

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139999.D
 Acq On : 24 Oct 2024 14:19
 Operator : RC/JU
 Sample : PB164338BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164338BS

Quant Time: Oct 24 14:49:38 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	154233	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	594411	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	330386	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	577654	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290000	20.000	ng	0.00
86) Perylene-d12	15.533	264	306030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1200965	121.900	ng	0.02
7) Phenol-d6	6.516	99	1526139	119.603	ng	0.00
23) Nitrobenzene-d5	7.451	82	994444	92.723	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	465557	150.650	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1803049	90.194	ng	0.00
79) Terphenyl-d14	12.998	244	1802591	101.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	176713	38.470	ng	94
3) Pyridine	3.528	79	467085	41.023	ng	94
4) n-Nitrosodimethylamine	3.475	42	253906	41.506	ng	95
6) Aniline	6.551	93	452739	38.071	ng	98
8) 2-Chlorophenol	6.675	128	481286	47.785	ng	97
9) Benzaldehyde	6.440	77	100193	13.958	ng	94
10) Phenol	6.528	94	599548m	45.576	ng	
11) bis(2-Chloroethyl)ether	6.628	93	461876	45.425	ng	98
12) 1,3-Dichlorobenzene	6.834	146	516389	44.664	ng	98
13) 1,4-Dichlorobenzene	6.910	146	520457	45.058	ng	99
14) 1,2-Dichlorobenzene	7.057	146	501167	46.489	ng	99
15) Benzyl Alcohol	7.028	79	437904	46.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	760616	43.871	ng	97
17) 2-Methylphenol	7.140	107	400516	46.635	ng	99
18) Hexachloroethane	7.404	117	189339	45.967	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	346800	44.812	ng	95
20) 3+4-Methylphenols	7.287	107	486831	44.318	ng	93
22) Acetophenone	7.298	105	655251	45.006	ng	98
24) Nitrobenzene	7.469	77	521078	44.314	ng	100
25) Isophorone	7.710	82	963299	47.323	ng	99
26) 2-Nitrophenol	7.787	139	250394	56.446	ng	96
27) 2,4-Dimethylphenol	7.816	122	406476	54.953	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	571293	46.323	ng	100
29) 2,4-Dichlorophenol	8.022	162	402401	47.762	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	419645	45.014	ng	99
31) Naphthalene	8.192	128	1406074	45.866	ng	100
32) Benzoic acid	7.934	122	305222	47.311	ng	96
33) 4-Chloroaniline	8.240	127	180866	17.302	ng	97
34) Hexachlorobutadiene	8.310	225	274841	46.921	ng	99
35) Caprolactam	8.610	113	128765m	48.066	ng	
36) 4-Chloro-3-methylphenol	8.716	107	433045	46.419	ng	97
37) 2-Methylnaphthalene	8.887	142	883629	47.064	ng	99
38) 1-Methylnaphthalene	8.987	142	823647	44.714	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	417217	46.808	ng	99
41) Hexachlorocyclopentadiene	9.039	237	552816	178.247	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	311214	49.317	ng	99

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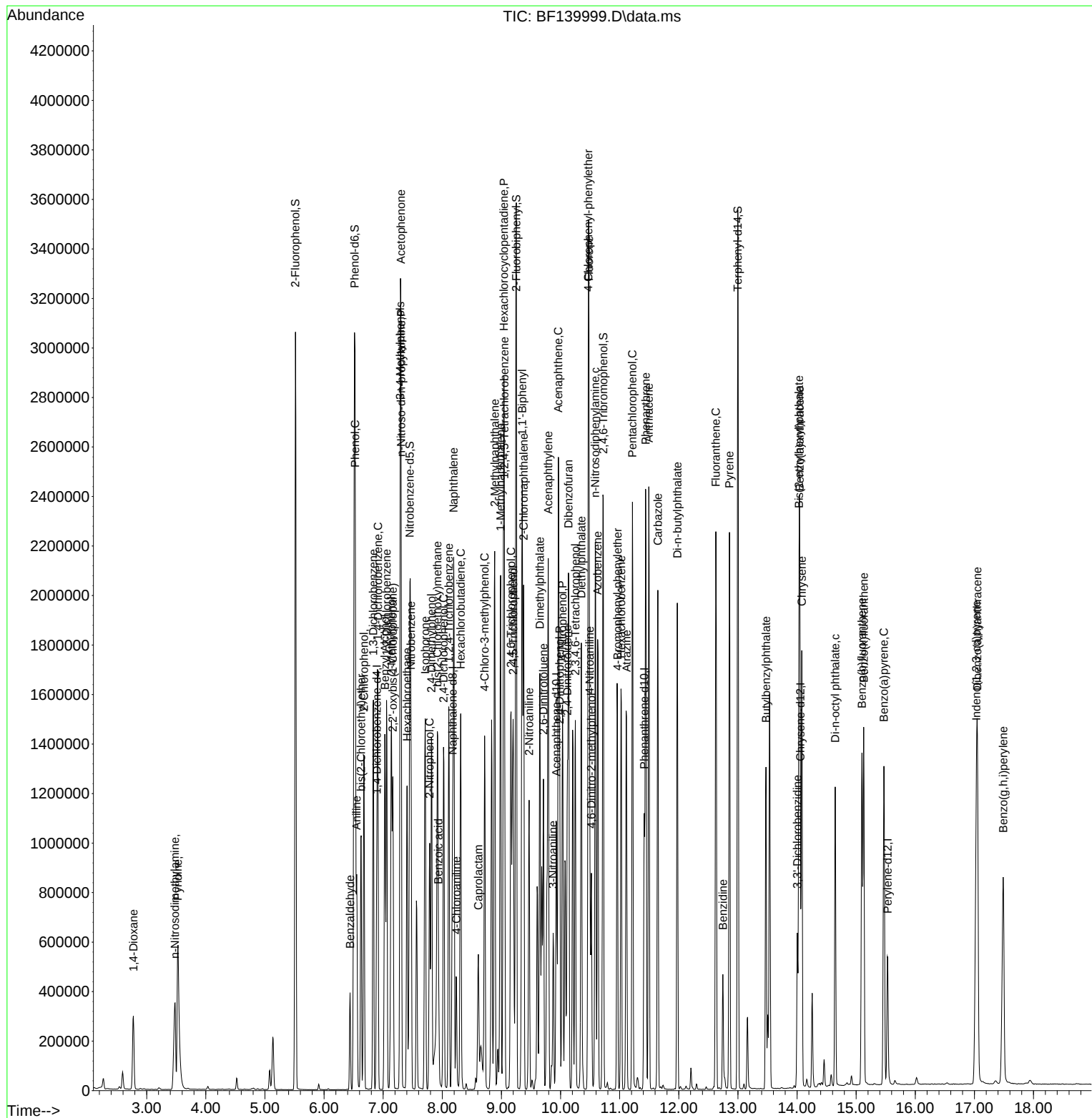
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	315691	48.488	ng	99
46) 1,1'-Biphenyl	9.351	154	1060375	46.104	ng	99
47) 2-Chloronaphthalene	9.375	162	847633	45.758	ng	99
48) 2-Nitroaniline	9.469	65	288942	51.000	ng	92
49) Acenaphthylene	9.792	152	1315457	49.120	ng	99
50) Dimethylphthalate	9.651	163	992418	48.225	ng	100
51) 2,6-Dinitrotoluene	9.710	165	221606	49.734	ng	96
52) Acenaphthene	9.963	154	914726	52.800	ng	100
53) 3-Nitroaniline	9.875	138	133341	29.019	ng	95
54) 2,4-Dinitrophenol	9.986	184	239613	125.397	ng	# 1
55) Dibenzofuran	10.134	168	1172099	47.155	ng	99
56) 4-Nitrophenol	10.034	139	357492	101.124	ng	99
57) 2,4-Dinitrotoluene	10.116	165	295502	53.929	ng	96
58) Fluorene	10.481	166	876917	46.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	261872	51.308	ng	96
60) Diethylphthalate	10.351	149	956022	47.315	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	451598	47.235	ng	98
62) 4-Nitroaniline	10.492	138	212439	48.951	ng	97
63) Azobenzene	10.628	77	978683	45.688	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	163067	69.207	ng	90
66) n-Nitrosodiphenylamine	10.586	169	826574	47.809	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	292991	49.235	ng	93
68) Hexachlorobenzene	11.028	284	325261	48.599	ng	95
69) Atrazine	11.116	200	269481	57.540	ng	99
70) Pentachlorophenol	11.216	266	401213	98.775	ng	100
71) Phenanthrene	11.439	178	1303002	47.754	ng	100
72) Anthracene	11.492	178	1315899	49.428	ng	99
73) Carbazole	11.645	167	1126467	45.496	ng	99
74) Di-n-butylphthalate	11.975	149	1364728	47.709	ng	100
75) Fluoranthene	12.627	202	1272889	46.146	ng	99
77) Benzidine	12.745	184	255961	53.677	ng	99
78) Pyrene	12.857	202	1268575	49.974	ng	100
80) Butylbenzylphthalate	13.474	149	413031	54.272	ng	97
81) Benzo(a)anthracene	14.045	228	932259	49.383	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	186417	33.868	ng	98
83) Chrysene	14.080	228	847620	48.970	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	462032	54.112	ng	# 99
85) Di-n-octyl phthalate	14.645	149	775889	49.959	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1083118	55.015	ng	98
88) Benzo(b)fluoranthene	15.098	252	825777	44.297	ng	99
89) Benzo(k)fluoranthene	15.127	252	835531	51.970	ng	100
90) Benzo(a)pyrene	15.468	252	812600	52.975	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	888950	54.125	ng	98
92) Benzo(g,h,i)perylene	17.486	276	825777	50.336	ng	98

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

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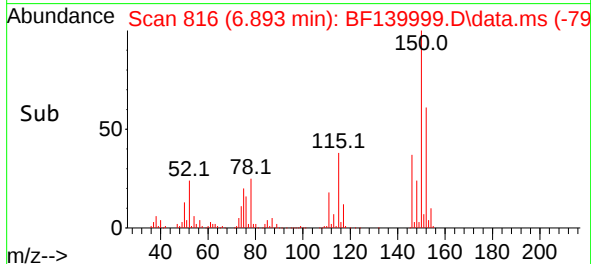
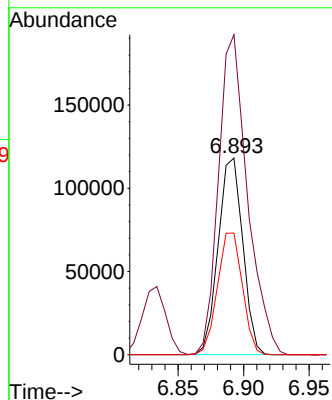
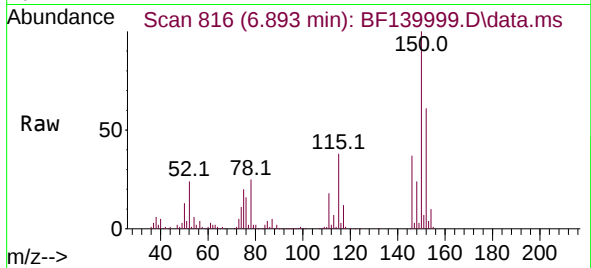




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

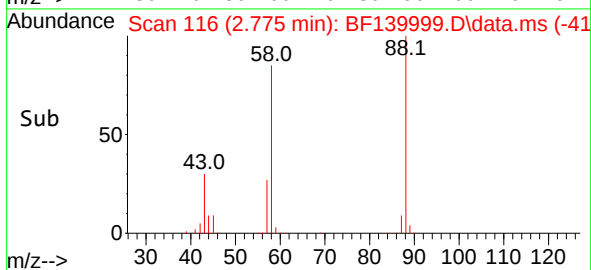
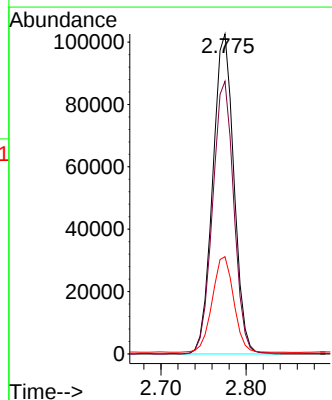
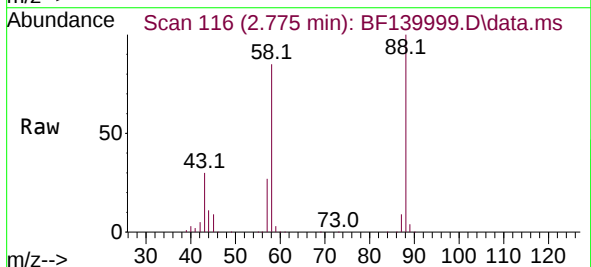
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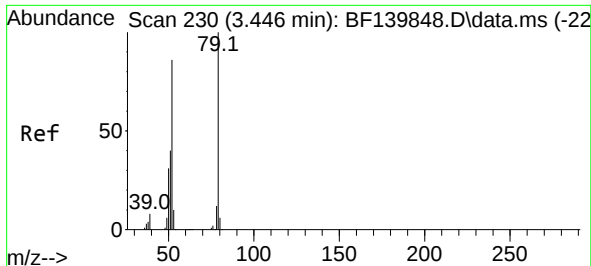
Tgt Ion:152 Resp: 154233
Ion Ratio Lower Upper
152 100
150 162.7 130.2 195.2
115 61.8 51.4 77.2



#2
1,4-Dioxane
Concen: 38.470 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 88 Resp: 176713
Ion Ratio Lower Upper
88 100
58 85.6 73.3 109.9
43 30.5 27.1 40.7

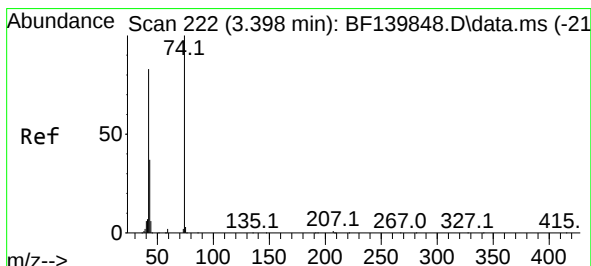
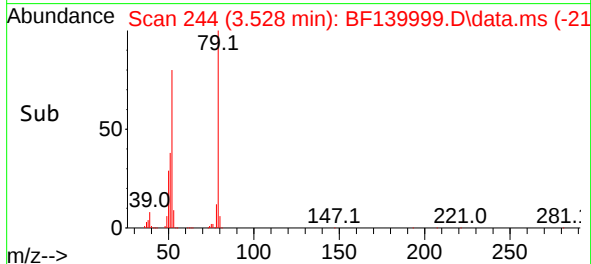
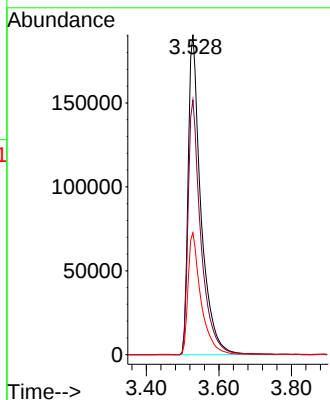
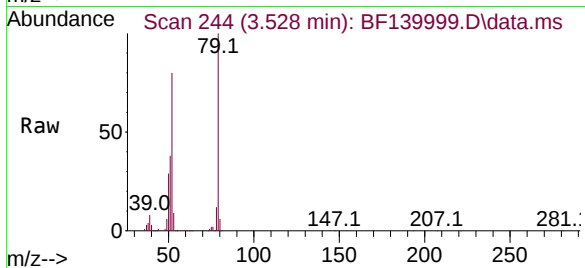




#3
Pyridine
Concen: 41.023 ng
RT: 3.528 min Scan# 24
Delta R.T. 0.083 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

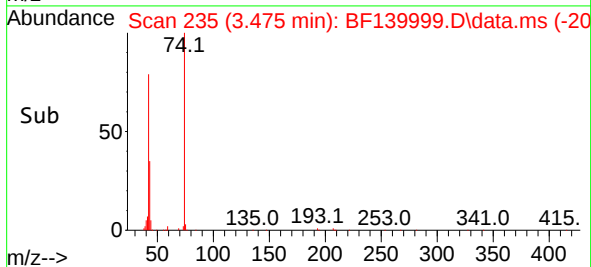
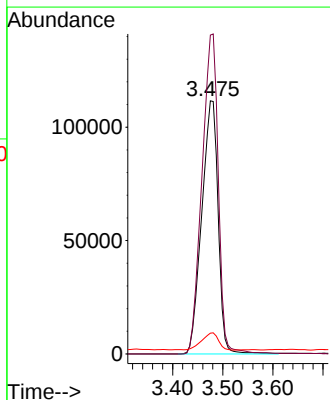
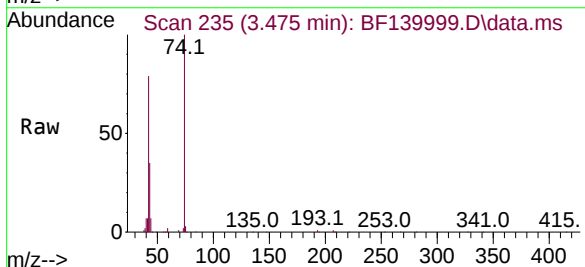
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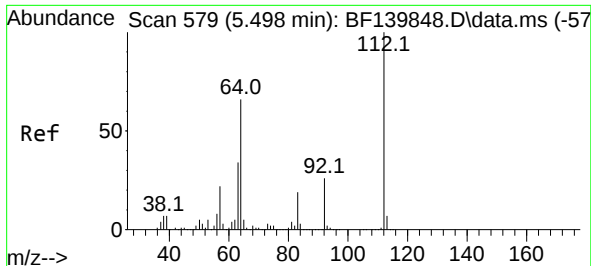
Tgt Ion: 79 Resp: 467085
Ion Ratio Lower Upper
79 100
52 79.6 68.5 102.7
51 38.1 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 41.506 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.077 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 42 Resp: 253906
Ion Ratio Lower Upper
42 100
74 125.9 96.2 144.4
44 8.2 6.2 9.2

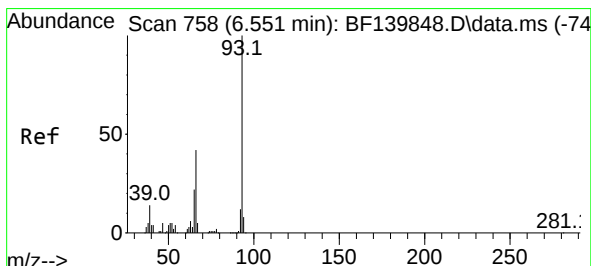
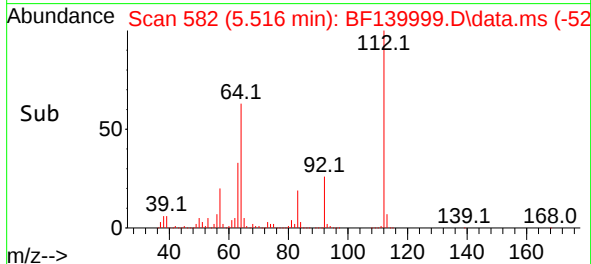
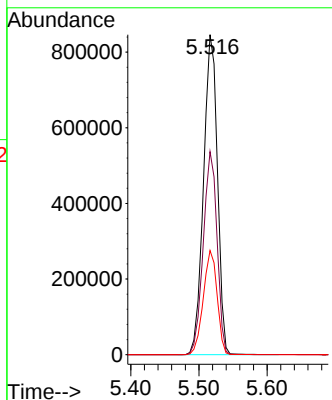
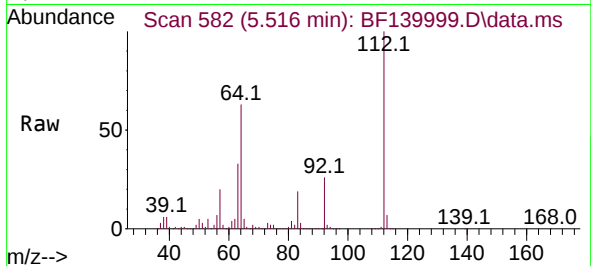




#5
2-Fluorophenol
Concen: 121.900 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

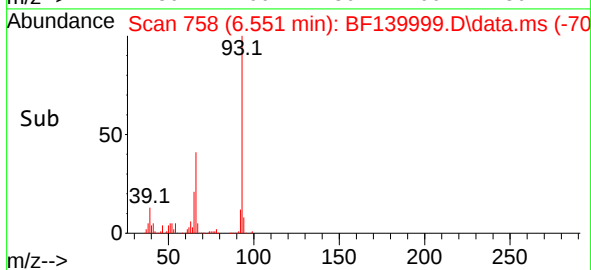
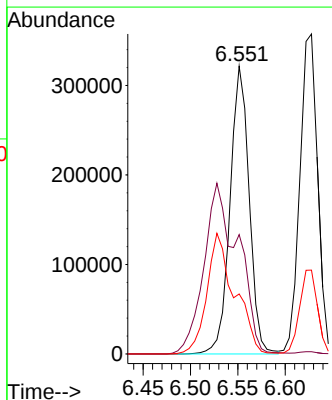
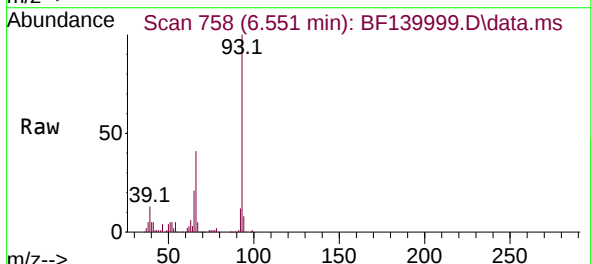
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Tgt Ion:112 Resp: 1200965
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.5 27.0 40.4



#6
Aniline
Concen: 38.071 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 93 Resp: 452739
Ion Ratio Lower Upper
93 100
66 41.5 34.0 51.0
65 20.9 17.4 26.0

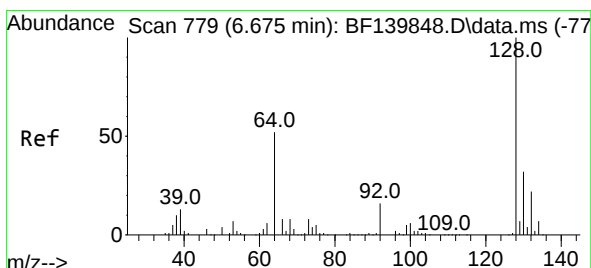
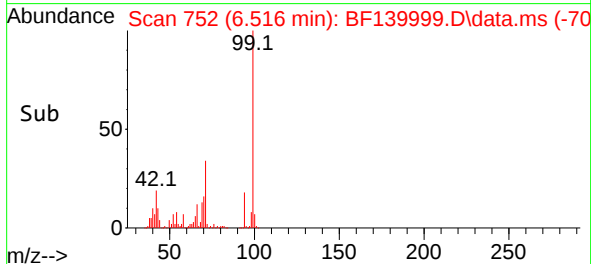
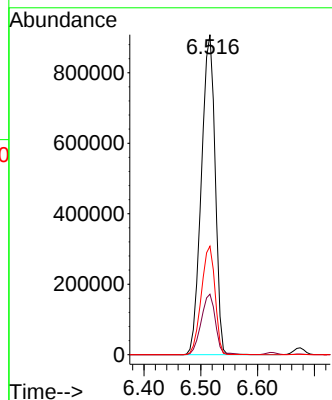
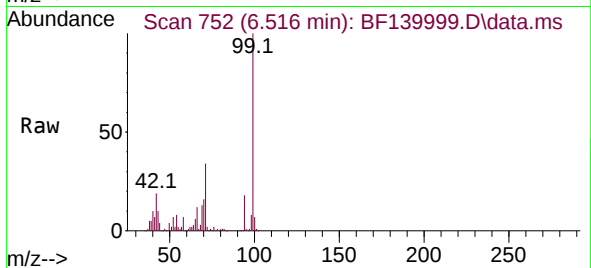




#7
Phenol-d6
Concen: 119.603 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

