

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139517.D
 Acq On : 24 Sep 2024 13:29
 Operator : RC/JU
 Sample : PB163555BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163555BS

Quant Time: Sep 24 13:53:35 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	6.875	152	71567	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	261697	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	142541	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268800	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	134801	20.000	ng	0.00
86) Perylene-d12	15.510	264	142178	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	547782	124.865	ng	0.01
7) Phenol-d6	6.510	99	707155	122.808	ng	0.00
23) Nitrobenzene-d5	7.439	82	470318	84.488	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184016	121.261	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	847277	83.367	ng	0.00
79) Terphenyl-d14	12.980	244	813829	99.095	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	76047	43.207	ng	95
3) Pyridine	3.487	79	194076	50.012	ng	97
4) n-Nitrosodimethylamine	3.446	42	139948	41.608	ng	# 83
6) Aniline	6.540	93	207689	47.794	ng	# 81
8) 2-Chlorophenol	6.663	128	207717	45.997	ng	98
9) Benzaldehyde	6.428	77	34726	10.438	ng	95
10) Phenol	6.528	94	273562	46.646	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	215535	48.354	ng	100
12) 1,3-Dichlorobenzene	6.816	146	224565	43.726	ng	99
13) 1,4-Dichlorobenzene	6.892	146	227290	43.795	ng	99
14) 1,2-Dichlorobenzene	7.045	146	218287	44.512	ng	97
15) Benzyl Alcohol	7.022	79	195284	42.508	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	362460	52.763	ng	98
17) 2-Methylphenol	7.134	107	164577	45.870	ng	99
18) Hexachloroethane	7.387	117	84819	42.908	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	155028	45.433	ng	99
20) 3+4-Methylphenols	7.287	107	210368	42.976	ng	# 87
22) Acetophenone	7.287	105	289270	42.281	ng	98
24) Nitrobenzene	7.457	77	243505	42.502	ng	99
25) Isophorone	7.698	82	408952	46.452	ng	99
26) 2-Nitrophenol	7.775	139	108227	48.487	ng	91
27) 2,4-Dimethylphenol	7.810	122	155728	52.891	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	235722	46.980	ng	98
29) 2,4-Dichlorophenol	8.022	162	169845	45.408	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181134	41.561	ng	98
31) Naphthalene	8.181	128	614537	44.981	ng	100
32) Benzoic acid	7.928	122	116252	42.191	ng	91
33) 4-Chloroaniline	8.239	127	73050	17.478	ng	98
34) Hexachlorobutadiene	8.292	225	121733	41.113	ng	99
35) Caprolactam	8.592	113	40578	35.267	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	188938	44.198	ng	98
37) 2-Methylnaphthalene	8.869	142	391477	45.144	ng	98
38) 1-Methylnaphthalene	8.969	142	362832	42.618	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	185711	43.961	ng	99
41) Hexachlorocyclopentadiene	9.022	237	220644	149.588	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	124026	45.126	ng	99

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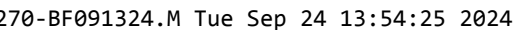
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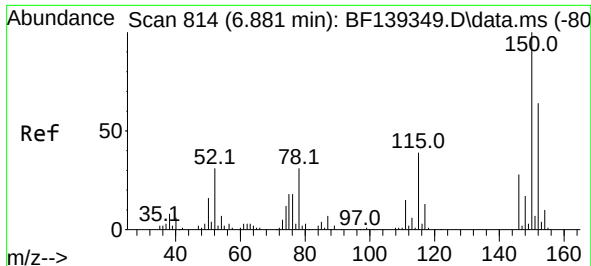
Quant Time: Sep 24 13:53:35 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	130401	44.979	ng	97
46) 1,1'-Biphenyl	9.333	154	482435	43.993	ng	99
47) 2-Chloronaphthalene	9.363	162	361019	44.030	ng	99
48) 2-Nitroaniline	9.457	65	137943	45.232	ng	98
49) Acenaphthylene	9.775	152	597628	48.421	ng	99
50) Dimethylphthalate	9.633	163	428435	45.795	ng	100
51) 2,6-Dinitrotoluene	9.698	165	94506	45.599	ng	94
52) Acenaphthene	9.951	154	427550	49.634	ng	100
53) 3-Nitroaniline	9.869	138	66820	32.260	ng	93
54) 2,4-Dinitrophenol	9.980	184	108167	93.662	ng	# 83
55) Dibenzofuran	10.122	168	544740	45.371	ng	96
56) 4-Nitrophenol	10.033	139	153593	89.617	ng	# 82
57) 2,4-Dinitrotoluene	10.104	165	131485	46.991	ng	95
58) Fluorene	10.463	166	427193	43.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111225	46.378	ng	96
60) Diethylphthalate	10.333	149	435491	45.107	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	204005	42.851	ng	94
62) 4-Nitroaniline	10.480	138	97247	43.019	ng	89
63) Azobenzene	10.616	77	438886	46.219	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	70172	49.463	ng	95
66) n-Nitrosodiphenylamine	10.575	169	372679	47.422	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	123349	46.307	ng	97
68) Hexachlorobenzene	11.010	284	140221	44.853	ng	98
69) Atrazine	11.098	200	116299	62.161	ng	99
70) Pentachlorophenol	11.204	266	154740	82.490	ng	99
71) Phenanthrene	11.427	178	611869	47.181	ng	100
72) Anthracene	11.475	178	626602	49.418	ng	99
73) Carbazole	11.633	167	561414	46.262	ng	99
74) Di-n-butylphthalate	11.957	149	635519	47.010	ng	99
75) Fluoranthene	12.610	202	619367	44.722	ng	98
77) Benzidine	12.733	184	107290	55.553	ng	99
78) Pyrene	12.839	202	618617	53.447	ng	99
80) Butylbenzylphthalate	13.457	149	193877	49.211	ng	97
81) Benzo(a)anthracene	14.027	228	433155	48.510	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	98449	37.649	ng	98
83) Chrysene	14.063	228	394130	47.977	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	223975	44.689	ng	99
85) Di-n-octyl phthalate	14.627	149	341939	46.327	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	462802	54.742	ng	96
88) Benzo(b)fluoranthene	15.080	252	399158	45.521	ng	99
89) Benzo(k)fluoranthene	15.110	252	371434	45.942	ng	99
90) Benzo(a)pyrene	15.445	252	374496	51.497	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	374530	53.611	ng	97
92) Benzo(g,h,i)perylene	17.439	276	354471	51.246	ng	98

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

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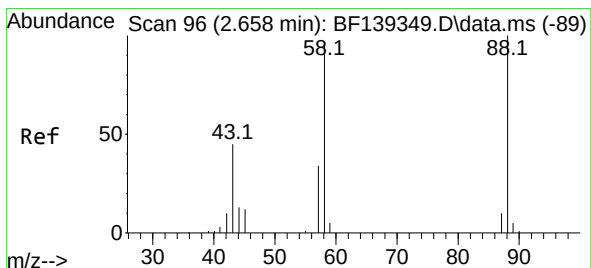
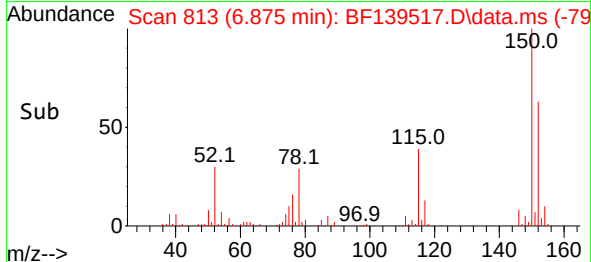
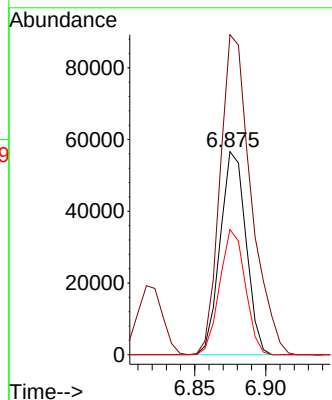
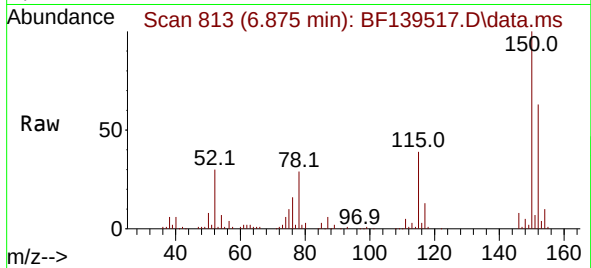




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29

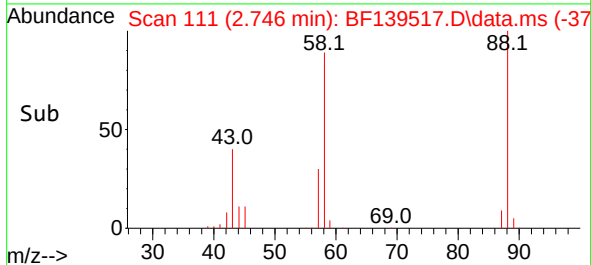
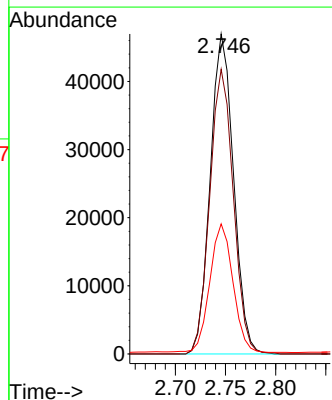
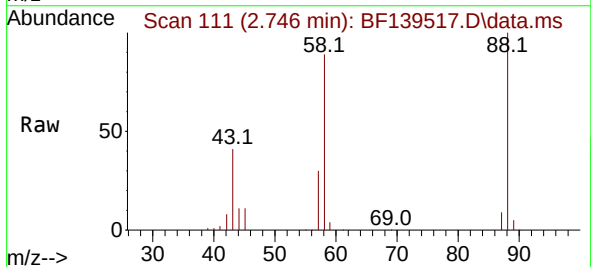
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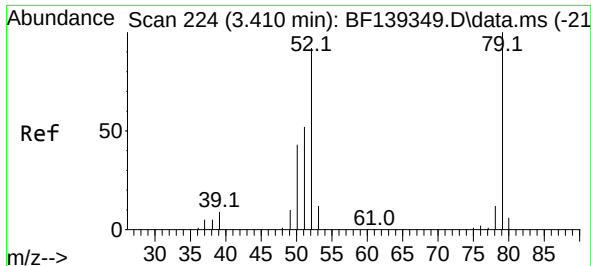
Tgt Ion:152 Resp: 71567
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.1 186.1
 115 61.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.207 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.088 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29

Tgt Ion: 88 Resp: 76047
 Ion Ratio Lower Upper
 88 100
 58 90.0 74.8 112.2
 43 40.3 36.4 54.6





#3

Pyridine

Concen: 50.012 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

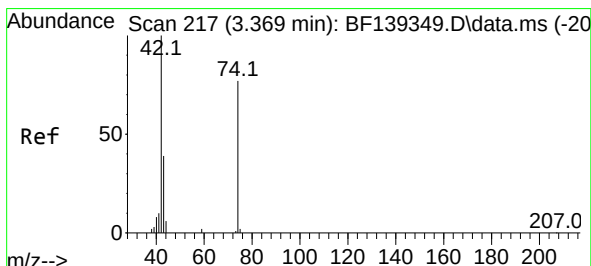
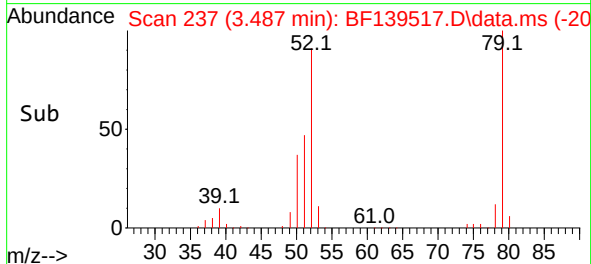
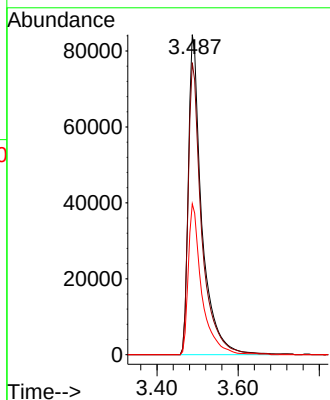
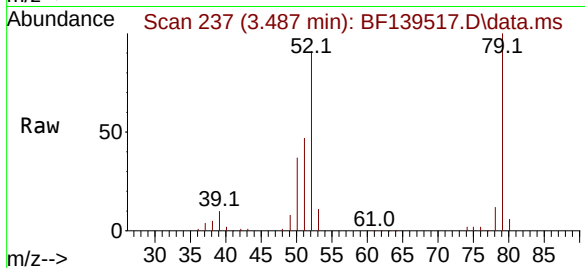
Tgt Ion: 79 Resp: 194076

Ion Ratio Lower Upper

79 100

52 91.2 73.8 110.8

51 47.1 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 41.608 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

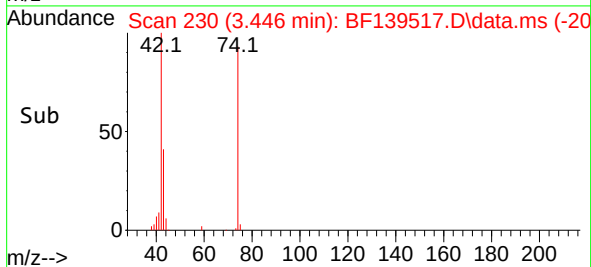
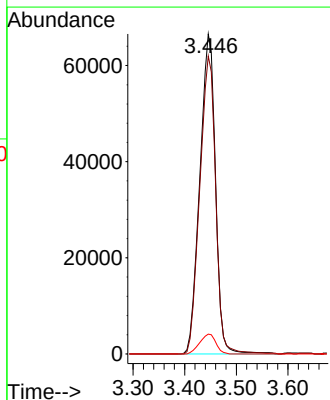
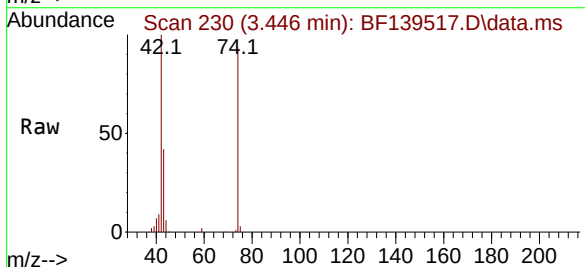
Tgt Ion: 42 Resp: 139948

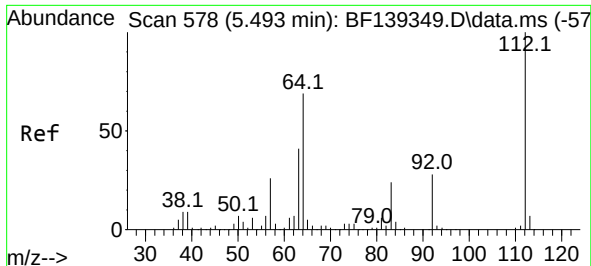
Ion Ratio Lower Upper

42 100

74 93.1 61.8 92.8#

44 6.2 4.8 7.2

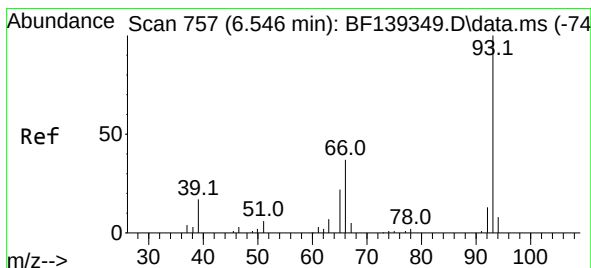
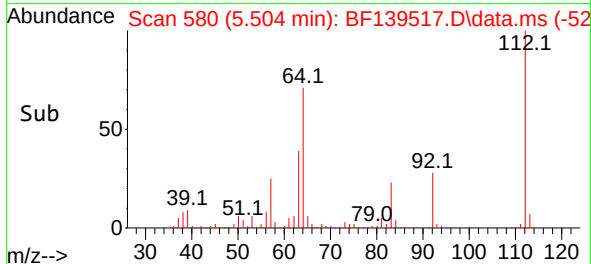
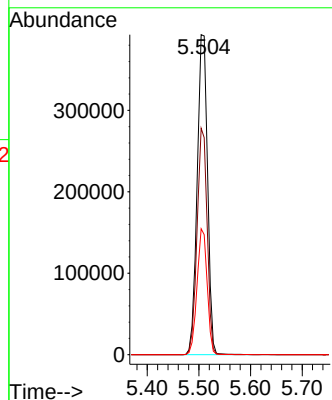
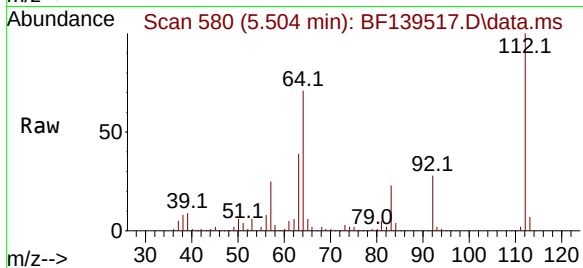




#5
2-Fluorophenol
Concen: 124.865 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

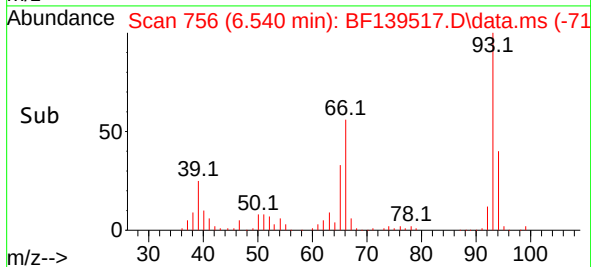
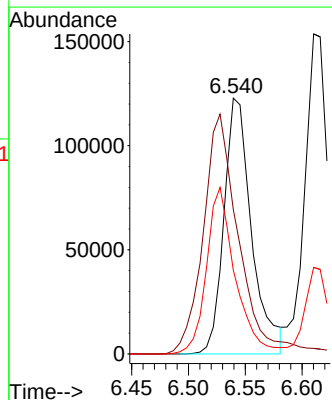
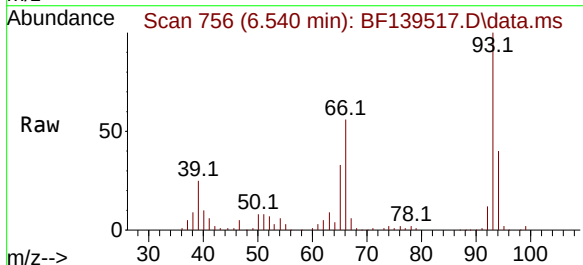
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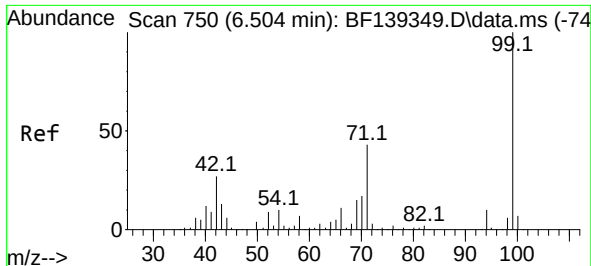
Tgt Ion:112 Resp: 547782
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 39.3 33.0 49.4



#6
Aniline
Concen: 47.794 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 93 Resp: 207689
Ion Ratio Lower Upper
93 100
66 56.4 35.4 53.0#
65 32.7 18.2 27.4#

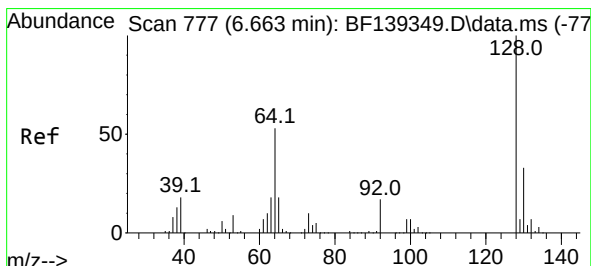
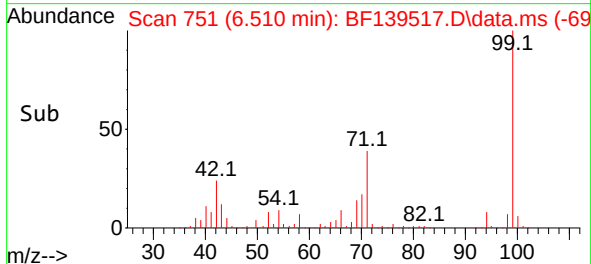
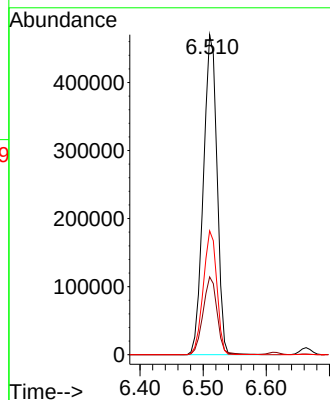
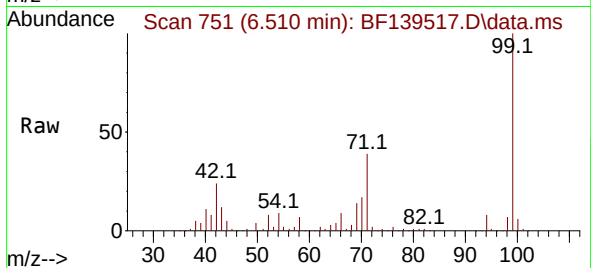




#7
Phenol-d6
Concen: 122.808 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

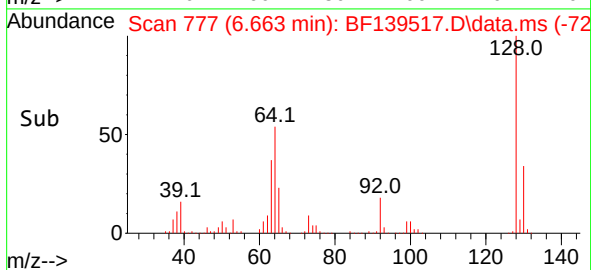
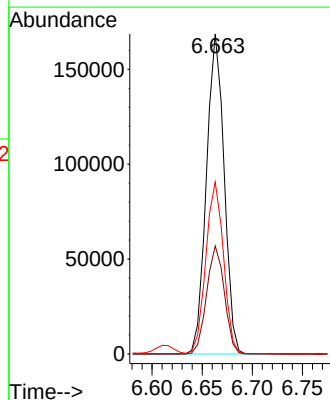
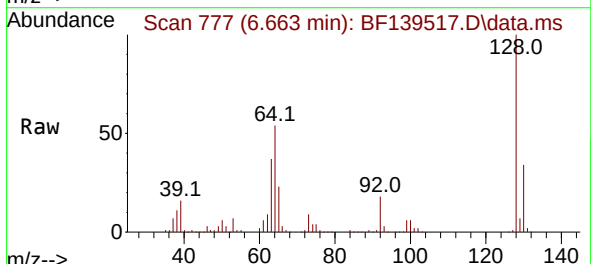
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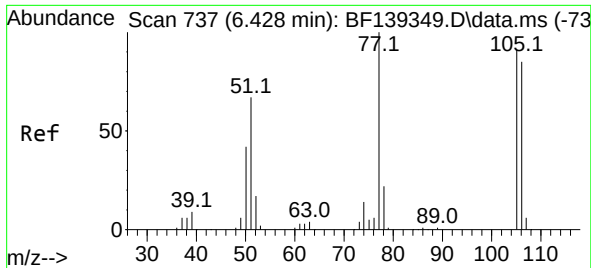
Tgt Ion: 99 Resp: 707155
Ion Ratio Lower Upper
99 100
42 24.3 21.9 32.9
71 38.7 34.6 52.0



