

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139906.D
 Acq On : 21 Oct 2024 16:42
 Operator : RC/JU
 Sample : P4410-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MS

Quant Time: Oct 21 17:09:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	224528	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	790392	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	369108	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	591109	20.000	ng	0.00
76) Chrysene-d12	14.051	240	427241	20.000	ng	0.00
86) Perylene-d12	15.533	264	354492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	200100	13.952	ng	0.00
7) Phenol-d6	6.498	99	248534	13.380	ng	-0.01
23) Nitrobenzene-d5	7.445	82	143168	10.039	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	46430	13.448	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	265161	11.873	ng	0.00
79) Terphenyl-d14	12.992	244	258665	9.865	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	37585	5.621	ng	95
3) Pyridine	3.440	79	93358	5.632	ng	99
4) n-Nitrosodimethylamine	3.363	42	50552	5.677	ng	# 98
6) Aniline	6.545	93	66655	3.850	ng	98
8) 2-Chlorophenol	6.669	128	92109	6.282	ng	99
9) Benzaldehyde	6.434	77	23274	2.227	ng	98
10) Phenol	6.510	94	121780	6.359	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	92710	6.263	ng	100
12) 1,3-Dichlorobenzene	6.828	146	107876	6.409	ng	98
13) 1,4-Dichlorobenzene	6.910	146	109880	6.535	ng	96
14) 1,2-Dichlorobenzene	7.057	146	101492	6.467	ng	98
15) Benzyl Alcohol	7.022	79	81685	5.995	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149470	5.922	ng	98
17) 2-Methylphenol	7.128	107	76373	6.109	ng	97
18) Hexachloroethane	7.404	117	35320	5.890	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	68144	6.049	ng	100
20) 3+4-Methylphenols	7.281	107	97812	6.116	ng	94
22) Acetophenone	7.293	105	131231	6.779	ng	96
24) Nitrobenzene	7.463	77	95073	6.081	ng	98
25) Isophorone	7.704	82	170380	6.295	ng	99
26) 2-Nitrophenol	7.781	139	38577	6.540	ng	97
27) 2,4-Dimethylphenol	7.810	122	72550	7.376	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	102529	6.252	ng	99
29) 2,4-Dichlorophenol	8.016	162	70137	6.261	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	77363	6.241	ng	99
31) Naphthalene	8.192	128	272531	6.686	ng	99
32) Benzoic acid	7.863	122	45434	5.296	ng	97
33) 4-Chloroaniline	8.234	127	51379	3.696	ng	97
34) Hexachlorobutadiene	8.310	225	49724	6.384	ng	97
35) Caprolactam	8.563	113	20461	5.744	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	68607	5.531	ng	98
37) 2-Methylnaphthalene	8.881	142	162960	6.527	ng	99
38) 1-Methylnaphthalene	8.981	142	151135	6.170	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	74266	7.458	ng	99
41) Hexachlorocyclopentadiene	9.034	237	10887	3.142	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	49167	6.974	ng	99

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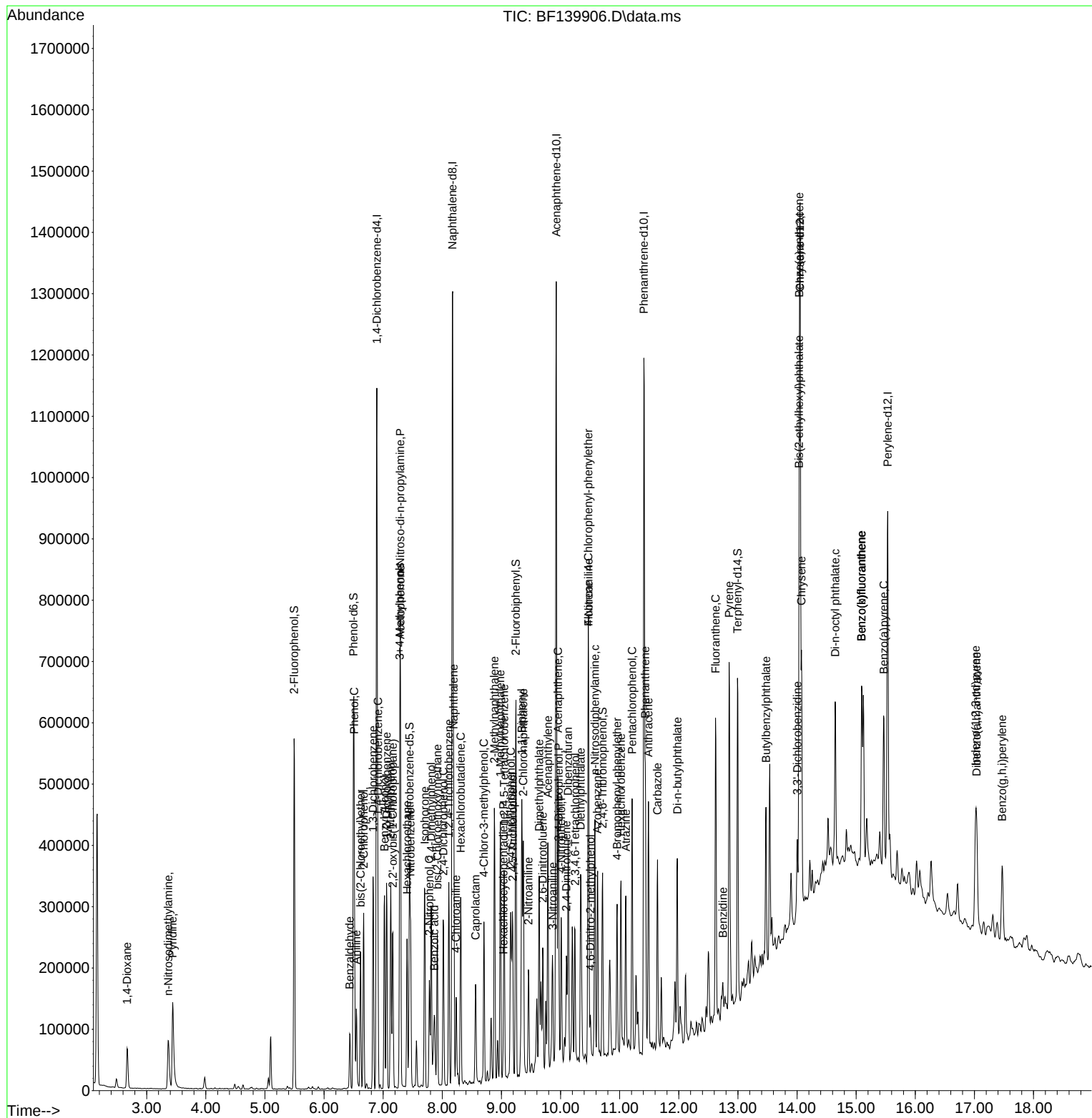
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	46302	6.366	ng	97
46) 1,1'-Biphenyl	9.345	154	182381	7.098	ng	99
47) 2-Chloronaphthalene	9.369	162	140679	6.798	ng	99
48) 2-Nitroaniline	9.457	65	38610	6.100	ng	99
49) Acenaphthylene	9.786	152	212714	7.110	ng	99
50) Dimethylphthalate	9.639	163	155184	6.750	ng	100
51) 2,6-Dinitrotoluene	9.698	165	29064	5.838	ng	97
52) Acenaphthene	9.957	154	139181	7.191	ng	99
53) 3-Nitroaniline	9.869	138	25717	5.010	ng	96
54) 2,4-Dinitrophenol	9.969	184	15469	13.397	ng	92
55) Dibenzofuran	10.128	168	189367	6.819	ng	97
56) 4-Nitrophenol	10.010	139	46063	11.663	ng	98
57) 2,4-Dinitrotoluene	10.098	165	36479	5.959	ng	# 99
58) Fluorene	10.475	166	144754	6.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	38117	6.685	ng	# 94
60) Diethylphthalate	10.339	149	137838	6.106	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	69086	6.468	ng	96
62) 4-Nitroaniline	10.475	138	25045	5.166	ng	95
63) Azobenzene	10.622	77	148901	6.222	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	10864	4.506	ng	95
66) n-Nitrosodiphenylamine	10.581	169	119751	6.769	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	38782	6.369	ng	99
68) Hexachlorobenzene	11.022	284	50309	7.346	ng	95
69) Atrazine	11.104	200	38142	7.959	ng	100
70) Pentachlorophenol	11.210	266	63532	15.285	ng	99
71) Phenanthrene	11.433	178	229028	8.203	ng	99
72) Anthracene	11.486	178	213036	7.820	ng	99
73) Carbazole	11.639	167	170858	6.744	ng	99
74) Di-n-butylphthalate	11.975	149	200037	6.834	ng	99
75) Fluoranthene	12.622	202	275969	9.777	ng	99
77) Benzidine	12.745	184	25861	3.681	ng	# 92
78) Pyrene	12.851	202	319658	8.548	ng	99
80) Butylbenzylphthalate	13.474	149	79384	7.080	ng	99
81) Benzo(a)anthracene	14.039	228	216608	7.788	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	35297	4.353	ng	98
83) Chrysene	14.074	228	211121	8.279	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	108575	8.631	ng	99
85) Di-n-octyl phthalate	14.645	149	166402	7.273	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.021	276	152706	6.696	ng	97
88) Benzo(b)fluoranthene	15.092	252	187174	8.668	ng	97
89) Benzo(k)fluoranthene	15.092	252	187174	10.051	ng	97
90) Benzo(a)pyrene	15.468	252	156486	8.807	ng	95
91) Dibenzo(a,h)anthracene	17.039	278	114000	5.992	ng	99
92) Benzo(g,h,i)perylene	17.468	276	123451	6.496	ng	99

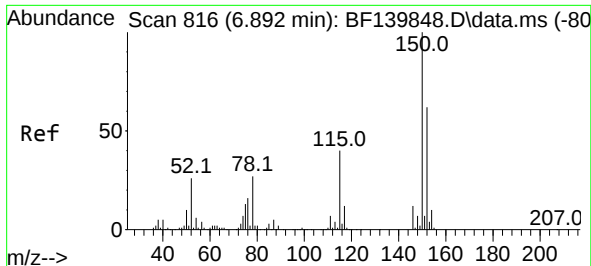
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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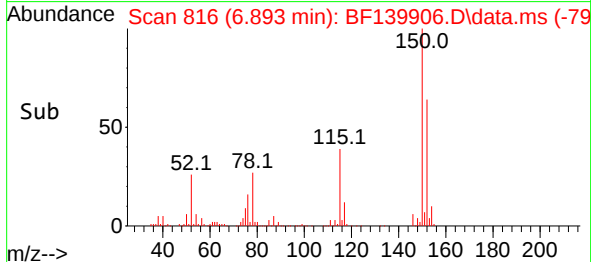
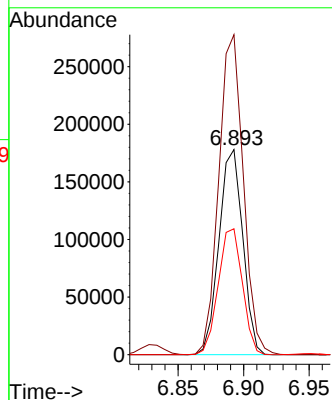
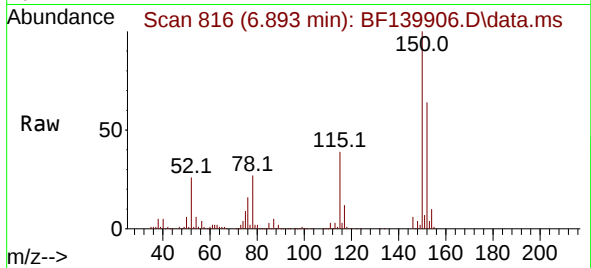




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

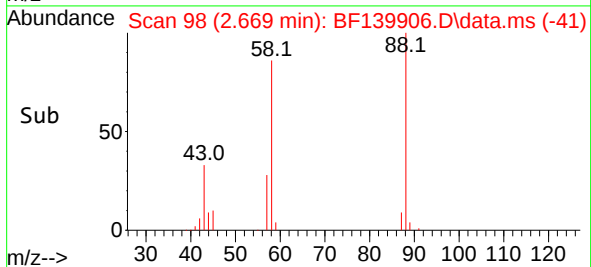
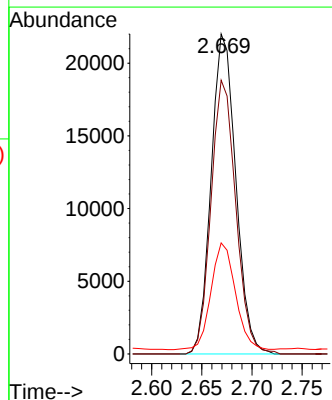
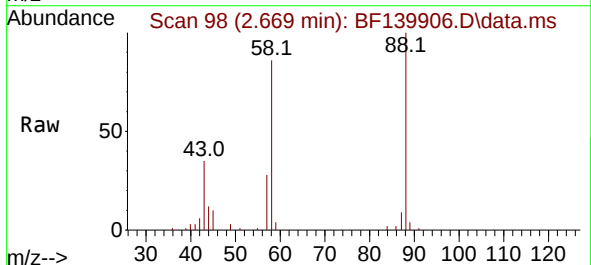
Instrument :
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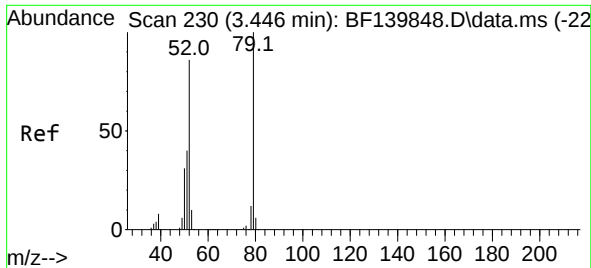
Tgt Ion:152 Resp: 224528
 Ion Ratio Lower Upper
 152 100
 150 156.1 130.2 195.2
 115 61.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 5.621 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.017 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

Tgt Ion: 88 Resp: 37585
 Ion Ratio Lower Upper
 88 100
 58 86.1 73.3 109.9
 43 32.9 27.1 40.7





#3

Pyridine

Concen: 5.632 ng

RT: 3.440 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

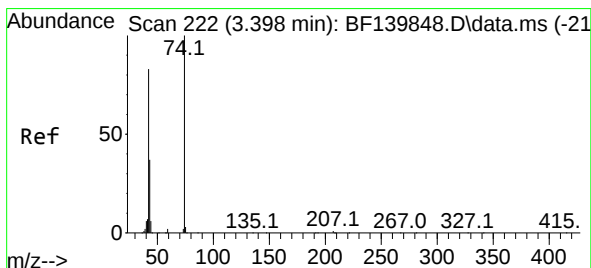
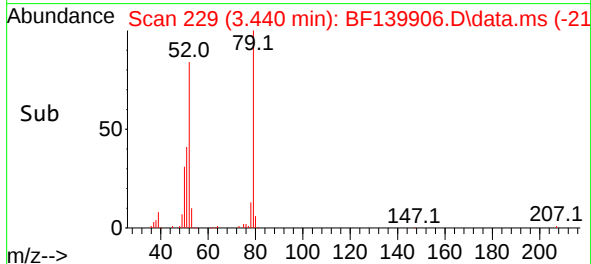
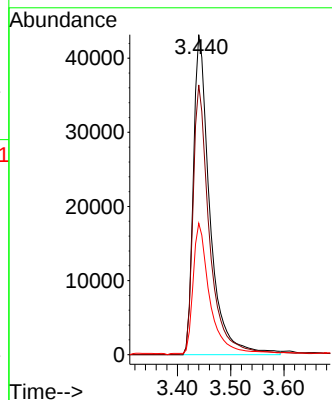
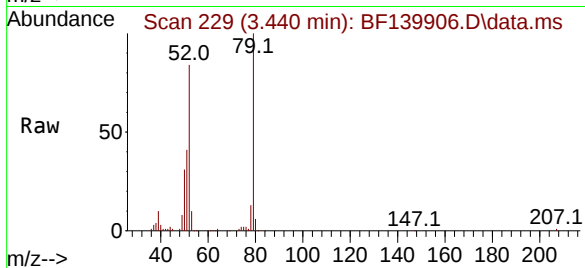
Tgt Ion: 79 Resp: 93358

Ion Ratio Lower Upper

79 100

52 84.3 68.5 102.7

51 41.0 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 5.677 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.035 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

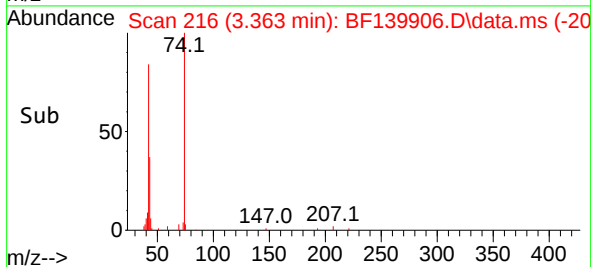
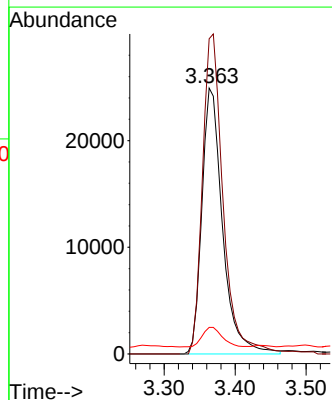
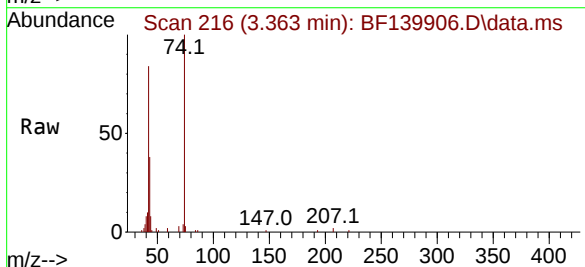
Tgt Ion: 42 Resp: 50552

Ion Ratio Lower Upper

42 100

74 118.5 96.2 144.4

44 10.0 6.2 9.2#

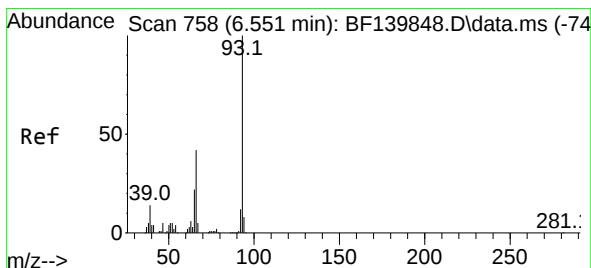
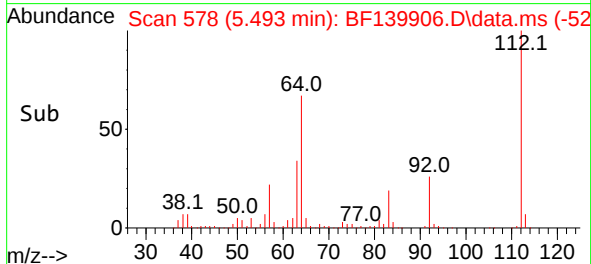
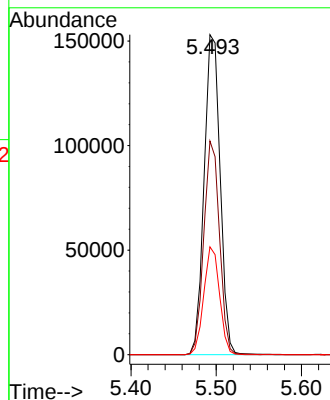
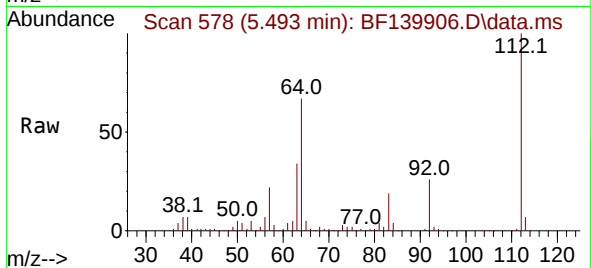




#5
2-Fluorophenol
Concen: 13.952 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

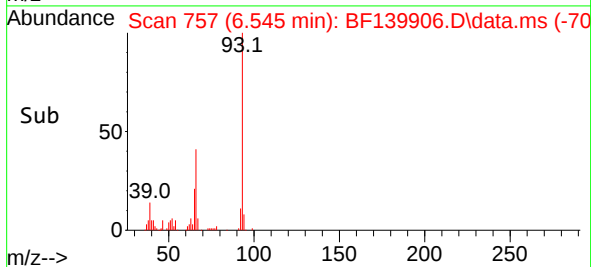
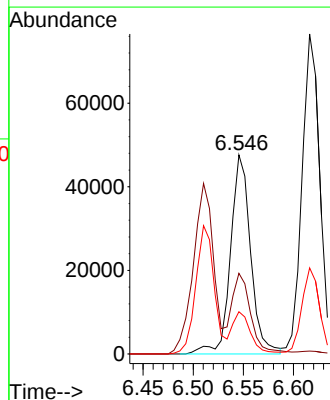
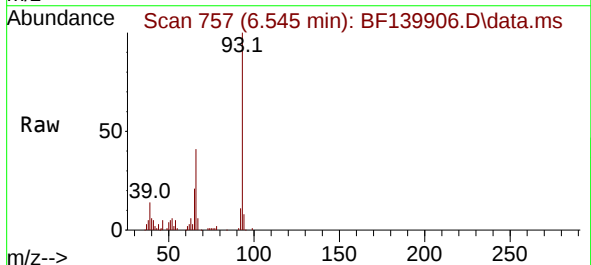
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Tgt Ion:112 Resp: 200100
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 33.7 27.0 40.4



#6
Aniline
Concen: 3.850 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 93 Resp: 66655
Ion Ratio Lower Upper
93 100
66 40.5 34.0 51.0
65 21.2 17.4 26.0





#7

Phenol-d6

Concen: 13.380 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF139906.D

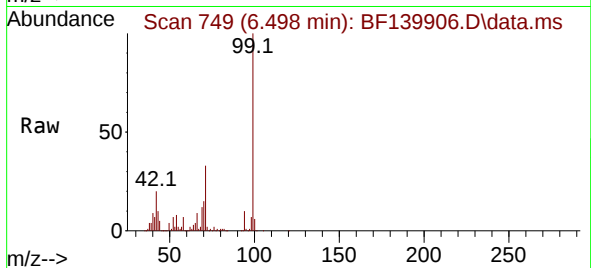
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Instrument :

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ClientSampleId :

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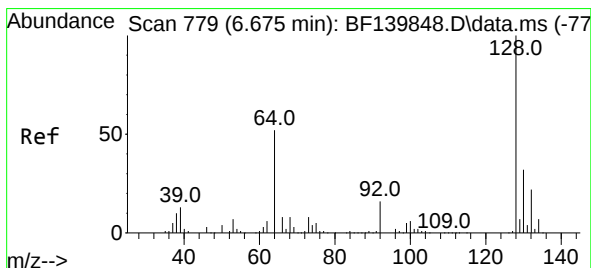
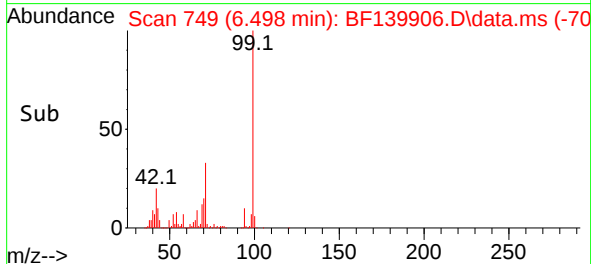
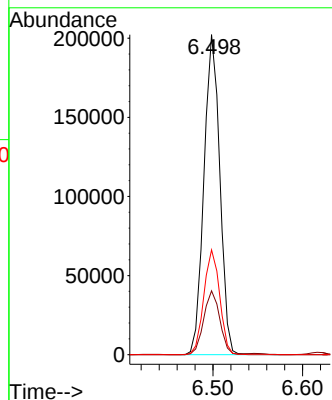
Tgt Ion: 99 Resp: 248534

Ion Ratio Lower Upper

99 100

42 19.9 16.7 25.1

71 32.7 27.7 41.5



#8

2-Chlorophenol

Concen: 6.282 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

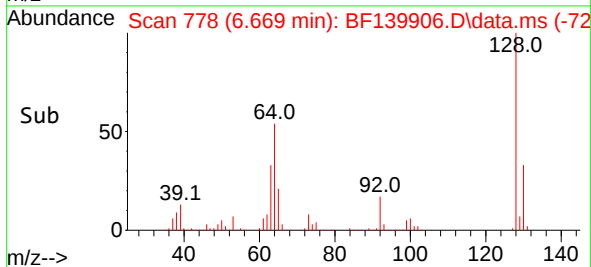
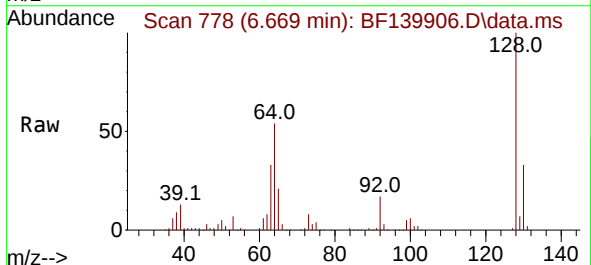
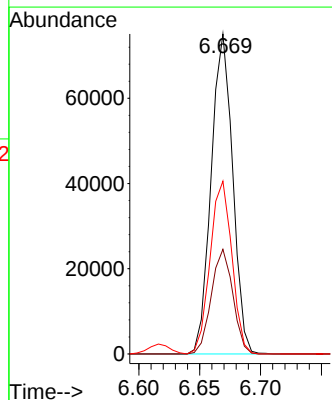
Tgt Ion: 128 Resp: 92109