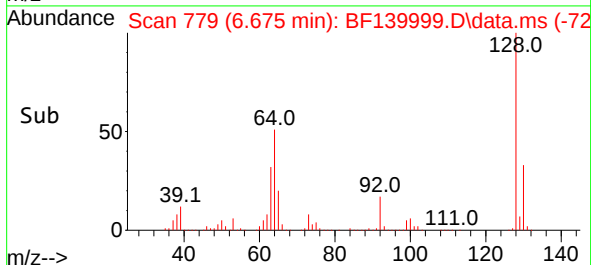
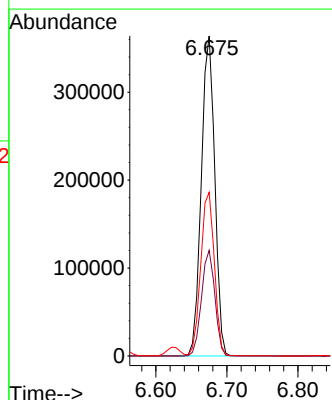
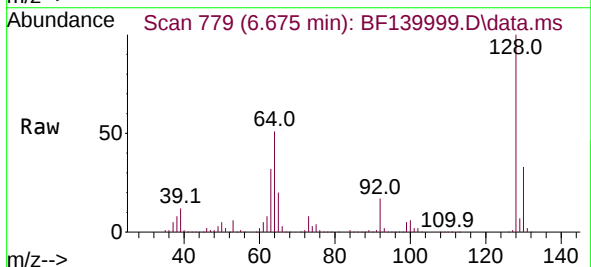
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Tgt Ion: 99 Resp: 1526139
Ion Ratio Lower Upper
99 100
42 18.9 16.7 25.1
71 33.9 27.7 41.5



#8
2-Chlorophenol
Concen: 47.785 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 128 Resp: 481286
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 51.2 34.6 74.6

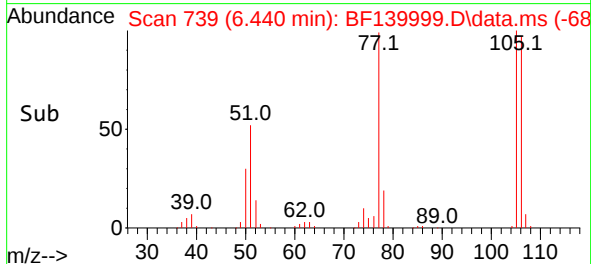
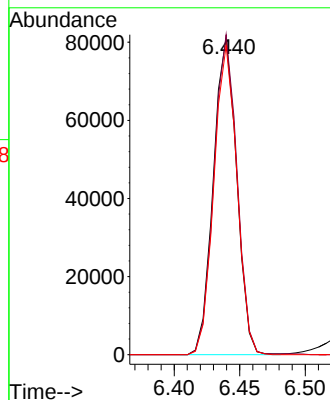
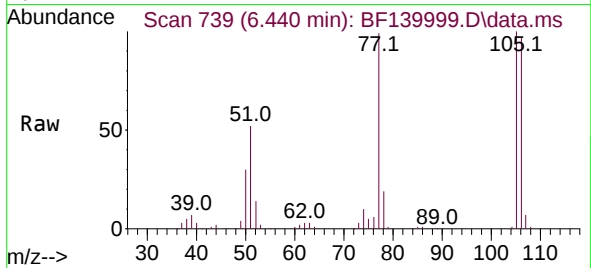




#9
Benzaldehyde
Concen: 13.958 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

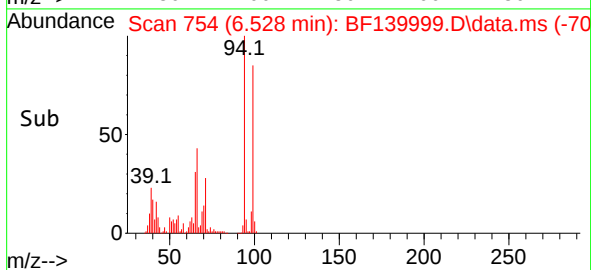
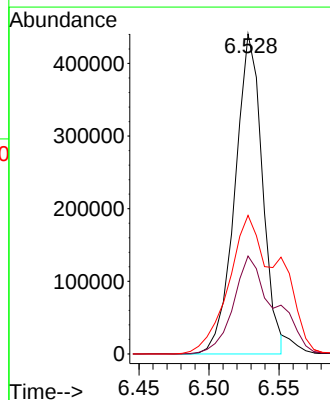
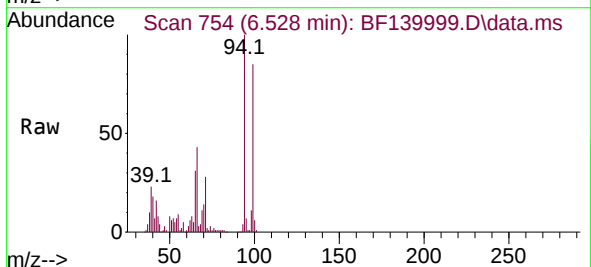
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Tgt Ion: 77 Resp: 100193
Ion Ratio Lower Upper
77 100
105 100.9 75.5 115.5
106 97.5 71.7 111.7



#10
Phenol
Concen: 45.576 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 94 Resp: 599548
Ion Ratio Lower Upper
94 100
65 30.6 11.1 51.1
66 43.3 22.7 62.7



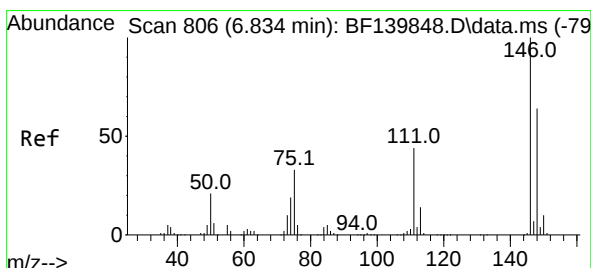
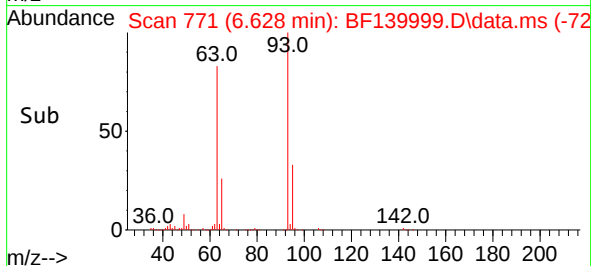
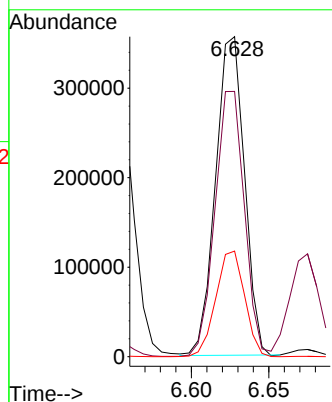
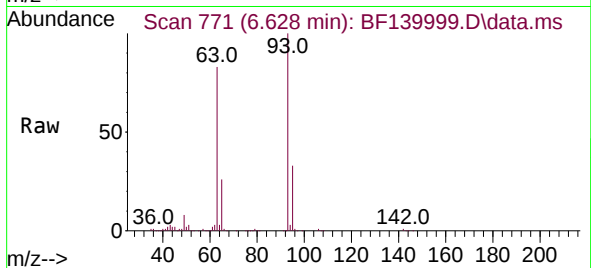


#11
 bis(2-Chloroethyl)ether
 Concen: 45.425 ng
 RT: 6.628 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BF139999.D
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Instrument :
 BNA_F
 ClientSampleId :
 PB164338BS

Tgt Ion: 93 Resp: 461876

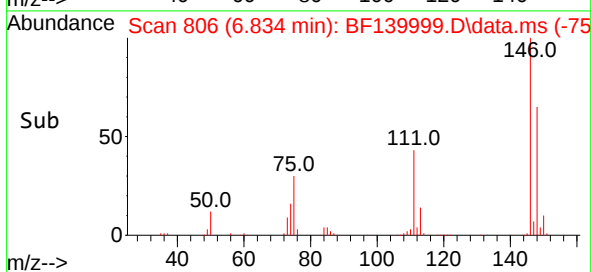
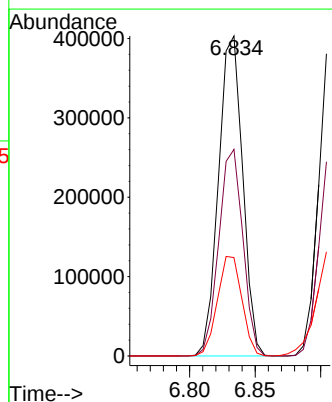
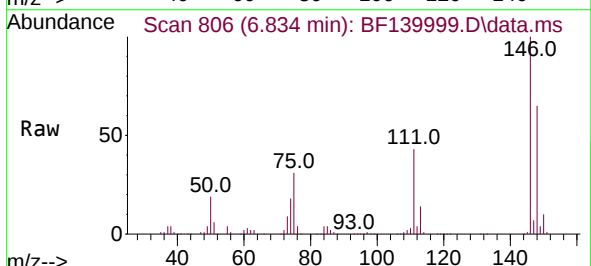
Ion	Ratio	Lower	Upper
93	100		
63	82.9	65.0	105.0
95	33.0	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 44.664 ng
 RT: 6.834 min Scan# 806
 Delta R.T. 0.000 min
 Lab File: BF139999.D
 Acq: 24 Oct 2024 14:19

Tgt Ion: 146 Resp: 516389

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
75	30.8	26.4	39.6

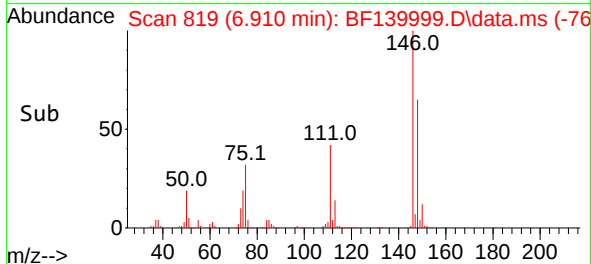
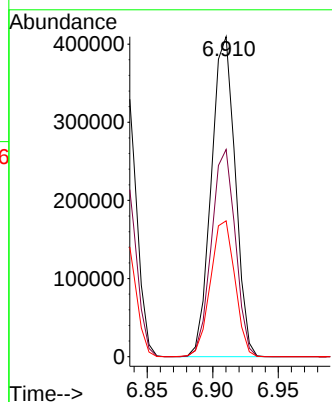
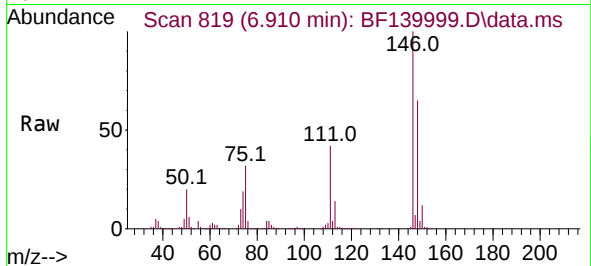




#13
1,4-Dichlorobenzene
Concen: 45.058 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

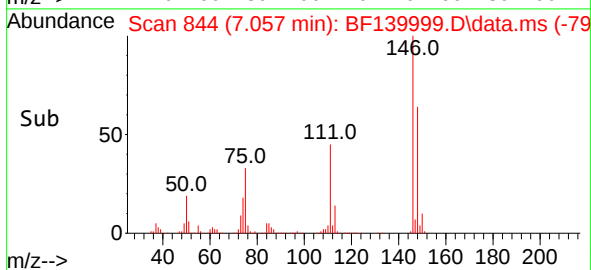
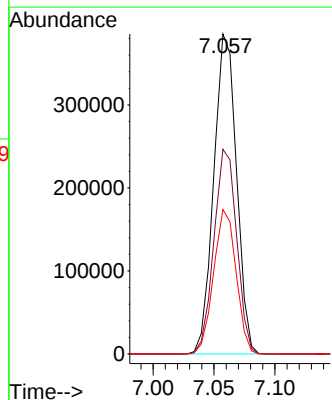
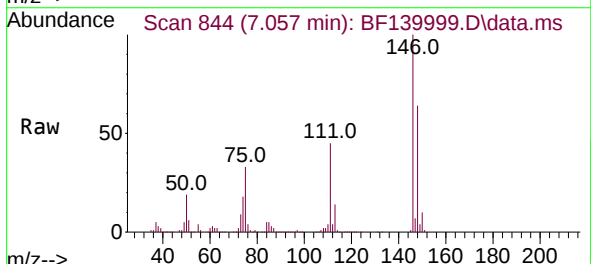
Instrument :
BNA_F
ClientSampleId :
PB164338BS

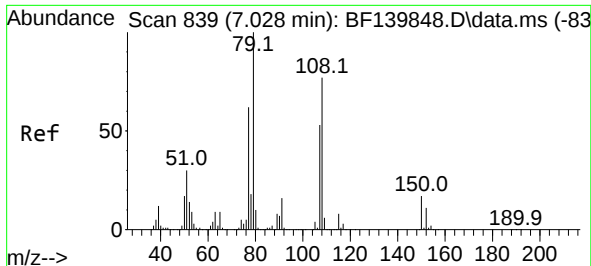
Tgt Ion:146 Resp: 520457
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 42.5 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.489 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:146 Resp: 501167
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 45.2 36.7 55.1

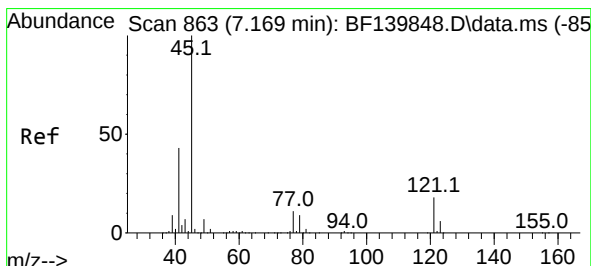
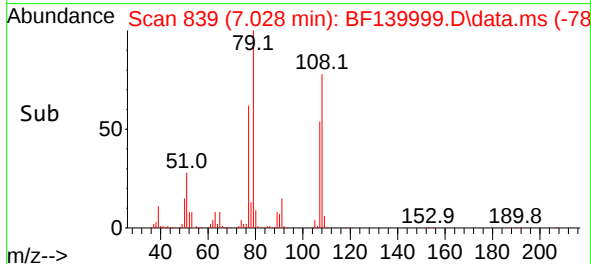
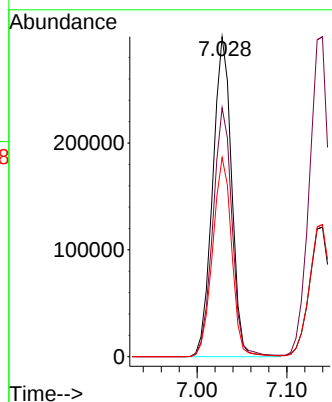
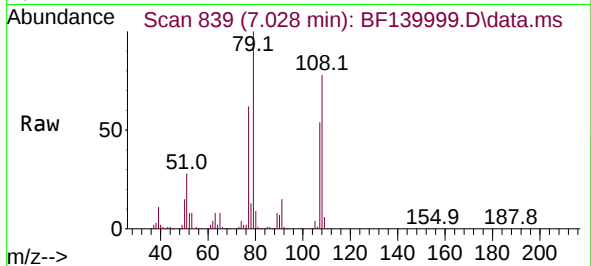




#15
Benzyl Alcohol
Concen: 46.785 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

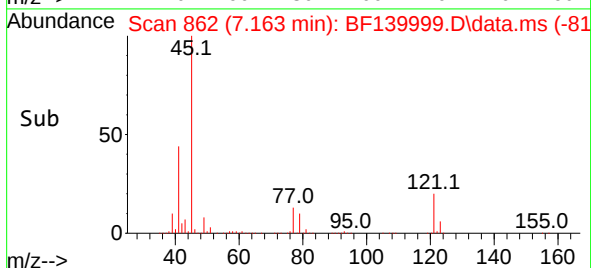
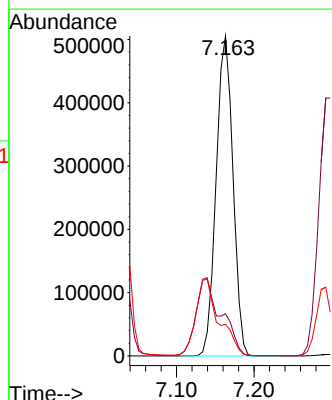
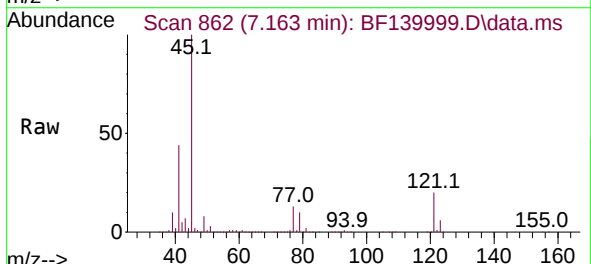
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion: 79 Resp: 437904
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.871 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 45 Resp: 760616
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 9.9 0.0 29.1





#17

2-Methylphenol

Concen: 46.635 ng

RT: 7.140 min Scan# 857

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

Tgt Ion:107 Resp: 400516

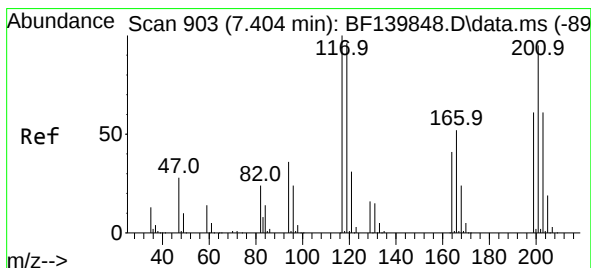
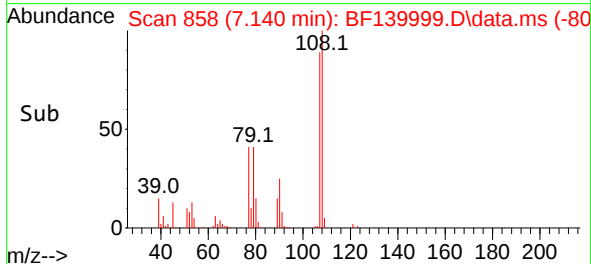
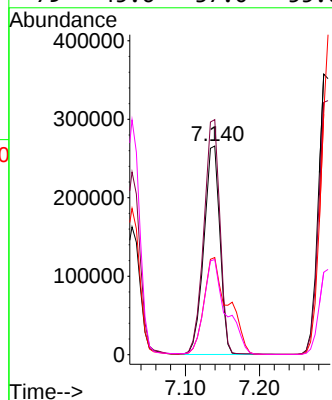
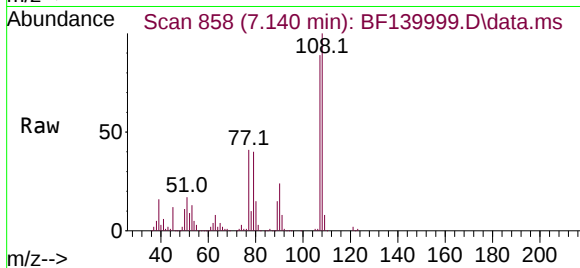
Ion Ratio Lower Upper

107 100

108 112.6 91.3 136.9

77 46.5 37.1 55.7

79 45.6 37.0 55.6



#18

Hexachloroethane

Concen: 45.967 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

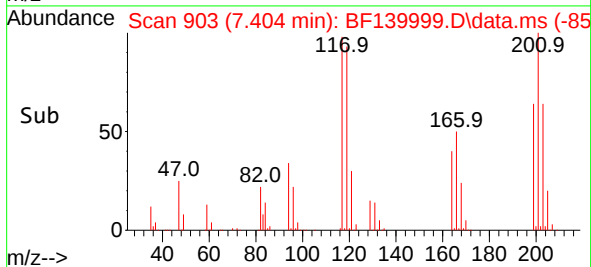
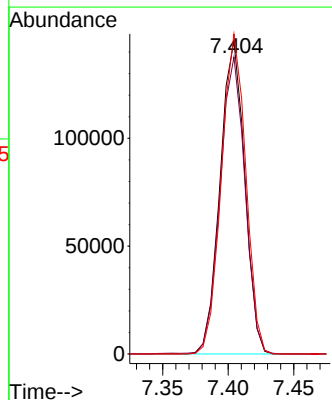
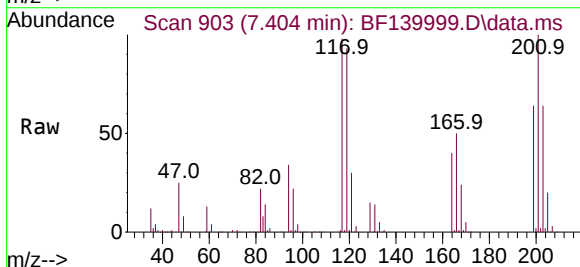
Tgt Ion:117 Resp: 189339

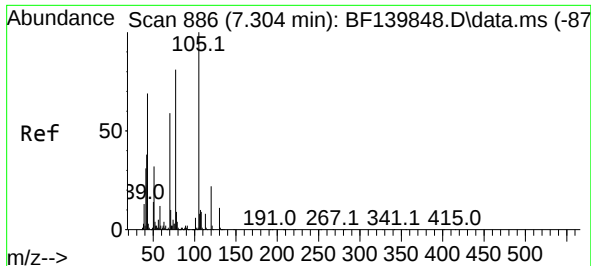
Ion Ratio Lower Upper

117 100

119 94.9 77.0 115.4

201 102.3 76.2 114.4



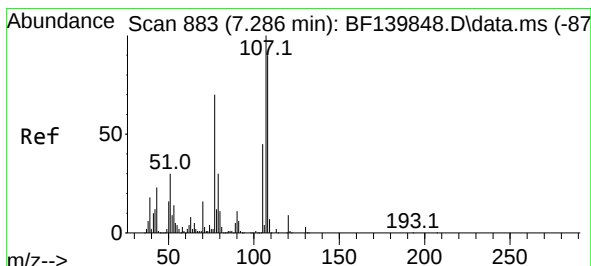
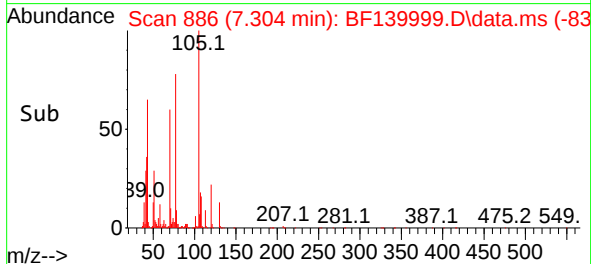
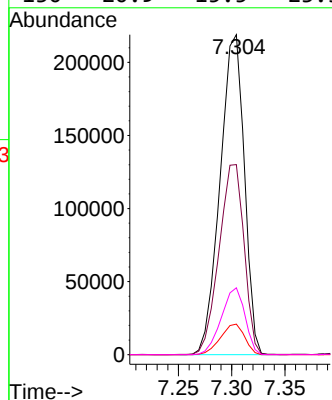
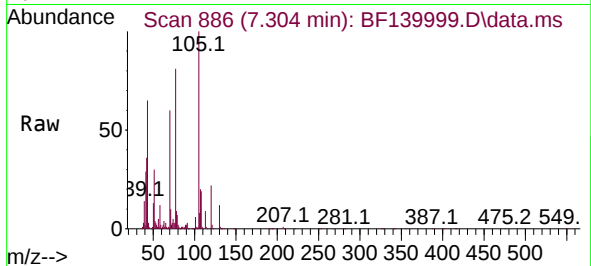


#19
n-Nitroso-di-n-propylamine
Concen: 44.812 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion: 70 Resp: 346800

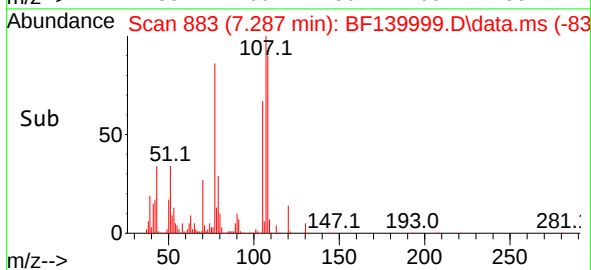
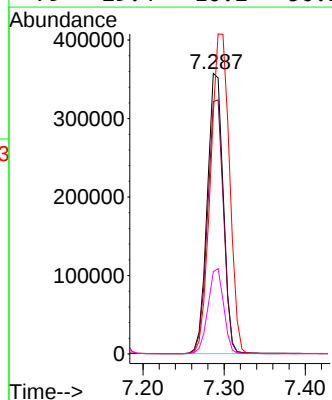
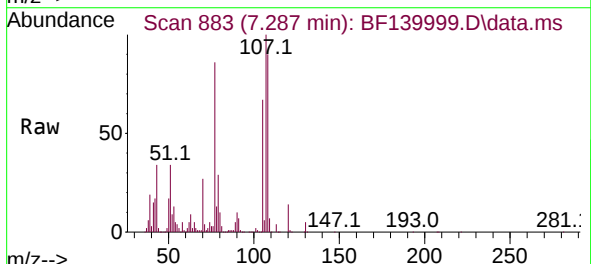
Ion	Ratio	Lower	Upper
70	100		
42	59.4	51.5	77.3
101	9.6	7.5	11.3
130	20.9	15.5	23.3