#8
2-Chlorophenol
Concen: 45.997 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:128 Resp: 207717
Ion Ratio Lower Upper
128 100
130 33.7 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 10.438 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

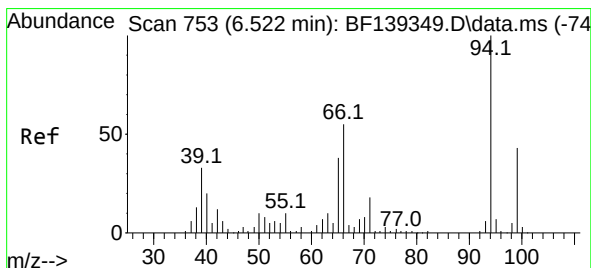
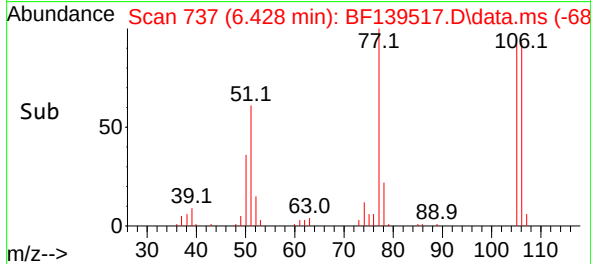
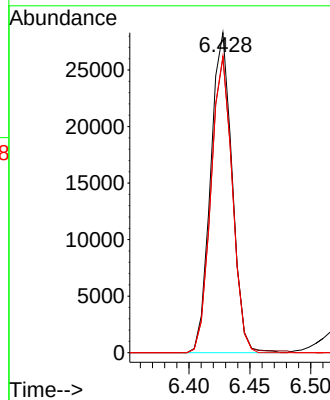
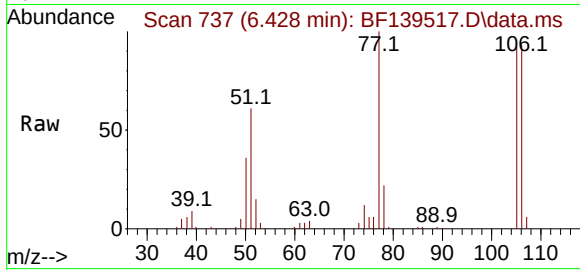
Tgt Ion: 77 Resp: 34726

Ion Ratio Lower Upper

77 100

105 92.1 71.0 111.0

106 92.7 64.9 104.9



#10

Phenol

Concen: 46.646 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

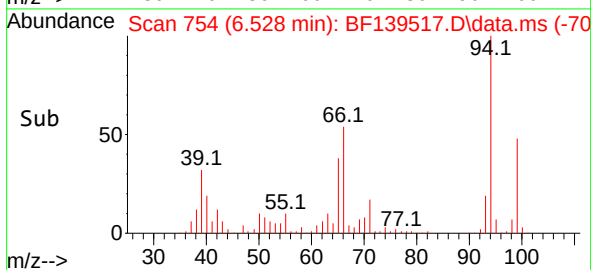
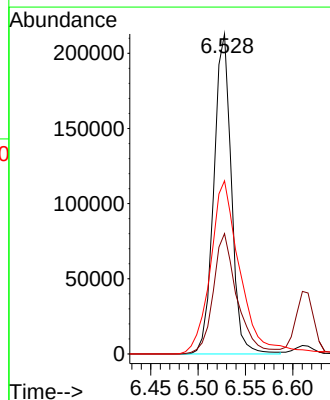
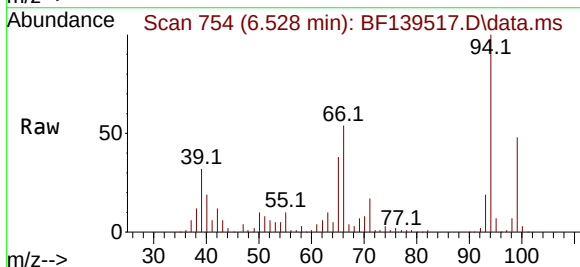
Tgt Ion: 94 Resp: 273562

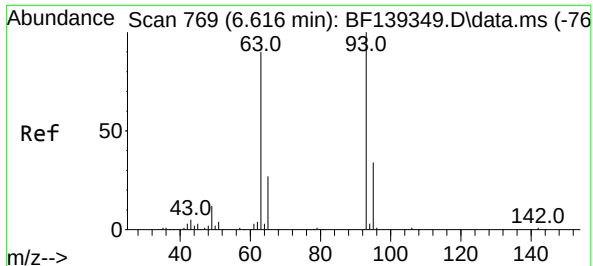
Ion Ratio Lower Upper

94 100

65 37.6 17.6 57.6

66 54.1 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 48.354 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

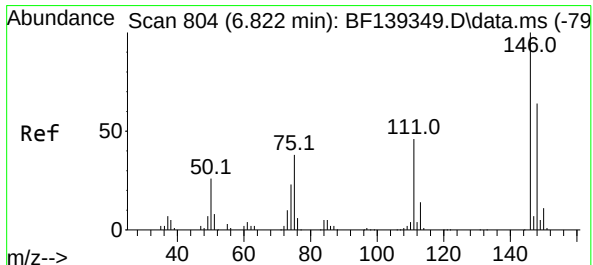
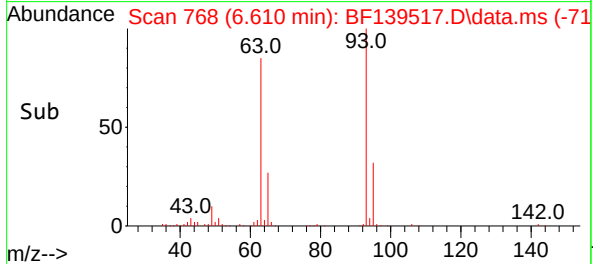
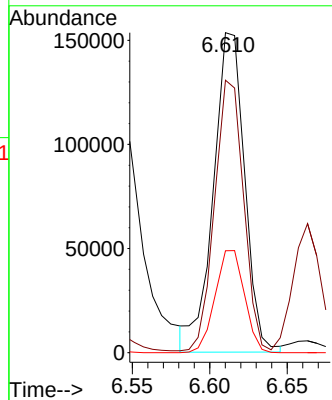
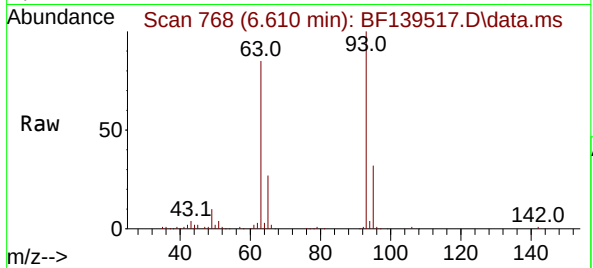
Tgt Ion: 93 Resp: 215535

Ion Ratio Lower Upper

93 100

63 85.2 65.3 105.3

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.726 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

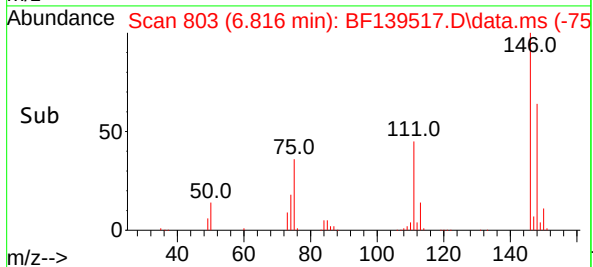
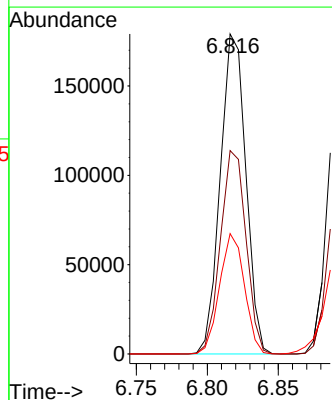
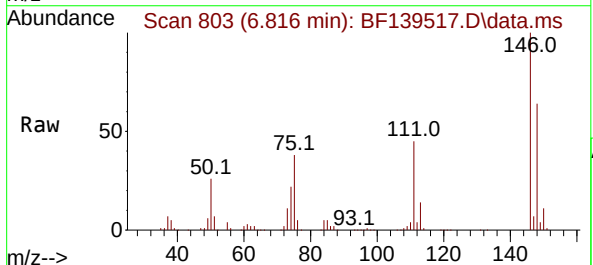
Tgt Ion: 146 Resp: 224565

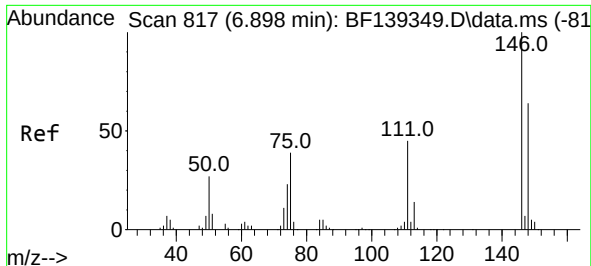
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 37.6 30.6 46.0

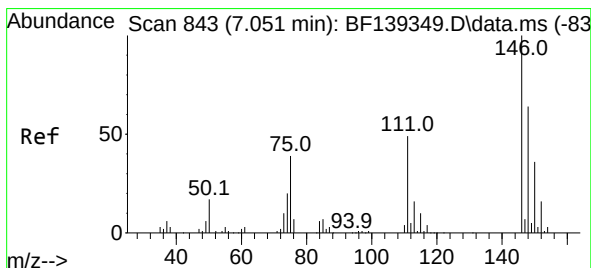
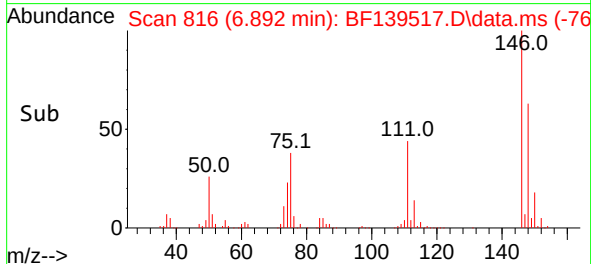
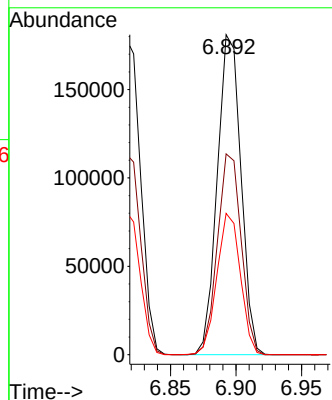
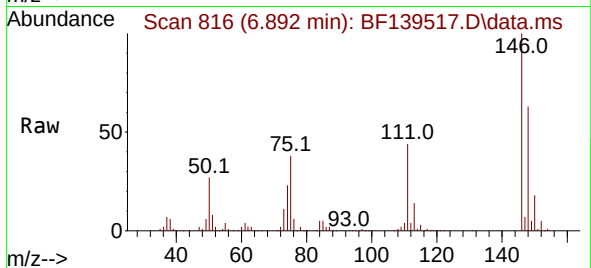




#13
1,4-Dichlorobenzene
Concen: 43.795 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

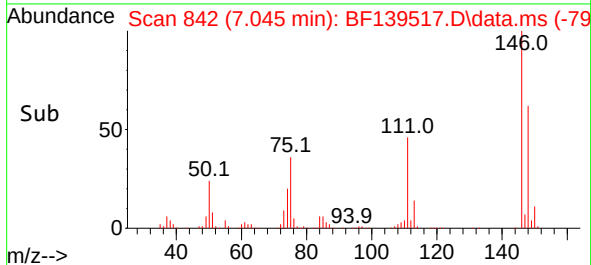
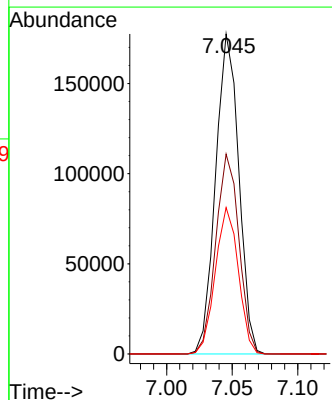
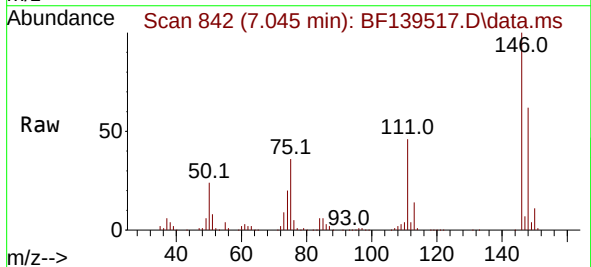
Instrument :
BNA_F
ClientSampleId :
PB163555BS

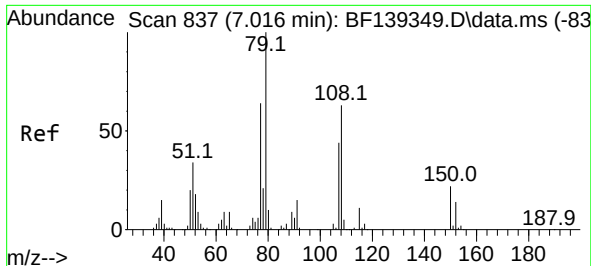
Tgt Ion:146 Resp: 227290
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 44.2 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 44.512 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:146 Resp: 218287
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 45.7 38.9 58.3

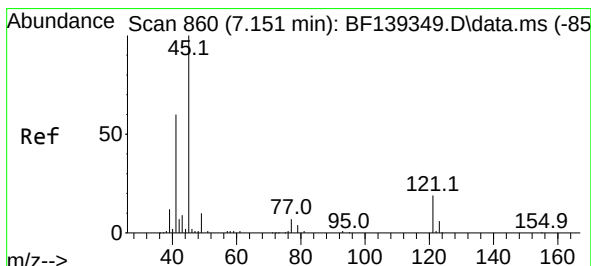
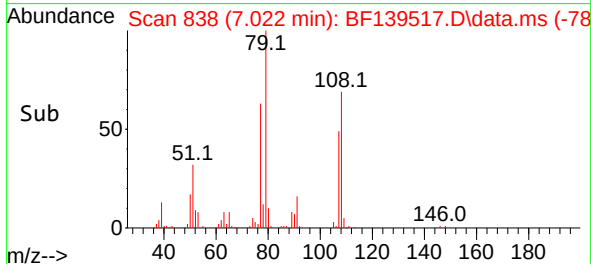
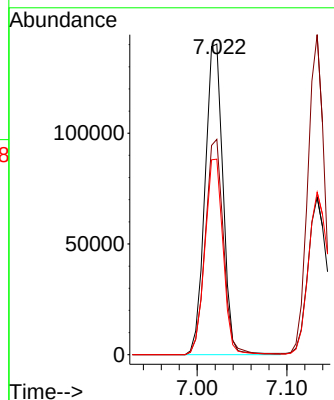
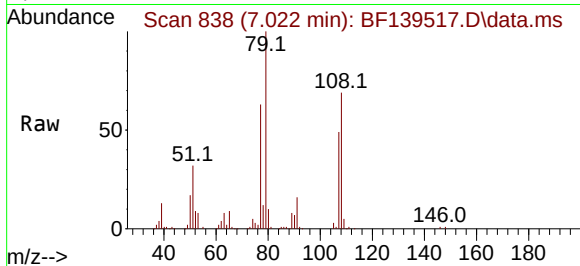




#15
Benzyl Alcohol
Concen: 42.508 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

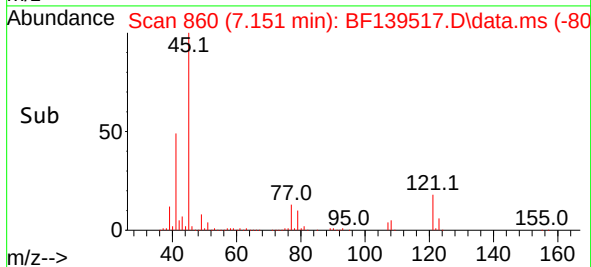
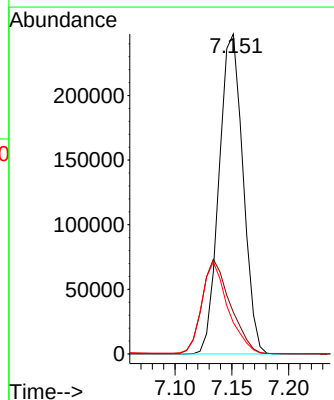
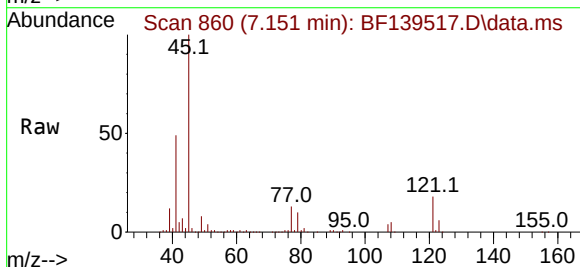
Instrument :
BNA_F
ClientSampleId :
PB163555BS

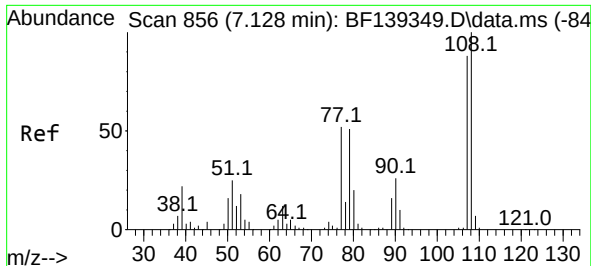
Tgt Ion: 79 Resp: 195284
Ion Ratio Lower Upper
79 100
108 69.4 50.4 75.6
77 63.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.763 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 45 Resp: 362460
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 9.8 0.0 29.1

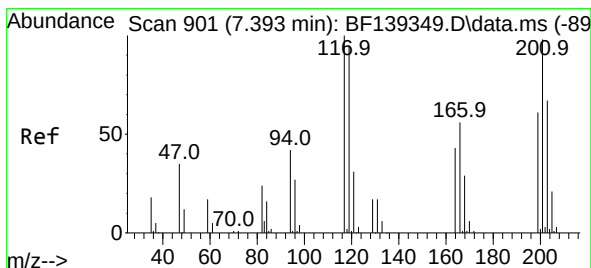
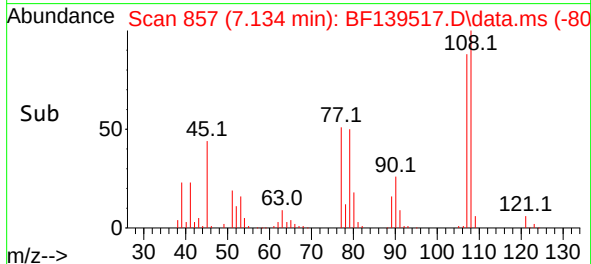
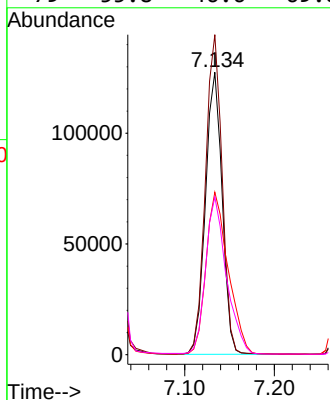
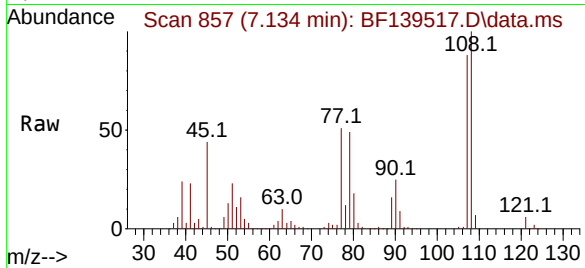




#17
2-Methylphenol
Concen: 45.870 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

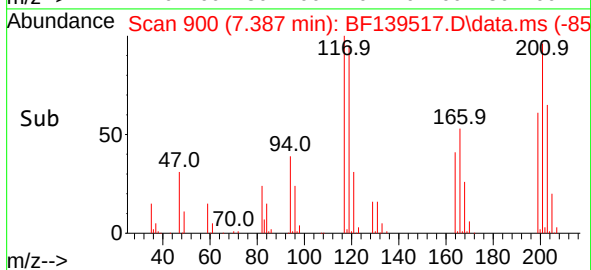
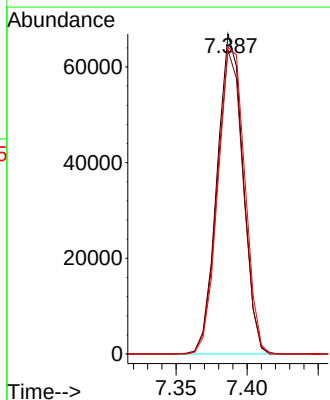
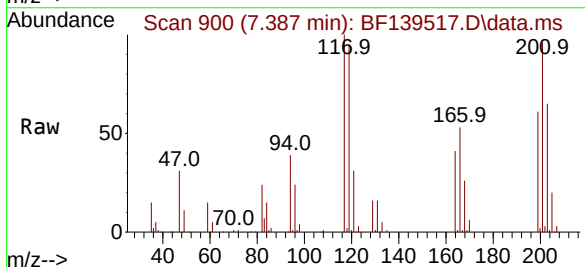
Instrument :
BNA_F
ClientSampleId :
PB163555BS

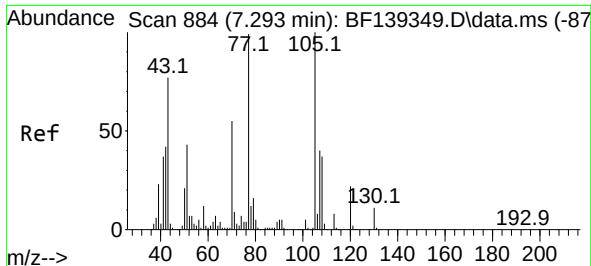
Tgt Ion:	107	Resp:	164577
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	57.5	47.1	70.7
79	55.8	46.6	69.8



