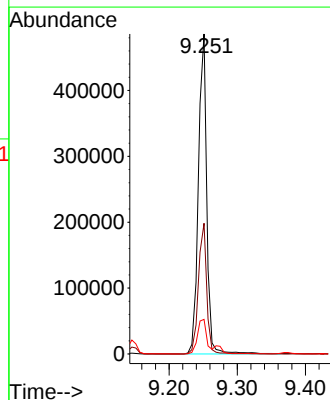
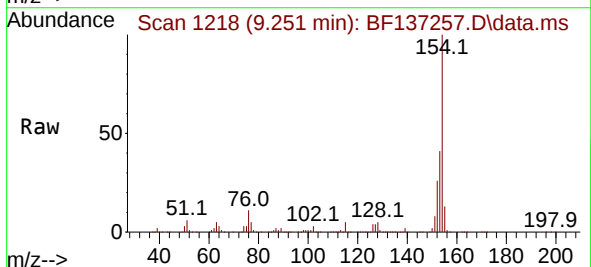
Tgt Ion:154 Resp: 413877

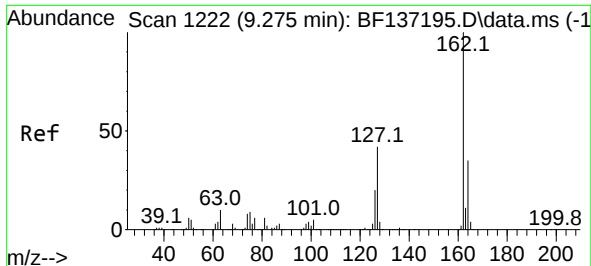
Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

76 10.8 0.0 33.0

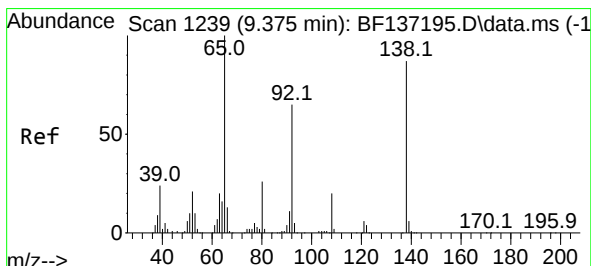
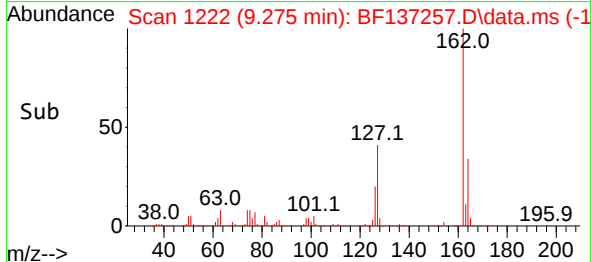
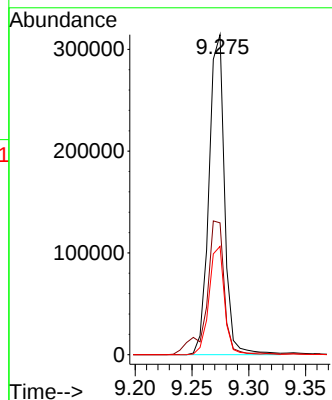
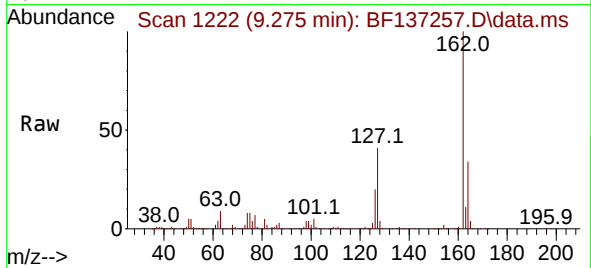




#47
2-Chloronaphthalene
Concen: 43.840 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

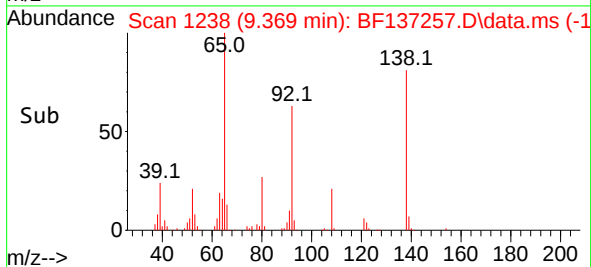
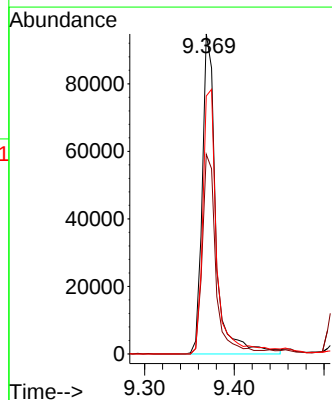
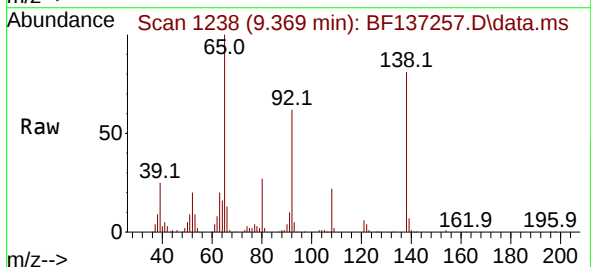
Instrument :
BNA_F
ClientSampleId :
TP-3MS

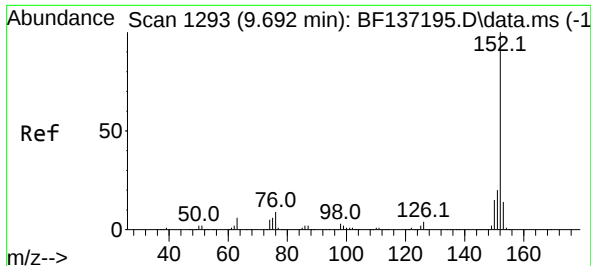
Tgt Ion:162 Resp: 299853
Ion Ratio Lower Upper
162 100
127 41.2 34.1 51.1
164 33.9 27.9 41.9



#48
2-Nitroaniline
Concen: 45.123 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion: 65 Resp: 99893
Ion Ratio Lower Upper
65 100
92 62.4 51.7 77.5
138 80.6 69.7 104.5

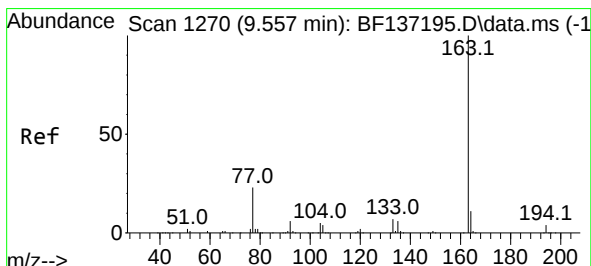
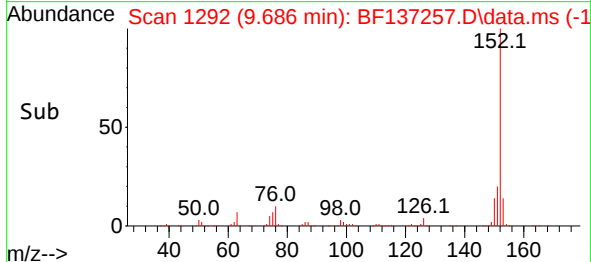
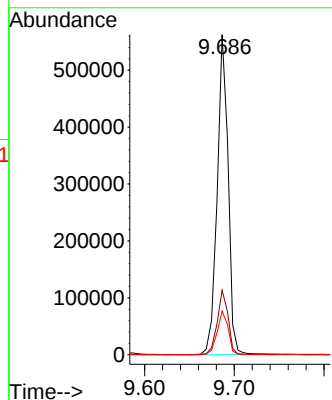
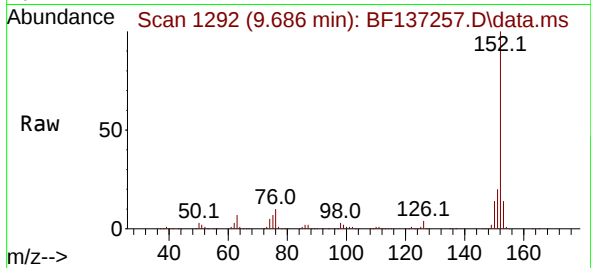




#49
Acenaphthylene
Concen: 43.593 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

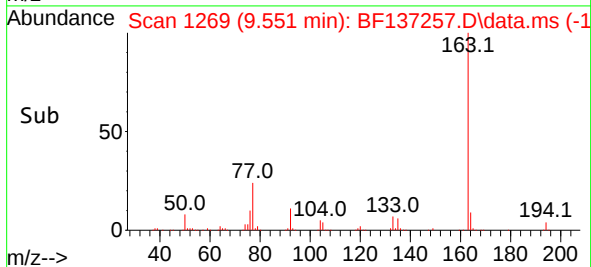
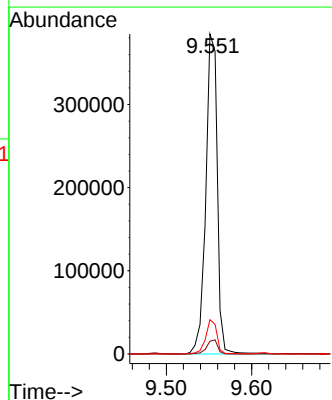
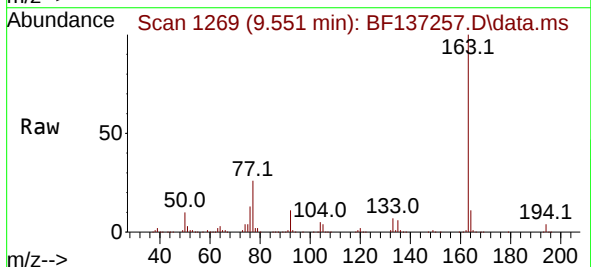
Instrument :
BNA_F
ClientSampleId :
TP-3MS

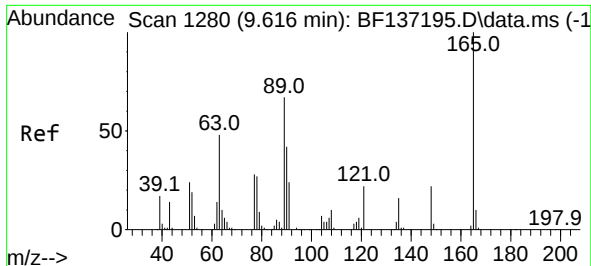
Tgt Ion:152 Resp: 477338
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.2 16.8



#50
Dimethylphthalate
Concen: 45.830 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:163 Resp: 359653
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.6 13.0

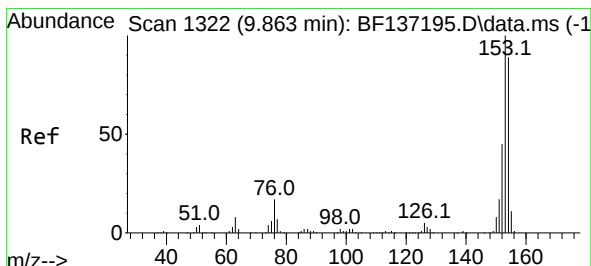
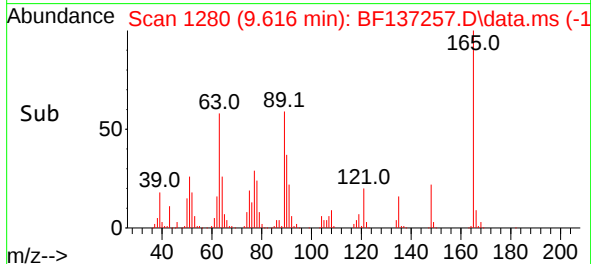
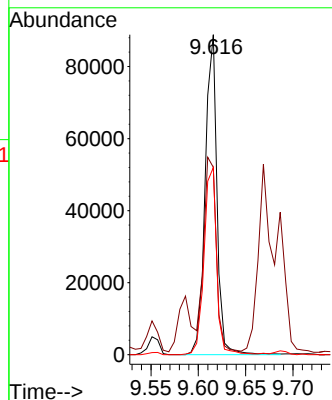
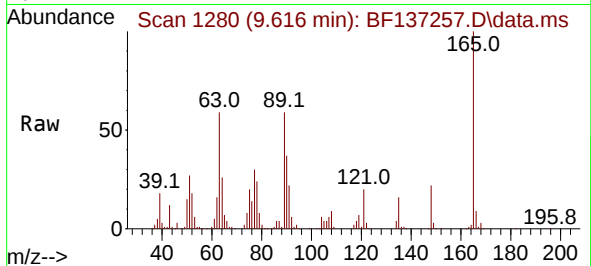




#51
2,6-Dinitrotoluene
Concen: 46.126 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