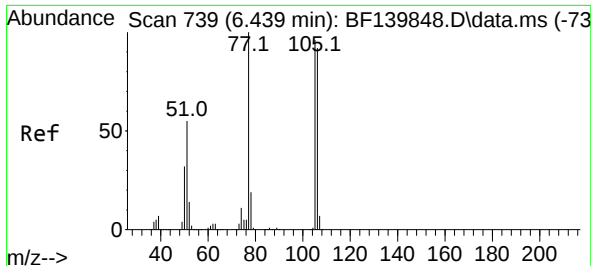
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 54.0 34.6 74.6

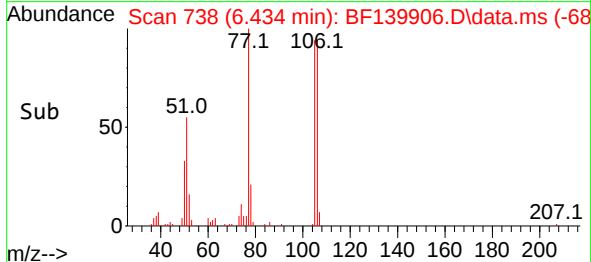
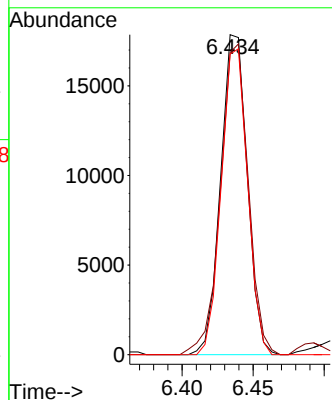
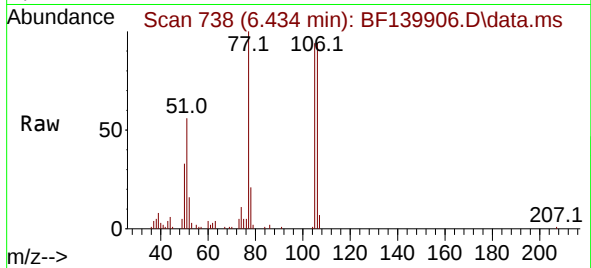




#9
Benzaldehyde
Concen: 2.227 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.005 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

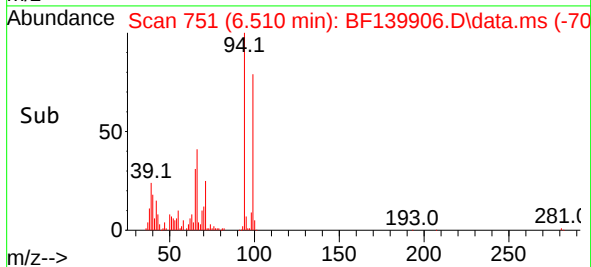
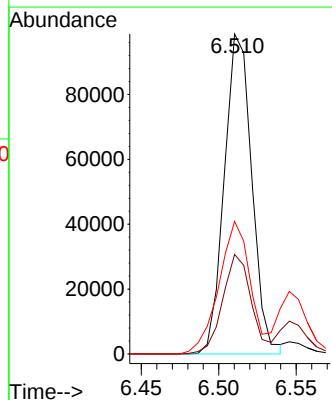
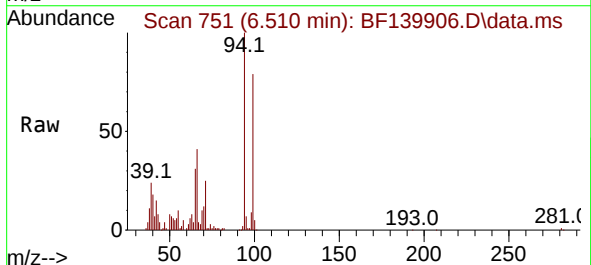
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Tgt Ion: 77 Resp: 23274
Ion Ratio Lower Upper
77 100
105 94.4 75.5 115.5
106 94.0 71.7 111.7



#10
Phenol
Concen: 6.359 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 94 Resp: 121780
Ion Ratio Lower Upper
94 100
65 31.1 11.1 51.1
66 41.4 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 6.263 ng

RT: 6.616 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF139906.D

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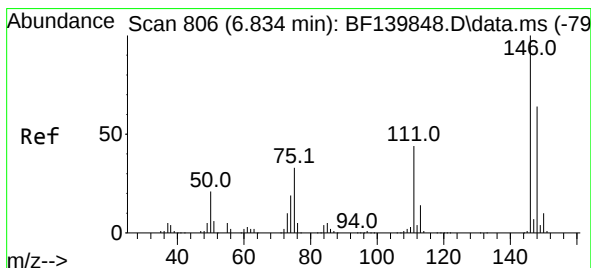
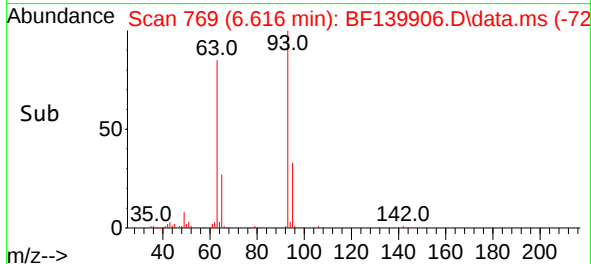
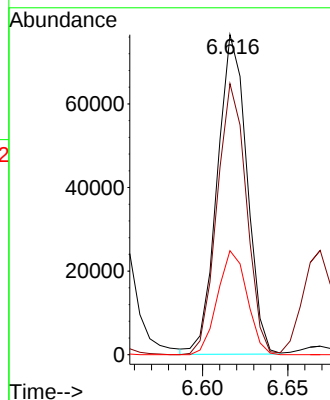
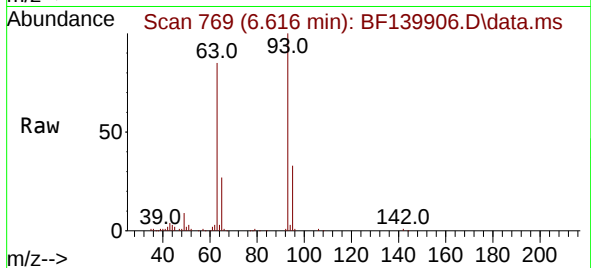
Tgt Ion: 93 Resp: 92710

Ion Ratio Lower Upper

93 100

63 84.7 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 6.409 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

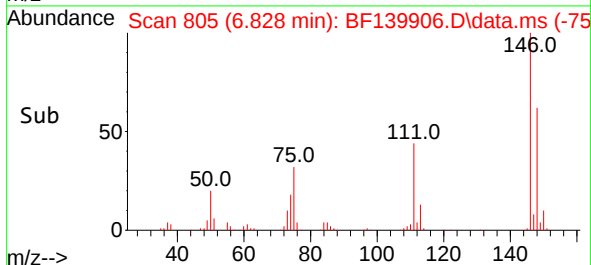
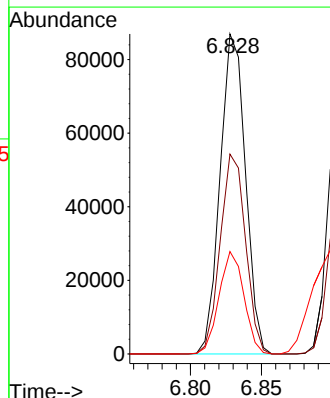
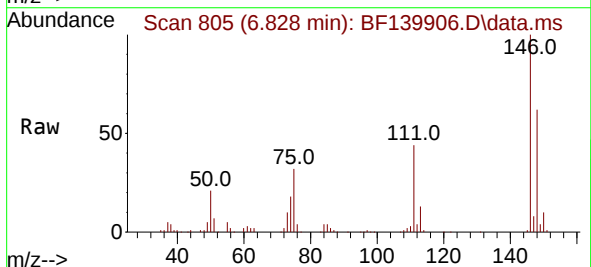
Tgt Ion: 146 Resp: 107876

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.4

75 32.0 26.4 39.6

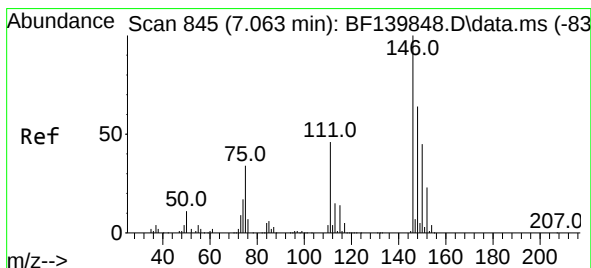
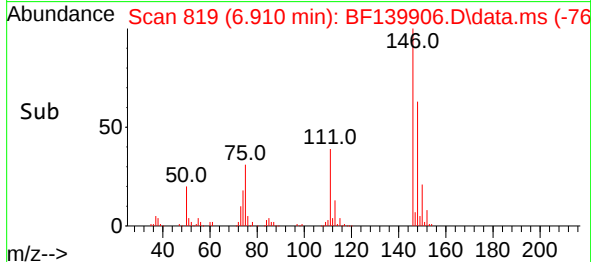
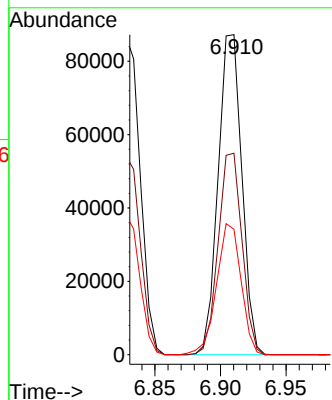
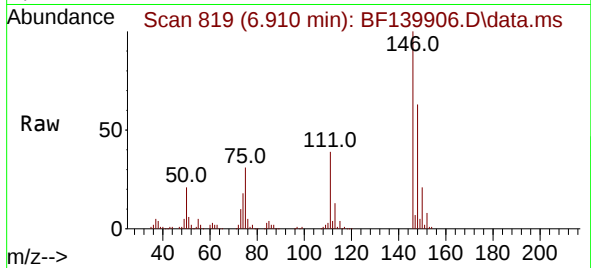




#13
1,4-Dichlorobenzene
Concen: 6.535 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

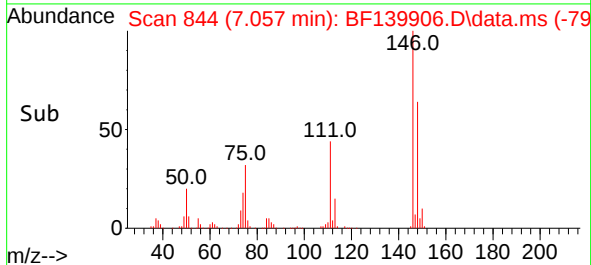
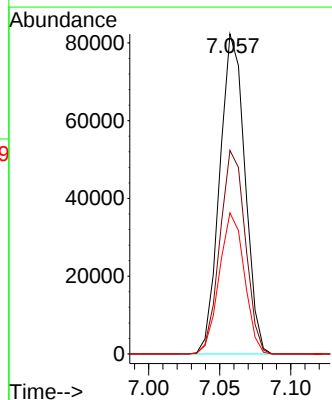
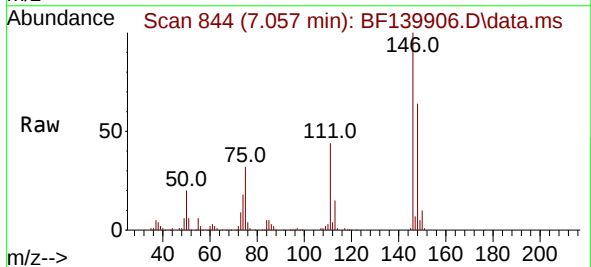
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

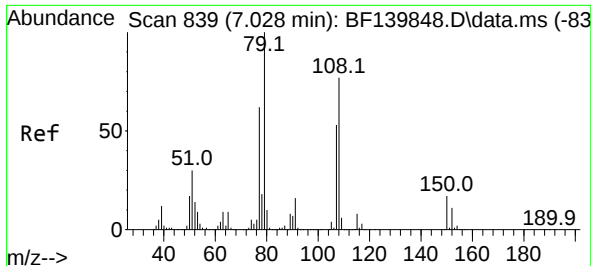
Tgt Ion:146 Resp: 109880
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
111 39.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 6.467 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:146 Resp: 101492
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 44.1 36.7 55.1

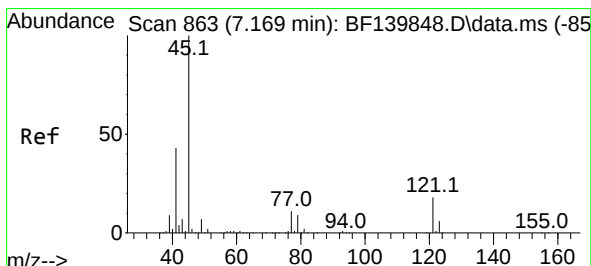
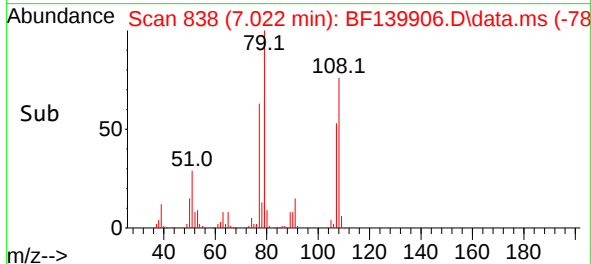
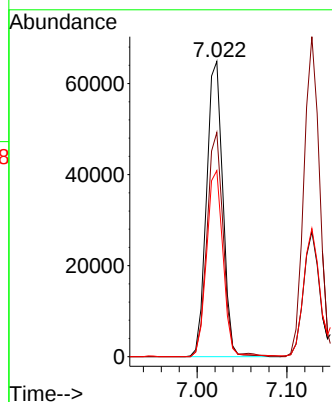
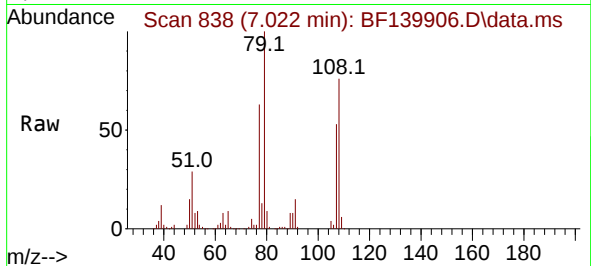




#15
Benzyl Alcohol
Concen: 5.995 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

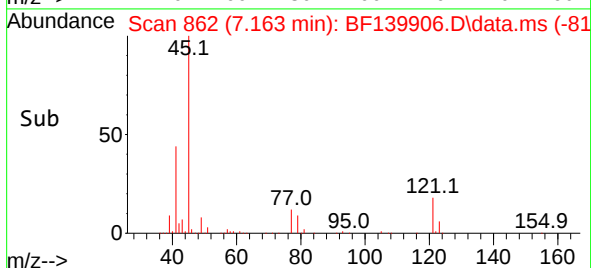
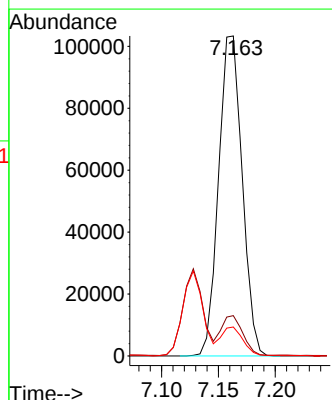
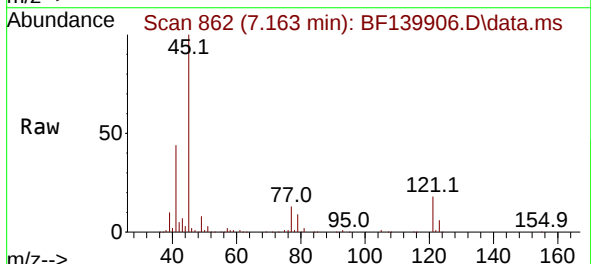
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion: 79 Resp: 81685
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.922 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 45 Resp: 149470
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.1 0.0 29.1

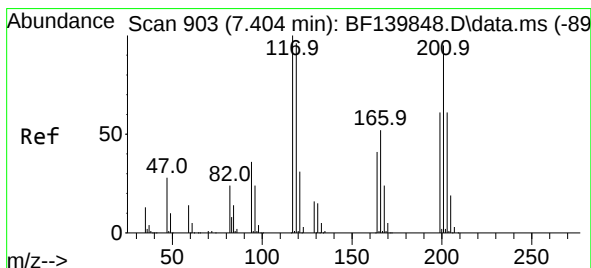
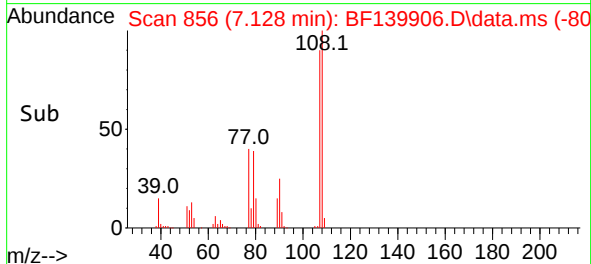
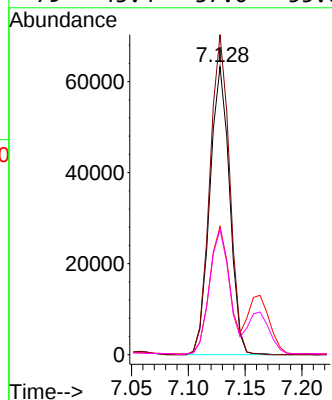
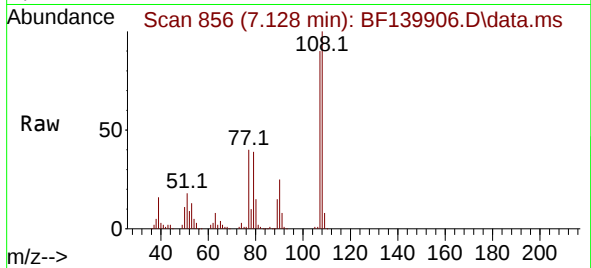




#17
2-Methylphenol
Concen: 6.109 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

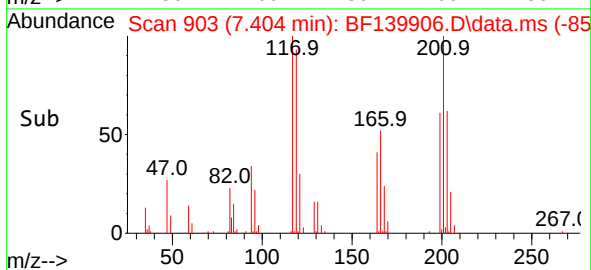
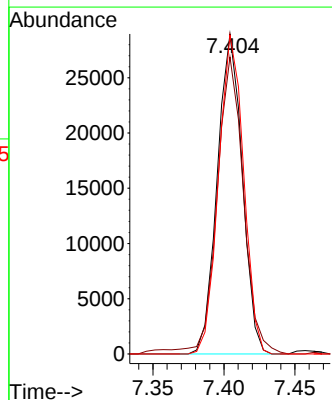
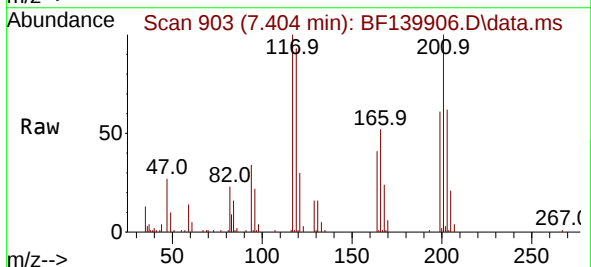
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

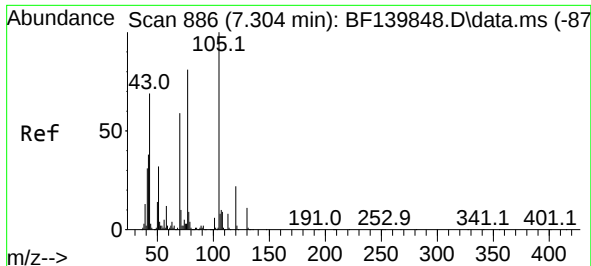
Tgt Ion:	107	Resp:	76373
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.3	136.9
77	44.5	37.1	55.7
79	43.4	37.0	55.6



#18
Hexachloroethane
Concen: 5.890 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:	117	Resp:	35320
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.0	115.4
201	99.6	76.2	114.4





#19

n-Nitroso-di-n-propylamine

Concen: 6.049 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

Tgt Ion: 70 Resp: 68144

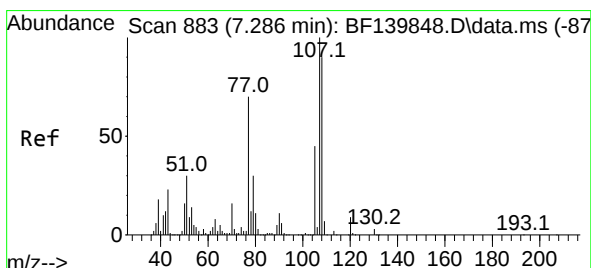
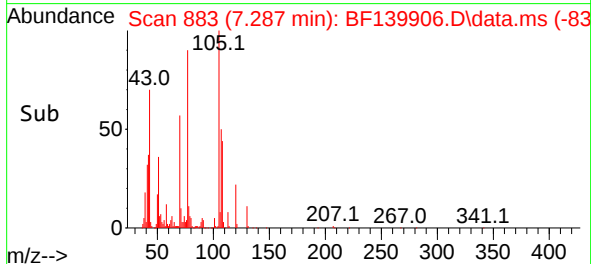
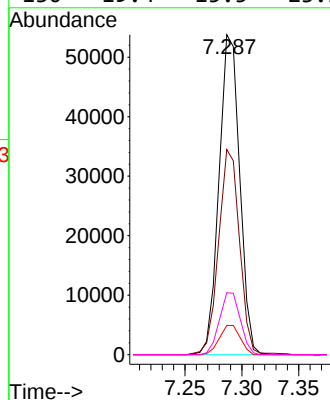
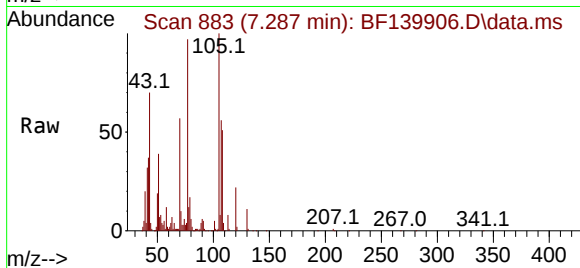
Ion Ratio Lower Upper

70 100

42 64.1 51.5 77.3

101 9.2 7.5 11.3

130 19.4 15.5 23.3



#20

3+4-Methylphenols

Concen: 6.116 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion: 107 Resp: 97812

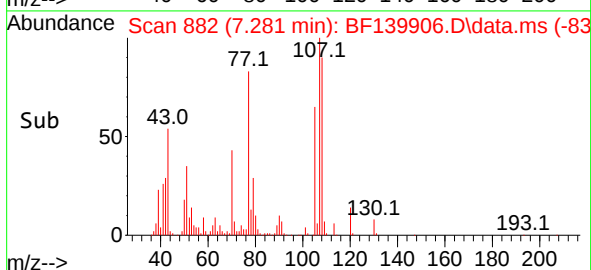
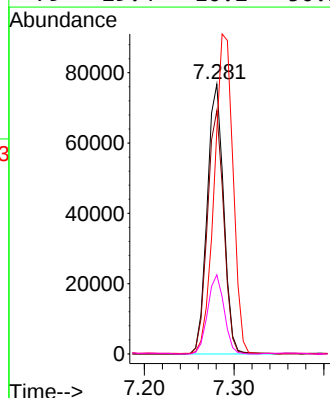
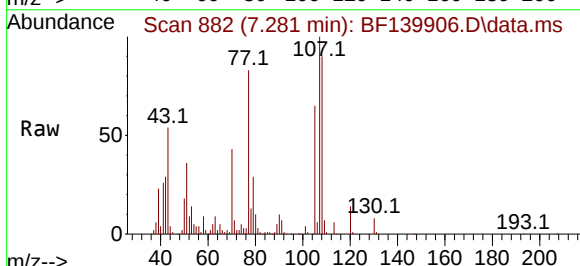
Ion Ratio Lower Upper