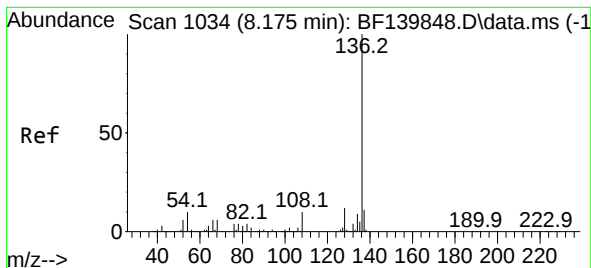


#20
3+4-Methylphenols
Concen: 44.318 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 107 Resp: 486831

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	85.7	50.5	90.5
79	29.4	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

Tgt Ion:136 Resp: 594411

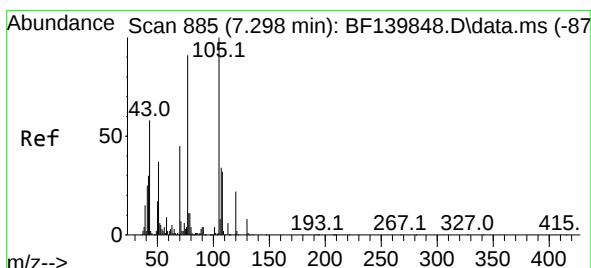
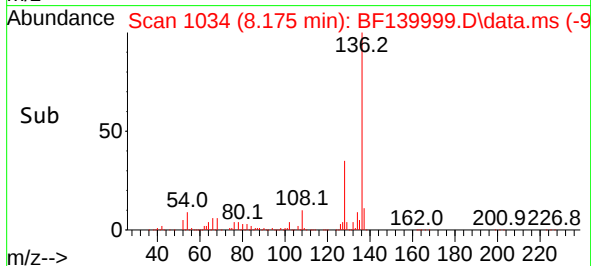
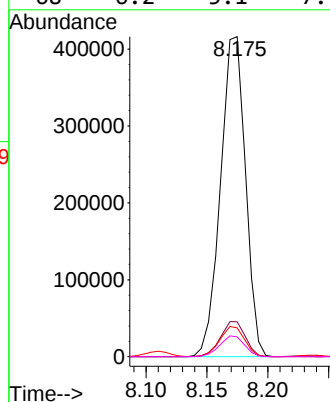
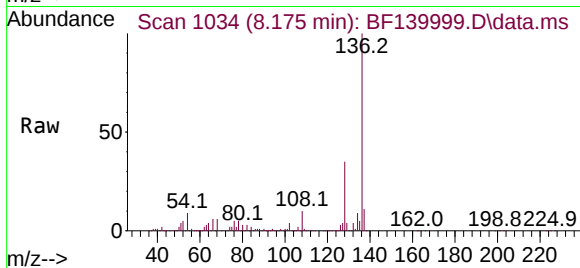
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.0 8.4 12.6

68 6.2 5.1 7.7



#22

Acetophenone

Concen: 45.006 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Tgt Ion:105 Resp: 655251

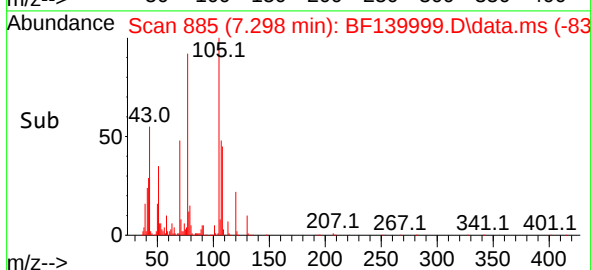
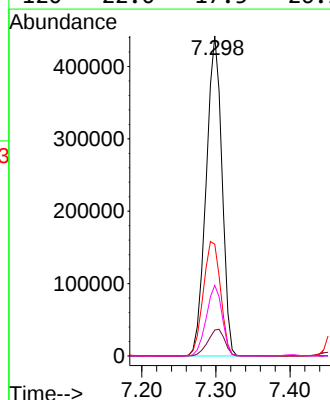
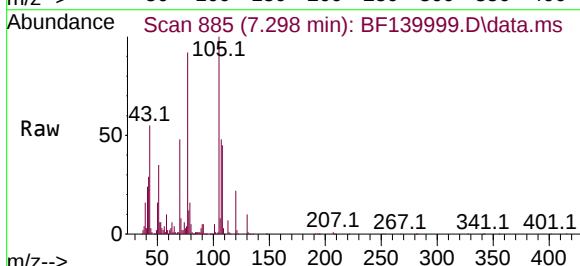
Ion Ratio Lower Upper

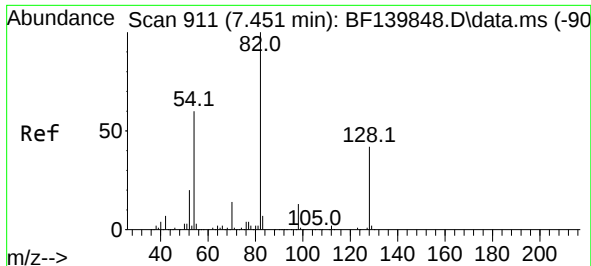
105 100

71 8.1 5.9 8.9

51 35.0 29.4 44.2

120 22.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 92.723 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

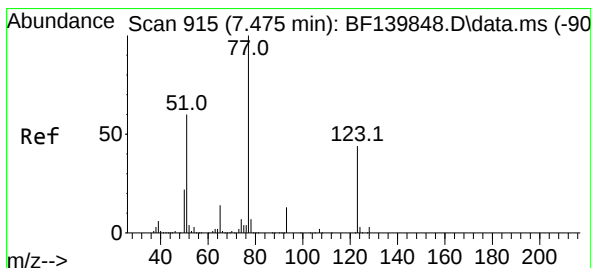
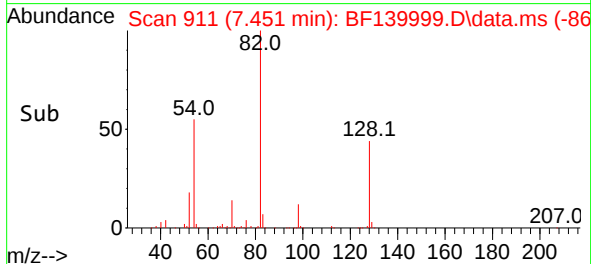
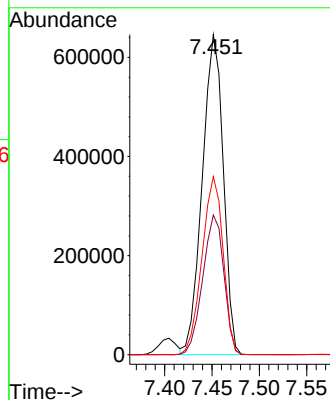
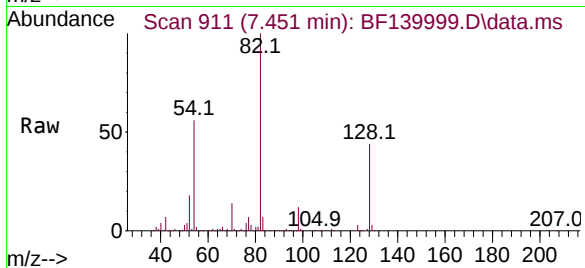
Tgt Ion: 82 Resp: 994444

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.0

54 55.6 47.8 71.8



#24

Nitrobenzene

Concen: 44.314 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

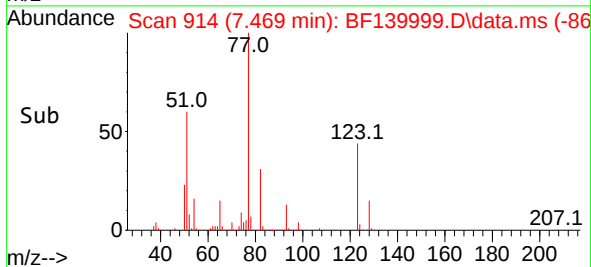
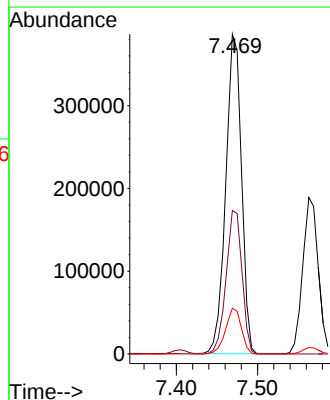
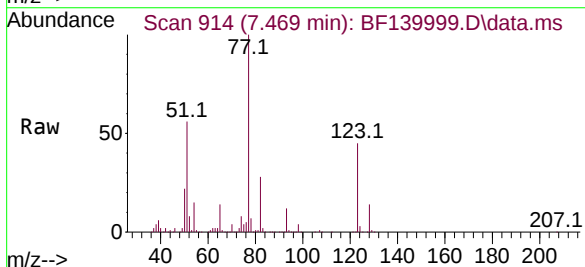
Tgt Ion: 77 Resp: 521078

Ion Ratio Lower Upper

77 100

123 44.8 35.7 53.5

65 14.3 11.5 17.3

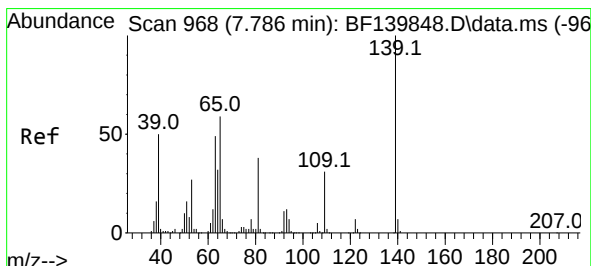
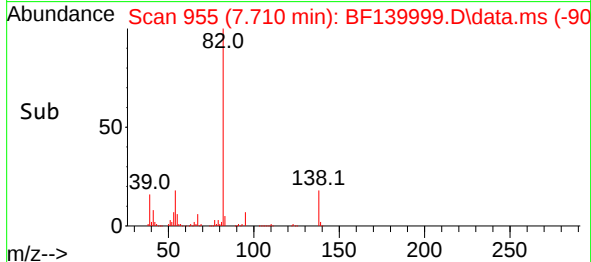
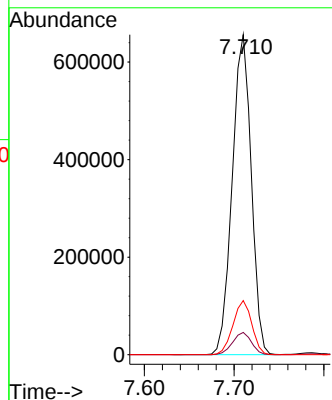
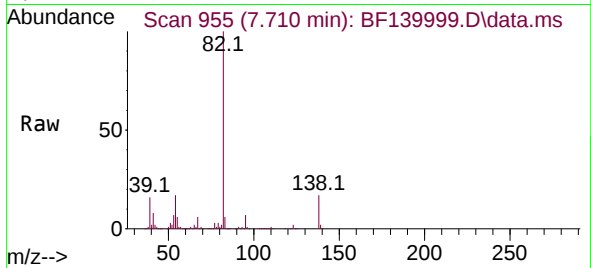




#25
Isophorone
Concen: 47.323 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

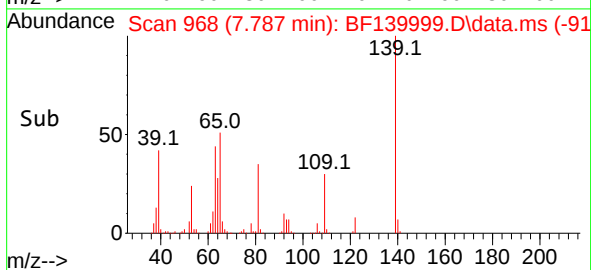
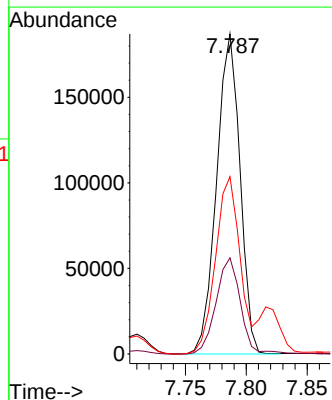
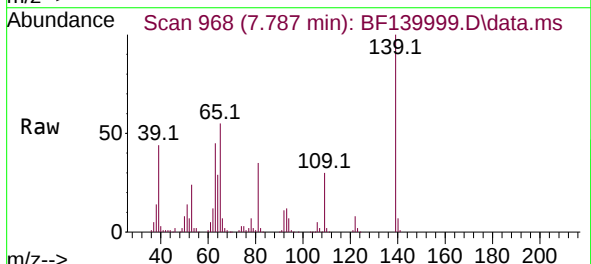
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion: 82 Resp: 963299
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 56.446 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

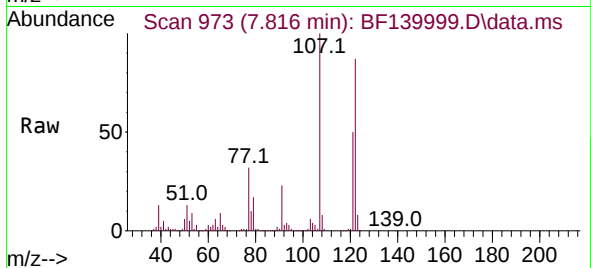
Tgt Ion:139 Resp: 250394
Ion Ratio Lower Upper
139 100
109 30.1 25.1 37.7
65 55.4 47.5 71.3



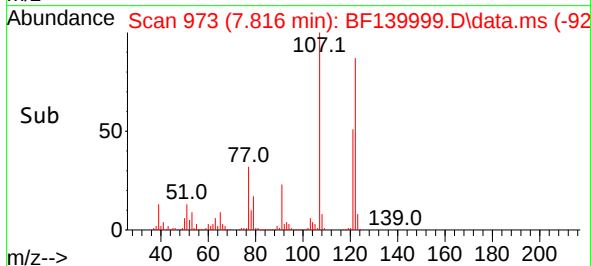
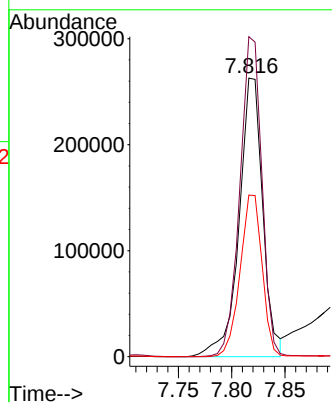


#27
2,4-Dimethylphenol
Concen: 54.953 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164338BS

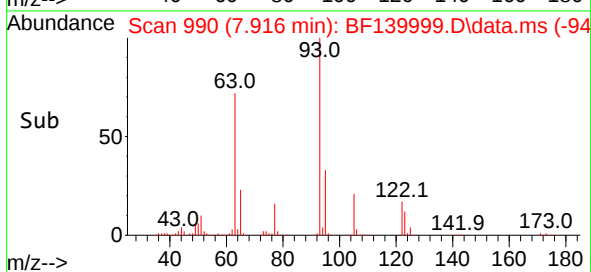
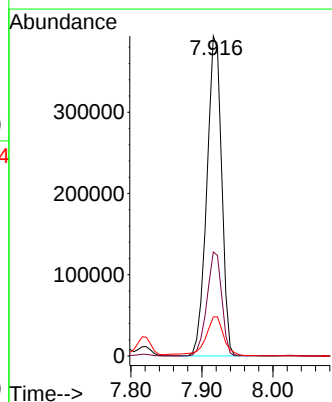
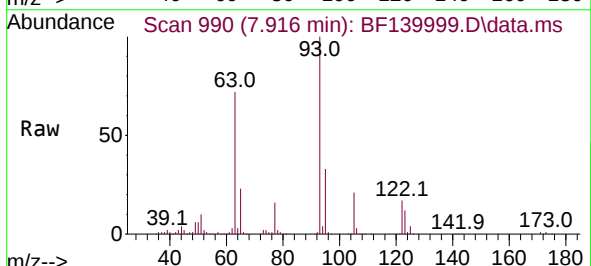


Tgt Ion:122 Resp: 406476
Ion Ratio Lower Upper
122 100
107 114.9 91.9 137.9
121 58.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.323 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion: 93 Resp: 571293
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.762 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

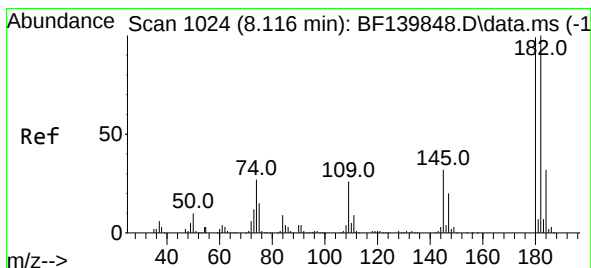
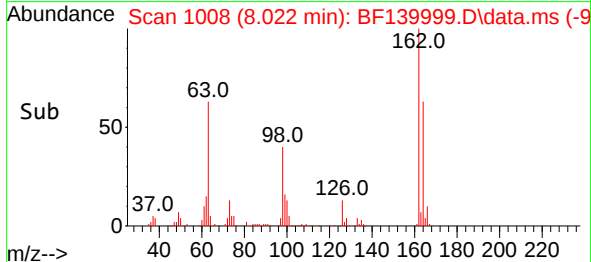
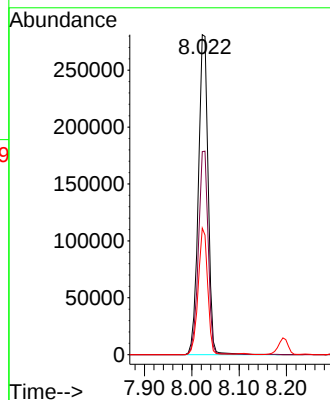
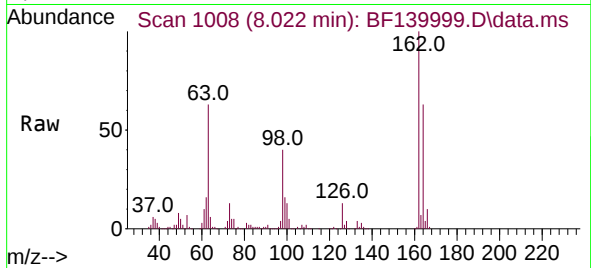
Tgt Ion:162 Resp: 402401

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 39.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 45.014 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

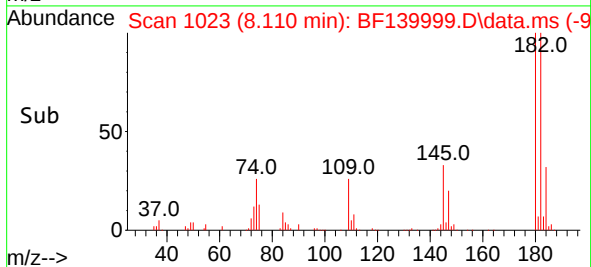
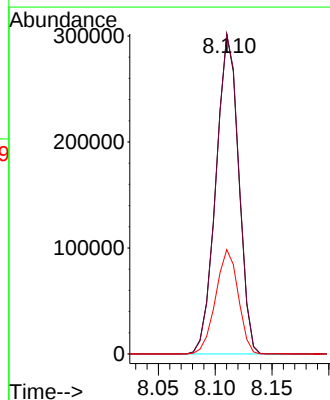
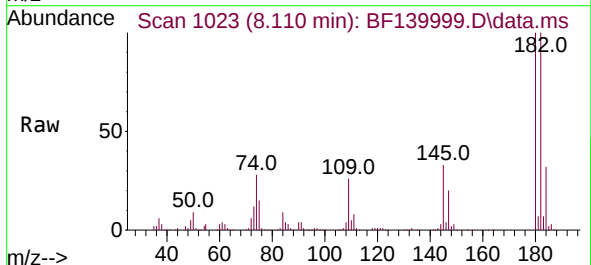
Tgt Ion:180 Resp: 419645

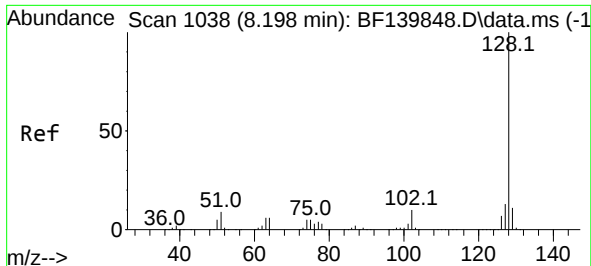
Ion Ratio Lower Upper

180 100

182 100.1 80.5 120.7

145 32.6 25.4 38.0

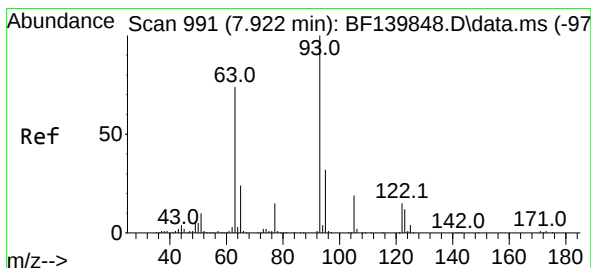
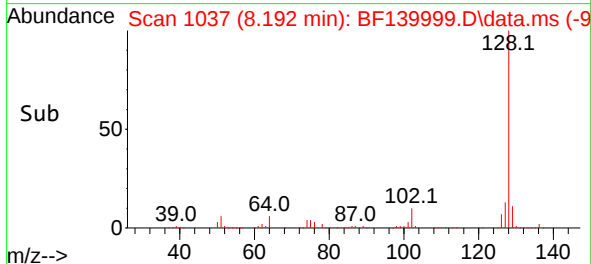
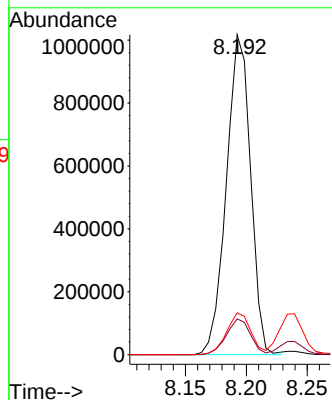
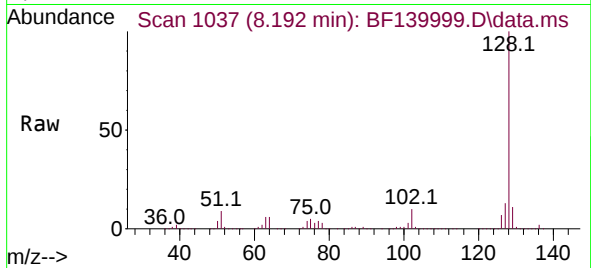




#31
Naphthalene
Concen: 45.866 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

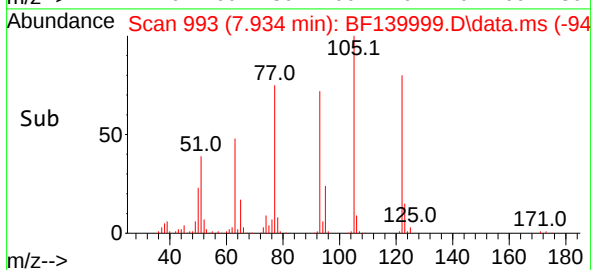
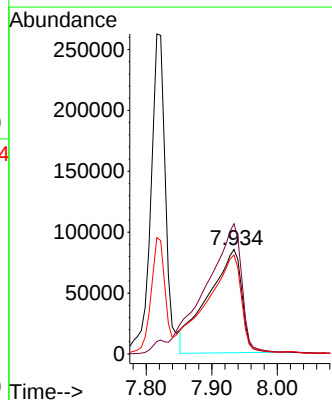
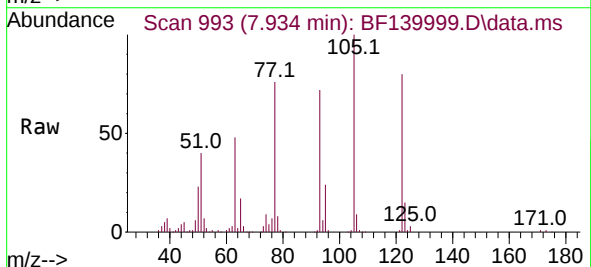
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion:128 Resp: 1406074
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 47.311 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:122 Resp: 305222
Ion Ratio Lower Upper
122 100
105 124.6 107.6 147.6
77 94.6 80.2 120.2