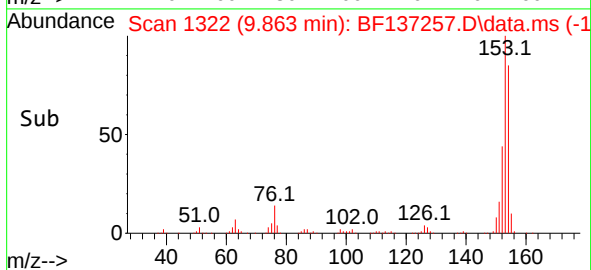
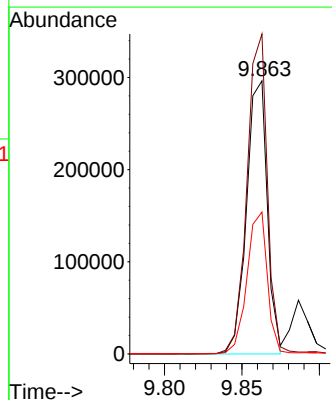
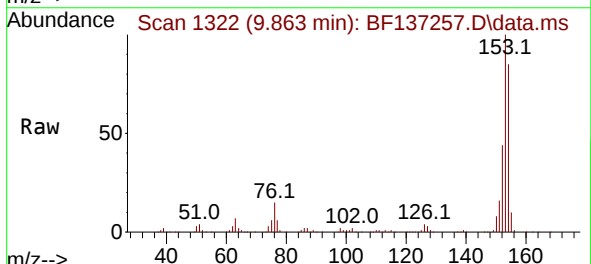
Instrument :
BNA_F
ClientSampleId :
TP-3MS

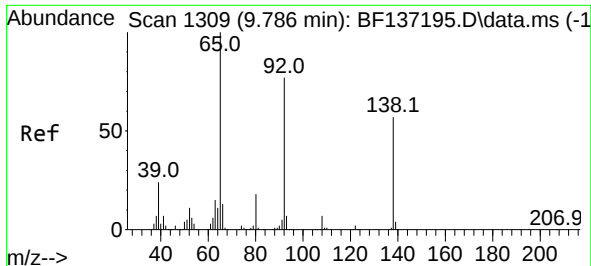
Tgt Ion:165 Resp: 77188
Ion Ratio Lower Upper
165 100
63 58.5 55.1 82.7
89 58.5 53.5 80.3



#52
Acenaphthene
Concen: 43.039 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:154 Resp: 276978
Ion Ratio Lower Upper
154 100
153 117.1 90.2 135.4
152 52.0 40.6 60.8

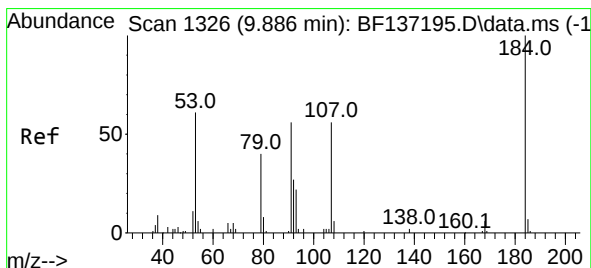
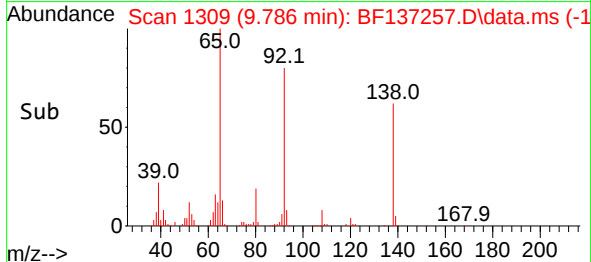
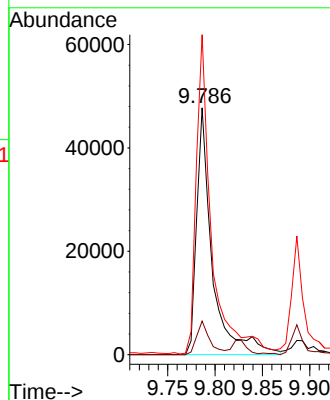
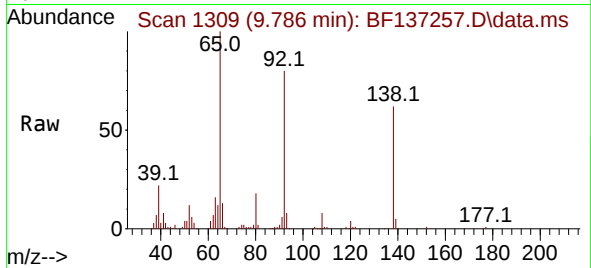




#53
3-Nitroaniline
Concen: 36.440 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

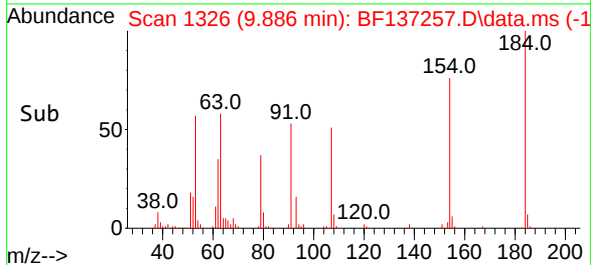
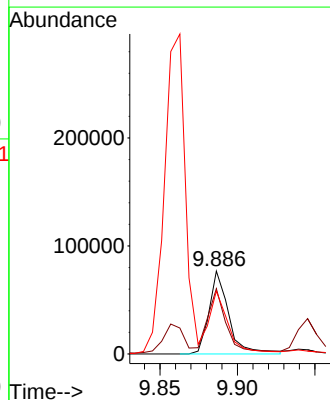
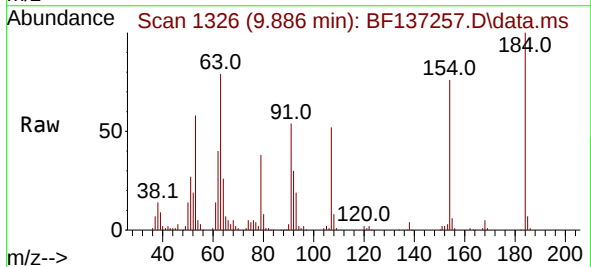
Instrument :
BNA_F
ClientSampleId :
TP-3MS

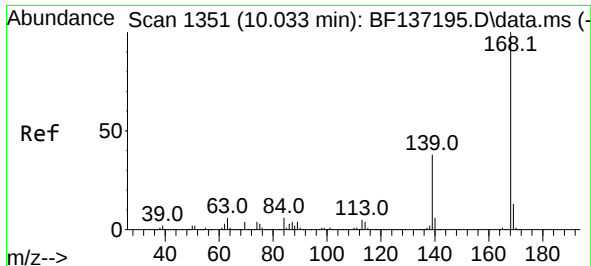
Tgt Ion:138 Resp: 54876
Ion Ratio Lower Upper
138 100
108 13.6 10.4 15.6
92 129.6 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 89.443 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:184 Resp: 67819
Ion Ratio Lower Upper
184 100
63 78.9 71.2 106.8
154 76.0 64.9 97.3

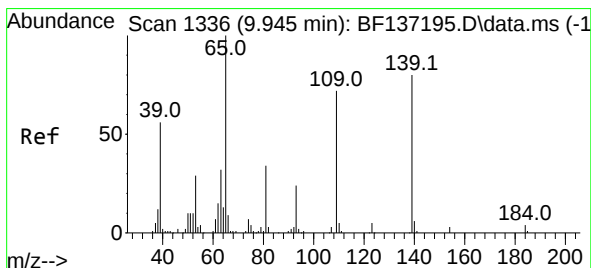
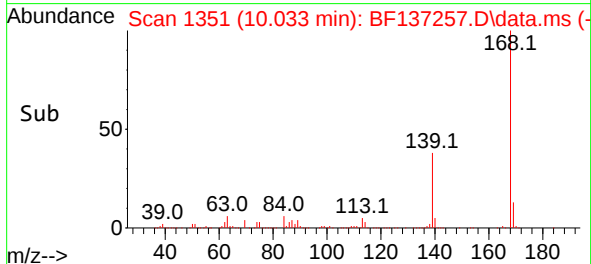
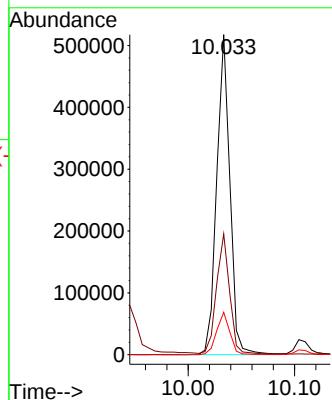
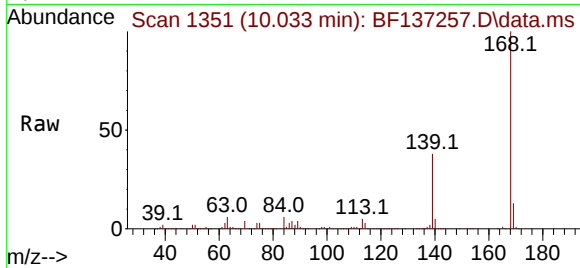




#55
Dibenzenofuran
Concen: 43.263 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

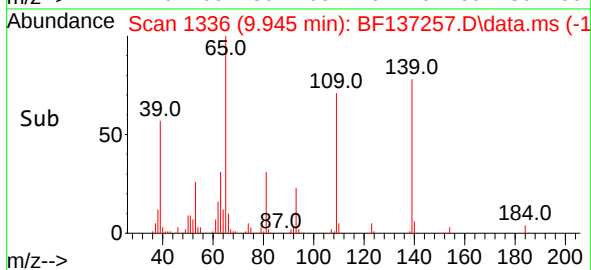
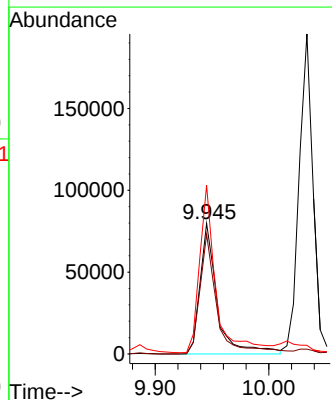
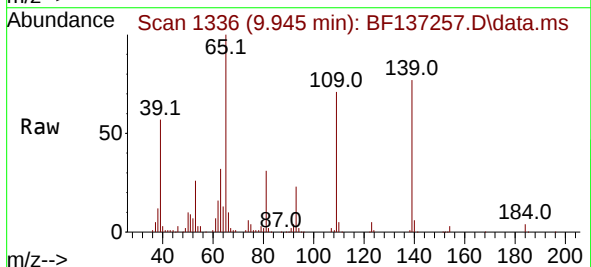
Instrument :
BNA_F
ClientSampleId :
TP-3MS

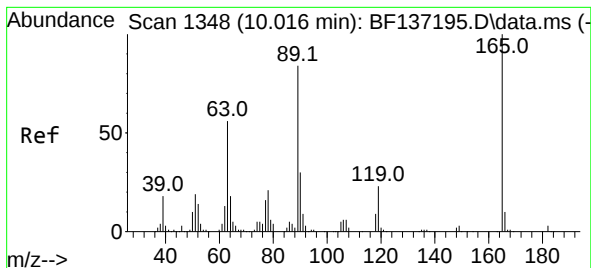
Tgt Ion:168 Resp: 442955
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 72.875 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:139 Resp: 84337
Ion Ratio Lower Upper
139 100
109 91.7 70.4 110.4
65 129.2 107.6 147.6

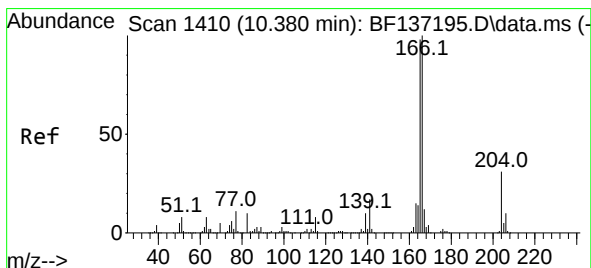
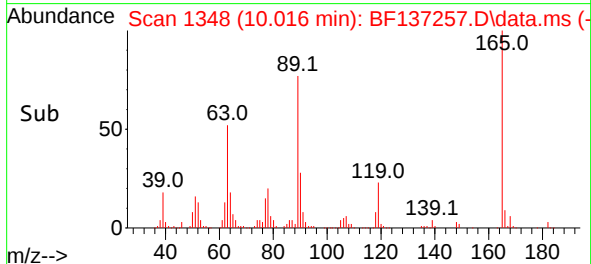
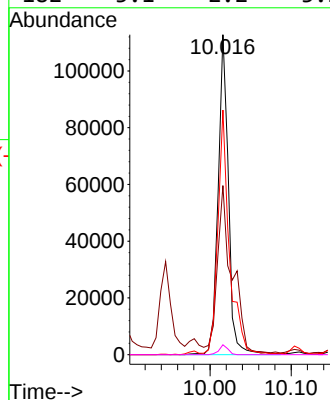
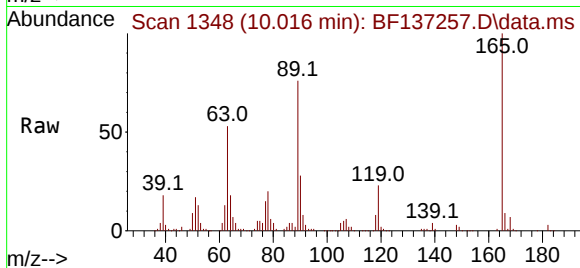