#18
Hexachloroethane
Concen: 42.908 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:	117	Resp:	84819
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.8
201	95.9	78.6	118.0

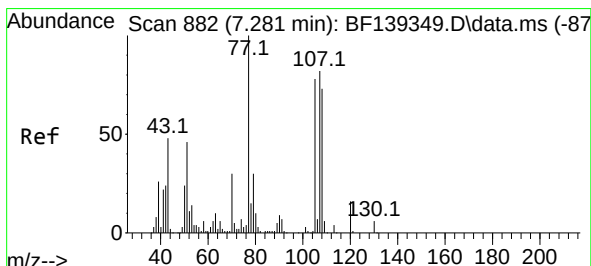
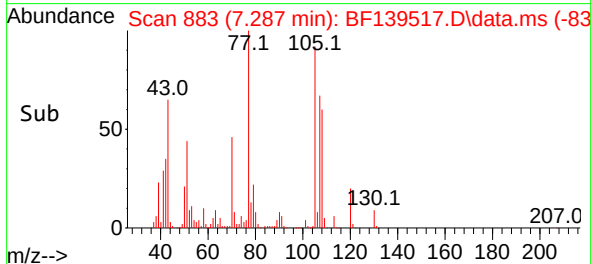
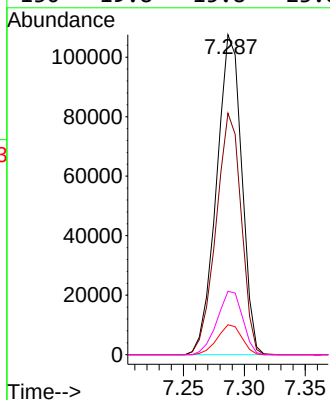
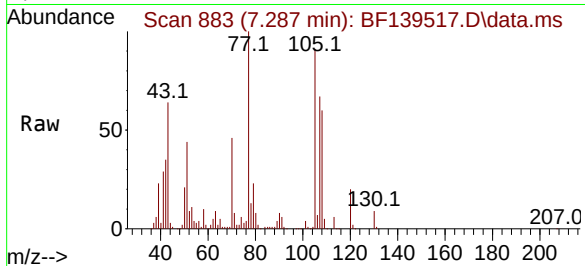




#19
n-Nitroso-di-n-propylamine
Concen: 45.433 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

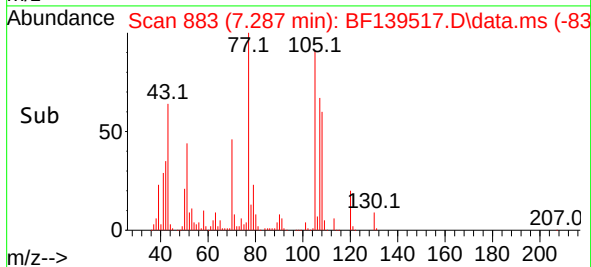
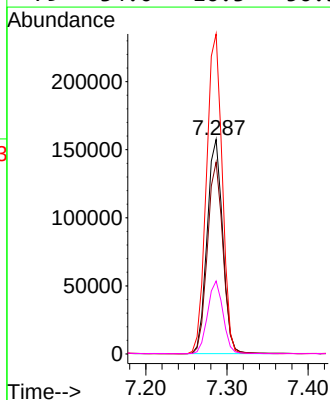
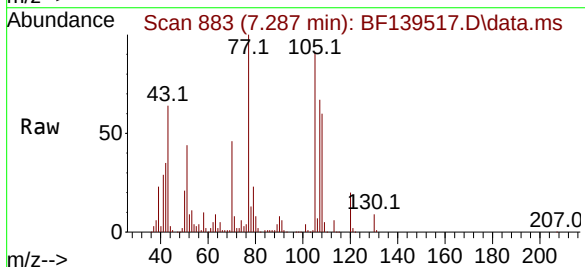
Instrument :
BNA_F
ClientSampleId :
PB163555BS

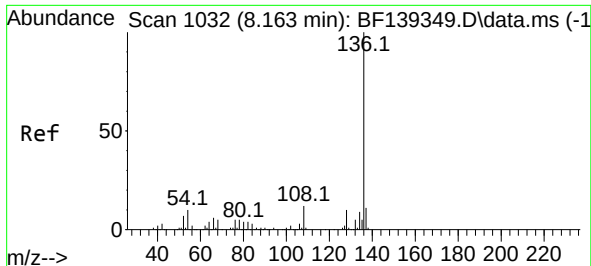
Tgt Ion:	70	Resp:	155028
Ion	Ratio	Lower	Upper
70	100		
42	75.5	61.2	91.8
101	9.3	7.5	11.3
130	19.8	15.8	23.8



#20
3+4-Methylphenols
Concen: 42.976 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:	107	Resp:	210368
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.6	108.6
77	149.1	101.6	141.6#
79	34.0	16.3	56.3

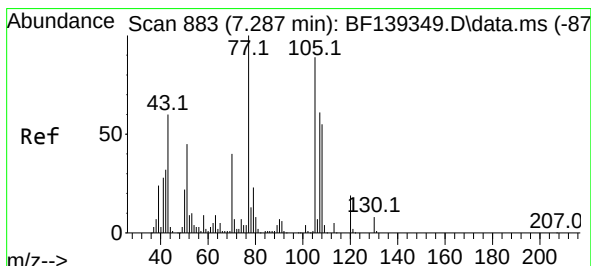
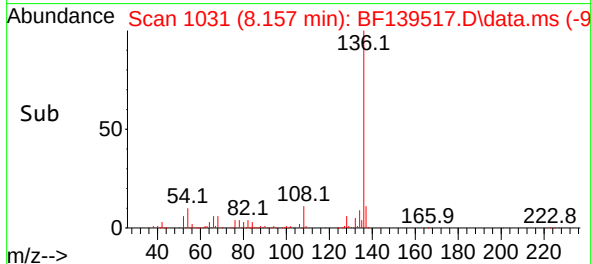
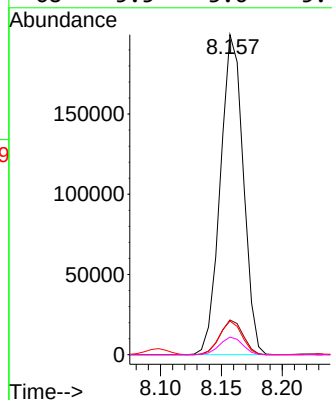
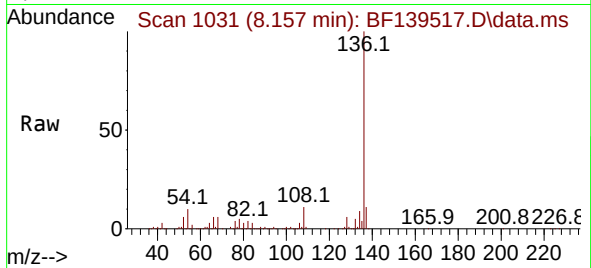




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

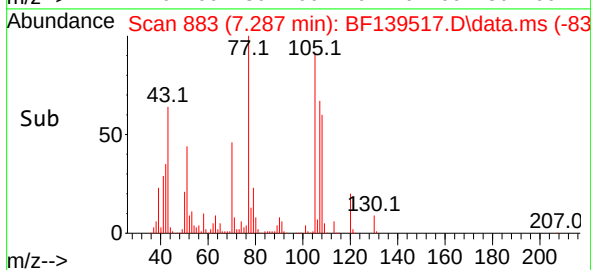
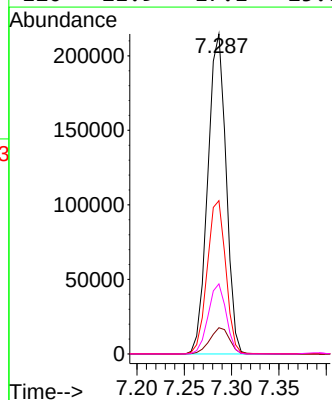
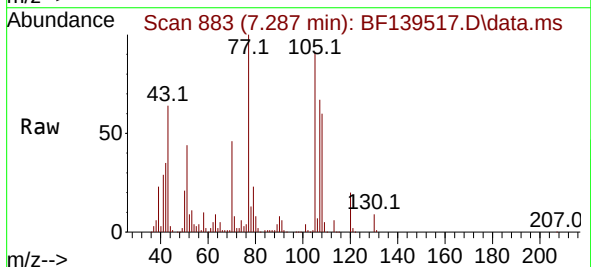
Instrument :
BNA_F
ClientSampleId :
PB163555BS

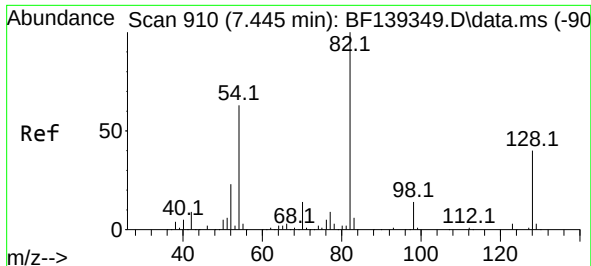
Tgt Ion:136 Resp: 261697
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 7.8 11.8
68 5.5 3.6 5.4#



#22
Acetophenone
Concen: 42.281 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:105 Resp: 289270
Ion Ratio Lower Upper
105 100
71 8.2 5.9 8.9
51 47.9 40.0 60.0
120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 84.488 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

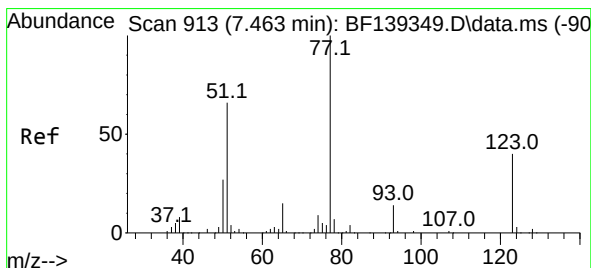
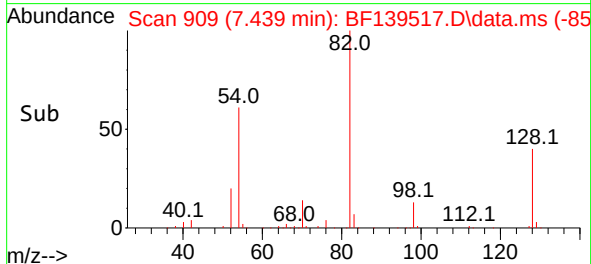
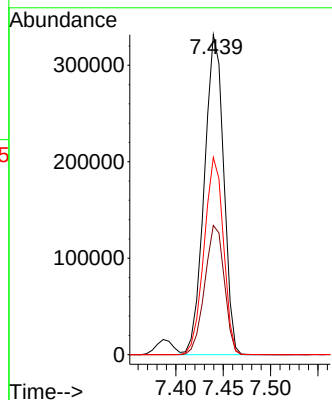
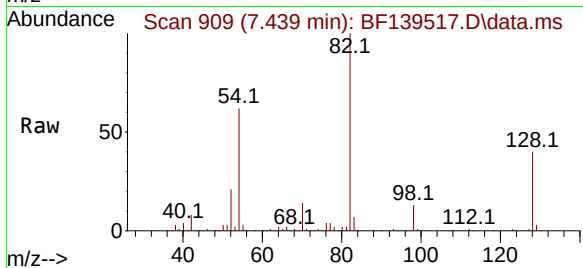
Tgt Ion: 82 Resp: 470318

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

54 61.6 50.6 75.8



#24

Nitrobenzene

Concen: 42.502 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

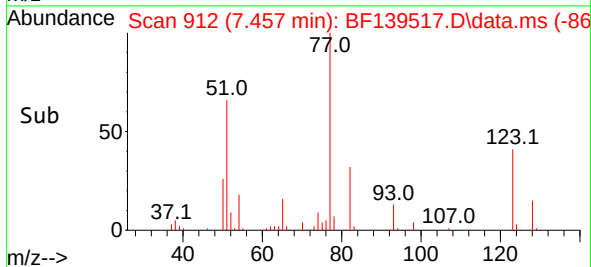
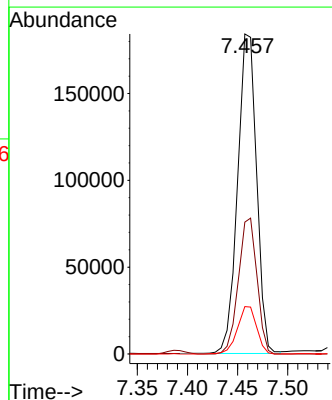
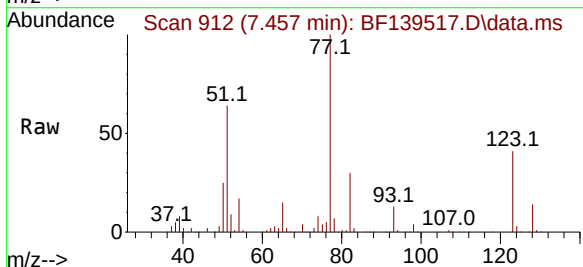
Tgt Ion: 77 Resp: 243505

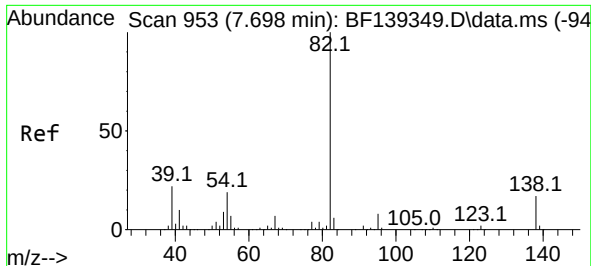
Ion Ratio Lower Upper

77 100

123 41.2 32.2 48.4

65 14.8 12.2 18.4

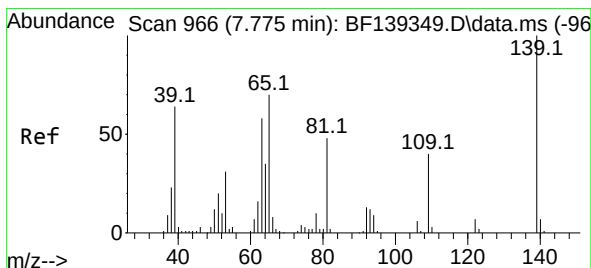
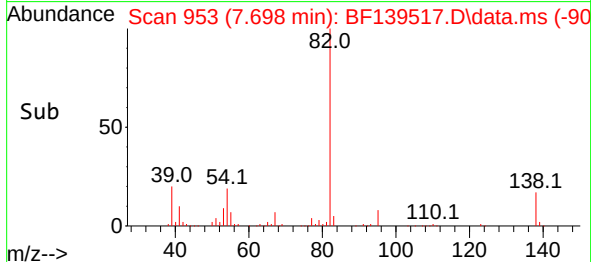
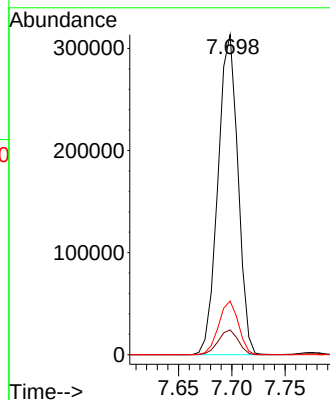
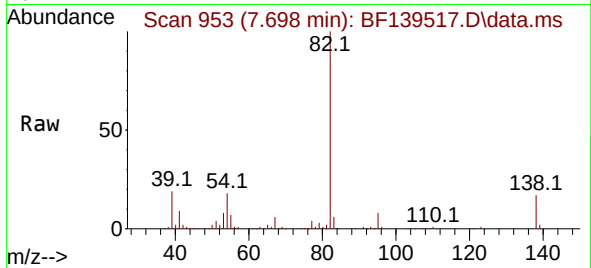




#25
Isophorone
Concen: 46.452 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

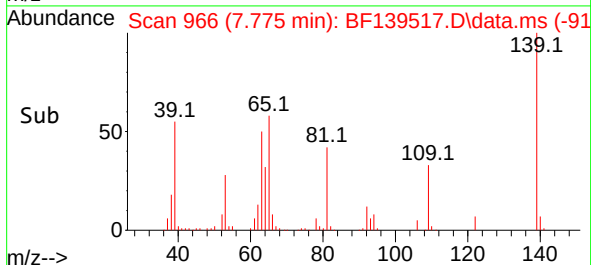
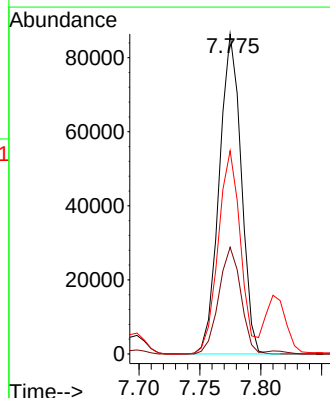
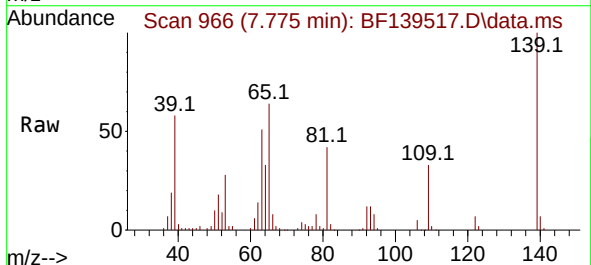
Instrument :
BNA_F
ClientSampleId :
PB163555BS

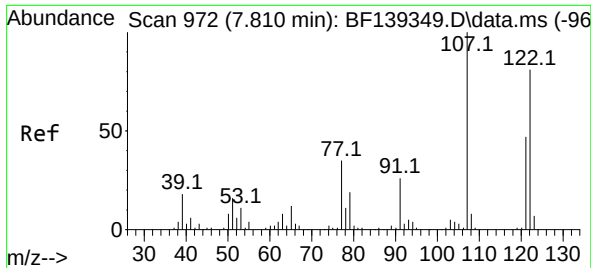
Tgt Ion: 82 Resp: 408952
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.8 13.3 19.9



#26
2-Nitrophenol
Concen: 48.487 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:139 Resp: 108227
Ion Ratio Lower Upper
139 100
109 33.4 32.2 48.2
65 63.5 55.8 83.8

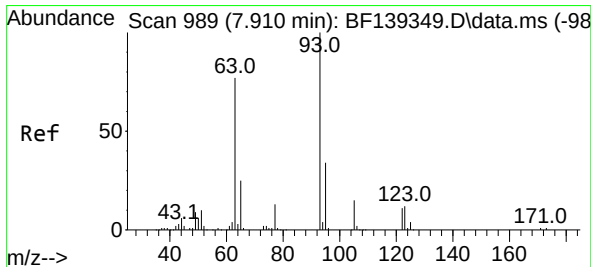
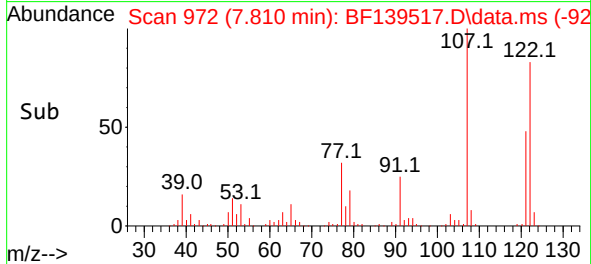
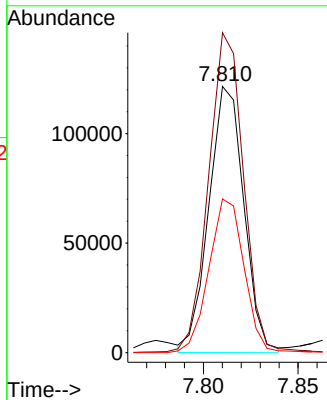
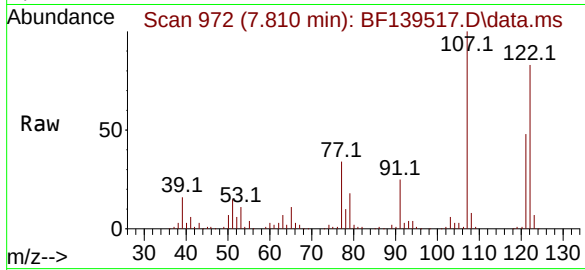




#27
2,4-Dimethylphenol
Concen: 52.891 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

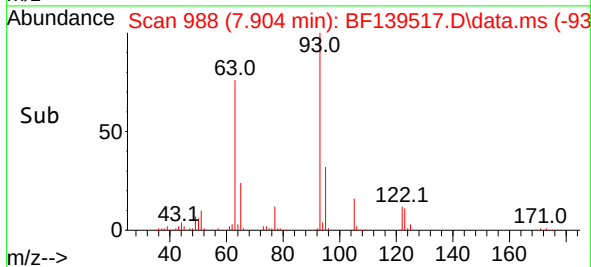
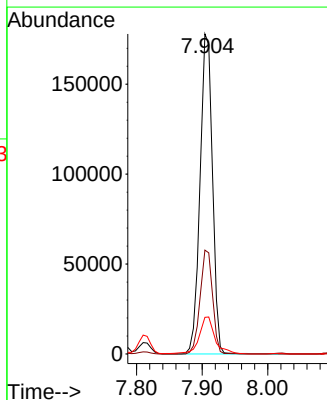
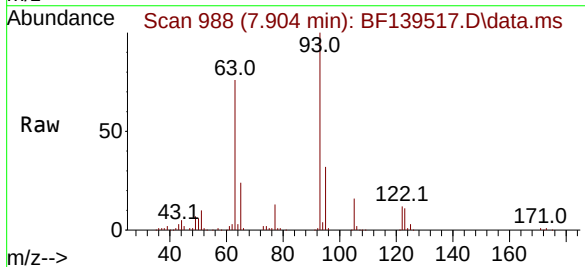
Instrument :
BNA_F
ClientSampleId :
PB163555BS

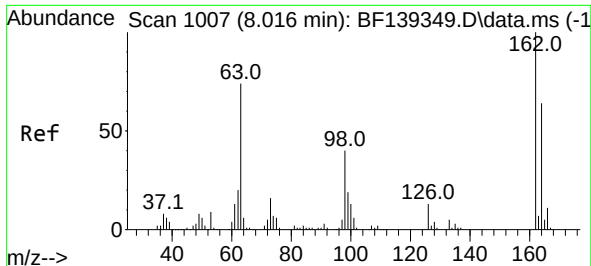
Tgt Ion:122 Resp: 155728
Ion Ratio Lower Upper
122 100
107 120.2 99.1 148.7
121 57.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.980 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 93 Resp: 235722
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.408 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

