

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139507.D
 Acq On : 20 Sep 2024 17:52
 Operator : RC/JU
 Sample : P4103-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMSD

Quant Time: Sep 20 18:21:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	71206	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245793	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	113109	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	188079	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	100035	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	80990	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	511334	117.148	ng	0.02
7) Phenol-d6	6.516	99	652050	113.812	ng	0.01
23) Nitrobenzene-d5	7.445	82	460641	88.104	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	138134	114.712	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	747985	92.748	ng	0.00
79) Terphenyl-d14	12.980	244	666491	109.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	56881	32.481	ng	# 76
3) Pyridine	3.493	79	137372	35.579	ng	98
4) n-Nitrosodimethylamine	3.428	42	116661	34.860	ng	87
6) Aniline	6.616	93	224562	51.939	ng	# 55
8) 2-Chlorophenol	6.669	128	181130	40.313	ng	98
9) Benzaldehyde	6.428	77	23794	7.188	ng	99
10) Phenol	6.528	94	220387	37.769	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	224562	50.634	ng	95
12) 1,3-Dichlorobenzene	6.822	146	154294	30.195	ng	97
13) 1,4-Dichlorobenzene	6.898	146	156689	30.344	ng	98
14) 1,2-Dichlorobenzene	7.045	146	155389	31.847	ng	98
15) Benzyl Alcohol	7.022	79	164918	36.080	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	301277	44.079	ng	84
17) 2-Methylphenol	7.140	107	150830	42.252	ng	98
18) Hexachloroethane	7.392	117	55780	28.361	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	141595	41.706	ng	97
20) 3+4-Methylphenols	7.293	107	197109	40.472	ng	95
22) Acetophenone	7.287	105	258167	40.177	ng	97
24) Nitrobenzene	7.463	77	212092	39.414	ng	98
25) Isophorone	7.698	82	376693	45.556	ng	99
26) 2-Nitrophenol	7.775	139	92852	44.290	ng	92
27) 2,4-Dimethylphenol	7.816	122	147414	53.307	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	217853	46.228	ng	98
29) 2,4-Dichlorophenol	8.028	162	153323	43.643	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	145133	35.456	ng	98
31) Naphthalene	8.181	128	499571	38.932	ng	100
32) Benzoic acid	7.928	122	99808	38.567	ng	89
33) 4-Chloroaniline	8.275	127	24900	6.343	ng	98
34) Hexachlorobutadiene	8.298	225	93901	33.765	ng	99
35) Caprolactam	8.598	113	36265	33.558	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	163173	40.641	ng	96
37) 2-Methylnaphthalene	8.875	142	326715	40.113	ng	98
38) 1-Methylnaphthalene	8.975	142	302201	37.793	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	155428	46.366	ng	99
41) Hexachlorocyclopentadiene	9.022	237	86325	73.754	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	103684	47.541	ng	99

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 QLast Update : Sat Sep 14 02:58:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	107187	46.593	ng	97
46) 1,1'-Biphenyl	9.334	154	403144	46.329	ng	99
47) 2-Chloronaphthalene	9.363	162	286768	44.075	ng	99
48) 2-Nitroaniline	9.457	65	113368	46.846	ng	98
49) Acenaphthylene	9.775	152	468755	47.862	ng	99
50) Dimethylphthalate	9.634	163	368299	49.610	ng	100
51) 2,6-Dinitrotoluene	9.698	165	74721	45.434	ng	95
52) Acenaphthene	9.951	154	318245	46.558	ng	100
53) 3-Nitroaniline	9.869	138	37452	22.787	ng	94
54) 2,4-Dinitrophenol	9.975	184	55604	60.676	ng	# 87
55) Dibenzofuran	10.122	168	424399	44.545	ng	95
56) 4-Nitrophenol	10.034	139	106094	78.011	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	97973	44.125	ng	96
58) Fluorene	10.463	166	326915	42.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	88390	46.447	ng	94
60) Diethylphthalate	10.333	149	351534	45.886	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	161397	42.722	ng	95
62) 4-Nitroaniline	10.481	138	63145	35.202	ng	90
63) Azobenzene	10.616	77	318658	42.290	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	35441	35.703	ng	89
66) n-Nitrosodiphenylamine	10.575	169	267664	48.677	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	90738	48.684	ng	97
68) Hexachlorobenzene	11.010	284	101524	46.413	ng	98
69) Atrazine	11.098	200	59357	45.342	ng	99
70) Pentachlorophenol	11.204	266	131843	100.448	ng	97
71) Phenanthrene	11.428	178	449246	49.509	ng	100
72) Anthracene	11.475	178	451163	50.853	ng	99
73) Carbazole	11.633	167	418600	49.298	ng	99
74) Di-n-butylphthalate	11.957	149	476319	50.356	ng	99
75) Fluoranthene	12.616	202	487126	50.269	ng	99
77) Benzidine	12.745	184	43271	30.192	ng	99
78) Pyrene	12.839	202	490496	57.105	ng	100
80) Butylbenzylphthalate	13.457	149	178858	61.177	ng	98
81) Benzo(a)anthracene	14.027	228	332917	50.242	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	37010	19.072	ng	99
83) Chrysene	14.063	228	309698	50.802	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	210180	56.511	ng	99
85) Di-n-octyl phthalate	14.627	149	292207	53.348	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.986	276	221703	46.036	ng	97
88) Benzo(b)fluoranthene	15.080	252	242720	48.593	ng	99
89) Benzo(k)fluoranthene	15.110	252	234976	51.021	ng	99
90) Benzo(a)pyrene	15.445	252	220085	53.128	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	186565	46.882	ng	98
92) Benzo(g,h,i)perylene	17.433	276	163763	41.562	ng	# 97

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

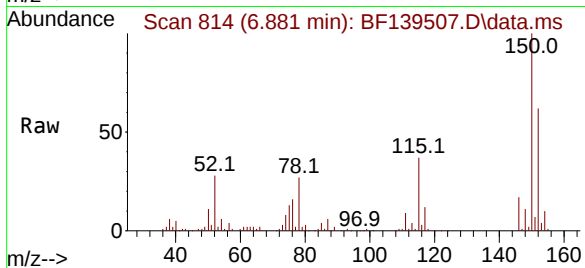
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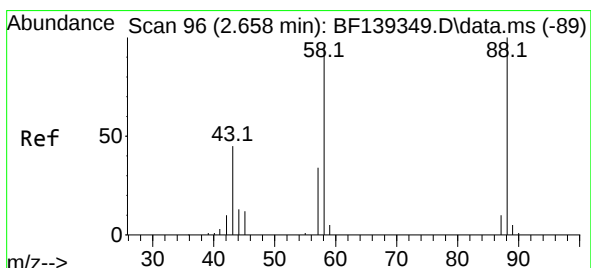
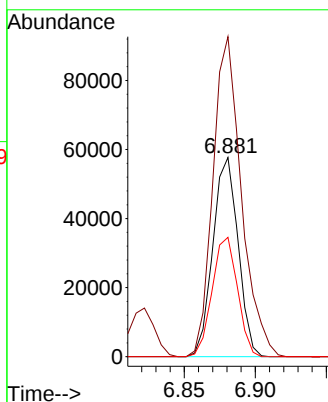
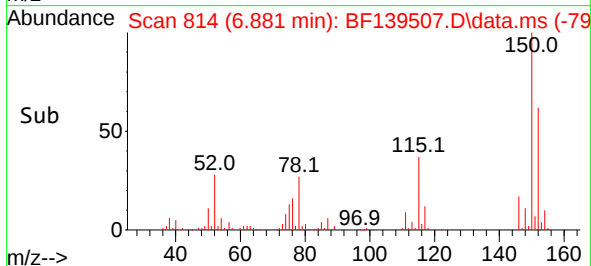


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52

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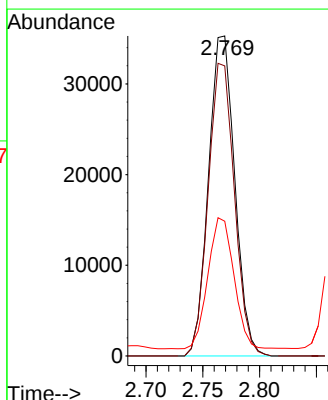
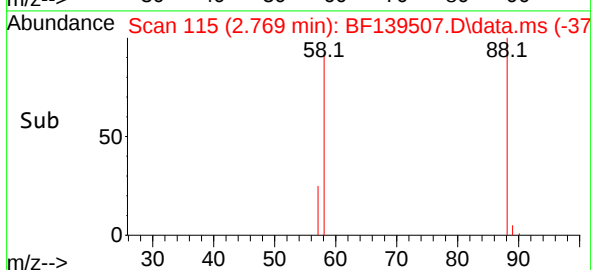
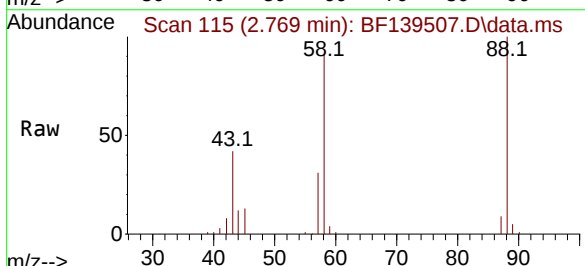


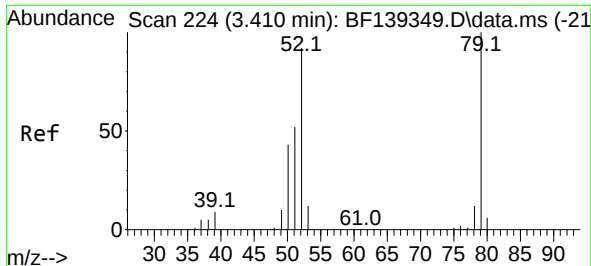
Tgt Ion:152 Resp: 71206
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.1 186.1
 115 59.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 32.481 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.112 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52

Tgt Ion: 88 Resp: 56881
 Ion Ratio Lower Upper
 88 100
 58 91.5 74.8 112.2
 43 0.0 36.4 54.6





#3

Pyridine

Concen: 35.579 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

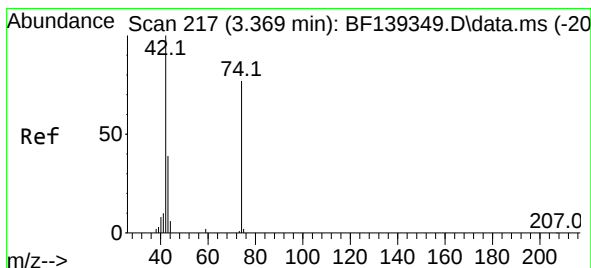
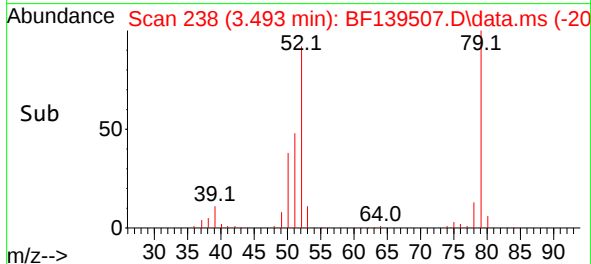
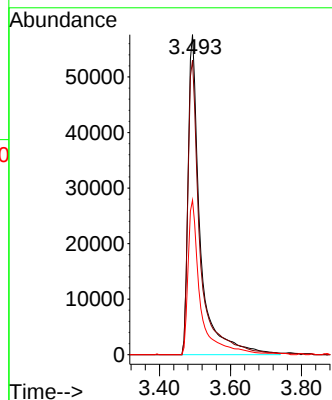
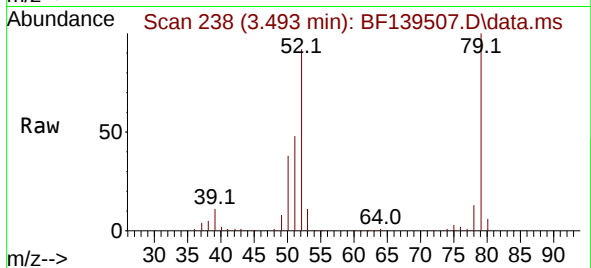
Tgt Ion: 79 Resp: 137372

Ion Ratio Lower Upper

79 100

52 92.0 73.8 110.8

51 48.3 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 34.860 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.059 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

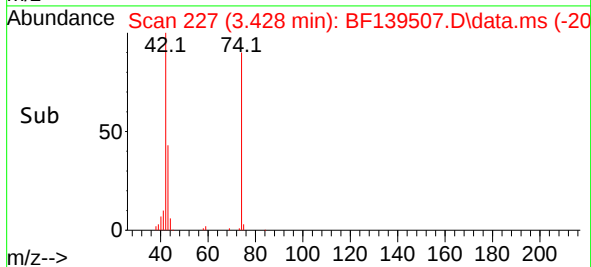
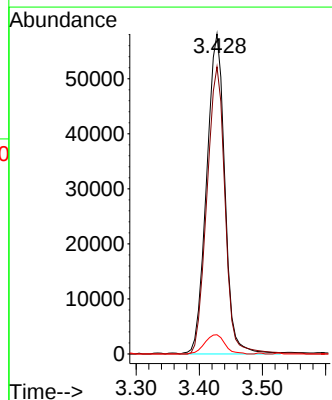
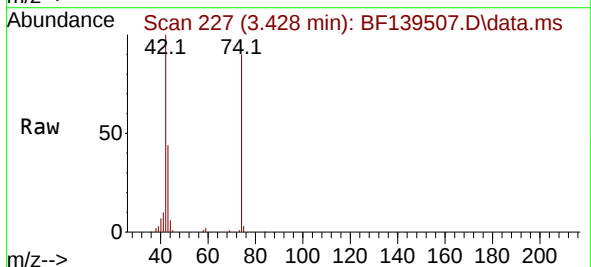
Tgt Ion: 42 Resp: 116661

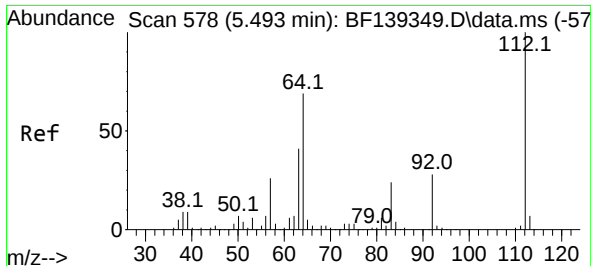
Ion Ratio Lower Upper

42 100

74 89.7 61.8 92.8

44 6.0 4.8 7.2

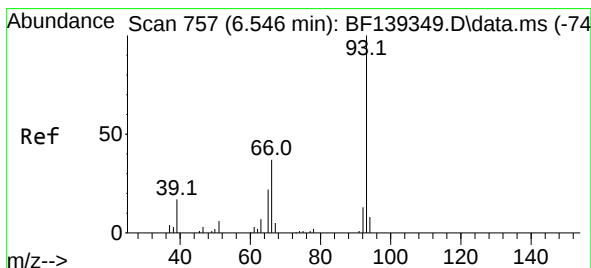
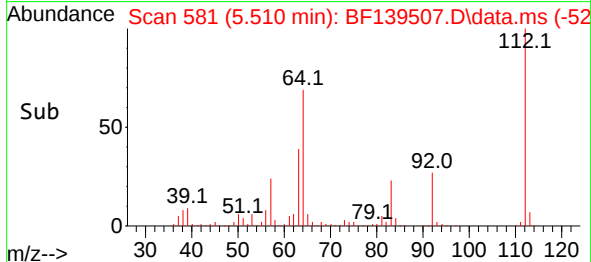
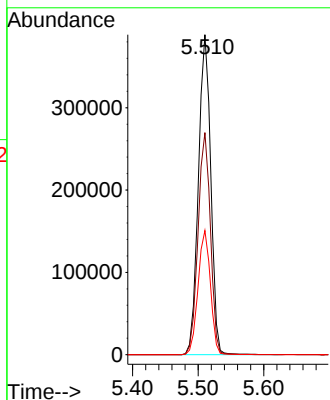
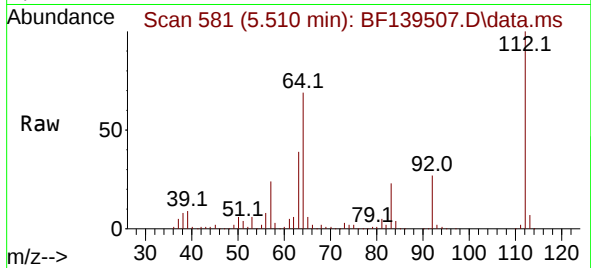




#5
2-Fluorophenol
Concen: 117.148 ng
RT: 5.510 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

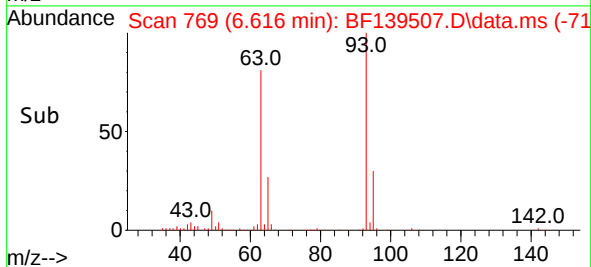
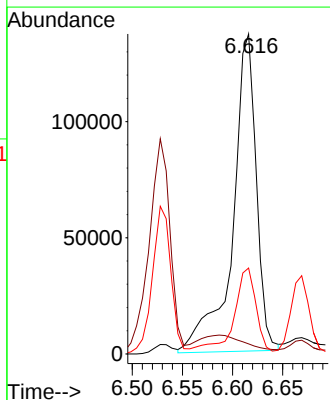
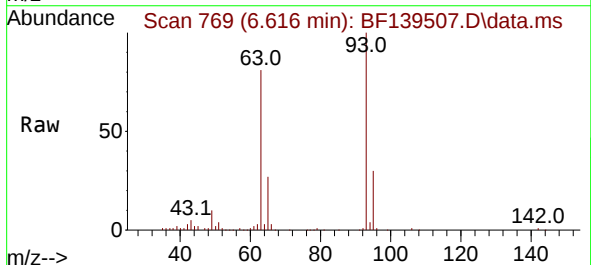
Instrument :
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WC-22AMSD

Tgt Ion:112 Resp: 511334
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.8 33.0 49.4



#6
Aniline
Concen: 51.939 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.047 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 93 Resp: 224562
Ion Ratio Lower Upper
93 100
66 3.1 35.4 53.0#
65 26.8 18.2 27.4

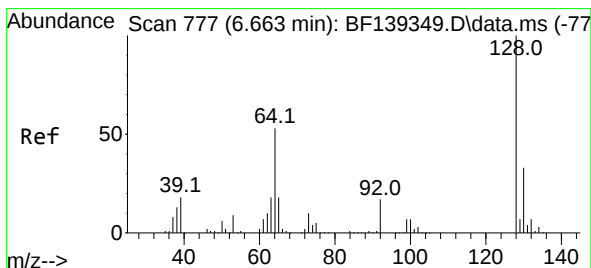
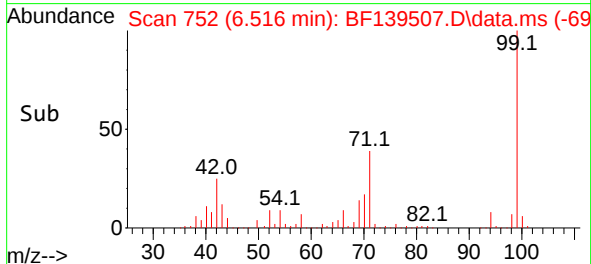
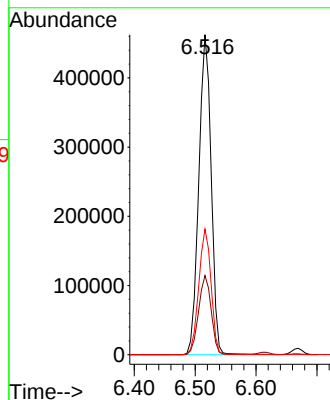
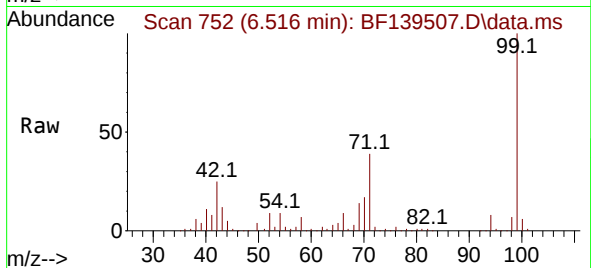




#7
Phenol-d6
Concen: 113.812 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

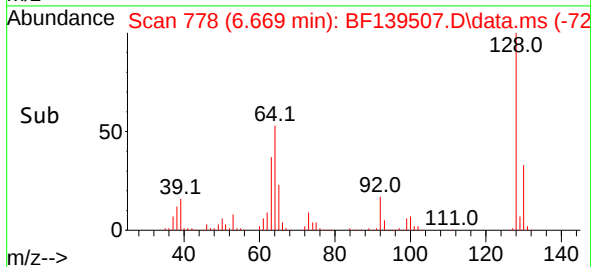
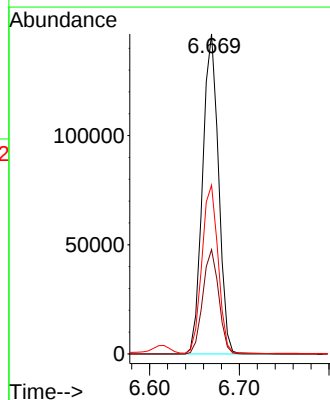
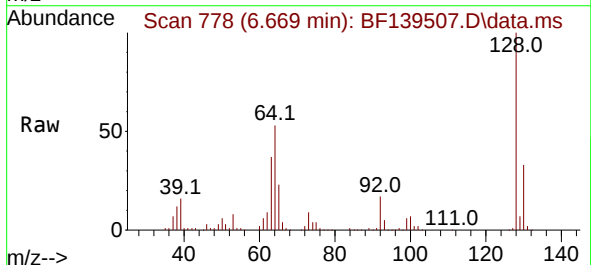
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BNA_F
ClientSampleId :
WC-22AMSD

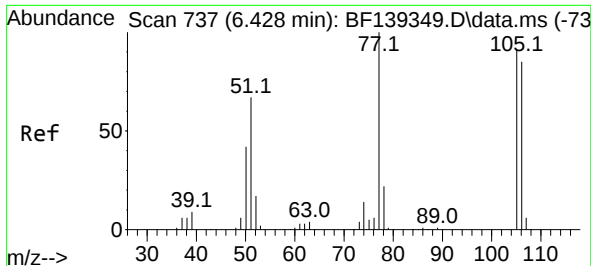
Tgt Ion: 99 Resp: 652050
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.3 34.6 52.0



#8
2-Chlorophenol
Concen: 40.313 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:128 Resp: 181130
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 52.8 35.1 75.1





#9

Benzaldehyde

Concen: 7.188 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

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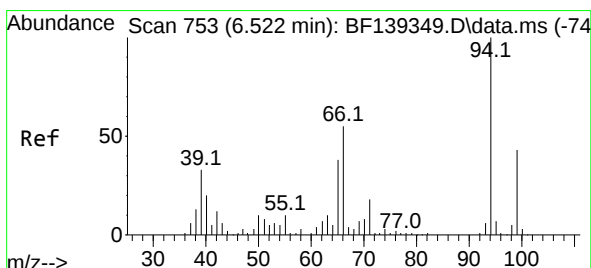
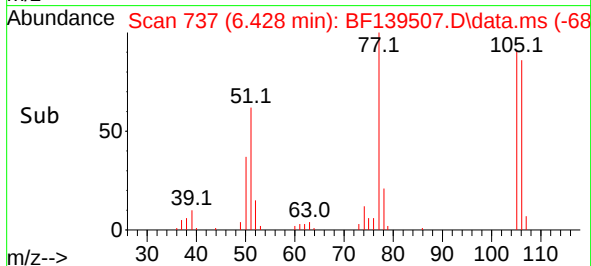
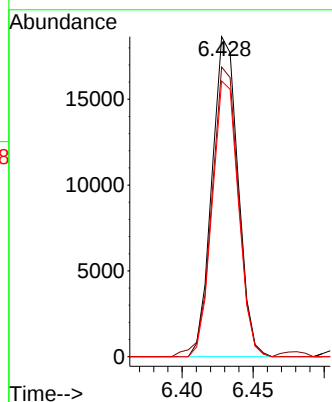
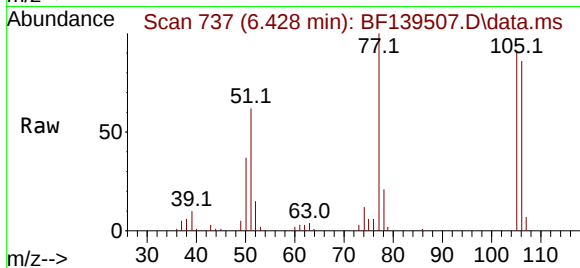
Tgt Ion: 77 Resp: 23794