#57
2,4-Dinitrotoluene
Concen: 45.841 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

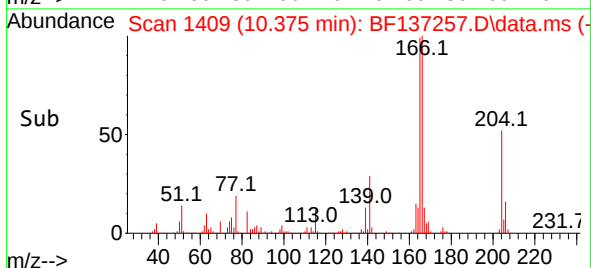
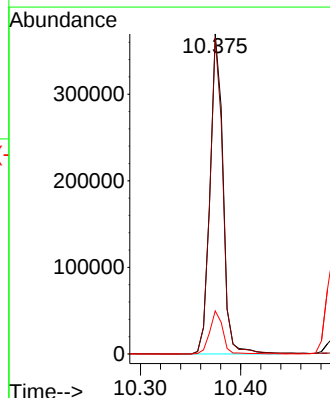
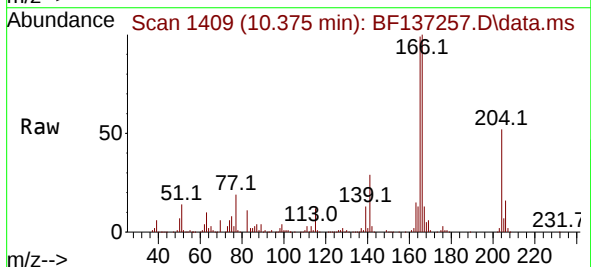
Instrument :
BNA_F
ClientSampleId :
TP-3MS

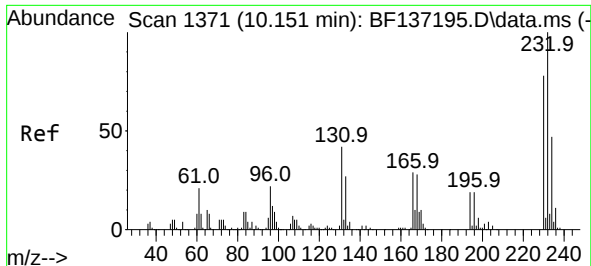
Tgt Ion:165 Resp: 99536
Ion Ratio Lower Upper
165 100
63 52.9 46.1 69.1
89 76.5 67.5 101.3
182 3.1 2.2 3.2



#58
Fluorene
Concen: 41.491 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:166 Resp: 333031
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.4 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.276 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.041 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:232 Resp: 94791

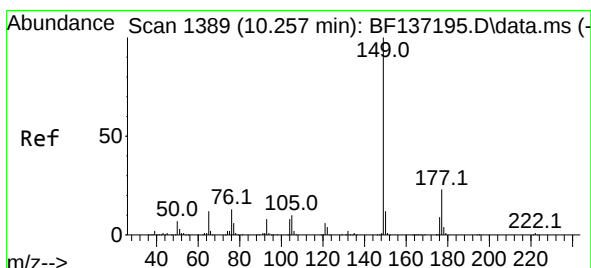
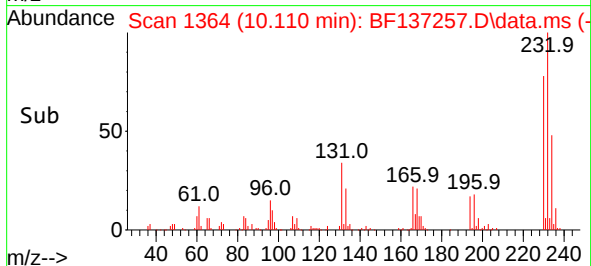
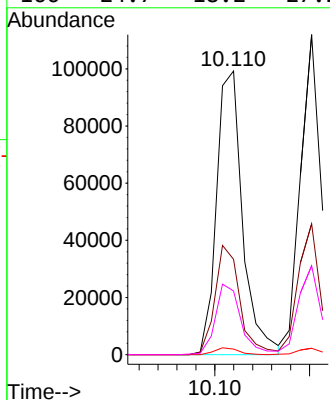
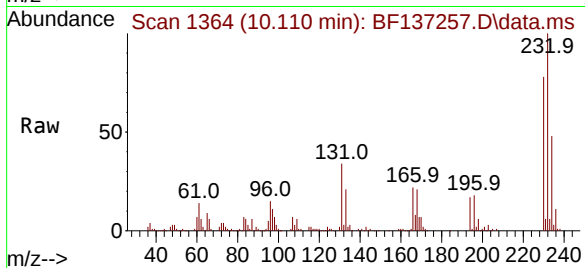
Ion Ratio Lower Upper

232 100

131 37.0 27.4 41.2

130 2.2 1.7 2.5

166 24.7 18.2 27.2



#60

Diethylphthalate

Concen: 44.150 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

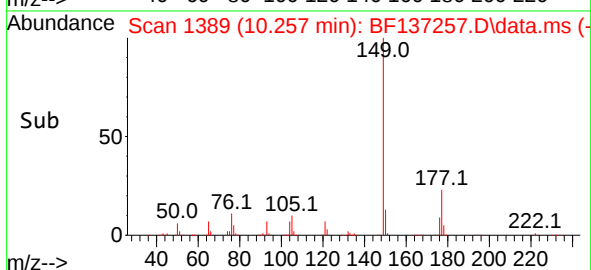
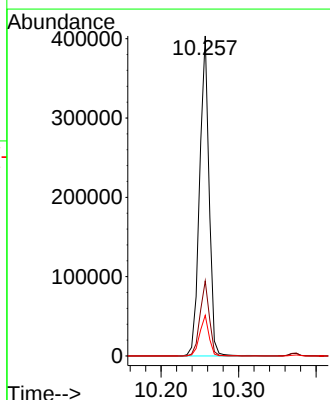
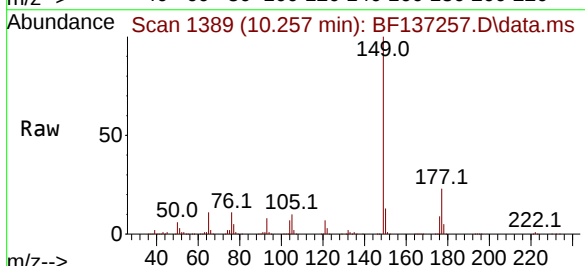
Tgt Ion:149 Resp: 341146

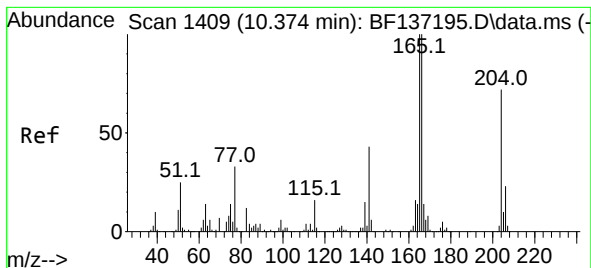
Ion Ratio Lower Upper

149 100

177 23.4 18.0 27.0

150 12.7 9.6 14.4

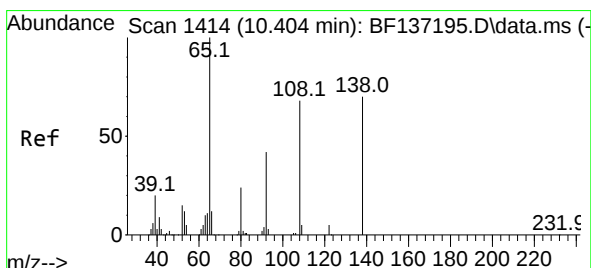
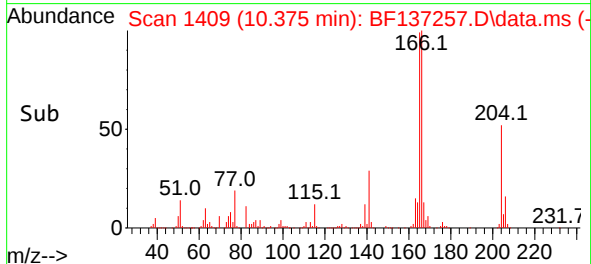
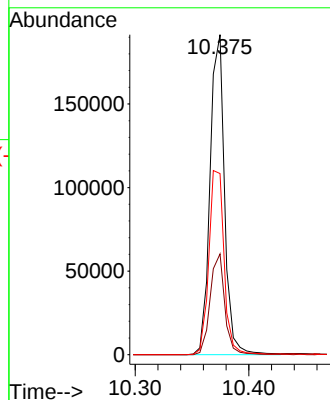
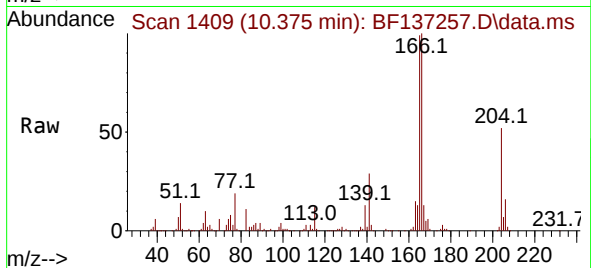




#61
4-Chlorophenyl-phenylether
Concen: 42.430 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

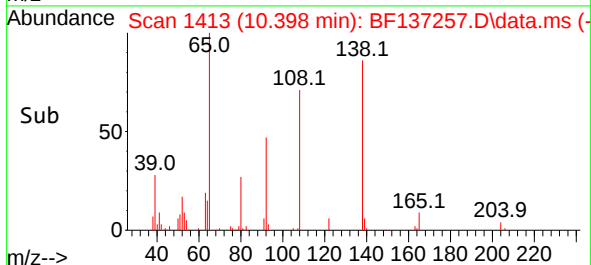
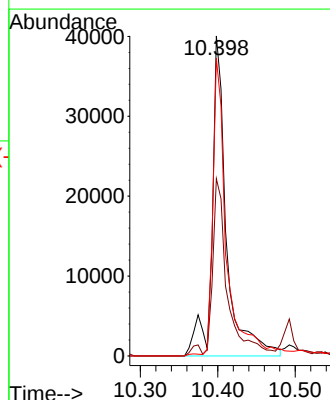
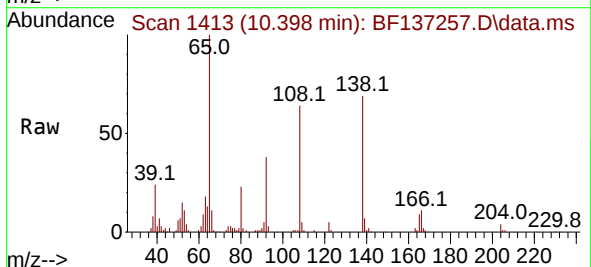
Instrument :
BNA_F
ClientSampleId :
TP-3MS

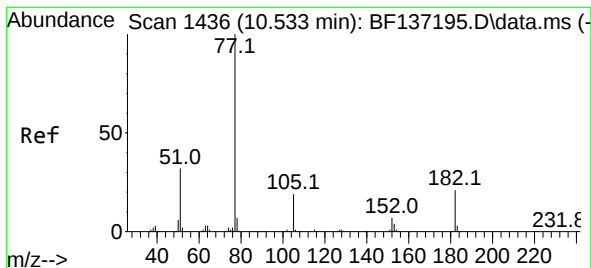
Tgt Ion:204 Resp: 169283
Ion Ratio Lower Upper
204 100
206 31.5 25.5 38.3
141 56.6 48.3 72.5



#62
4-Nitroaniline
Concen: 36.424 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:138 Resp: 52504
Ion Ratio Lower Upper
138 100
92 55.4 39.3 79.3
108 93.1 75.3 115.3





#63

Azobenzene

Concen: 40.499 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 77 Resp: 346573