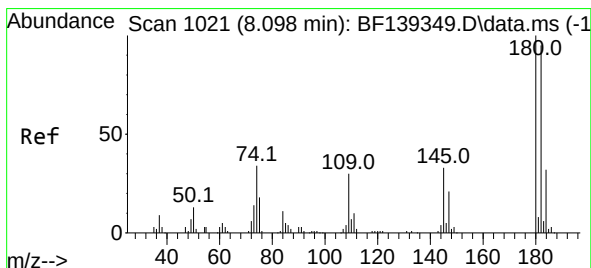
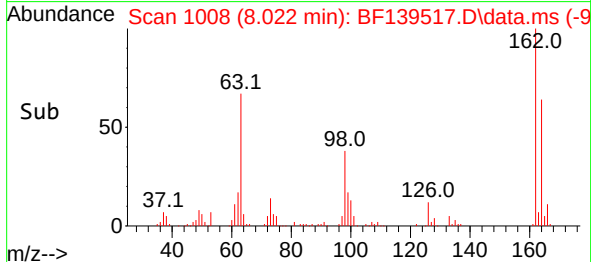
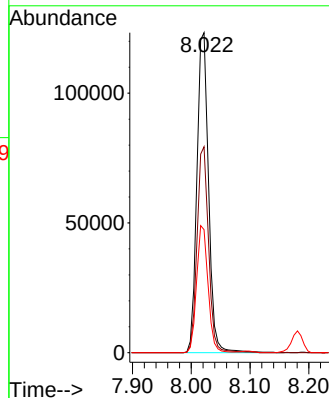
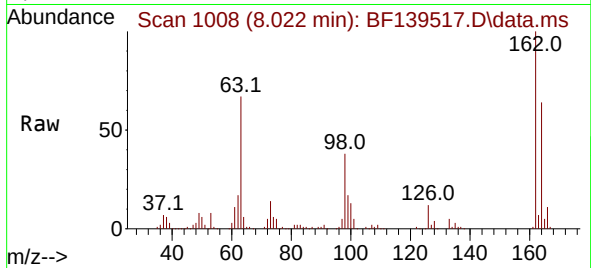
Tgt Ion:162 Resp: 169845

Ion Ratio Lower Upper

162 100

164 64.4 43.6 83.6

98 38.5 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.561 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

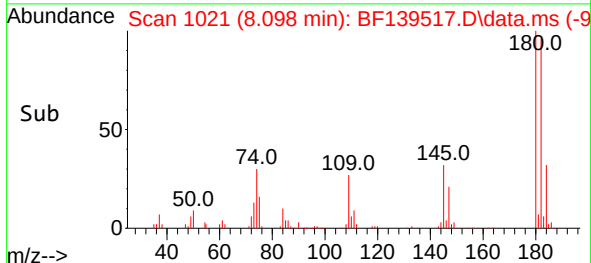
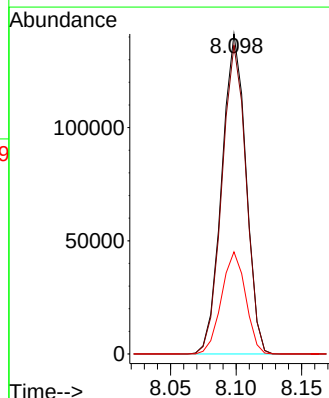
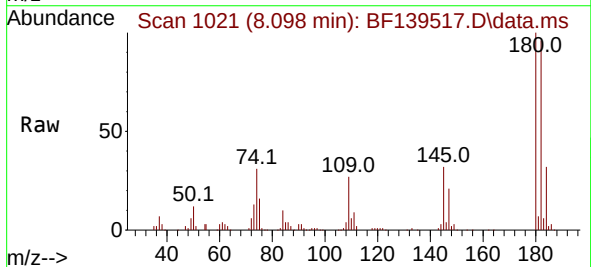
Tgt Ion:180 Resp: 181134

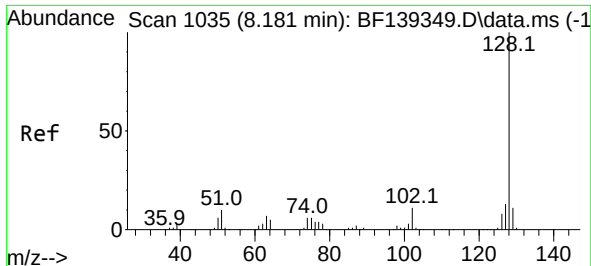
Ion Ratio Lower Upper

180 100

182 96.5 75.7 113.5

145 31.9 26.5 39.7

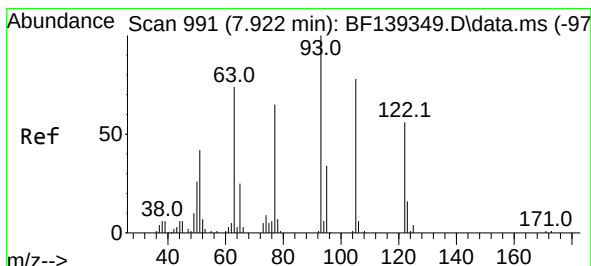
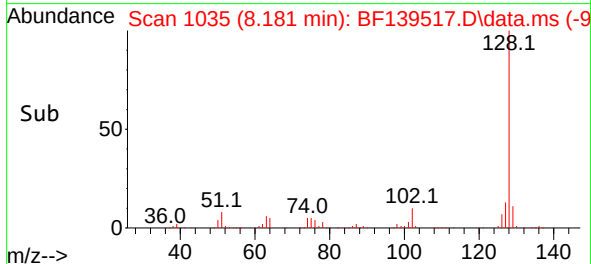
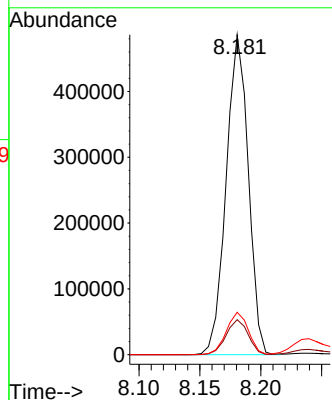
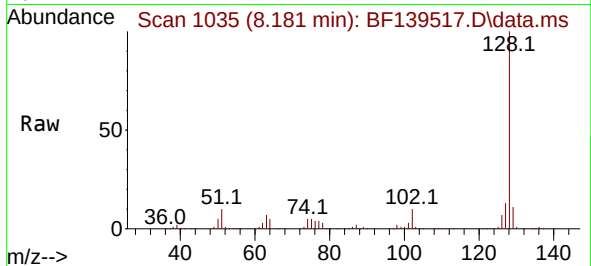




#31
Naphthalene
Concen: 44.981 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

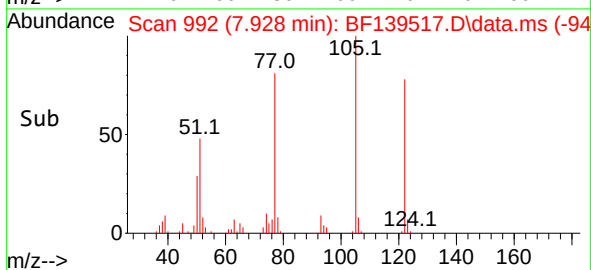
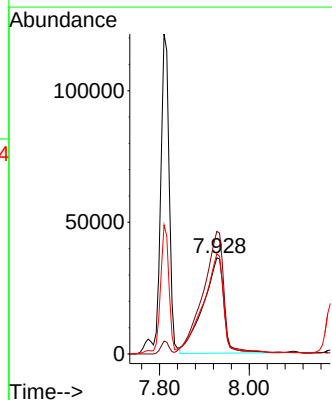
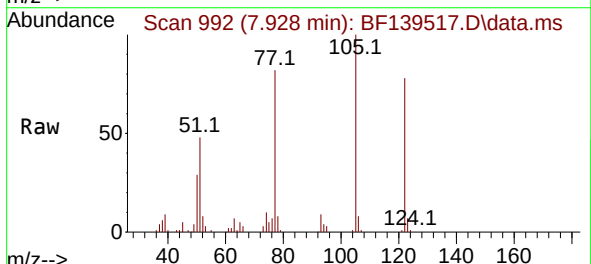
Instrument :
BNA_F
ClientSampleId :
PB163555BS

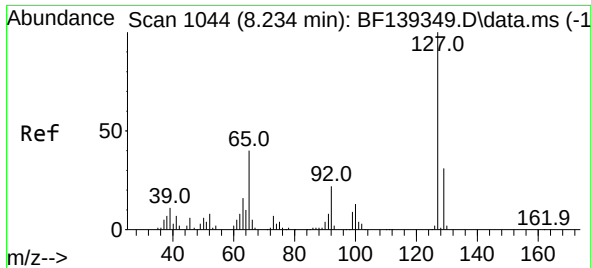
Tgt Ion:128 Resp: 614537
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 42.191 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:122 Resp: 116252
Ion Ratio Lower Upper
122 100
105 127.5 117.1 157.1
77 104.0 95.4 135.4

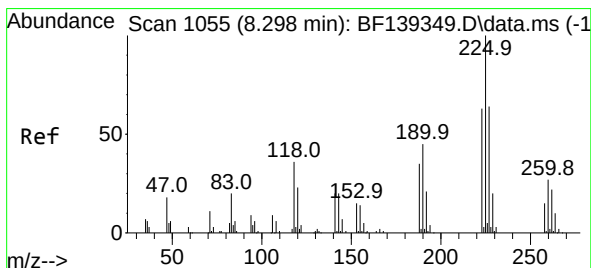
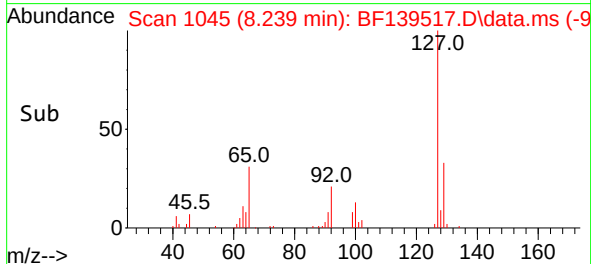
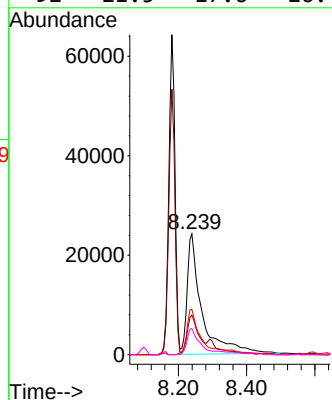
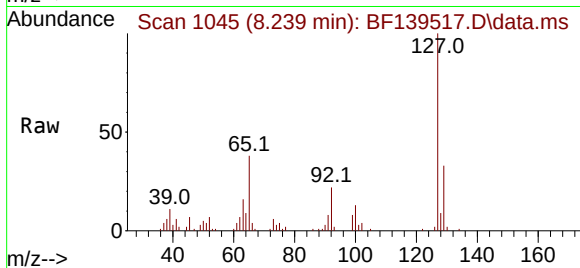




#33
4-Chloroaniline
Concen: 17.478 ng
RT: 8.239 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

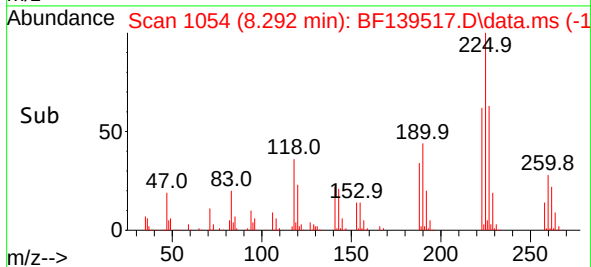
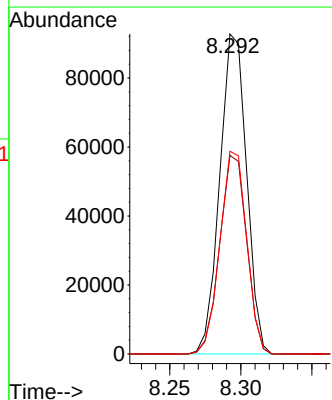
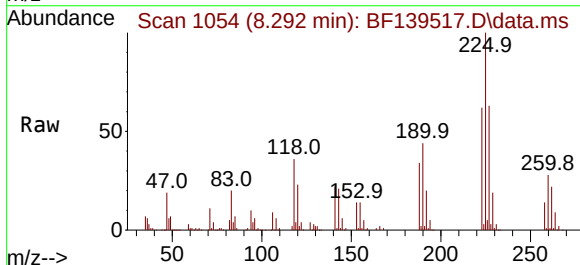
Instrument :
BNA_F
ClientSampleId :
PB163555BS

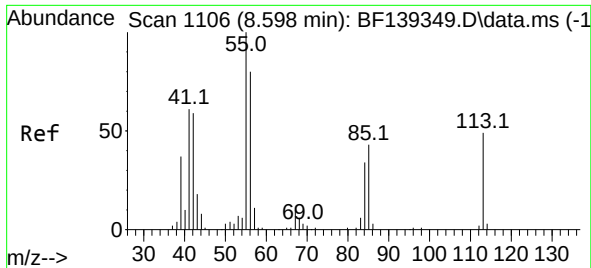
Tgt Ion:	127	Resp:	73050
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.5	38.3
65	37.5	31.5	47.3
92	21.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:	225	Resp:	121733
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.1	75.1
227	63.3	51.0	76.6

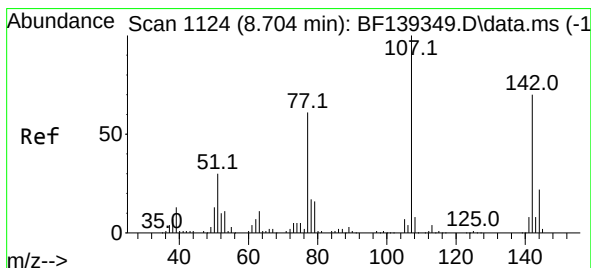
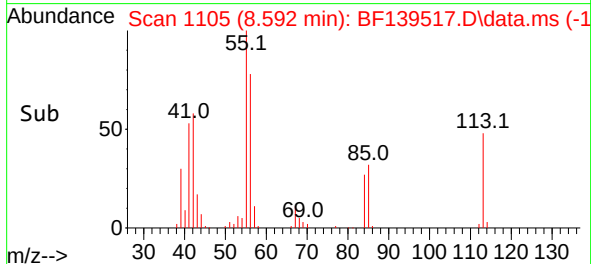
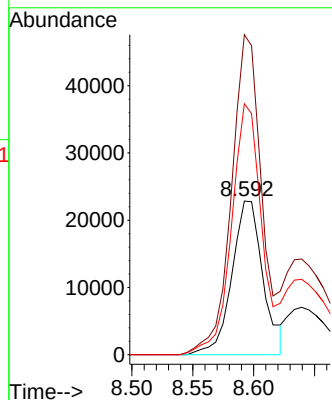
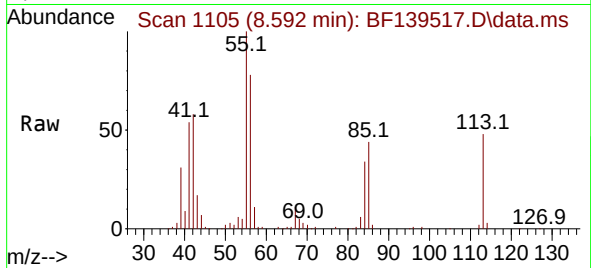




#35
 Caprolactam
 Concen: 35.267 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29

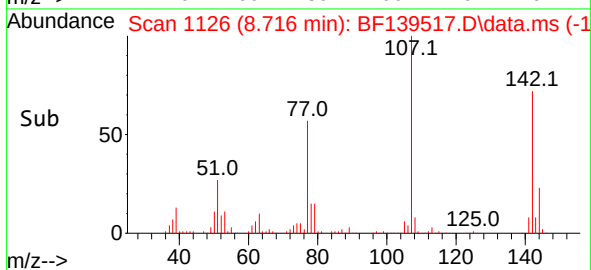
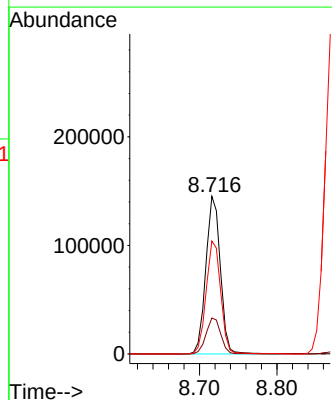
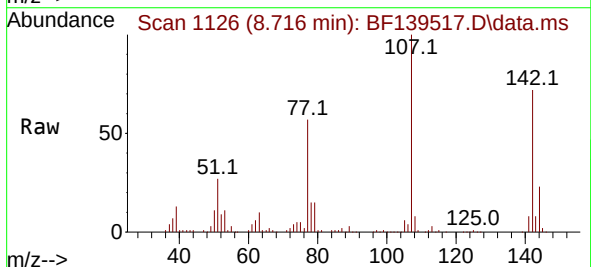
Instrument :
 BNA_F
 ClientSampleId :
 PB163555BS

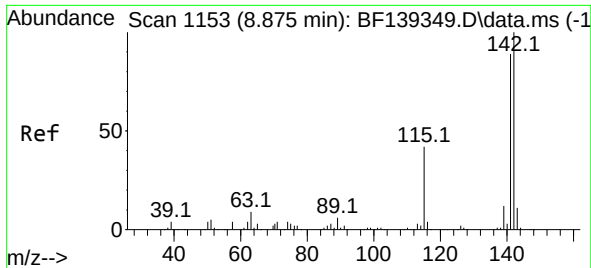
Tgt Ion:113 Resp: 40578
 Ion Ratio Lower Upper
 113 100
 55 208.2 186.1 226.1
 56 163.2 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.198 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29

Tgt Ion:107 Resp: 188938
 Ion Ratio Lower Upper
 107 100
 144 22.9 17.5 26.3
 142 71.6 55.8 83.8





#37

2-Methylnaphthalene

Concen: 45.144 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

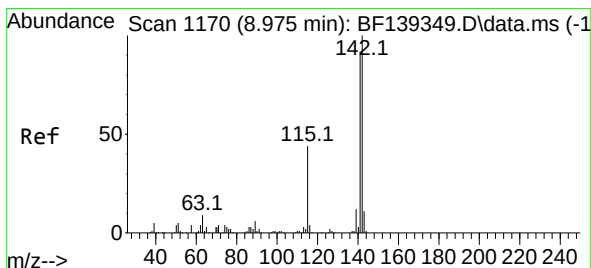
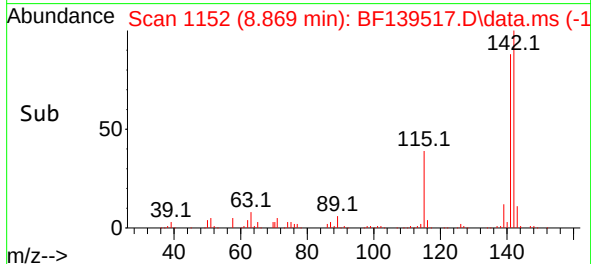
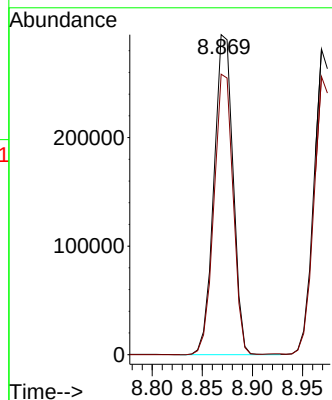
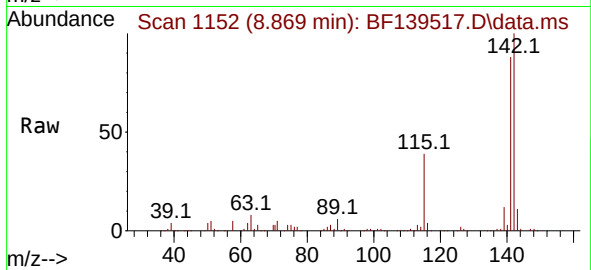
PB163555BS

Tgt Ion:142 Resp: 391477

Ion Ratio Lower Upper

142 100

141 87.6 71.6 107.4



#38

1-Methylnaphthalene

Concen: 42.618 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139517.D

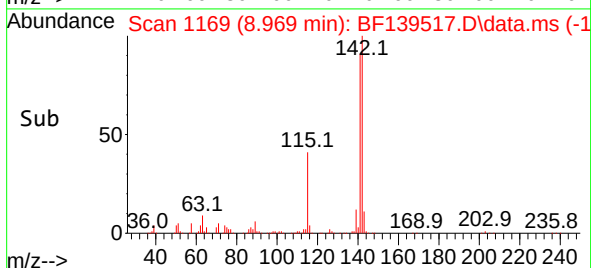
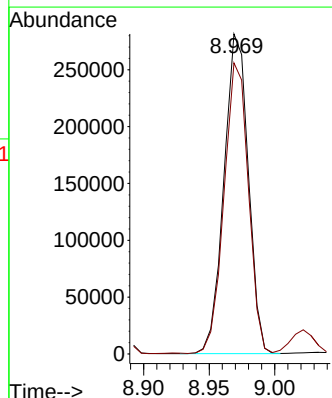
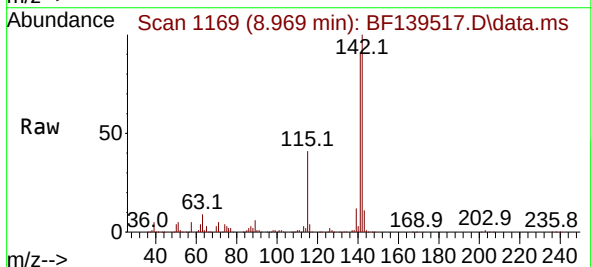
Acq: 24 Sep 2024 13:29