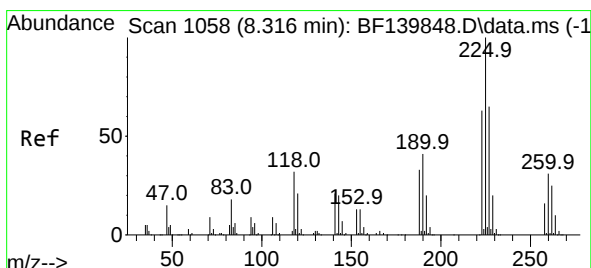
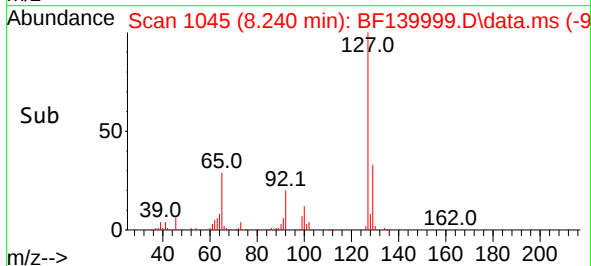
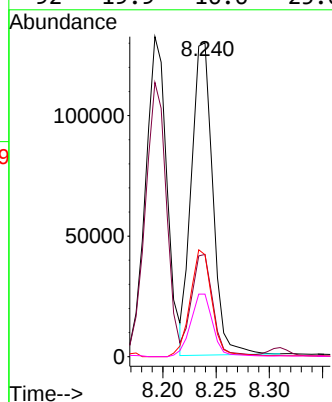
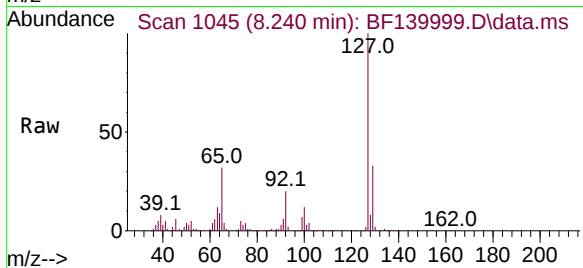




#33
4-Chloroaniline
Concen: 17.302 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

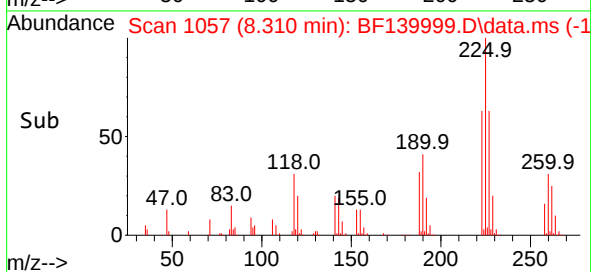
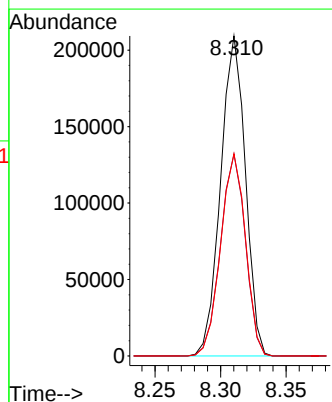
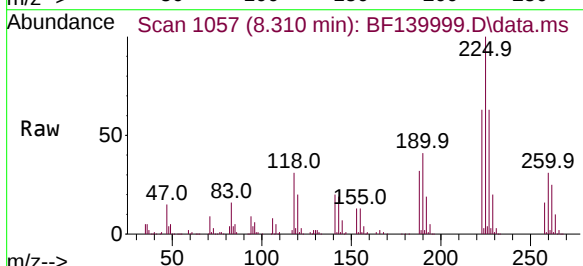
Instrument :
BNA_F
ClientSampleId :
PB164338BS

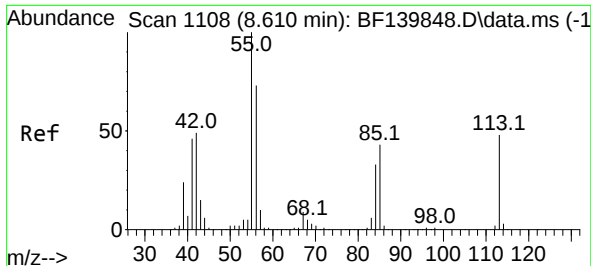
Tgt Ion:	127	Resp:	180866
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.4	38.2
65	32.5	28.4	42.6
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.921 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:	225	Resp:	274841
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.6	76.0
227	63.1	51.8	77.8

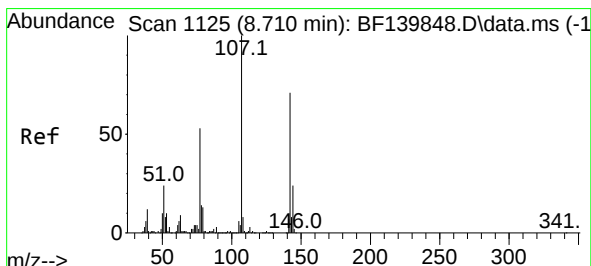
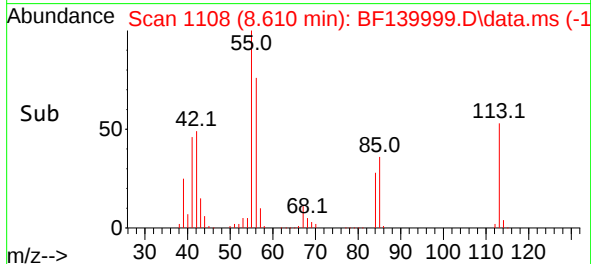
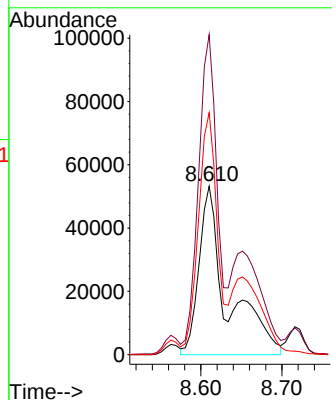
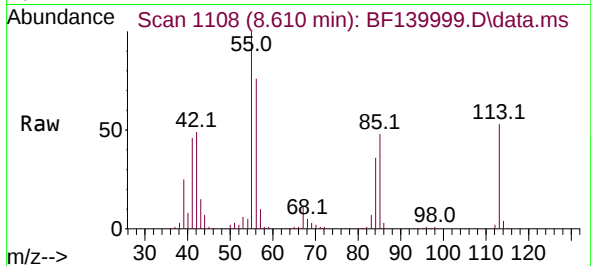




#35
 Caprolactam
 Concen: 48.066 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139999.D
 Acq: 24 Oct 2024 14:19

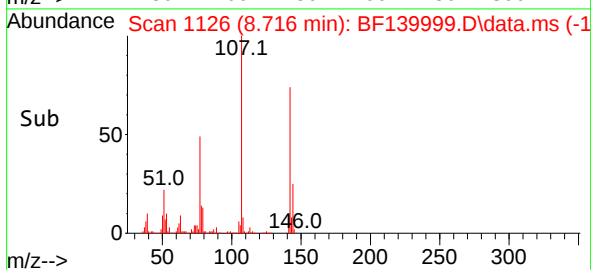
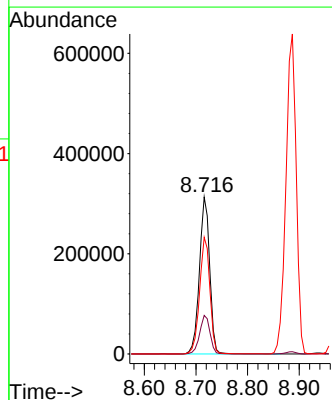
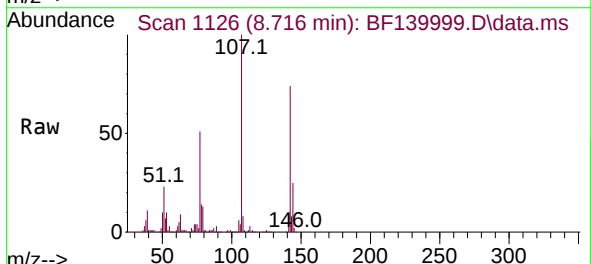
Instrument :
 BNA_F
 ClientSampleId :
 PB164338BS

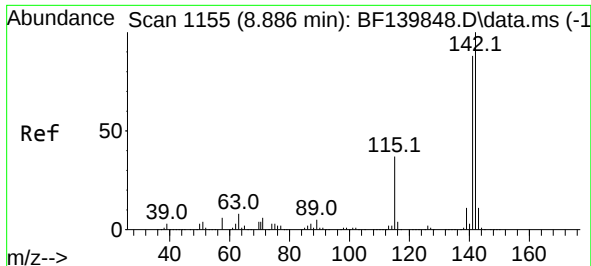
Tgt Ion:113 Resp: 128765
 Ion Ratio Lower Upper
 113 100
 55 190.0 189.2 229.2
 56 143.7 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.419 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139999.D
 Acq: 24 Oct 2024 14:19

Tgt Ion:107 Resp: 433045
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.1 28.7
 142 74.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 47.064 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

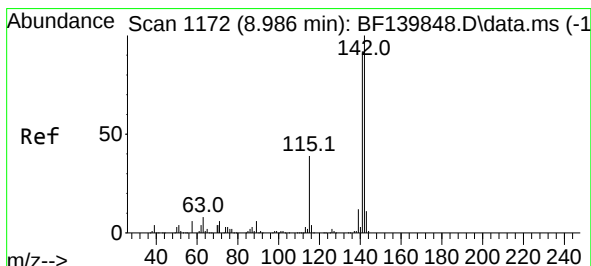
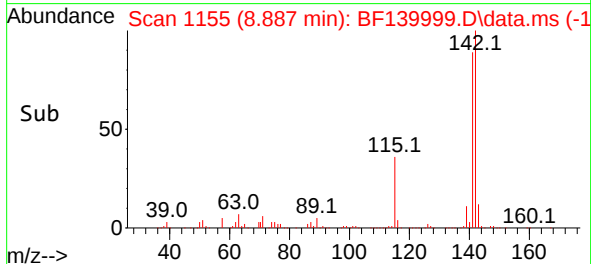
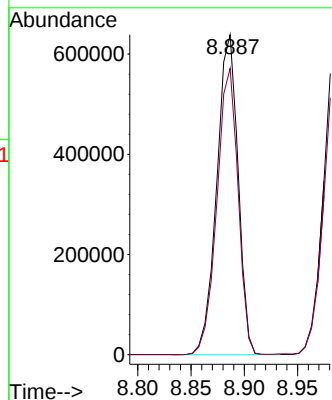
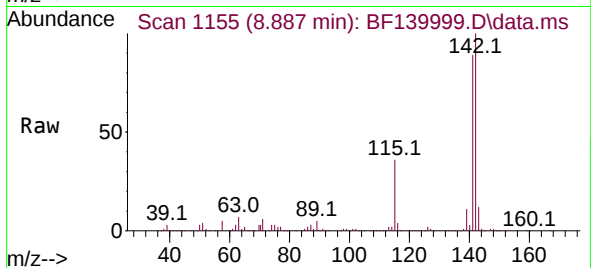
PB164338BS

Tgt Ion:142 Resp: 883629

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.714 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139999.D

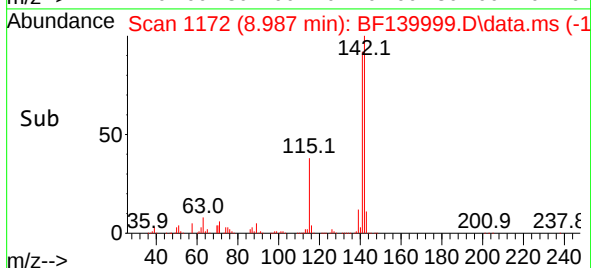
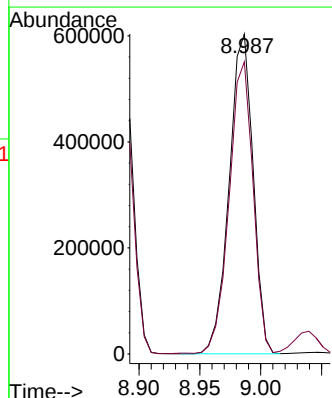
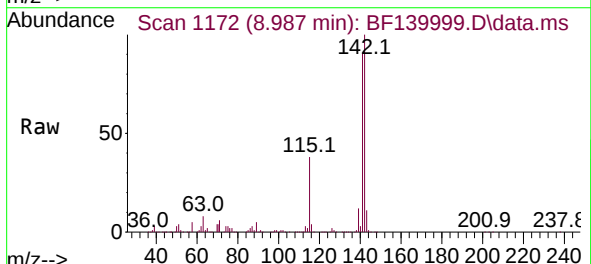
Acq: 24 Oct 2024 14:19

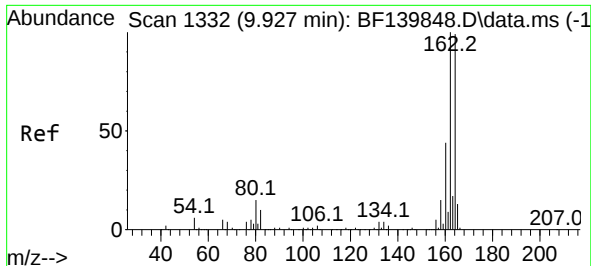
Tgt Ion:142 Resp: 823647

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3

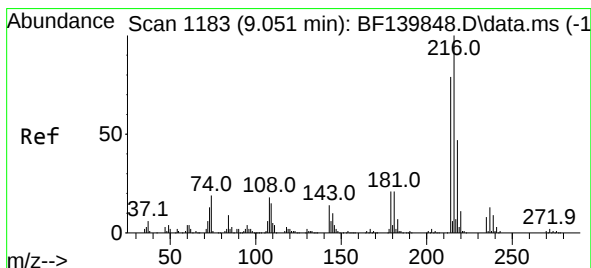
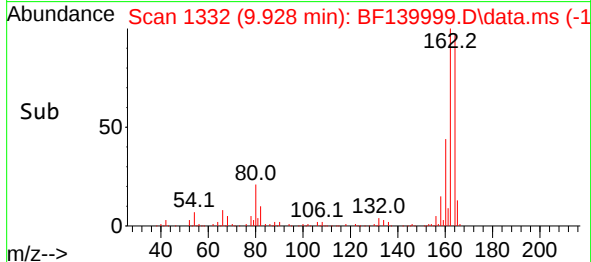
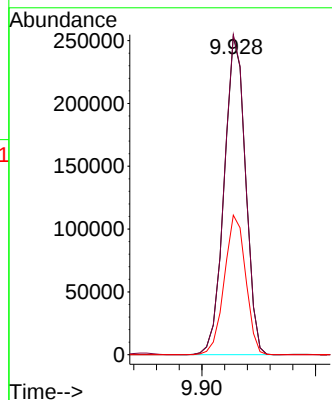
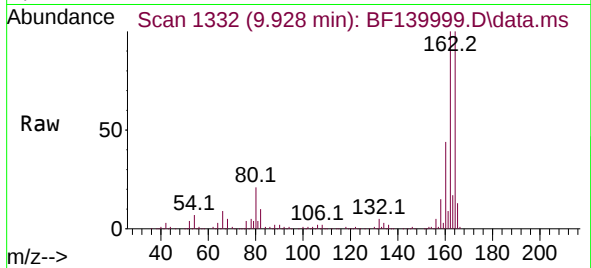




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

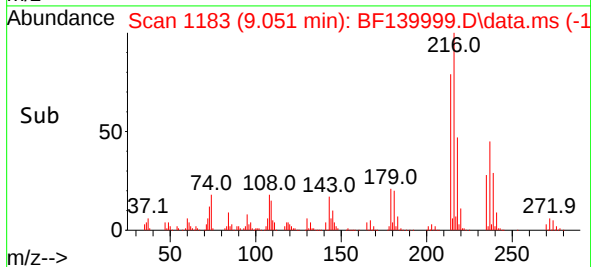
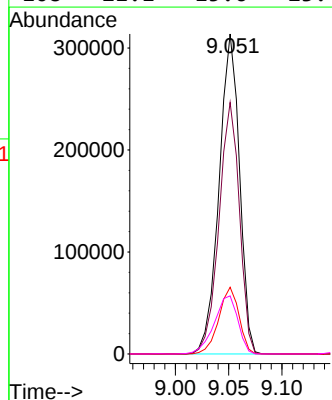
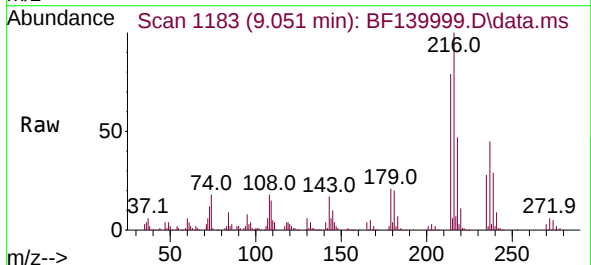
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion:164 Resp: 330386
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 43.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.808 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

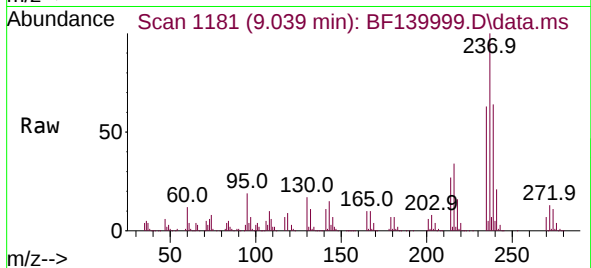
Tgt Ion:216 Resp: 417217
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 20.7 17.2 25.8
108 21.1 15.6 23.4



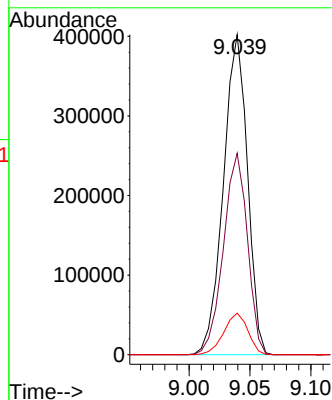
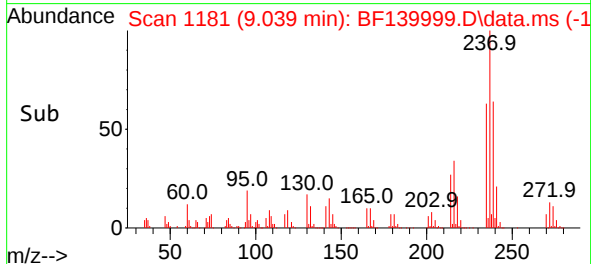


#41
Hexachlorocyclopentadiene
Concen: 178.247 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

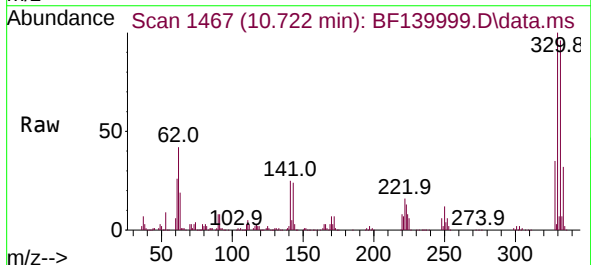
Instrument :
BNA_F
ClientSampleId :
PB164338BS



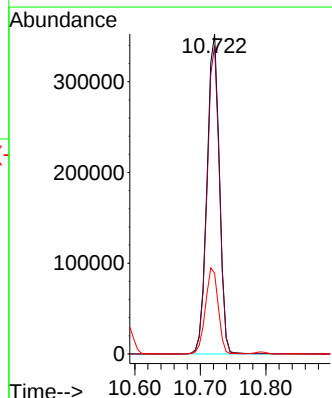
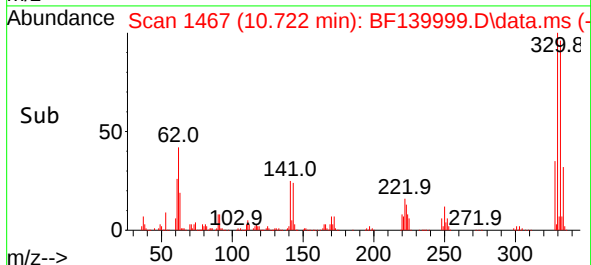
Tgt Ion:237 Resp: 552816
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 13.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 150.650 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19



Tgt Ion:330 Resp: 465557
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 27.6 26.6 39.8

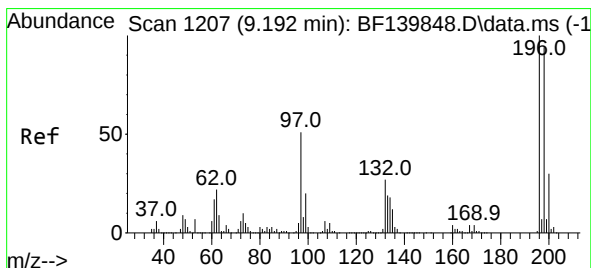
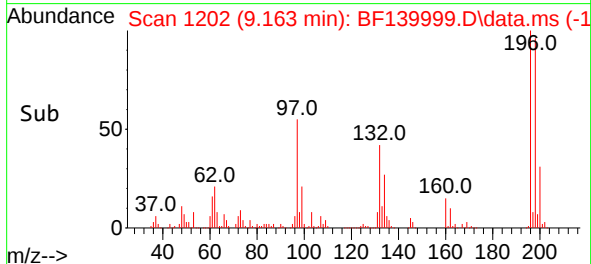
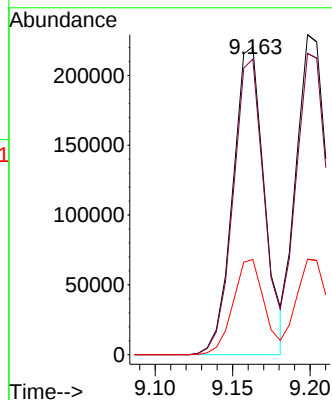
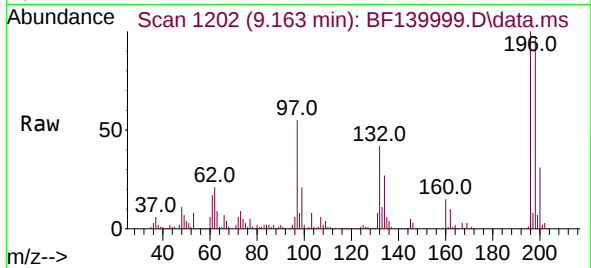




#43
2,4,6-Trichlorophenol
Concen: 49.317 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

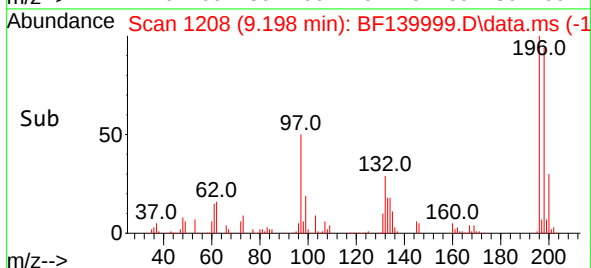
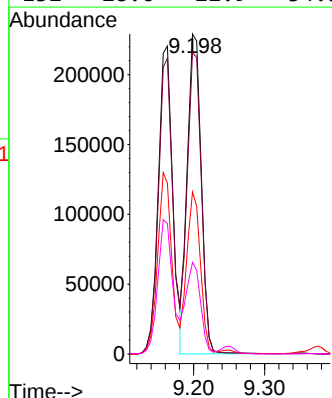
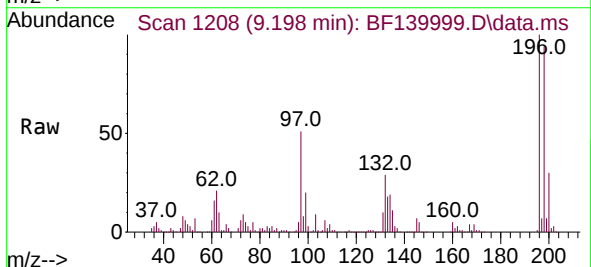
Instrument :
BNA_F
ClientSampleId :
PB164338BS

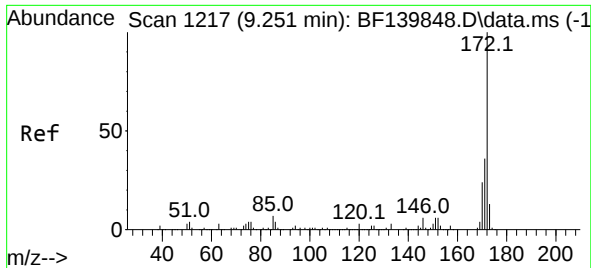
Tgt Ion:196 Resp: 311214
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.2
200 30.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.488 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:196 Resp: 315691
Ion Ratio Lower Upper
196 100
198 94.2 75.8 113.6
97 50.7 41.8 62.6
132 28.6 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 90.194 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