Ion Ratio Lower Upper

77 100

105 90.5 71.0 111.0

106 86.1 64.9 104.9



#10

Phenol

Concen: 37.769 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

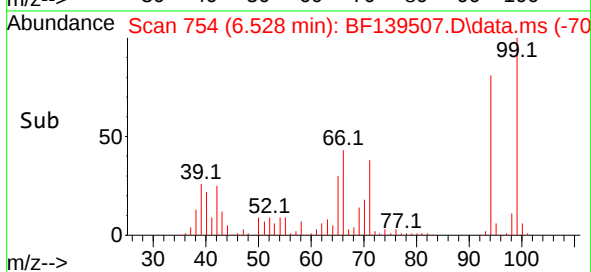
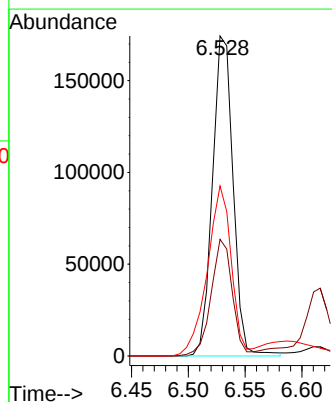
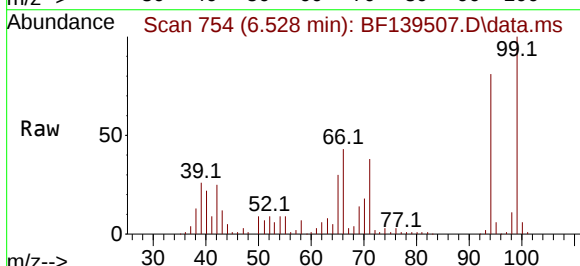
Tgt Ion: 94 Resp: 220387

Ion Ratio Lower Upper

94 100

65 36.5 17.6 57.6

66 53.1 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 50.634 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

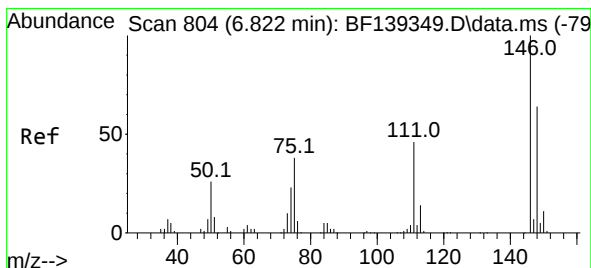
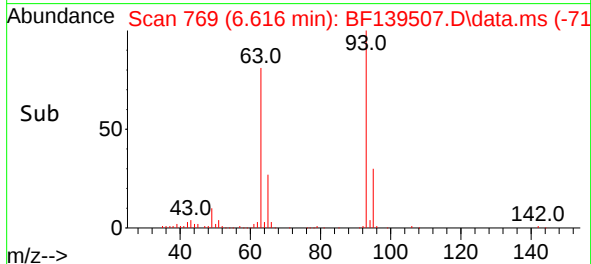
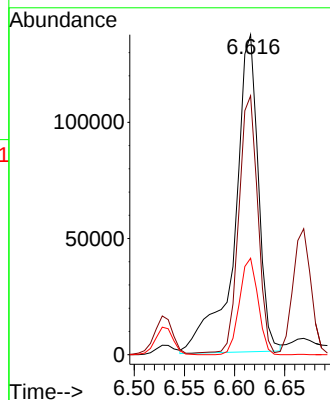
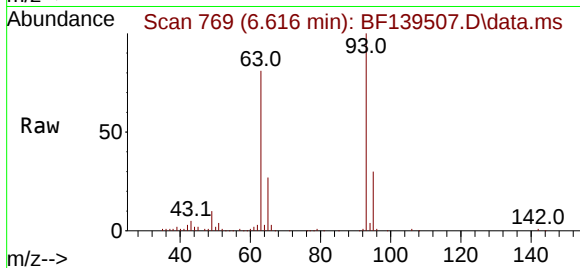
Tgt Ion: 93 Resp: 224562

Ion Ratio Lower Upper

93 100

63 80.9 65.3 105.3

95 30.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 30.195 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

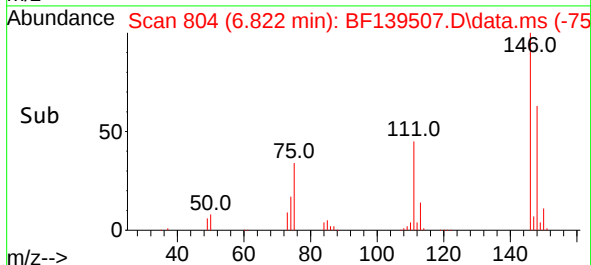
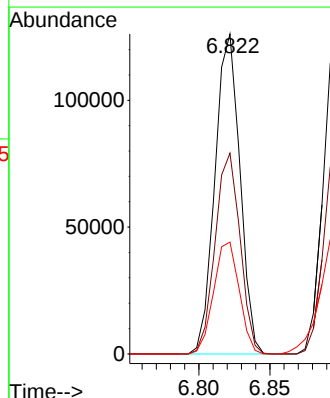
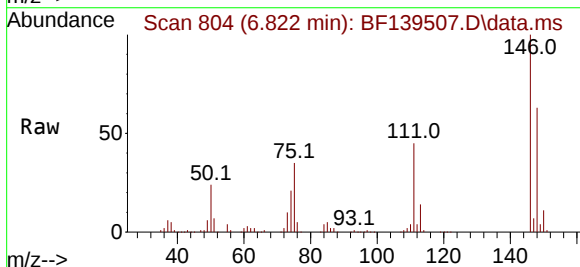
Tgt Ion:146 Resp: 154294

Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

75 35.0 30.6 46.0

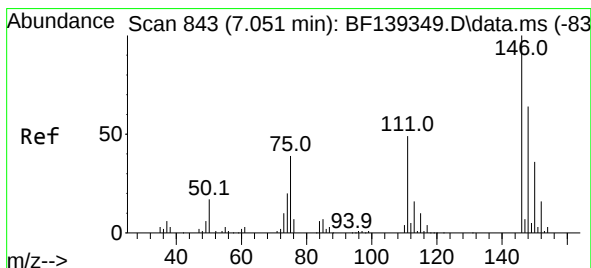
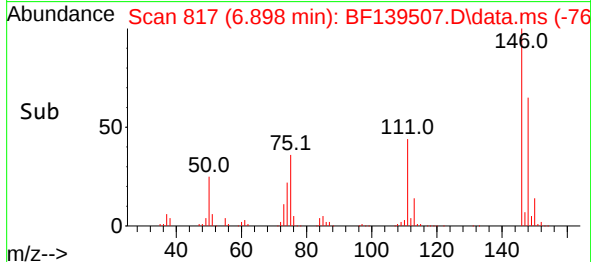
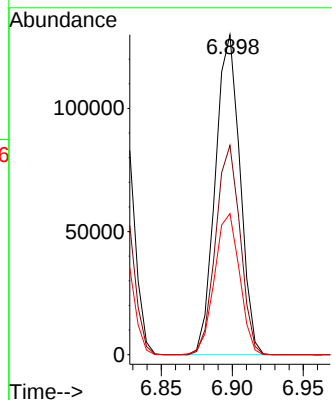
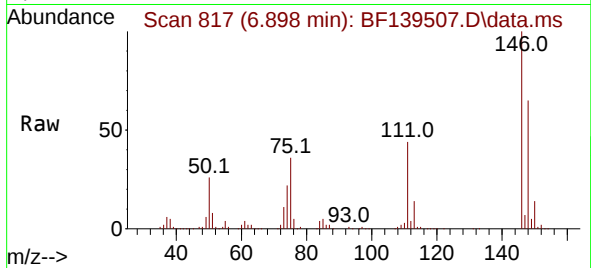




#13
1,4-Dichlorobenzene
Concen: 30.344 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

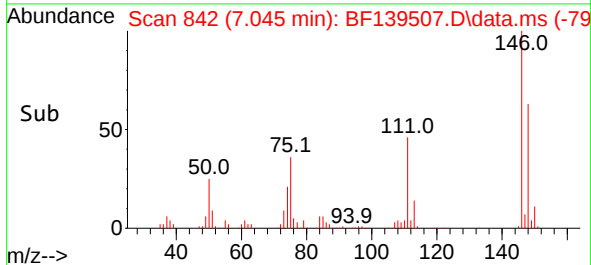
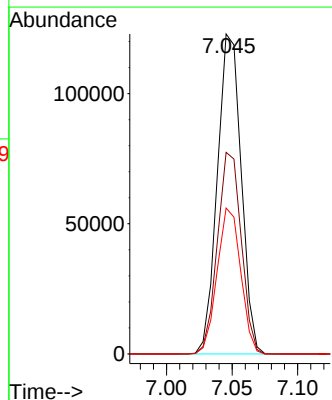
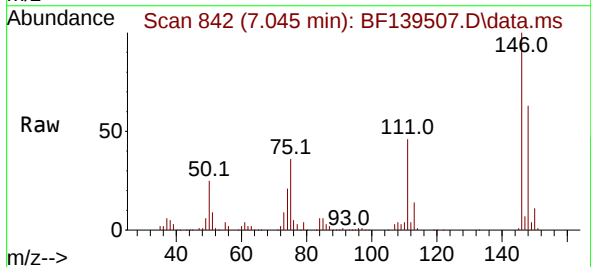
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:146 Resp: 156689
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
111 44.1 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 31.847 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:146 Resp: 155389
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 45.6 38.9 58.3

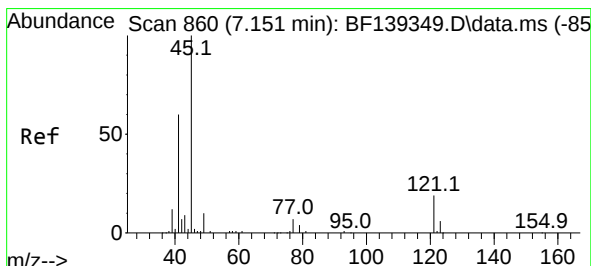
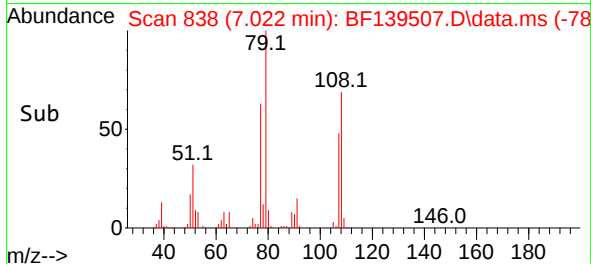
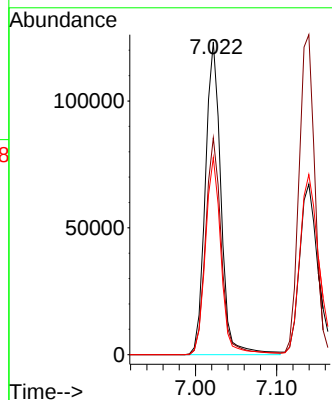
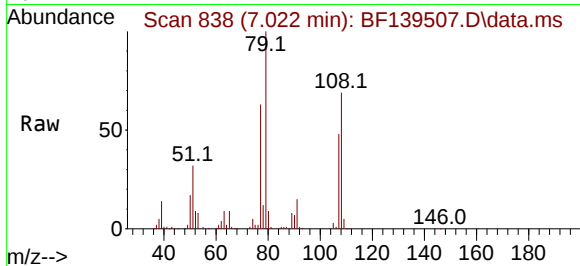




#15
Benzyl Alcohol
Concen: 36.080 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

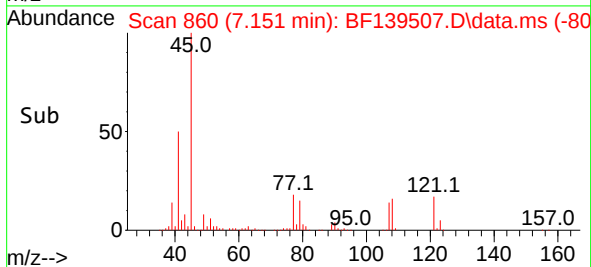
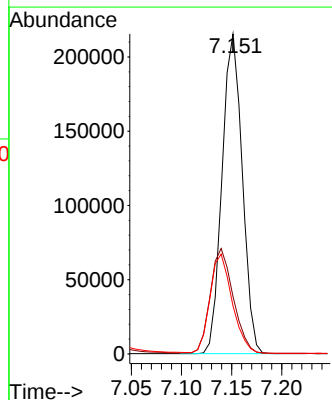
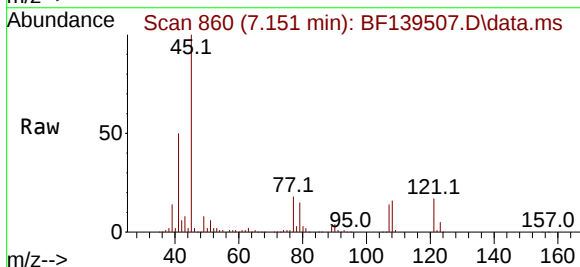
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

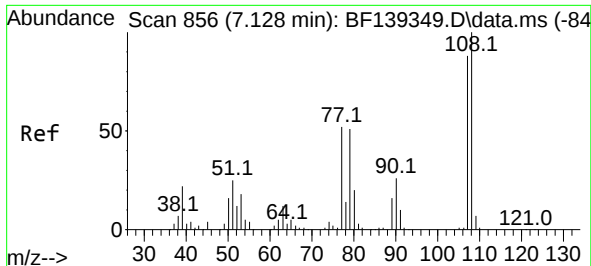
Tgt Ion: 79 Resp: 164918
Ion Ratio Lower Upper
79 100
108 69.3 50.4 75.6
77 63.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.079 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 45 Resp: 301277
Ion Ratio Lower Upper
45 100
77 17.9 0.0 32.0
79 15.0 0.0 29.1

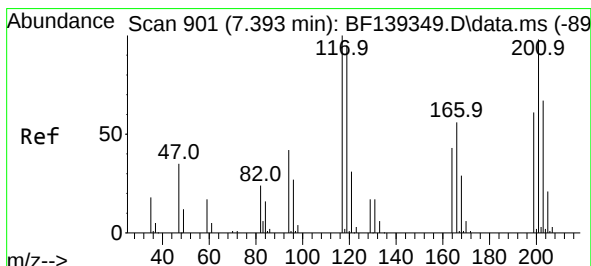
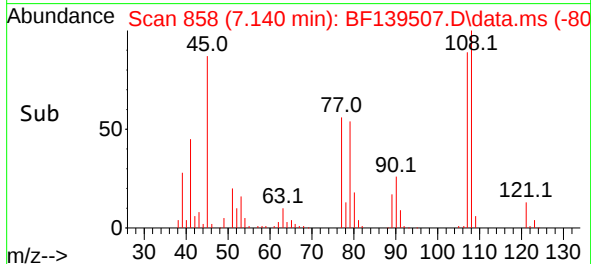
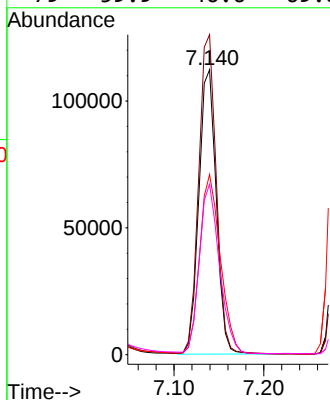
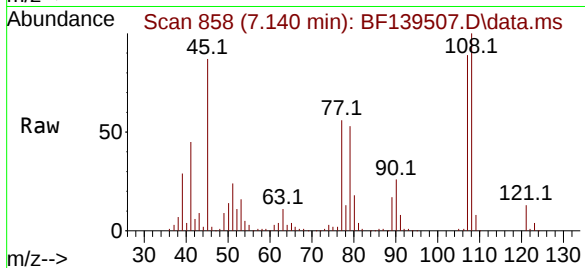




#17
2-Methylphenol
Concen: 42.252 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

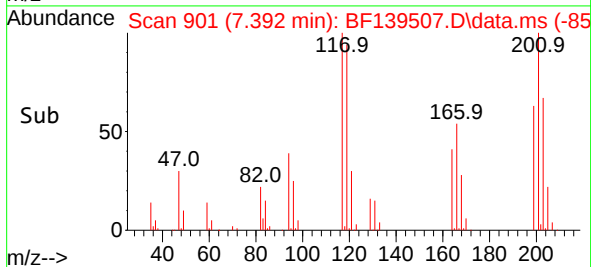
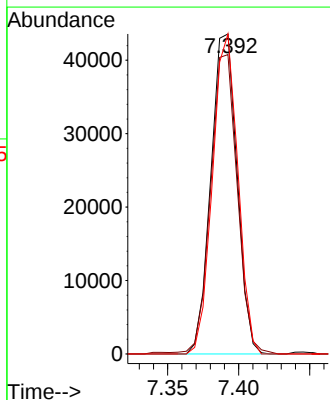
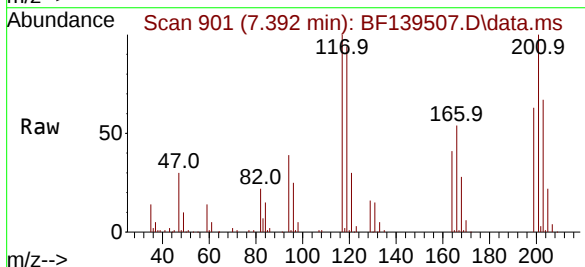
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

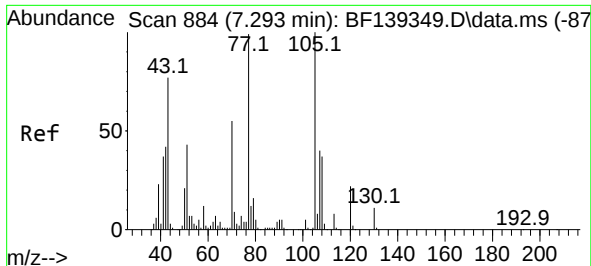
Tgt Ion:107 Resp: 150830
Ion Ratio Lower Upper
107 100
108 112.3 90.5 135.7
77 63.2 47.1 70.7
79 59.9 46.6 69.8



#18
Hexachloroethane
Concen: 28.361 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:117 Resp: 55780
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 100.0 78.6 118.0



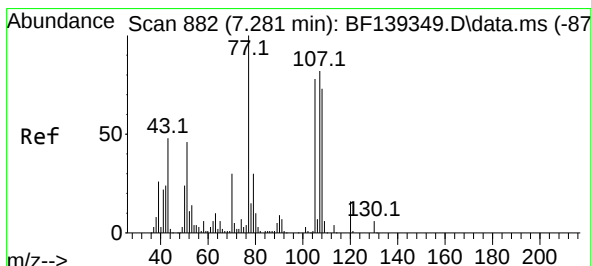
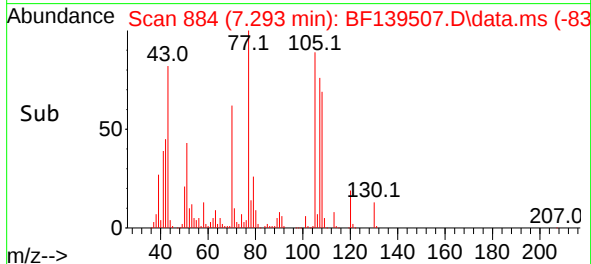
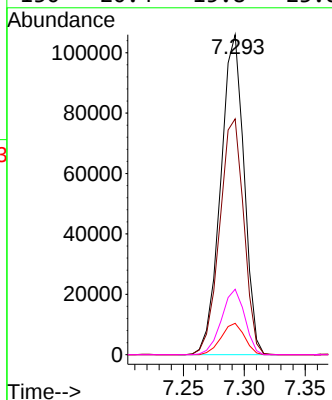
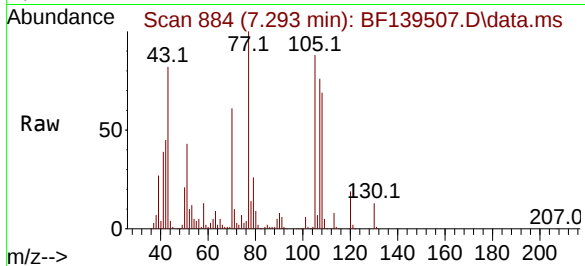


#19
n-Nitroso-di-n-propylamine
Concen: 41.706 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion: 70 Resp: 141595

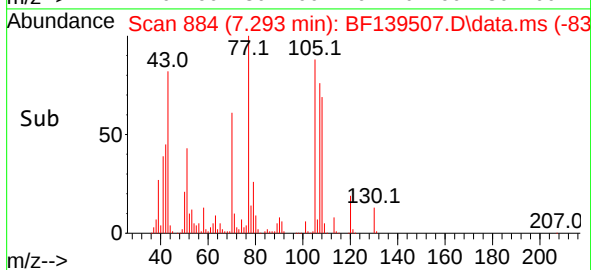
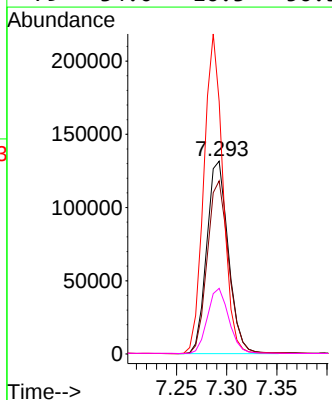
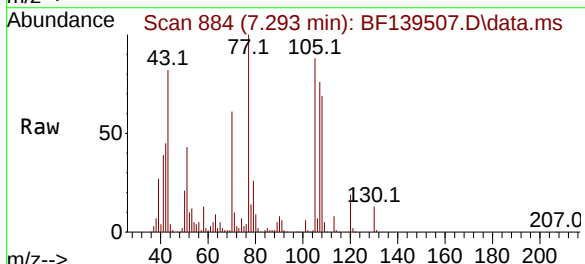
Ion	Ratio	Lower	Upper
70	100		
42	73.7	61.2	91.8
101	9.8	7.5	11.3
130	20.4	15.8	23.8

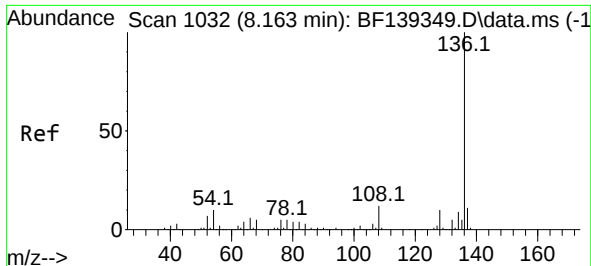


#20
3+4-Methylphenols
Concen: 40.472 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 107 Resp: 197109

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.6	108.6
77	131.0	101.6	141.6
79	34.0	16.3	56.3



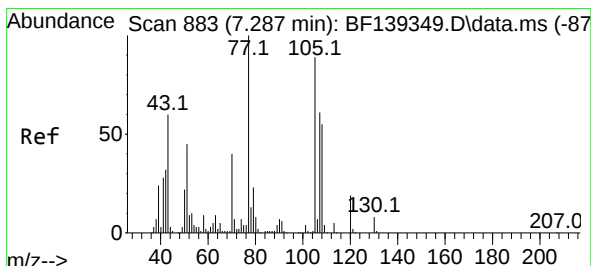
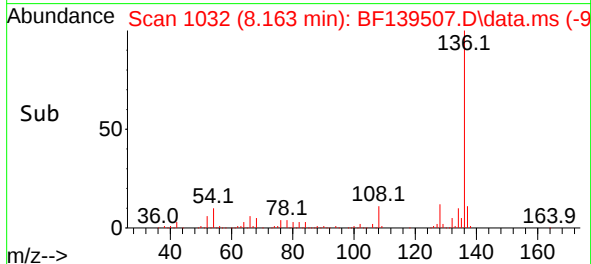
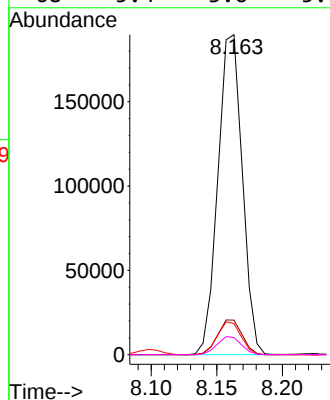
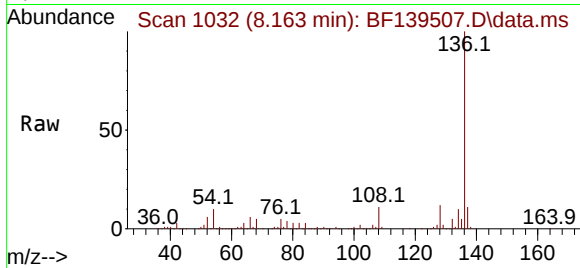