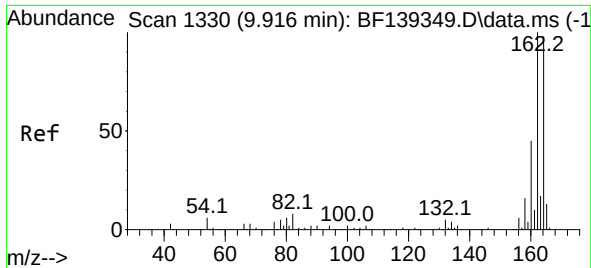
Tgt Ion:142 Resp: 362832

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# 1181

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

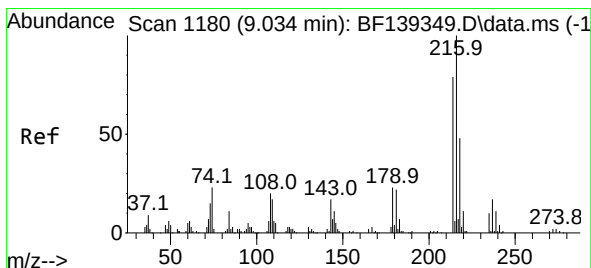
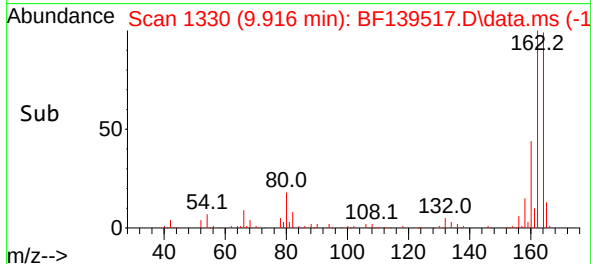
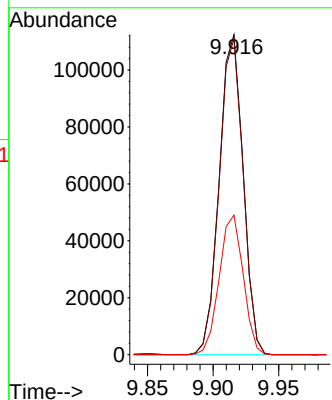
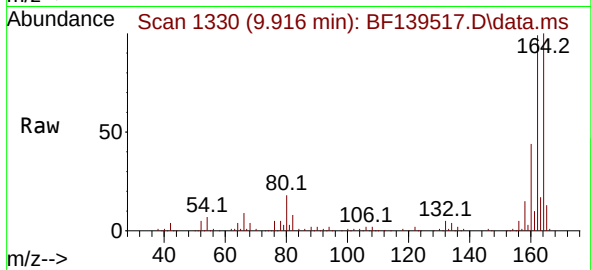
Tgt Ion:164 Resp: 142541

Ion Ratio Lower Upper

164 100

162 98.7 81.3 121.9

160 43.6 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.961 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:216 Resp: 185711

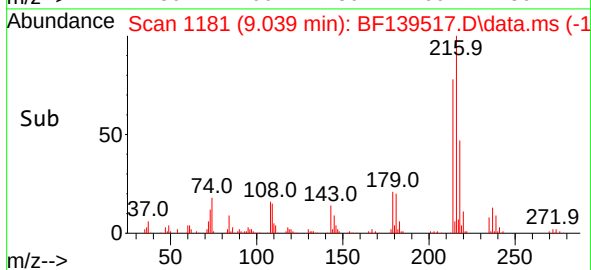
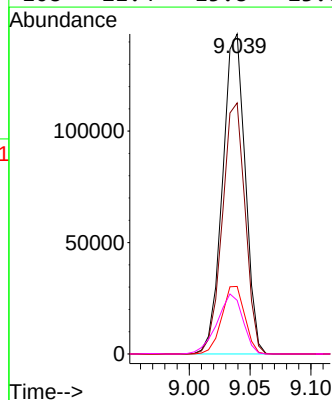
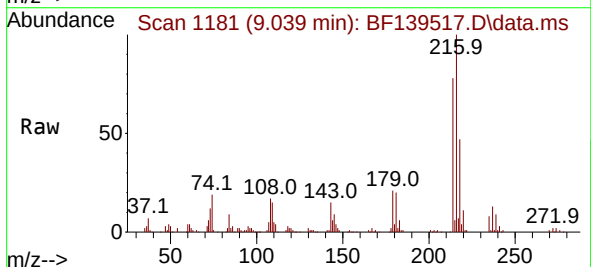
Ion Ratio Lower Upper

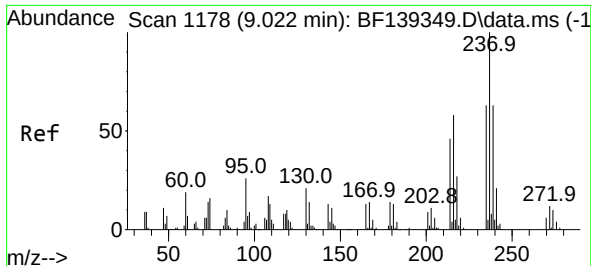
216 100

214 79.0 63.4 95.0

179 21.4 18.2 27.2

108 21.4 15.8 23.6

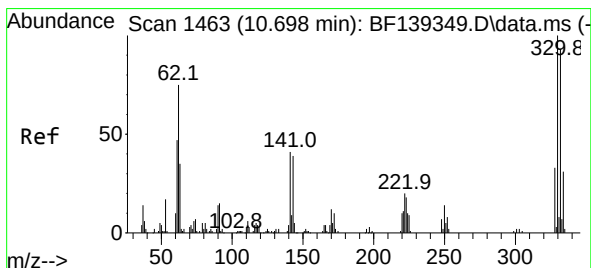
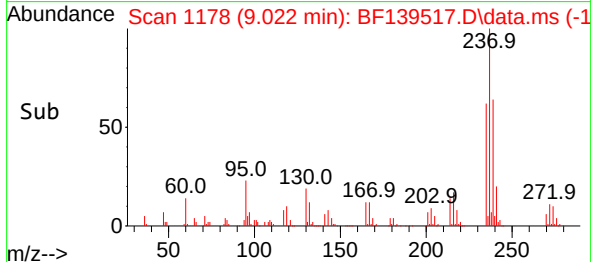
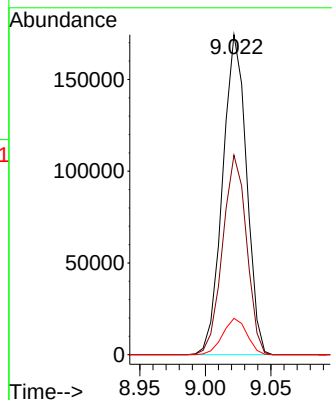
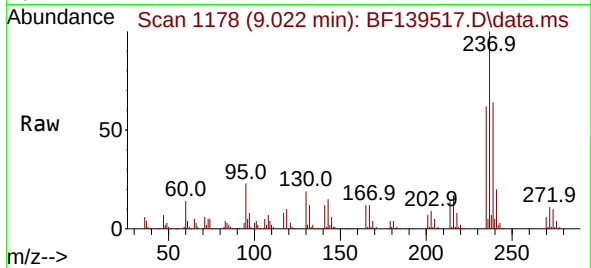




#41
Hexachlorocyclopentadiene
Concen: 149.588 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

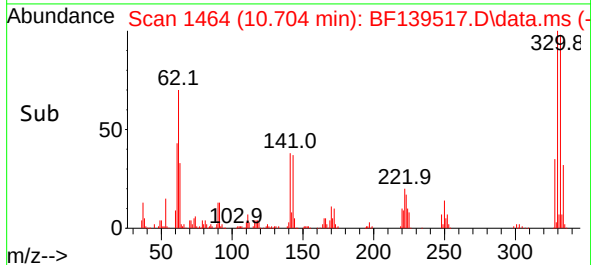
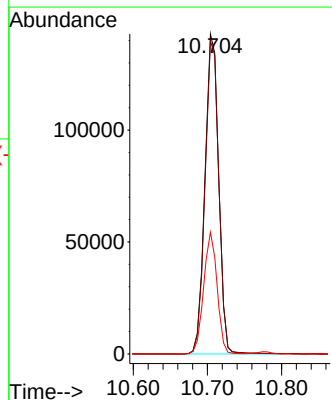
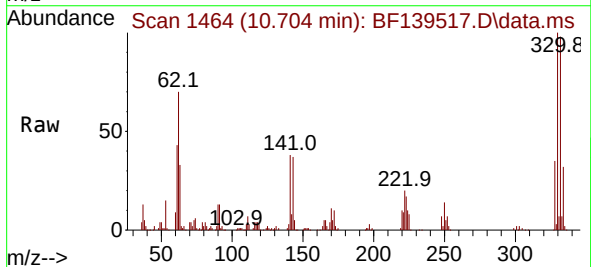
Instrument :
BNA_F
ClientSampleId :
PB163555BS

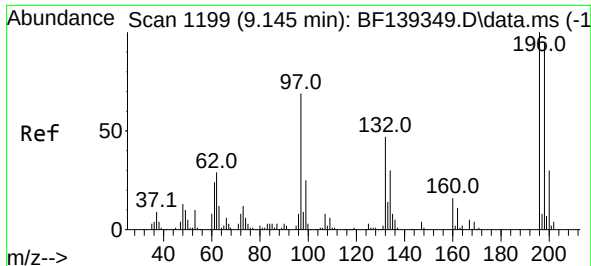
Tgt Ion:237 Resp: 220644
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 11.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 121.261 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:330 Resp: 184016
Ion Ratio Lower Upper
330 100
332 98.2 75.2 112.8
141 37.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 45.126 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

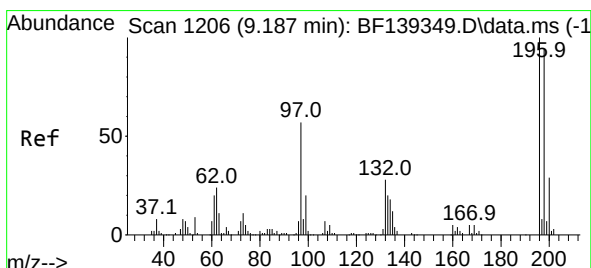
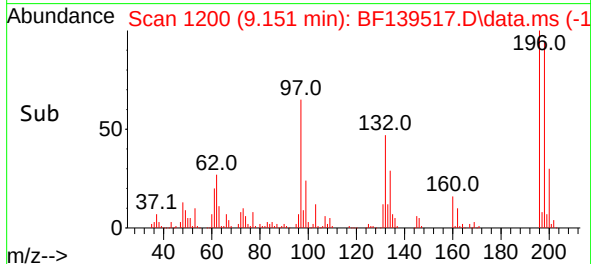
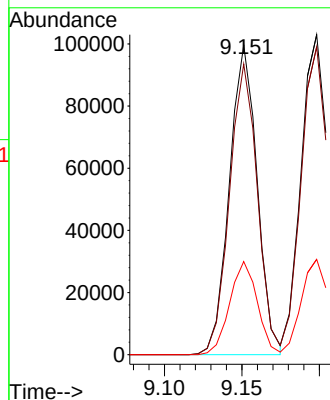
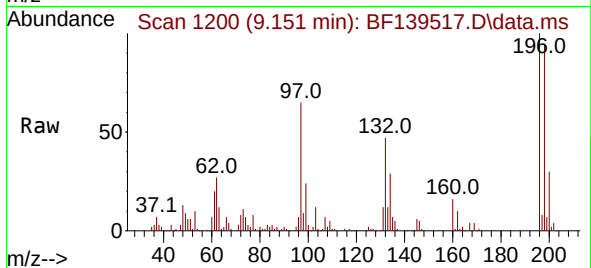
Tgt Ion:196 Resp: 124026

Ion Ratio Lower Upper

196 100

198 93.8 75.8 113.6

200 30.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.979 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:196 Resp: 130401

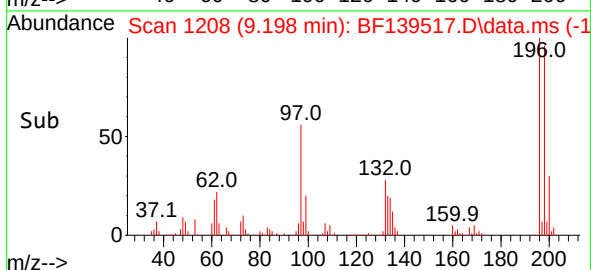
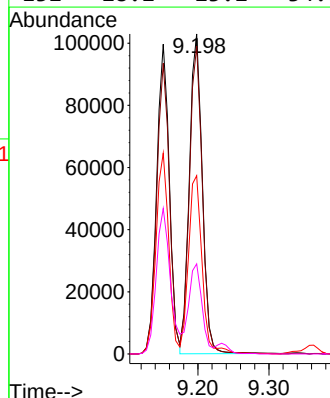
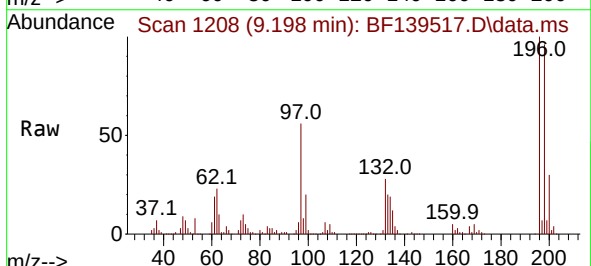
Ion Ratio Lower Upper

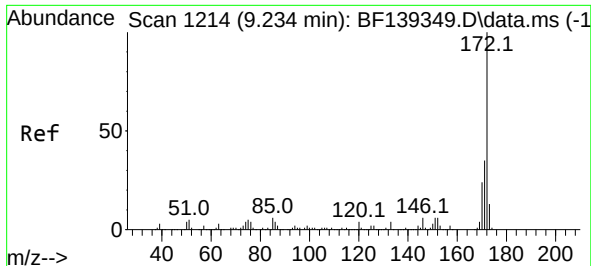
196 100

198 96.2 74.8 112.2

97 55.7 47.3 70.9

132 28.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 83.367 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

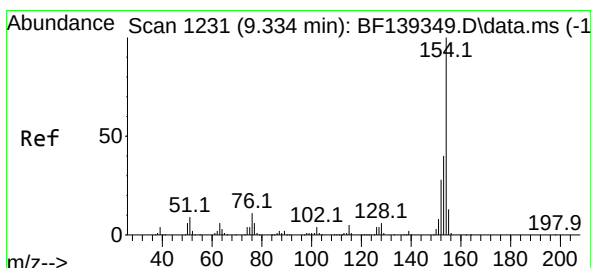
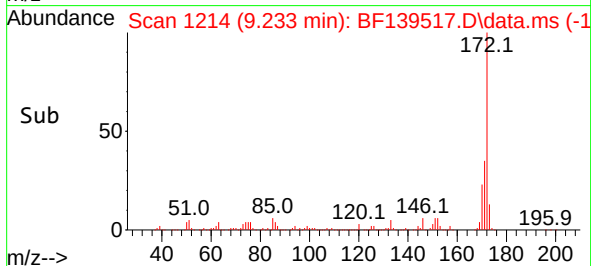
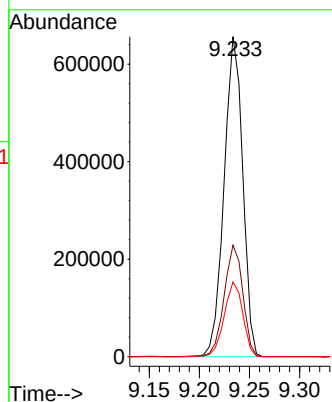
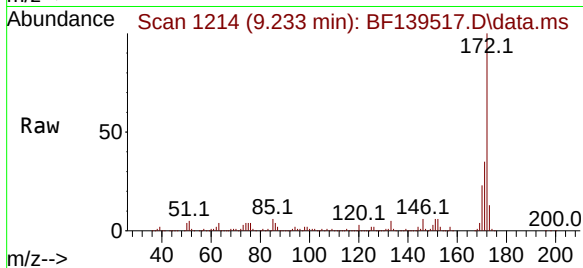
Tgt Ion:172 Resp: 847277

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.993 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

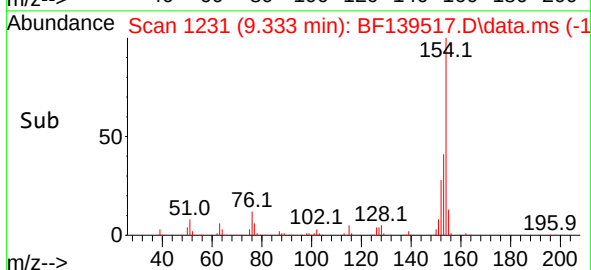
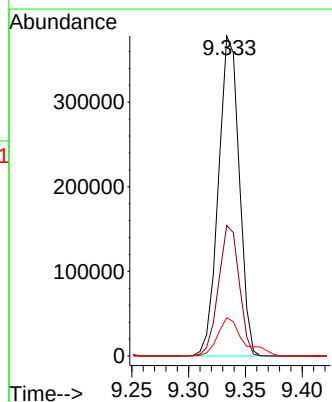
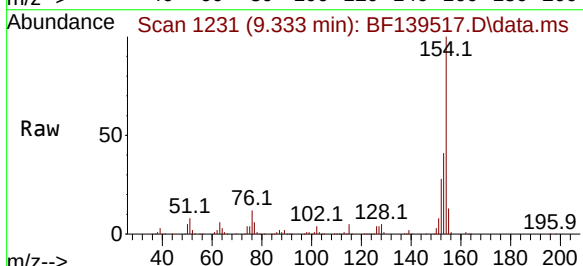
Tgt Ion:154 Resp: 482435

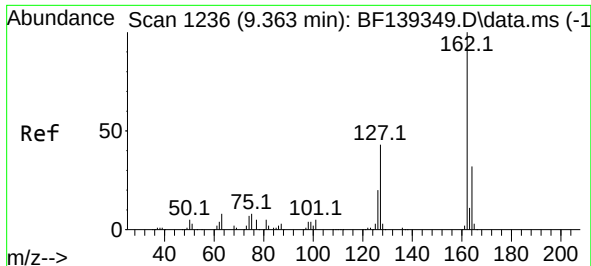
Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.030 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

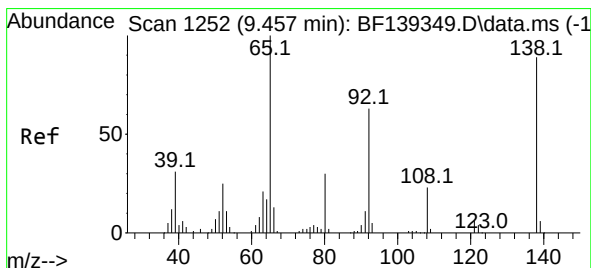
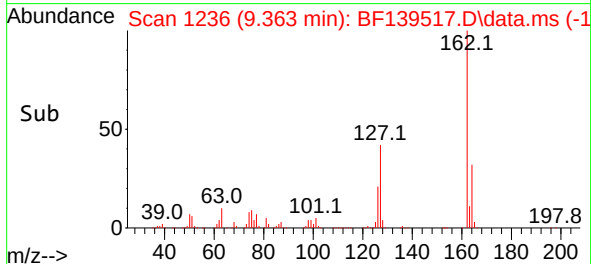
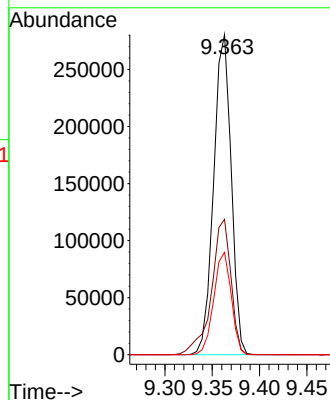
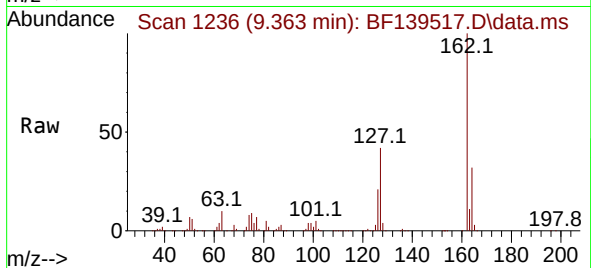
Tgt Ion:162 Resp: 361019

Ion Ratio Lower Upper

162 100

127 42.3 35.0 52.4

164 32.0 25.8 38.6



#48

2-Nitroaniline

Concen: 45.232 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

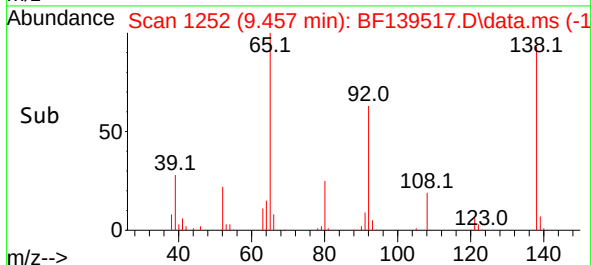
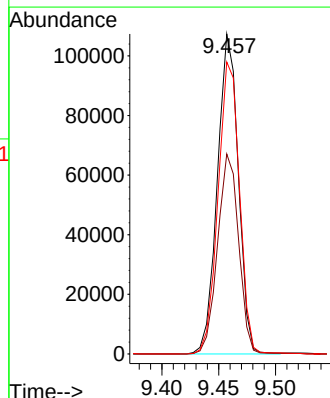
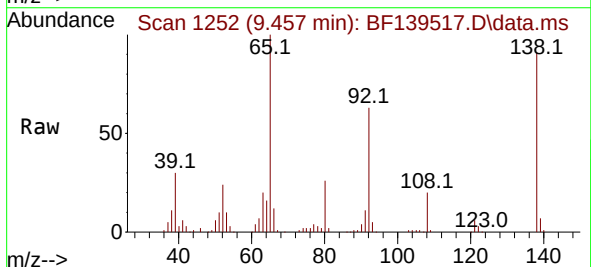
Tgt Ion: 65 Resp: 137943

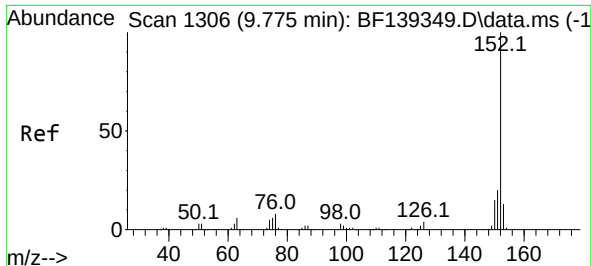
Ion Ratio Lower Upper

65 100

92 62.5 50.3 75.5

138 91.2 71.3 106.9

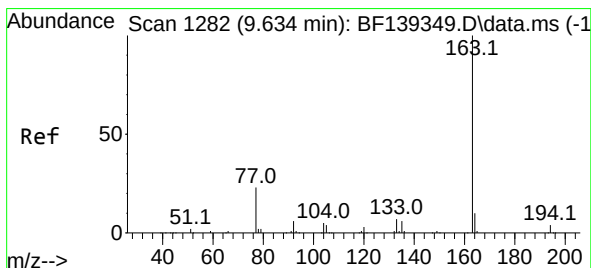
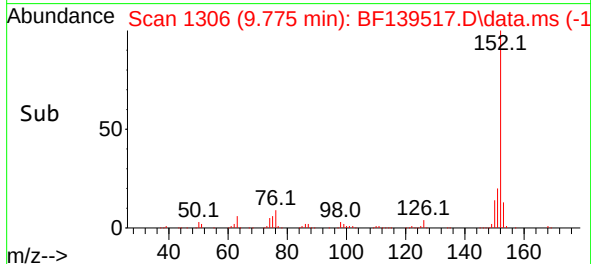
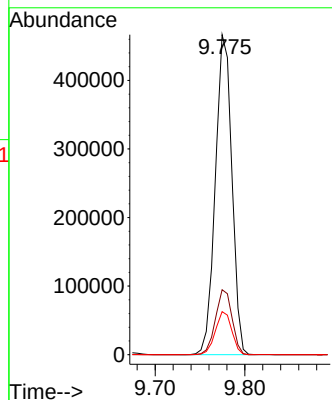
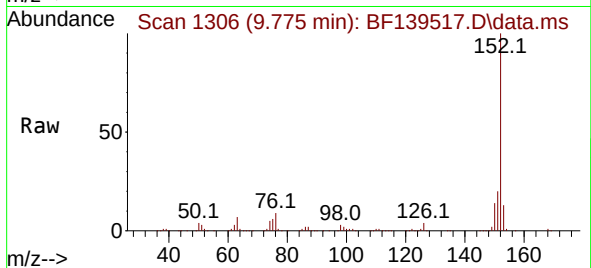