107 100

108 90.1 69.8 109.8

77 82.8 50.5 90.5

79 29.4 10.2 50.2



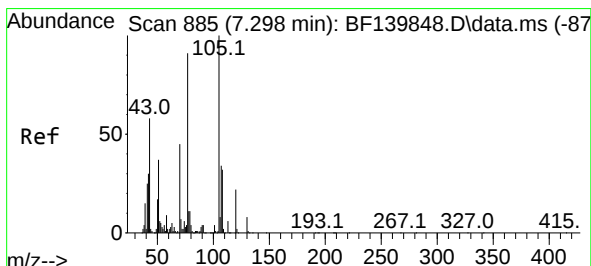
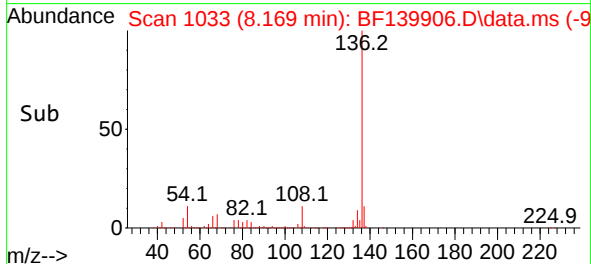
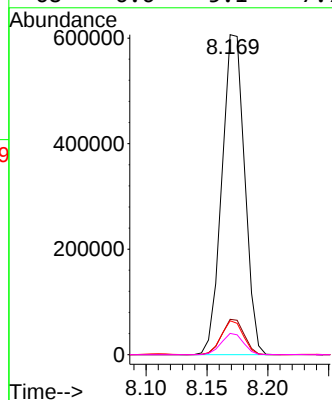
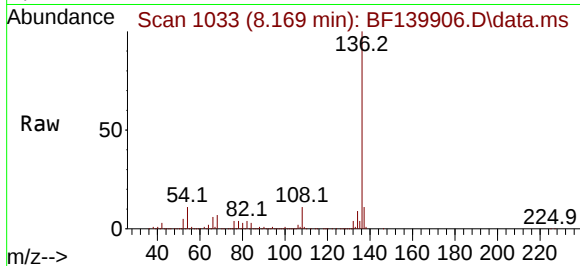


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:136 Resp: 790392

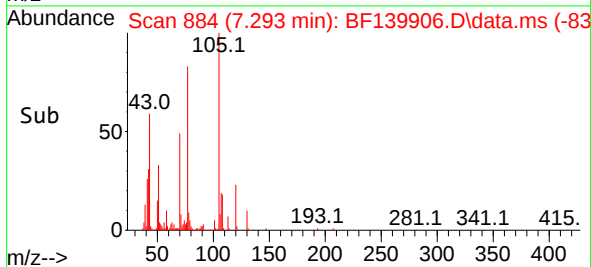
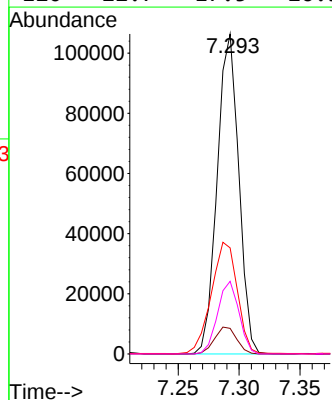
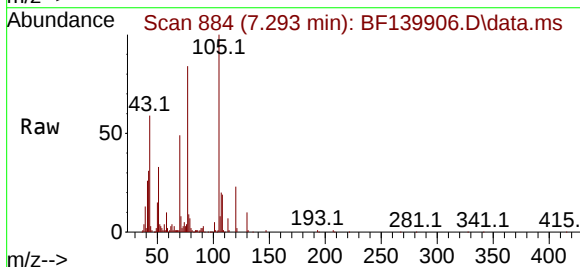
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.6	8.4	12.6
68	6.6	5.1	7.7

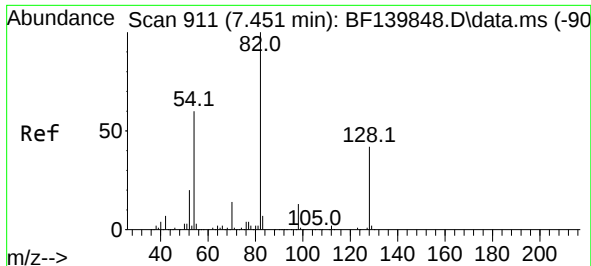


#22
Acetophenone
Concen: 6.779 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:105 Resp: 131231

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	33.2	29.4	44.2
120	22.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 10.039 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

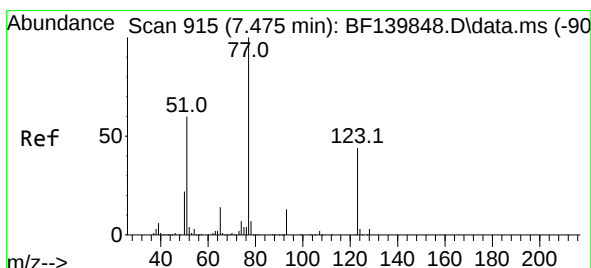
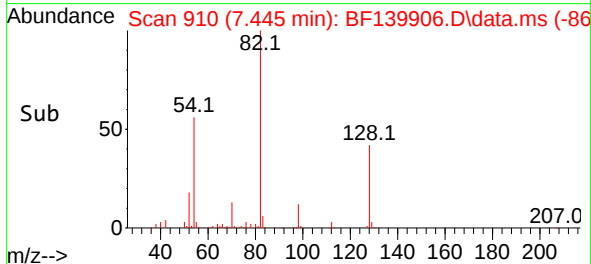
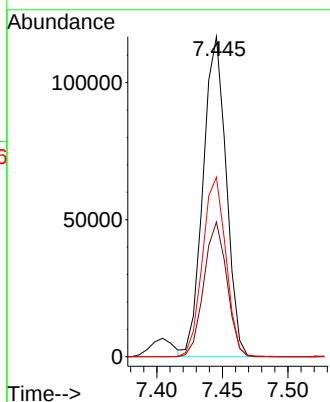
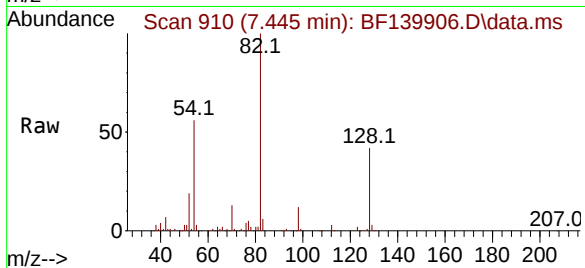
Tgt Ion: 82 Resp: 143168

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.0

54 56.1 47.8 71.8



#24

Nitrobenzene

Concen: 6.081 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

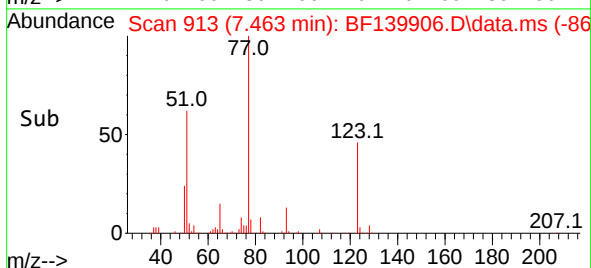
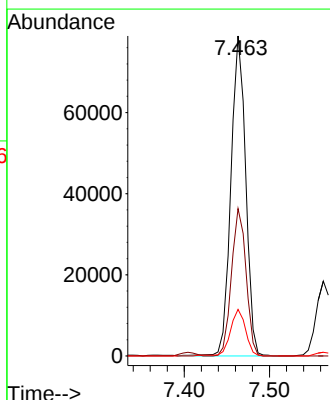
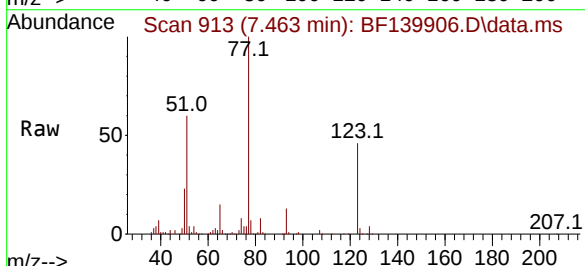
Tgt Ion: 77 Resp: 95073

Ion Ratio Lower Upper

77 100

123 46.0 35.7 53.5

65 14.6 11.5 17.3

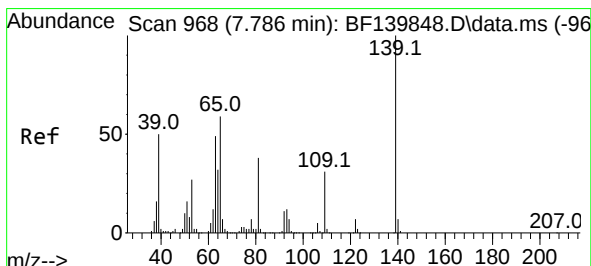
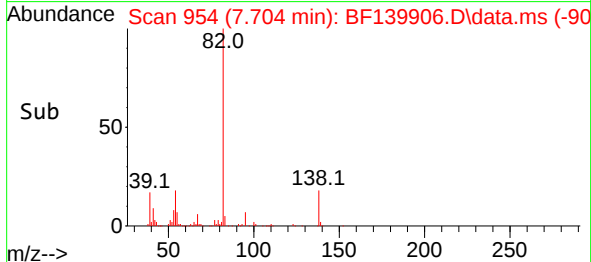
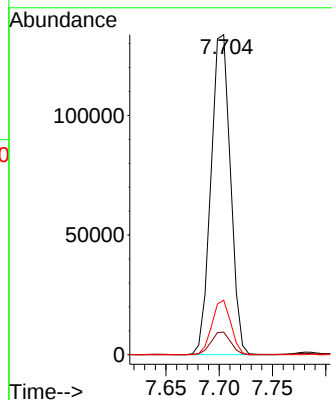
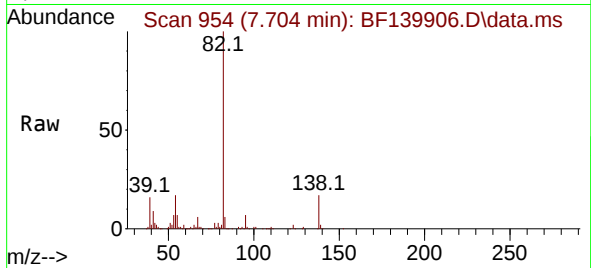




#25
Isophorone
Concen: 6.295 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

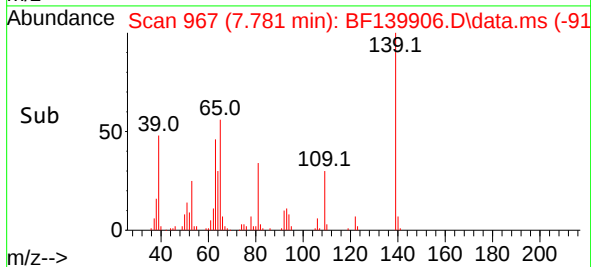
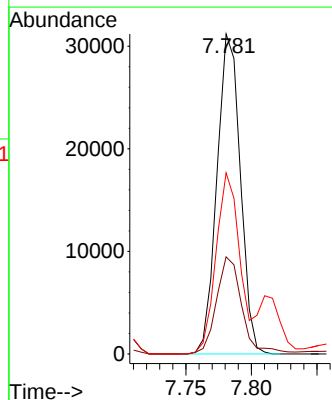
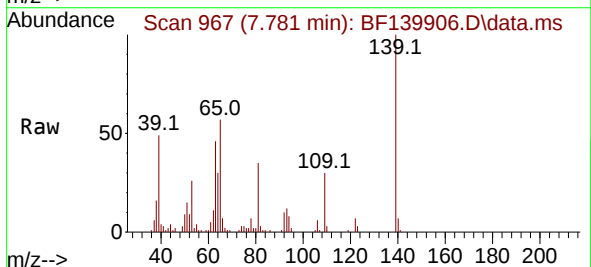
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

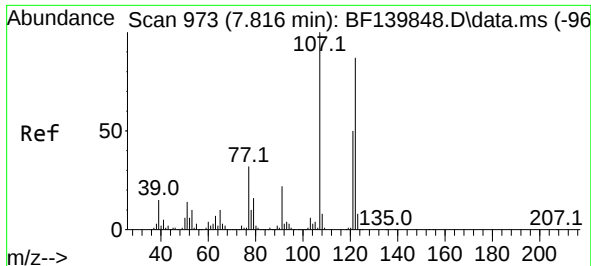
Tgt Ion: 82 Resp: 170380
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.0 13.2 19.8



#26
2-Nitrophenol
Concen: 6.540 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:139 Resp: 38577
Ion Ratio Lower Upper
139 100
109 30.3 25.1 37.7
65 56.6 47.5 71.3

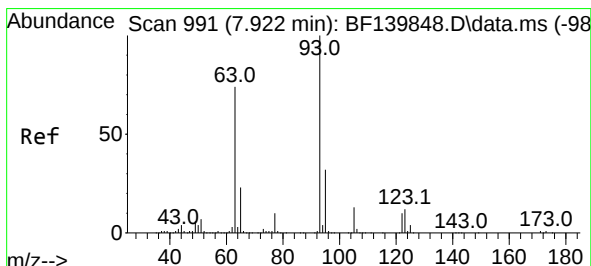
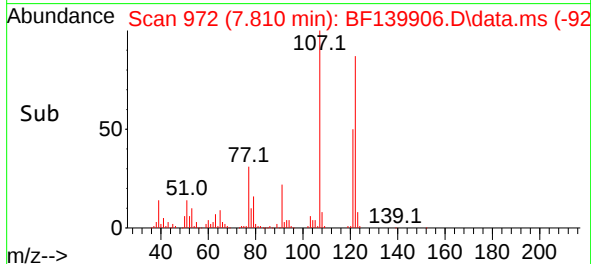
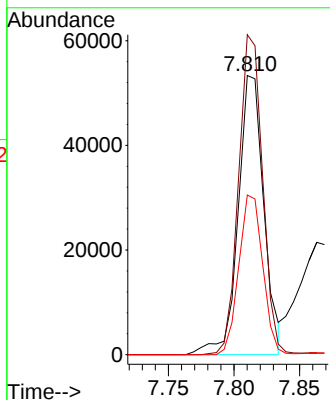
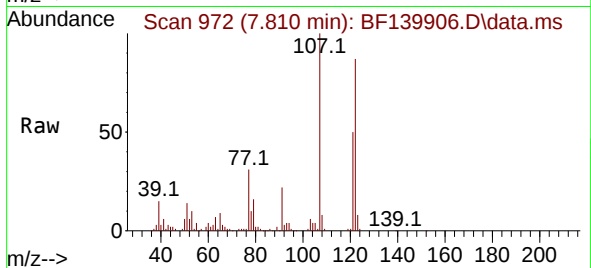




#27
2,4-Dimethylphenol
Concen: 7.376 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

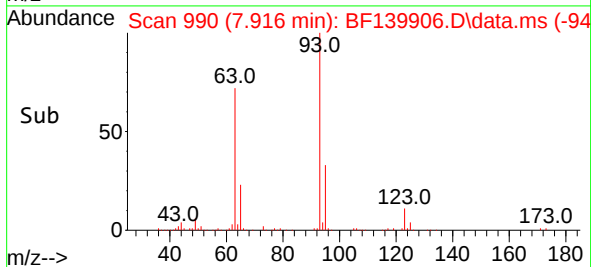
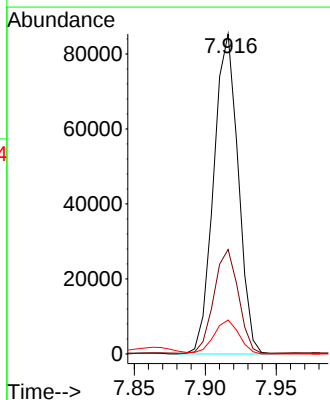
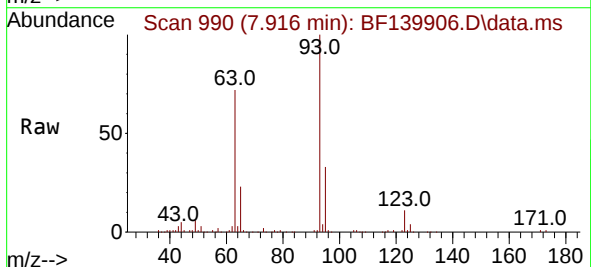
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:122 Resp: 72550
Ion Ratio Lower Upper
122 100
107 114.6 91.9 137.9
121 57.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 6.252 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 93 Resp: 102529
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 10.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 6.261 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

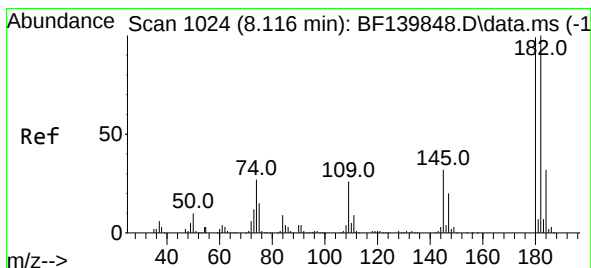
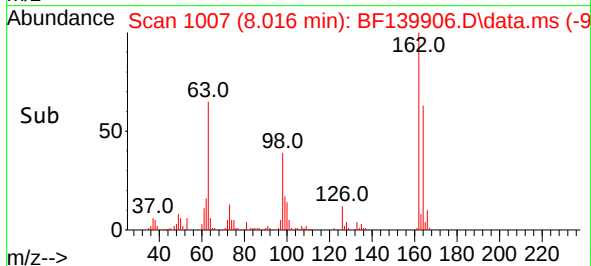
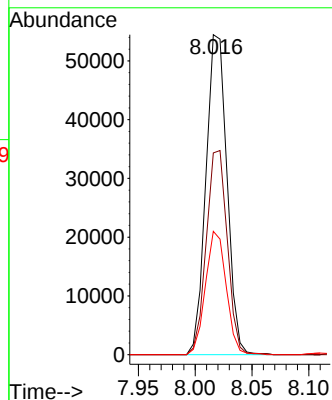
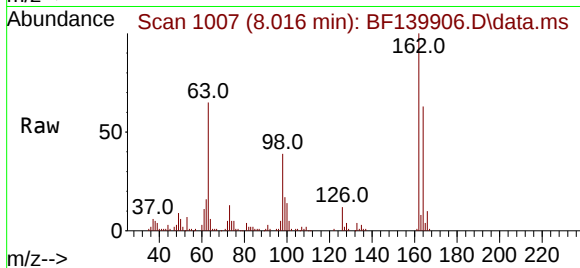
Tgt Ion:162 Resp: 70137

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

98 38.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 6.241 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

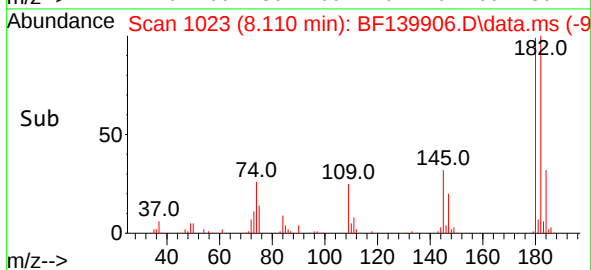
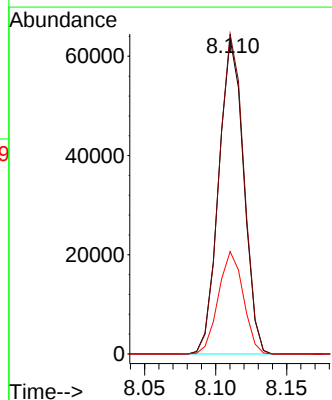
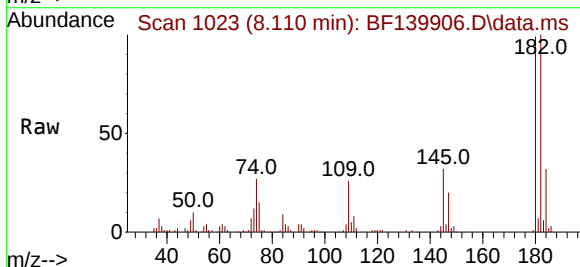
Tgt Ion:180 Resp: 77363

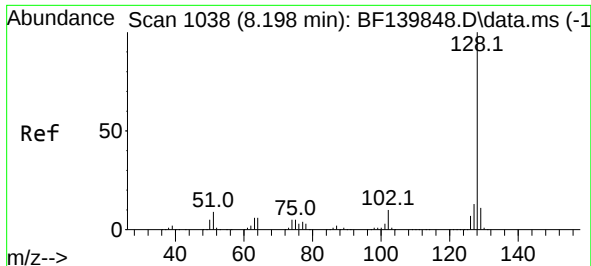
Ion Ratio Lower Upper

180 100

182 101.4 80.5 120.7

145 32.4 25.4 38.0

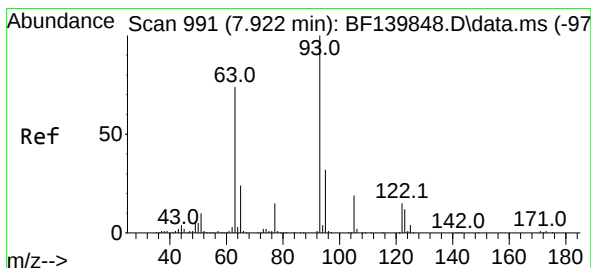
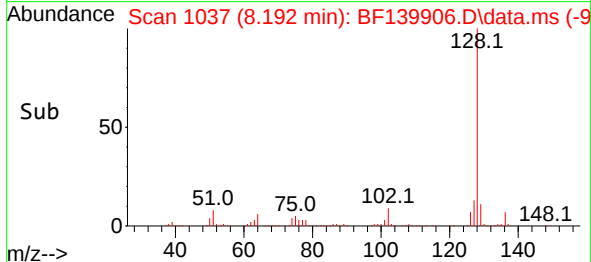
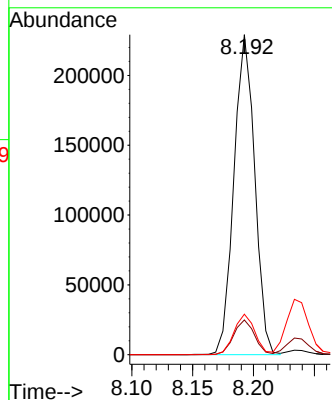
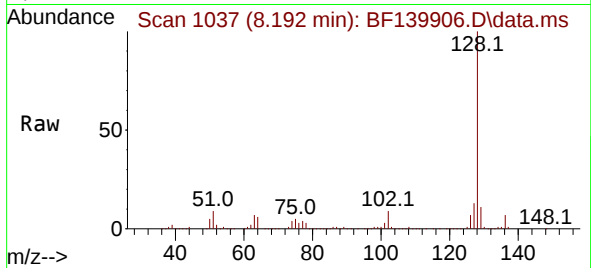




#31
Naphthalene
Concen: 6.686 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

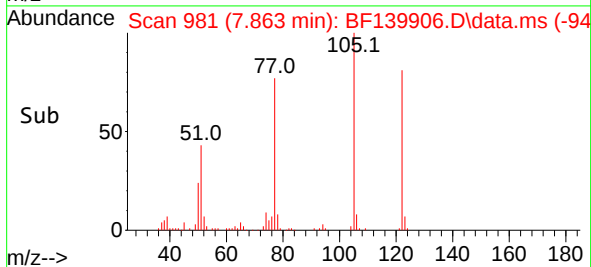
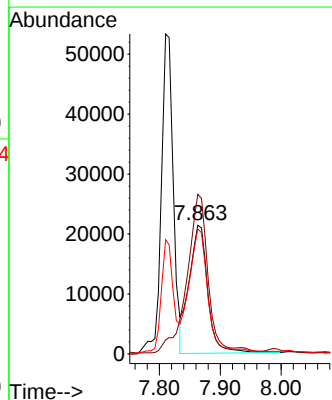
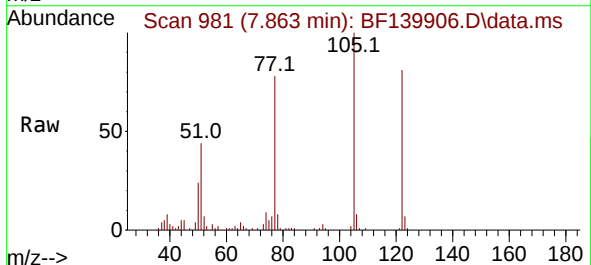
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

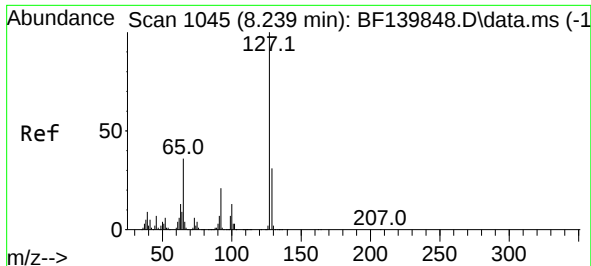
Tgt Ion:128 Resp: 272531
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 5.296 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:122 Resp: 45434
Ion Ratio Lower Upper
122 100
105 124.0 107.6 147.6
77 97.2 80.2 120.2