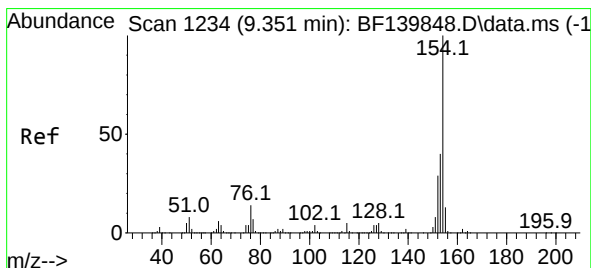
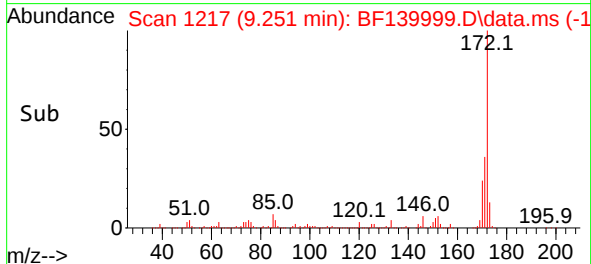
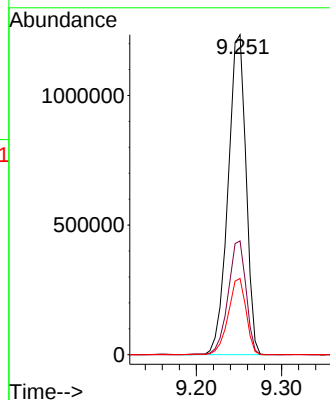
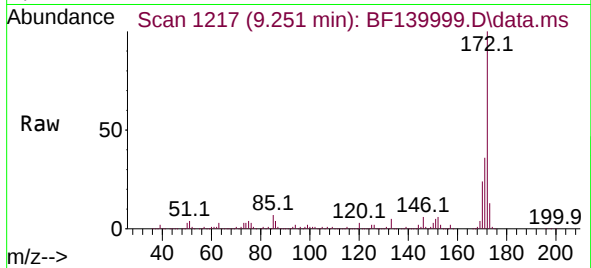
Tgt Ion:172 Resp: 1803049

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.104 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

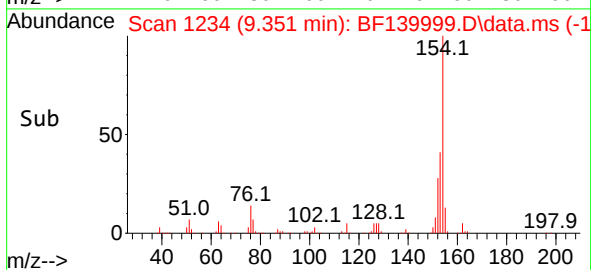
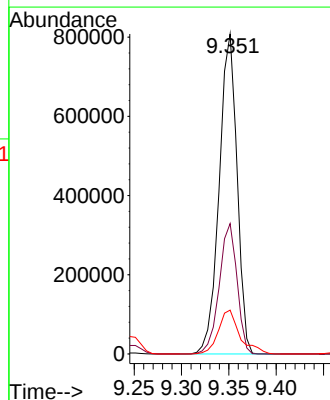
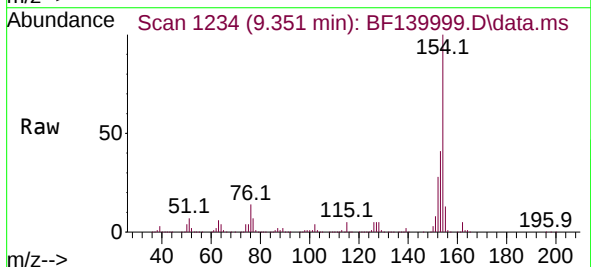
Tgt Ion:154 Resp: 1060375

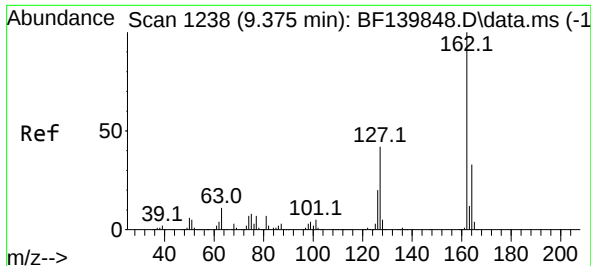
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.758 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

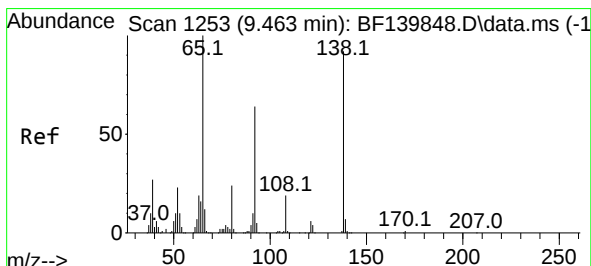
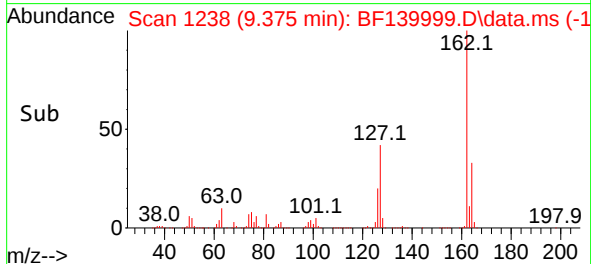
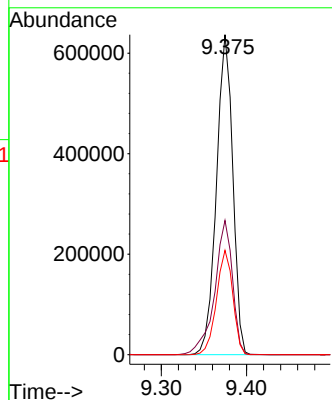
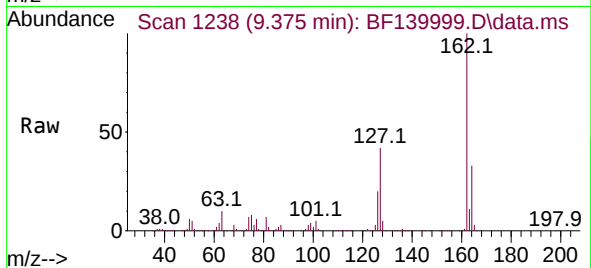
Tgt Ion:162 Resp: 847633

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 51.000 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

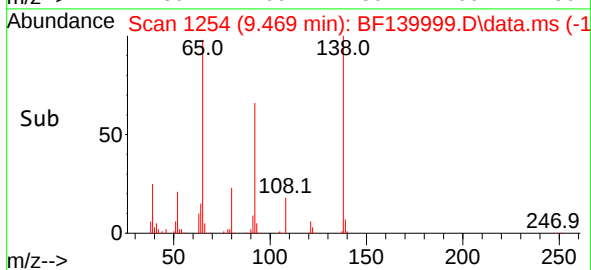
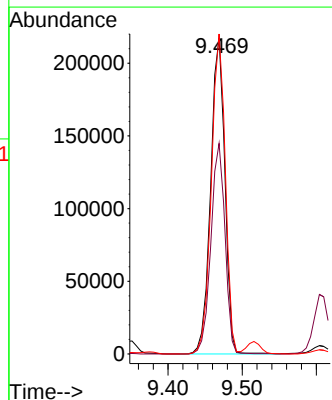
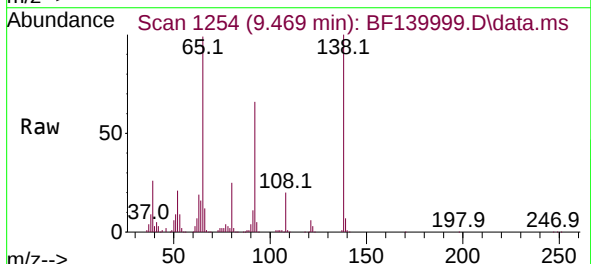
Tgt Ion: 65 Resp: 288942

Ion Ratio Lower Upper

65 100

92 66.6 50.9 76.3

138 101.3 73.4 110.0

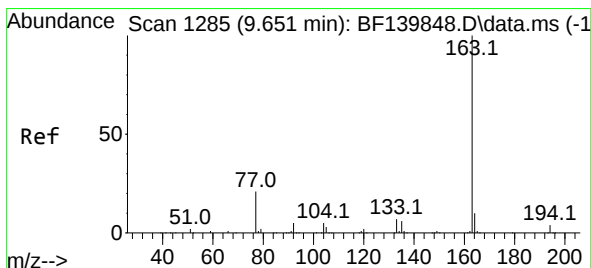
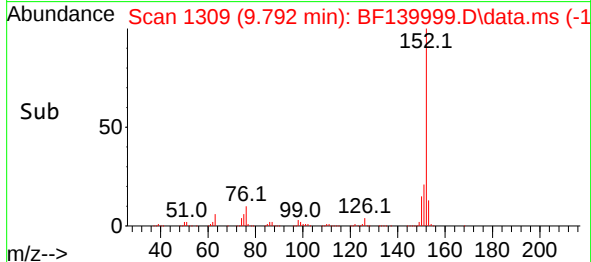
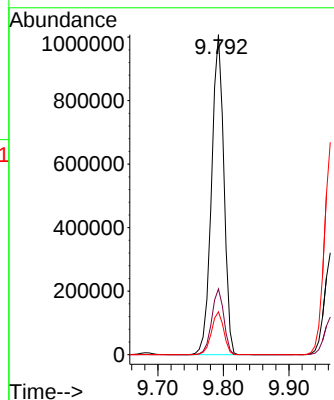
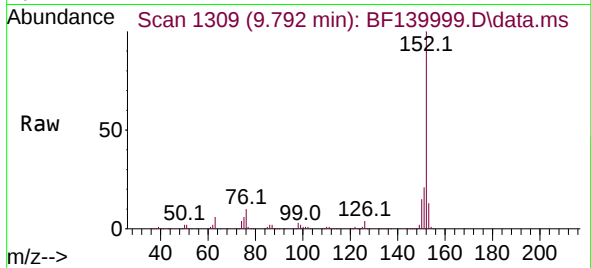




#49
Acenaphthylene
Concen: 49.120 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

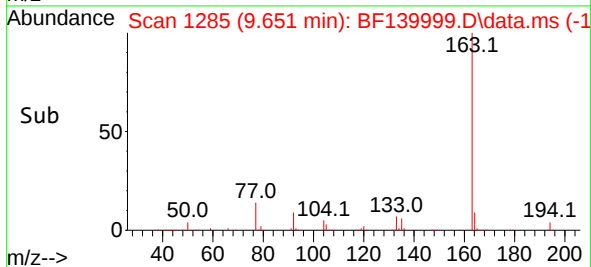
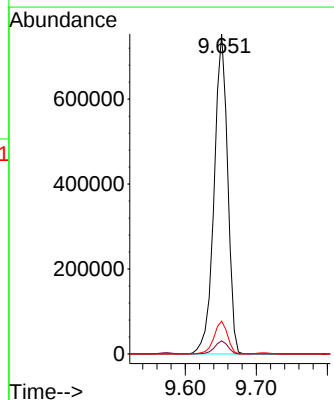
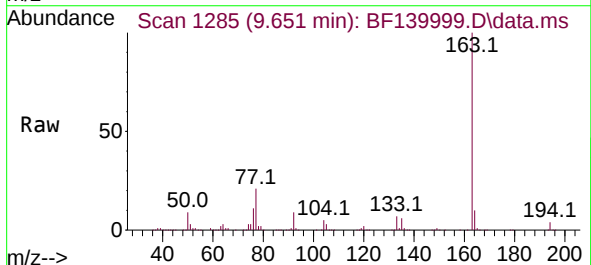
Instrument :
BNA_F
ClientSampleId :
PB164338BS

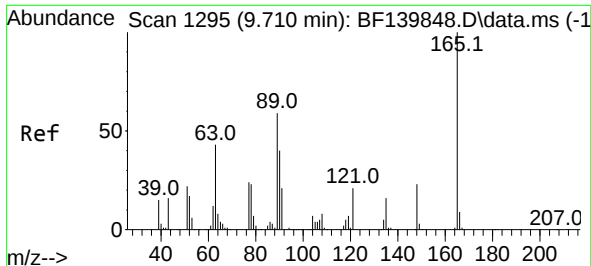
Tgt Ion:152 Resp: 1315457
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 48.225 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:163 Resp: 992418
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2

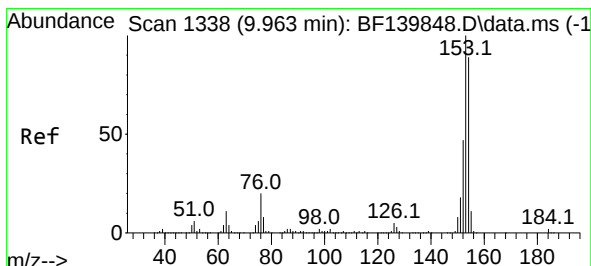
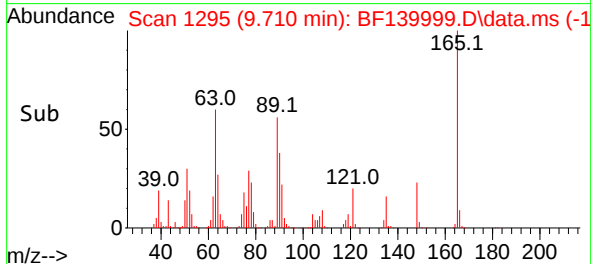
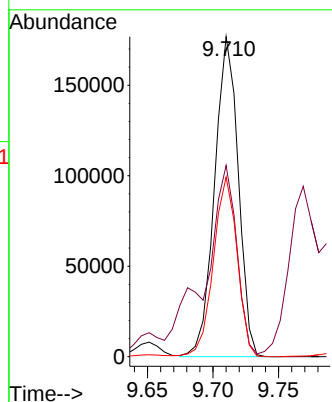
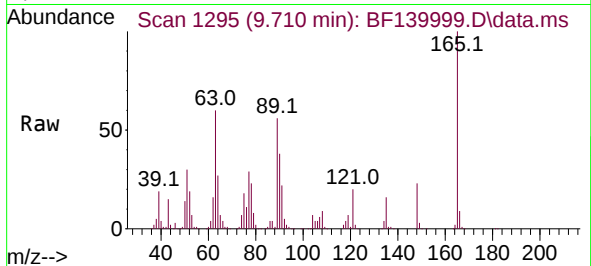




#51
2,6-Dinitrotoluene
Concen: 49.734 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

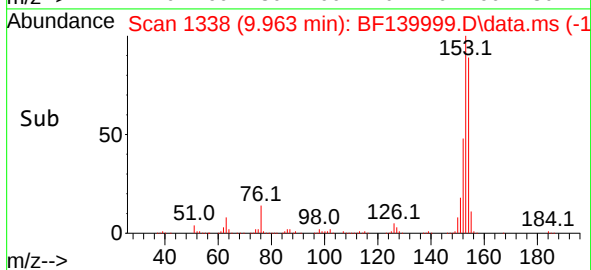
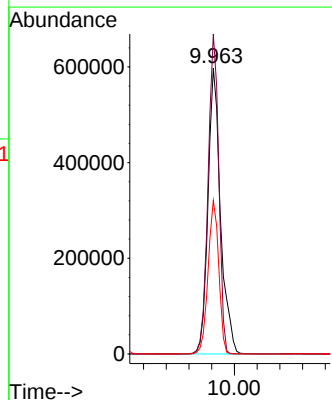
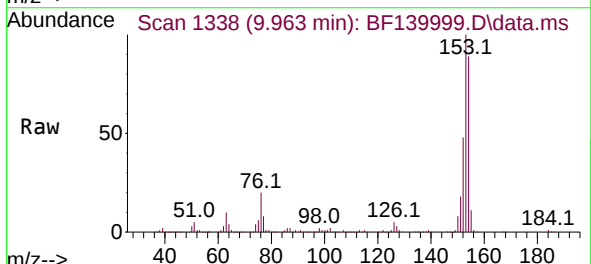
Instrument :
BNA_F
ClientSampleId :
PB164338BS

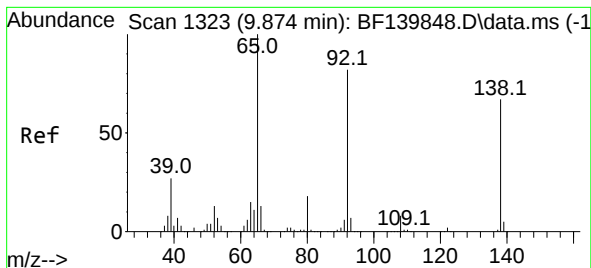
Tgt Ion:165 Resp: 221606
Ion Ratio Lower Upper
165 100
63 59.8 50.6 75.8
89 56.2 47.5 71.3



#52
Acenaphthene
Concen: 52.800 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:154 Resp: 914726
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.7 42.4 63.6





#53

3-Nitroaniline

Concen: 29.019 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

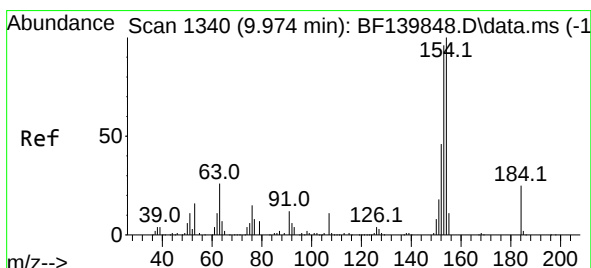
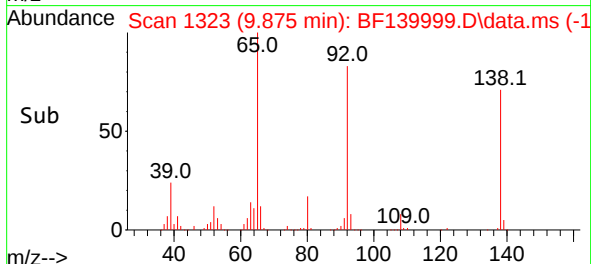
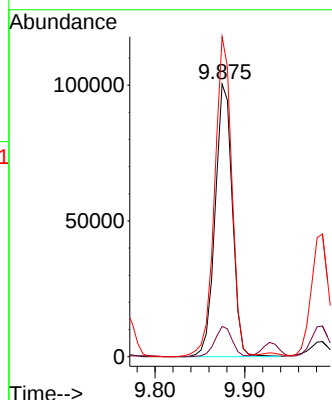
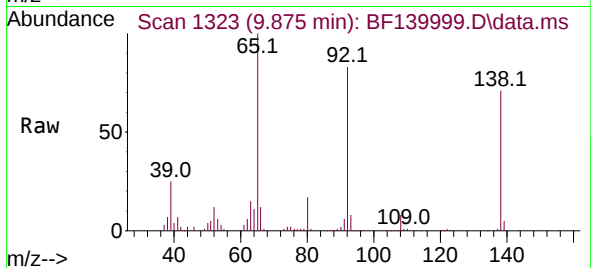
Tgt Ion:138 Resp: 133341

Ion Ratio Lower Upper

138 100

108 11.1 10.2 15.2

92 117.4 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 125.397 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.012 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

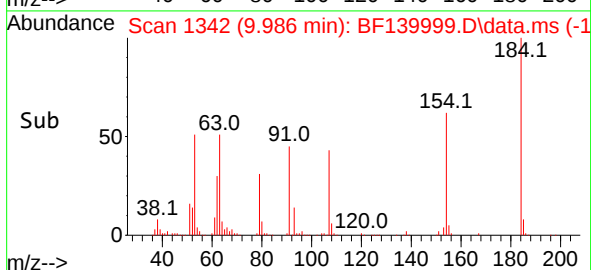
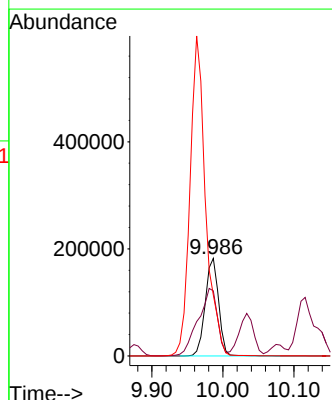
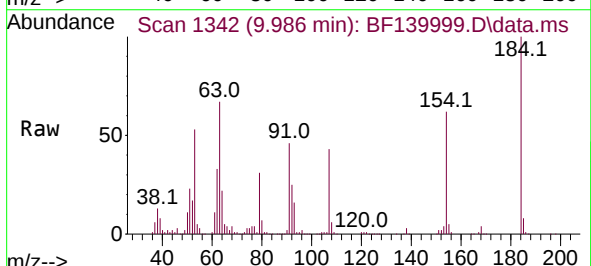
Tgt Ion:184 Resp: 239613

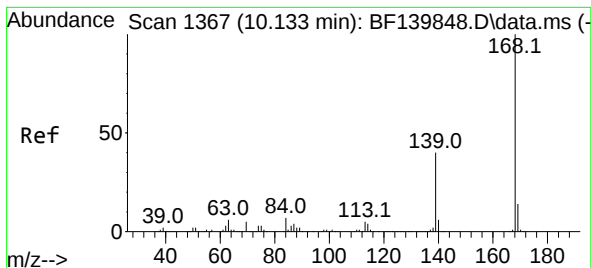
Ion Ratio Lower Upper

184 100

63 66.7 84.7 127.1#

154 62.4 338.2 507.2#





#55

Dibenzofuran

Concen: 47.155 ng

RT: 10.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

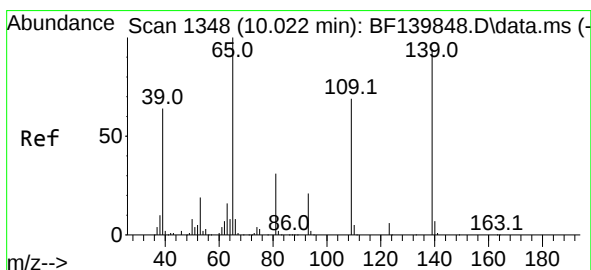
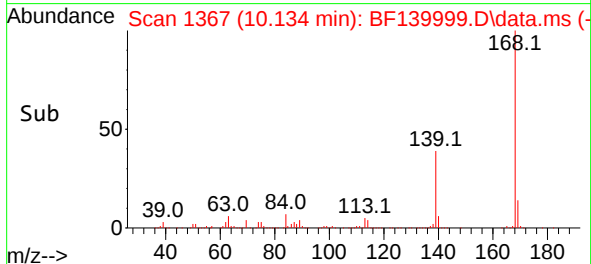
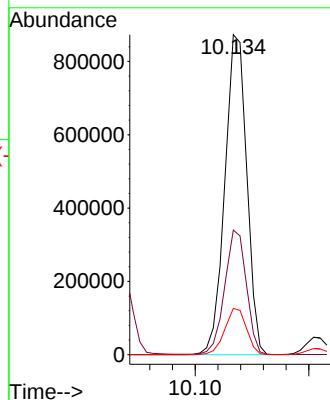
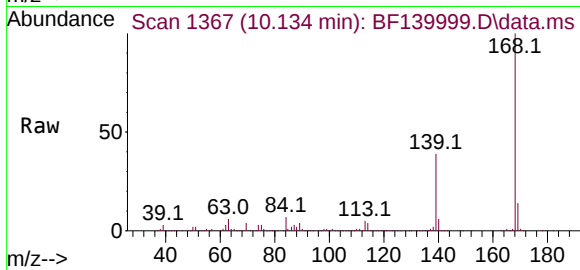
Tgt Ion:168 Resp: 1172099

Ion Ratio Lower Upper

168 100

139 38.9 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 101.124 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

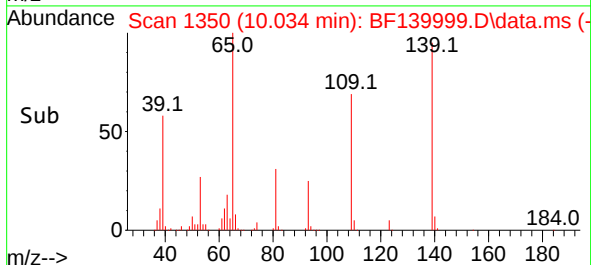
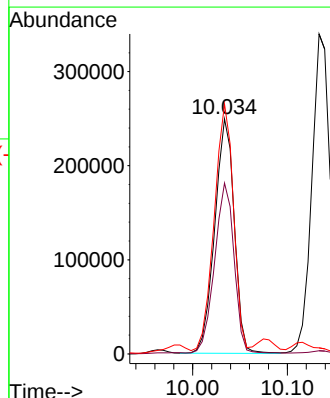
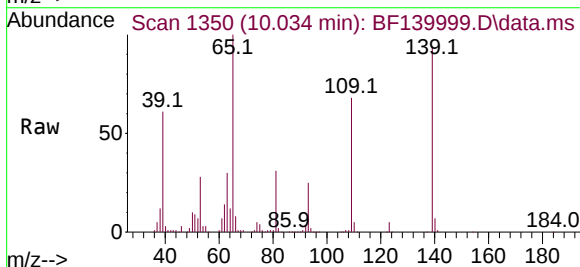
Tgt Ion:139 Resp: 357492