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:136 Resp: 245793

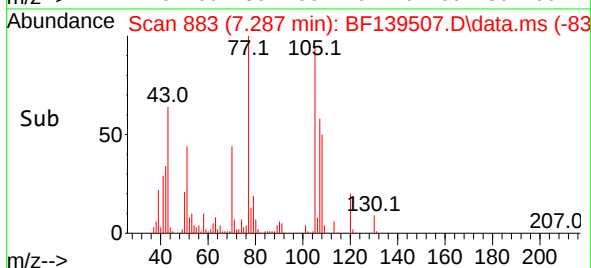
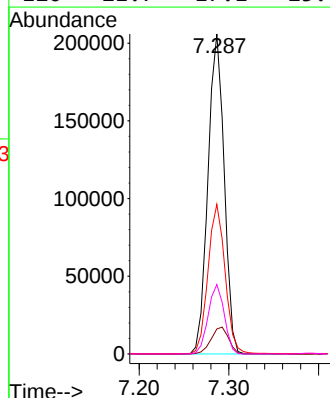
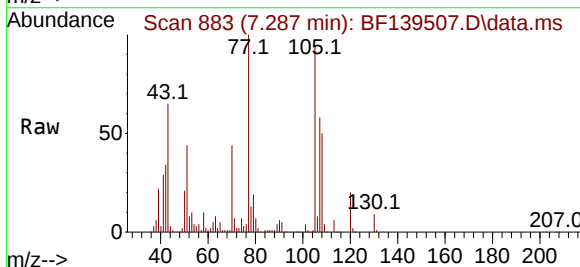
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.7	7.8	11.8
68	5.4	3.6	5.4

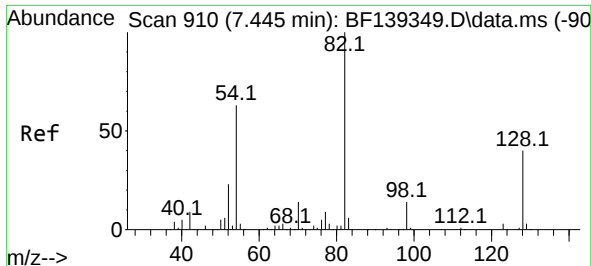


#22
Acetophenone
Concen: 40.177 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:105 Resp: 258167

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	46.7	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 88.104 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

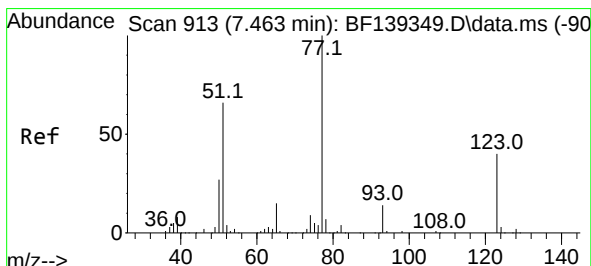
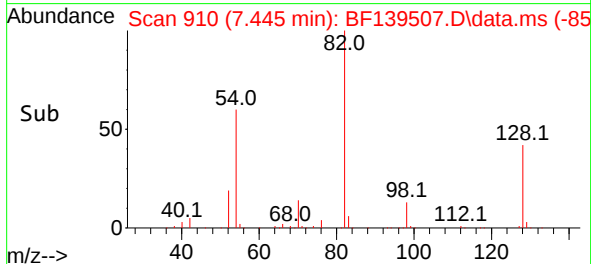
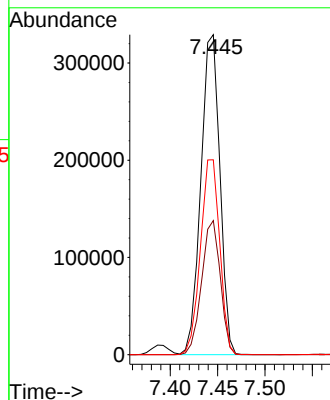
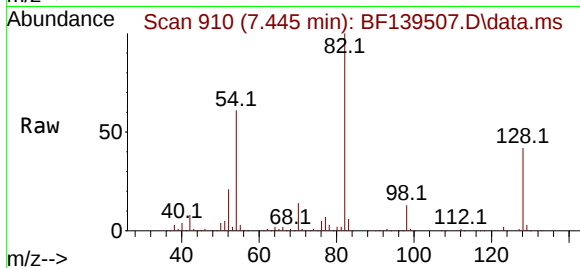
Tgt Ion: 82 Resp: 460641

Ion Ratio Lower Upper

82 100

128 41.9 31.8 47.6

54 60.9 50.6 75.8



#24

Nitrobenzene

Concen: 39.414 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

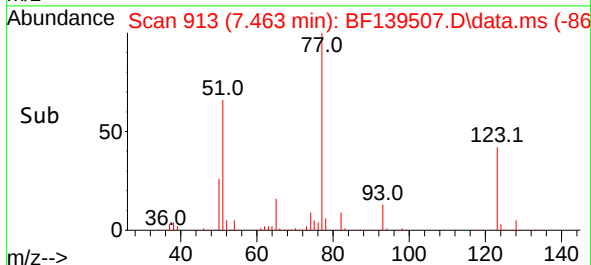
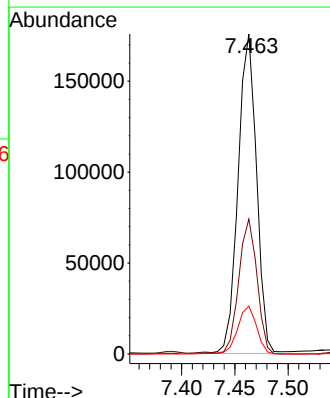
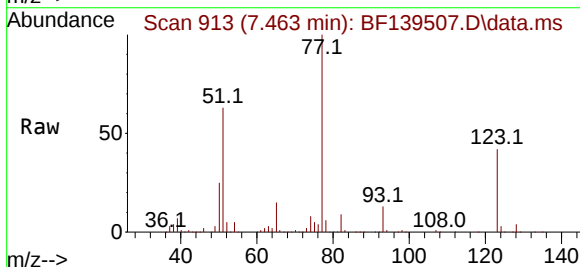
Tgt Ion: 77 Resp: 212092

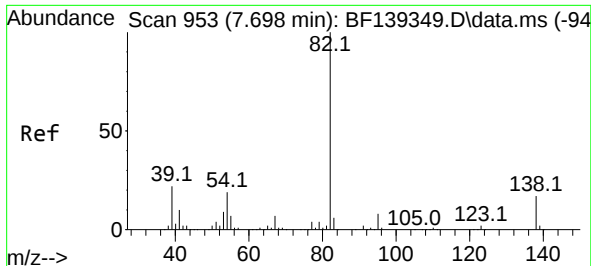
Ion Ratio Lower Upper

77 100

123 42.2 32.2 48.4

65 14.9 12.2 18.4

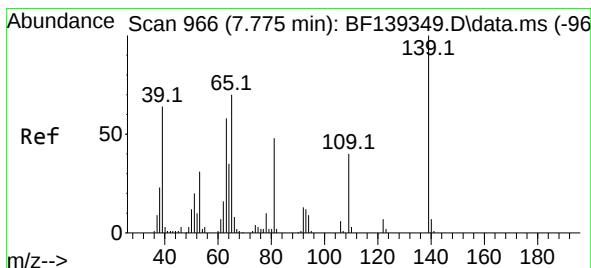
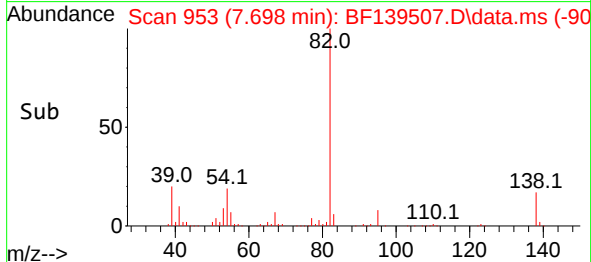
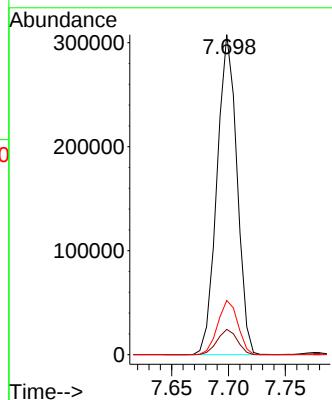
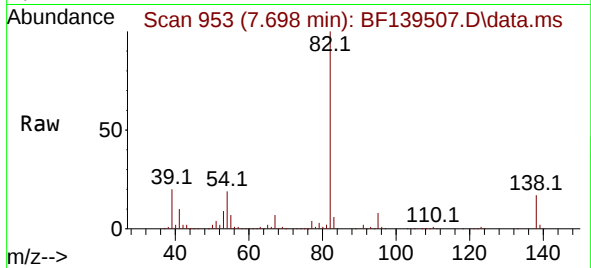




#25
Isophorone
Concen: 45.556 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

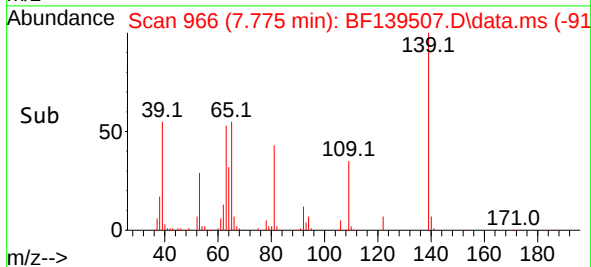
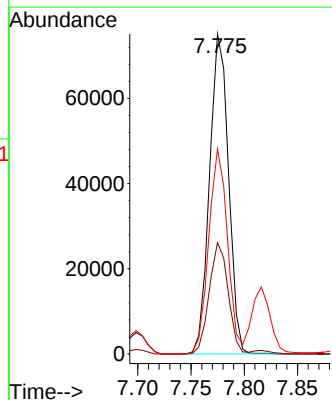
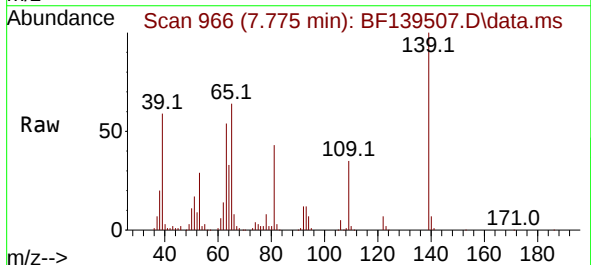
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

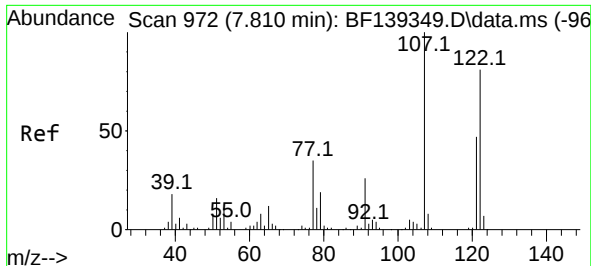
Tgt Ion: 82 Resp: 376693
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 17.0 13.3 19.9



#26
2-Nitrophenol
Concen: 44.290 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:139 Resp: 92852
Ion Ratio Lower Upper
139 100
109 34.8 32.2 48.2
65 64.1 55.8 83.8

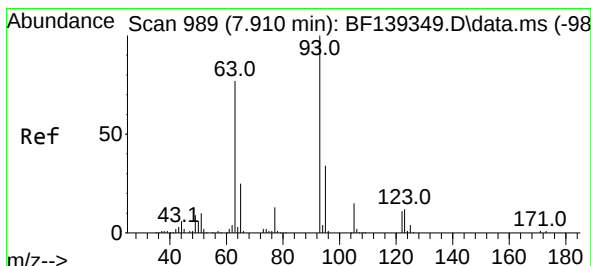
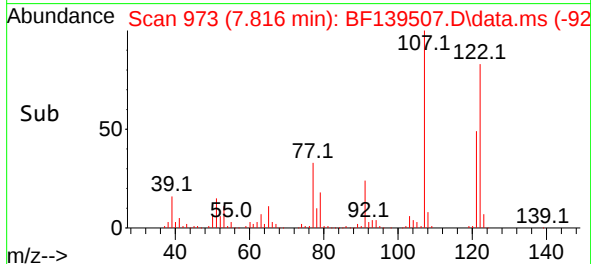
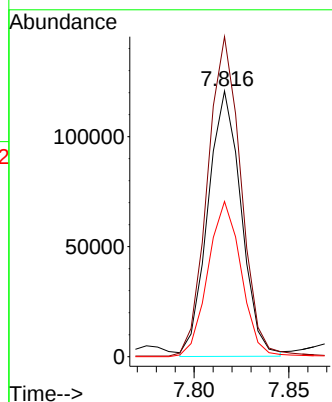
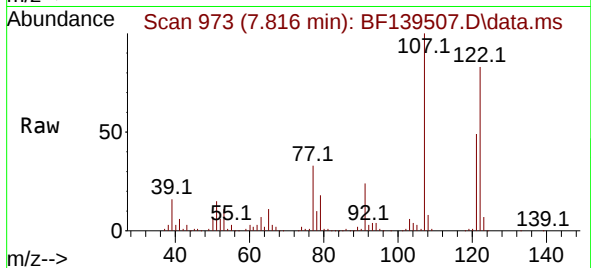




#27
2,4-Dimethylphenol
Concen: 53.307 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

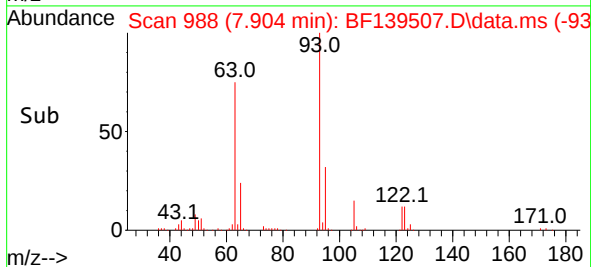
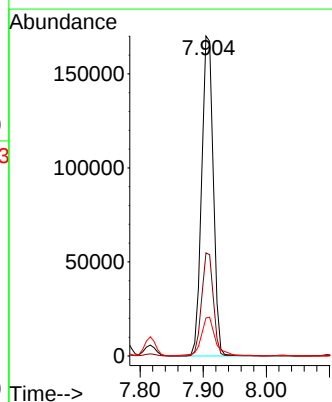
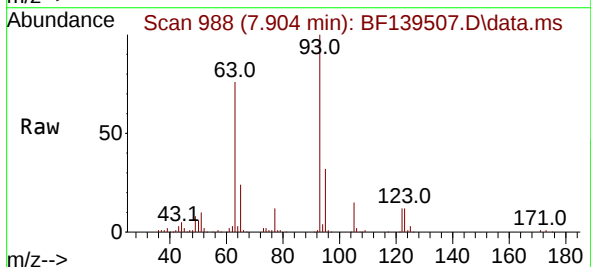
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:122 Resp: 147414
Ion Ratio Lower Upper
122 100
107 120.5 99.1 148.7
121 58.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.228 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 93 Resp: 217853
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.643 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

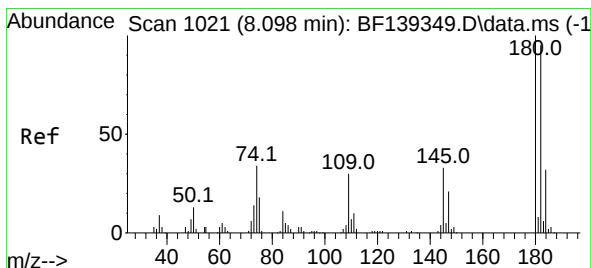
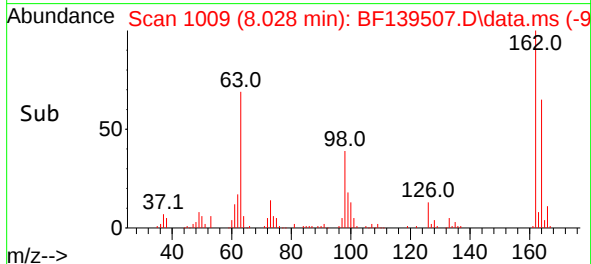
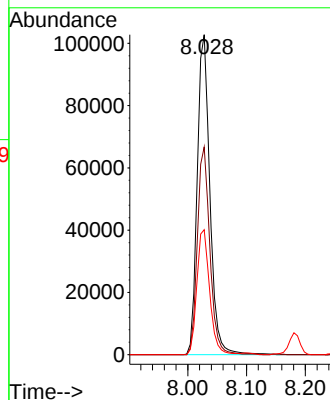
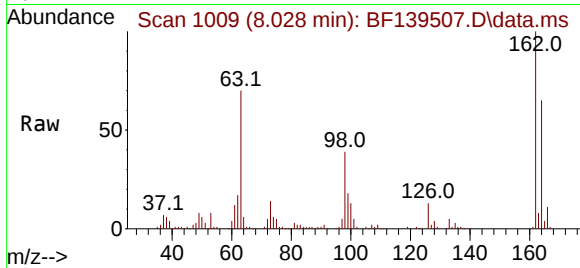
Tgt Ion:162 Resp: 153323

Ion Ratio Lower Upper

162 100

164 64.9 43.6 83.6

98 39.1 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 35.456 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

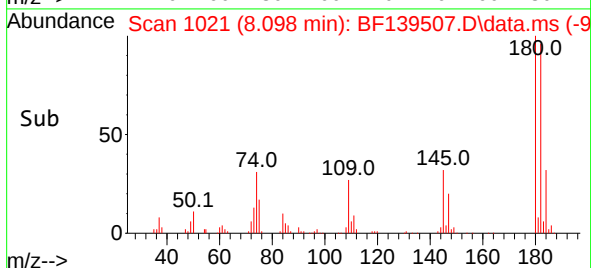
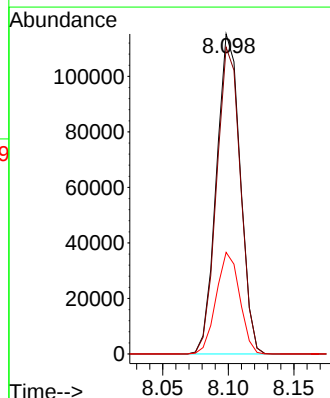
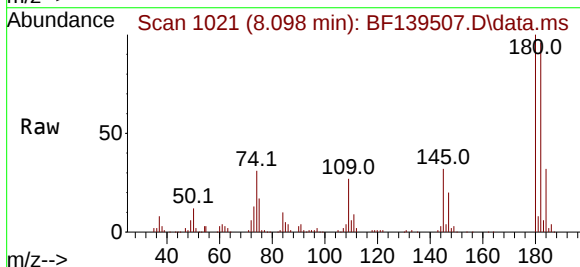
Tgt Ion:180 Resp: 145133

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 31.7 26.5 39.7

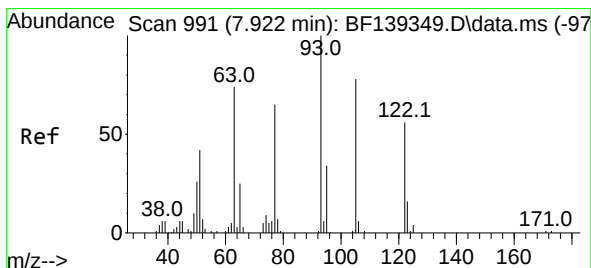
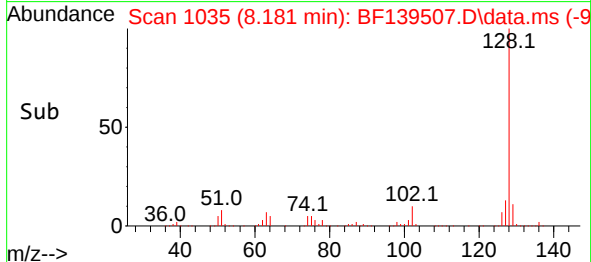
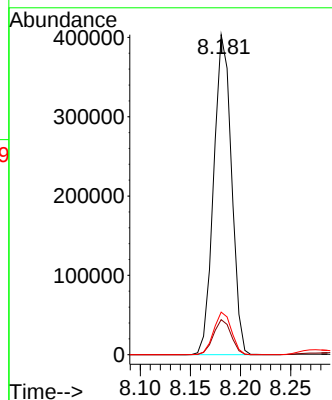
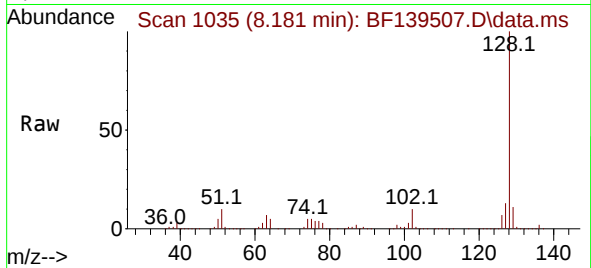




#31
Naphthalene
Concen: 38.932 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

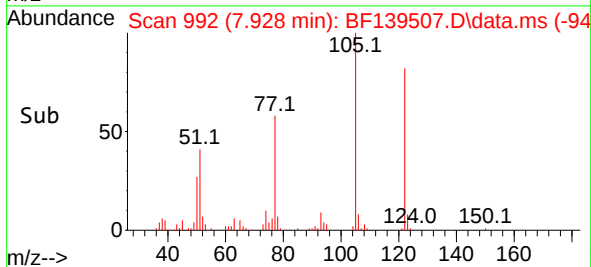
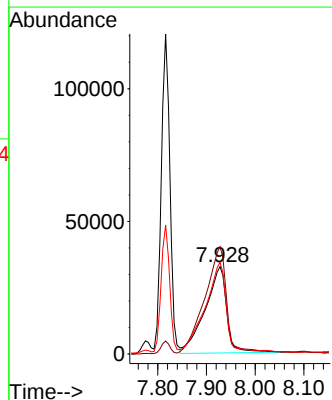
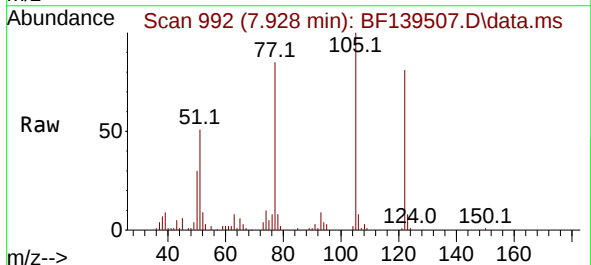
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

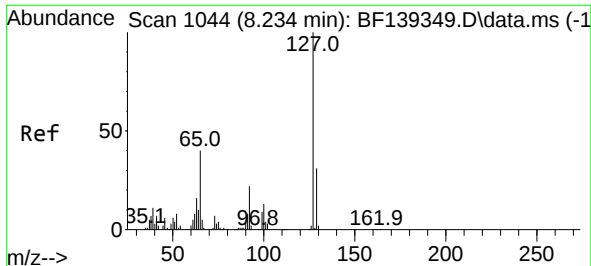
Tgt Ion:128 Resp: 499571
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 38.567 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:122 Resp: 99808
Ion Ratio Lower Upper
122 100
105 122.7 117.1 157.1
77 104.9 95.4 135.4

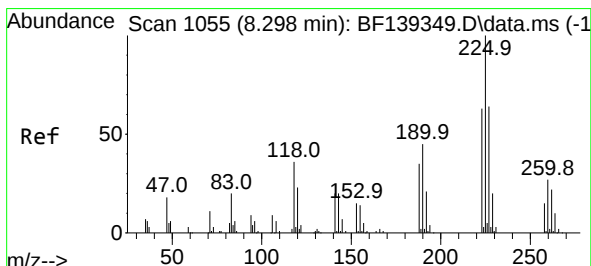
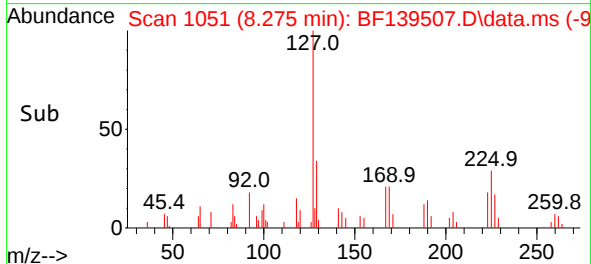
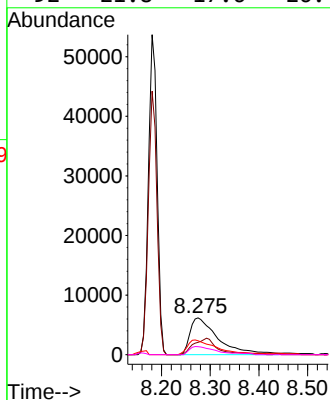
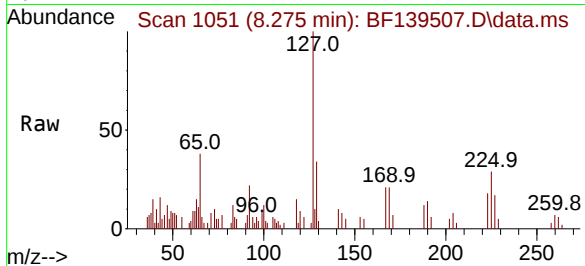