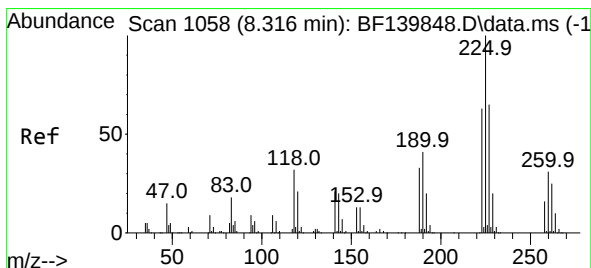
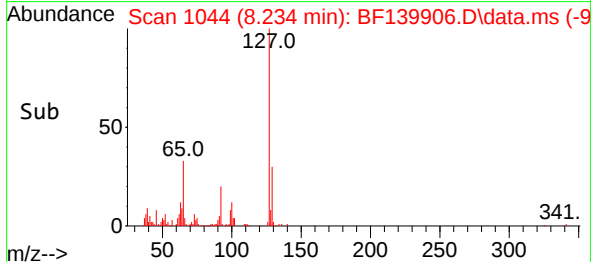
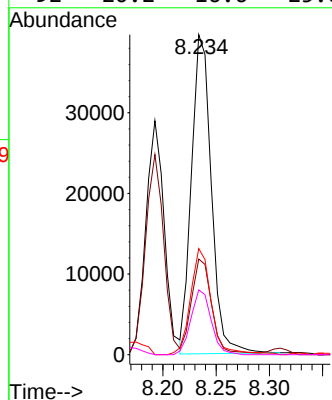
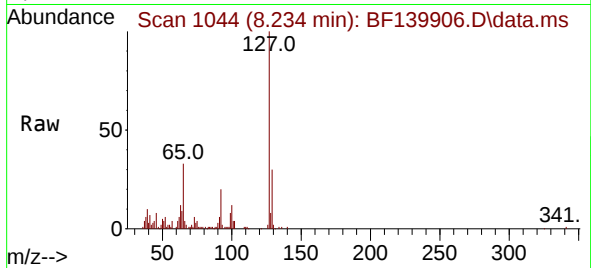




#33
4-Chloroaniline
Concen: 3.696 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

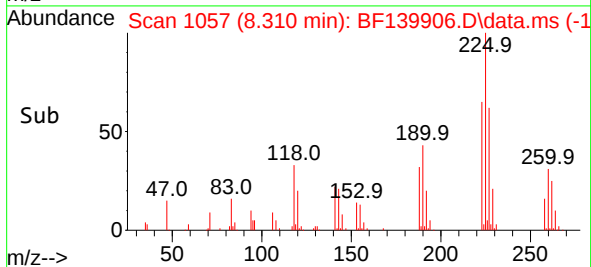
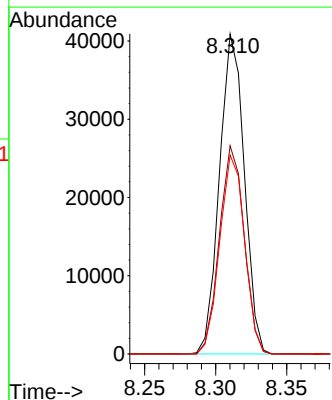
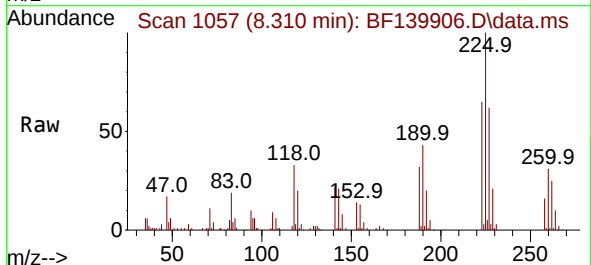
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

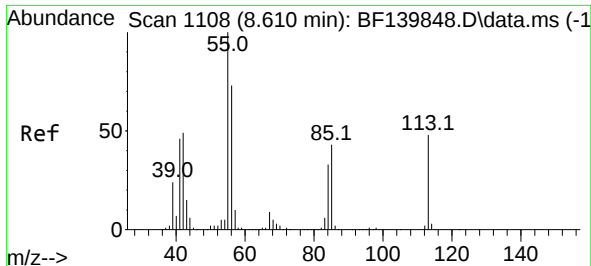
Tgt Ion:	127	Resp:	51379
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.4	38.2
65	33.2	28.4	42.6
92	20.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 6.384 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:	225	Resp:	49724
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	62.2	51.8	77.8

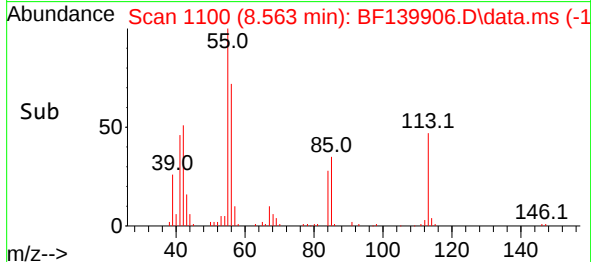
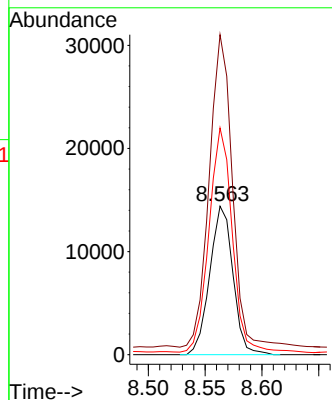
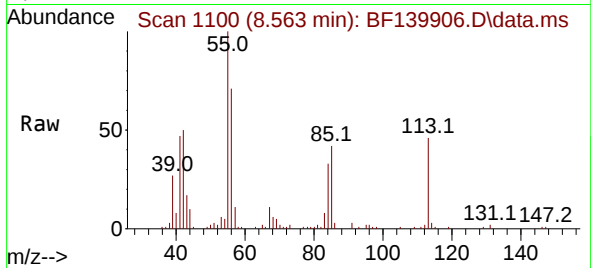




#35
Caprolactam
Concen: 5.744 ng
RT: 8.563 min Scan# 1108
Delta R.T. -0.047 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

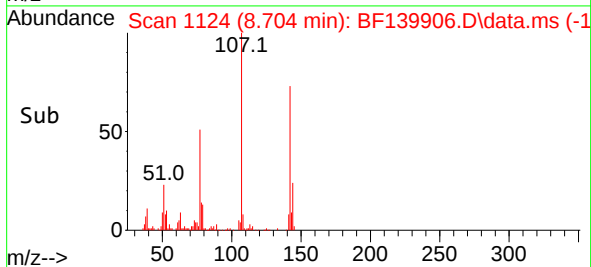
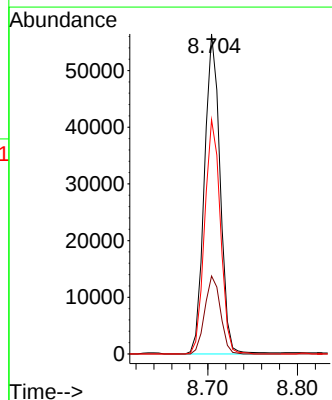
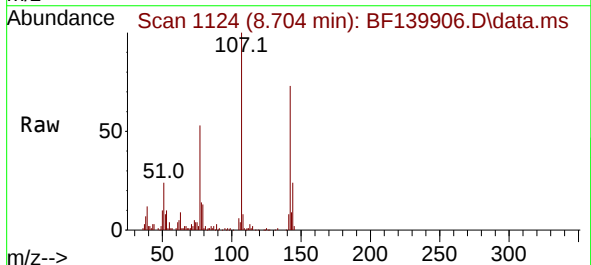
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

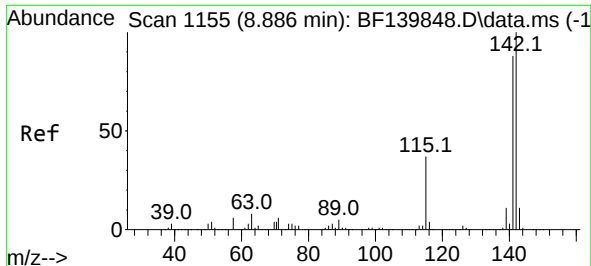
Tgt Ion	Ratio	Lower	Upper
113	100		
55	215.5	189.2	229.2
56	152.7	132.5	172.5



#36
4-Chloro-3-methylphenol
Concen: 5.531 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.1	28.7
142	73.2	57.2	85.8





#37

2-Methylnaphthalene

Concen: 6.527 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

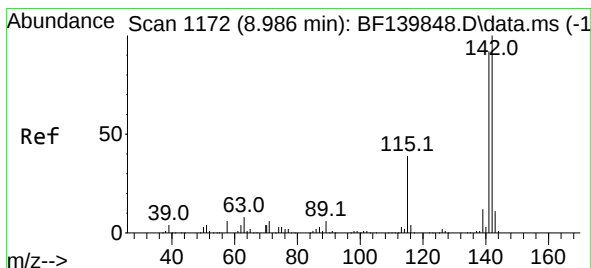
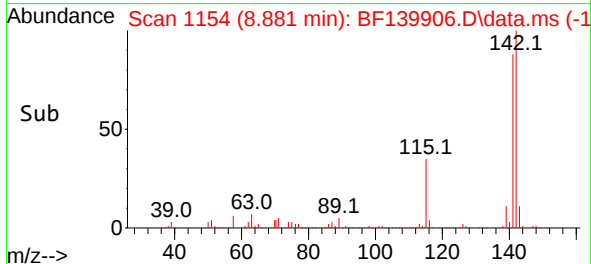
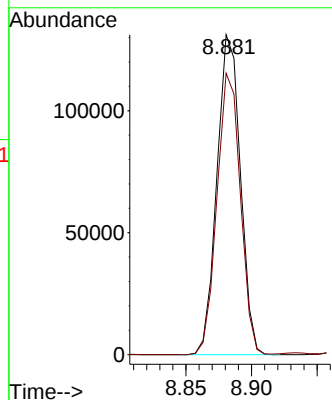
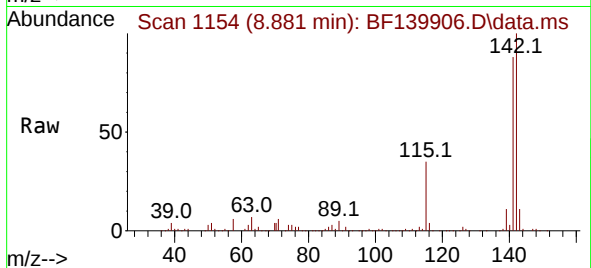
TR-04-101524MS

Tgt Ion:142 Resp: 162960

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 6.170 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139906.D

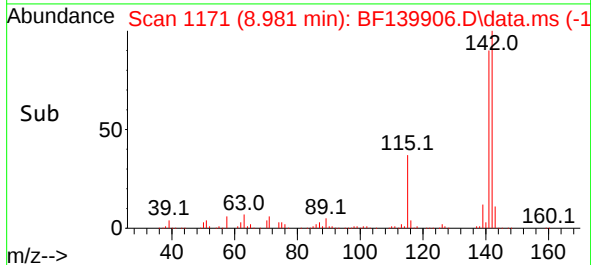
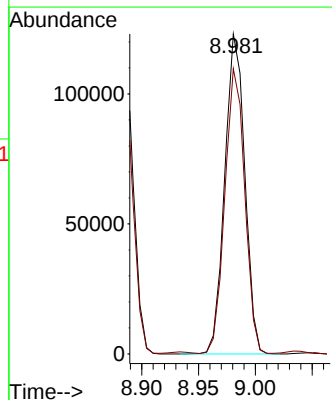
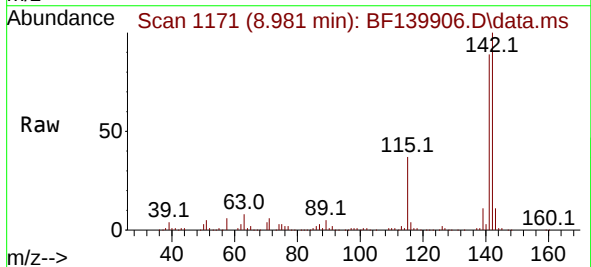
Acq: 21 Oct 2024 16:42

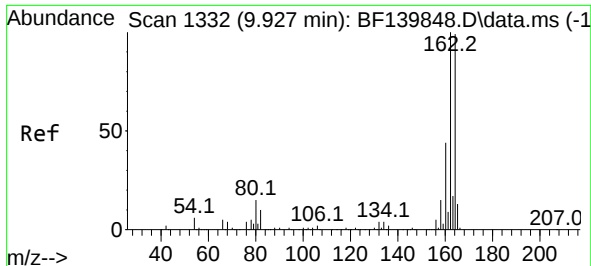
Tgt Ion:142 Resp: 151135

Ion Ratio Lower Upper

142 100

141 89.1 73.5 110.3

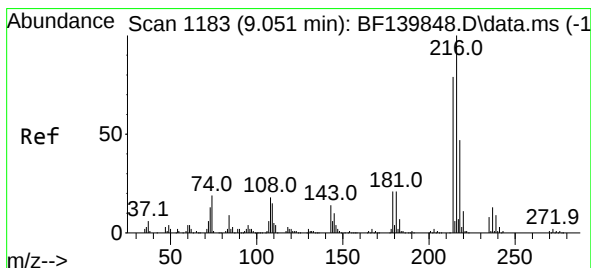
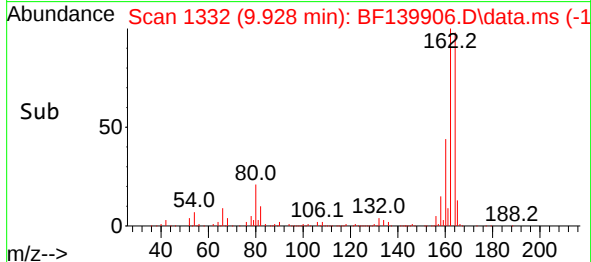
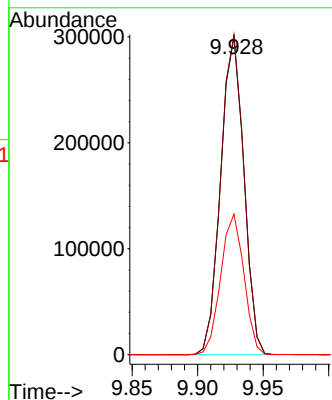
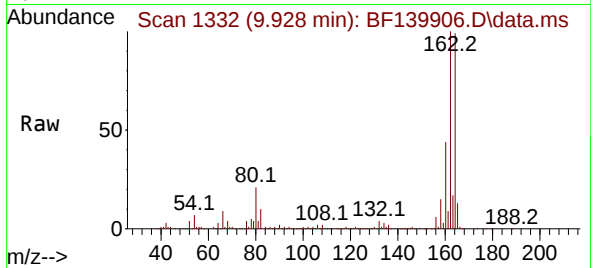




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

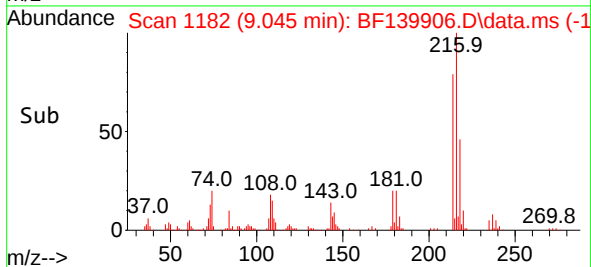
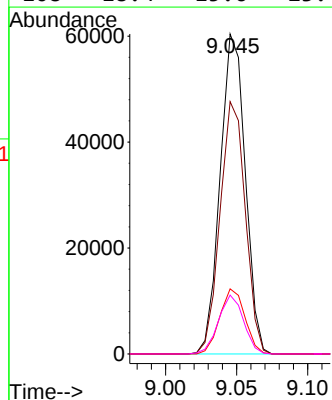
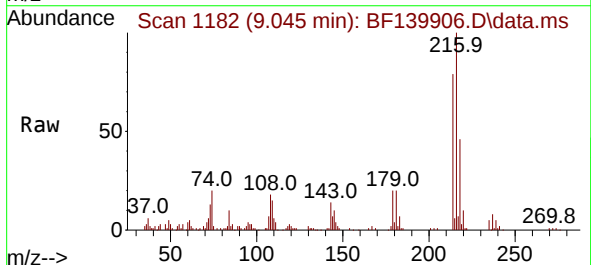
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

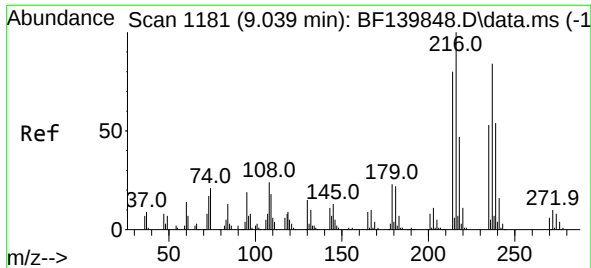
Tgt Ion:164 Resp: 369108
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.458 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:216 Resp: 74266
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 20.4 17.2 25.8
108 18.4 15.6 23.4

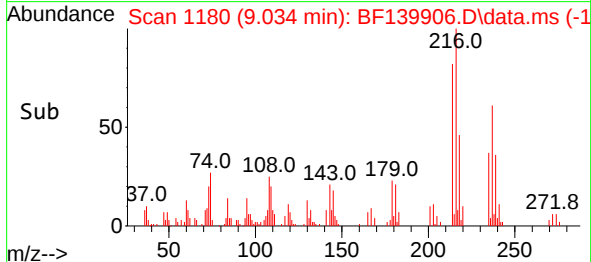
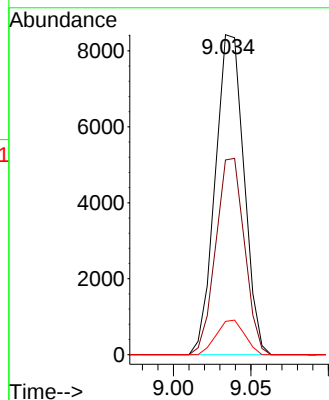
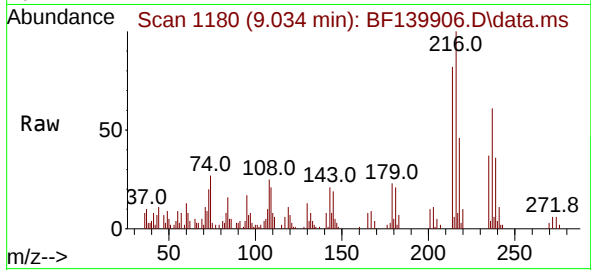




#41
Hexachlorocyclopentadiene
Concen: 3.142 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

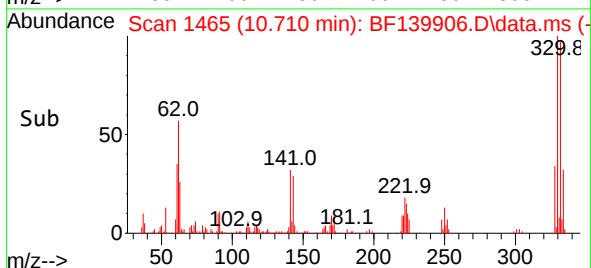
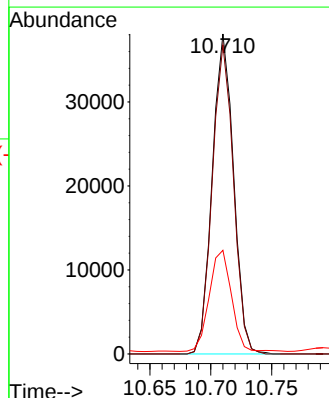
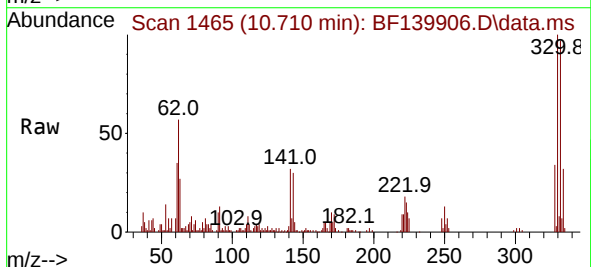
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:237	Resp:	10887
Ion Ratio	Lower	Upper
237	100	
235	60.8	42.9 82.9
272	10.4	0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 13.448 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:330	Resp:	46430
Ion Ratio	Lower	Upper
330	100	
332	96.1	78.1 117.1
141	32.8	26.6 39.8

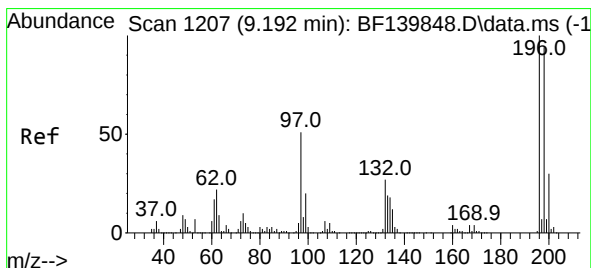
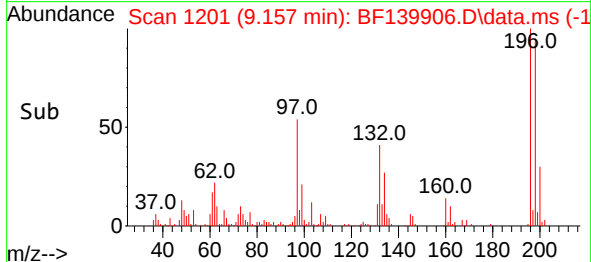
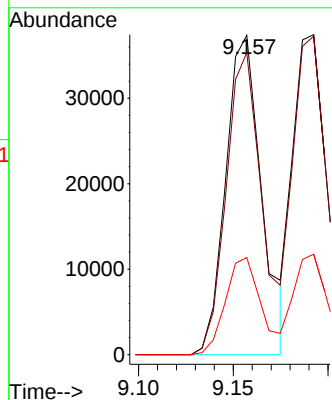
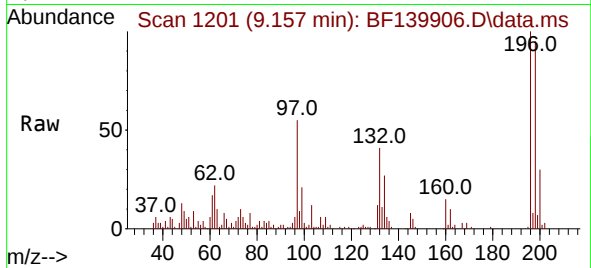




#43
2,4,6-Trichlorophenol
Concen: 6.974 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

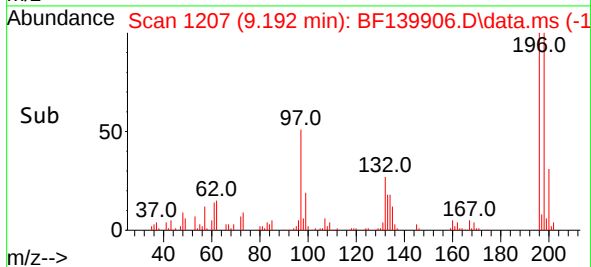
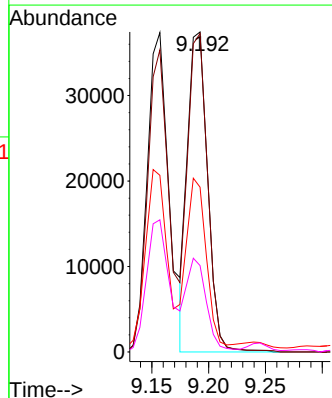
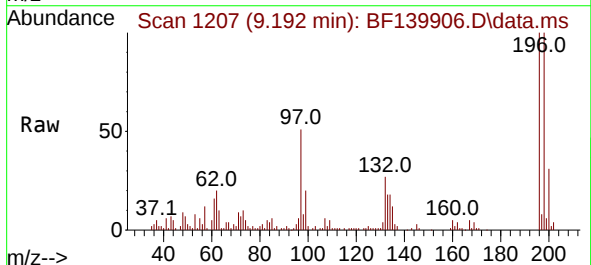
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

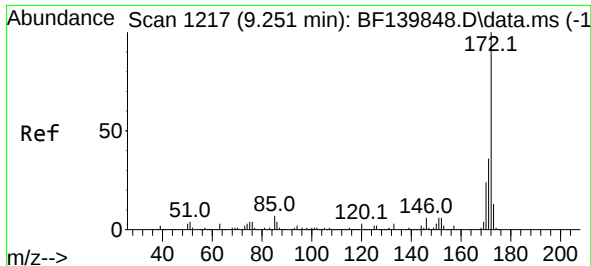
Tgt Ion:196 Resp: 49167
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.2
200 30.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 6.366 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:196 Resp: 46302
Ion Ratio Lower Upper
196 100
198 99.5 75.8 113.6
97 51.5 41.8 62.6
132 27.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 11.873 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