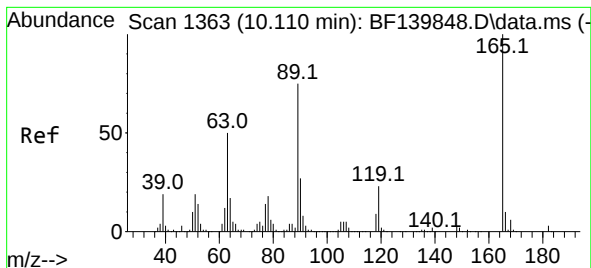
Ion Ratio Lower Upper

139 100

109 72.7 53.6 93.6

65 106.3 87.8 127.8

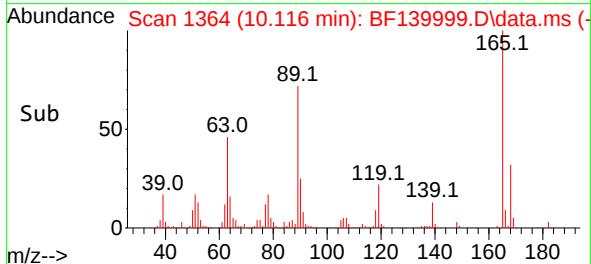
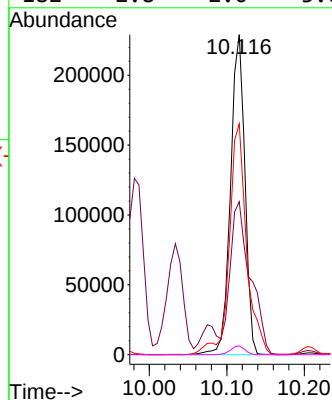
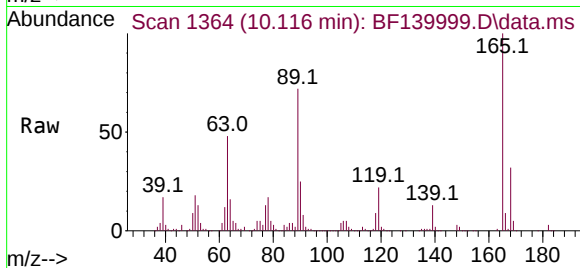




#57
2,4-Dinitrotoluene
Concen: 53.929 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

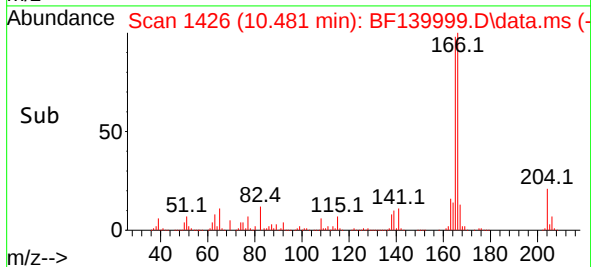
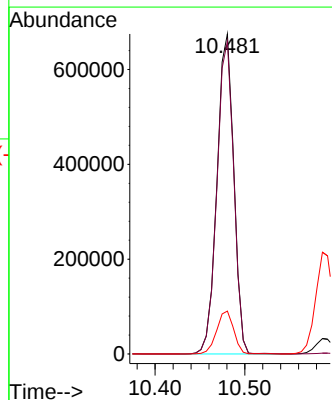
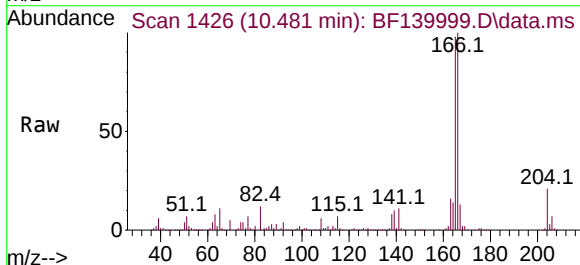
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion:165 Resp: 295502
Ion Ratio Lower Upper
165 100
63 47.8 40.1 60.1
89 72.1 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.320 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:166 Resp: 876917
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.4 10.9 16.3

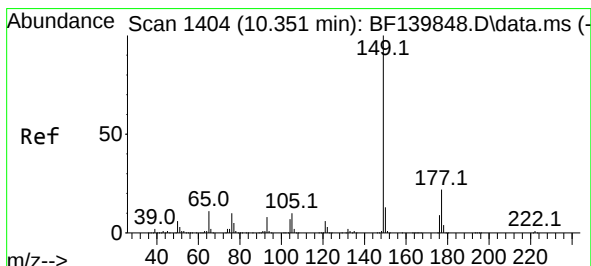
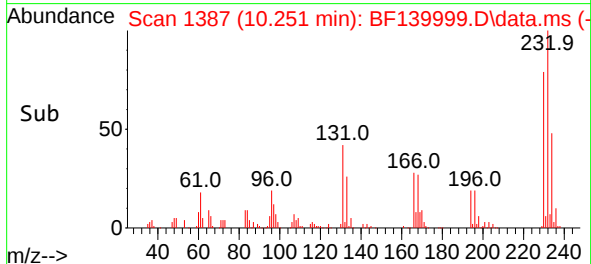
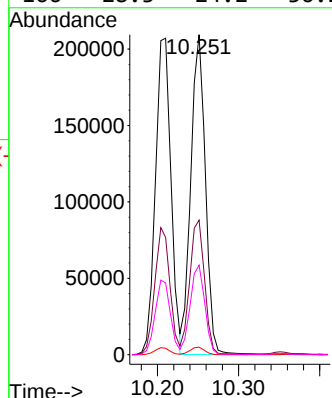
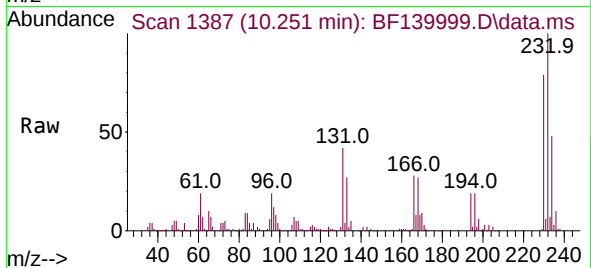




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.308 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

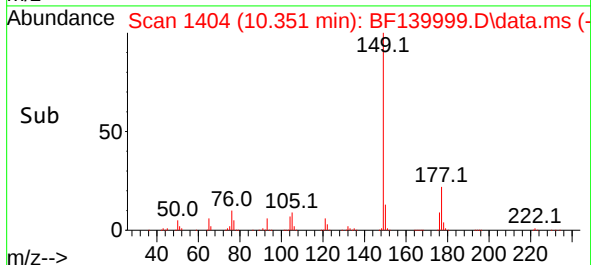
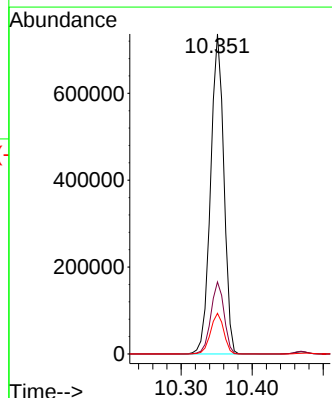
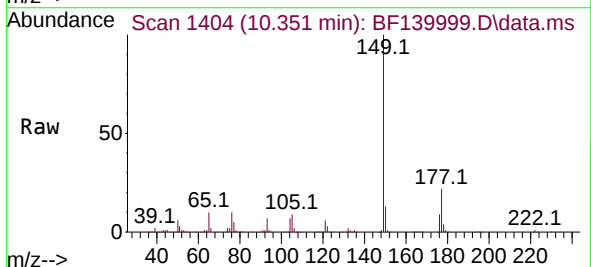
Instrument :
BNA_F
ClientSampleId :
PB164338BS

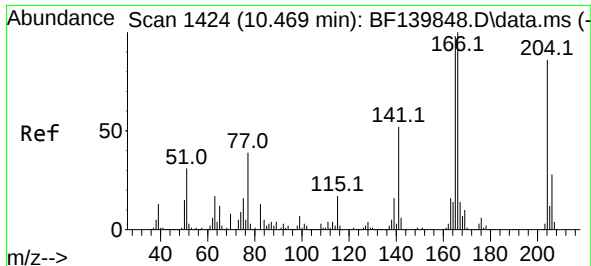
Tgt Ion:232 Resp: 261872
Ion Ratio Lower Upper
232 100
131 43.1 37.0 55.6
130 2.4 1.9 2.9
166 28.3 24.2 36.2



#60
Diethylphthalate
Concen: 47.315 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:149 Resp: 956022
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.7 10.1 15.1

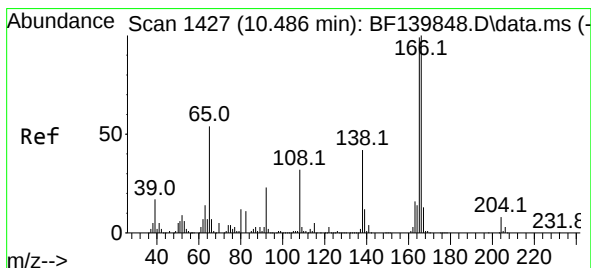
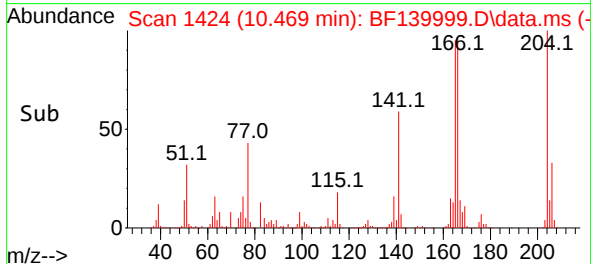
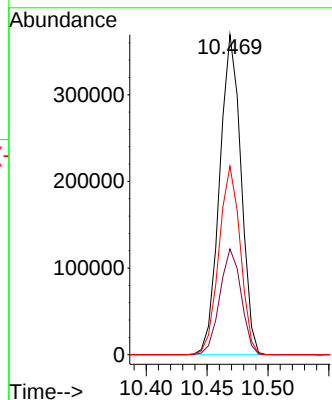
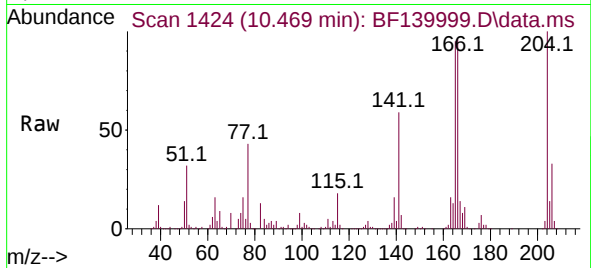




#61
4-Chlorophenyl-phenylether
Concen: 47.235 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

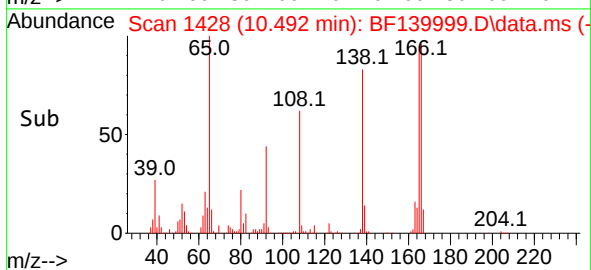
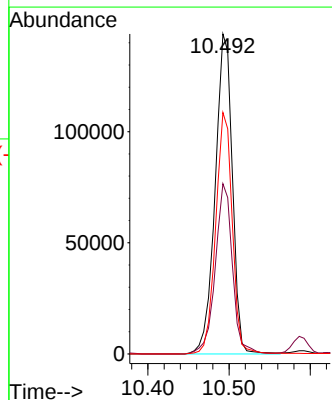
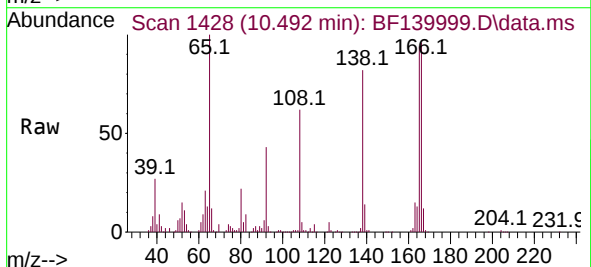
Instrument :
BNA_F
ClientSampleId :
PB164338BS

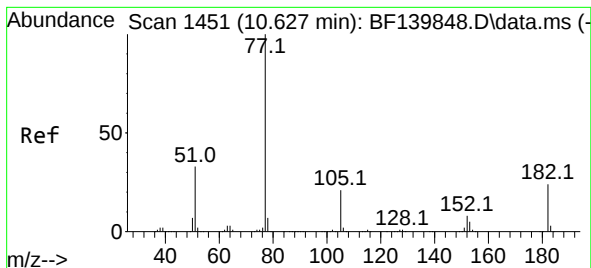
Tgt Ion:204 Resp: 451598
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 58.9 48.6 73.0



#62
4-Nitroaniline
Concen: 48.951 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:138 Resp: 212439
Ion Ratio Lower Upper
138 100
92 53.2 35.7 75.7
108 75.4 57.5 97.5

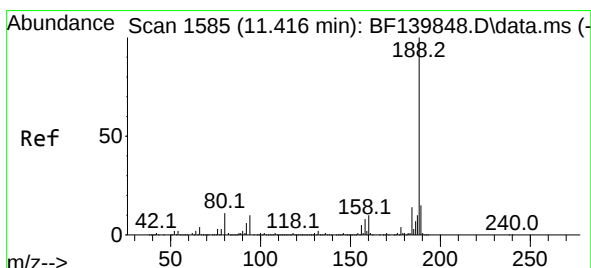
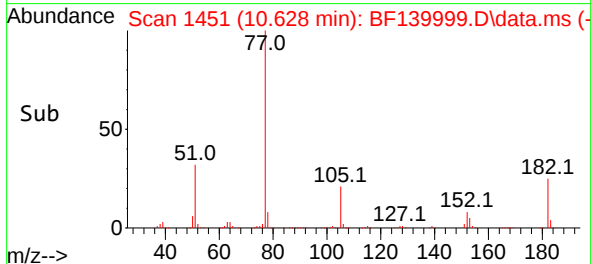
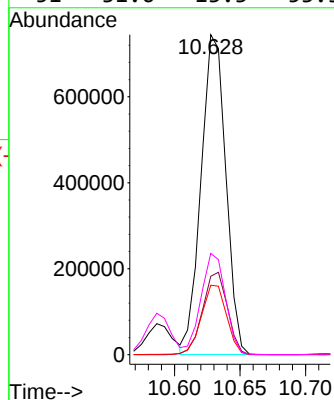
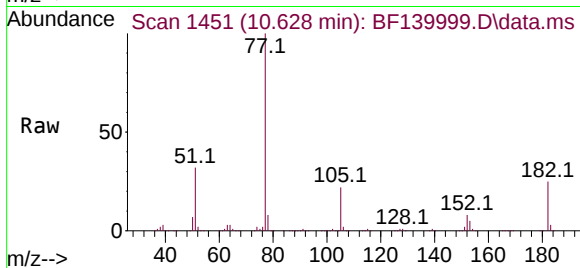




#63
Azobenzene
Concen: 45.688 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

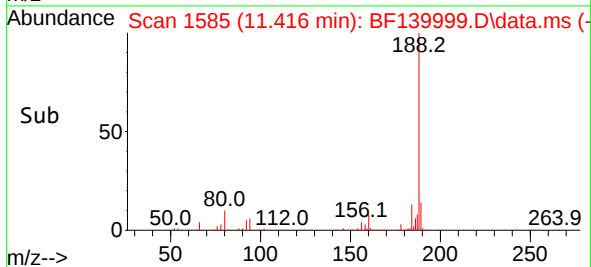
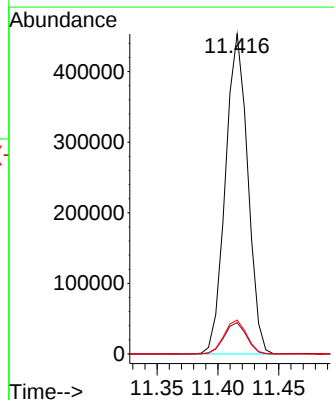
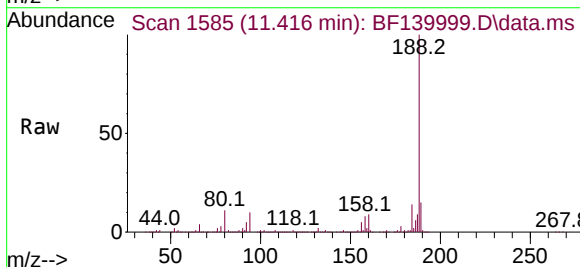
Instrument :
BNA_F
ClientSampleId :
PB164338BS

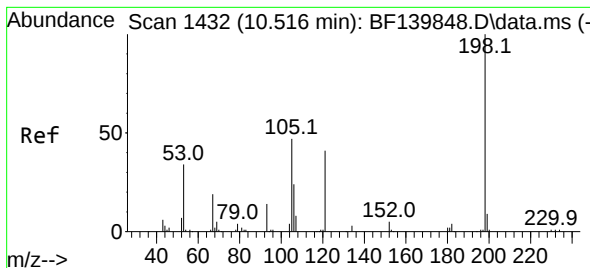
Tgt Ion: 77	Resp: 978683
Ion Ratio	Lower Upper
77 100	
182 24.5	3.3 43.3
105 21.7	1.2 41.2
51 31.6	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:188	Resp: 577654
Ion Ratio	Lower Upper
188 100	
94 9.8	7.9 11.9
80 10.6	9.0 13.4

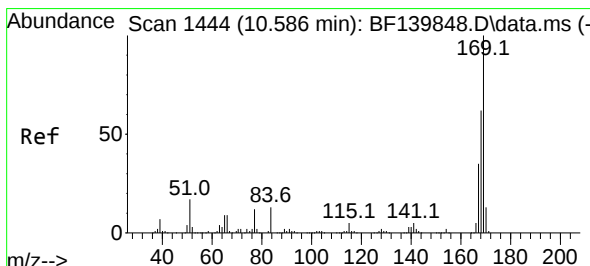
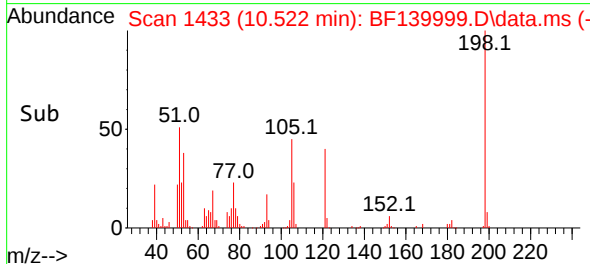
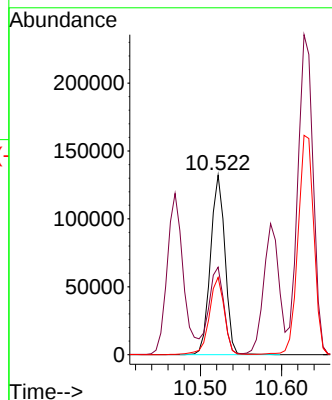
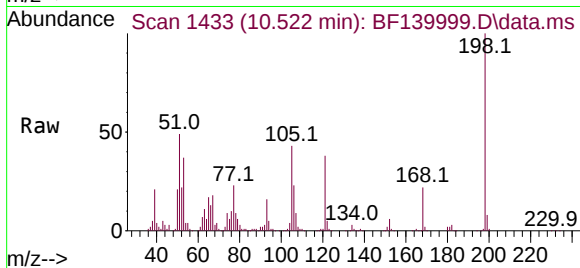




#65
4,6-Dinitro-2-methylphenol
Concen: 69.207 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

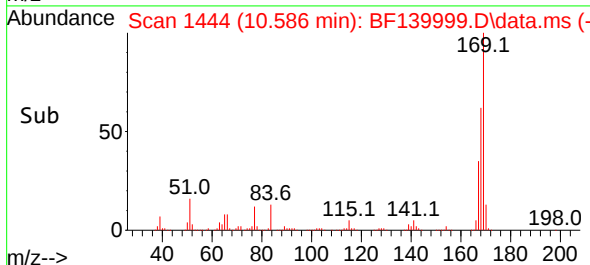
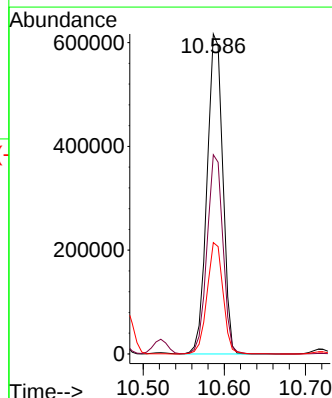
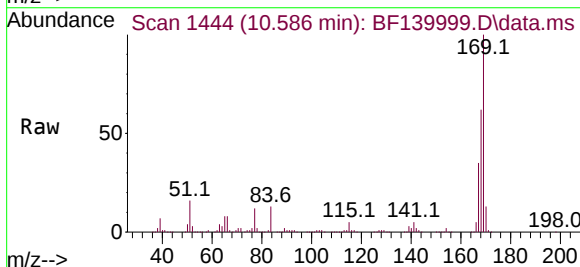
Instrument :
BNA_F
ClientSampleId :
PB164338BS

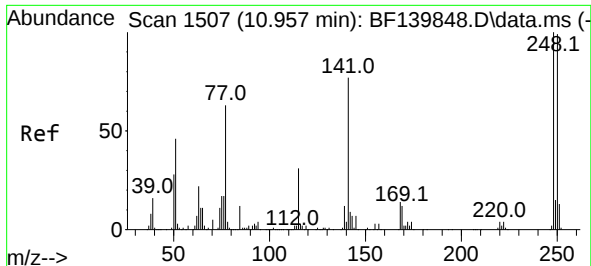
Tgt Ion:198 Resp: 163067
Ion Ratio Lower Upper
198 100
51 48.7 38.2 78.2
105 43.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.809 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:169 Resp: 826574
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.8 28.0 42.0

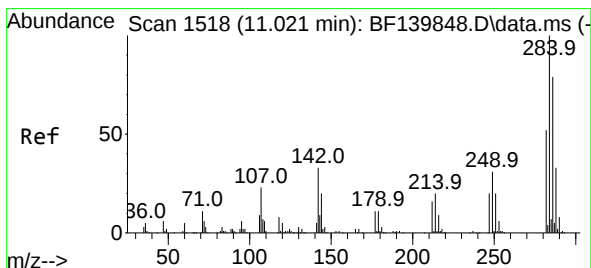
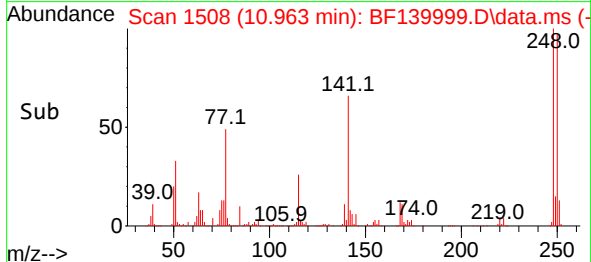
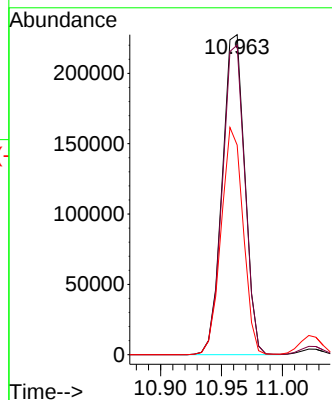
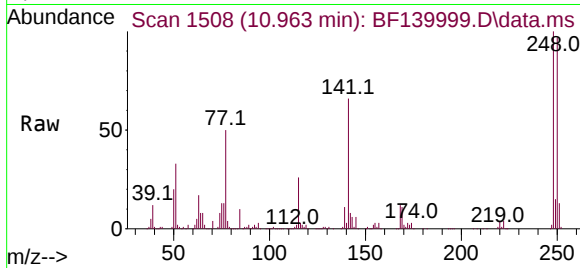