#49
Acenaphthylene
Concen: 48.421 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

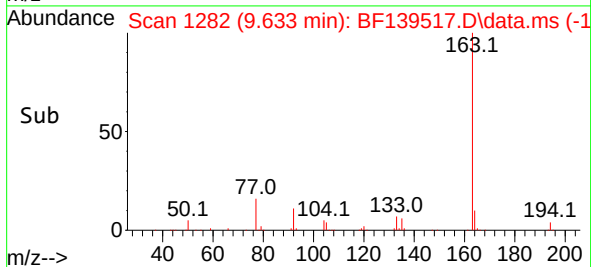
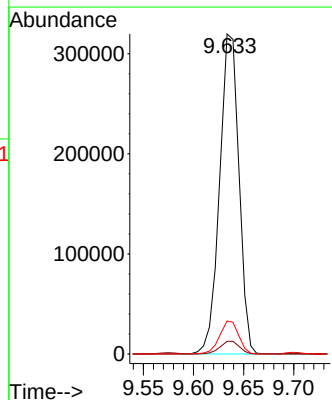
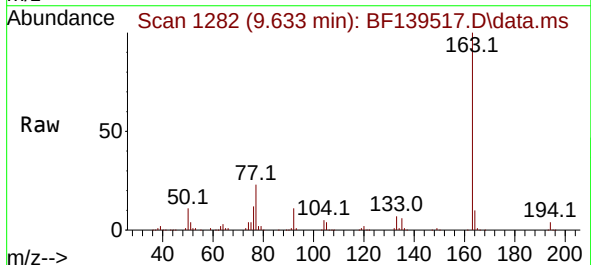
Instrument :
BNA_F
ClientSampleId :
PB163555BS

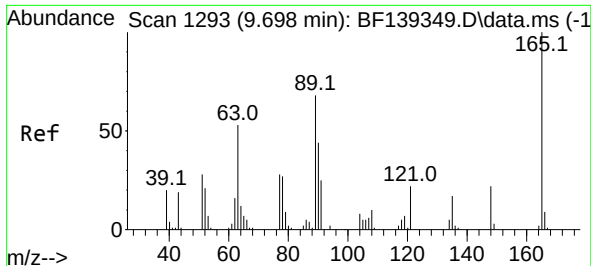
Tgt Ion:152 Resp: 597628
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.3 15.5



#50
Dimethylphthalate
Concen: 45.795 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:163 Resp: 428435
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.599 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139517.D

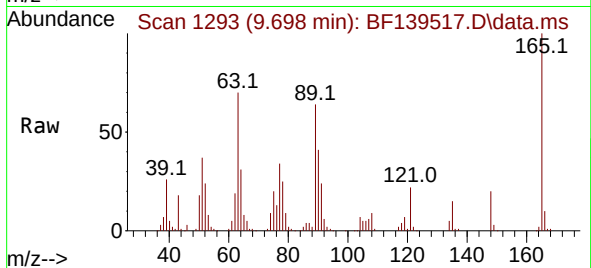
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



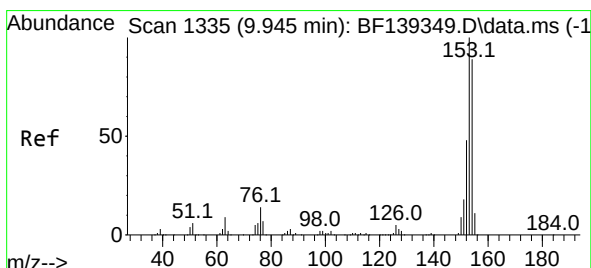
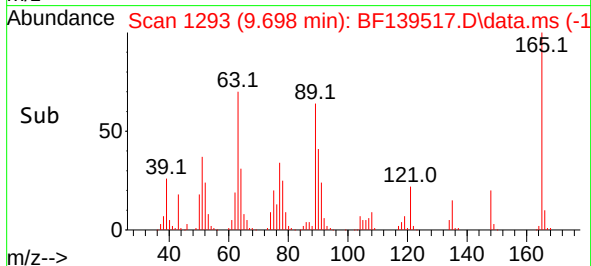
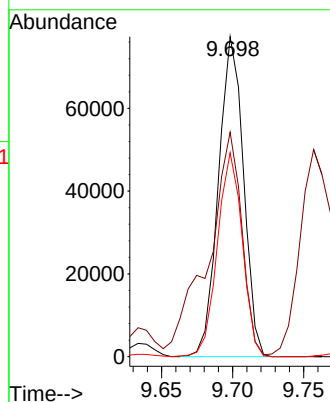
Tgt Ion:165 Resp: 94506

Ion Ratio Lower Upper

165 100

63 70.1 60.9 91.3

89 63.7 54.7 82.1



#52

Acenaphthene

Concen: 49.634 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

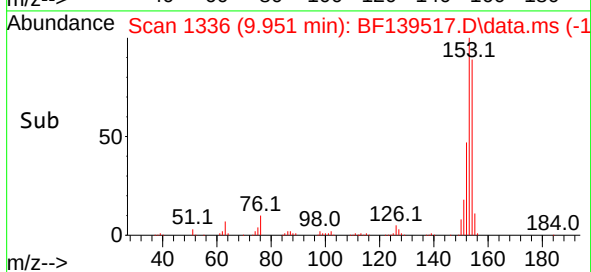
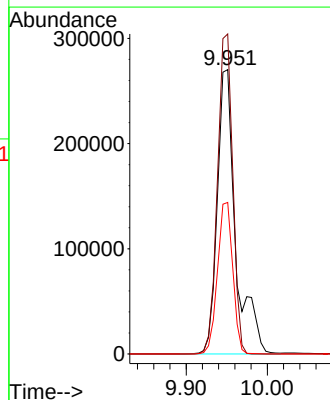
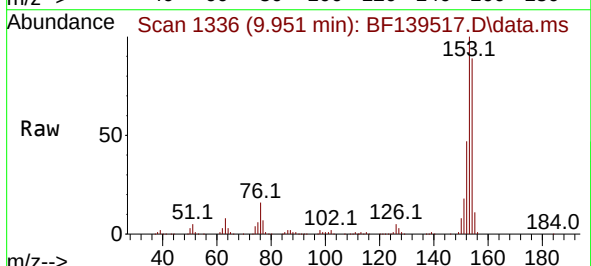
Tgt Ion:154 Resp: 427550

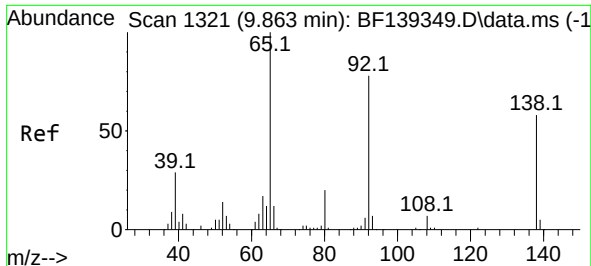
Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

152 53.3 42.6 64.0

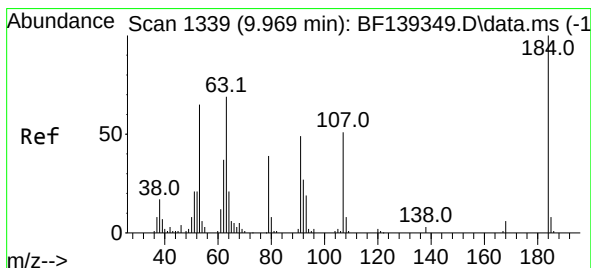
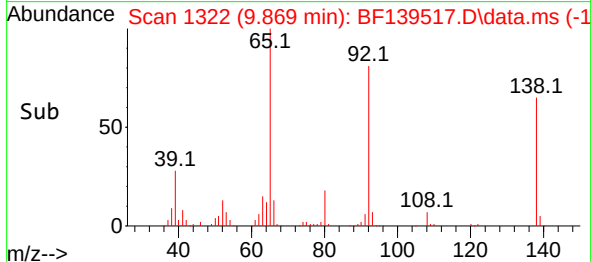
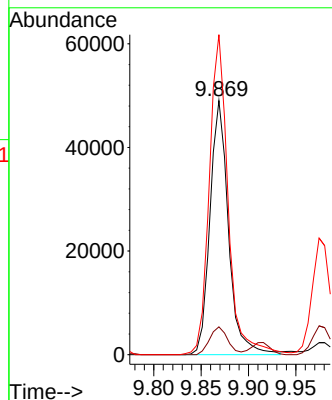
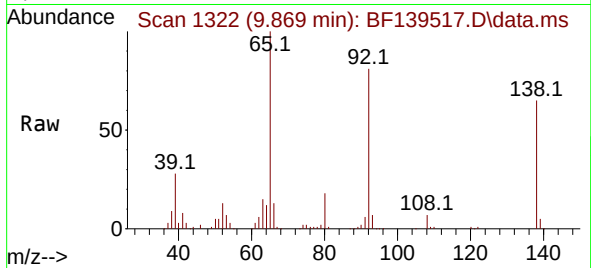




#53
3-Nitroaniline
Concen: 32.260 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

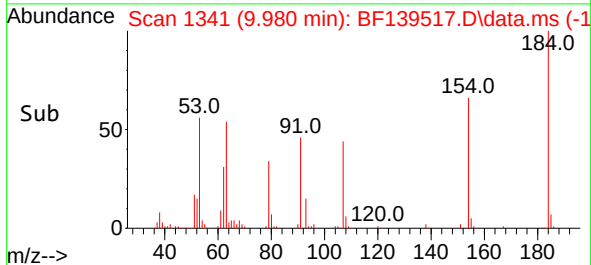
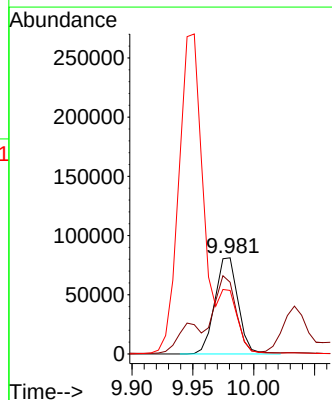
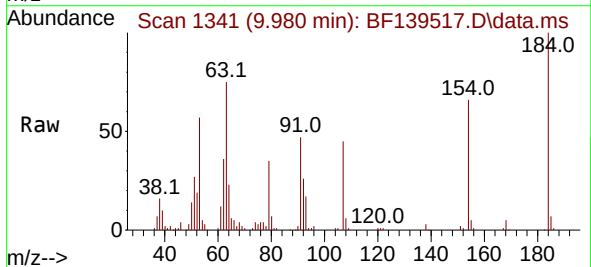
Instrument :
BNA_F
ClientSampleId :
PB163555BS

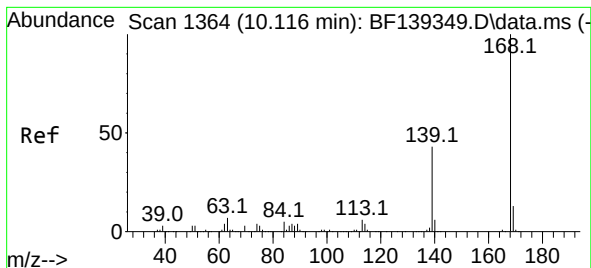
Tgt Ion:138 Resp: 66820
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.8
92 125.9 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 93.662 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:184 Resp: 108167
Ion Ratio Lower Upper
184 100
63 74.5 69.3 103.9
154 66.1 67.5 101.3#





#55

Dibenzofuran

Concen: 45.371 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

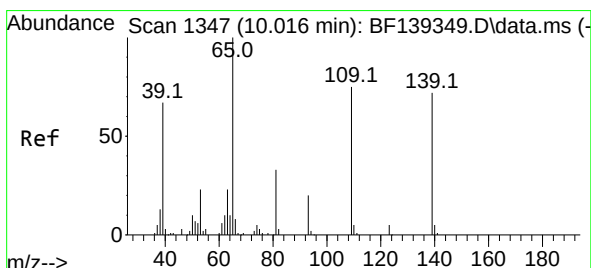
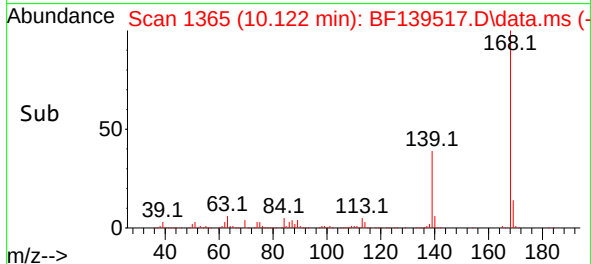
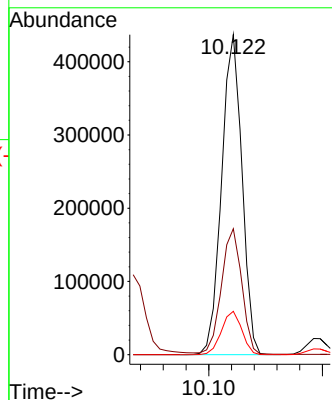
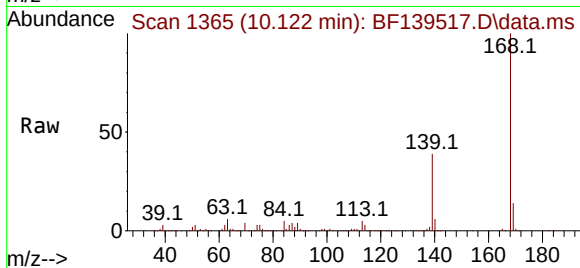
Tgt Ion:168 Resp: 544740

Ion Ratio Lower Upper

168 100

139 39.4 34.1 51.1

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 89.617 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.018 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

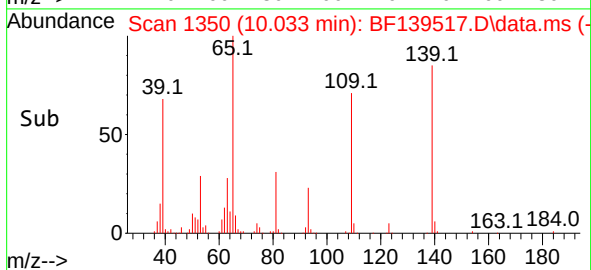
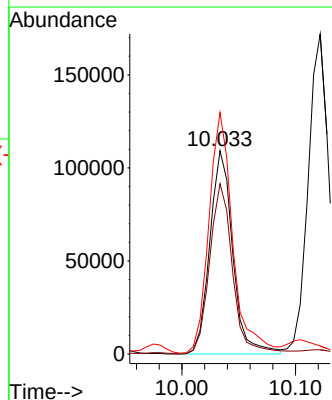
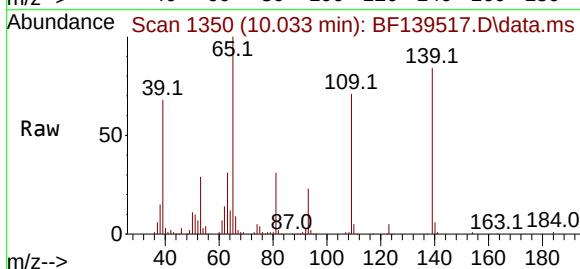
Tgt Ion:139 Resp: 153593

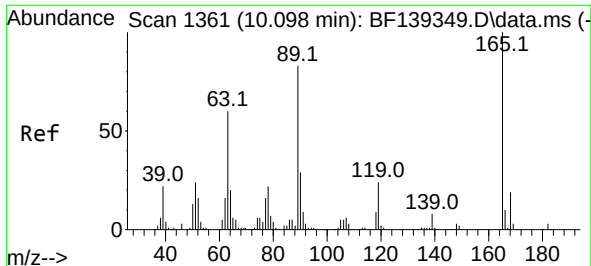
Ion Ratio Lower Upper

139 100

109 83.8 84.1 124.1#

65 118.8 120.0 160.0#

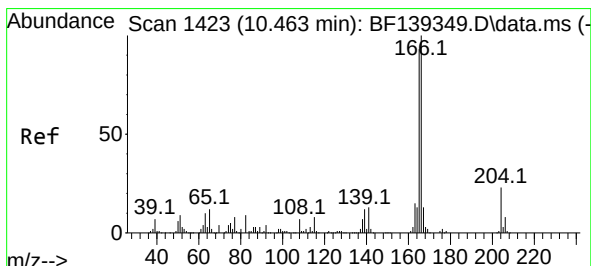
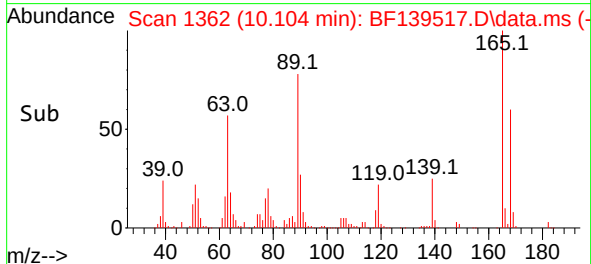
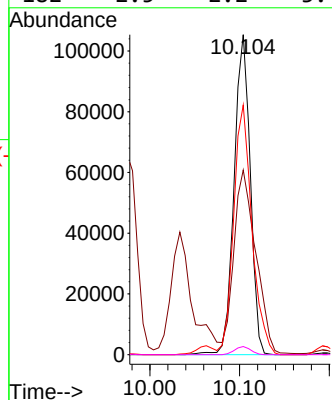
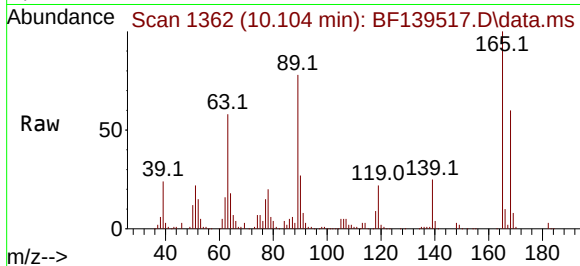




#57
2,4-Dinitrotoluene
Concen: 46.991 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

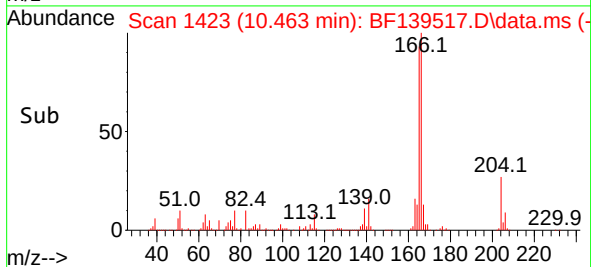
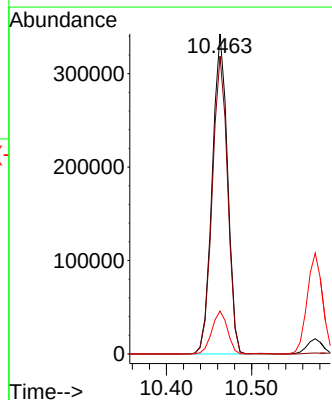
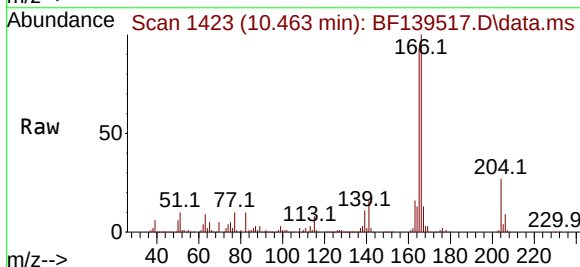
Instrument :
BNA_F
ClientSampleId :
PB163555BS

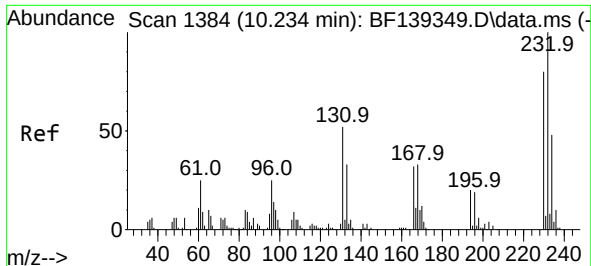
Tgt Ion:165 Resp: 131485
Ion Ratio Lower Upper
165 100
63 57.7 47.8 71.6
89 78.0 66.7 100.1
182 2.5 2.2 3.4



#58
Fluorene
Concen: 43.608 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:166 Resp: 427193
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.4 10.6 16.0

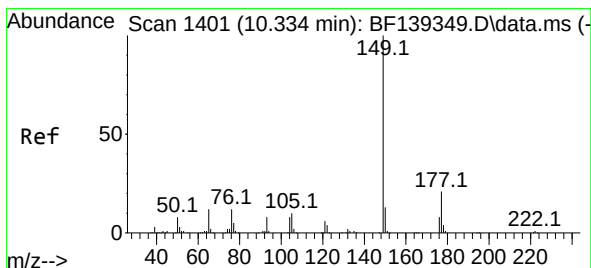
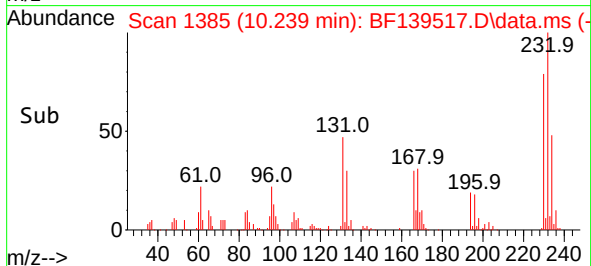
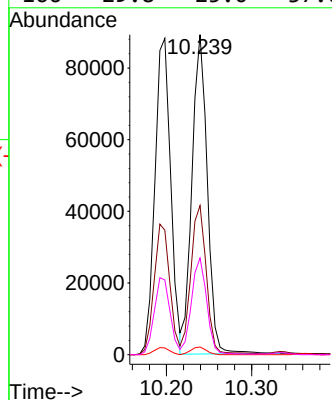
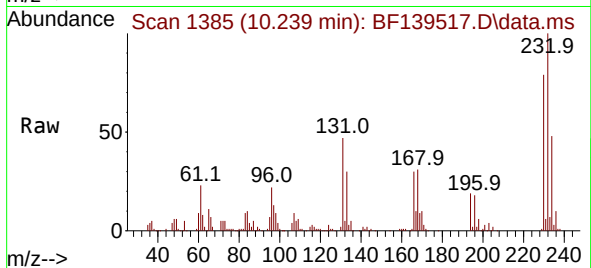