#33
4-Chloroaniline
Concen: 6.343 ng
RT: 8.275 min Scan# 1044
Delta R.T. 0.041 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

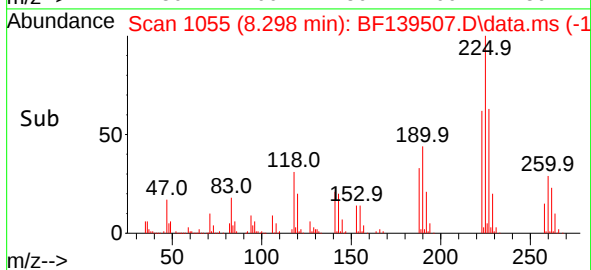
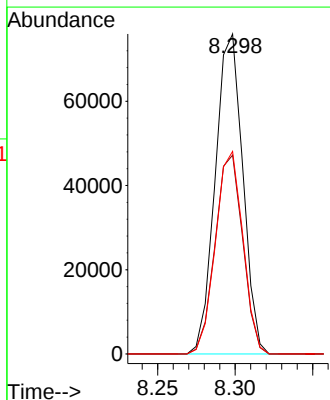
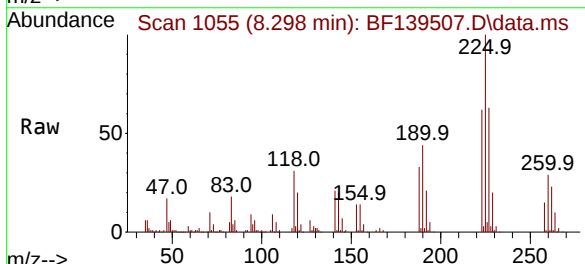
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

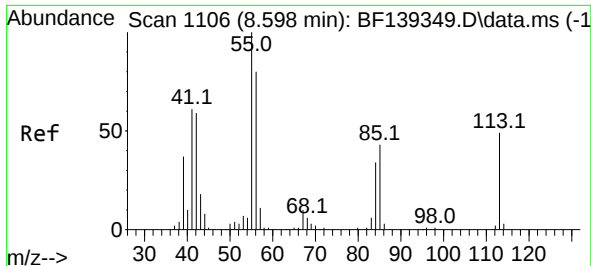
Tgt Ion:	127	Resp:	24900
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.5	38.3
65	37.7	31.5	47.3
92	21.8	17.6	26.4



#34
Hexachlorobutadiene
Concen: 33.765 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:	225	Resp:	93901
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.1	75.1
227	63.3	51.0	76.6

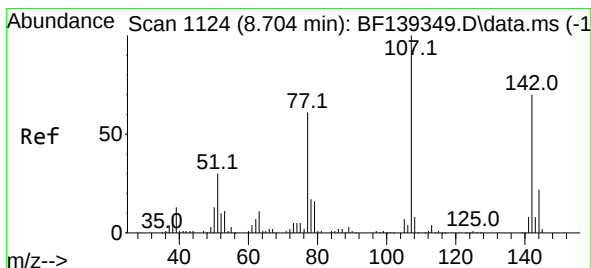
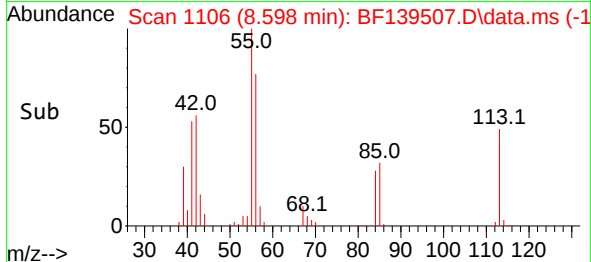
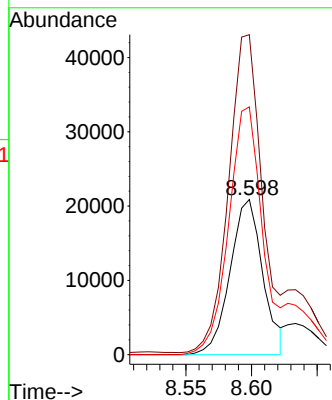
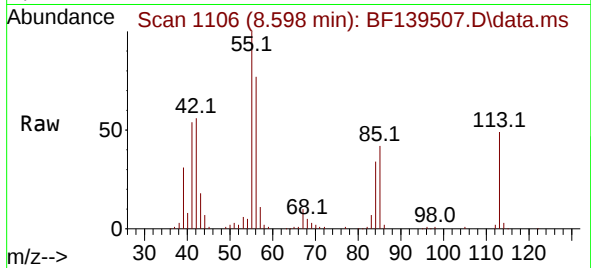




#35
 Caprolactam
 Concen: 33.558 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52

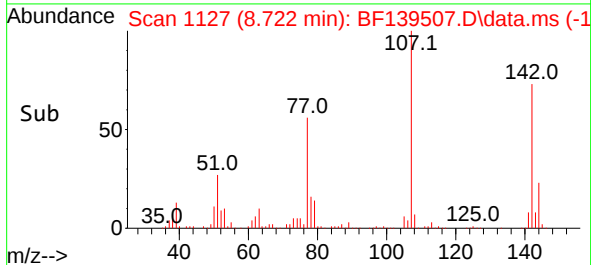
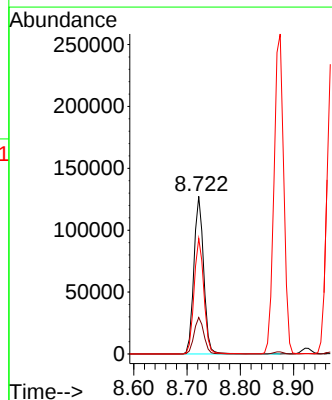
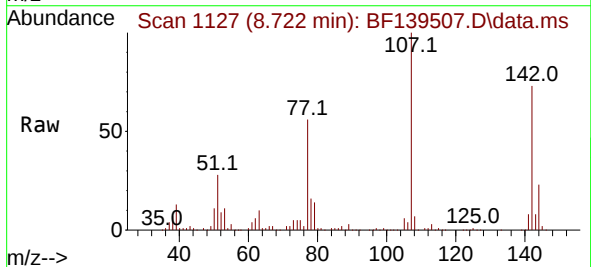
Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMSD

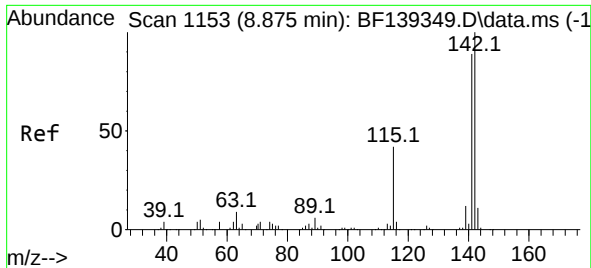
Tgt Ion:113 Resp: 36265
 Ion Ratio Lower Upper
 113 100
 55 206.1 186.1 226.1
 56 159.6 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.641 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52

Tgt Ion:107 Resp: 163173
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.5 26.3
 142 73.3 55.8 83.8

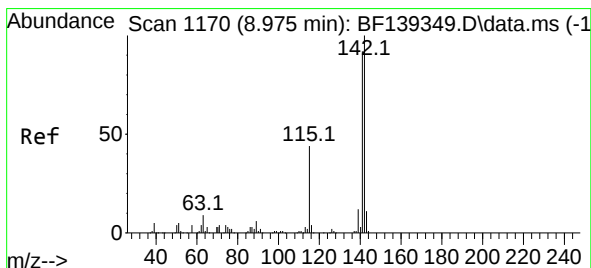
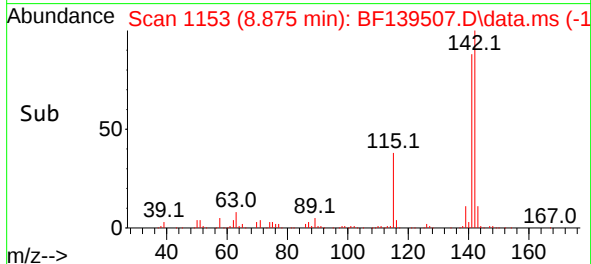
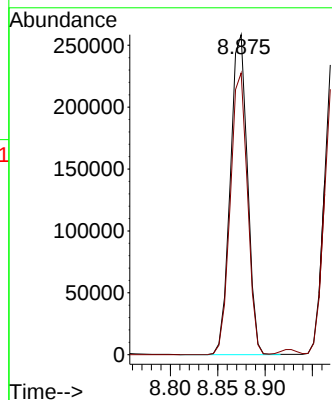
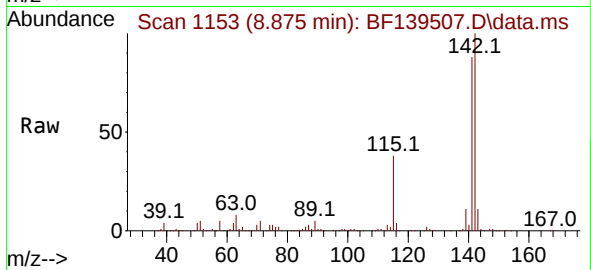




#37
2-Methylnaphthalene
Concen: 40.113 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

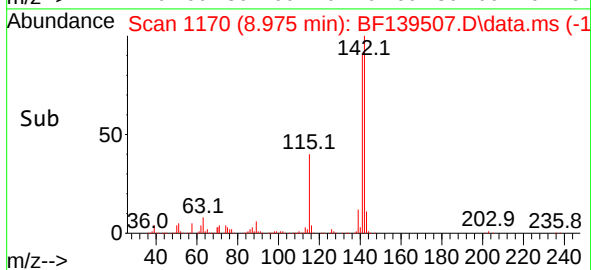
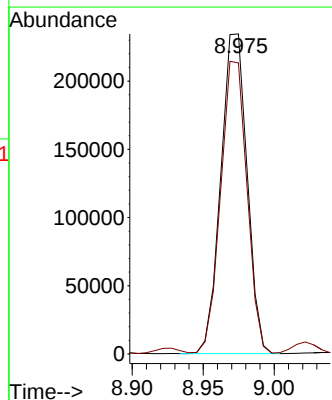
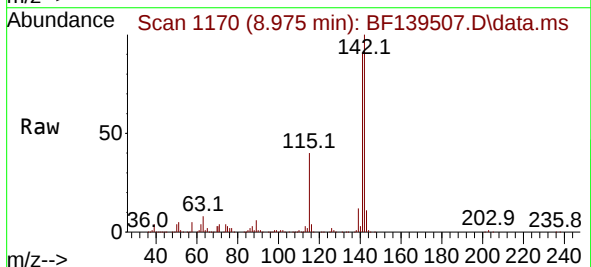
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

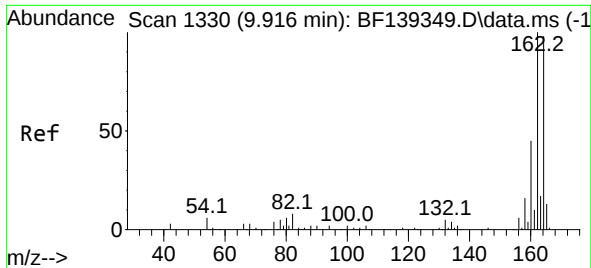
Tgt Ion:142 Resp: 326715
Ion Ratio Lower Upper
142 100
141 88.0 71.6 107.4



#38
1-Methylnaphthalene
Concen: 37.793 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:142 Resp: 302201
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8

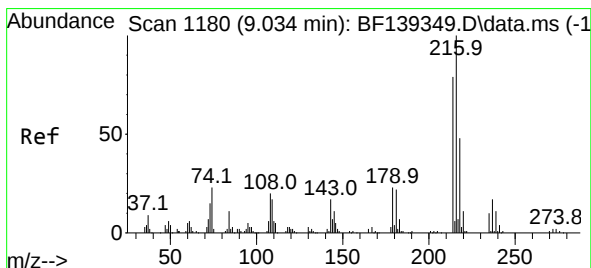
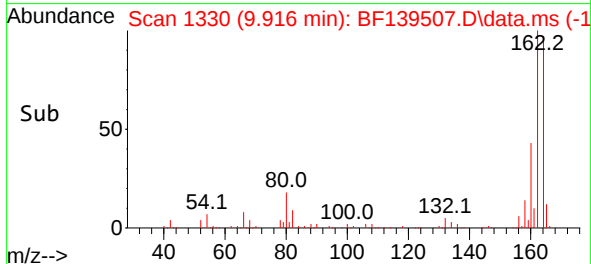
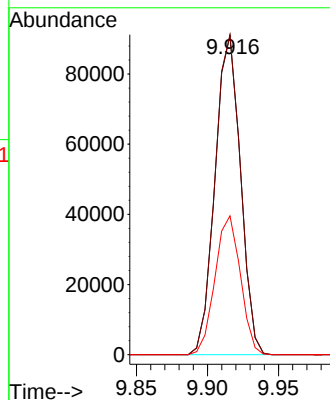
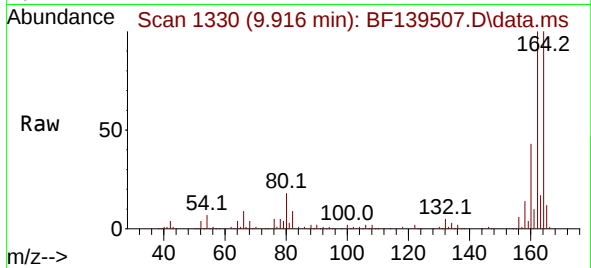




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 113109
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

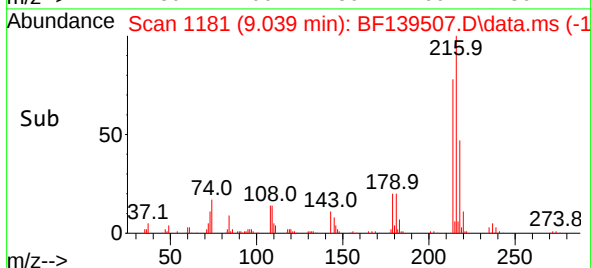
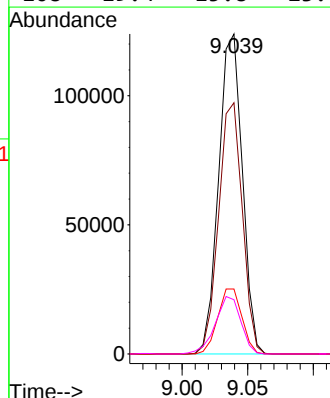
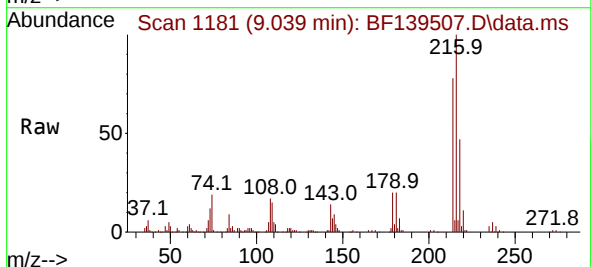
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

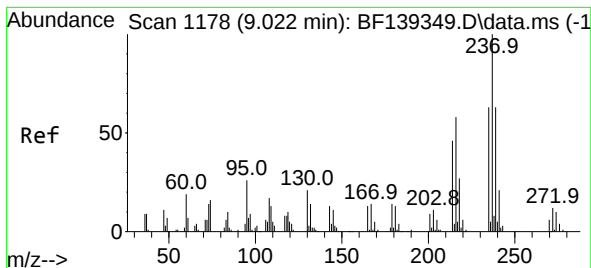
Tgt Ion:164 Resp: 113109
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.366 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:216 Resp: 155428
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.8 18.2 27.2
108 19.4 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 73.754 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

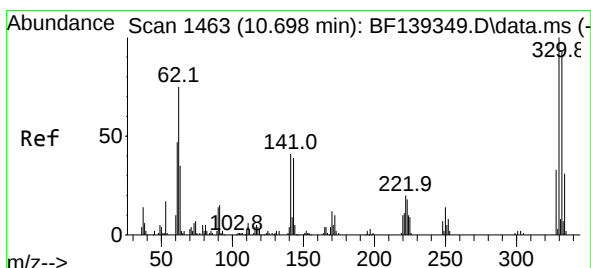
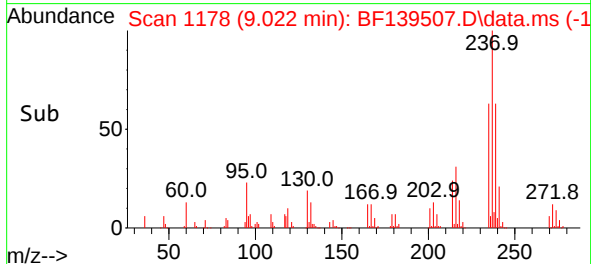
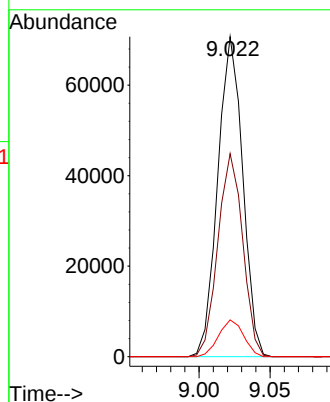
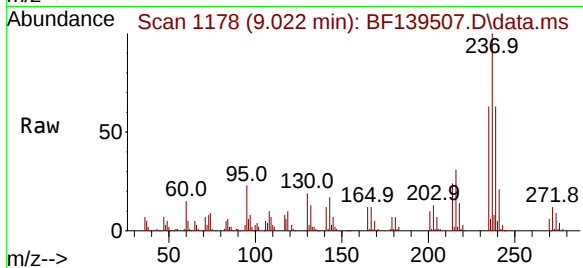
Tgt Ion:237 Resp: 86325

Ion Ratio Lower Upper

237 100

235 63.5 42.7 82.7

272 11.5 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 114.712 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

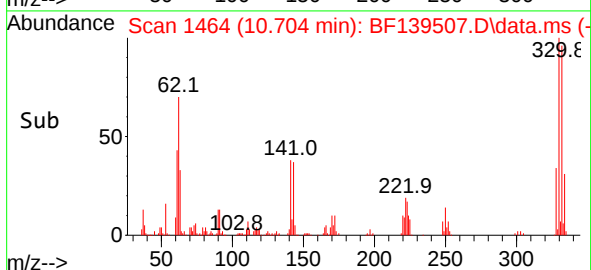
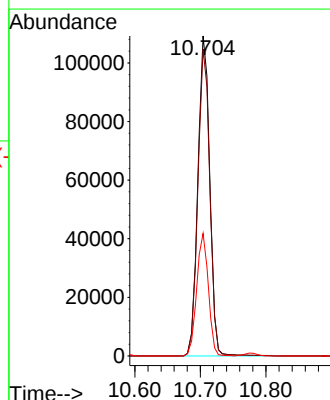
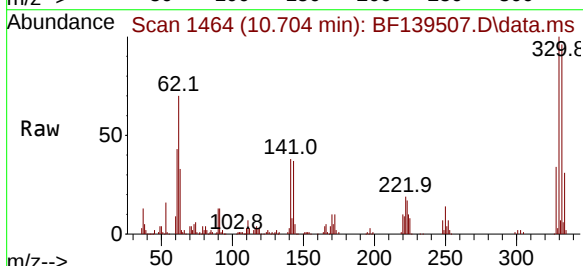
Tgt Ion:330 Resp: 138134

Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

141 37.5 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 47.541 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

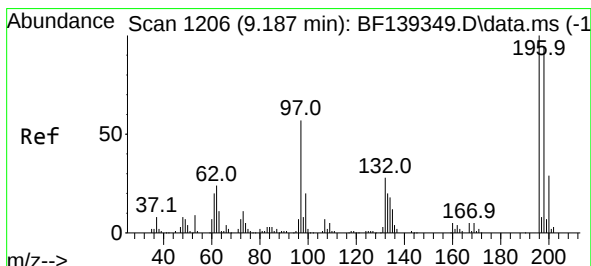
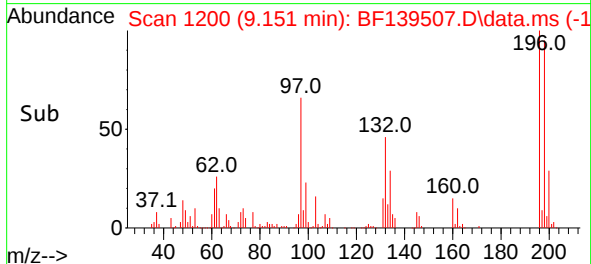
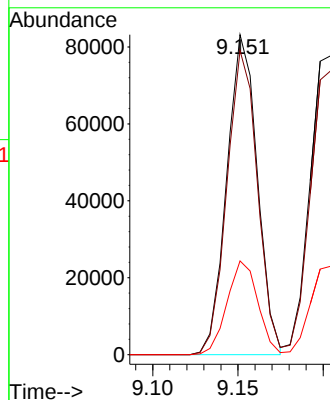
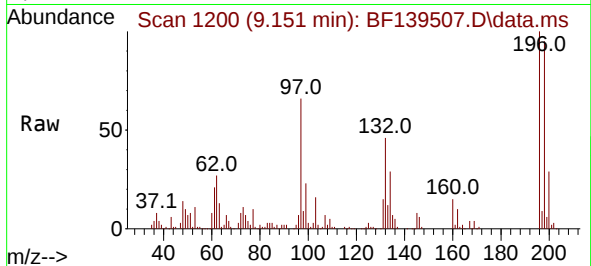
Tgt Ion:196 Resp: 103684

Ion Ratio Lower Upper

196 100

198 95.0 75.8 113.6

200 29.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.593 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Tgt Ion:196 Resp: 107187

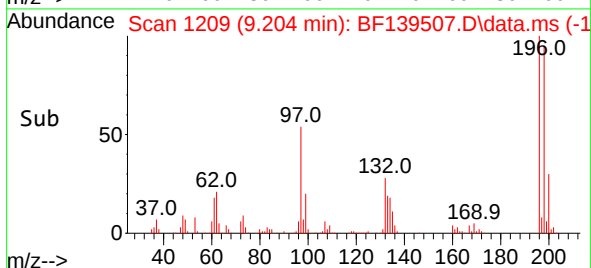
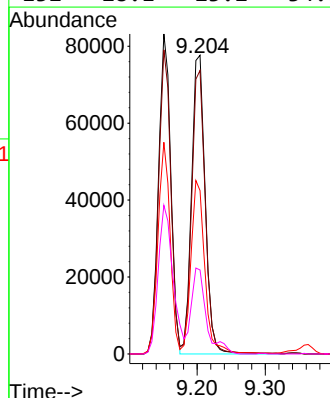
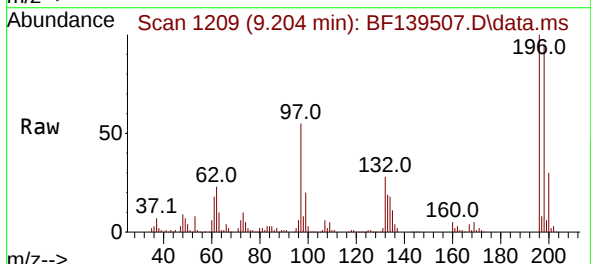
Ion Ratio Lower Upper

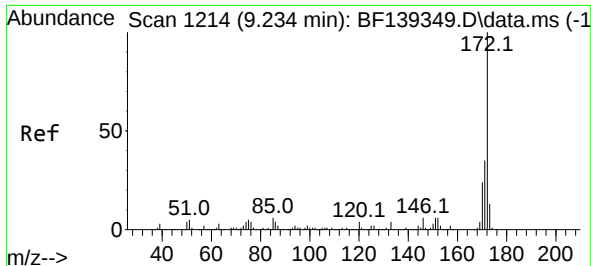
196 100

198 94.9 74.8 112.2

97 54.7 47.3 70.9

132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.748 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