#67
4-Bromophenyl-phenylether
Concen: 49.235 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

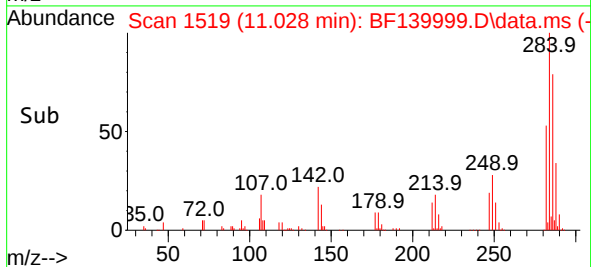
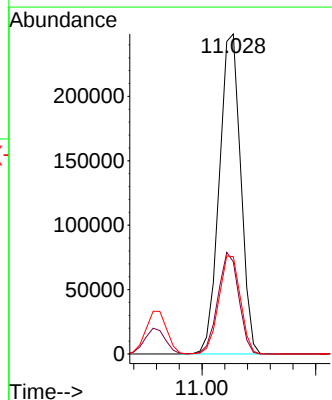
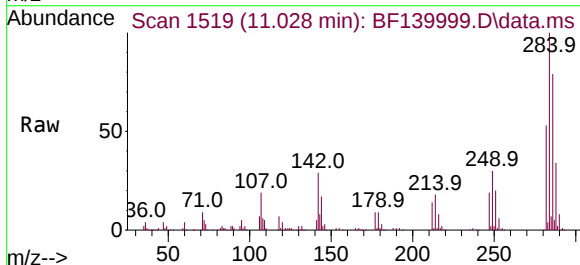
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion:248 Resp: 292991
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.6
141 65.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 48.599 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:284 Resp: 325261
Ion Ratio Lower Upper
284 100
142 28.8 26.9 40.3
249 30.4 25.3 37.9





#69

Atrazine

Concen: 57.540 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

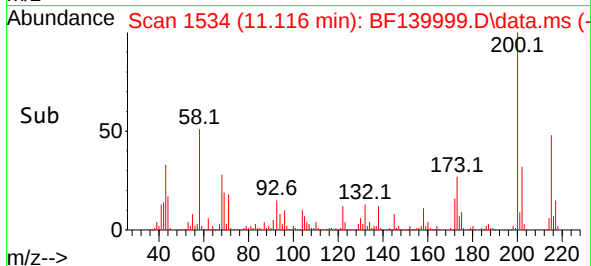
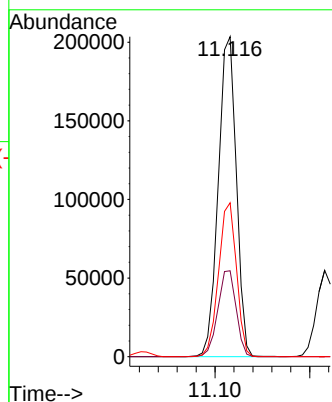
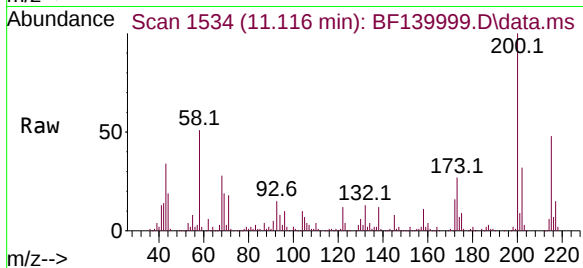
Tgt Ion:200 Resp: 269481

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 48.1 27.7 67.7



#70

Pentachlorophenol

Concen: 98.775 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

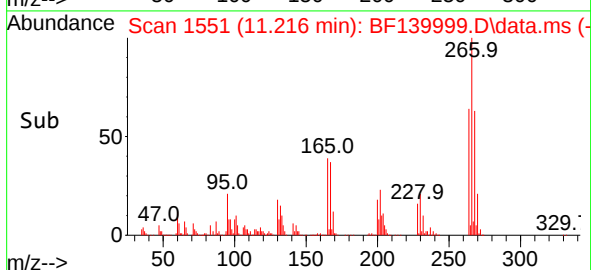
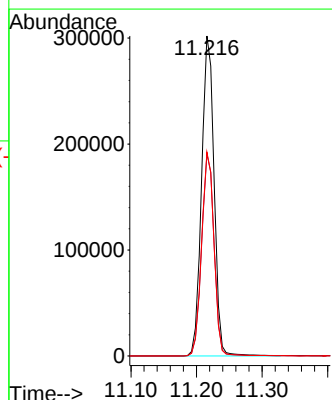
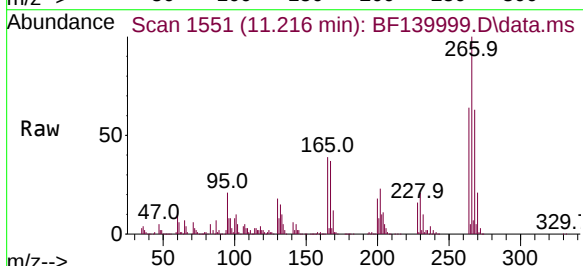
Tgt Ion:266 Resp: 401213

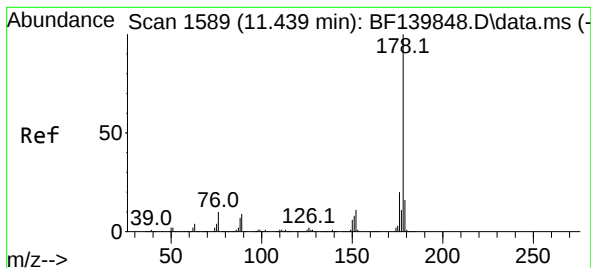
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 47.754 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

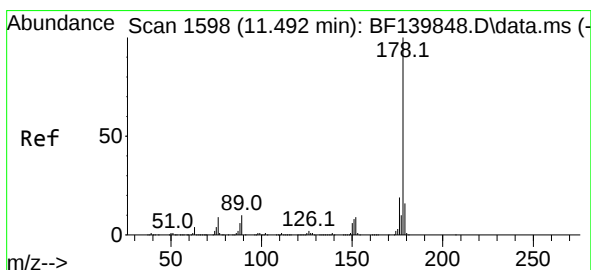
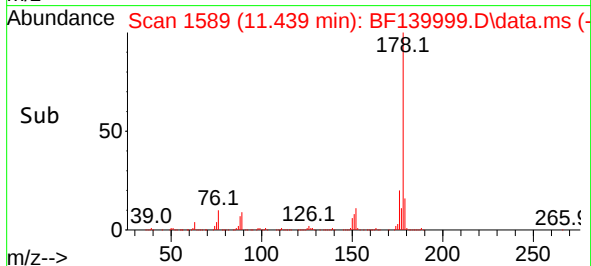
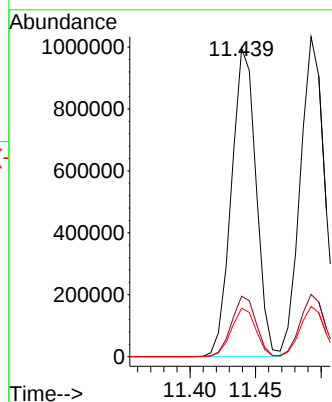
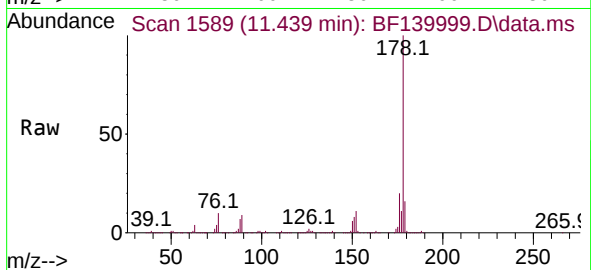
Tgt Ion:178 Resp: 1303002

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 49.428 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

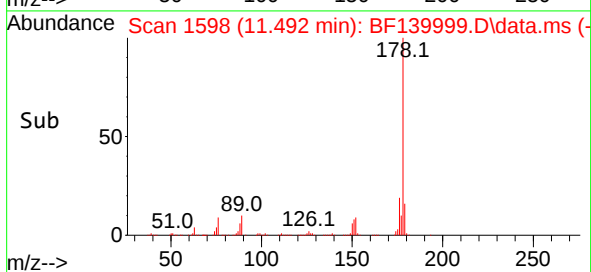
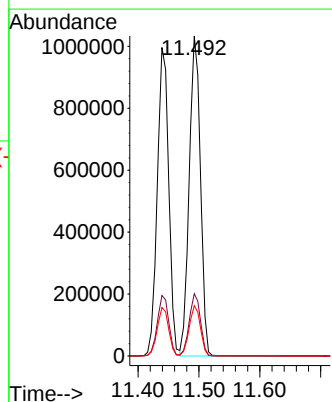
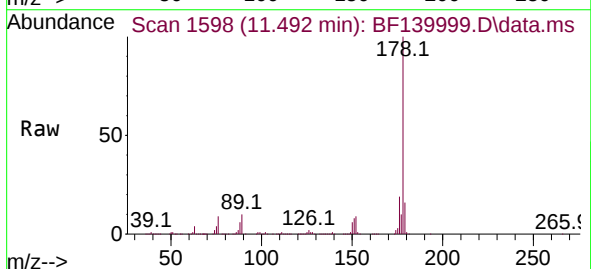
Tgt Ion:178 Resp: 1315899

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.496 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

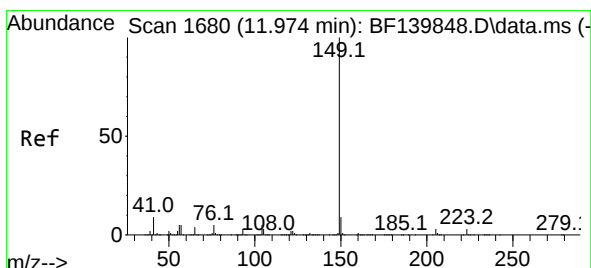
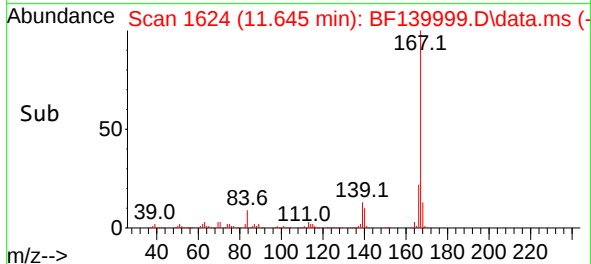
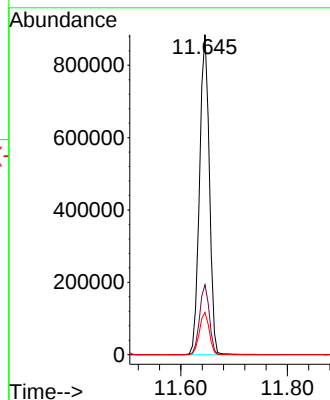
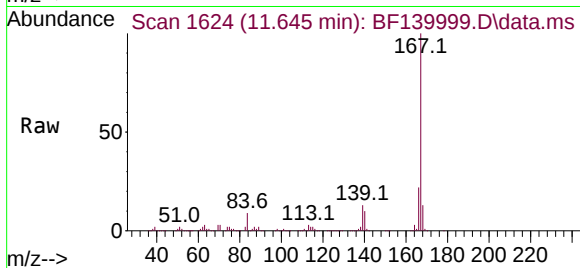
Tgt Ion:167 Resp: 1126467

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.709 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

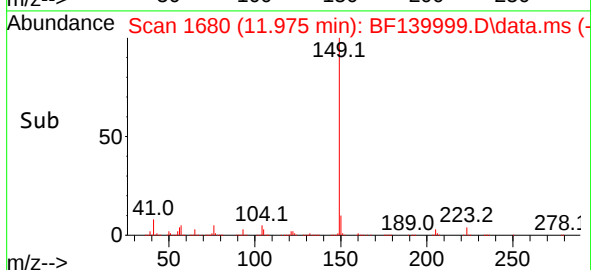
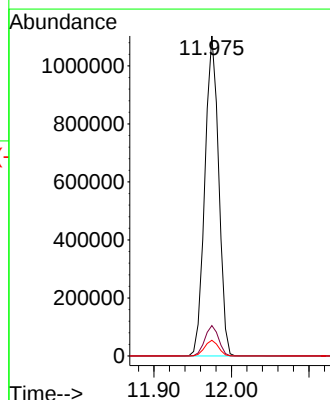
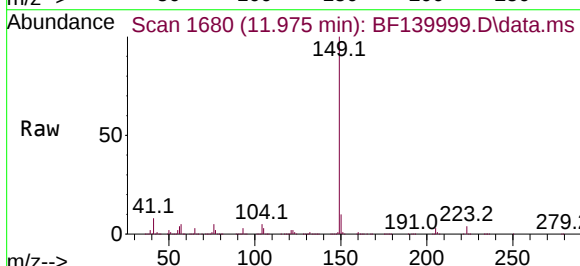
Tgt Ion:149 Resp: 1364728

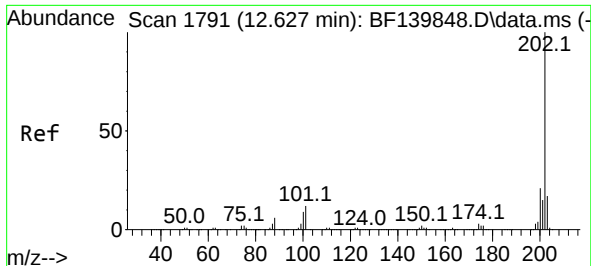
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.9 4.1 6.1

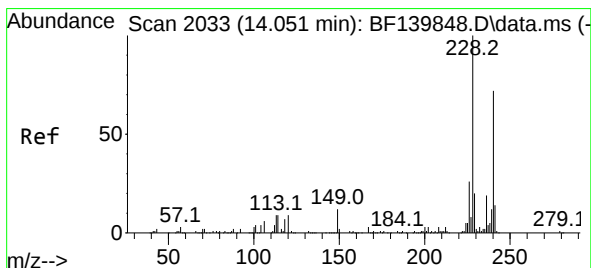
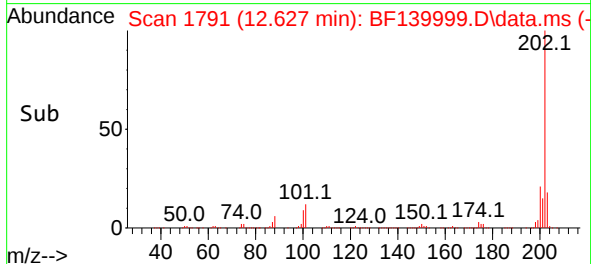
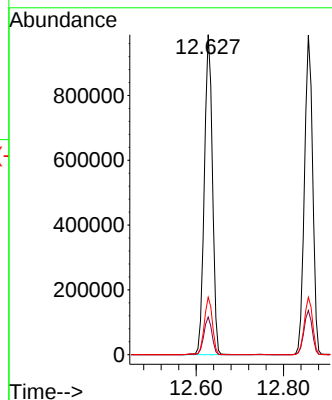
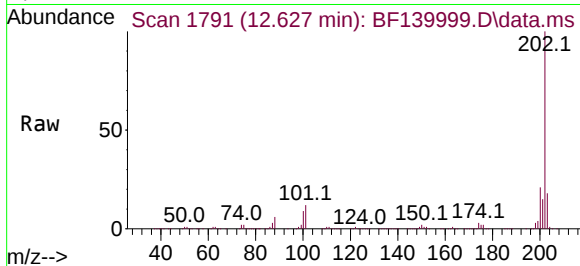




#75
Fluoranthene
Concen: 46.146 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

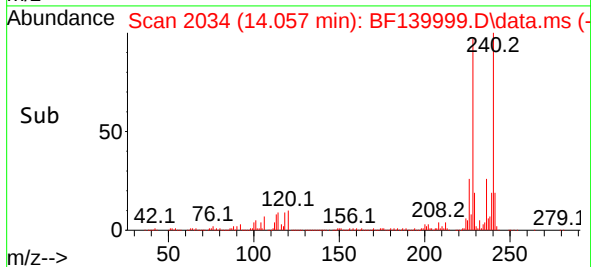
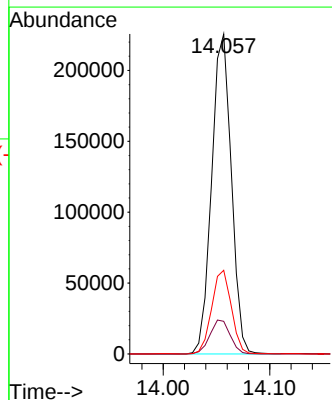
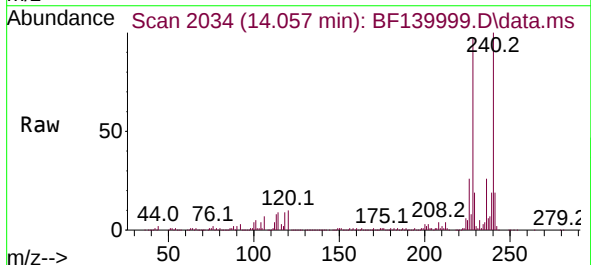
Instrument :
BNA_F
ClientSampleId :
PB164338BS

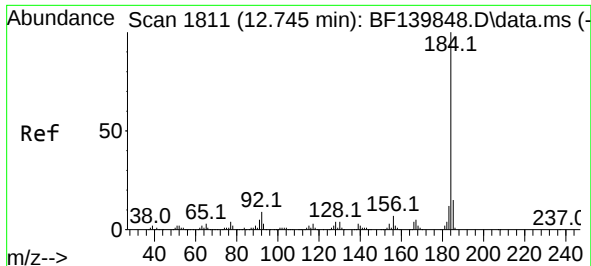
Tgt Ion:202 Resp: 1272889
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.9
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:240 Resp: 290000
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 26.1 20.9 31.3

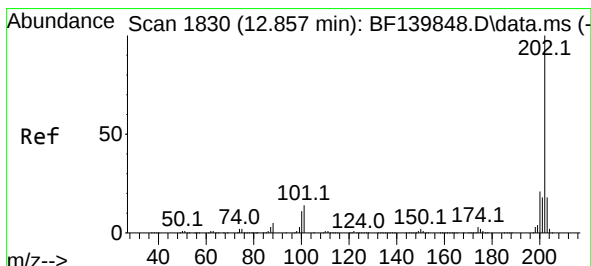
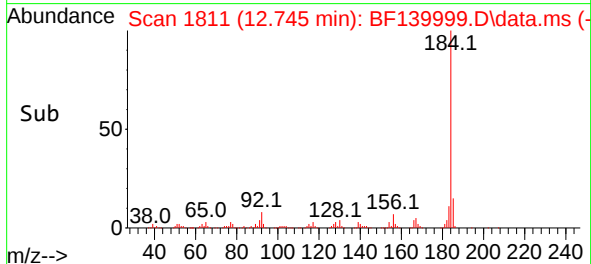
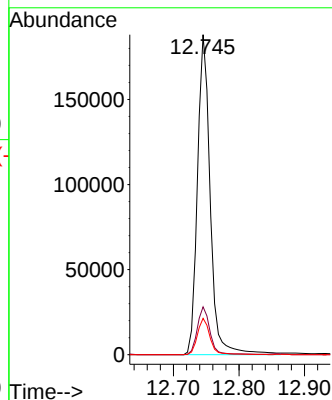
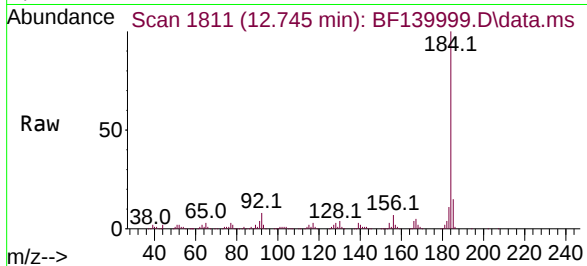




#77
Benzidine
Concen: 53.677 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

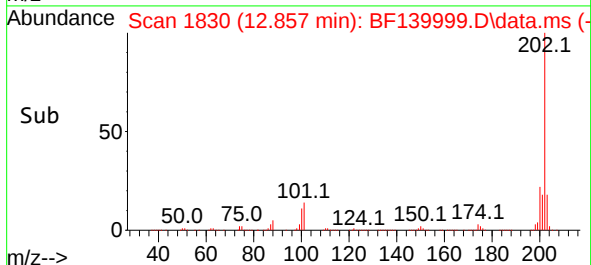
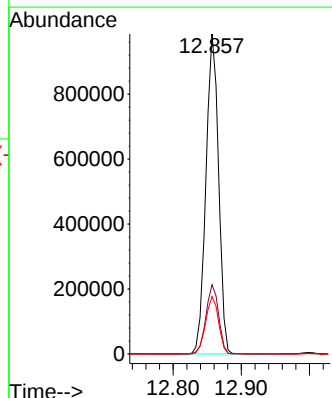
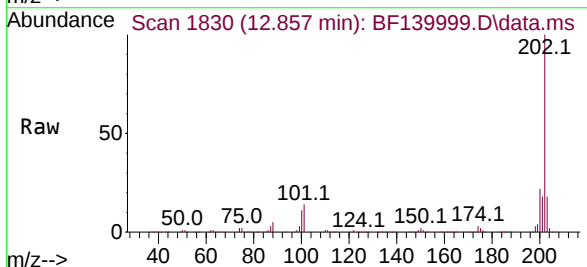
Instrument :
BNA_F
ClientSampleId :
PB164338BS

Tgt Ion:184 Resp: 255961
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 11.3 9.4 14.2



#78
Pyrene
Concen: 49.974 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:202 Resp: 1268575
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 101.286 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

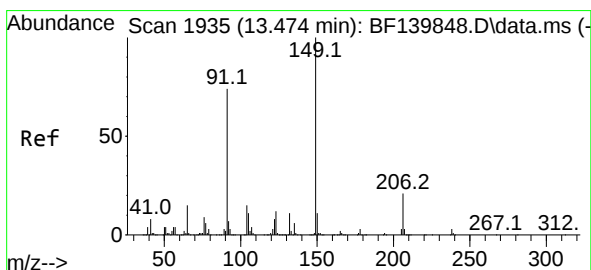
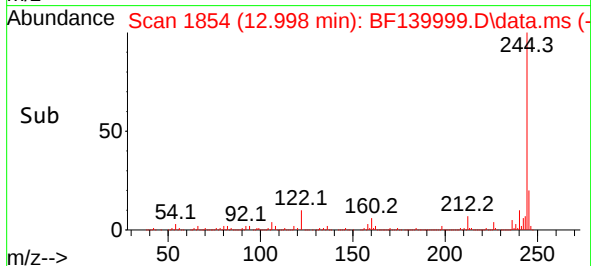
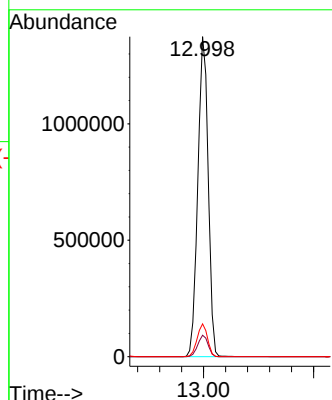
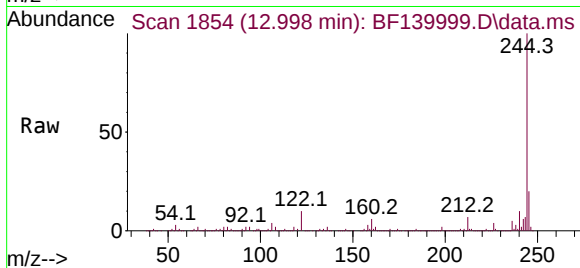
Tgt Ion:244 Resp: 1802591

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.2 8.6 13.0



#80

Butylbenzylphthalate

Concen: 54.272 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

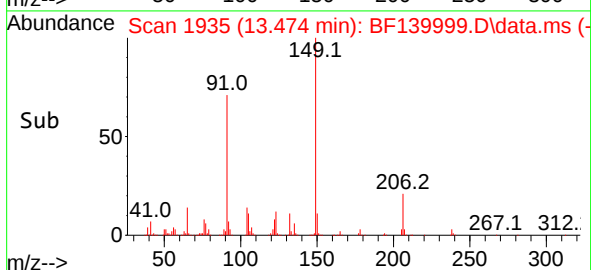
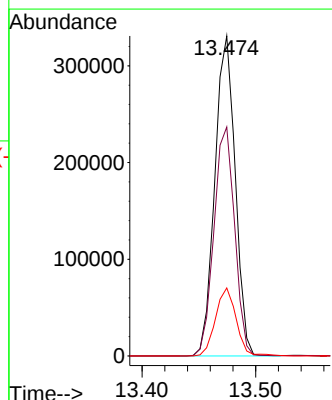
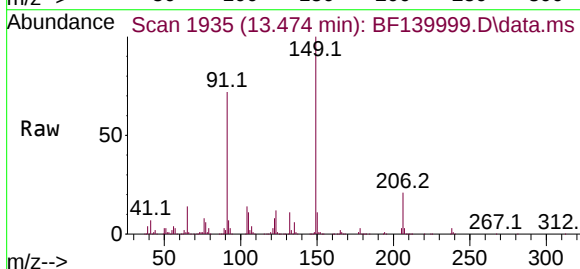
Tgt Ion:149 Resp: 413031