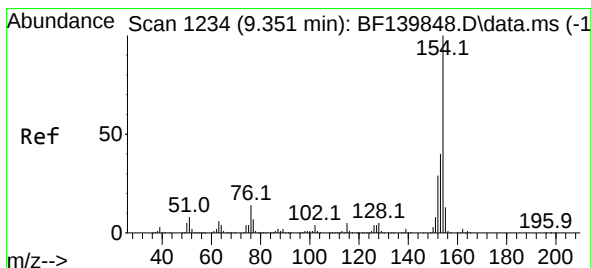
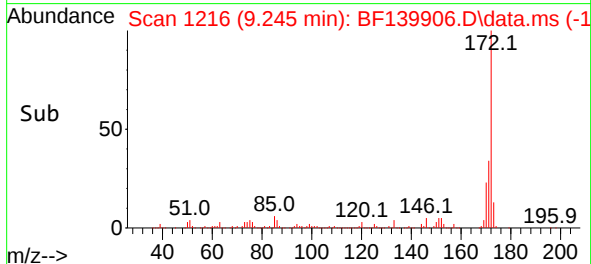
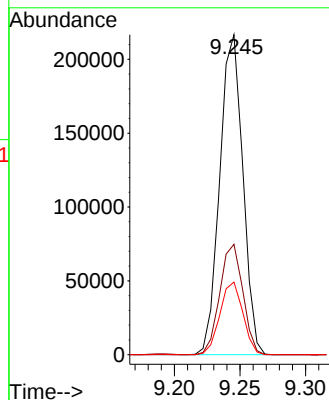
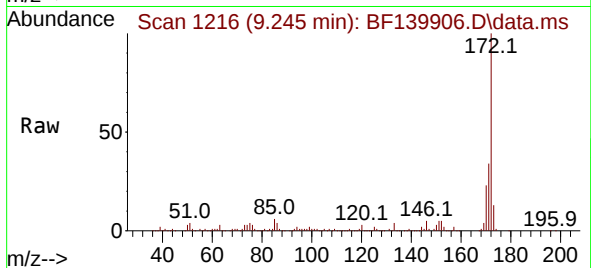
Tgt Ion:172 Resp: 265161

Ion Ratio Lower Upper

172 100

171 34.5 28.6 43.0

170 22.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 7.098 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

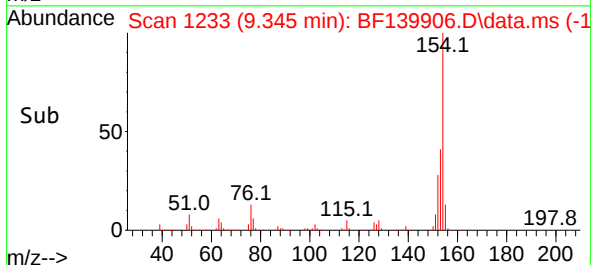
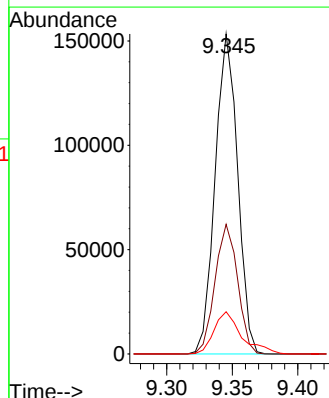
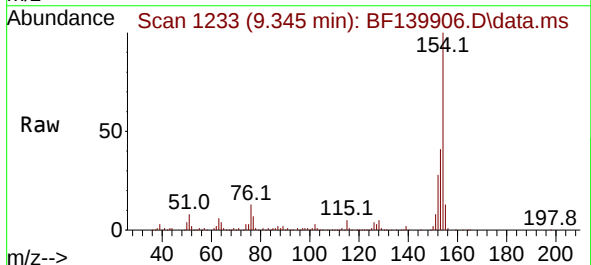
Tgt Ion:154 Resp: 182381

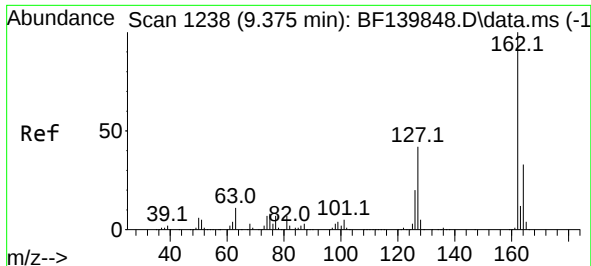
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 6.798 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

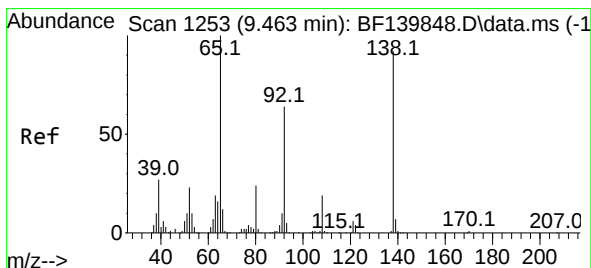
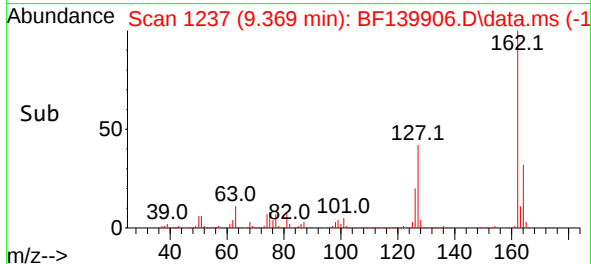
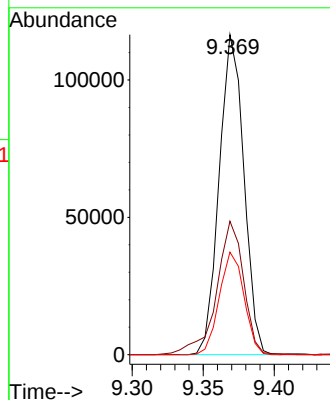
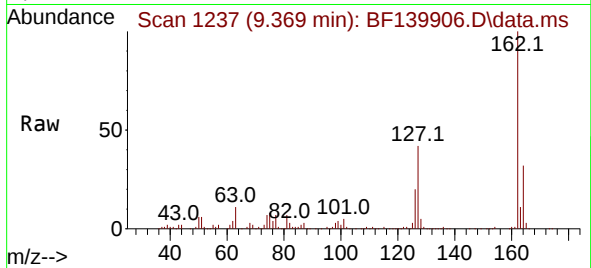
Tgt Ion:162 Resp: 140679

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.6

164 32.1 26.6 39.8



#48

2-Nitroaniline

Concen: 6.100 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

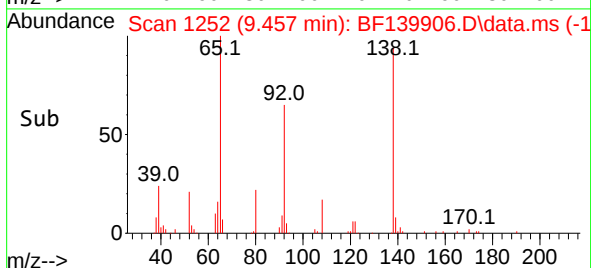
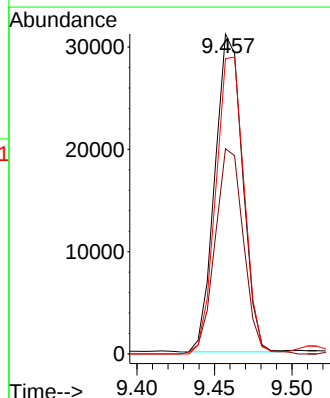
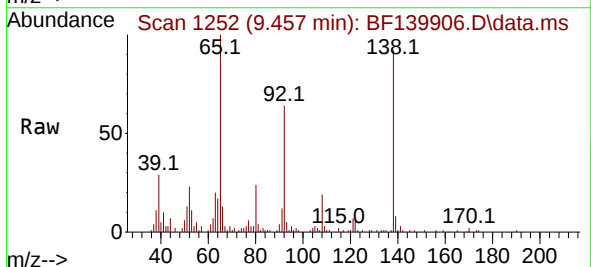
Tgt Ion: 65 Resp: 38610

Ion Ratio Lower Upper

65 100

92 64.1 50.9 76.3

138 92.3 73.4 110.0





#49

Acenaphthylene

Concen: 7.110 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

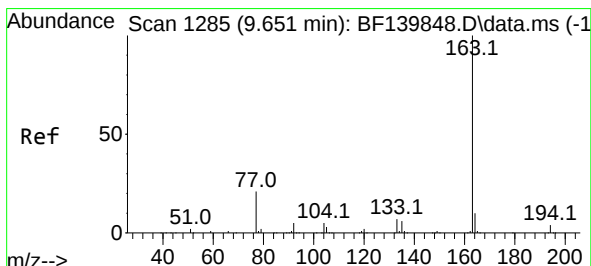
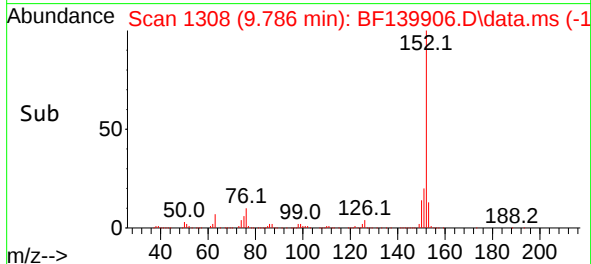
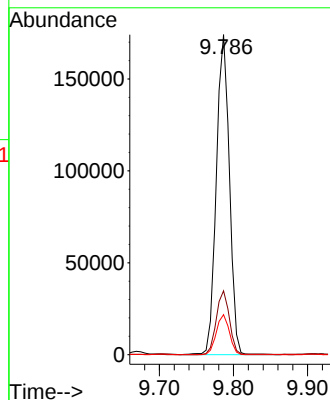
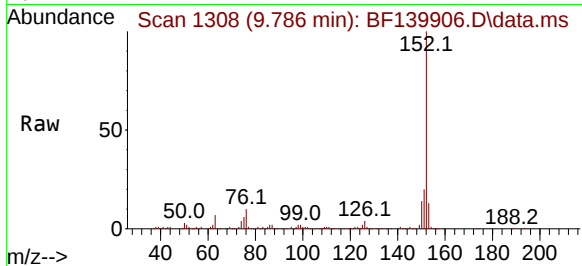
Tgt Ion:152 Resp: 212714

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 12.5 10.7 16.1



#50

Dimethylphthalate

Concen: 6.750 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

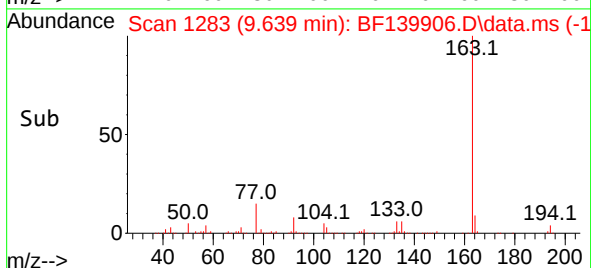
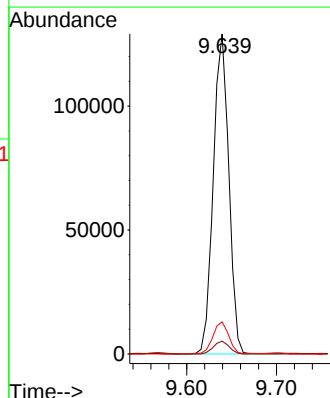
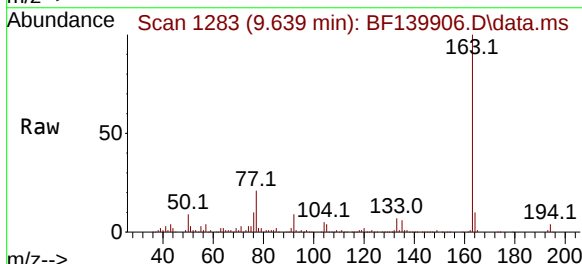
Tgt Ion:163 Resp: 155184

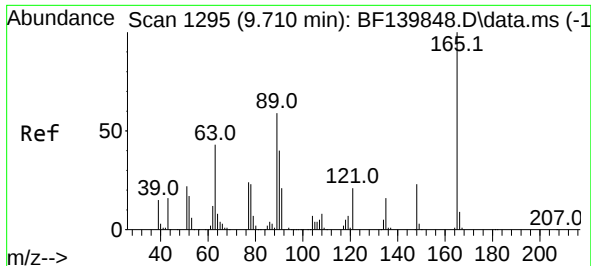
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.2 12.2

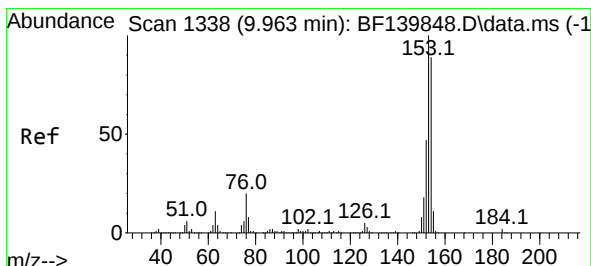
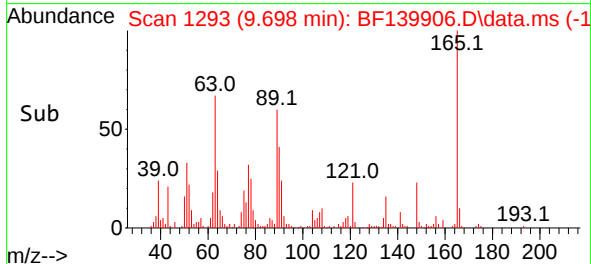
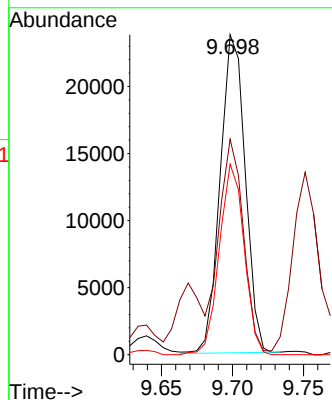
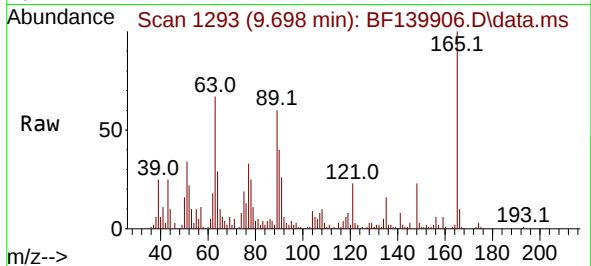




#51
2,6-Dinitrotoluene
Concen: 5.838 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

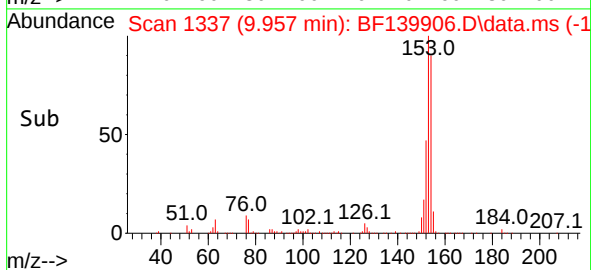
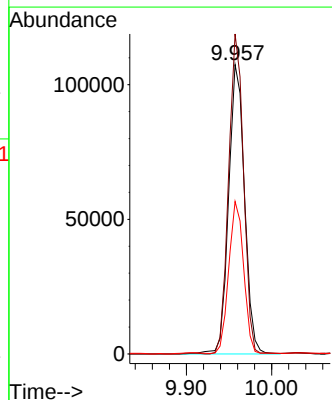
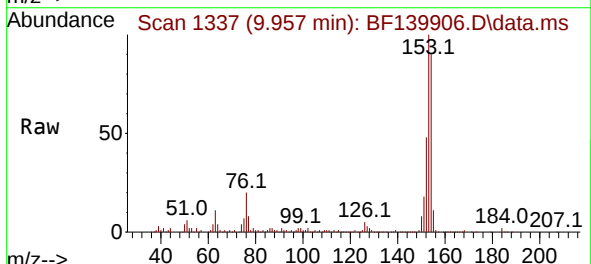
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

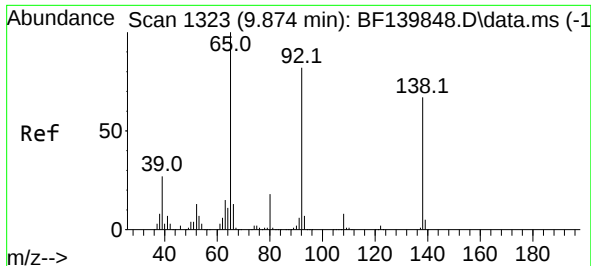
Tgt Ion:165 Resp: 29064
Ion Ratio Lower Upper
165 100
63 67.3 50.6 75.8
89 59.6 47.5 71.3



#52
Acenaphthene
Concen: 7.191 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:154 Resp: 139181
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 52.7 42.4 63.6

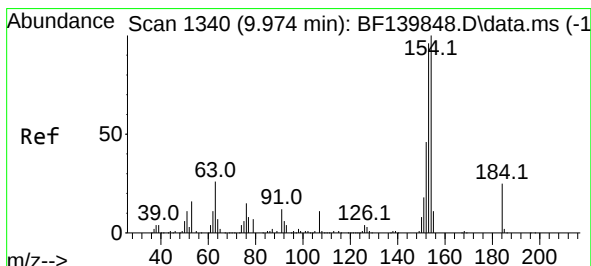
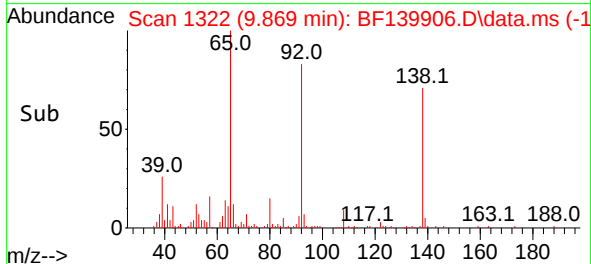
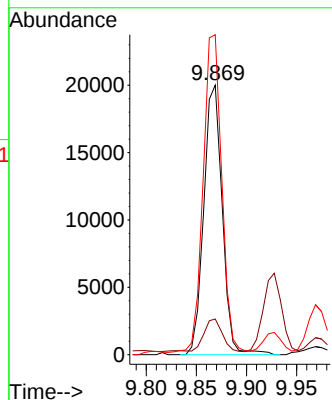
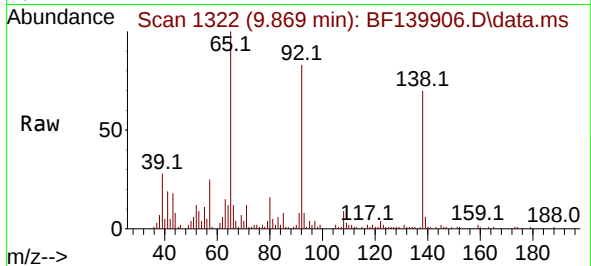




#53
3-Nitroaniline
Concen: 5.010 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

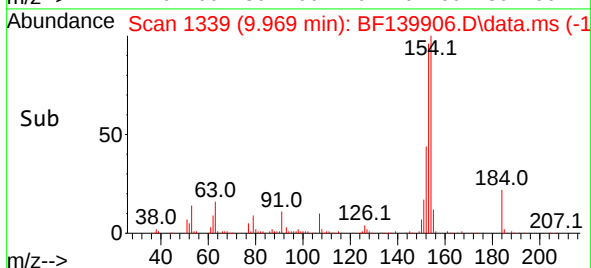
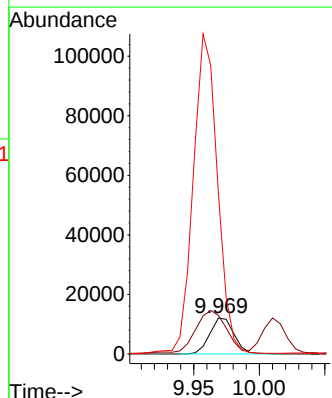
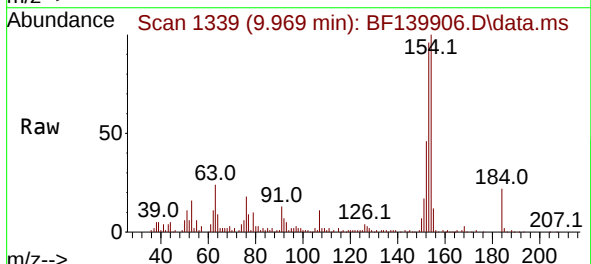
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

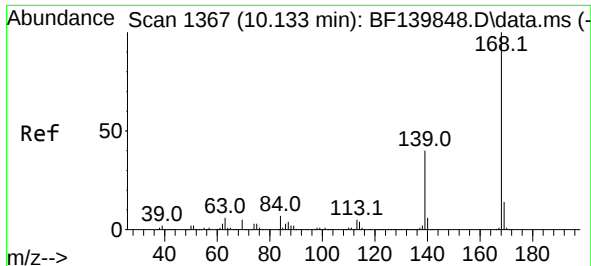
Tgt Ion:138 Resp: 25717
Ion Ratio Lower Upper
138 100
108 13.2 10.2 15.2
92 118.7 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 13.397 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.005 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:184 Resp: 15469
Ion Ratio Lower Upper
184 100
63 108.0 84.7 127.1
154 447.3 338.2 507.2

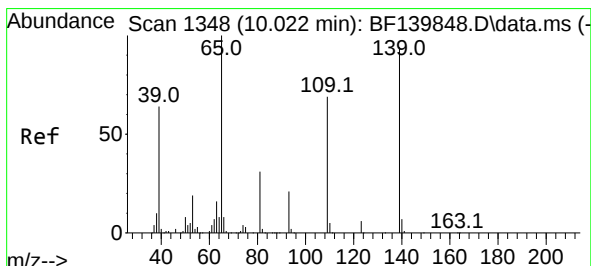
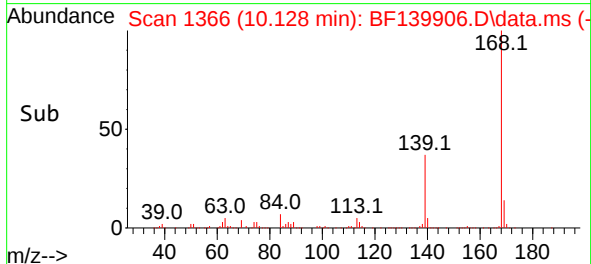
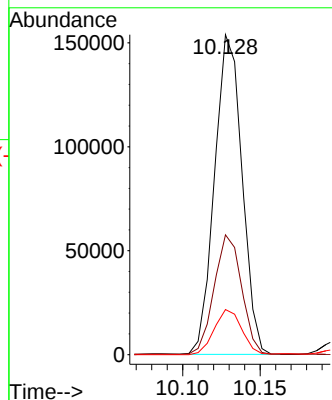
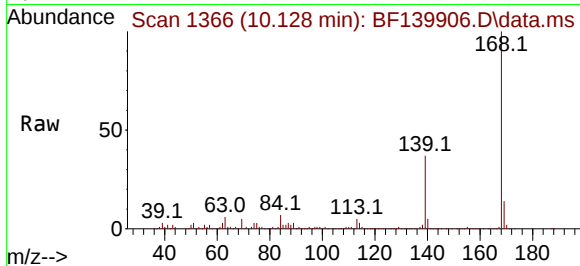




#55
Dibenzenofuran
Concen: 6.819 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

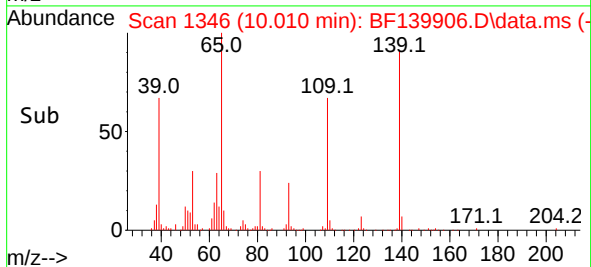
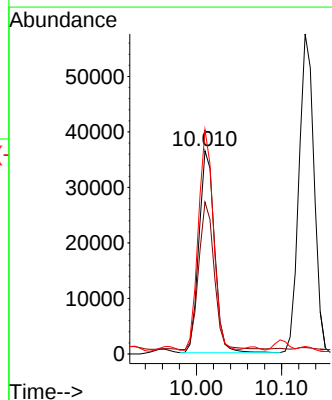
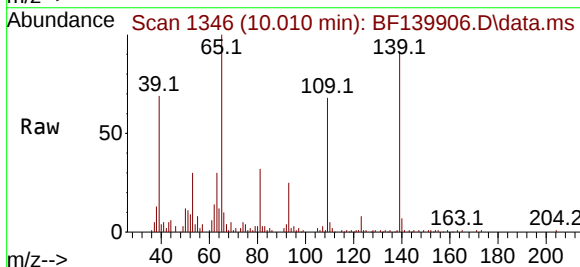
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

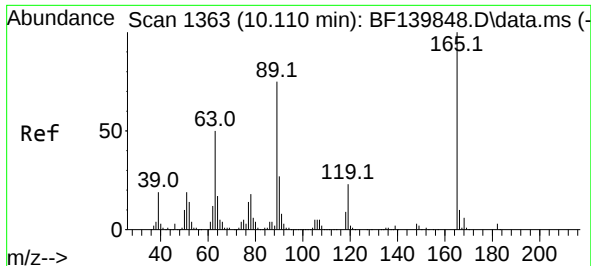
Tgt Ion:168 Resp: 189367
Ion Ratio Lower Upper
168 100
139 37.5 31.8 47.6
169 14.1 11.6 17.4