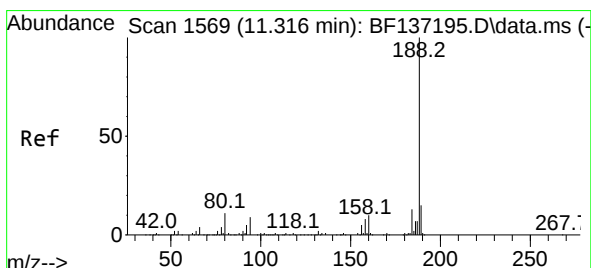
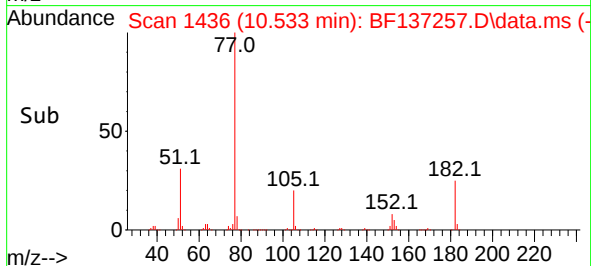
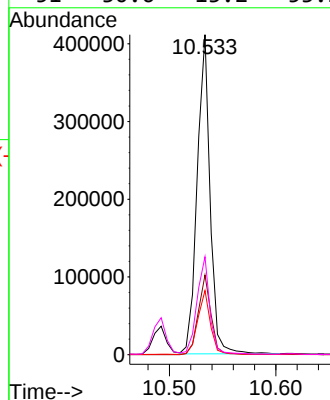
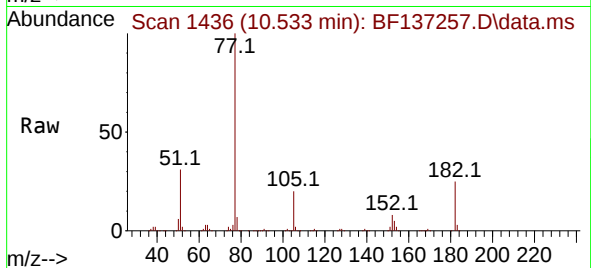
Ion Ratio Lower Upper

77 100

182 24.9 1.1 41.1

105 20.1 0.0 38.9

51 30.6 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: BF137257.D

Acq: 02 Feb 2024 16:17

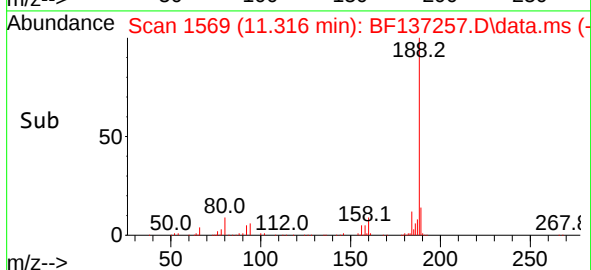
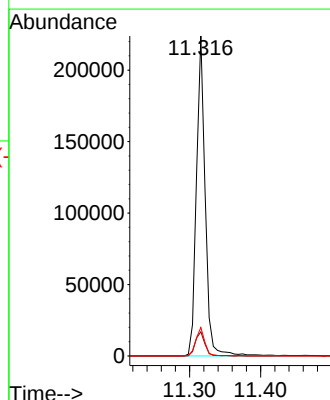
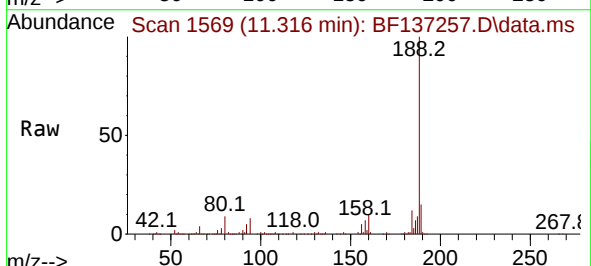
Tgt Ion: 188 Resp: 193497

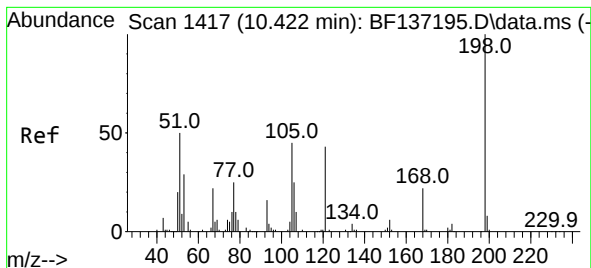
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.9 8.8 13.2

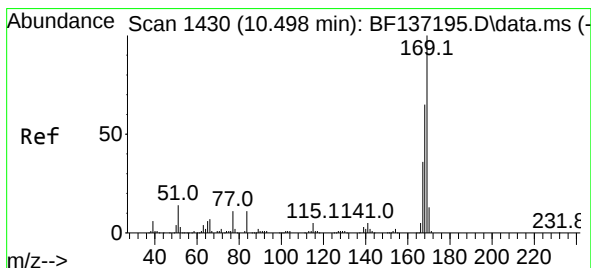
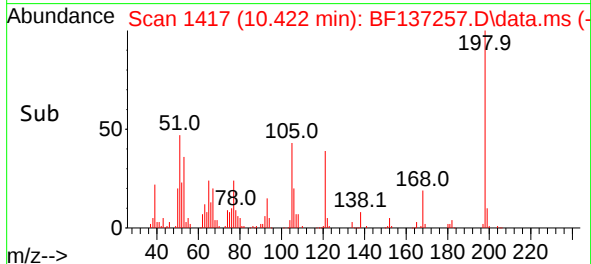
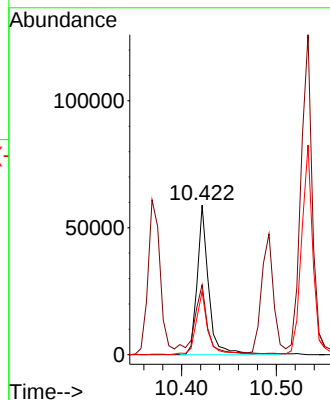
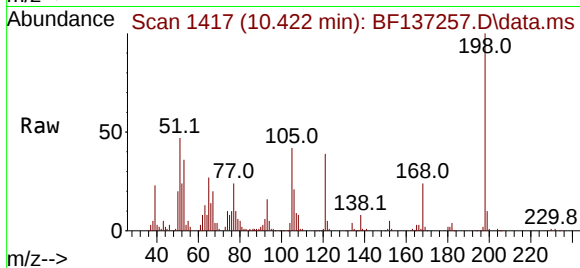




#65
4,6-Dinitro-2-methylphenol
Concen: 48.348 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

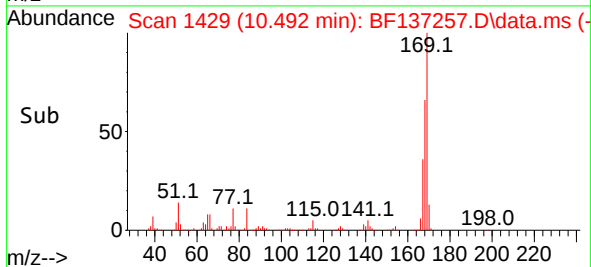
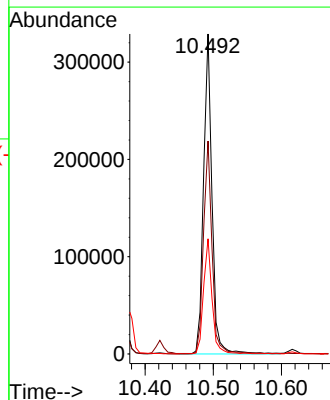
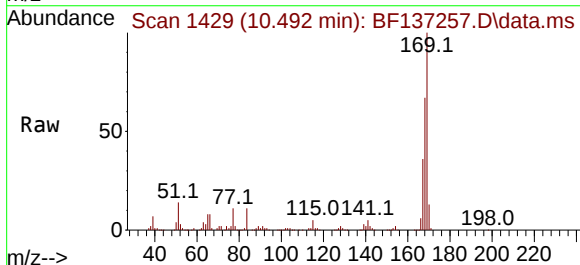
Instrument :
BNA_F
ClientSampleId :
TP-3MS

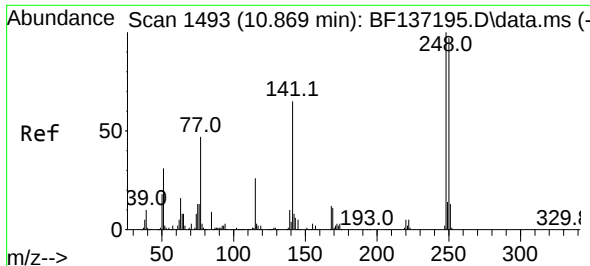
Tgt Ion:198 Resp: 49602
Ion Ratio Lower Upper
198 100
51 46.8 40.9 80.9
105 42.3 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.375 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:169 Resp: 284611
Ion Ratio Lower Upper
169 100
168 66.6 51.9 77.9
167 36.0 29.0 43.6

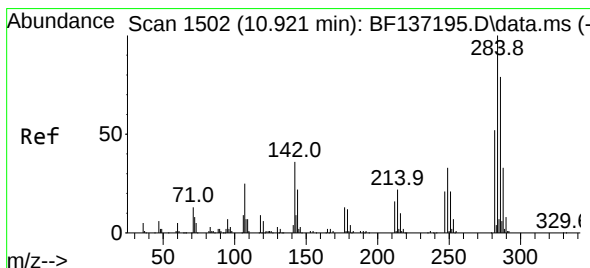
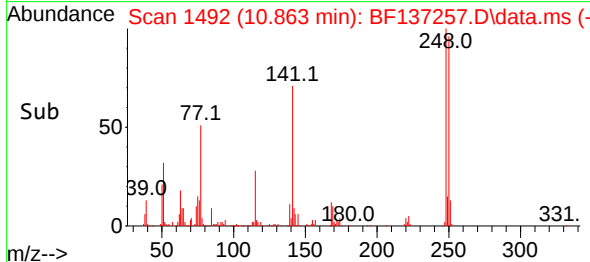
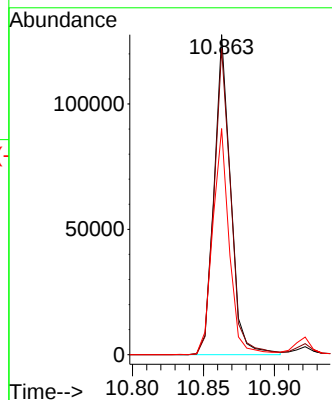
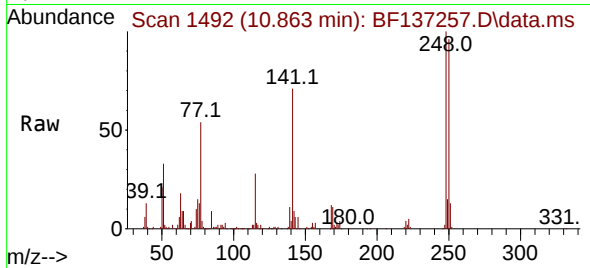




#67
4-Bromophenyl-phenylether
Concen: 48.598 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

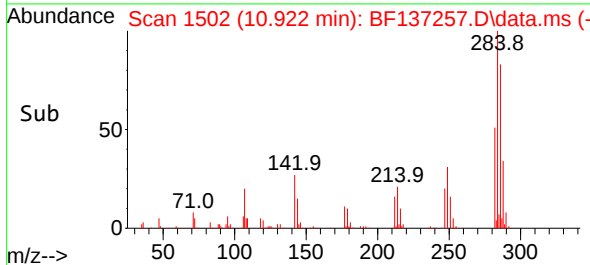
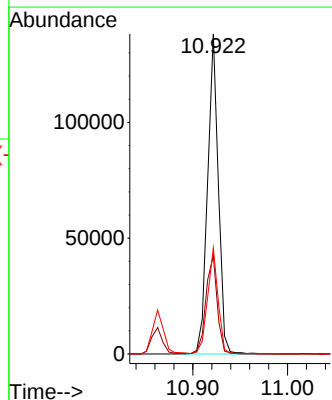
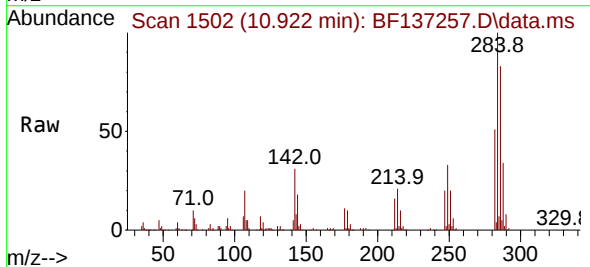
Instrument :
BNA_F
ClientSampleId :
TP-3MS

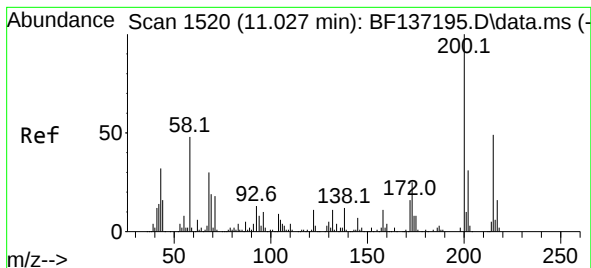
Tgt Ion:248 Resp: 103400
Ion Ratio Lower Upper
248 100
250 95.6 77.7 116.5
141 70.7 51.6 77.4