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.378 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

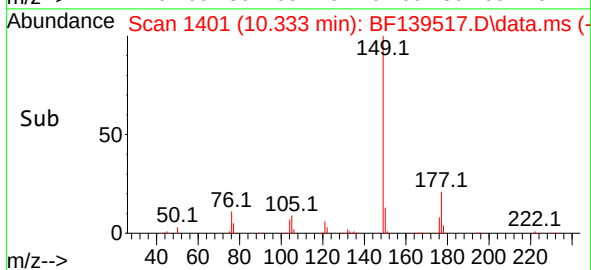
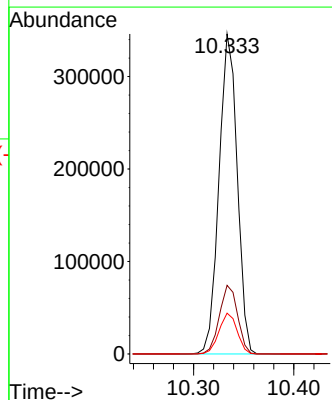
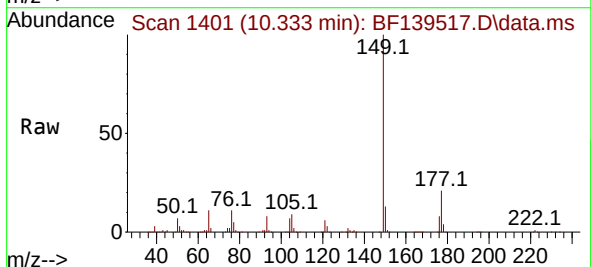
Instrument :
BNA_F
ClientSampleId :
PB163555BS

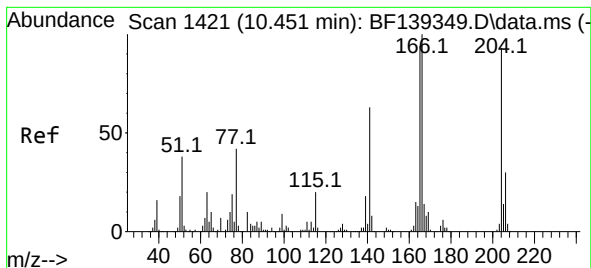
Tgt Ion:232 Resp: 111225
Ion Ratio Lower Upper
232 100
131 47.4 40.7 61.1
130 2.4 2.2 3.2
166 29.8 25.0 37.6



#60
Diethylphthalate
Concen: 45.107 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:149 Resp: 435491
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.7 10.6 15.8

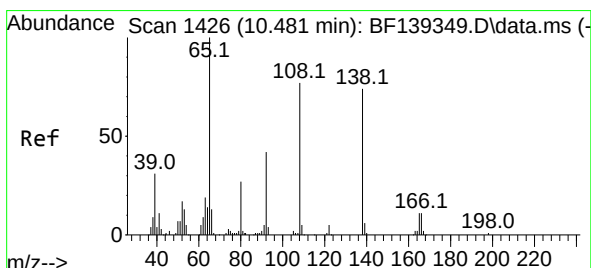
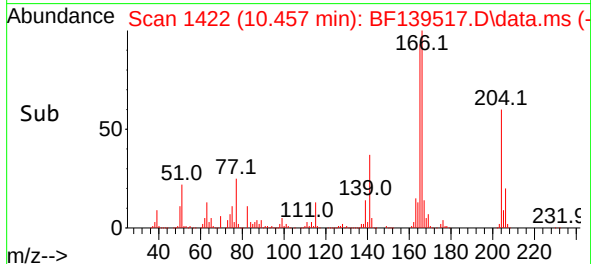
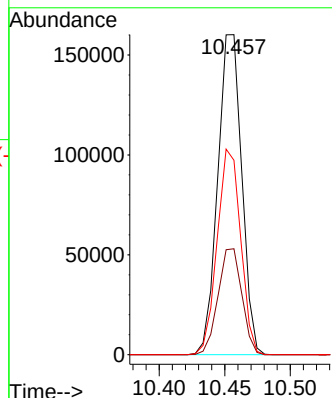
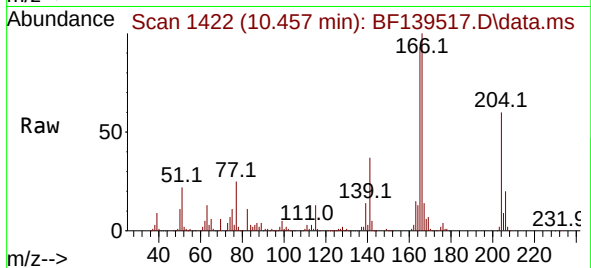




#61
4-Chlorophenyl-phenylether
Concen: 42.851 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

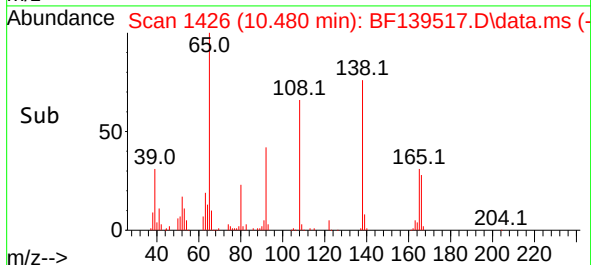
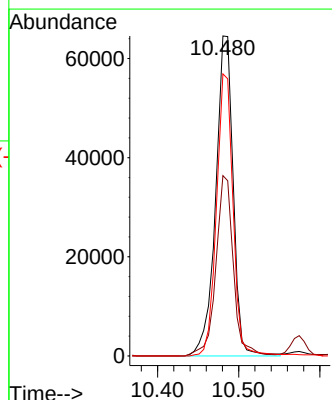
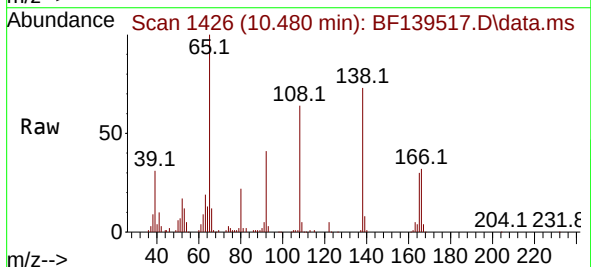
Instrument :
BNA_F
ClientSampleId :
PB163555BS

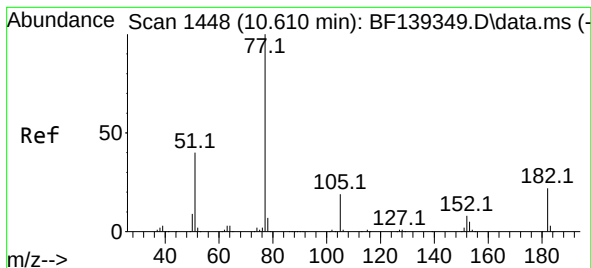
Tgt Ion:204 Resp: 204005
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 60.8 53.9 80.9



#62
4-Nitroaniline
Concen: 43.019 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:138 Resp: 97247
Ion Ratio Lower Upper
138 100
92 56.4 37.0 77.0
108 88.1 84.4 124.4





#63

Azobenzene

Concen: 46.219 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion: 77 Resp: 438886

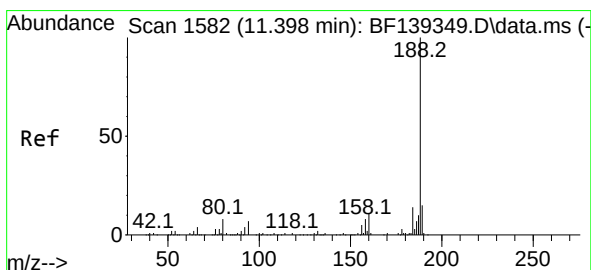
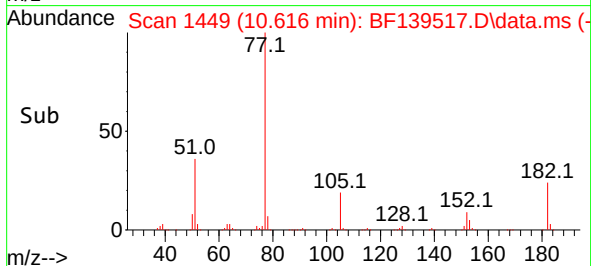
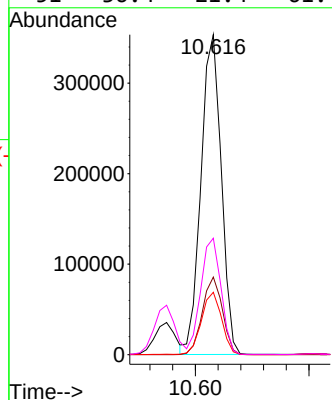
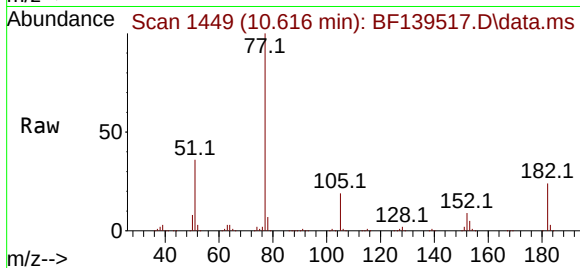
Ion Ratio Lower Upper

77 100

182 24.3 1.8 41.8

105 19.5 0.0 38.6

51 36.4 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: BF139517.D

Acq: 24 Sep 2024 13:29

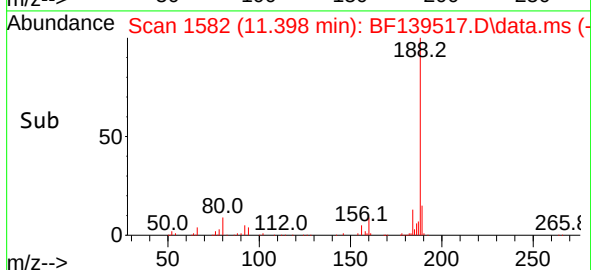
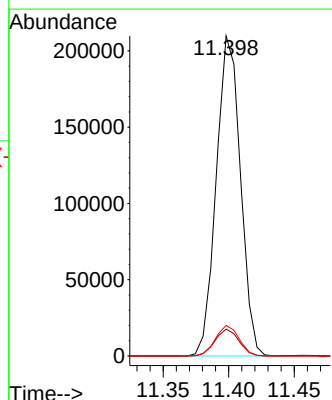
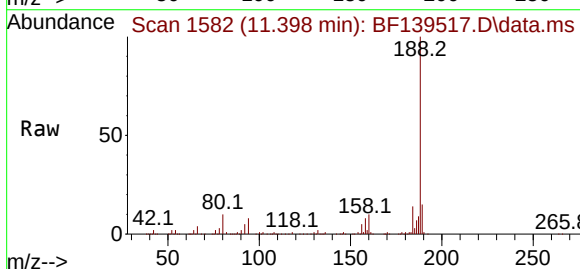
Tgt Ion:188 Resp: 268800

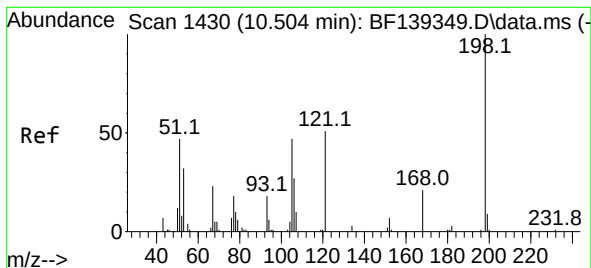
Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.6 6.6 9.8

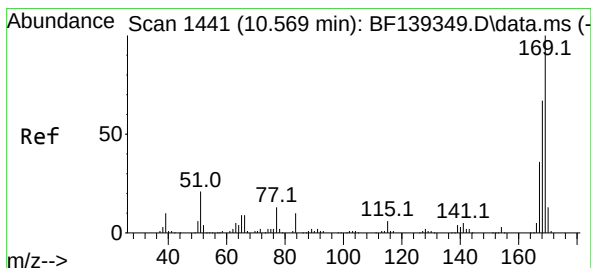
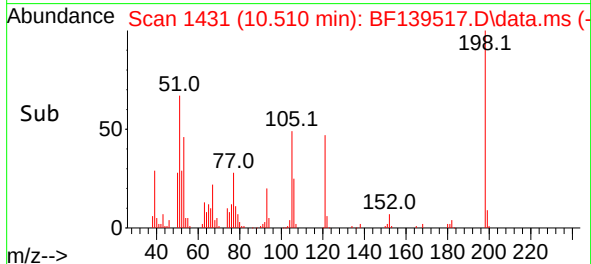
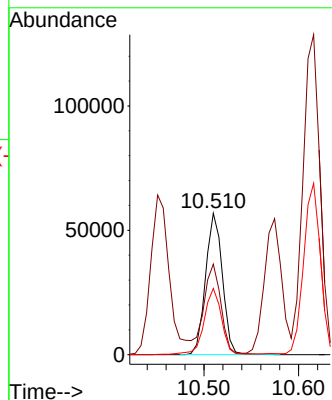
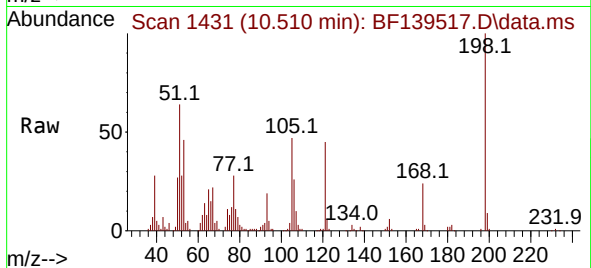




#65
4,6-Dinitro-2-methylphenol
Concen: 49.463 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

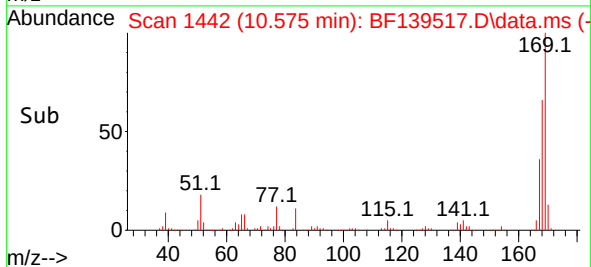
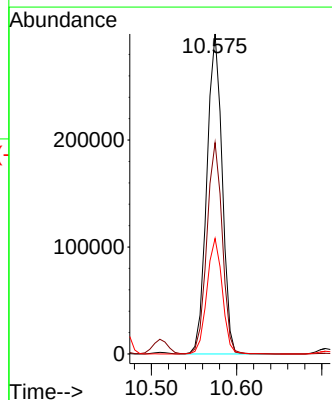
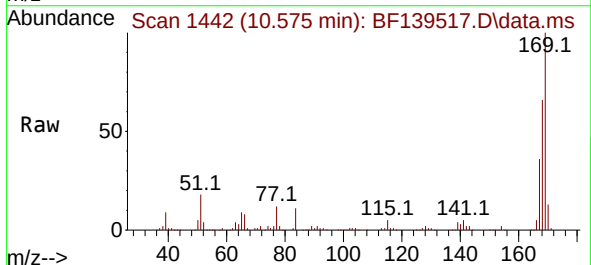
Instrument :
BNA_F
ClientSampleId :
PB163555BS

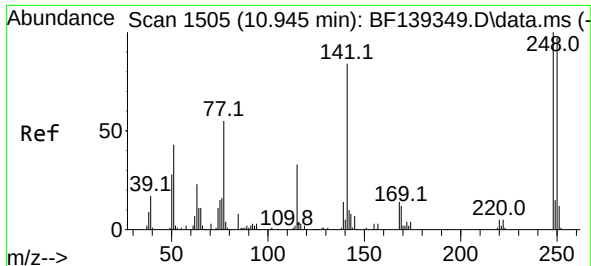
Tgt Ion:198 Resp: 70172
Ion Ratio Lower Upper
198 100
51 64.1 50.4 90.4
105 46.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 47.422 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:169 Resp: 372679
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.1 28.7 43.1

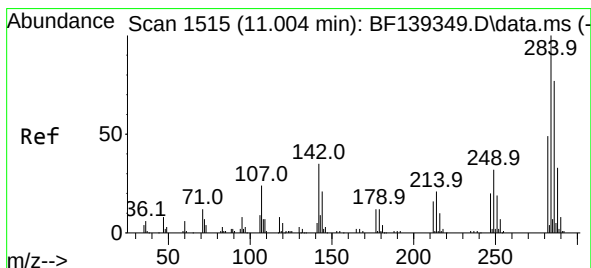
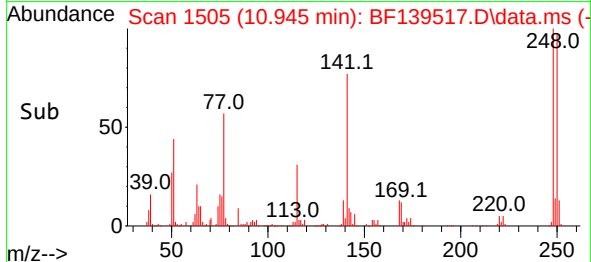
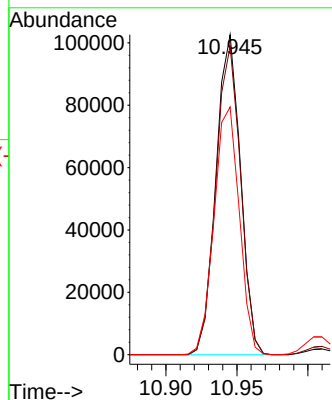
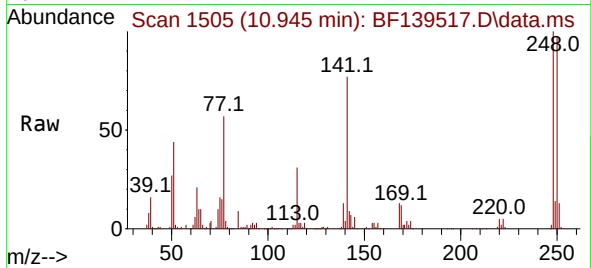




#67
4-Bromophenyl-phenylether
Concen: 46.307 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

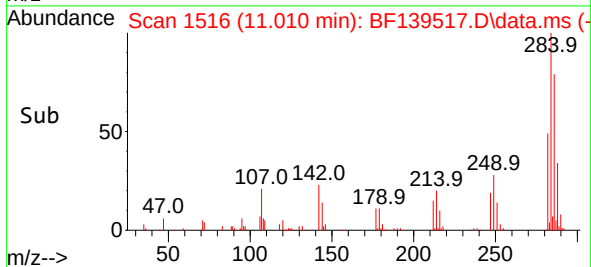
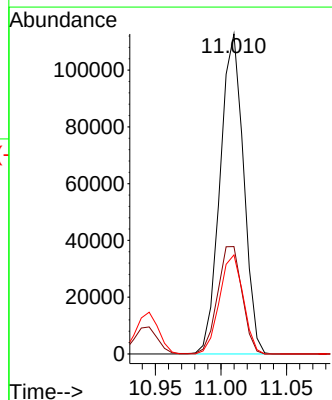
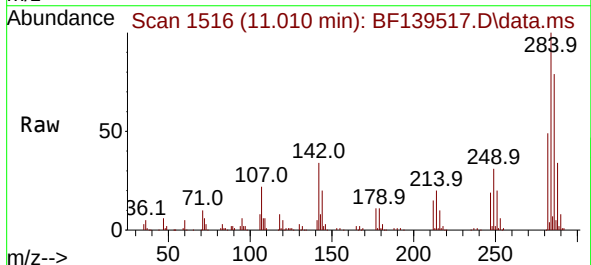
Instrument :
BNA_F
ClientSampleId :
PB163555BS

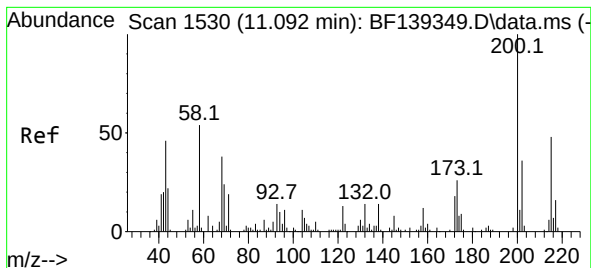
Tgt Ion:248 Resp: 123349
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 77.4 66.9 100.3



#68
Hexachlorobenzene
Concen: 44.853 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:284 Resp: 140221
Ion Ratio Lower Upper
284 100
142 33.6 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 62.161 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

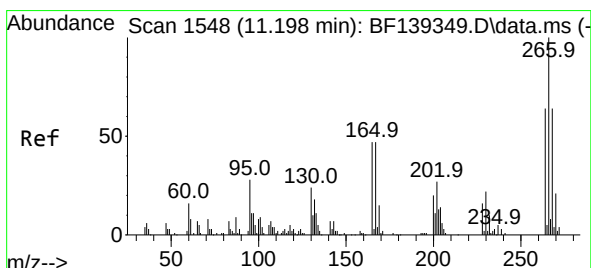
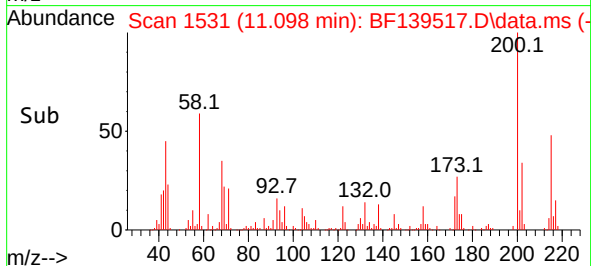
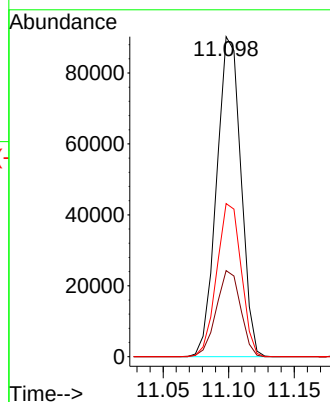
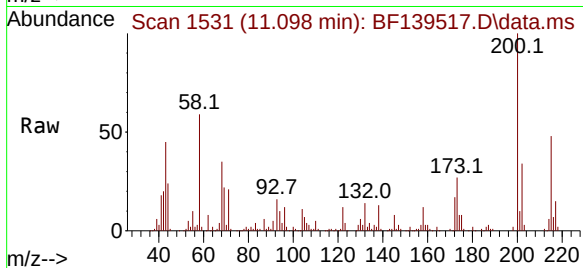
Tgt Ion:200 Resp: 116299