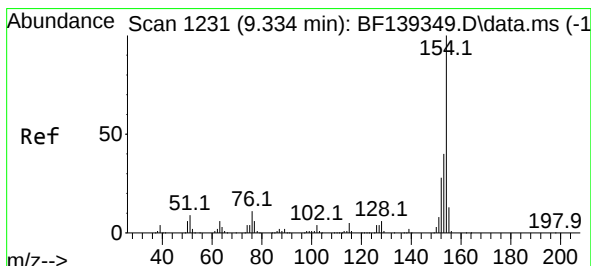
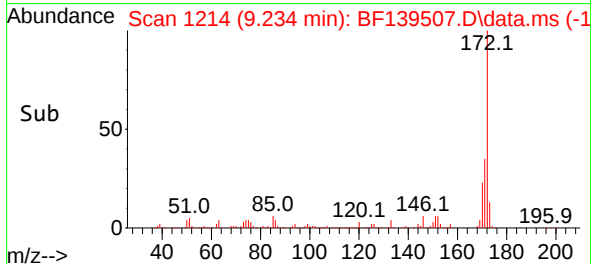
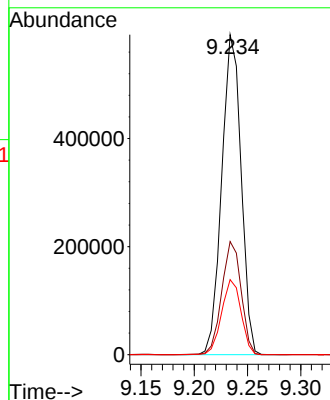
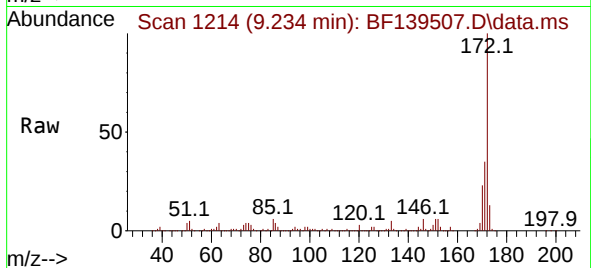
Tgt Ion:172 Resp: 747985

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.329 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

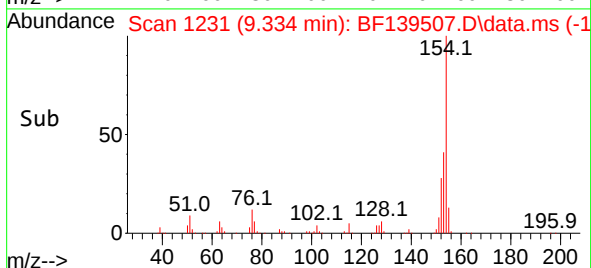
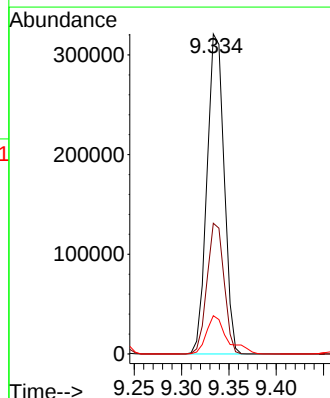
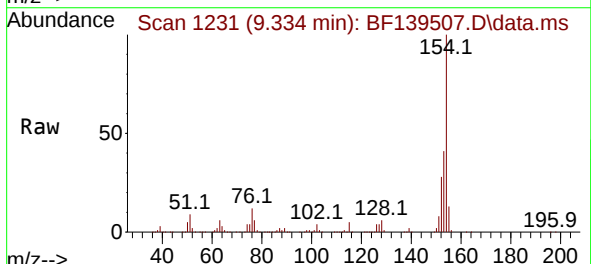
Tgt Ion:154 Resp: 403144

Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.075 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

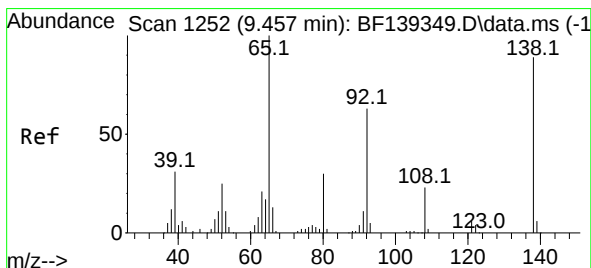
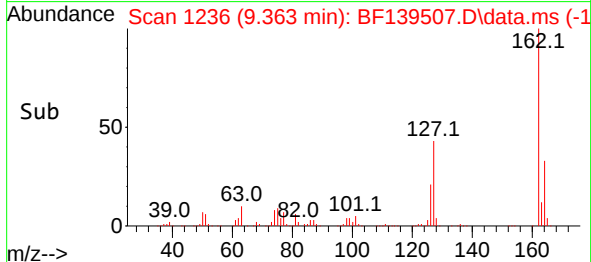
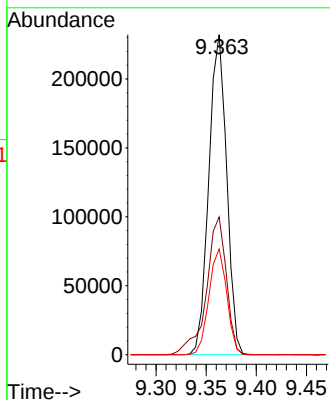
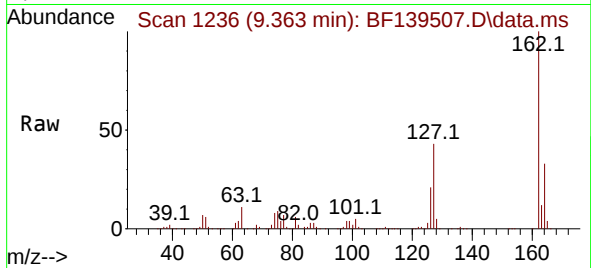
Tgt Ion:162 Resp: 286768

Ion Ratio Lower Upper

162 100

127 43.1 35.0 52.4

164 33.1 25.8 38.6



#48

2-Nitroaniline

Concen: 46.846 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

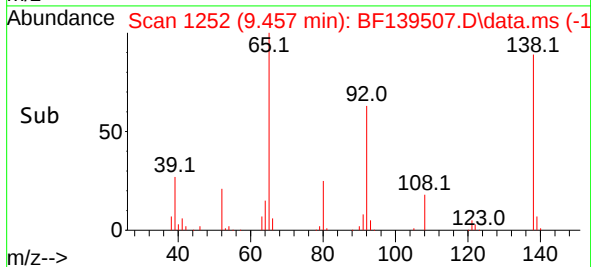
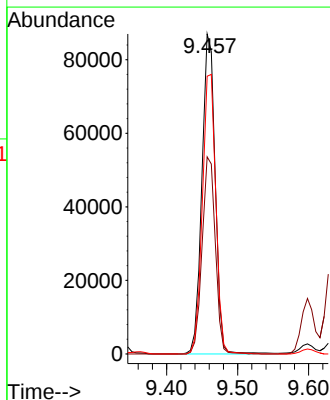
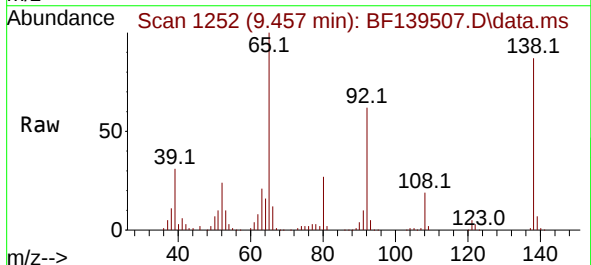
Tgt Ion: 65 Resp: 113368

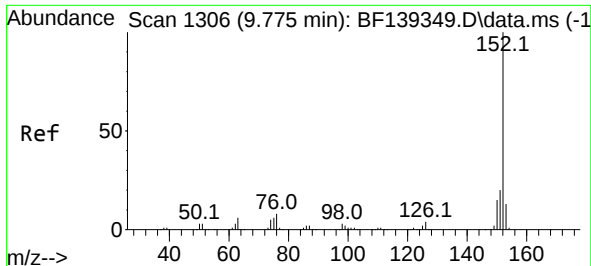
Ion Ratio Lower Upper

65 100

92 61.6 50.3 75.5

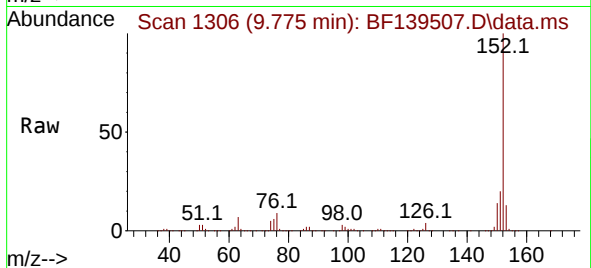
138 86.8 71.3 106.9



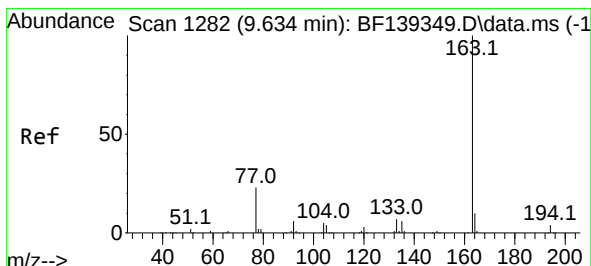
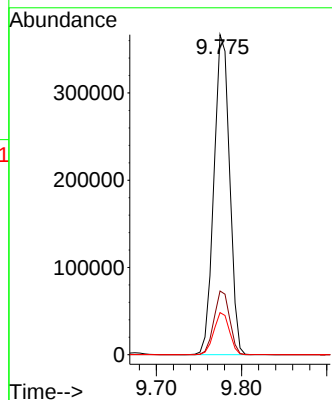
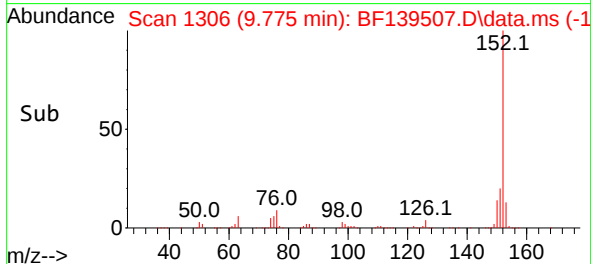


#49
Acenaphthylene
Concen: 47.862 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

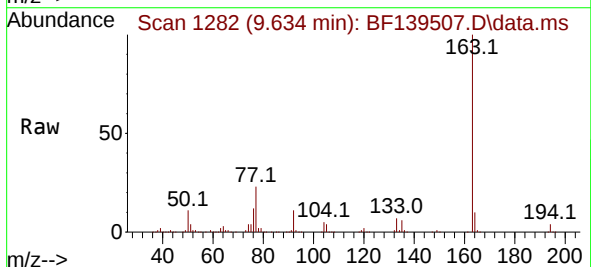
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



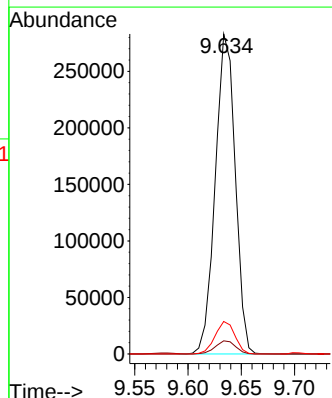
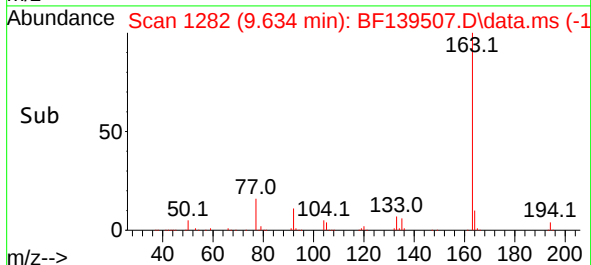
Tgt Ion:152 Resp: 468755
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.3 15.5

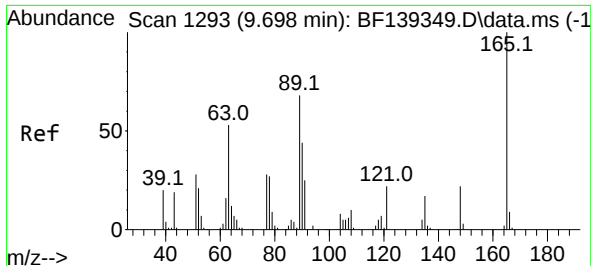


#50
Dimethylphthalate
Concen: 49.610 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:163 Resp: 368299
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2

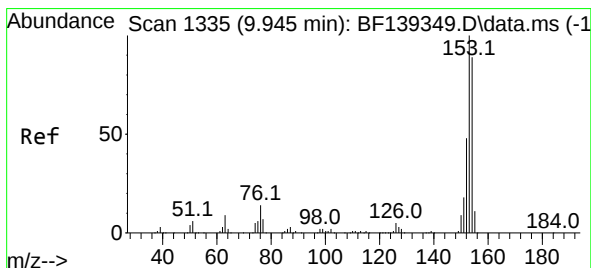
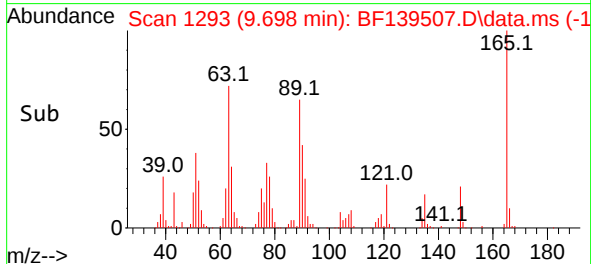
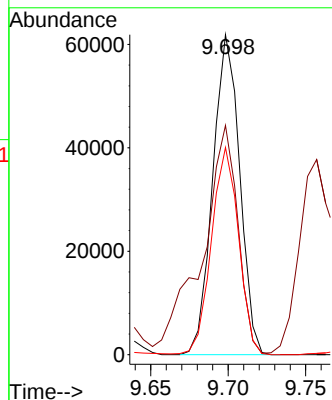
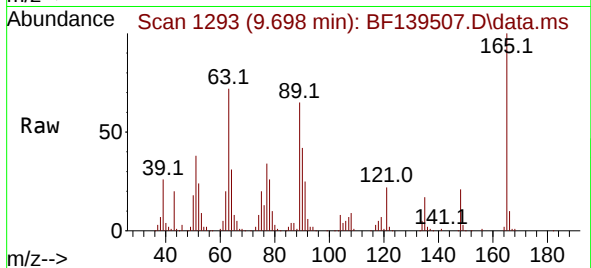




#51
2,6-Dinitrotoluene
Concen: 45.434 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

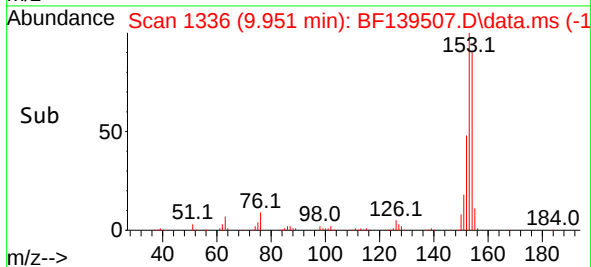
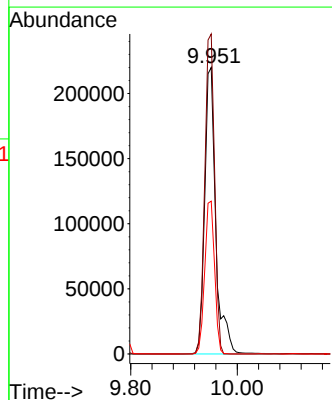
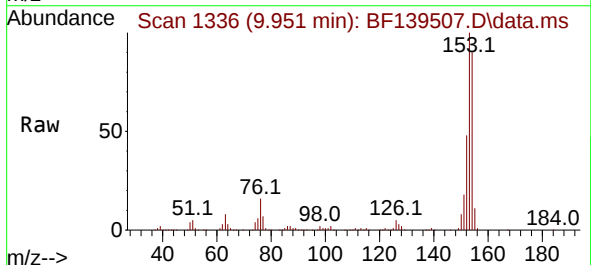
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

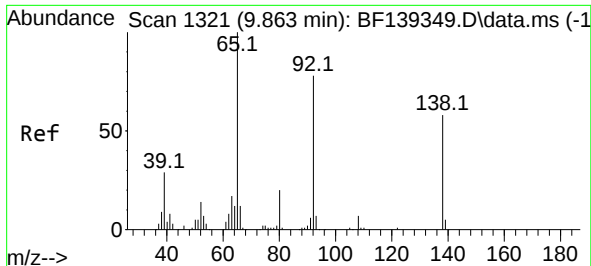
Tgt Ion:165 Resp: 74721
Ion Ratio Lower Upper
165 100
63 71.6 60.9 91.3
89 64.7 54.7 82.1



#52
Acenaphthene
Concen: 46.558 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:154 Resp: 318245
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.4 42.6 64.0

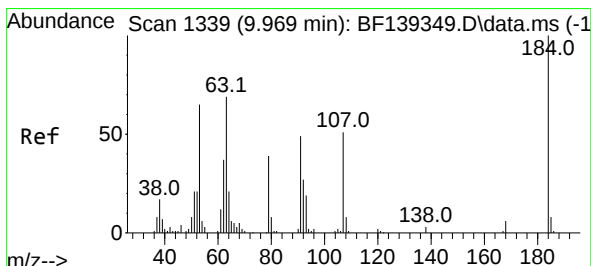
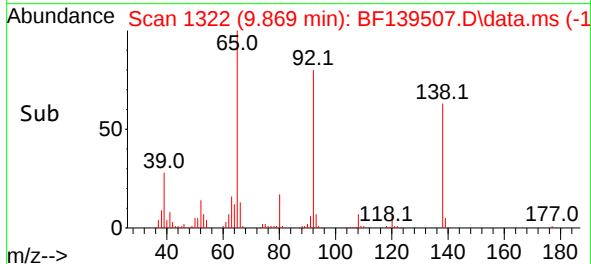
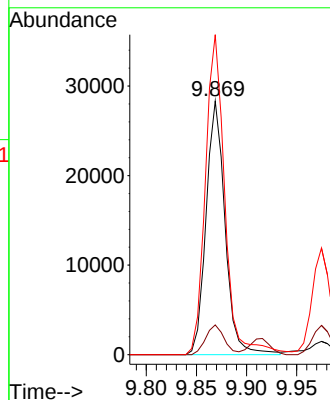
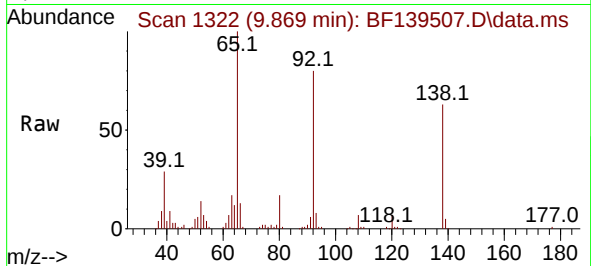




#53
3-Nitroaniline
Concen: 22.787 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

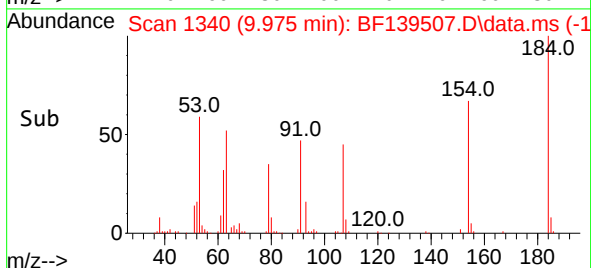
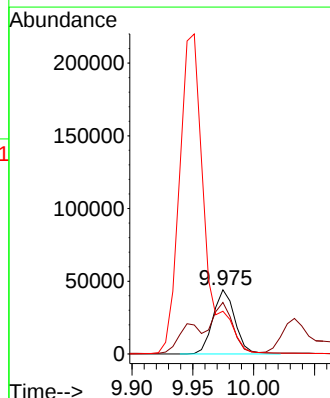
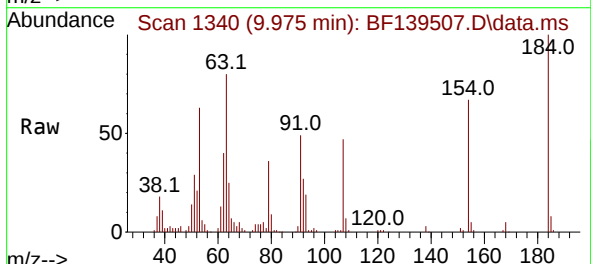
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

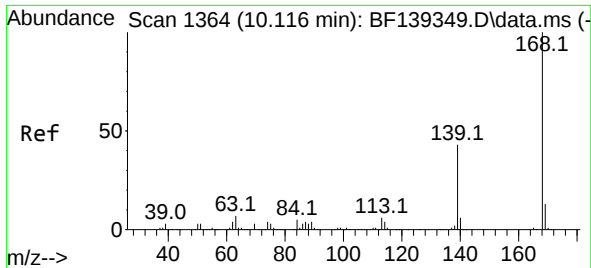
Tgt Ion:138 Resp: 37452
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 126.2 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 60.676 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:184 Resp: 55604
Ion Ratio Lower Upper
184 100
63 80.3 69.3 103.9
154 66.7 67.5 101.3#

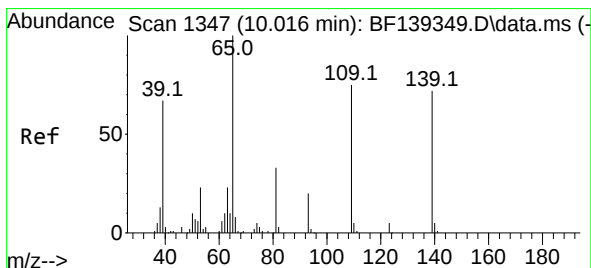
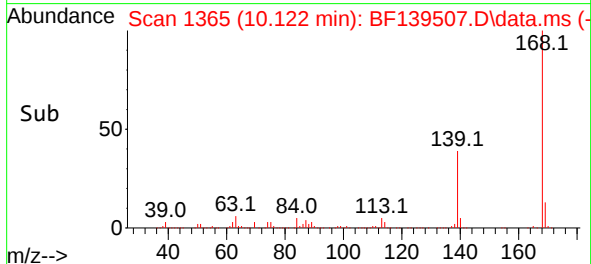
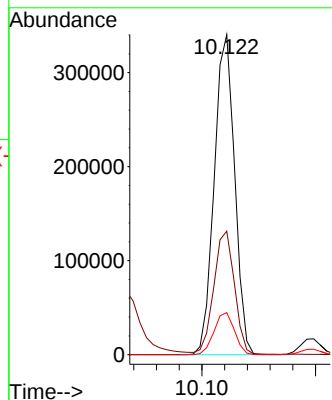
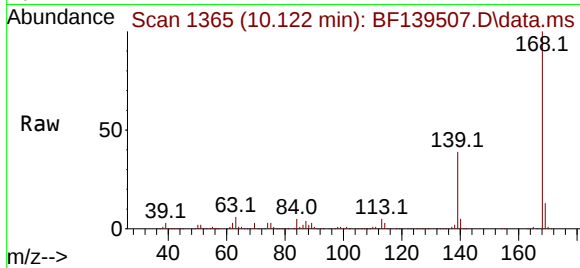




#55
Dibenzofuran
Concen: 44.545 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

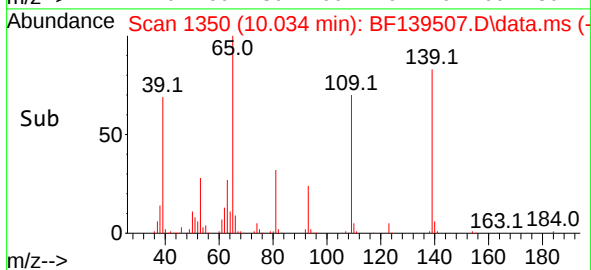
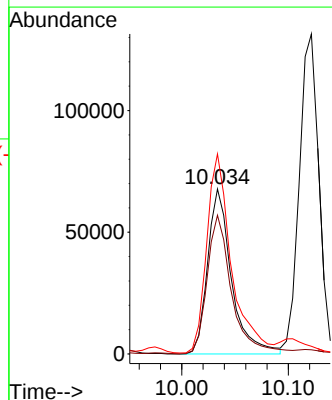
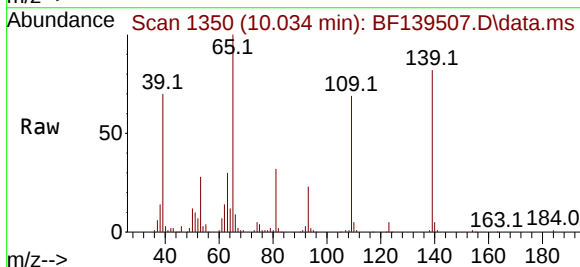
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

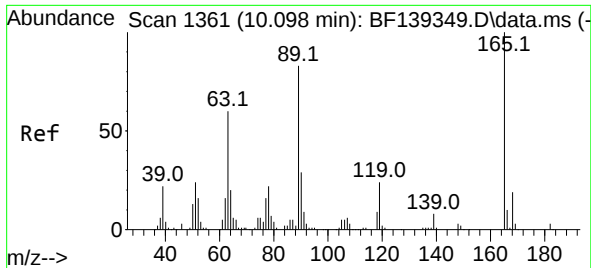
Tgt Ion:168 Resp: 424399
Ion Ratio Lower Upper
168 100
139 38.6 34.1 51.1
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 78.011 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:139 Resp: 106094
Ion Ratio Lower Upper
139 100
109 84.1 84.1 124.1#
65 121.3 120.0 160.0