#68
Hexachlorobenzene
Concen: 45.760 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:284 Resp: 108750
Ion Ratio Lower Upper
284 100
142 30.7 28.7 43.1
249 33.2 27.0 40.4





#69

Atrazine

Concen: 46.752 ng

RT: 11.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

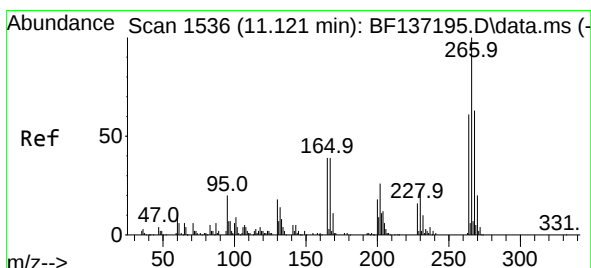
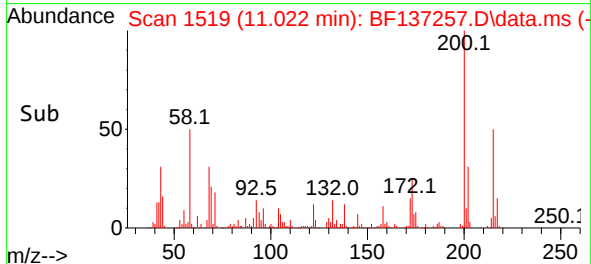
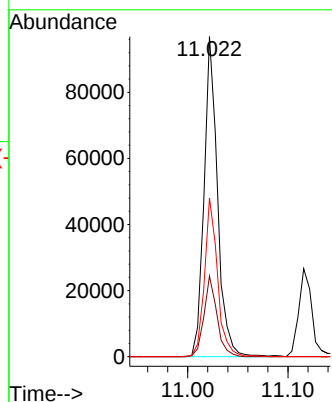
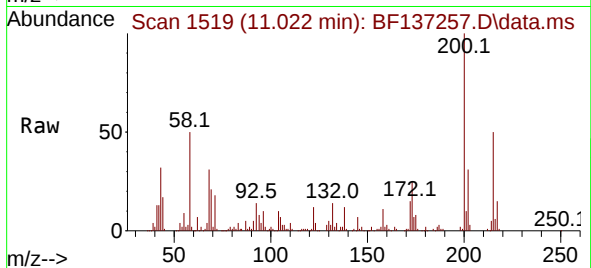
Tgt Ion:200 Resp: 90803

Ion Ratio Lower Upper

200 100

173 25.2 5.3 45.3

215 49.6 29.4 69.4



#70

Pentachlorophenol

Concen: 91.722 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.005 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

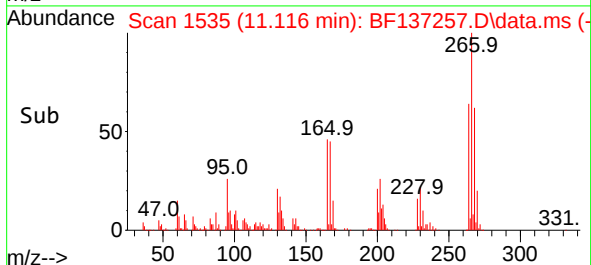
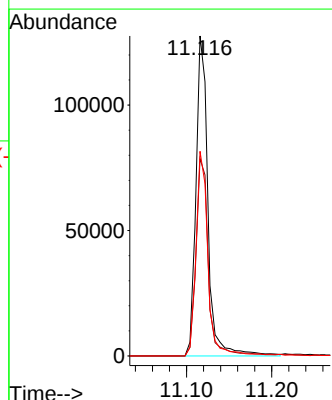
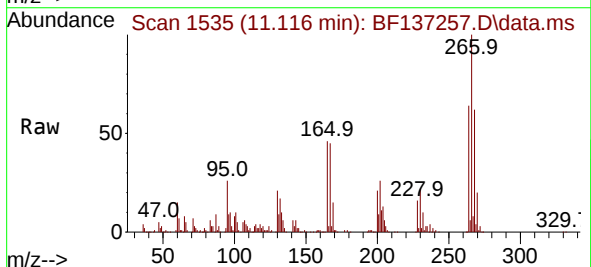
Tgt Ion:266 Resp: 124956

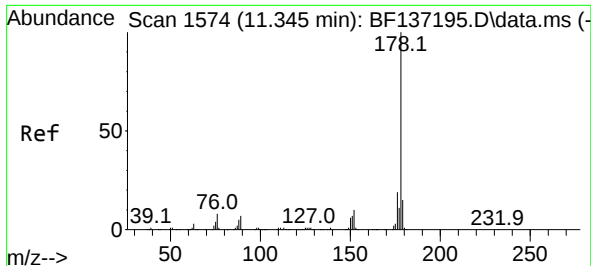
Ion Ratio Lower Upper

266 100

268 61.7 50.6 76.0

264 64.0 48.8 73.2

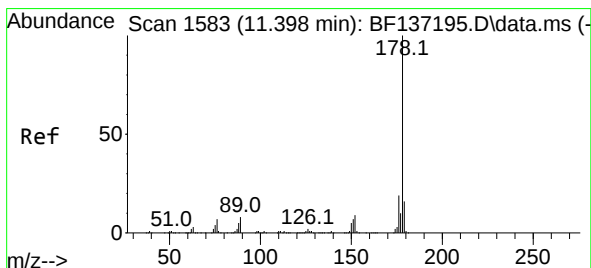
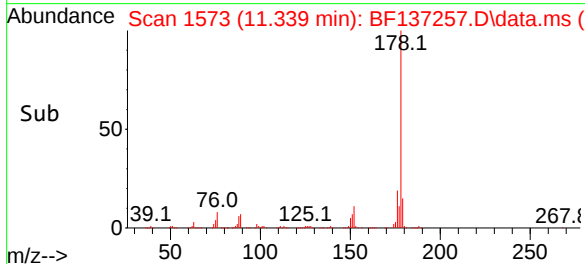
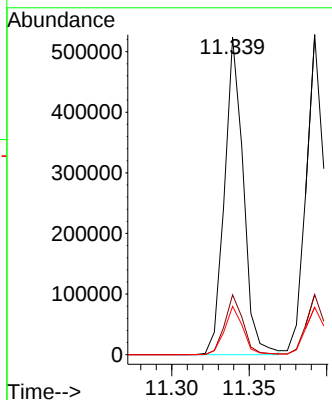
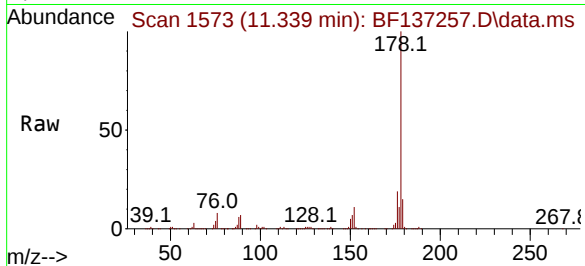




#71
Phenanthrene
Concen: 43.666 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

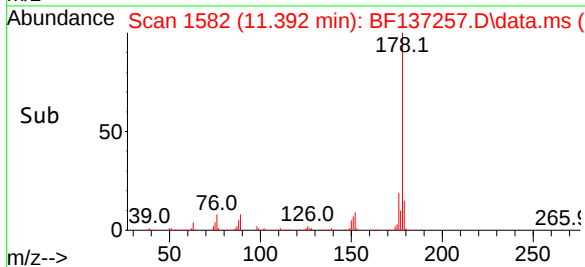
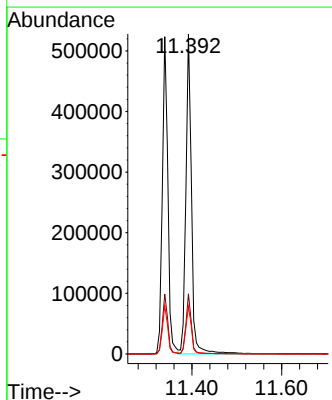
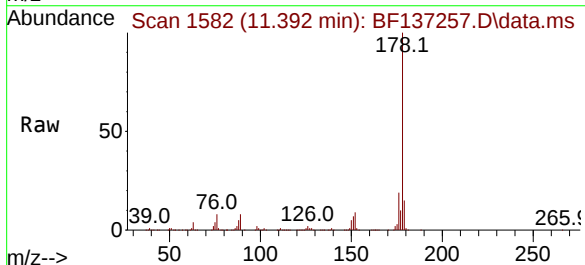
Instrument :
BNA_F
ClientSampleId :
TP-3MS

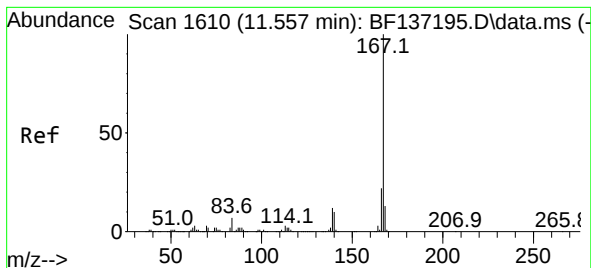
Tgt Ion:178 Resp: 442326
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 12.1 18.1



#72
Anthracene
Concen: 43.288 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:178 Resp: 457046
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.8 12.7 19.1





#73

Carbazole

Concen: 40.916 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

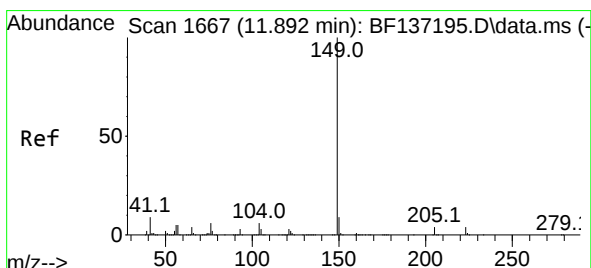
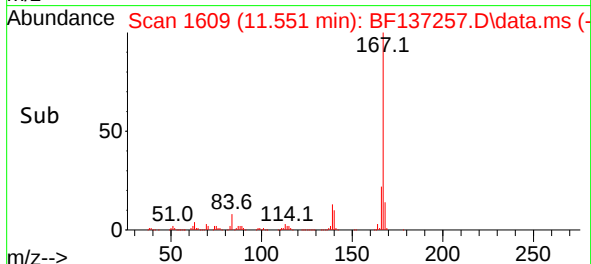
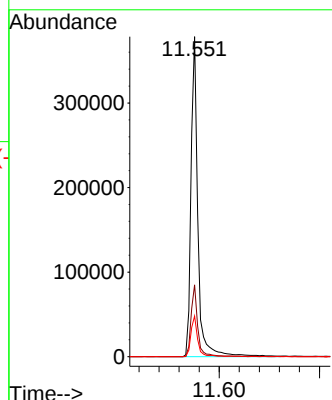
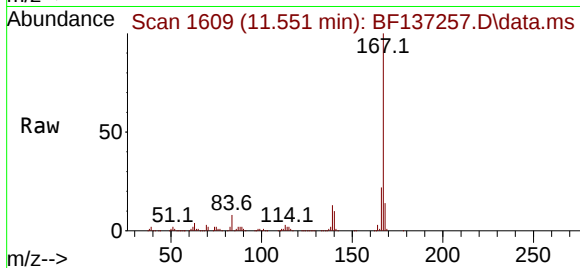
Tgt Ion:167 Resp: 361039

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 12.7 9.7 14.5



#74

Di-n-butylphthalate

Concen: 49.072 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

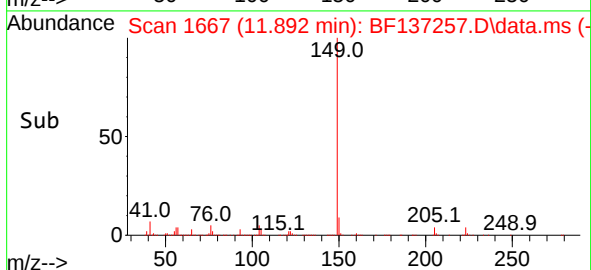
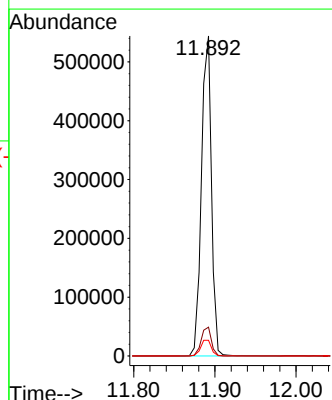
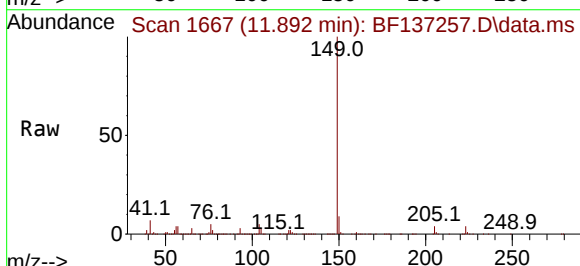
Tgt Ion:149 Resp: 468065