#56
4-Nitrophenol
Concen: 11.663 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:139 Resp: 46063
Ion Ratio Lower Upper
139 100
109 74.7 53.6 93.6
65 110.4 87.8 127.8

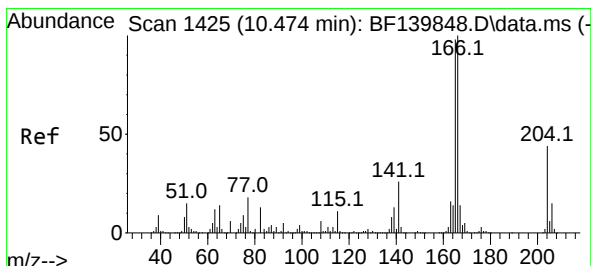
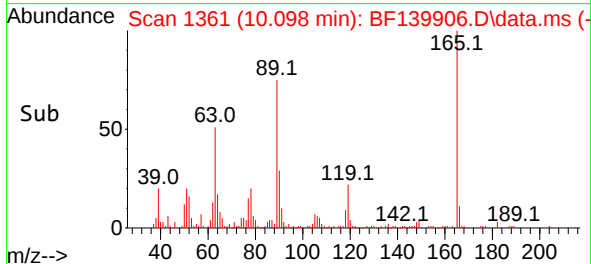
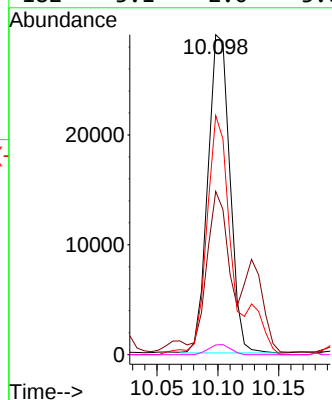
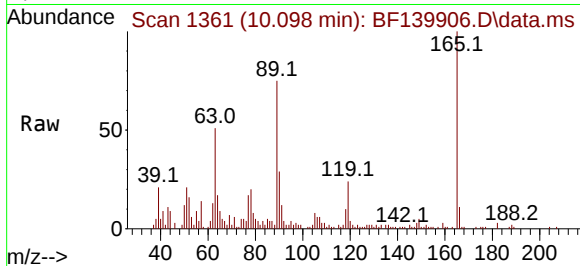




#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

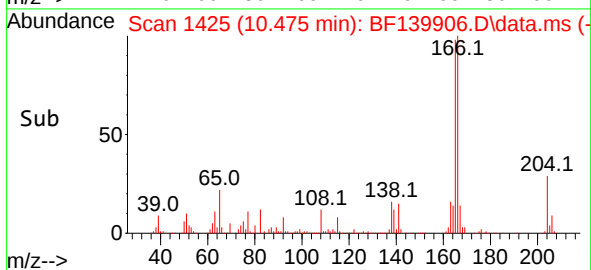
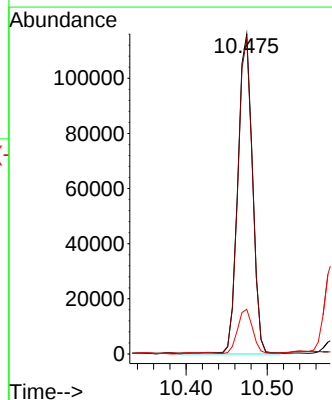
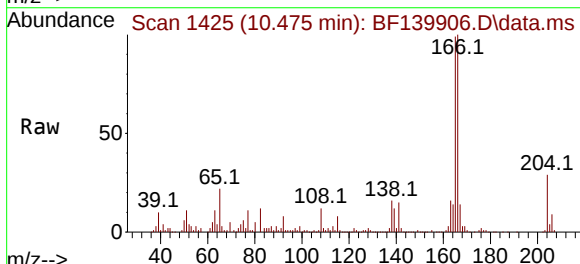
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

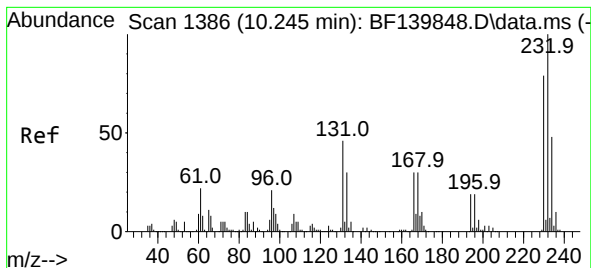
Tgt Ion:165 Resp: 36479
Ion Ratio Lower Upper
165 100
63 51.0 40.1 60.1
89 74.7 60.4 90.6
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 6.844 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:166 Resp: 144754
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 14.0 10.9 16.3



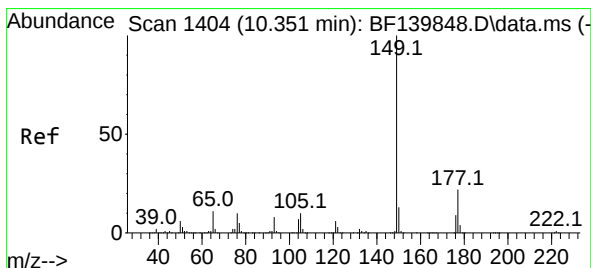
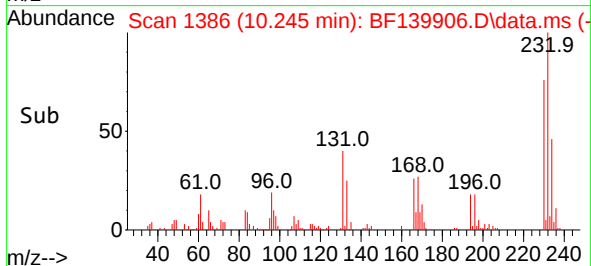
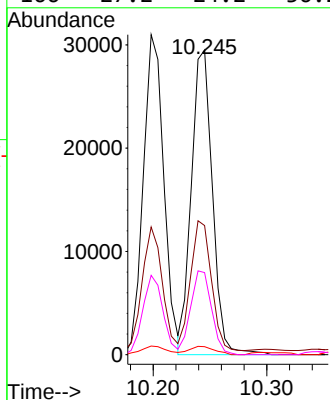
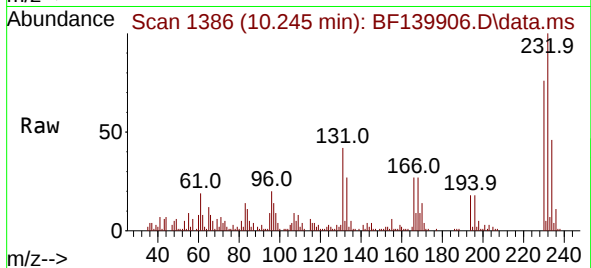


#59
2,3,4,6-Tetrachlorophenol
Concen: 6.685 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:232 Resp: 38117

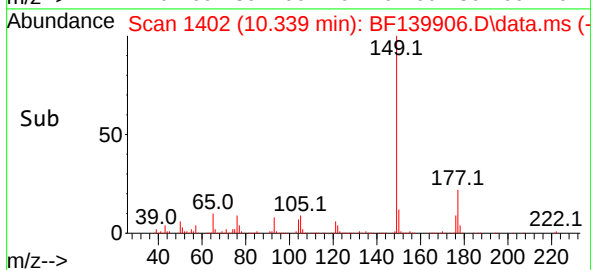
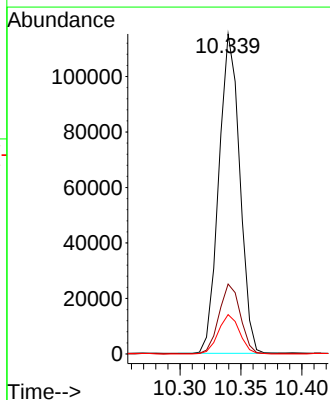
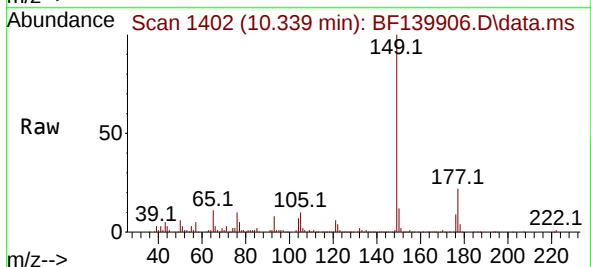
Ion	Ratio	Lower	Upper
232	100		
131	41.8	37.0	55.6
130	3.3	1.9	2.9
166	27.2	24.2	36.2

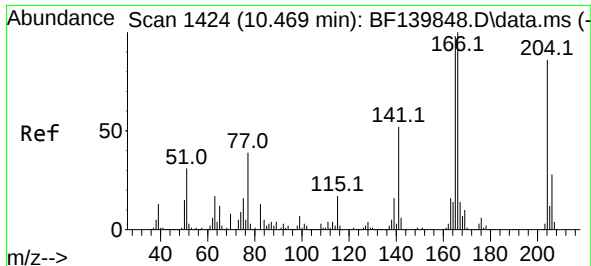


#60
Diethylphthalate
Concen: 6.106 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:149 Resp: 137838

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.9	26.9
150	12.3	10.1	15.1

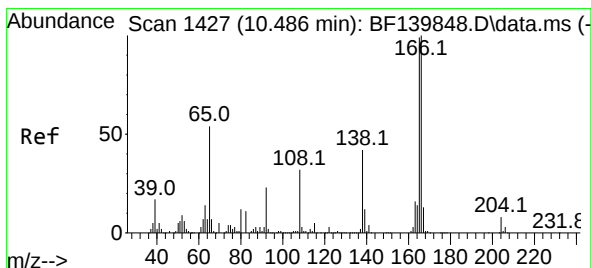
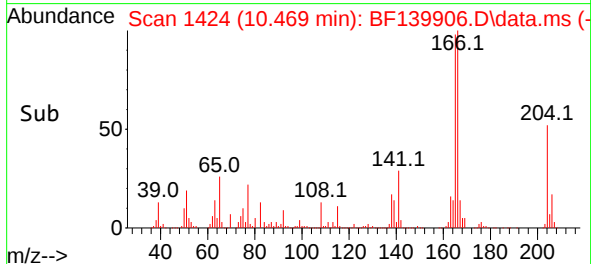
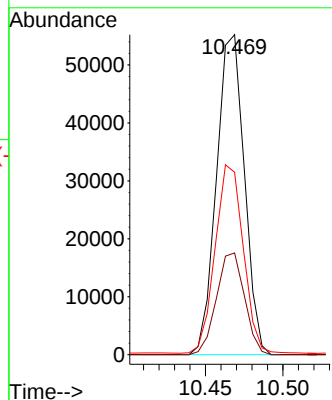
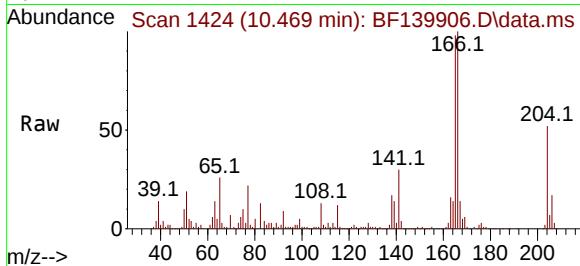




#61
4-Chlorophenyl-phenylether
Concen: 6.468 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

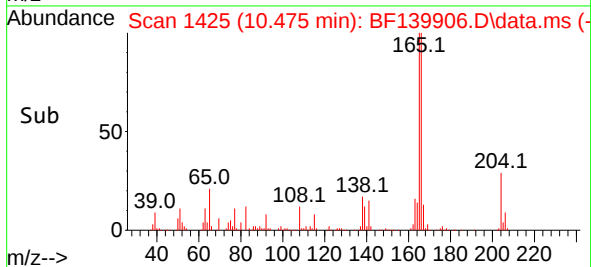
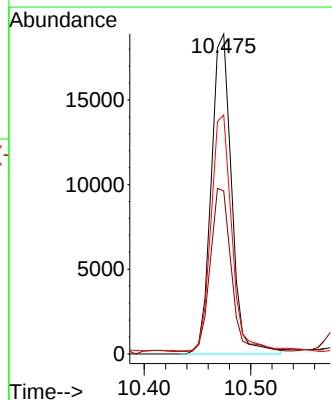
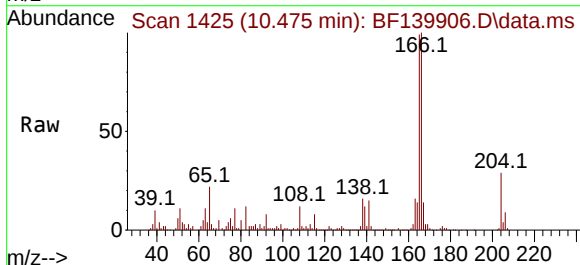
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

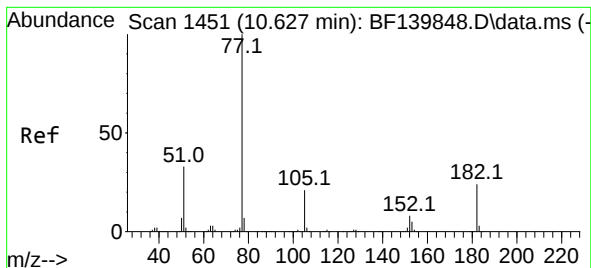
Tgt Ion:204 Resp: 69086
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 57.0 48.6 73.0



#62
4-Nitroaniline
Concen: 5.166 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:138 Resp: 25045
Ion Ratio Lower Upper
138 100
92 50.9 35.7 75.7
108 74.7 57.5 97.5





#63

Azobenzene

Concen: 6.222 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

Tgt Ion: 77 Resp: 148901

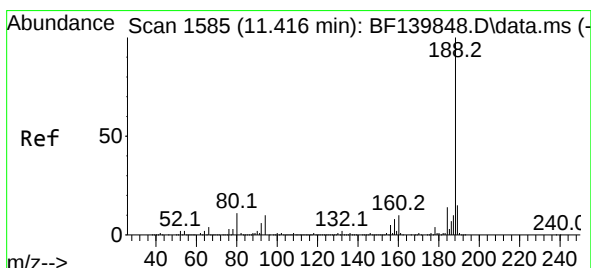
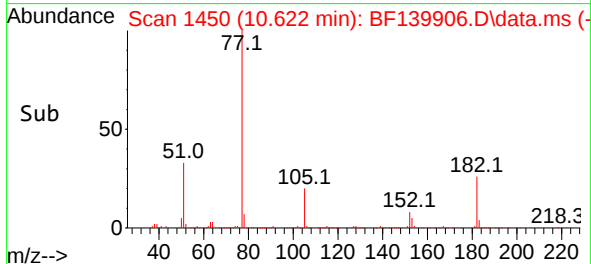
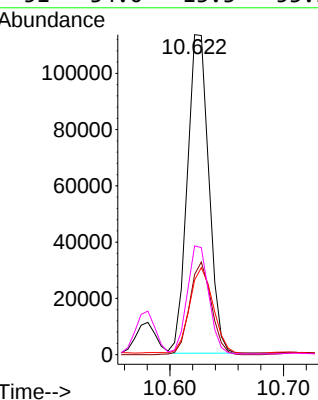
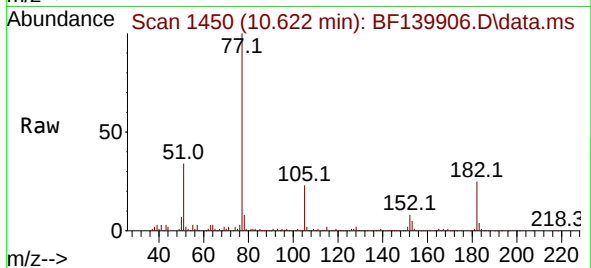
Ion Ratio Lower Upper

77 100

182 25.1 3.3 43.3

105 23.4 1.2 41.2

51 34.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

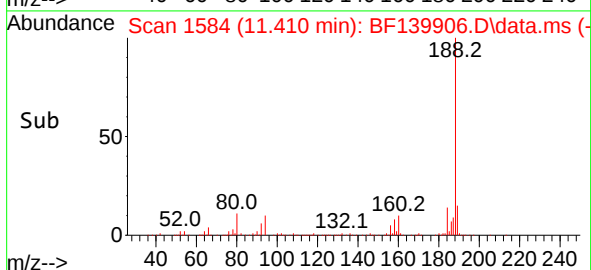
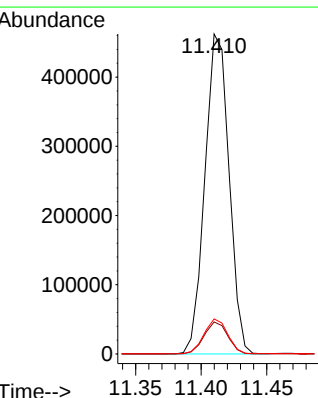
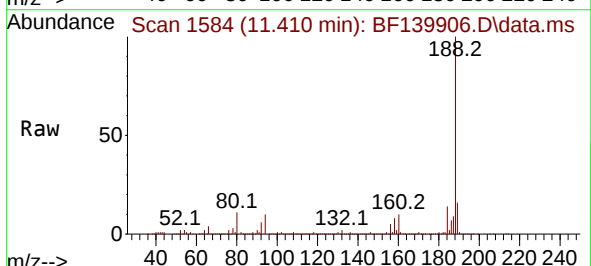
Tgt Ion:188 Resp: 591109

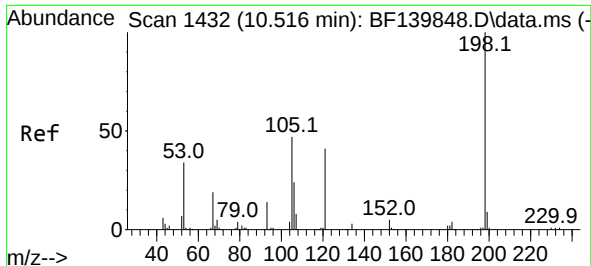
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.0 9.0 13.4

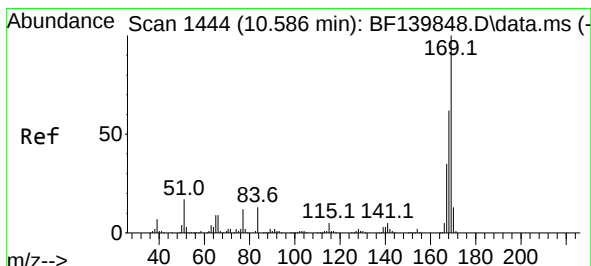
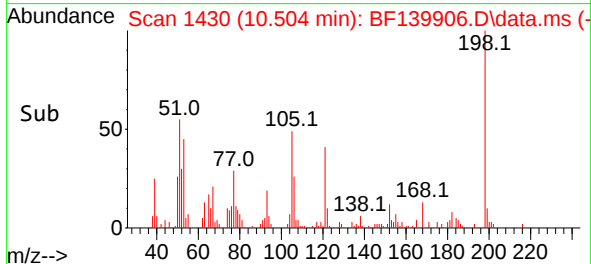
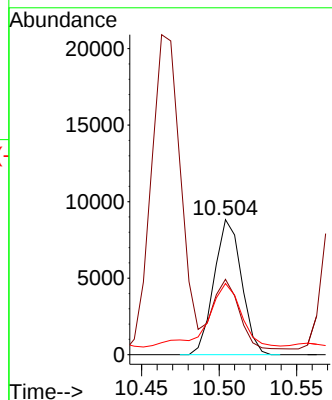
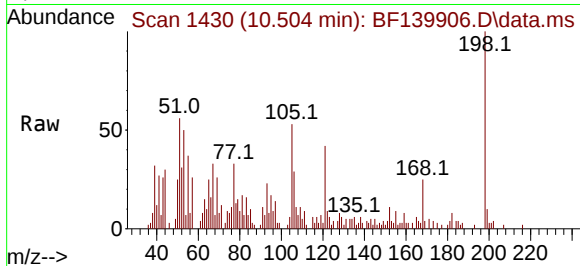




#65
4,6-Dinitro-2-methylphenol
Concen: 4.506 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

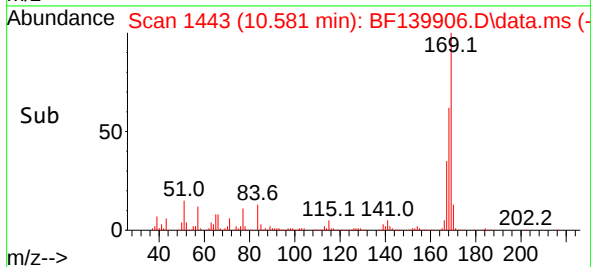
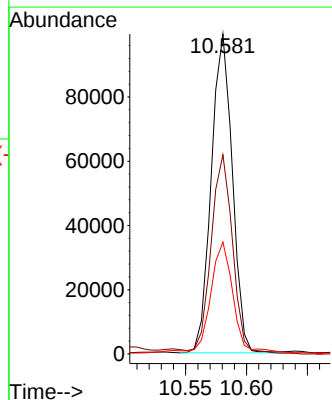
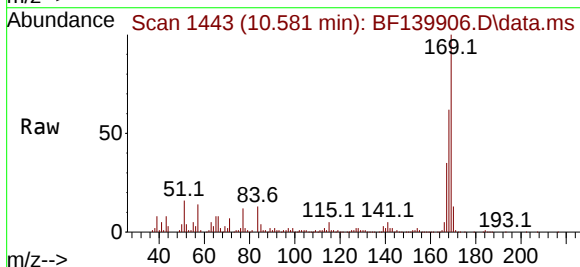
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

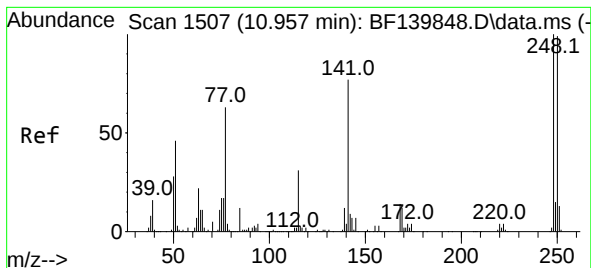
Tgt Ion:198 Resp: 10864
Ion Ratio Lower Upper
198 100
51 55.9 38.2 78.2
105 52.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 6.769 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:169 Resp: 119751
Ion Ratio Lower Upper
169 100
168 62.2 49.8 74.6
167 34.9 28.0 42.0

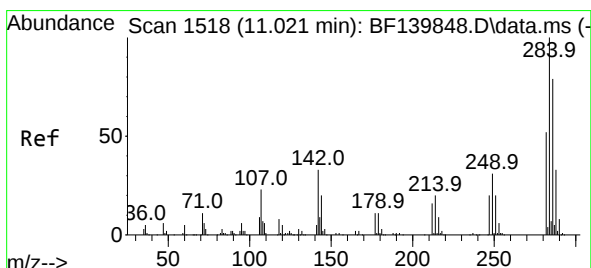
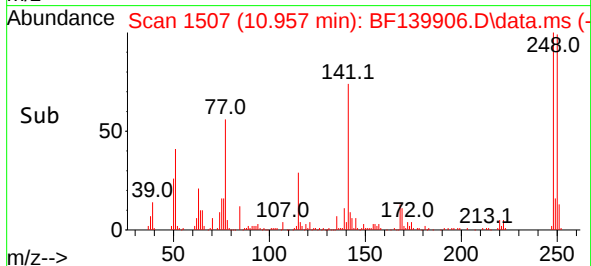
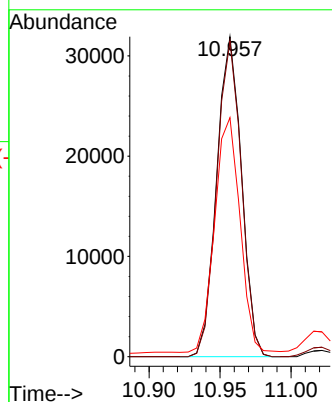
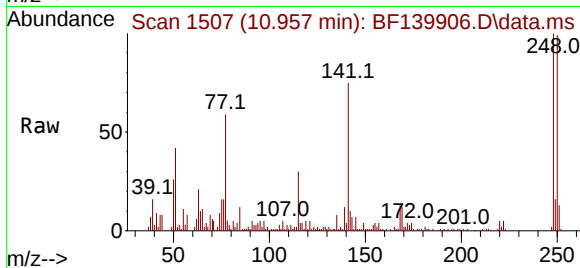




#67
4-Bromophenyl-phenylether
Concen: 6.369 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