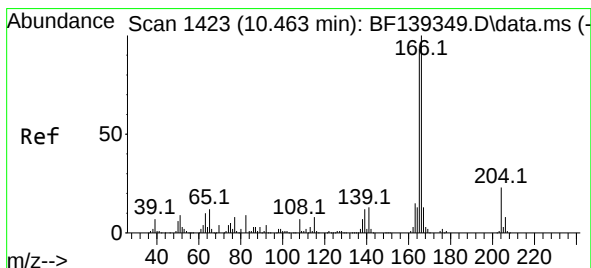
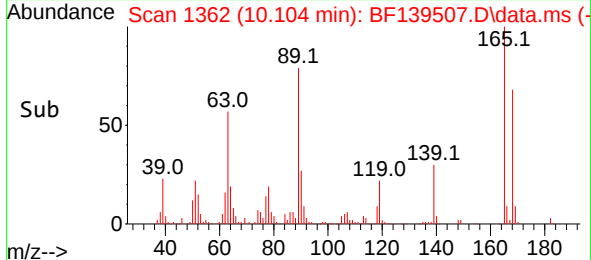
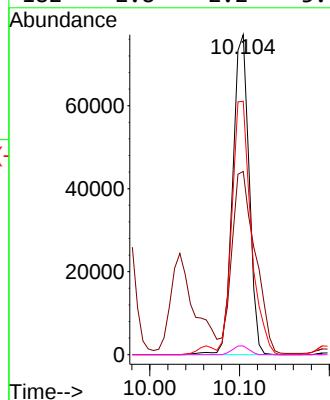
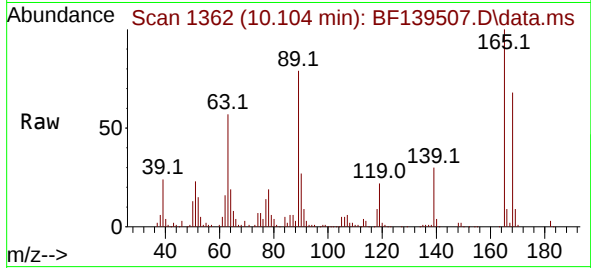




#57
2,4-Dinitrotoluene
Concen: 44.125 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

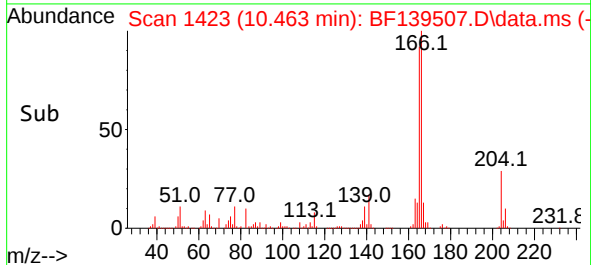
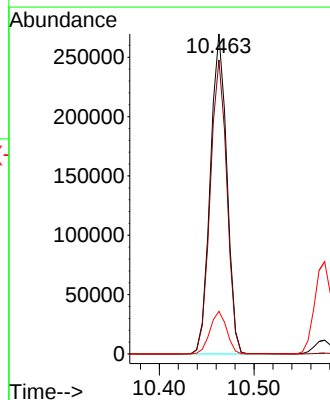
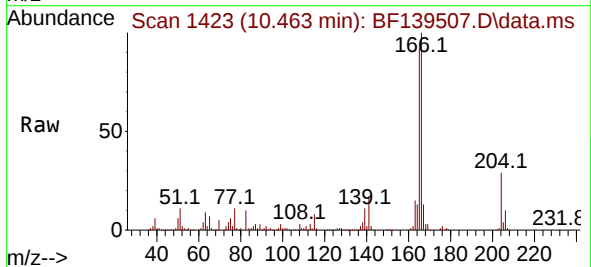
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

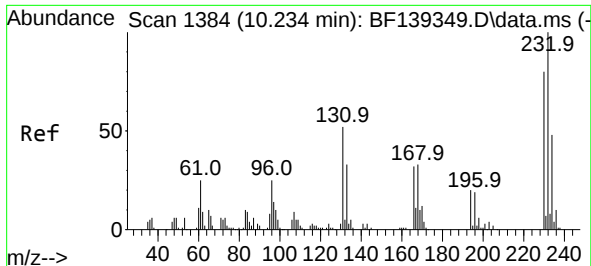
Tgt Ion:165 Resp: 97973
Ion Ratio Lower Upper
165 100
63 57.2 47.8 71.6
89 79.2 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 42.055 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:166 Resp: 326915
Ion Ratio Lower Upper
166 100
165 91.9 74.5 111.7
167 13.3 10.6 16.0

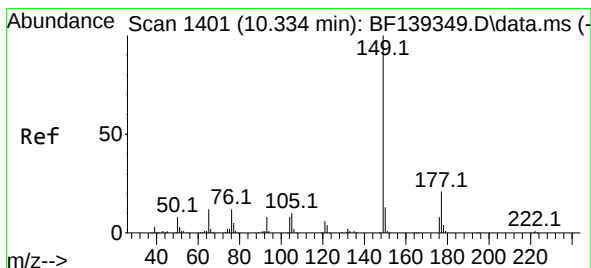
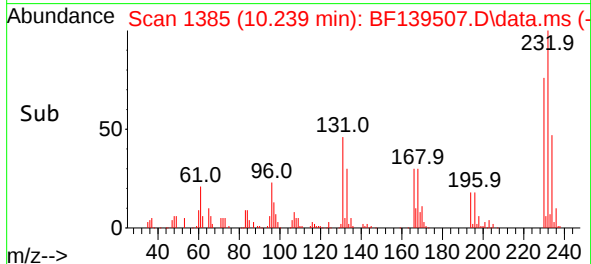
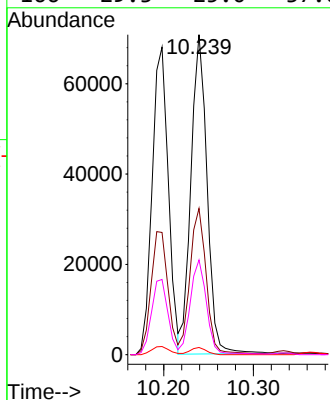
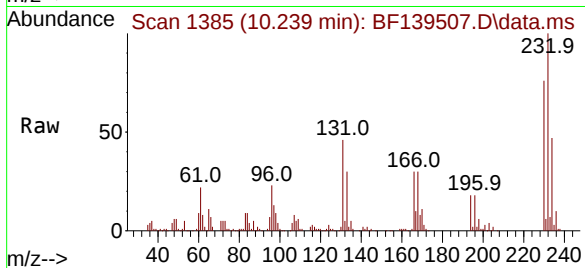




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.447 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

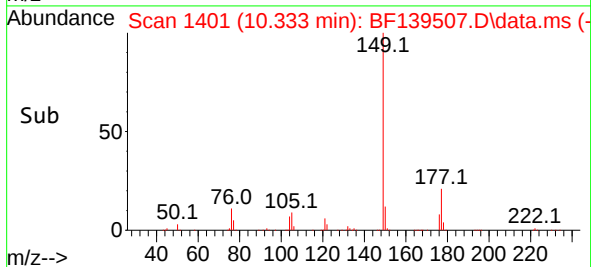
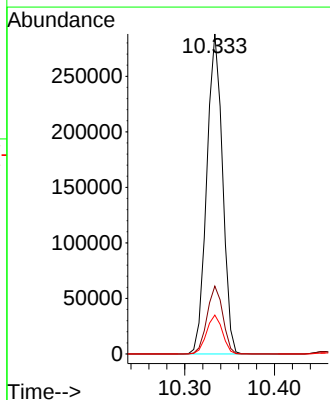
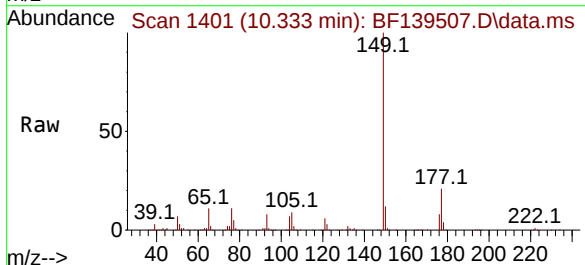
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

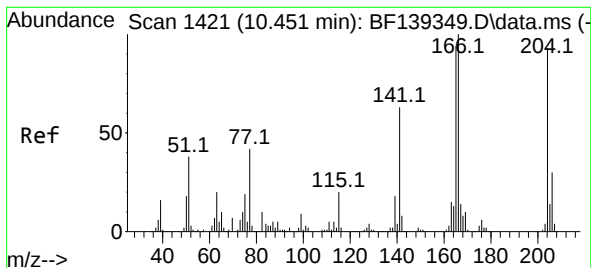
Tgt Ion:232 Resp: 88390
Ion Ratio Lower Upper
232 100
131 45.5 40.7 61.1
130 2.3 2.2 3.2
166 29.3 25.0 37.6



#60
Diethylphthalate
Concen: 45.886 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:149 Resp: 351534
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.2 10.6 15.8

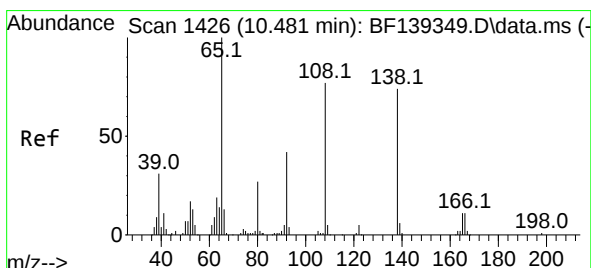
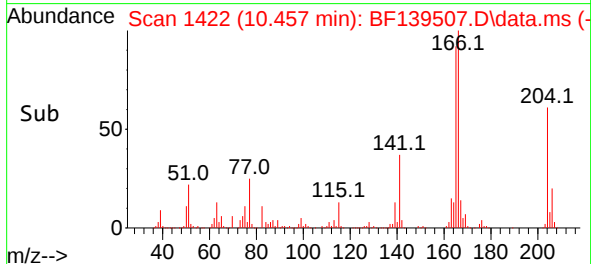
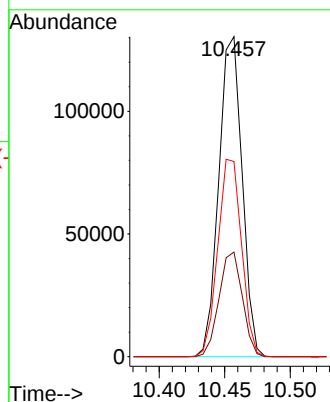
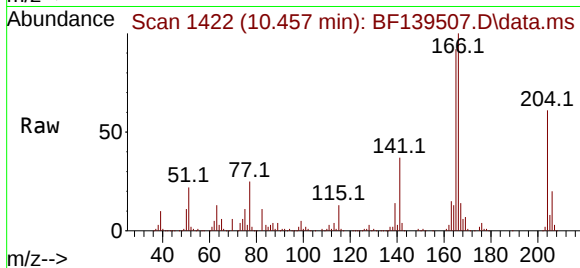




#61
4-Chlorophenyl-phenylether
Concen: 42.722 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

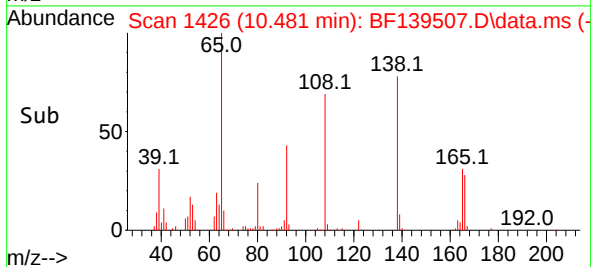
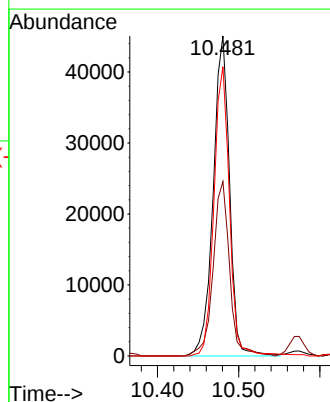
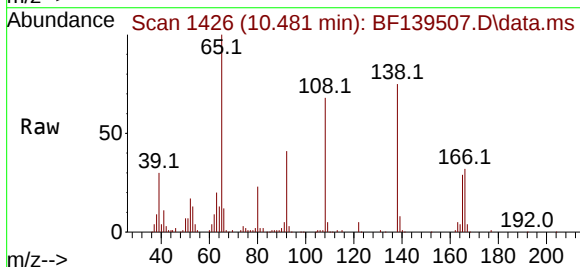
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

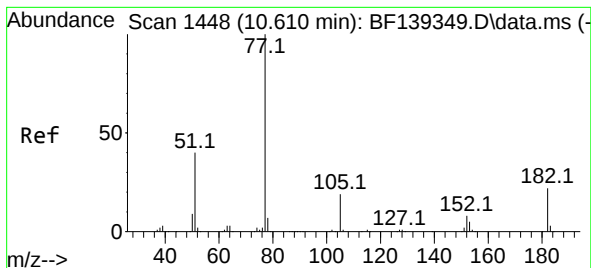
Tgt Ion:204 Resp: 161397
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 61.0 53.9 80.9



#62
4-Nitroaniline
Concen: 35.202 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:138 Resp: 63145
Ion Ratio Lower Upper
138 100
92 54.5 37.0 77.0
108 90.4 84.4 124.4





#63

Azobenzene

Concen: 42.290 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion: 77 Resp: 318658

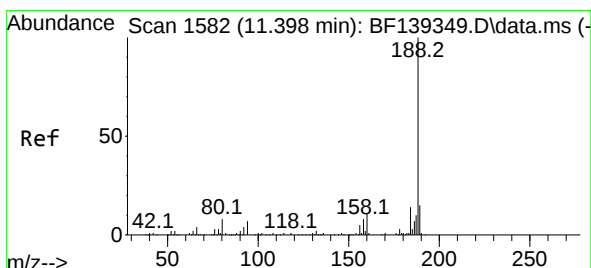
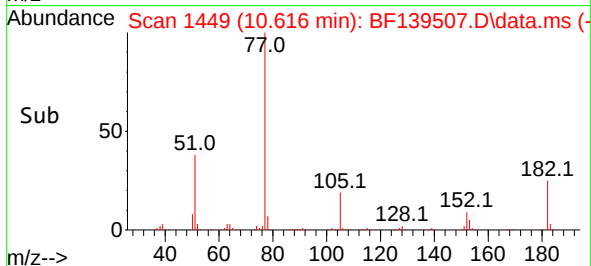
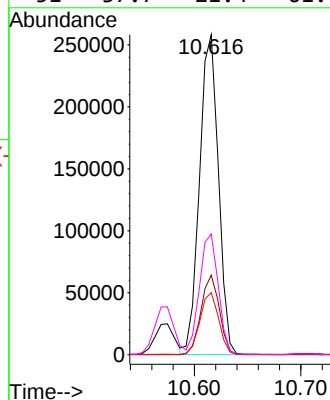
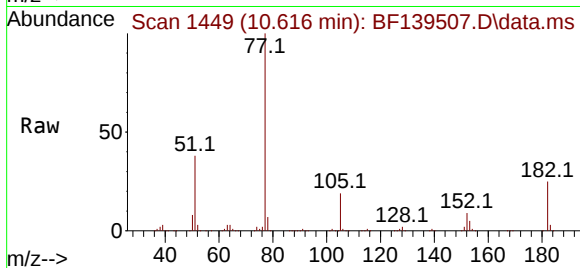
Ion Ratio Lower Upper

77 100

182 24.9 1.8 41.8

105 19.4 0.0 38.6

51 37.7 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

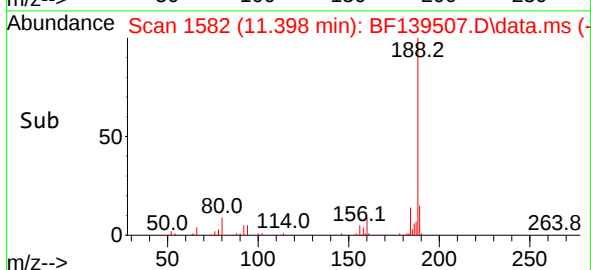
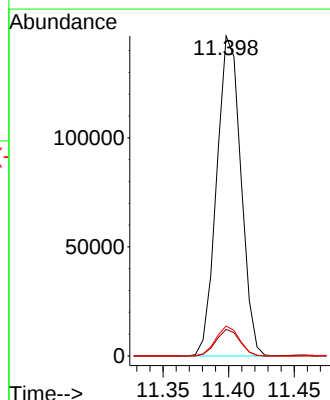
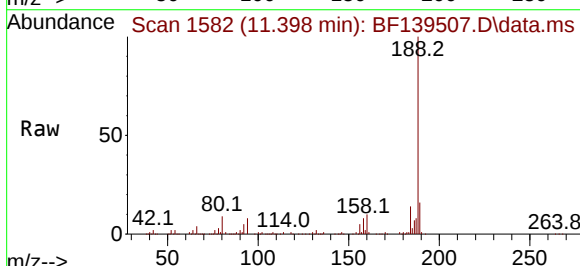
Tgt Ion:188 Resp: 188079

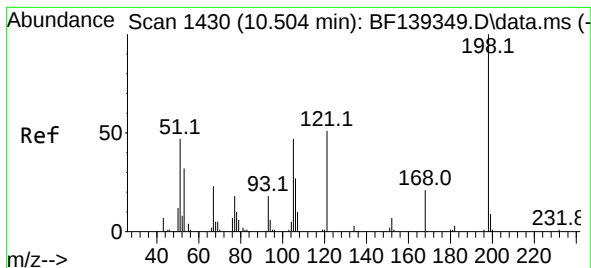
Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.3 6.6 9.8

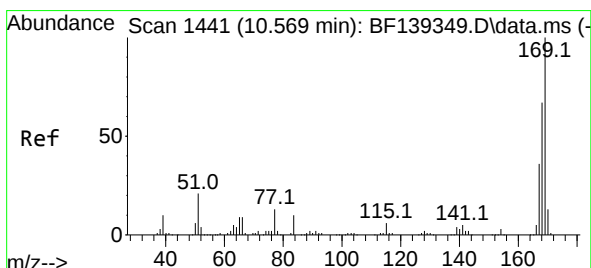
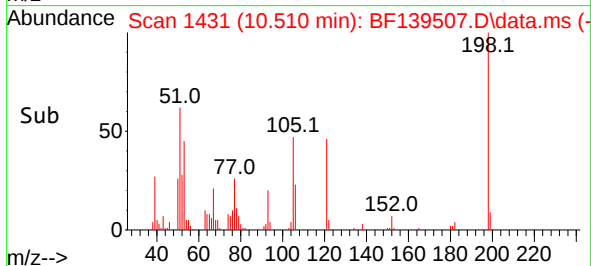
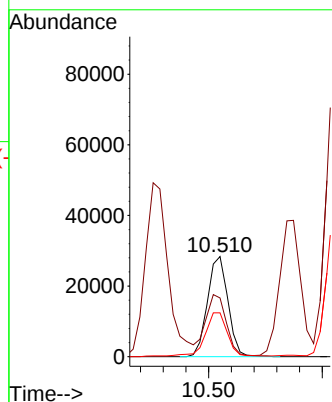
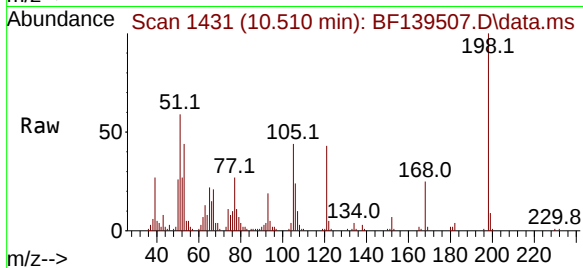




#65
4,6-Dinitro-2-methylphenol
Concen: 35.703 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

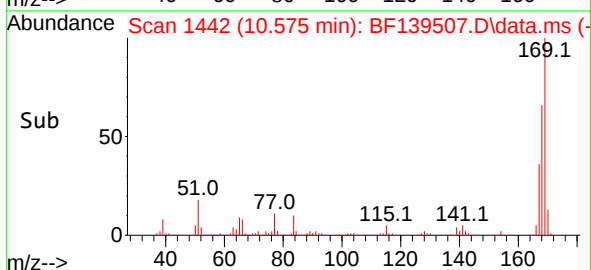
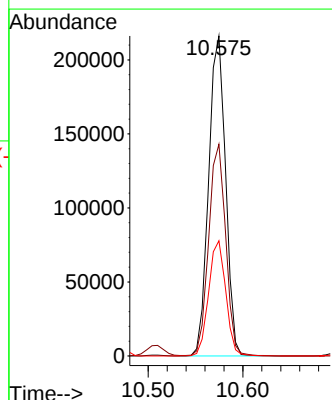
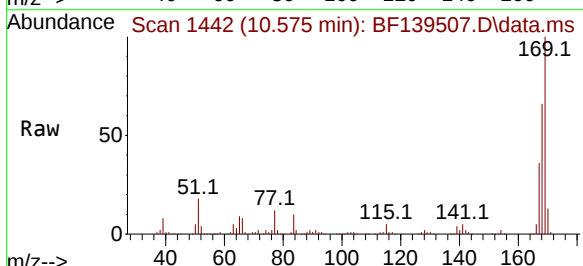
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

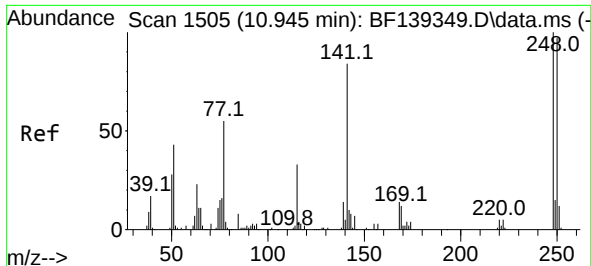
Tgt Ion:198 Resp: 35441
Ion Ratio Lower Upper
198 100
51 58.6 50.4 90.4
105 43.7 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 48.677 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:169 Resp: 267664
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.0 28.7 43.1

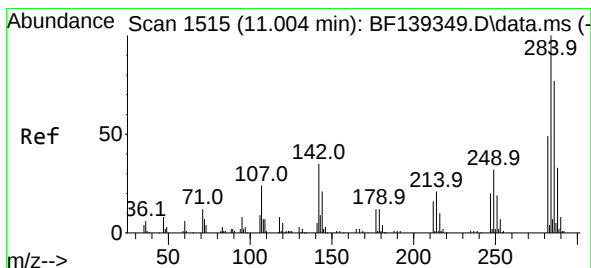
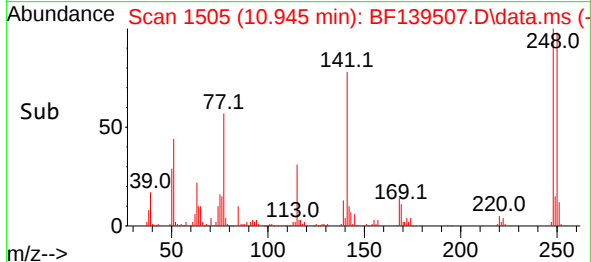
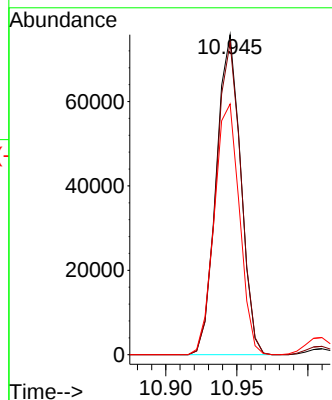
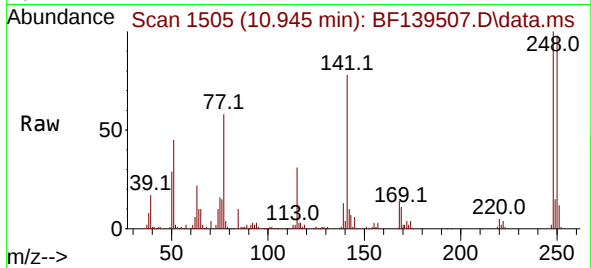




#67
4-Bromophenyl-phenylether
Concen: 48.684 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