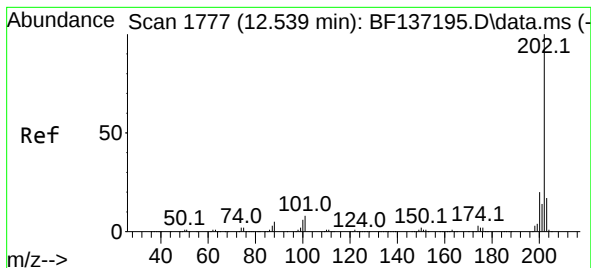
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.9 4.5 6.7





#75

Fluoranthene

Concen: 41.057 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

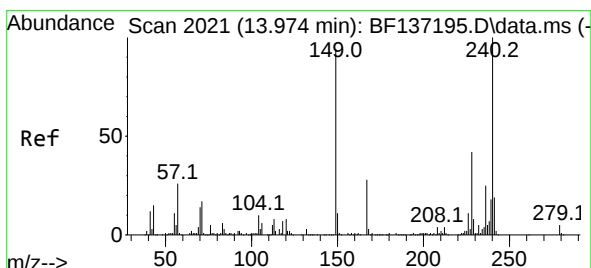
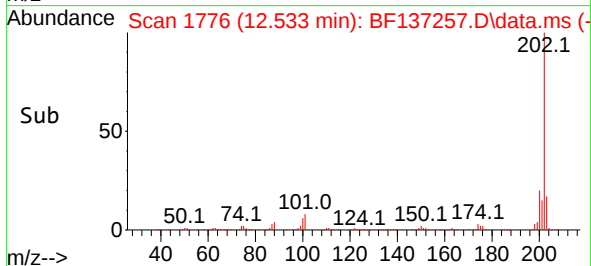
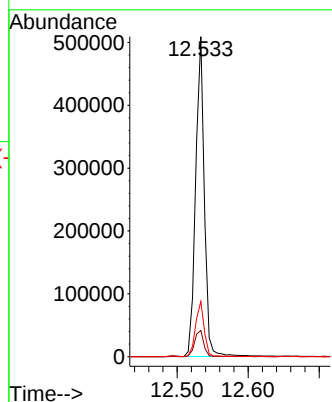
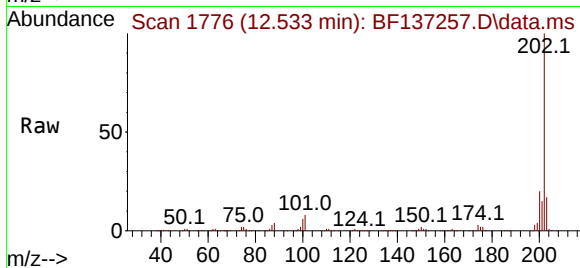
Tgt Ion:202 Resp: 435202

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.4

203 17.3 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: BF137257.D

Acq: 02 Feb 2024 16:17

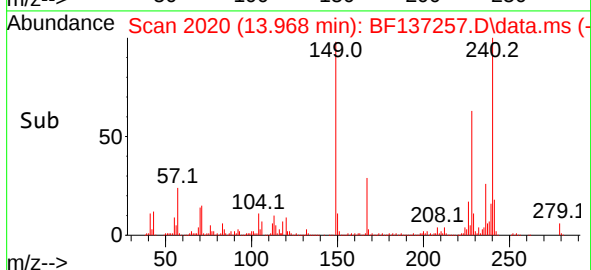
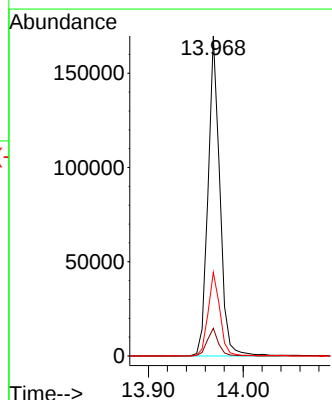
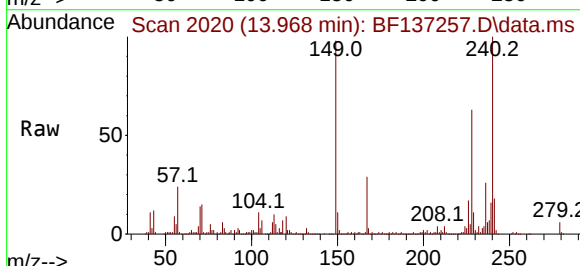
Tgt Ion:240 Resp: 146475

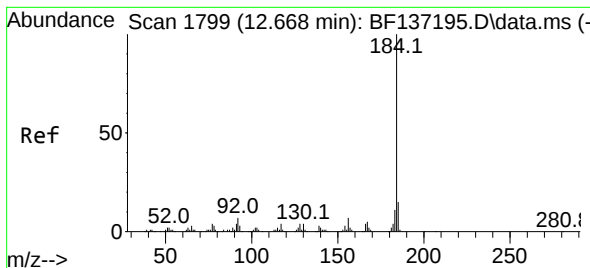
Ion Ratio Lower Upper

240 100

120 8.7 6.3 9.5

236 26.2 20.3 30.5





#77

Benzidine

Concen: 4.603 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.018 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

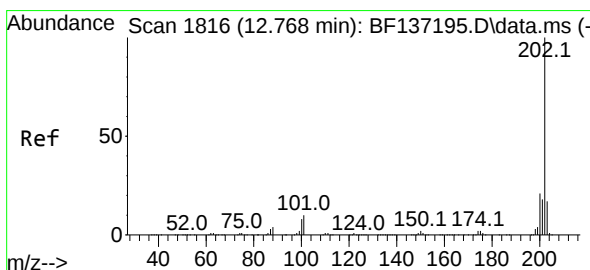
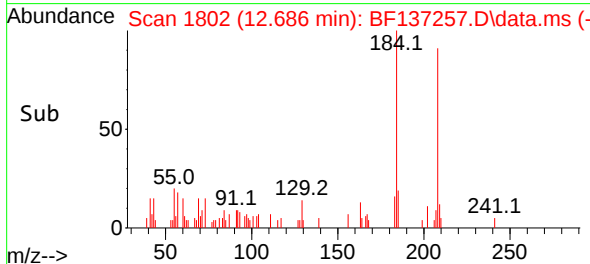
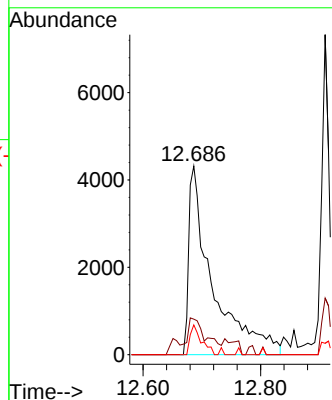
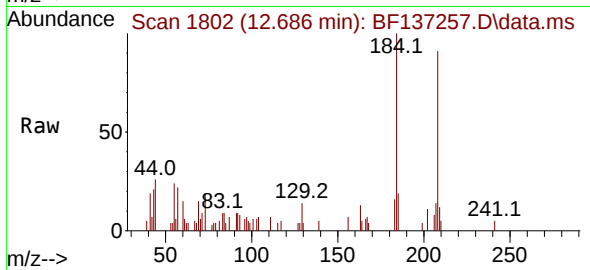
Tgt Ion:184 Resp: 12074

Ion Ratio Lower Upper

184 100

185 18.8 11.9 17.9#

183 15.8 8.8 13.2#



#78

Pyrene

Concen: 31.818 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

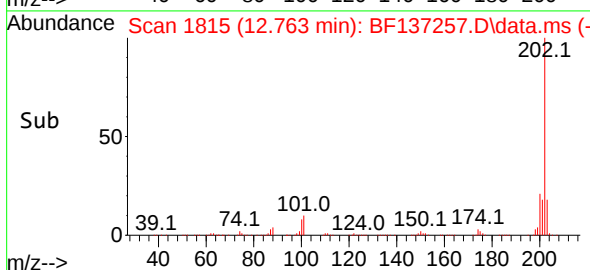
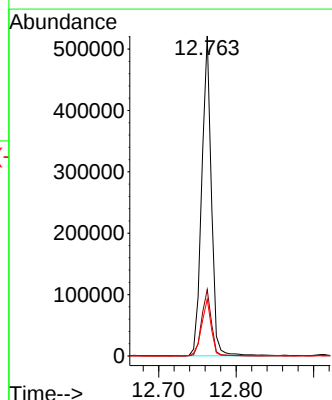
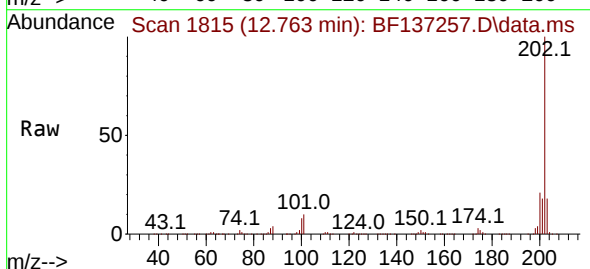
Tgt Ion:202 Resp: 447877

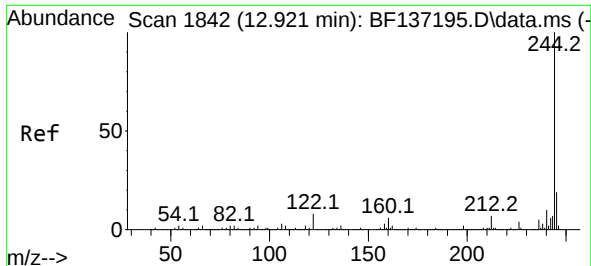
Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

203 17.7 13.8 20.6

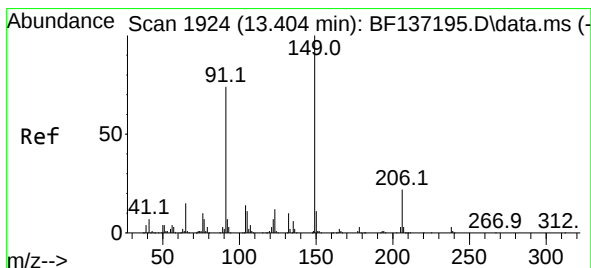
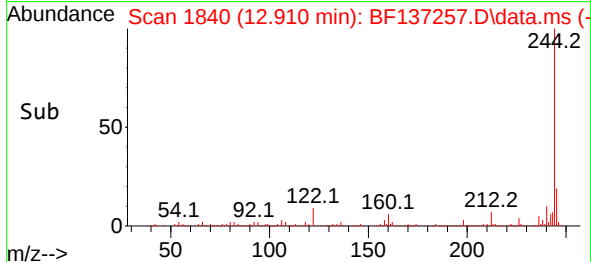
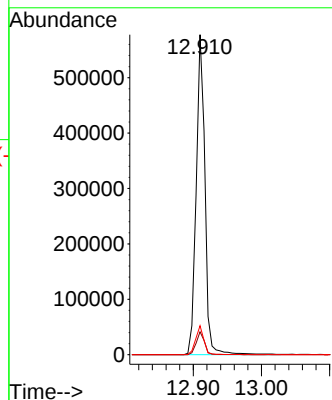
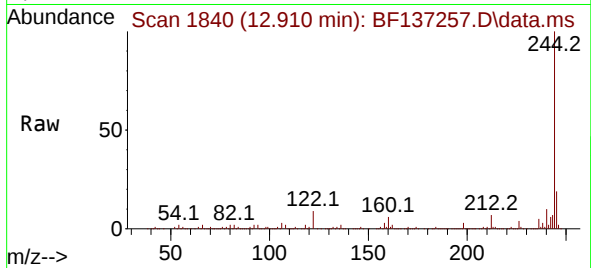




#79
 Terphenyl-d14
 Concen: 47.614 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

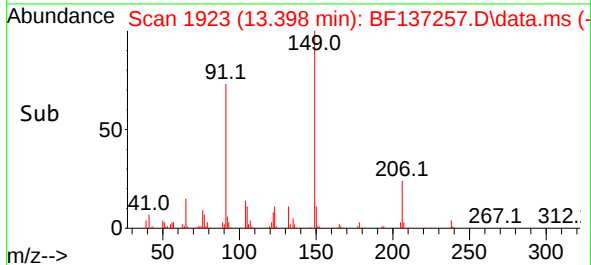
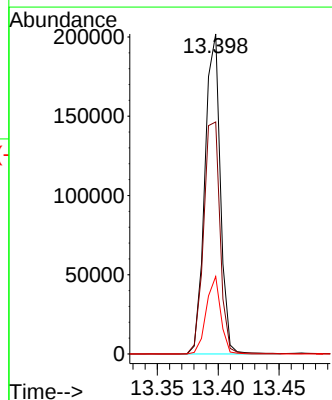
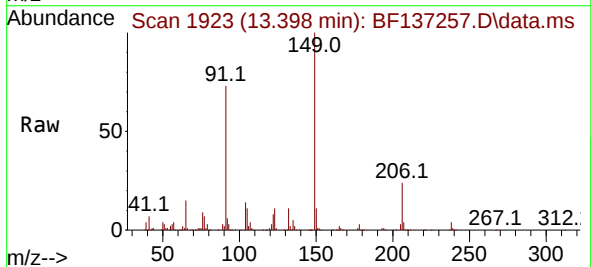
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