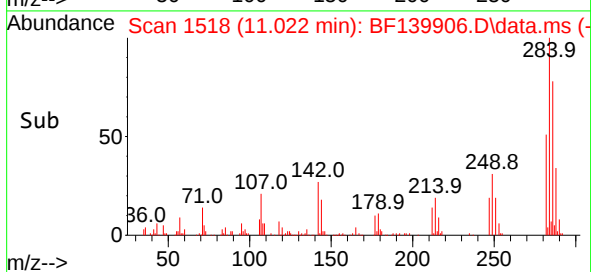
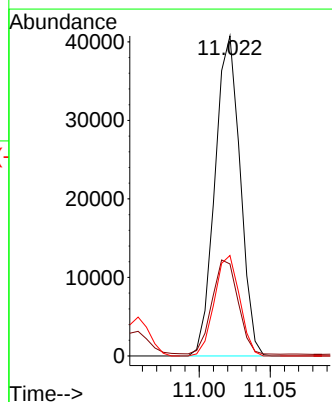
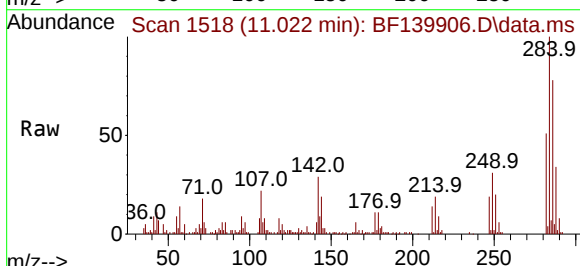
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:248 Resp: 38782
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.6
141 74.7 61.7 92.5



#68
Hexachlorobenzene
Concen: 7.346 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:284 Resp: 50309
Ion Ratio Lower Upper
284 100
142 28.7 26.9 40.3
249 31.4 25.3 37.9





#69

Atrazine

Concen: 7.959 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

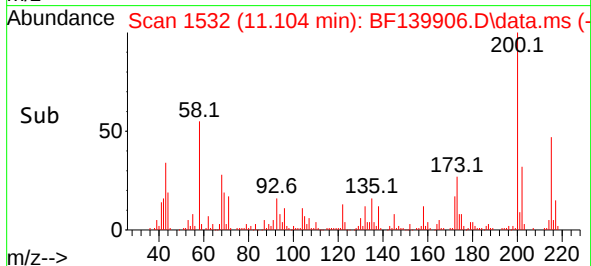
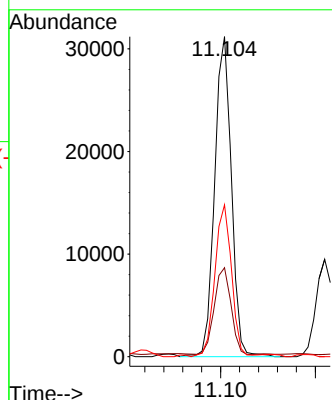
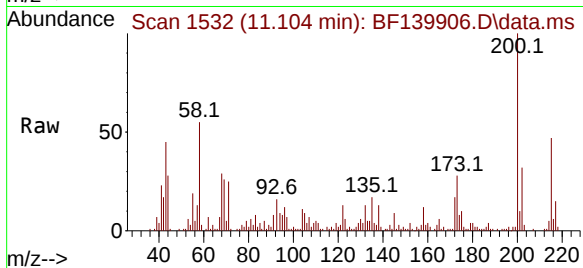
Tgt Ion:200 Resp: 38142

Ion Ratio Lower Upper

200 100

173 27.8 7.7 47.7

215 47.4 27.7 67.7



#70

Pentachlorophenol

Concen: 15.285 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

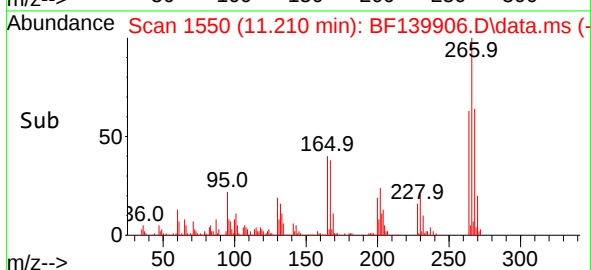
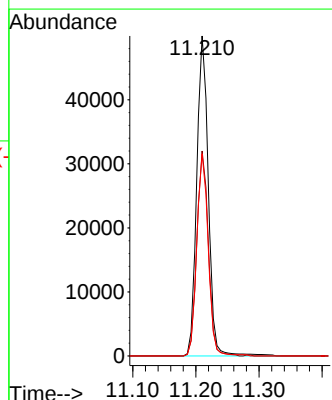
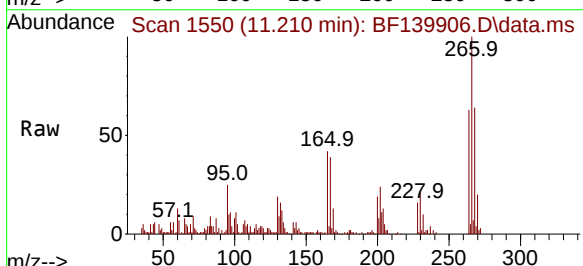
Tgt Ion:266 Resp: 63532

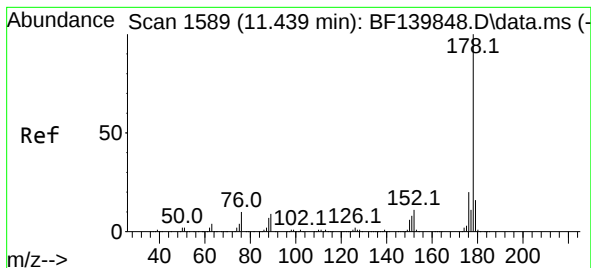
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 63.2 50.6 75.8





#71

Phenanthrene

Concen: 8.203 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

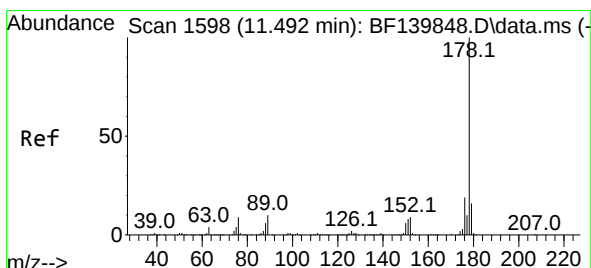
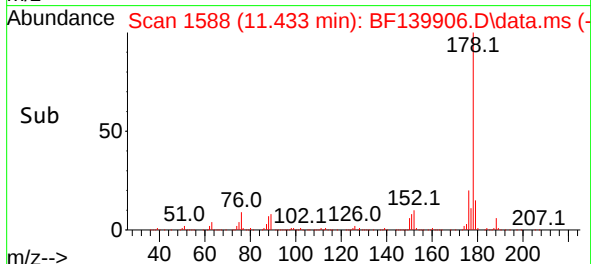
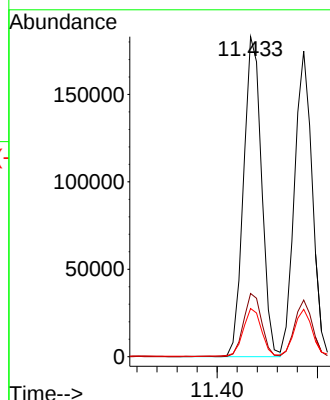
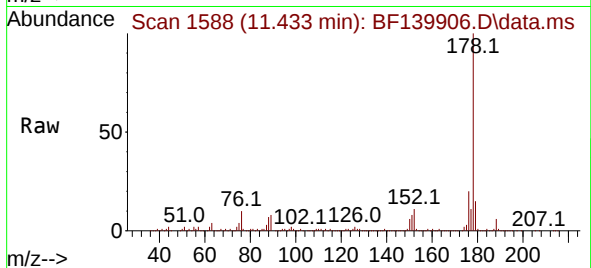
Tgt Ion:178 Resp: 229028

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.1 12.6 18.8



#72

Anthracene

Concen: 7.820 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

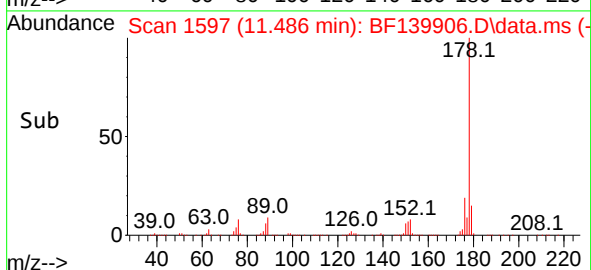
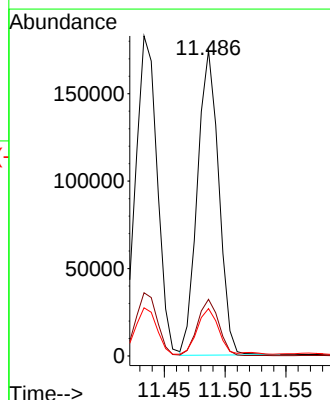
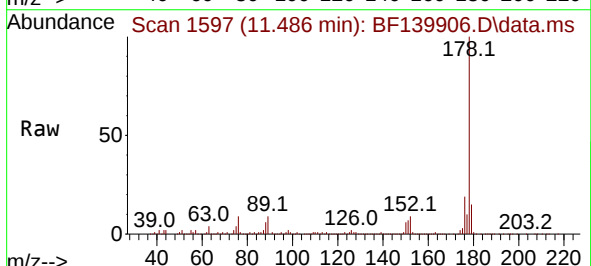
Tgt Ion:178 Resp: 213036

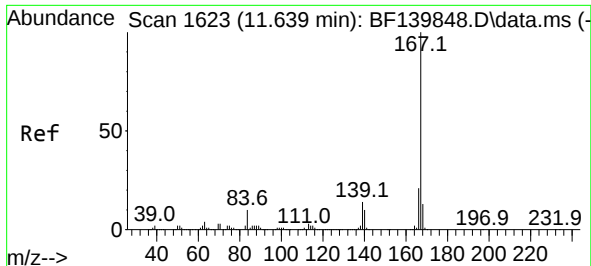
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.5 12.4 18.6

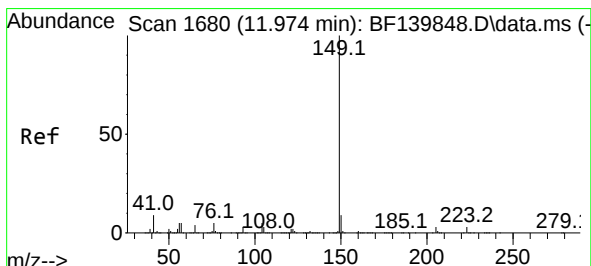
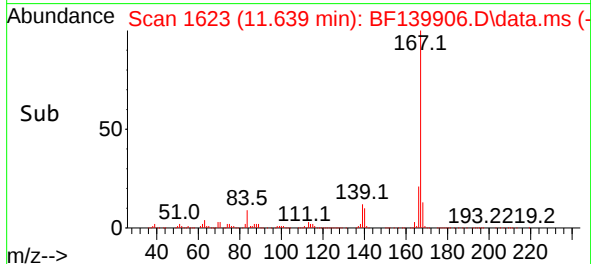
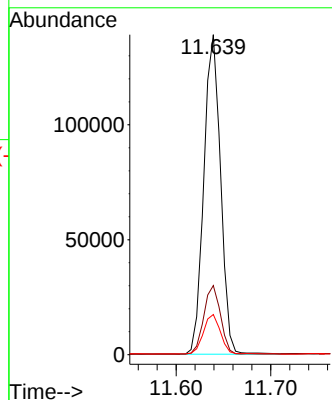
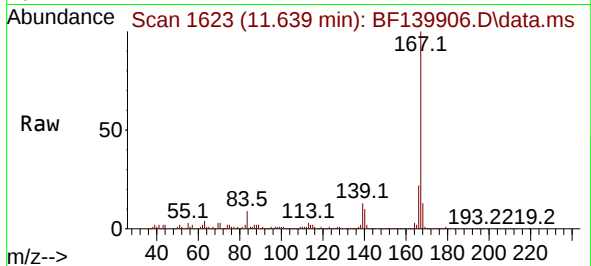




#73
 Carbazole
 Concen: 6.744 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

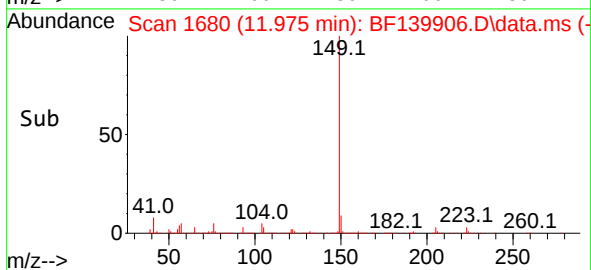
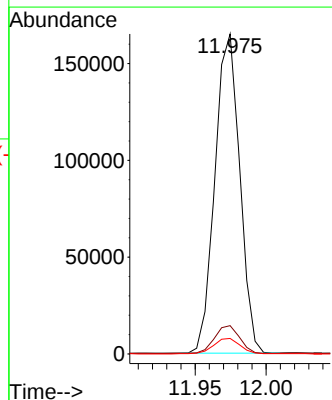
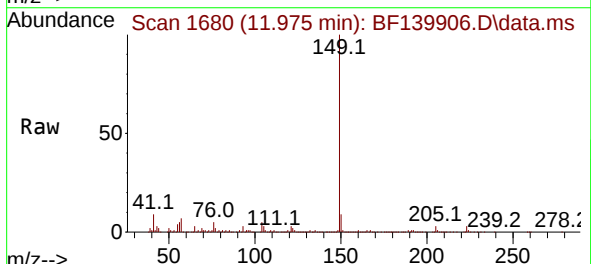
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MS

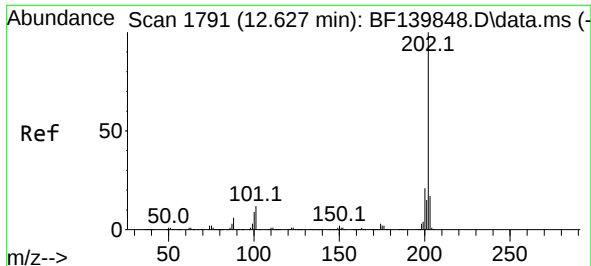
Tgt Ion:167 Resp: 170858
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 6.834 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

Tgt Ion:149 Resp: 200037
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.9 4.1 6.1

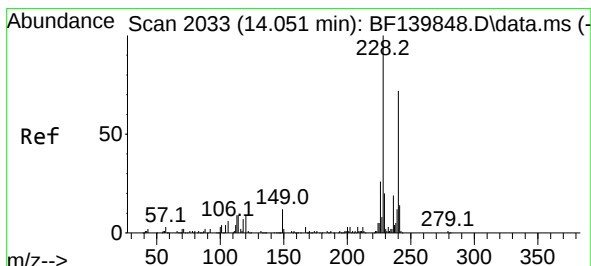
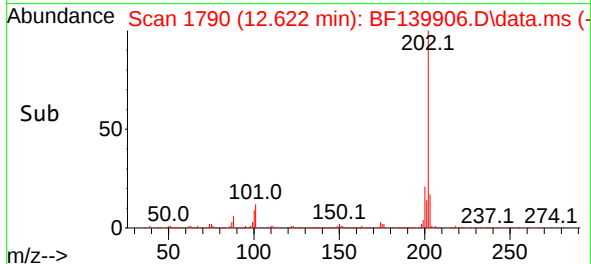
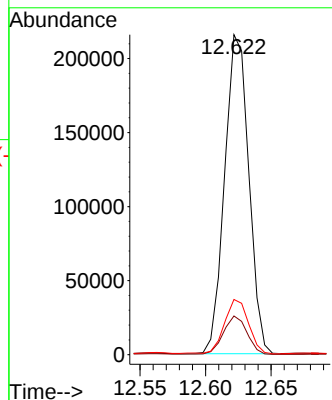
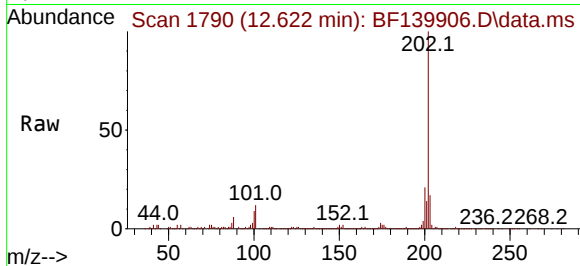




#75
Fluoranthene
Concen: 9.777 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

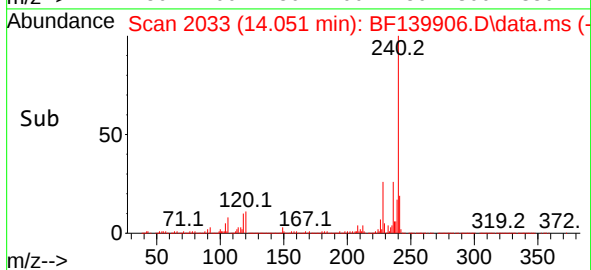
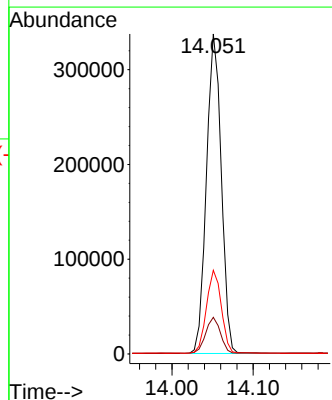
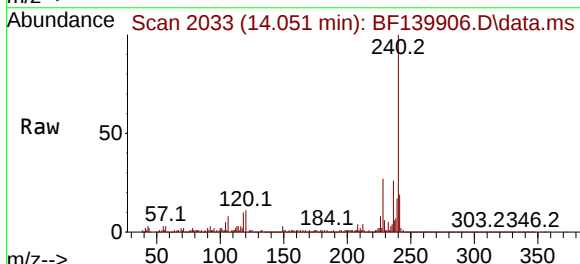
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

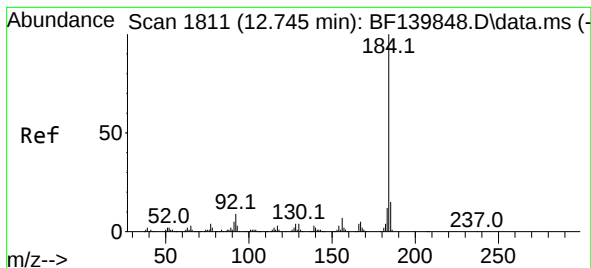
Tgt Ion:202 Resp: 275969
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:240 Resp: 427241
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 3.681 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

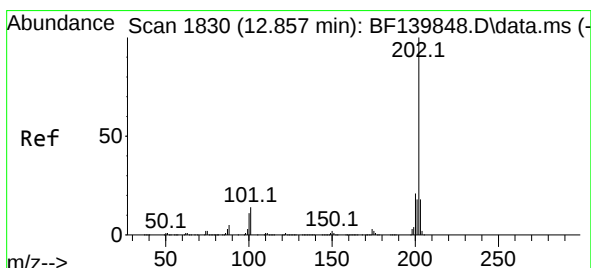
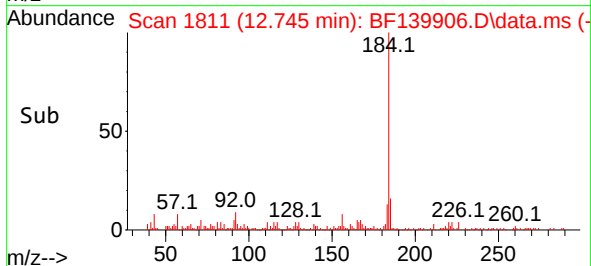
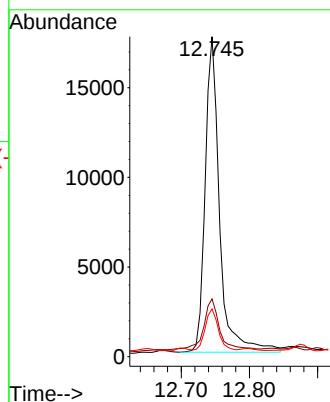
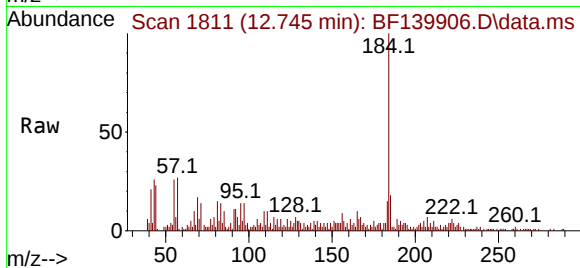
Tgt Ion:184 Resp: 25861

Ion Ratio Lower Upper

184 100

185 18.0 12.0 18.0#

183 14.9 9.4 14.2#



#78

Pyrene

Concen: 8.548 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

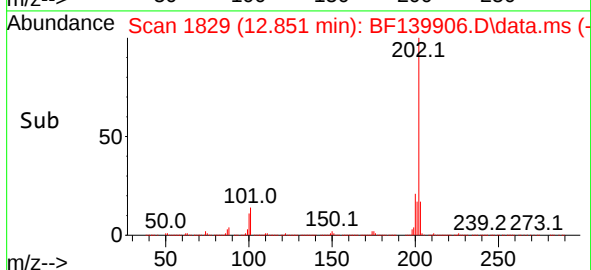
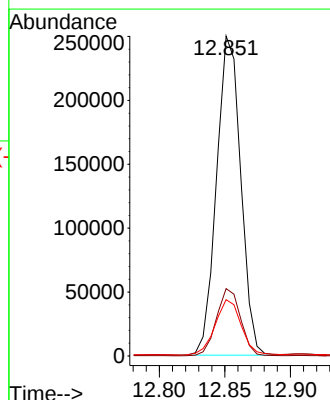
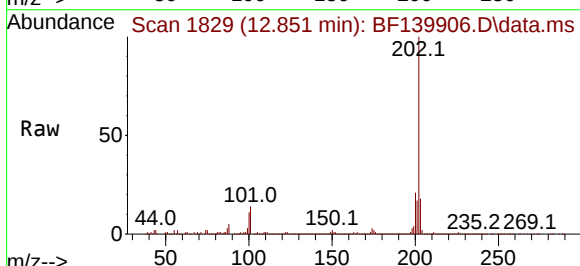
Tgt Ion:202 Resp: 319658

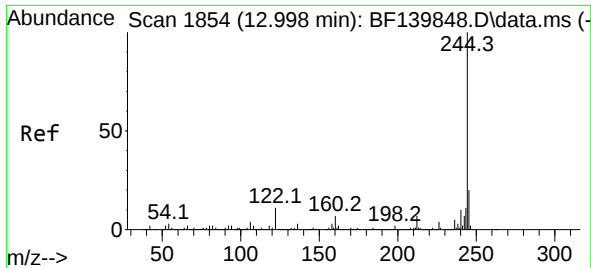
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.6 14.2 21.4

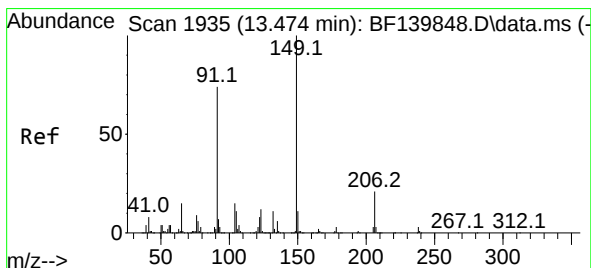
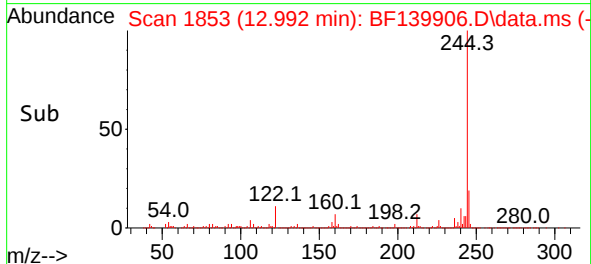
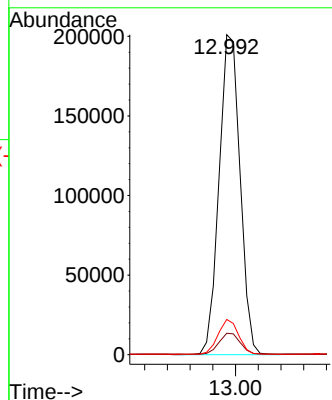
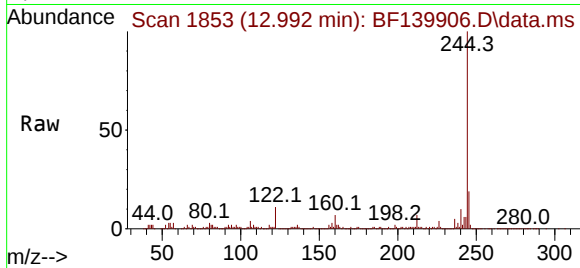




#79
 Terphenyl-d14
 Concen: 9.865 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