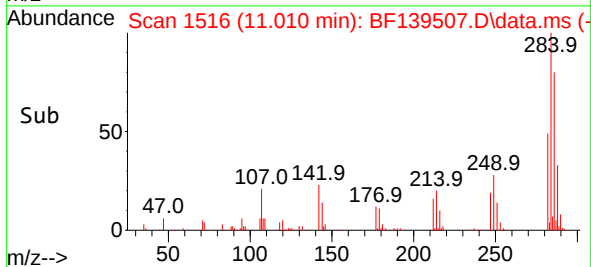
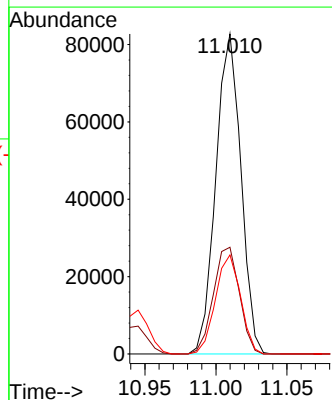
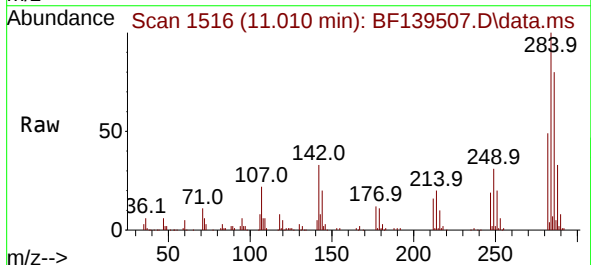
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:248 Resp: 90738
Ion Ratio Lower Upper
248 100
250 97.5 77.6 116.4
141 78.3 66.9 100.3



#68
Hexachlorobenzene
Concen: 46.413 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:284 Resp: 101524
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 30.9 25.3 37.9





#69

Atrazine

Concen: 45.342 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

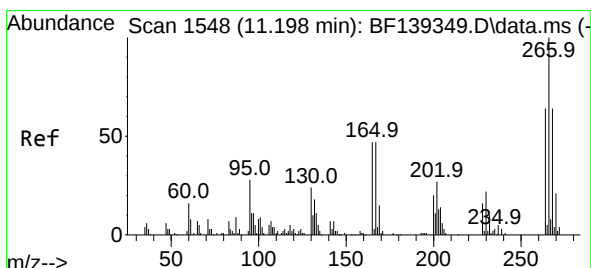
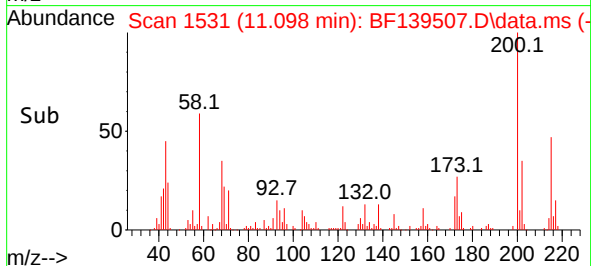
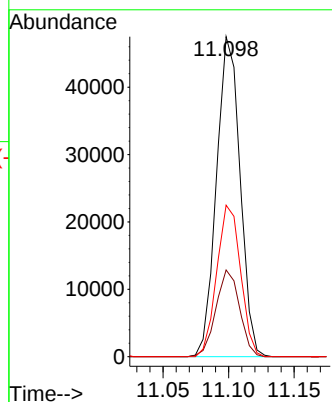
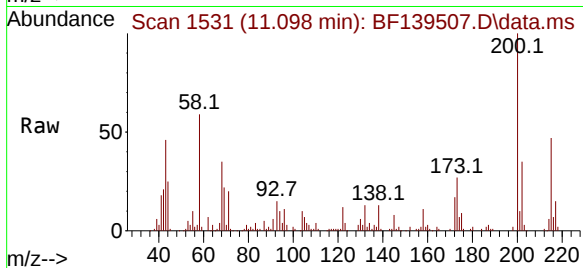
Tgt Ion:200 Resp: 59357

Ion Ratio Lower Upper

200 100

173 27.1 6.1 46.1

215 47.4 28.2 68.2



#70

Pentachlorophenol

Concen: 100.448 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

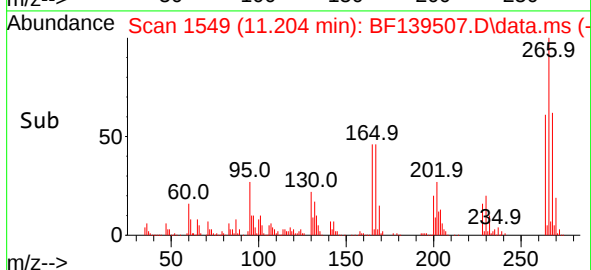
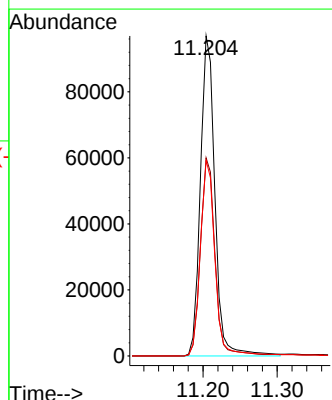
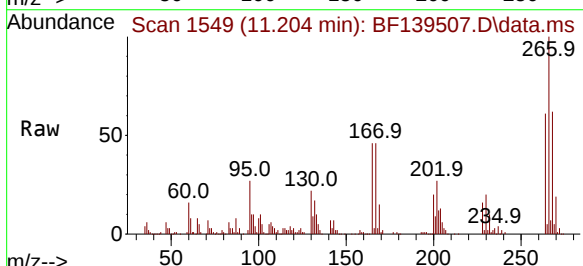
Tgt Ion:266 Resp: 131843

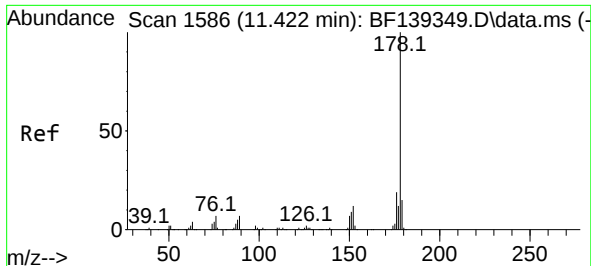
Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

264 61.1 51.4 77.0

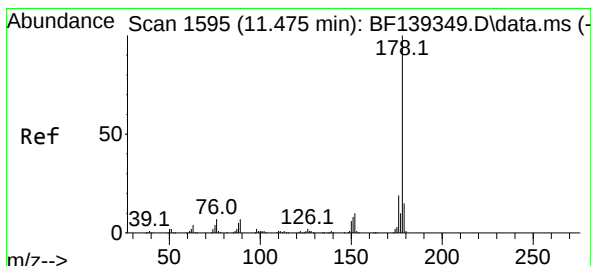
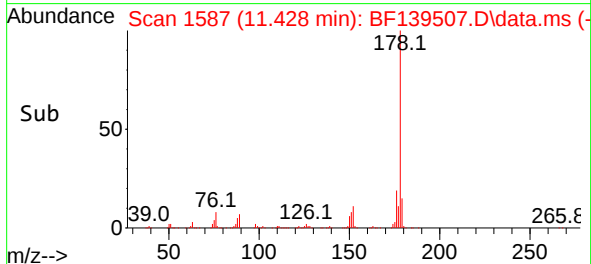
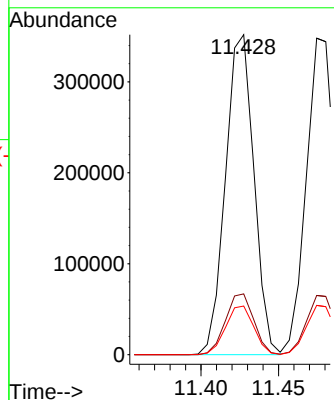
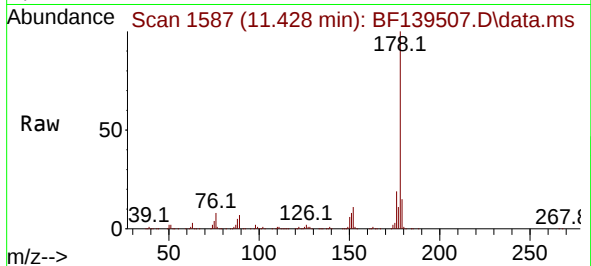




#71
Phenanthrene
Concen: 49.509 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

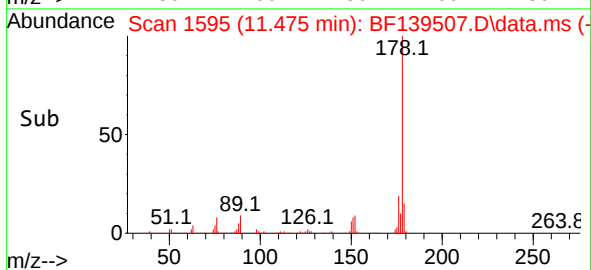
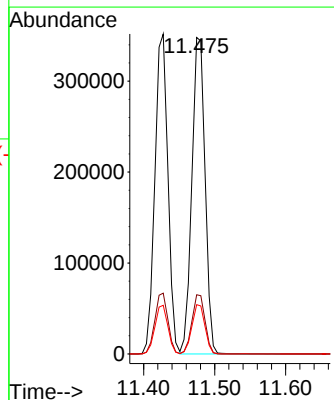
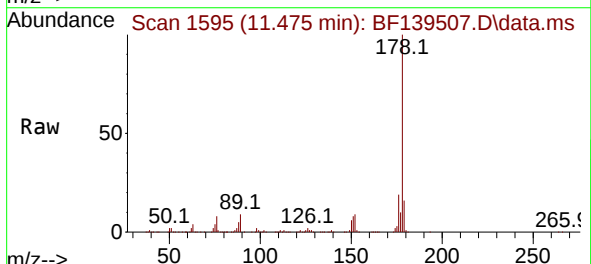
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

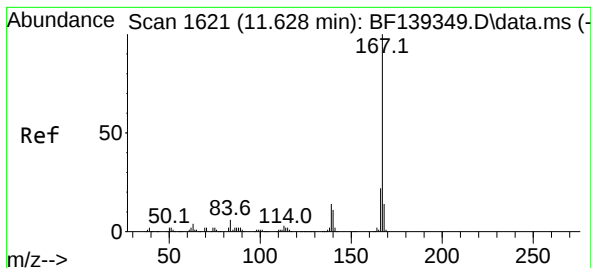
Tgt Ion:178 Resp: 449246
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 50.853 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:178 Resp: 451163
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.0 18.0





#73

Carbazole

Concen: 49.298 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

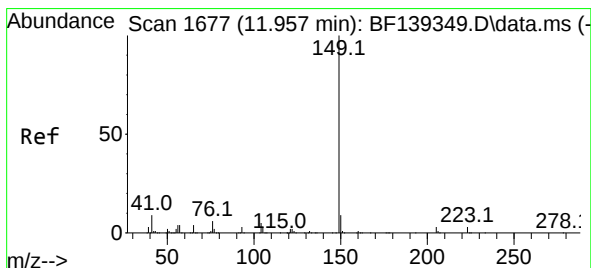
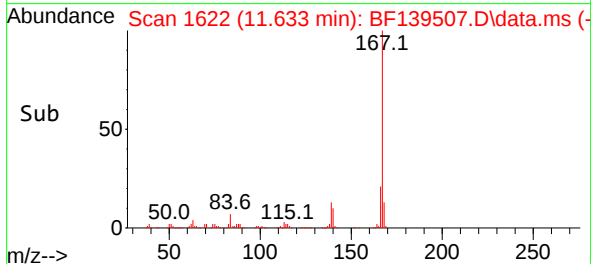
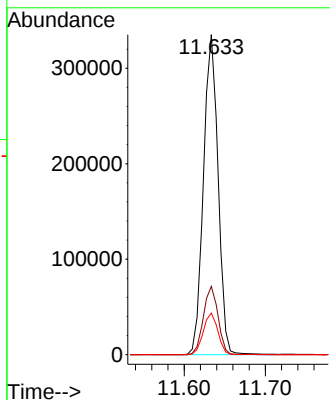
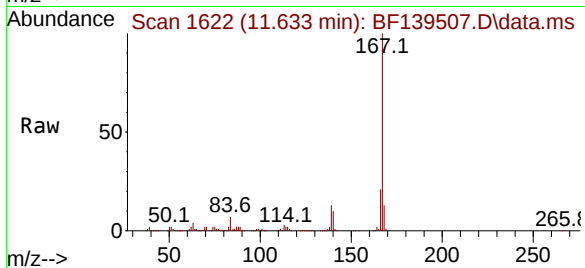
Tgt Ion:167 Resp: 418600

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 50.356 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

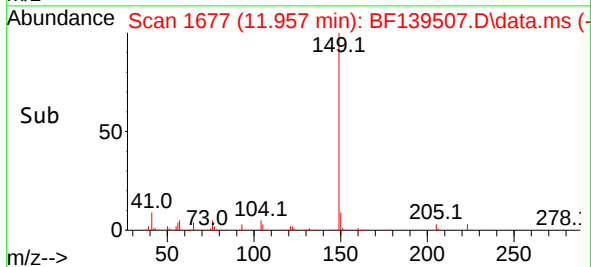
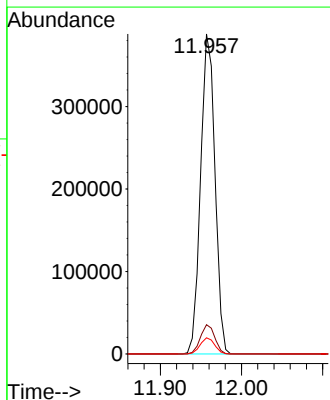
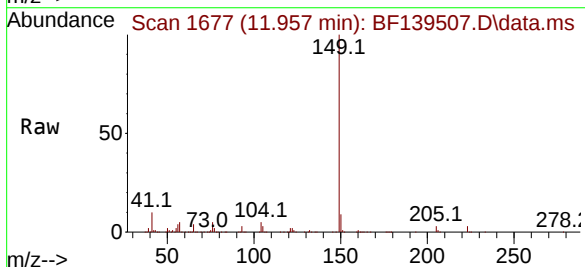
Tgt Ion:149 Resp: 476319

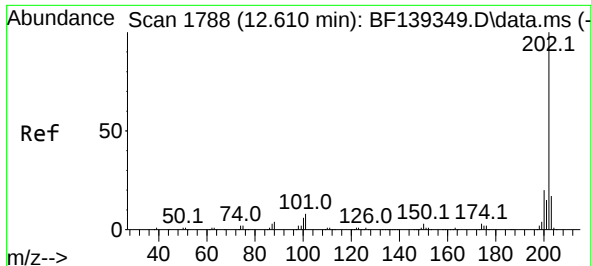
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.1 4.3 6.5

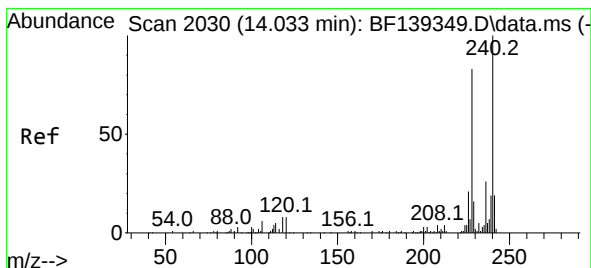
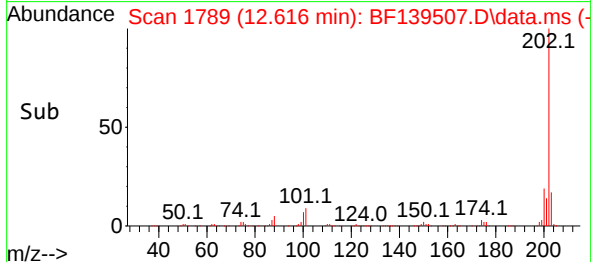
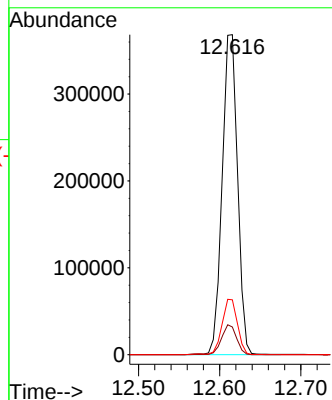
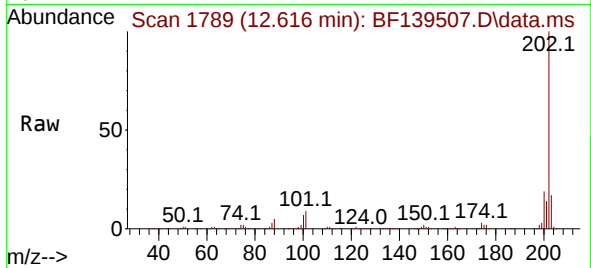




#75
Fluoranthene
Concen: 50.269 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

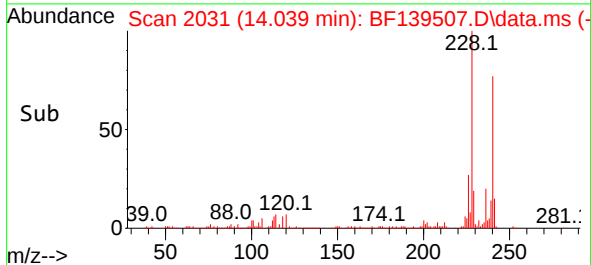
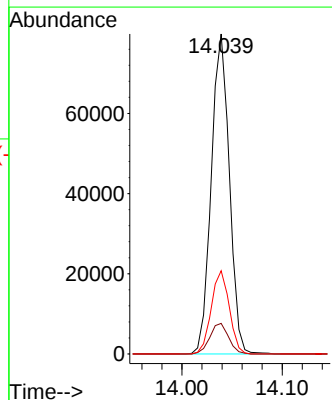
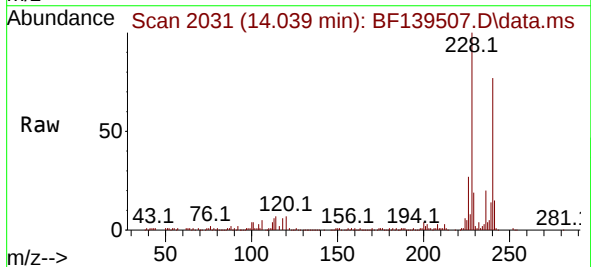
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

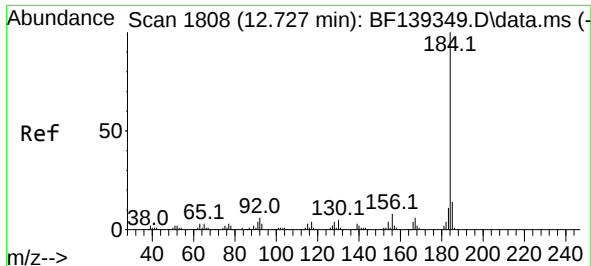
Tgt Ion:202 Resp: 487126
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.7
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:240 Resp: 100035
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 26.0 20.9 31.3

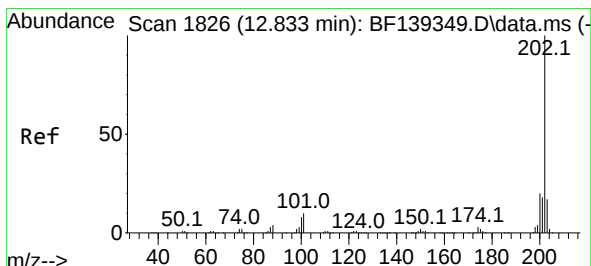
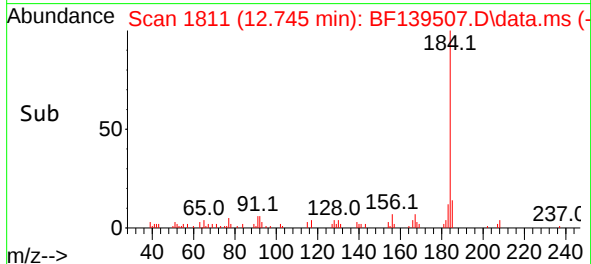
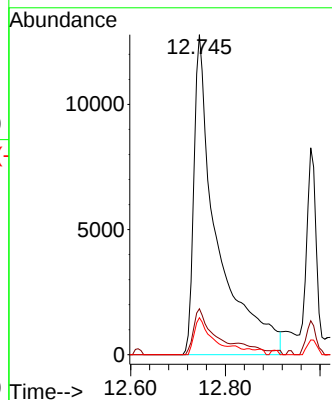
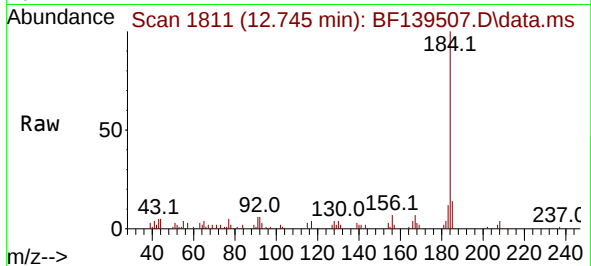




#77
Benzidine
Concen: 30.192 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

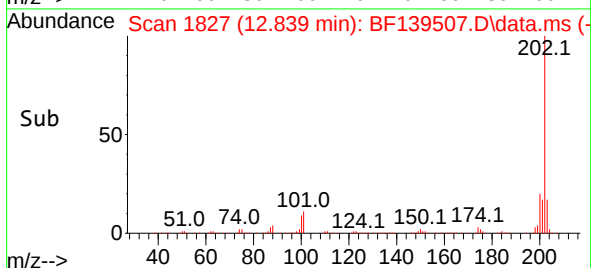
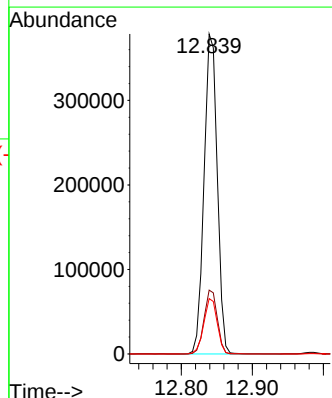
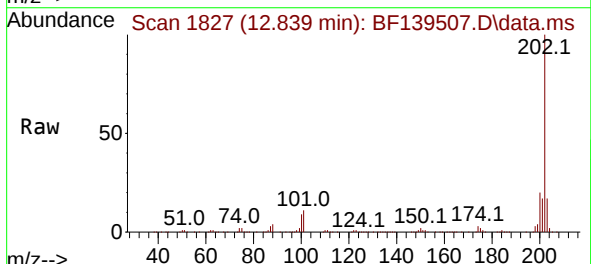
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:184 Resp: 43271
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.5 8.9 13.3



#78
Pyrene
Concen: 57.105 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:202 Resp: 490496
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 109.359 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139507.D

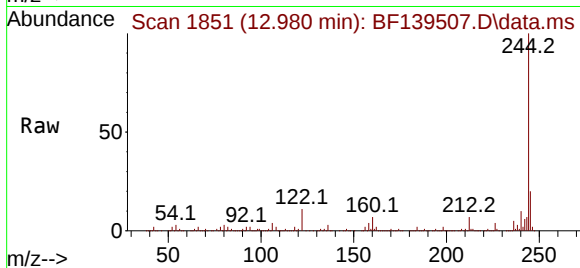
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



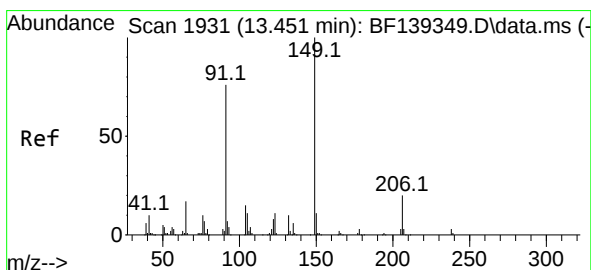
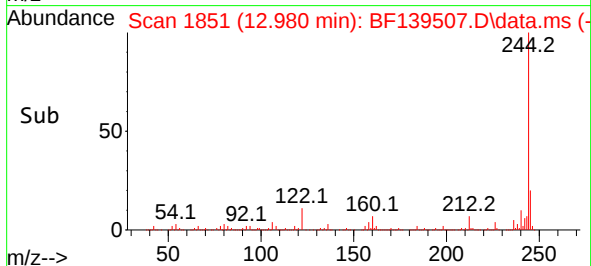
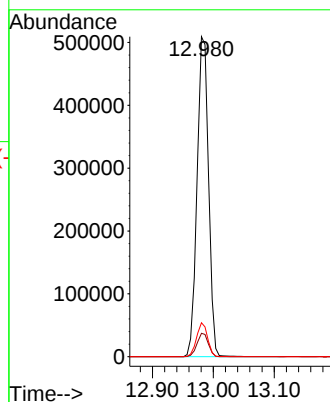
Tgt Ion:244 Resp: 666491

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 61.177 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