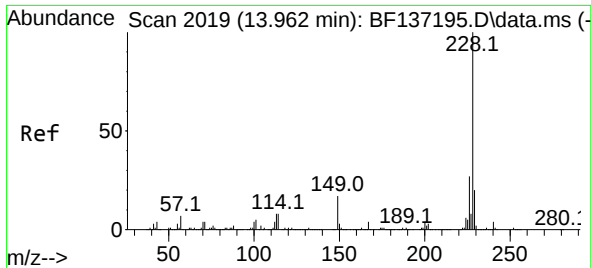
Tgt Ion:244 Resp: 513019
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.0 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 49.521 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137257.D
 Acq: 02 Feb 2024 16:17

Tgt Ion:149 Resp: 178319
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.8 88.2
 206 24.2 17.7 26.5

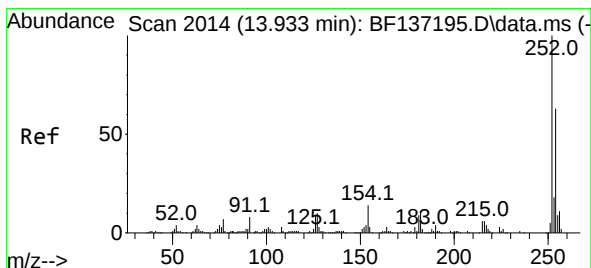
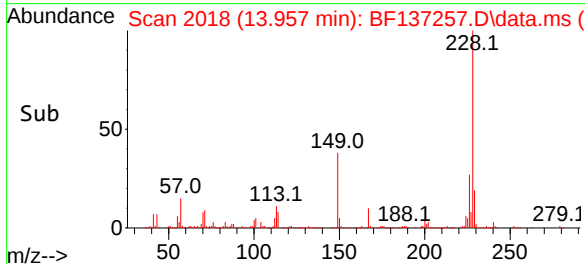
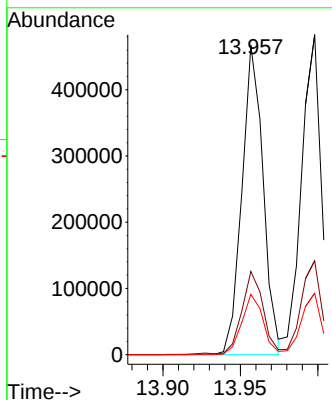
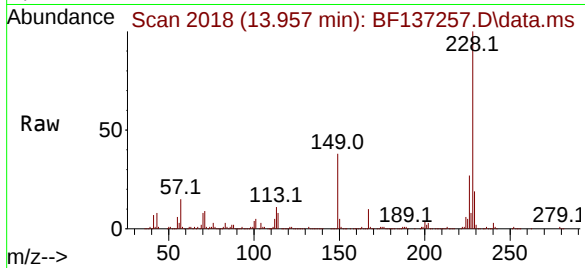




#81
Benzo(a)anthracene
Concen: 42.849 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

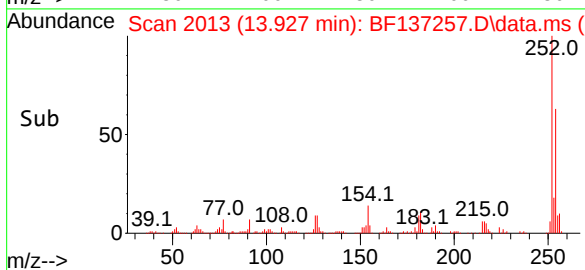
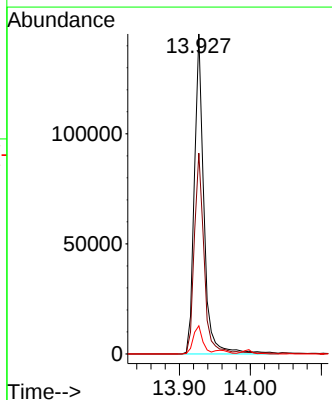
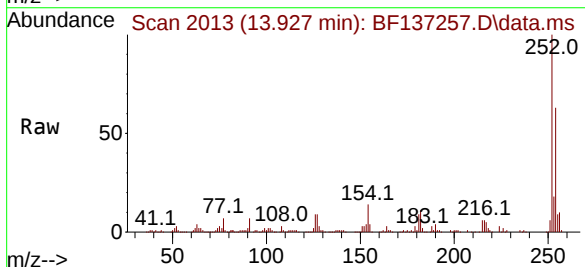
Instrument :
BNA_F
ClientSampleId :
TP-3MS

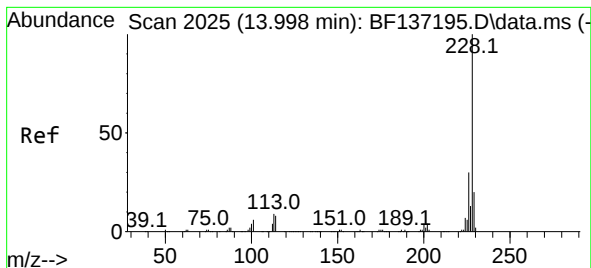
Tgt Ion:228 Resp: 444492
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 48.373 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:252 Resp: 136714
Ion Ratio Lower Upper
252 100
254 62.8 50.2 75.2
126 8.8 7.0 10.6





#83

Chrysene

Concen: 44.254 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3MS

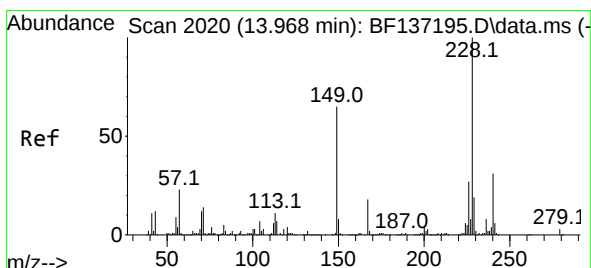
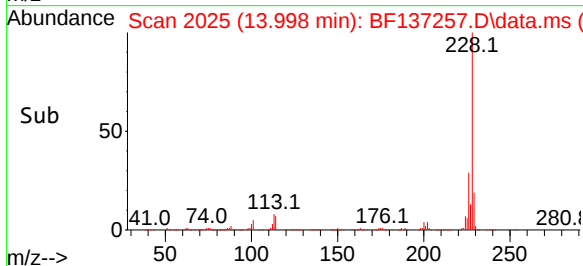
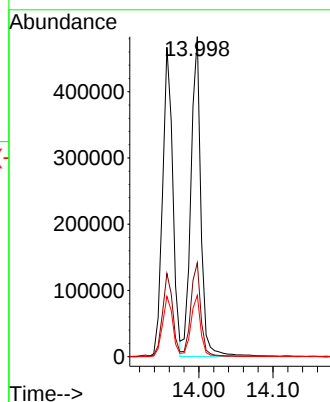
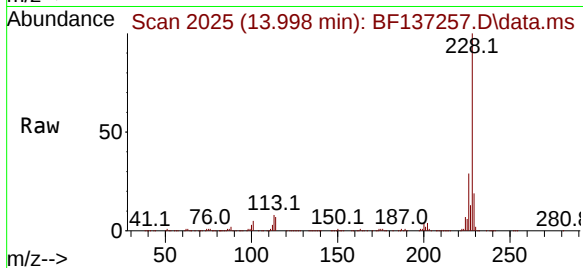
Tgt Ion:228 Resp: 451322

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.353 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137257.D

Acq: 02 Feb 2024 16:17

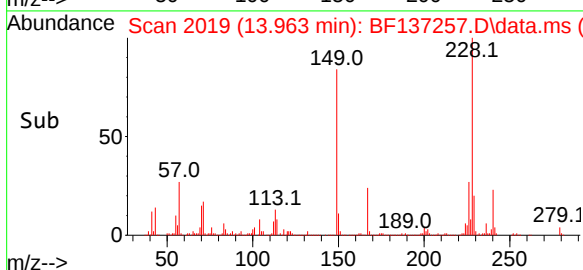
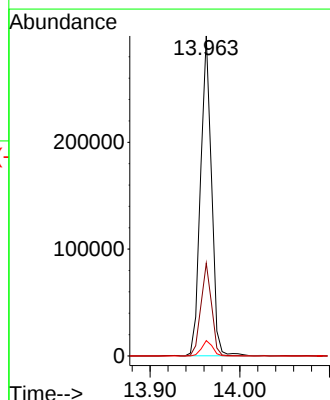
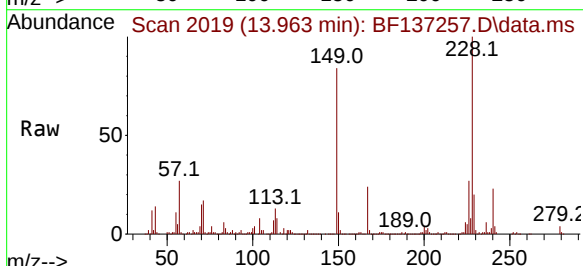
Tgt Ion:149 Resp: 252837

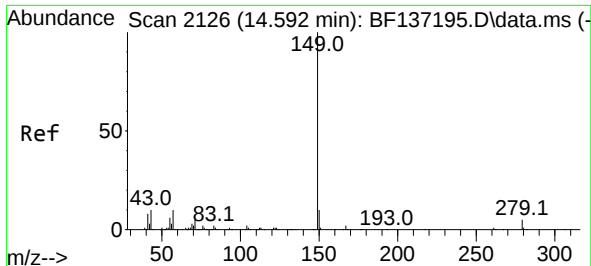
Ion Ratio Lower Upper

149 100

167 29.0 21.7 32.5

279 4.8 3.4 5.0

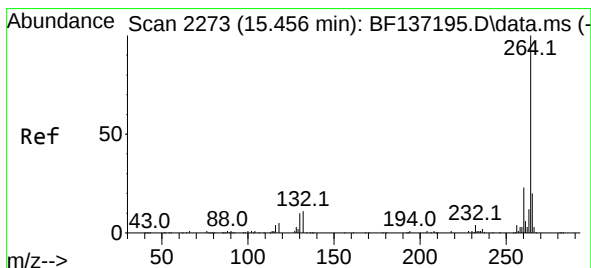
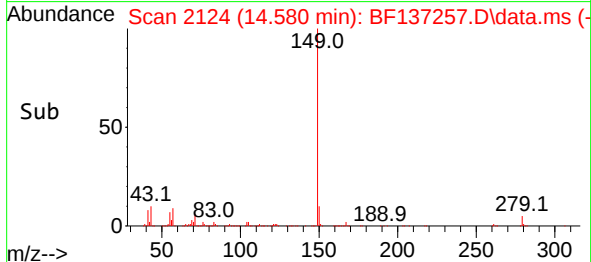
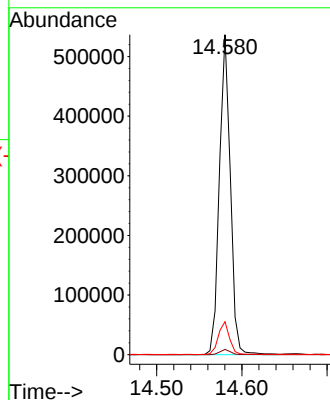
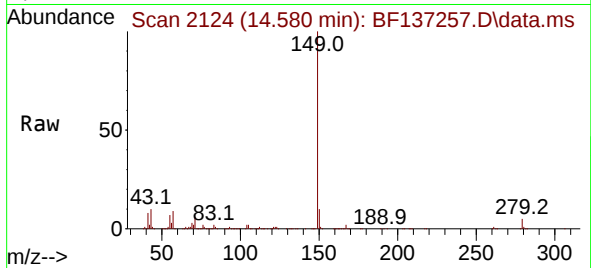




#85
Di-n-octyl phthalate
Concen: 72.051 ng
RT: 14.580 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