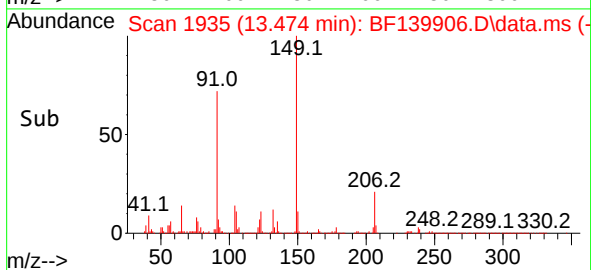
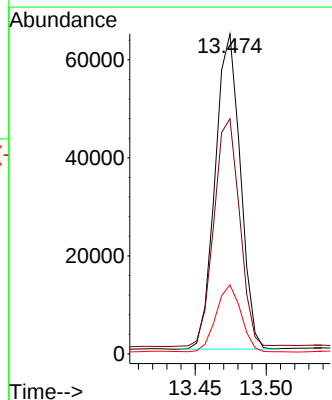
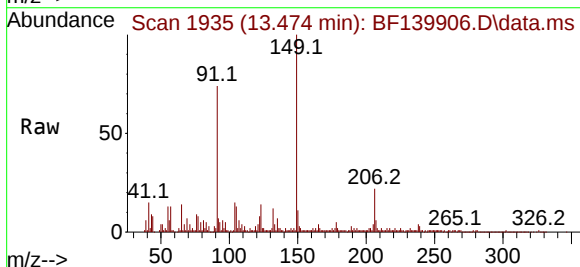
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MS

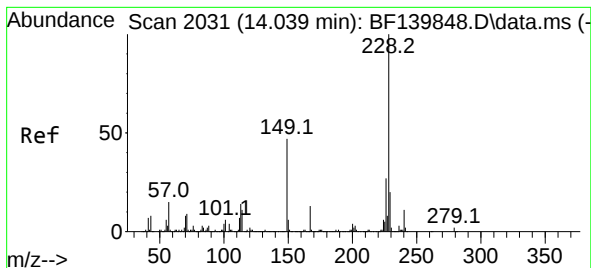
Tgt Ion:244 Resp: 258665
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 7.080 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

Tgt Ion:149 Resp: 79384
 Ion Ratio Lower Upper
 149 100
 91 73.5 59.4 89.2
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 7.788 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

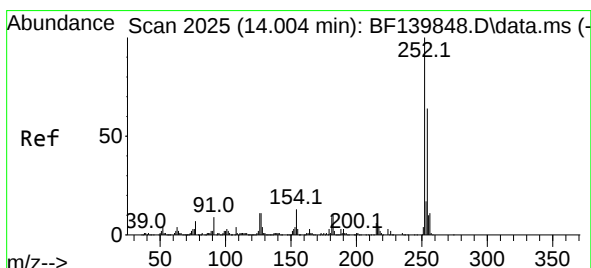
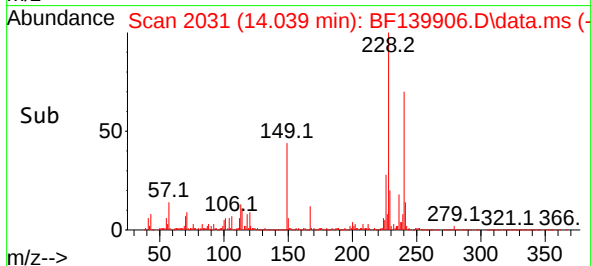
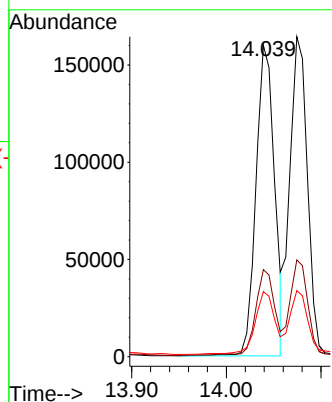
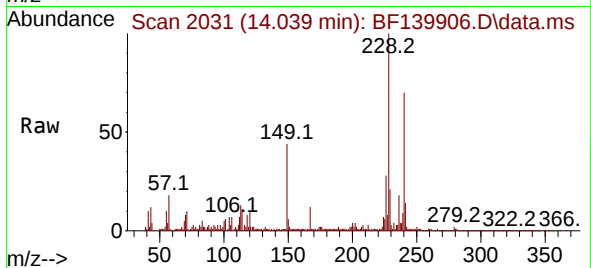
Tgt Ion:228 Resp: 216608

Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

229 20.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 4.353 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

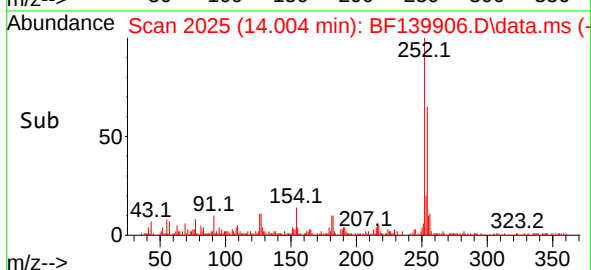
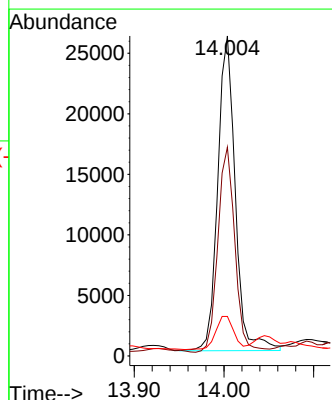
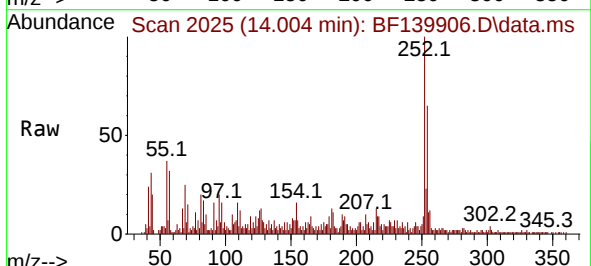
Tgt Ion:252 Resp: 35297

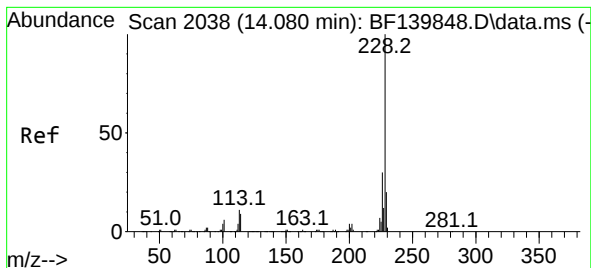
Ion Ratio Lower Upper

252 100

254 65.3 50.8 76.2

126 12.3 8.9 13.3





#83

Chrysene

Concen: 8.279 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

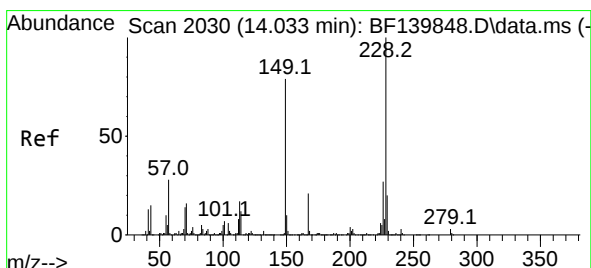
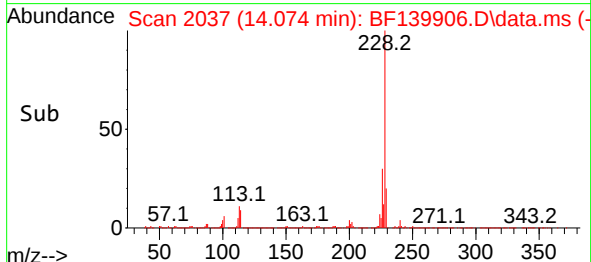
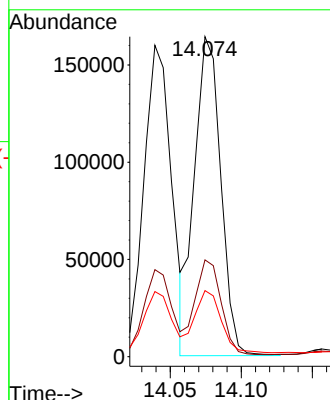
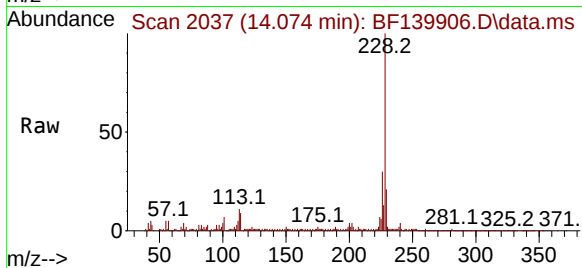
Tgt Ion:228 Resp: 211121

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.631 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

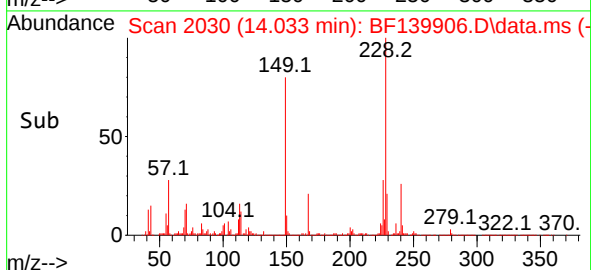
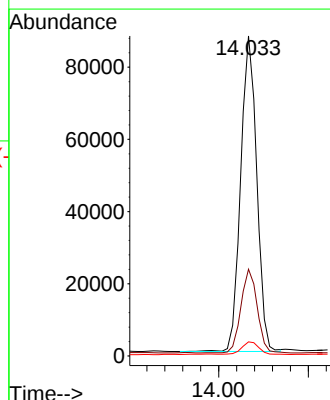
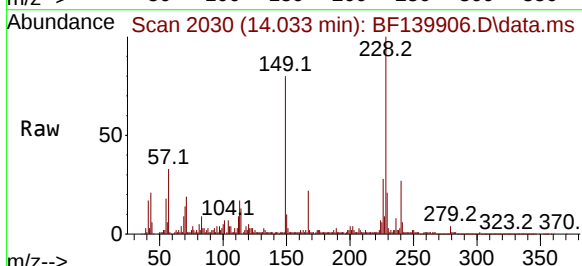
Tgt Ion:149 Resp: 108575

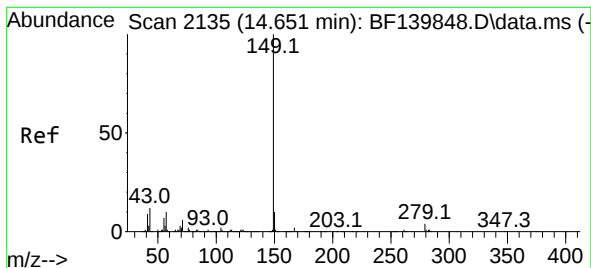
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 7.273 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

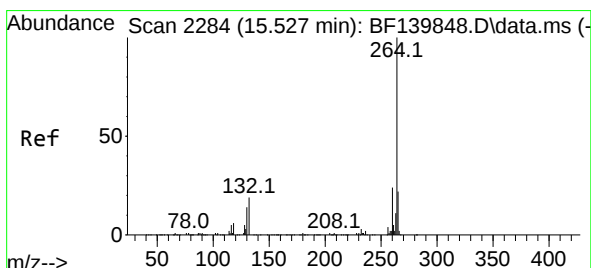
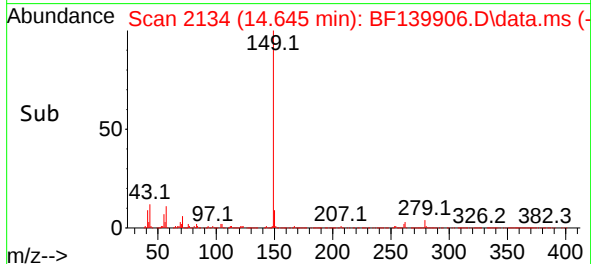
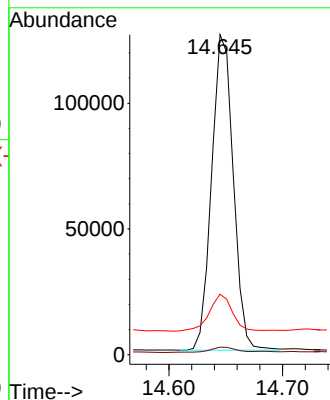
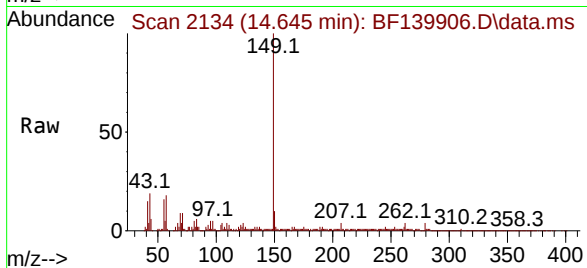
Tgt Ion:149 Resp: 166402

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

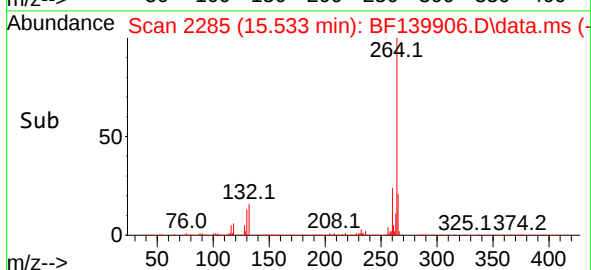
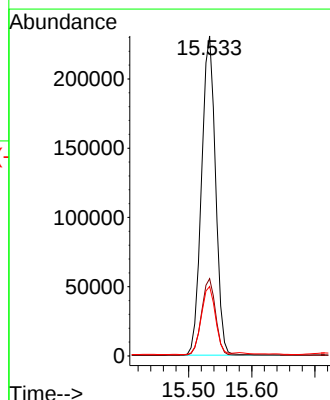
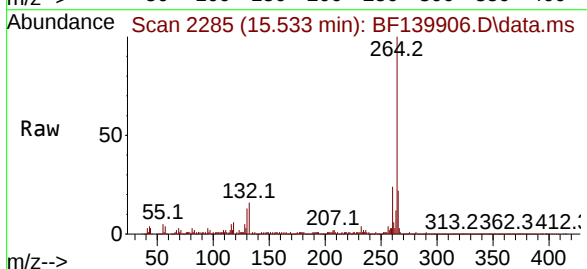
Tgt Ion:264 Resp: 354492

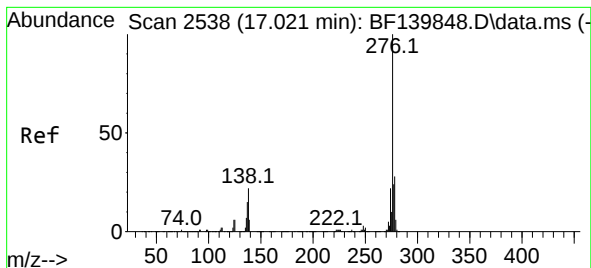
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.696 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

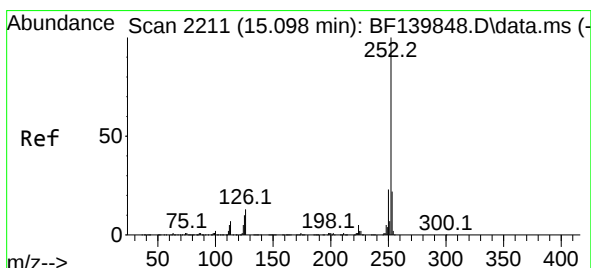
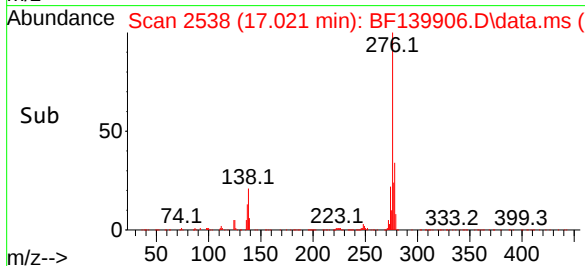
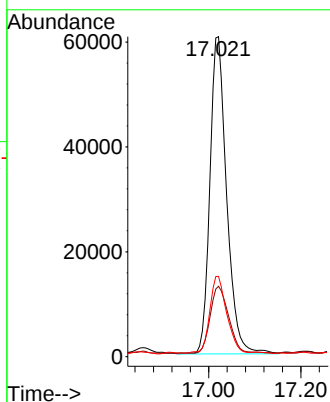
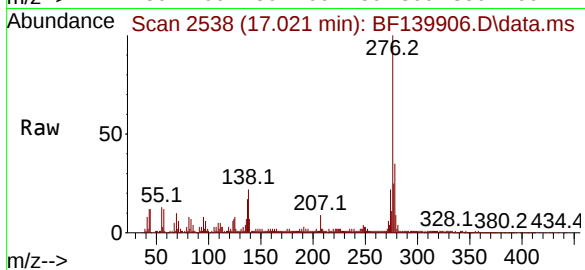
Tgt Ion:276 Resp: 152706

Ion Ratio Lower Upper

276 100

138 23.3 20.4 30.6

277 24.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 8.668 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

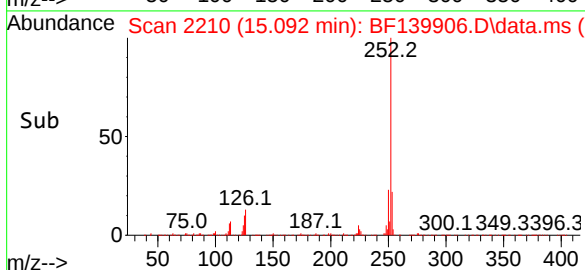
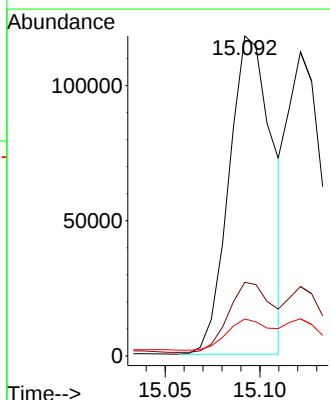
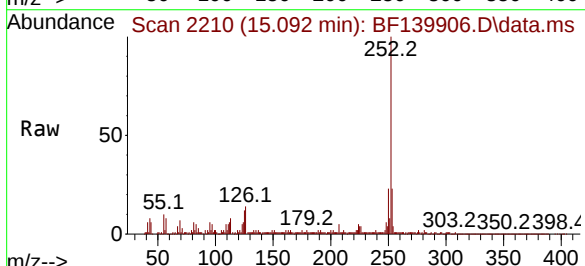
Tgt Ion:252 Resp: 187174

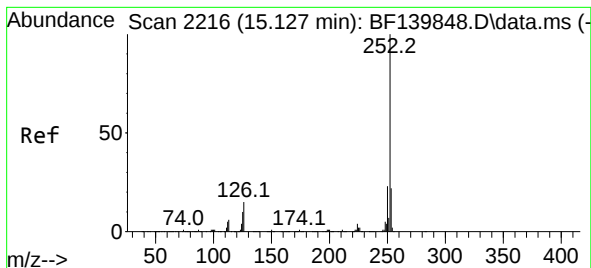
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 10.051 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

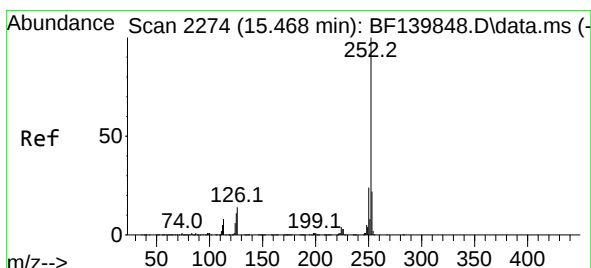
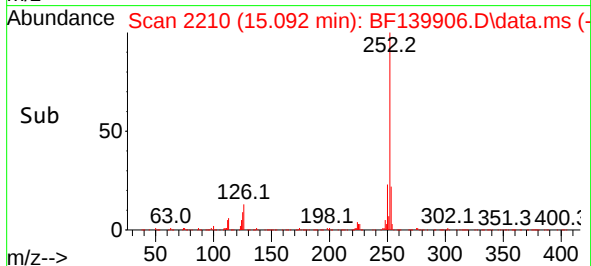
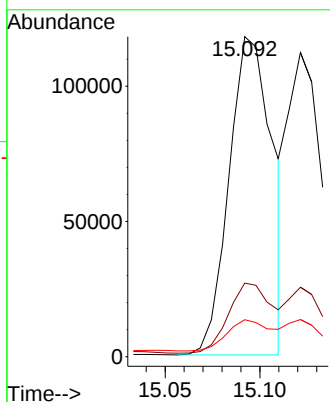
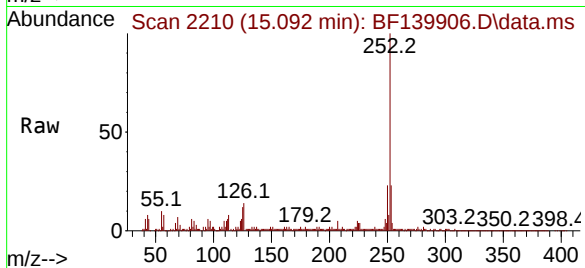
Tgt Ion:252 Resp: 187174

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 8.807 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

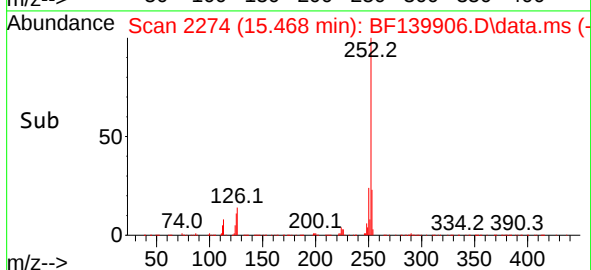
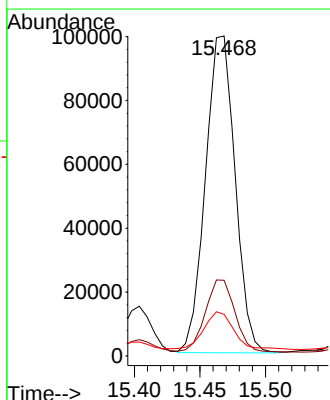
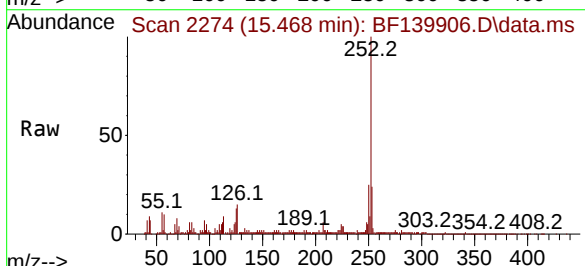
Tgt Ion:252 Resp: 156486

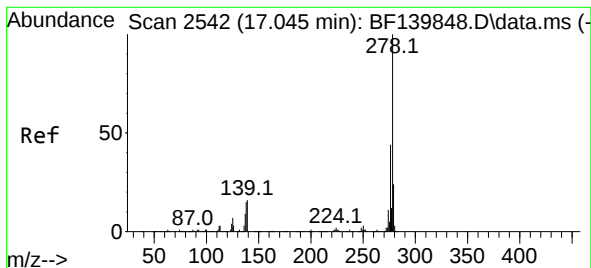
Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 13.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 5.992 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

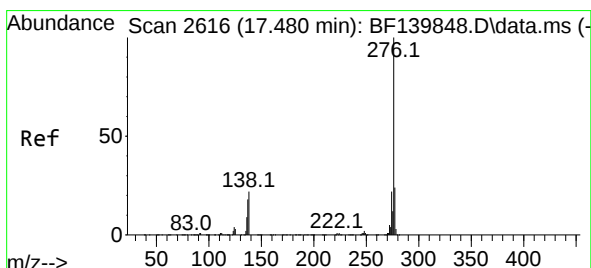
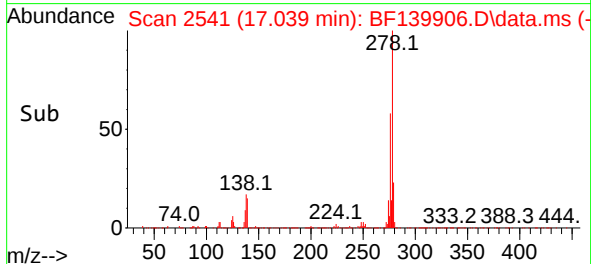
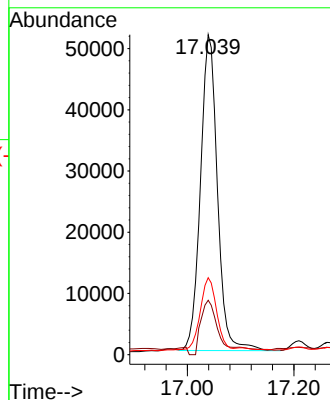
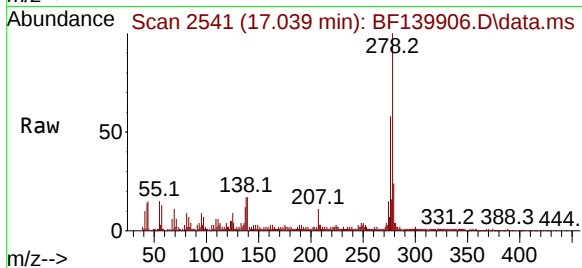
Tgt Ion:278 Resp: 114000

Ion Ratio Lower Upper

278 100

139 17.0 13.1 19.7

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 6.496 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:276 Resp: 123451

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 20.8 17.4 26.0