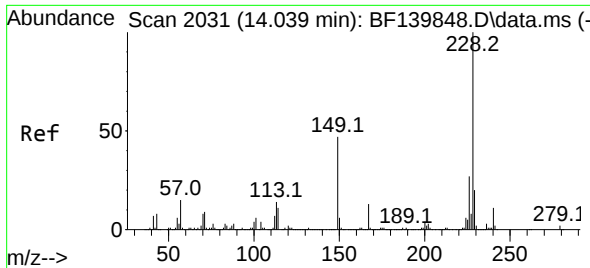
Ion Ratio Lower Upper

149 100

91 71.5 59.4 89.2

206 21.2 16.4 24.6

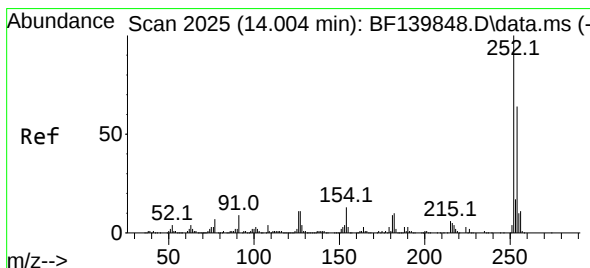
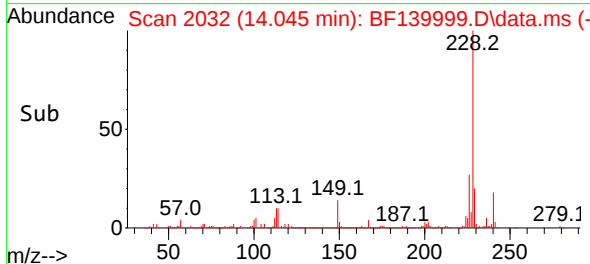
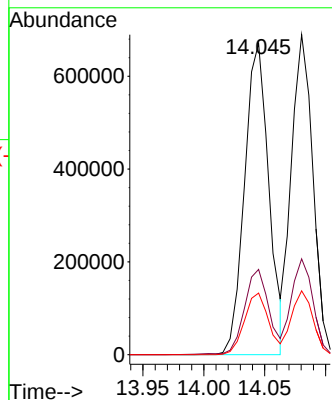
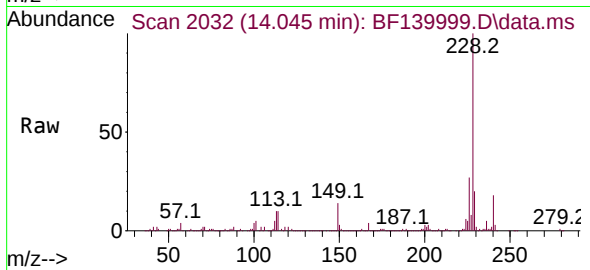




#81
Benzo(a)anthracene
Concen: 49.383 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

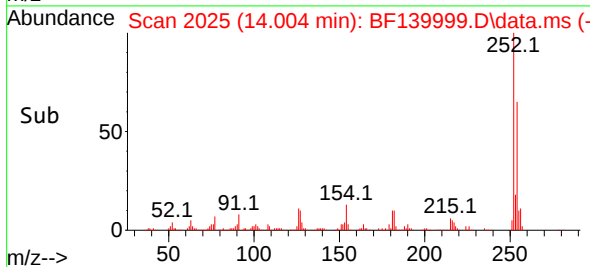
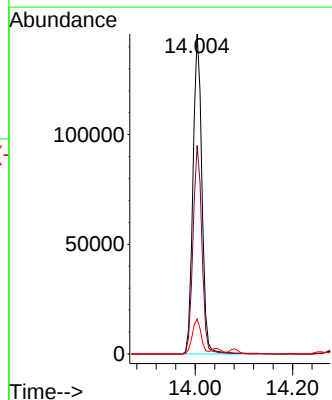
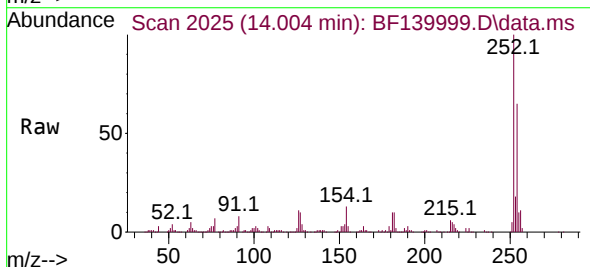
Instrument :
BNA_F
ClientSampleId :
PB164338BS

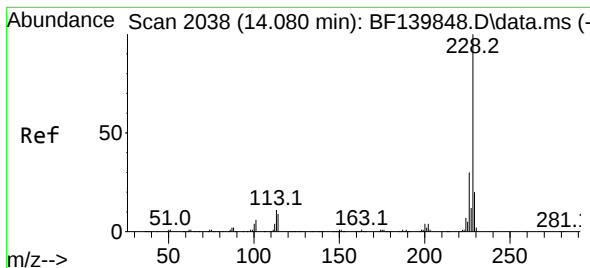
Tgt Ion:228 Resp: 932259
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 33.868 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:252 Resp: 186417
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 10.9 8.9 13.3





#83

Chrysene

Concen: 48.970 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

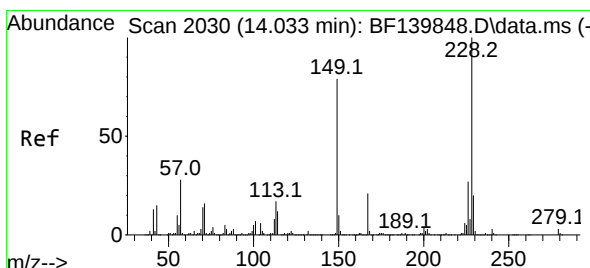
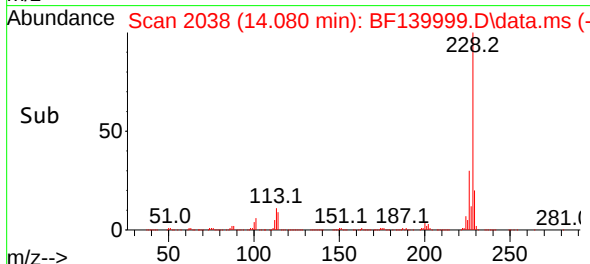
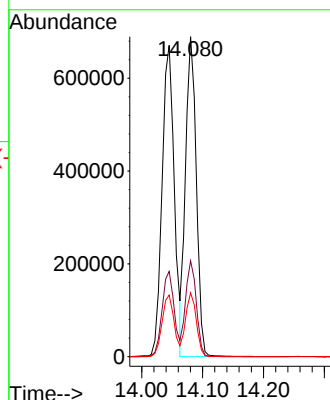
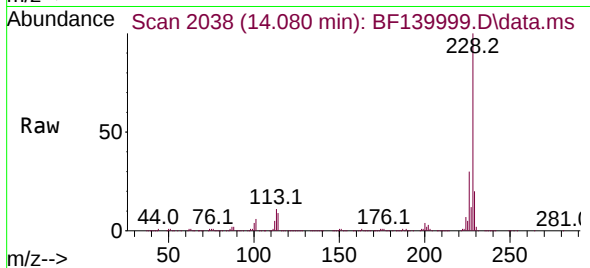
Tgt Ion:228 Resp: 847620

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.112 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

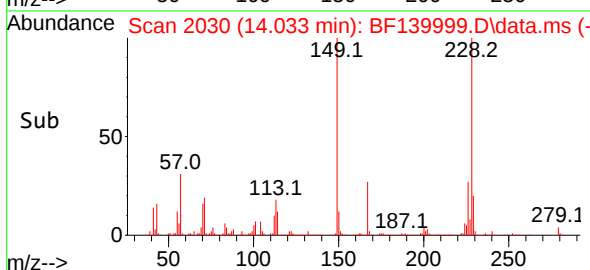
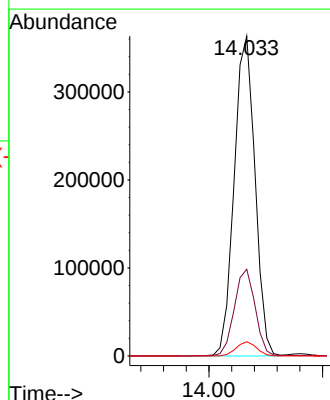
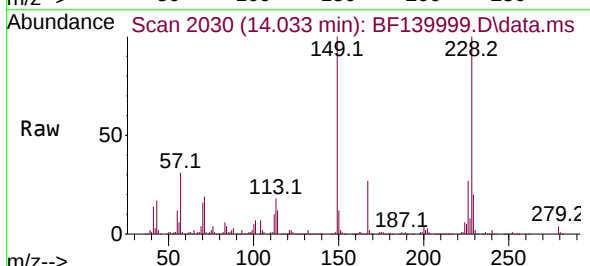
Tgt Ion:149 Resp: 462032

Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.5 3.0 4.4#

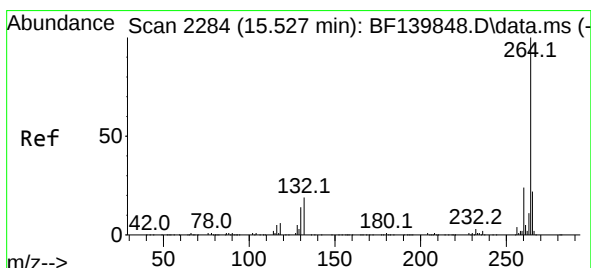
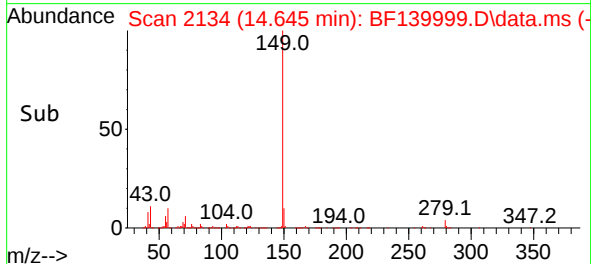
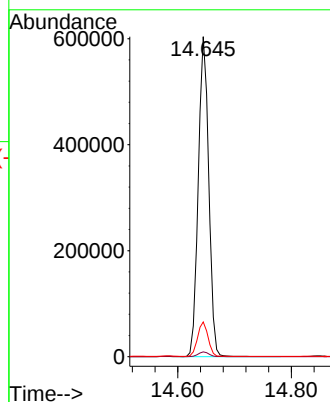
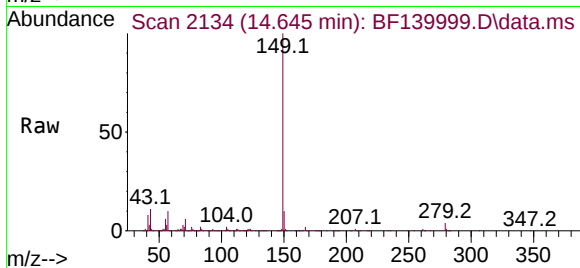




#85
Di-n-octyl phthalate
Concen: 49.959 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

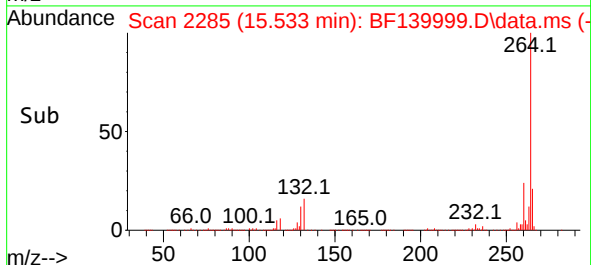
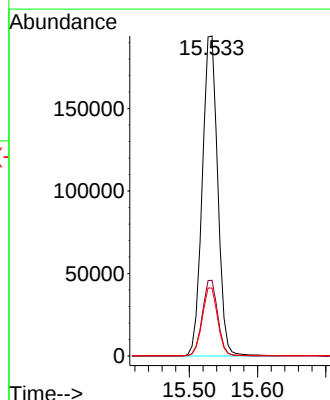
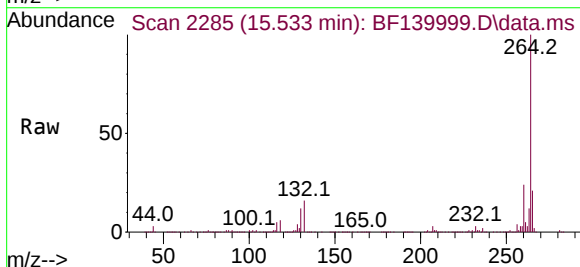
Instrument :
BNA_F
ClientSampleId :
PB164338BS

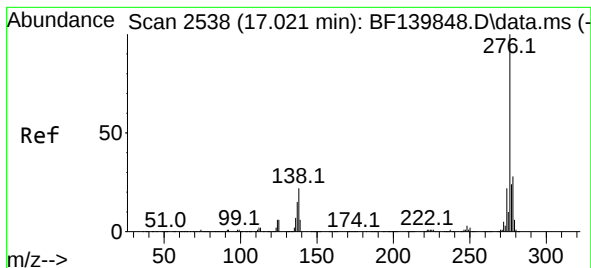
Tgt Ion:149 Resp: 775889
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139999.D
Acq: 24 Oct 2024 14:19

Tgt Ion:264 Resp: 306030
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.015 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

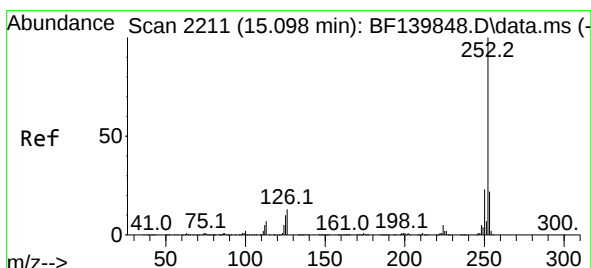
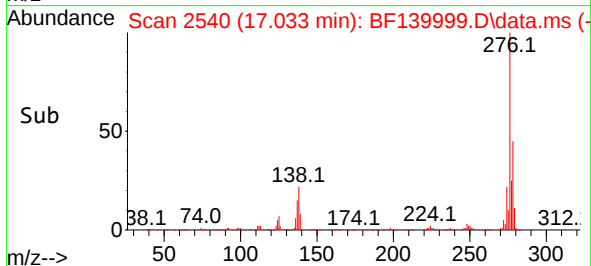
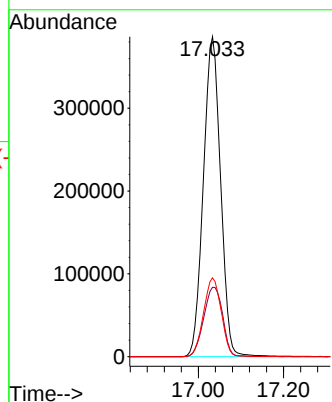
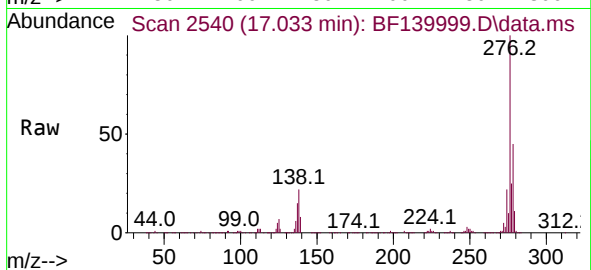
Tgt Ion:276 Resp: 1083118

Ion Ratio Lower Upper

276 100

138 23.9 20.4 30.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.297 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

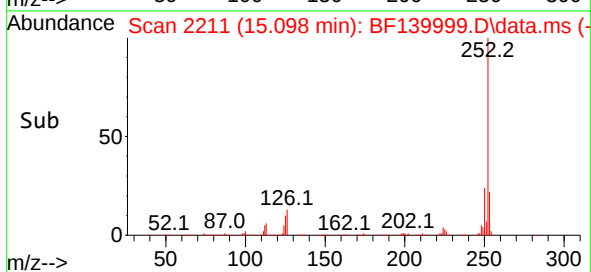
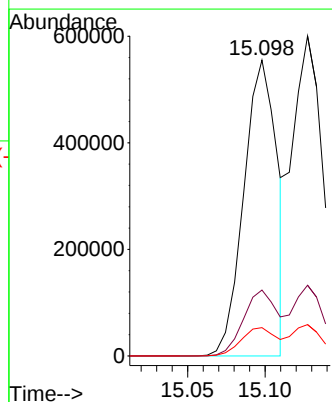
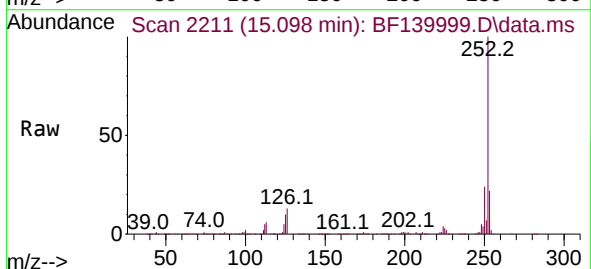
Tgt Ion:252 Resp: 825777

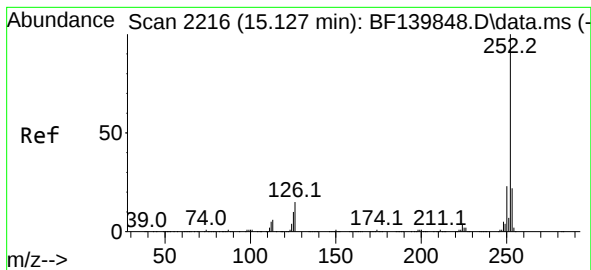
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.970 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

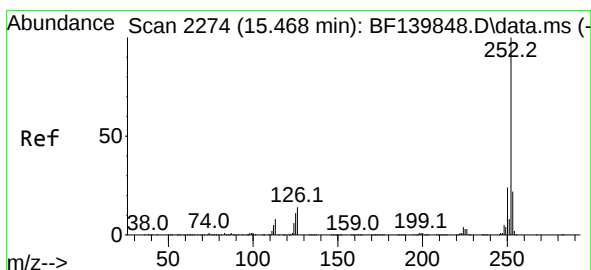
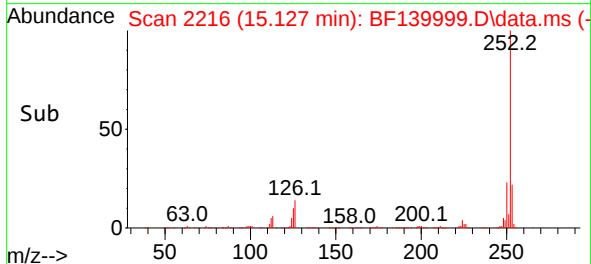
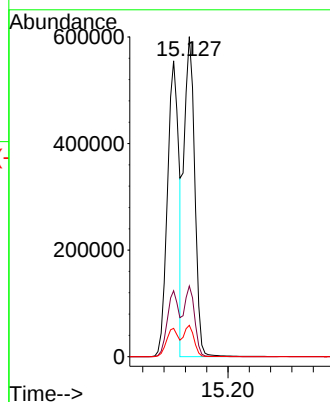
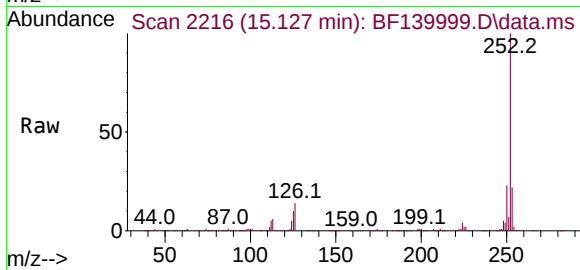
Tgt Ion:252 Resp: 835531

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 52.975 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

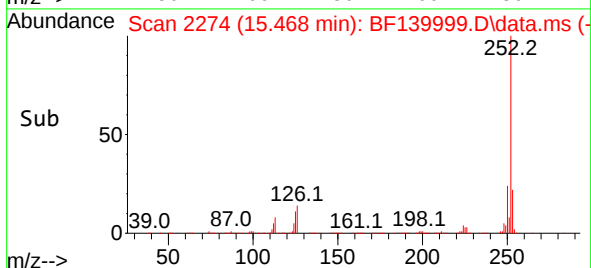
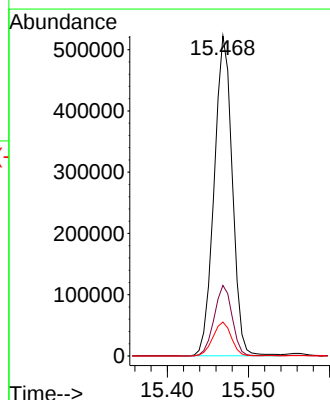
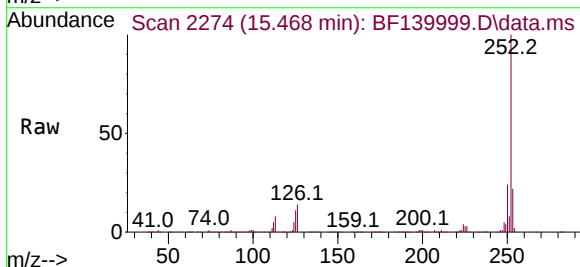
Tgt Ion:252 Resp: 812600

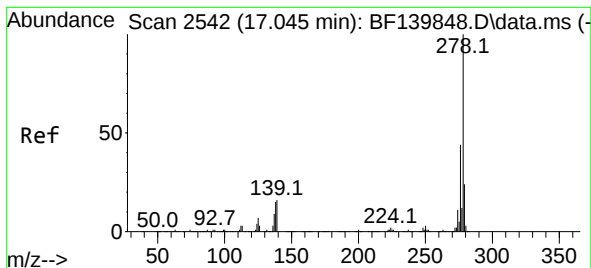
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 54.125 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164338BS

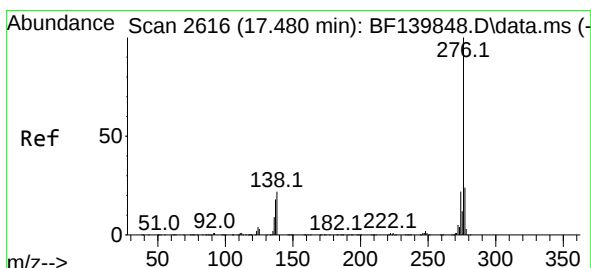
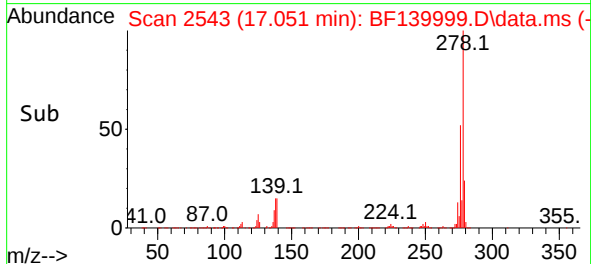
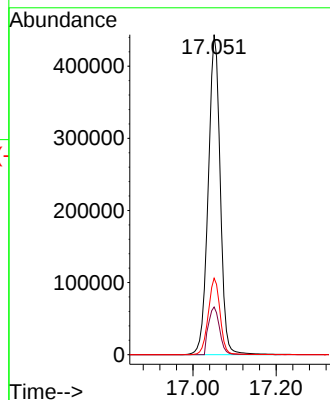
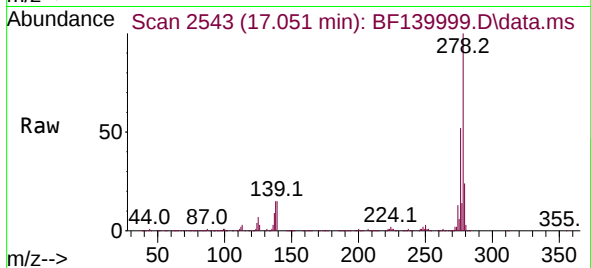
Tgt Ion:278 Resp: 888950

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 50.336 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139999.D

Acq: 24 Oct 2024 14:19

Tgt Ion:276 Resp: 825777

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 20.6 17.4 26.0