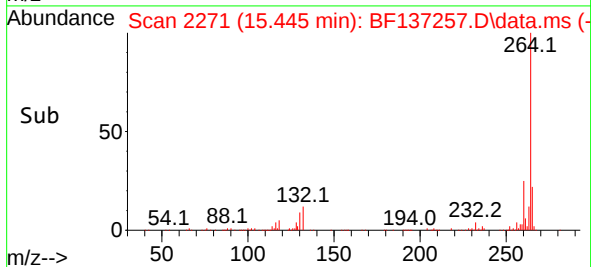
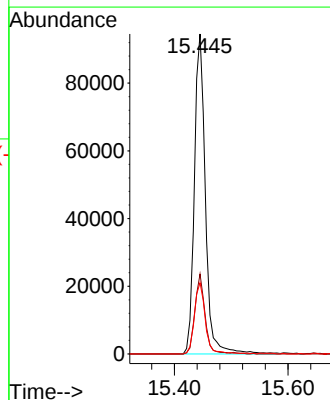
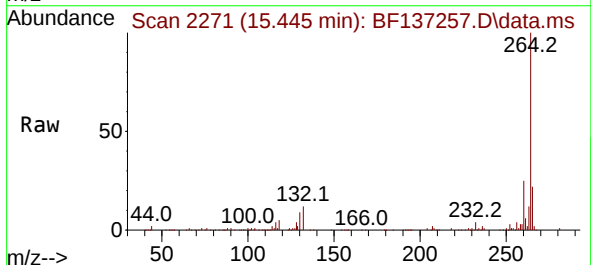
Instrument :
BNA_F
ClientSampleId :
TP-3MS

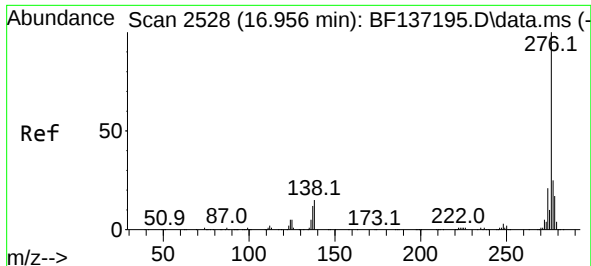
Tgt Ion:149 Resp: 479945
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:264 Resp: 128089
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.4
265 22.2 16.2 24.2

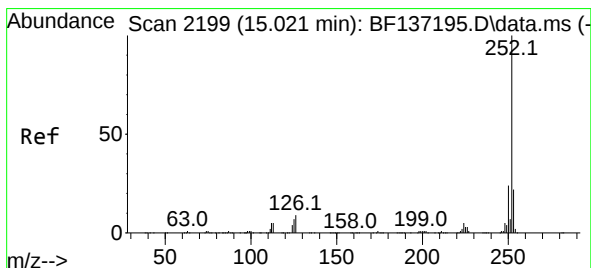
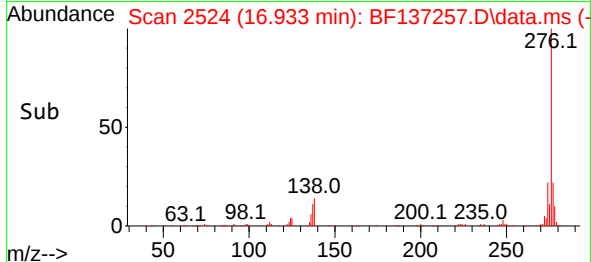
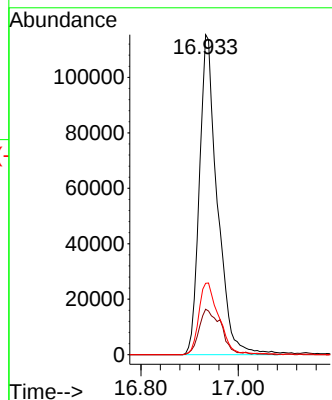
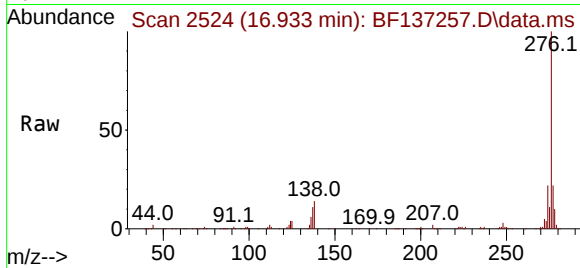




#87
Indeno(1,2,3-cd)pyrene
Concen: 32.806 ng
RT: 16.933 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

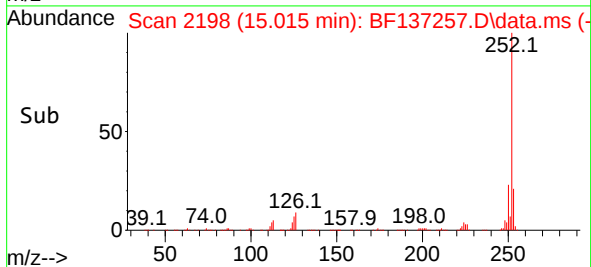
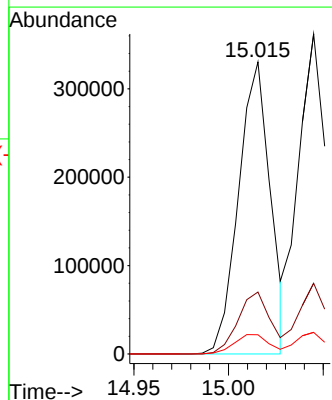
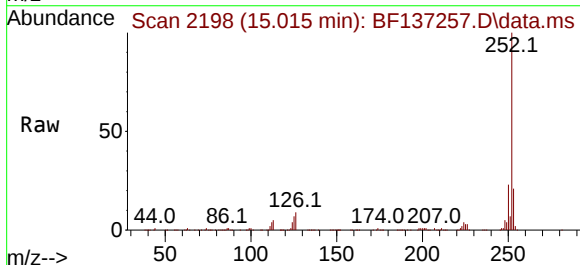
Instrument :
BNA_F
ClientSampleId :
TP-3MS

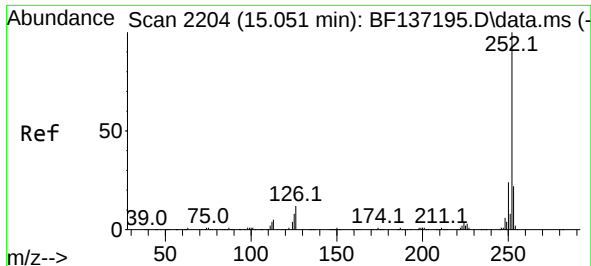
Tgt Ion:276 Resp: 295223
Ion Ratio Lower Upper
276 100
138 17.7 14.6 21.8
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.838 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:252 Resp: 384710
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 6.6 5.4 8.2

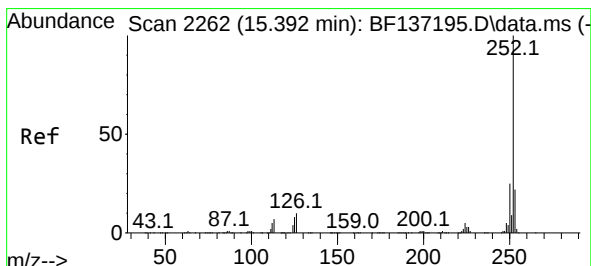
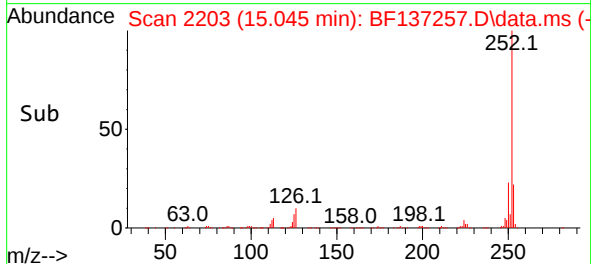
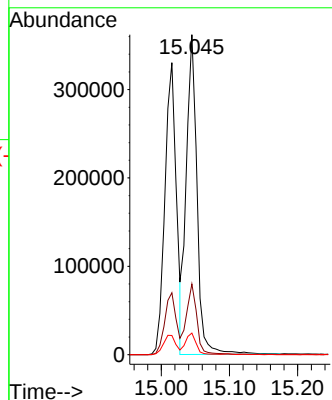
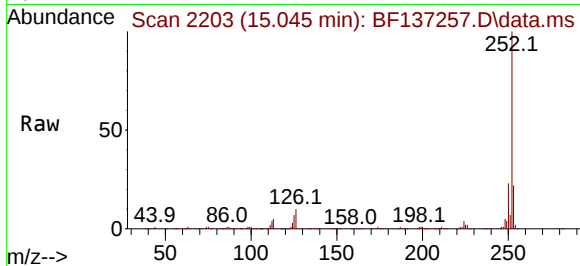




#89
Benzo(k)fluoranthene
Concen: 47.217 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

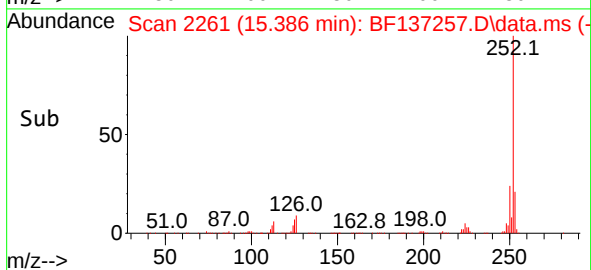
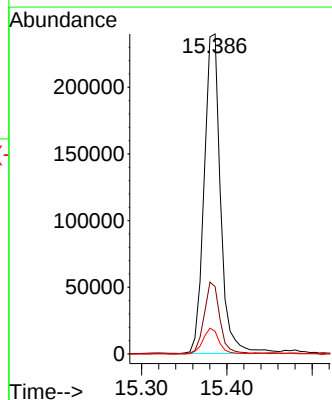
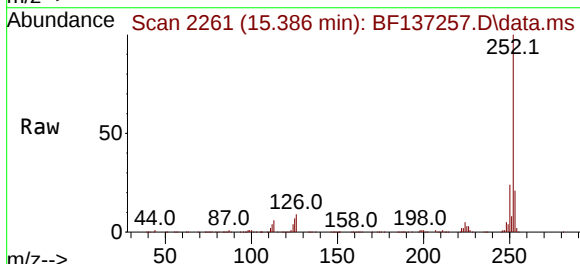
Instrument :
BNA_F
ClientSampleId :
TP-3MS

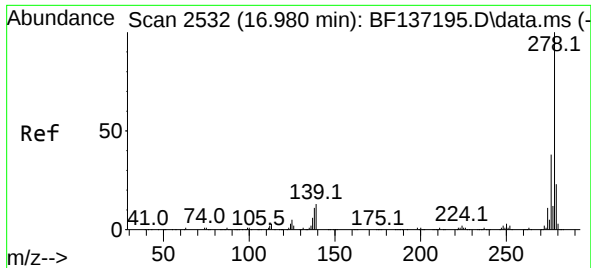
Tgt Ion:252 Resp: 393478
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 6.7 5.9 8.9



#90
Benzo(a)pyrene
Concen: 43.266 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:252 Resp: 320733
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 7.1 6.5 9.7

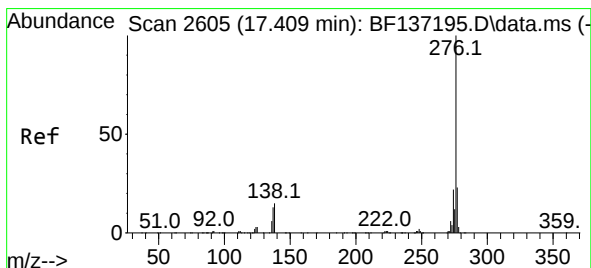
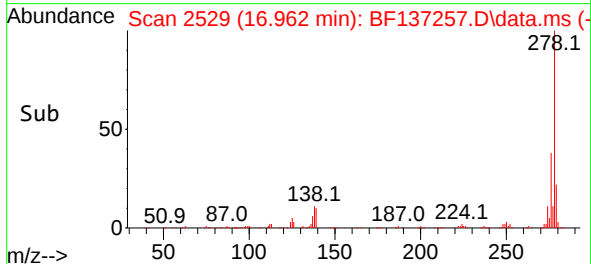
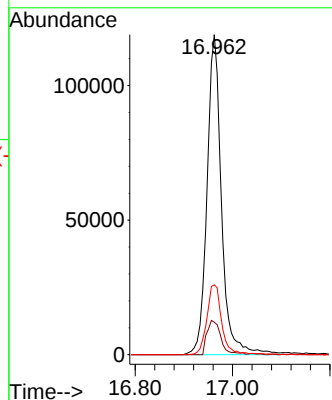
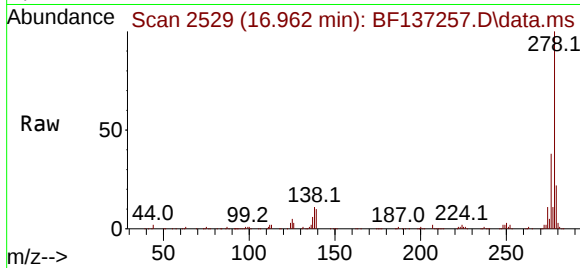




#91
Dibenzo(a,h)anthracene
Concen: 33.927 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:278 Resp: 244635
Ion Ratio Lower Upper
278 100
139 10.2 10.0 15.0
279 21.9 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 31.528 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF137257.D
Acq: 02 Feb 2024 16:17

Tgt Ion:276 Resp: 223126
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 15.1 11.8 17.8