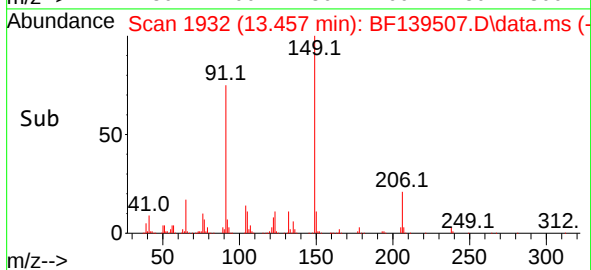
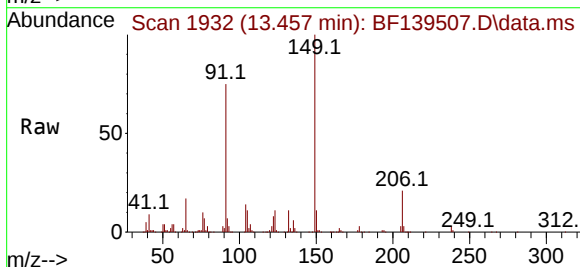
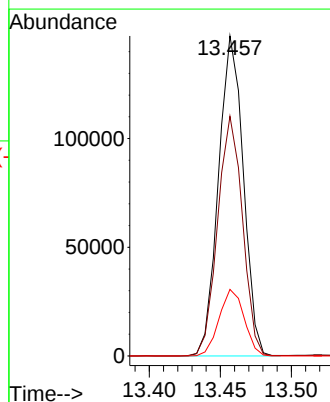
Tgt Ion:149 Resp: 178858

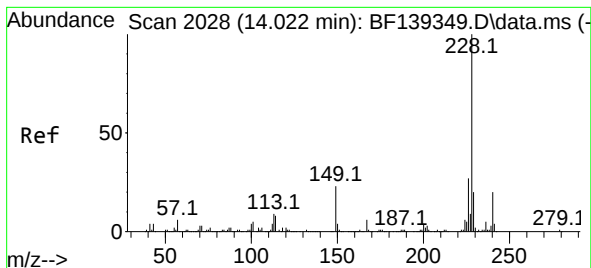
Ion Ratio Lower Upper

149 100

91 74.9 60.9 91.3

206 20.8 15.8 23.8





#81

Benzo(a)anthracene

Concen: 50.242 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

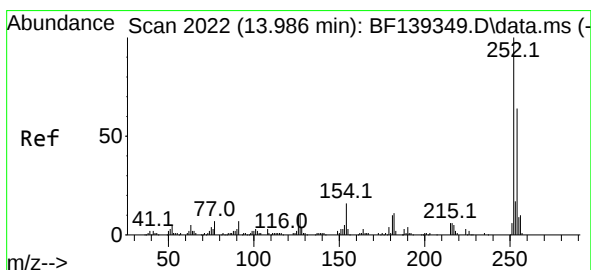
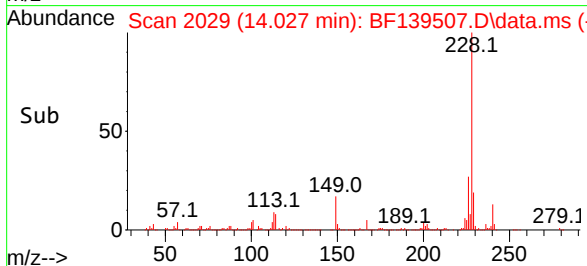
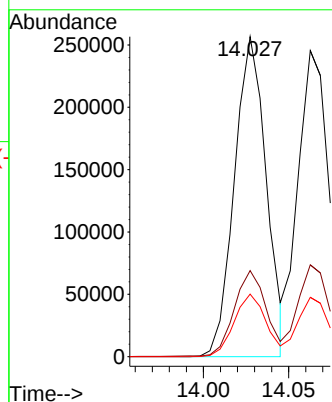
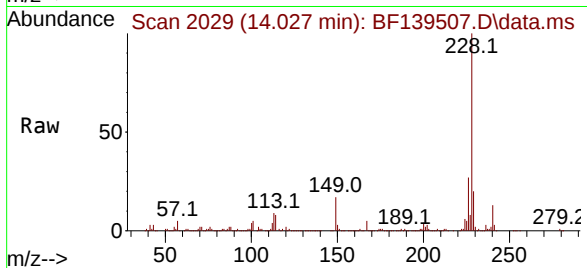
Tgt Ion:228 Resp: 332917

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.072 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

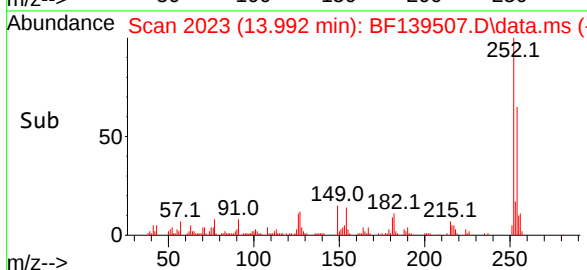
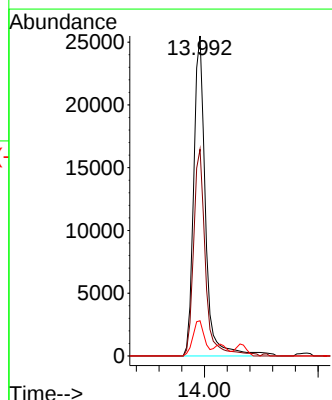
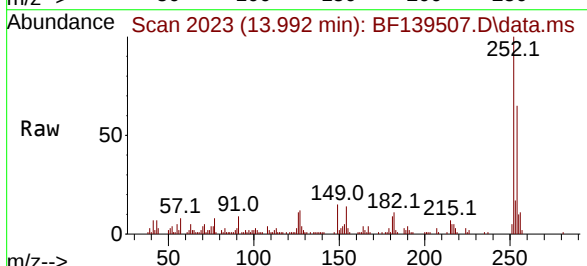
Tgt Ion:252 Resp: 37010

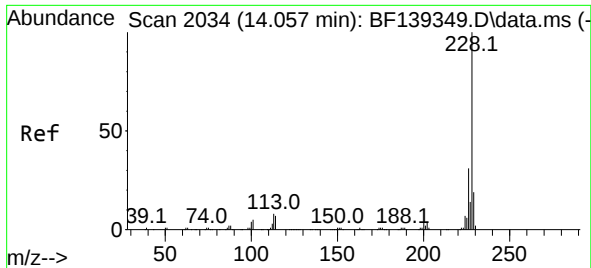
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 11.0 7.7 11.5





#83

Chrysene

Concen: 50.802 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

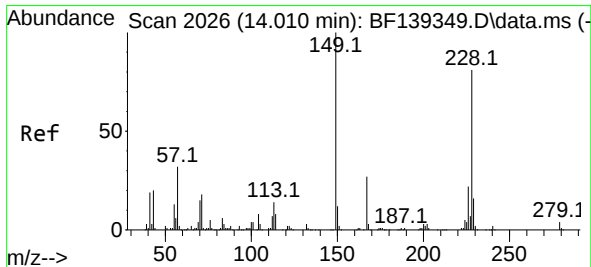
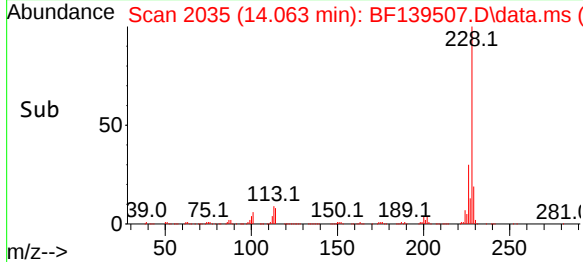
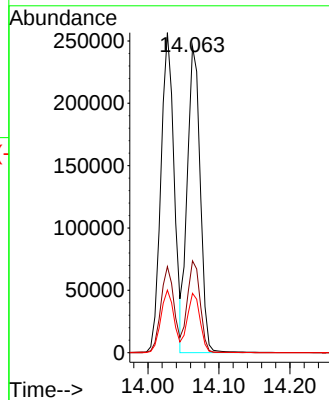
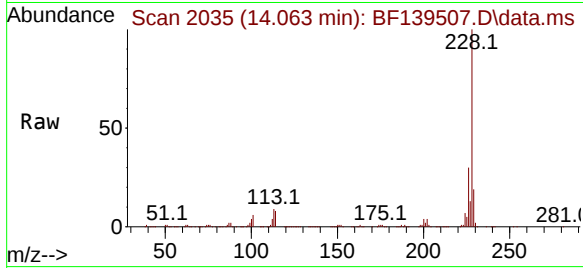
Tgt Ion:228 Resp: 309698

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.511 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

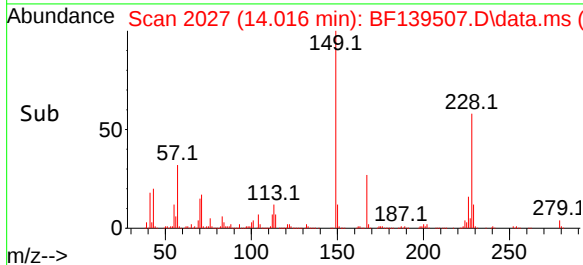
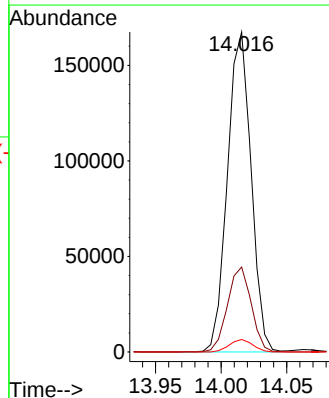
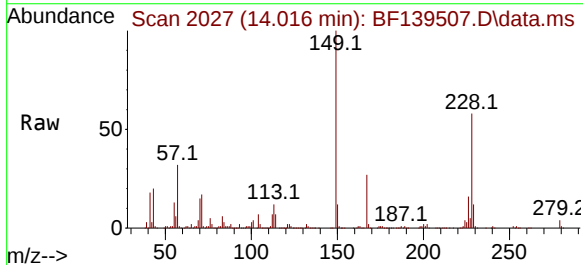
Tgt Ion:149 Resp: 210180

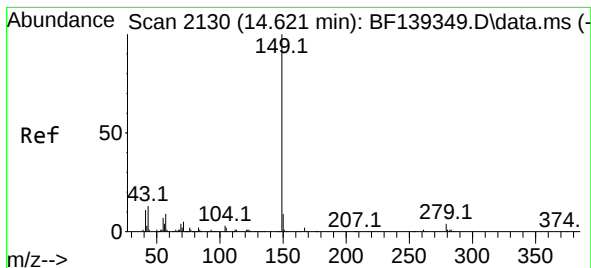
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.348 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

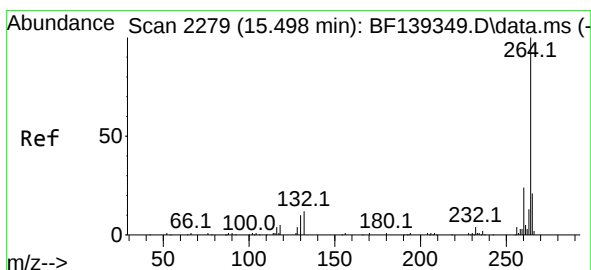
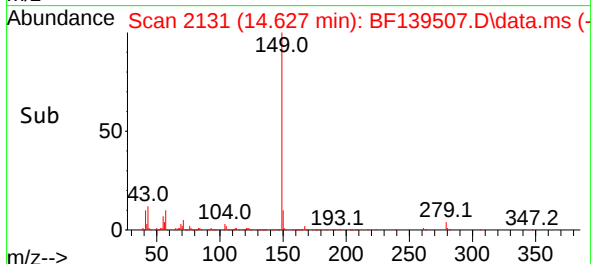
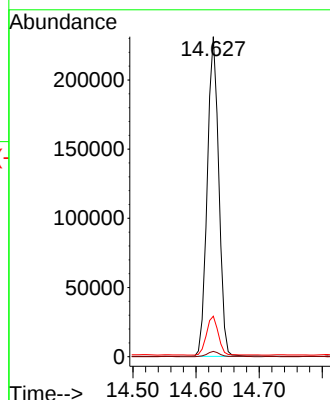
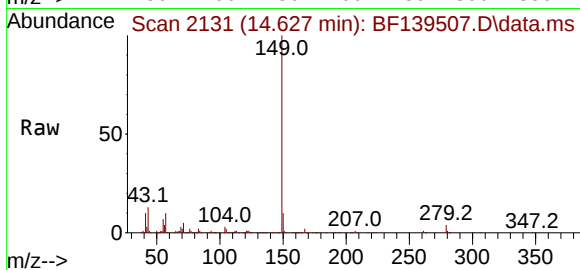
Tgt Ion:149 Resp: 292207

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 12.5 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

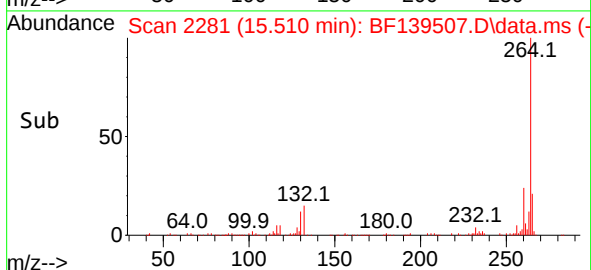
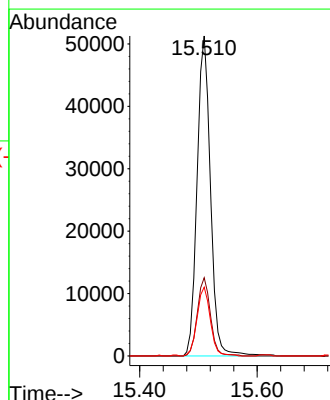
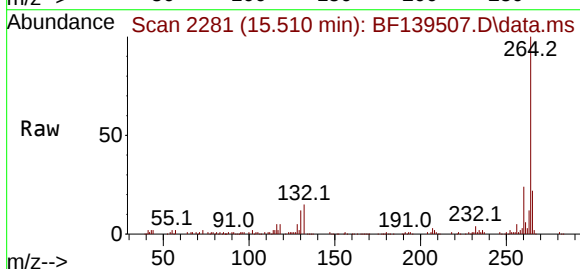
Tgt Ion:264 Resp: 80990

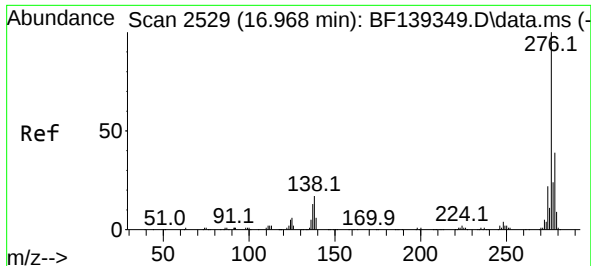
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.036 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

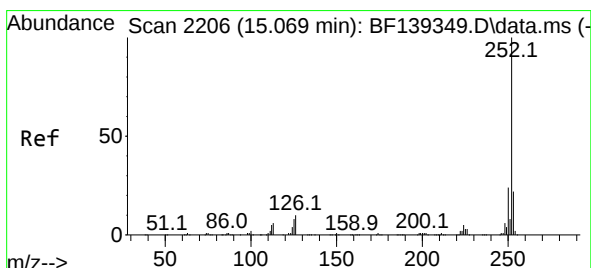
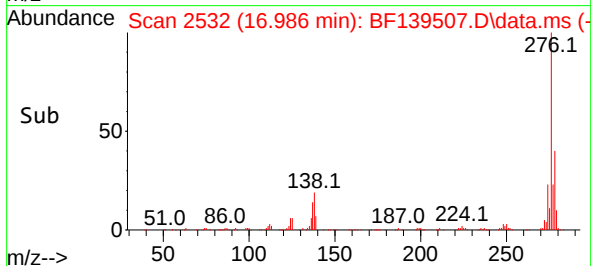
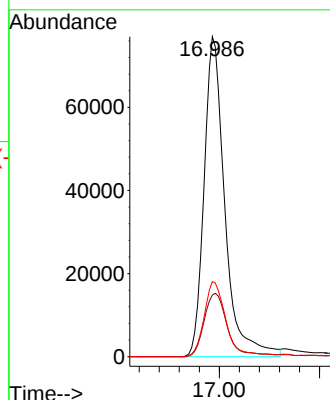
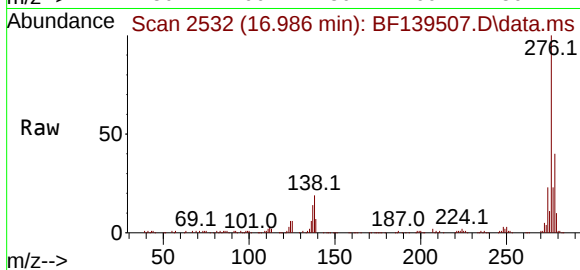
Tgt Ion:276 Resp: 221703

Ion Ratio Lower Upper

276 100

138 22.2 15.4 23.2

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.593 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

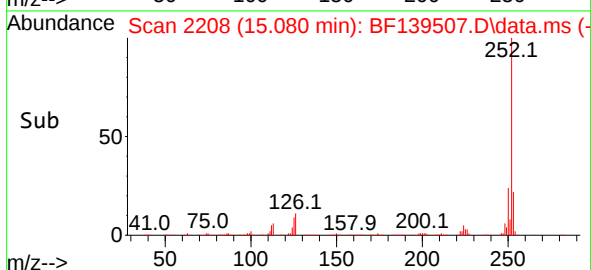
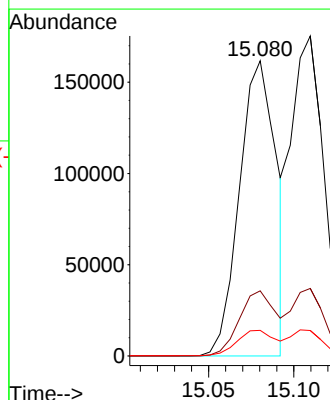
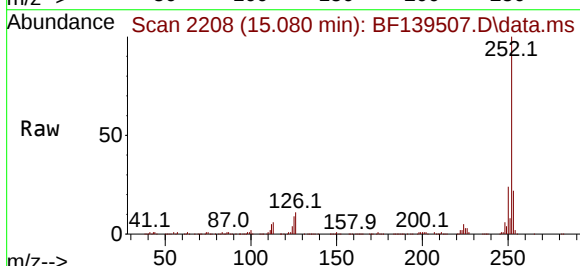
Tgt Ion:252 Resp: 242720

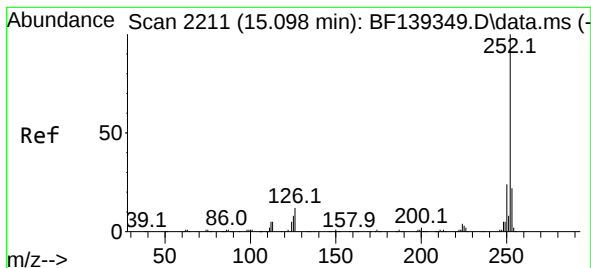
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 8.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 51.021 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

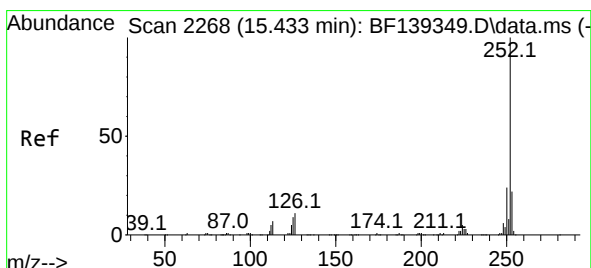
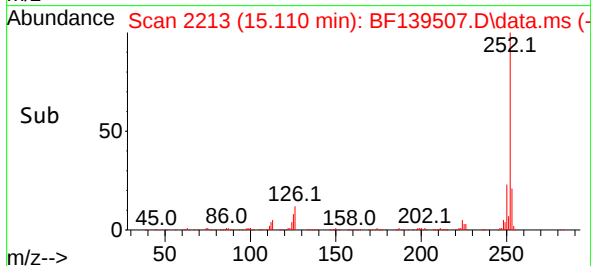
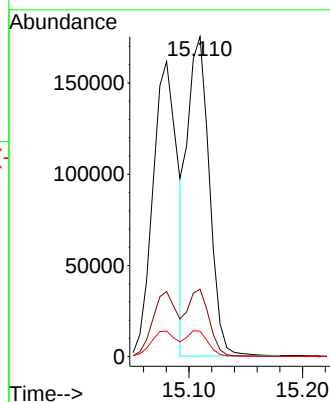
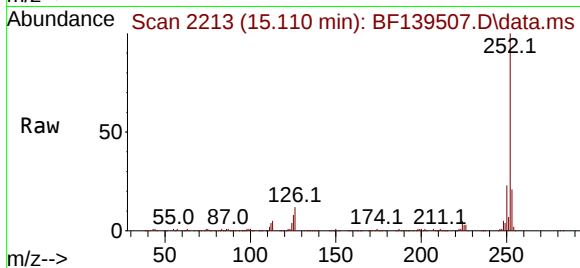
Tgt Ion:252 Resp: 234976

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 8.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 53.128 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

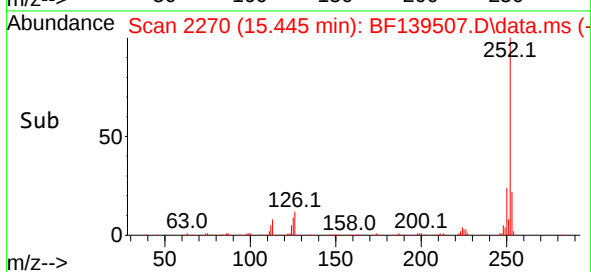
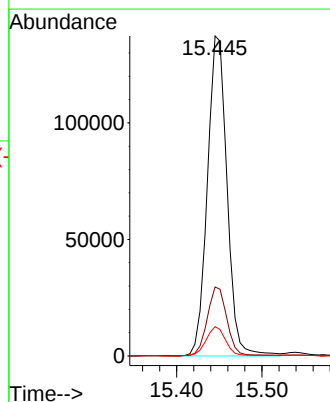
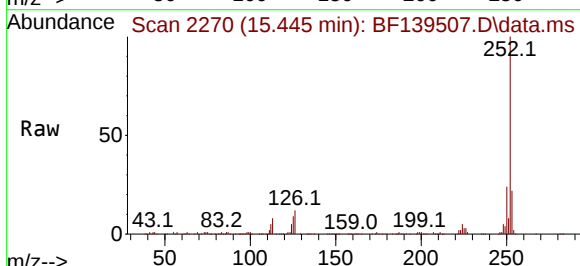
Tgt Ion:252 Resp: 220085

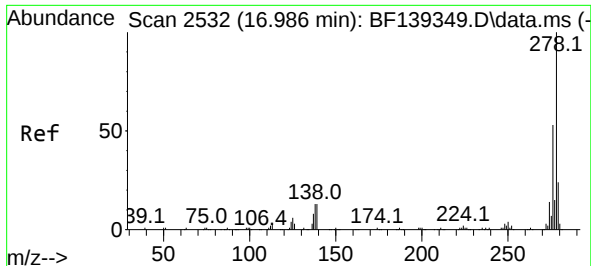
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.2 6.8 10.2

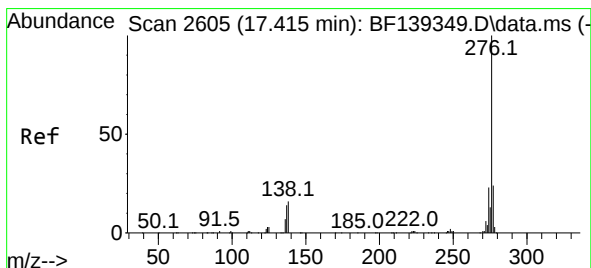
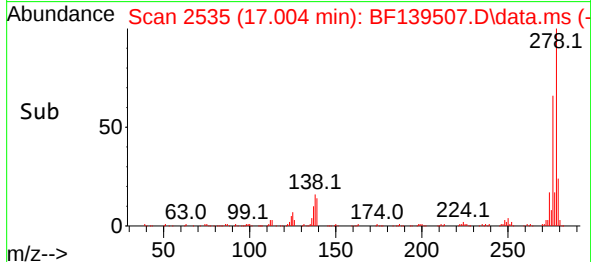
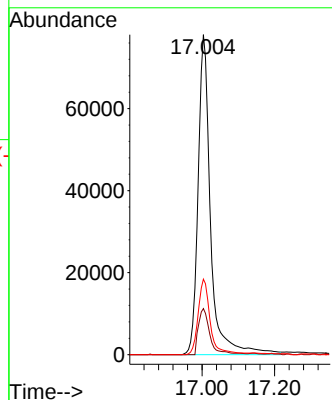
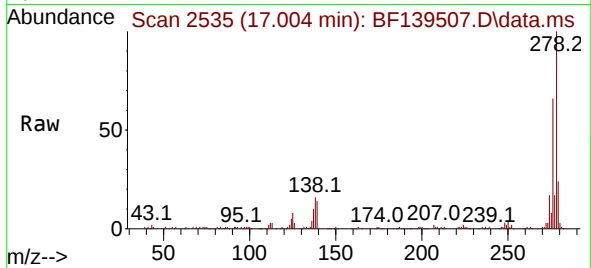




#91
Dibenzo(a,h)anthracene
Concen: 46.882 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:278 Resp: 186565
Ion Ratio Lower Upper
278 100
139 14.4 10.2 15.2
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.562 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:276 Resp: 163763
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 19.6 13.0 19.6#