Ion Ratio Lower Upper

200 100

173 26.9 6.1 46.1

215 47.8 28.2 68.2



#70

Pentachlorophenol

Concen: 82.490 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

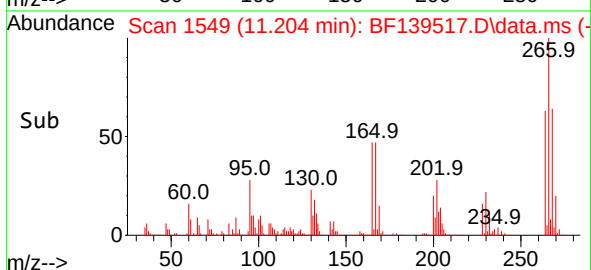
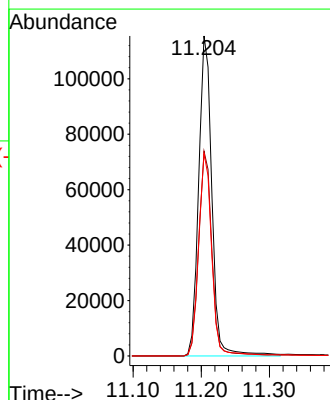
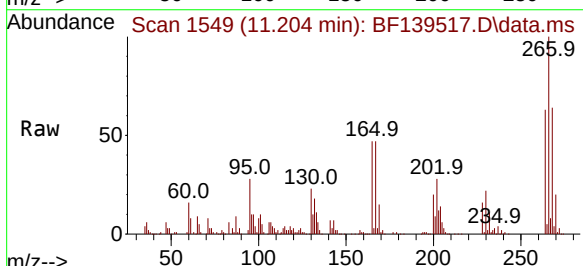
Tgt Ion:266 Resp: 154740

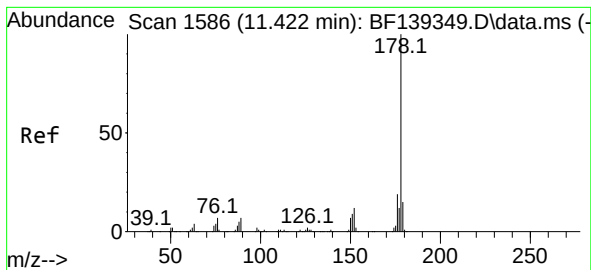
Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

264 63.2 51.4 77.0

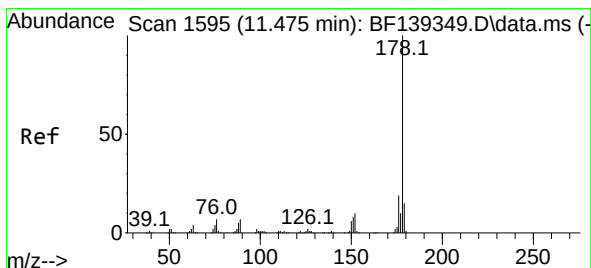
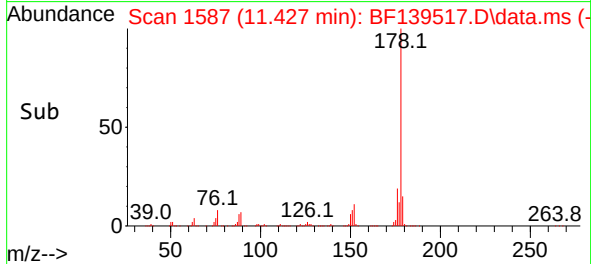
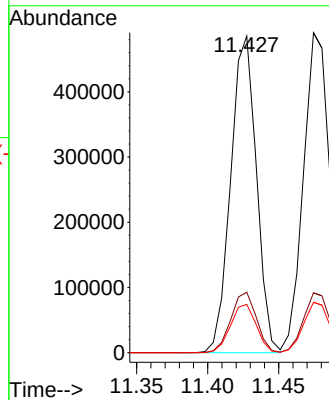
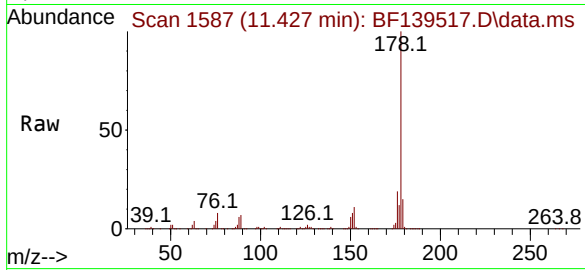




#71
Phenanthrene
Concen: 47.181 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

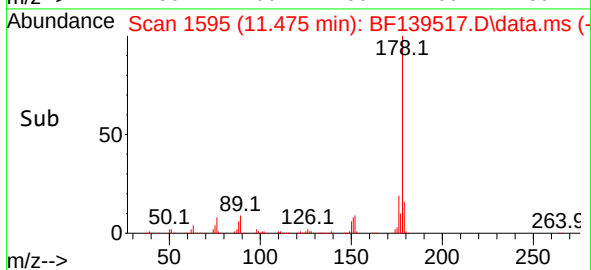
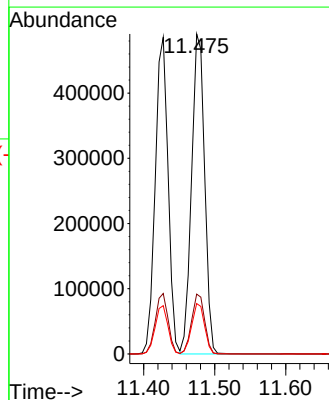
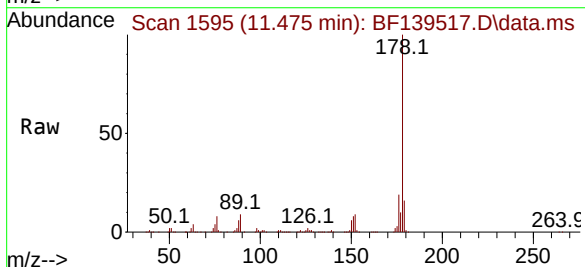
Instrument :
BNA_F
ClientSampleId :
PB163555BS

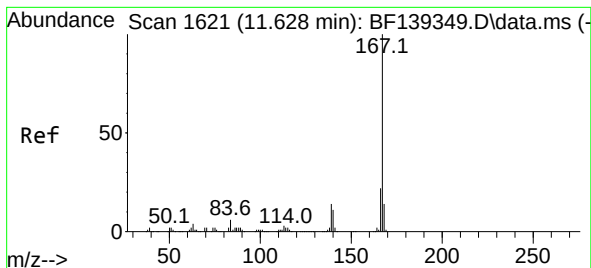
Tgt Ion:178 Resp: 611869
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 49.418 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:178 Resp: 626602
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.0 18.0





#73

Carbazole

Concen: 46.262 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

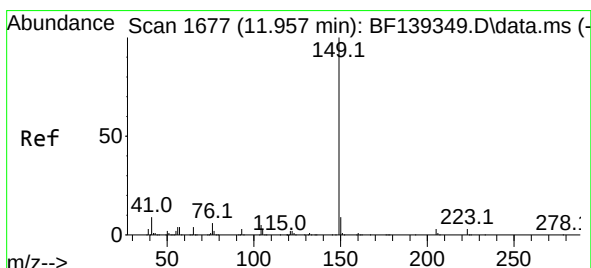
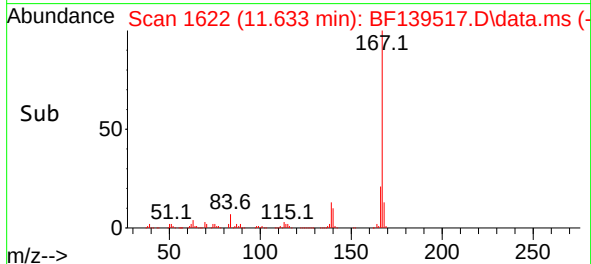
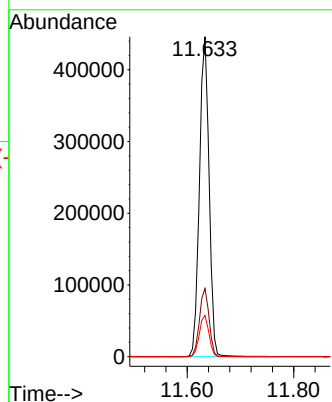
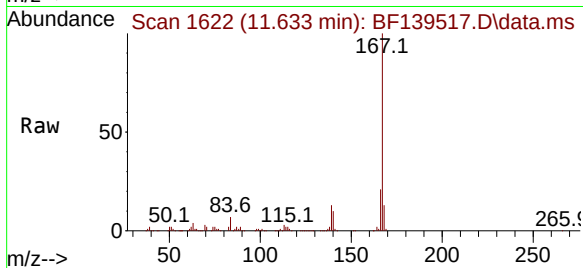
Tgt Ion:167 Resp: 561414

Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

139 12.9 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.010 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

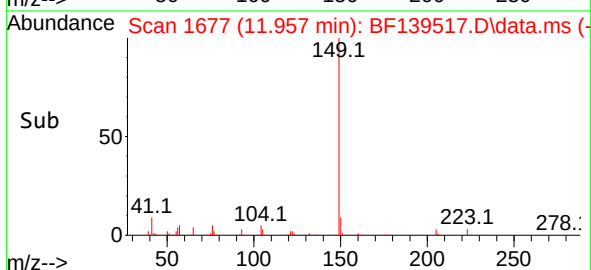
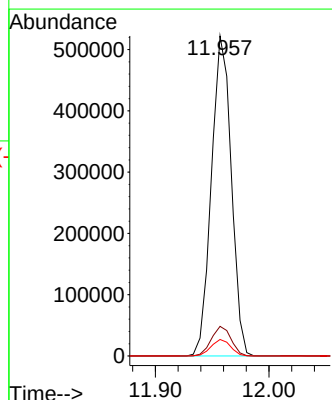
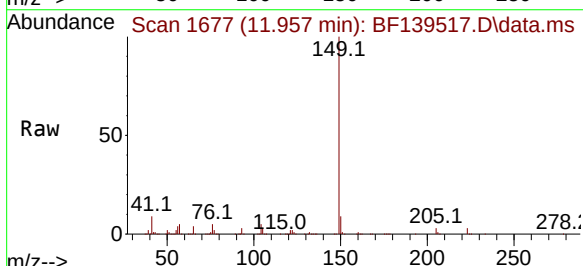
Tgt Ion:149 Resp: 635519

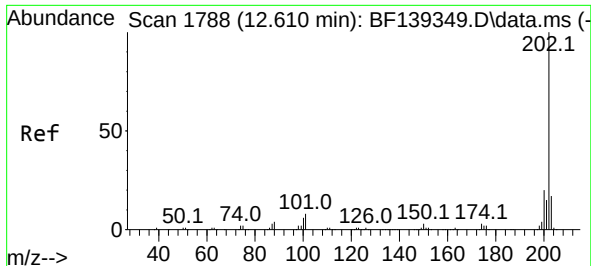
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.2 4.3 6.5

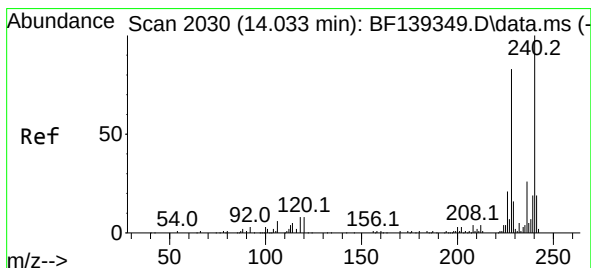
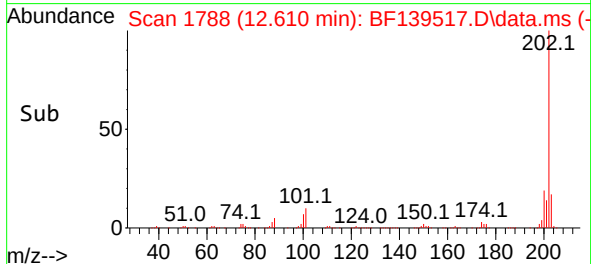
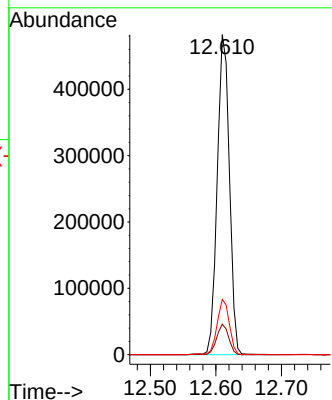
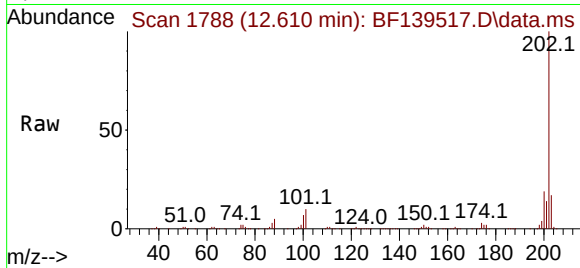




#75
Fluoranthene
Concen: 44.722 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

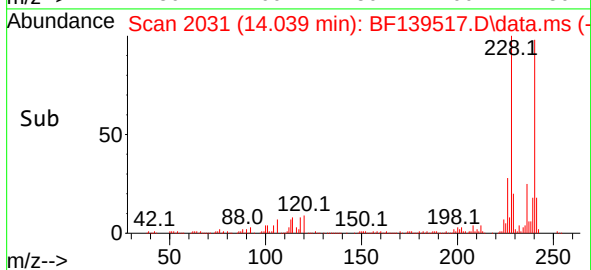
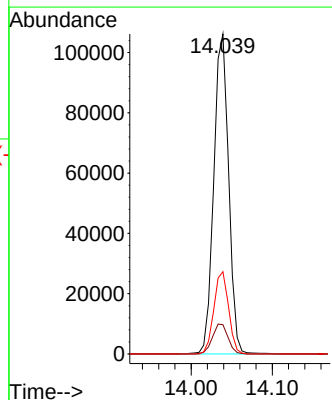
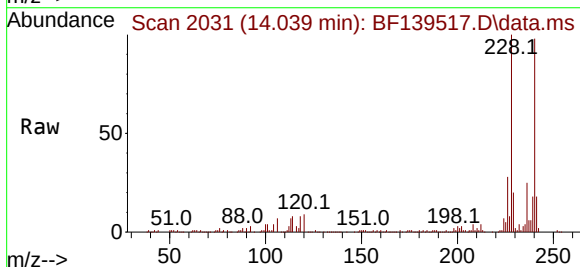
Instrument :
BNA_F
ClientSampleId :
PB163555BS

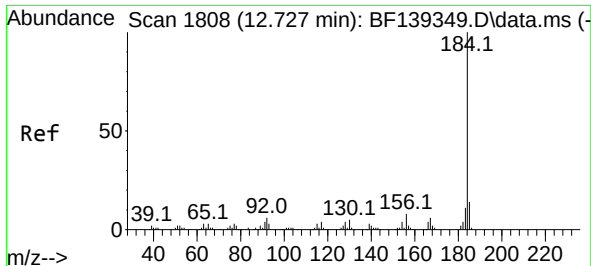
Tgt Ion:202 Resp: 619367
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:240 Resp: 134801
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 25.7 20.9 31.3

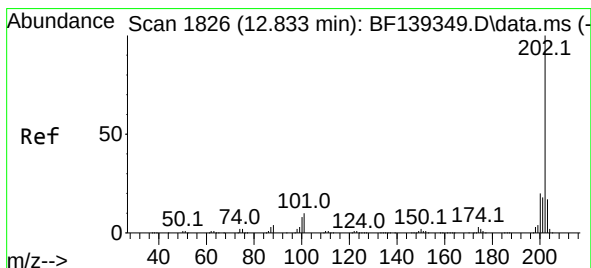
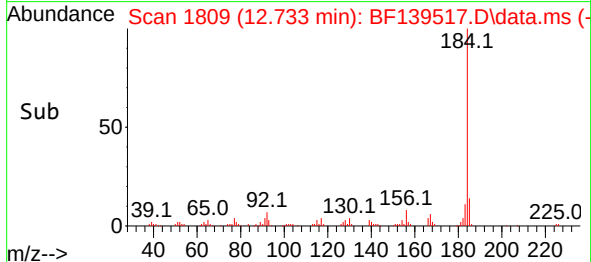
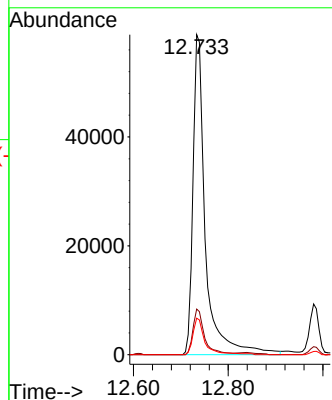
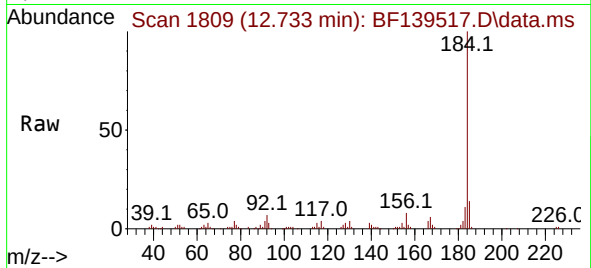




#77
Benzidine
Concen: 55.553 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

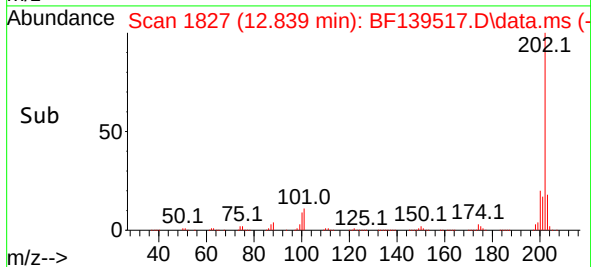
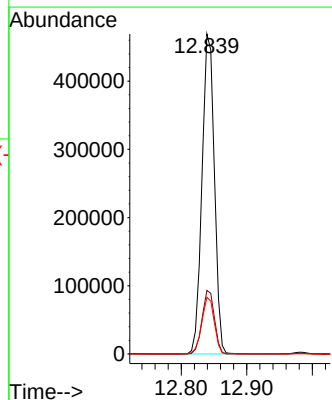
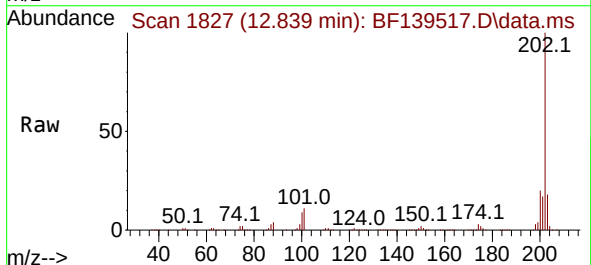
Instrument :
BNA_F
ClientSampleId :
PB163555BS

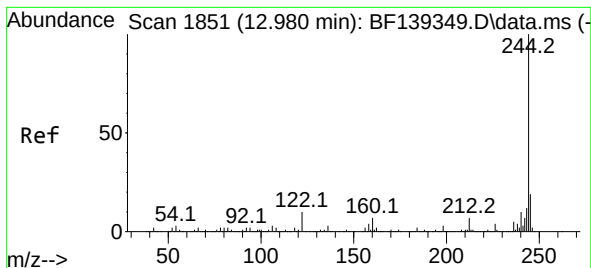
Tgt Ion:184 Resp: 107290
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 8.9 13.3



#78
Pyrene
Concen: 53.447 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:202 Resp: 618617
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 99.095 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139517.D

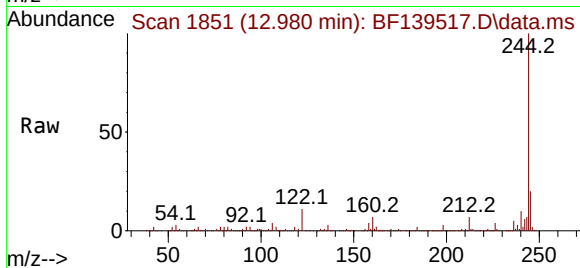
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



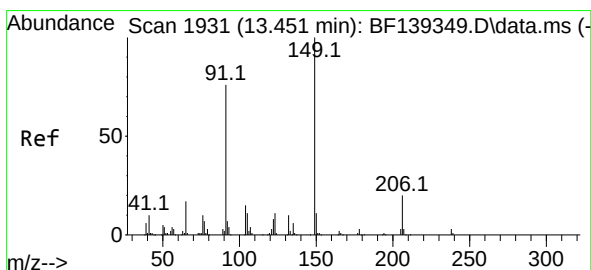
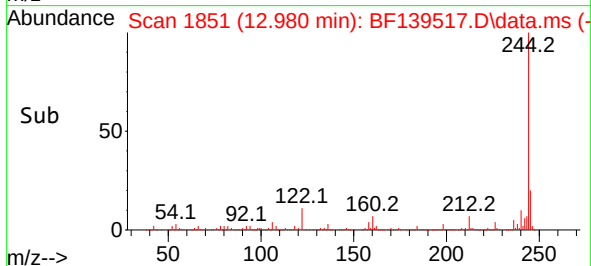
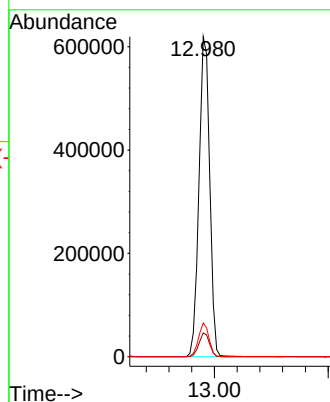
Tgt Ion:244 Resp: 813829

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 49.211 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

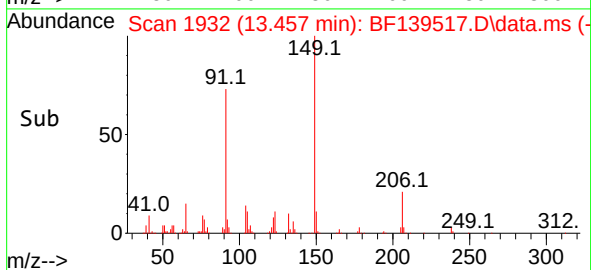
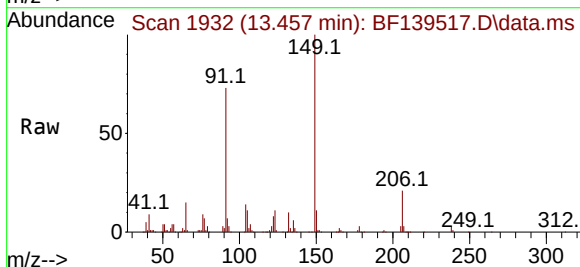
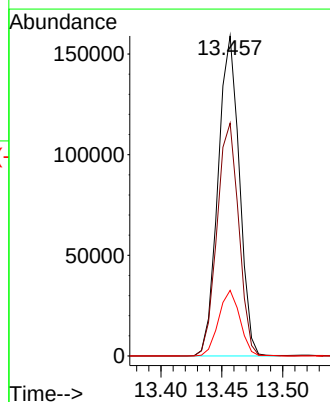
Tgt Ion:149 Resp: 193877

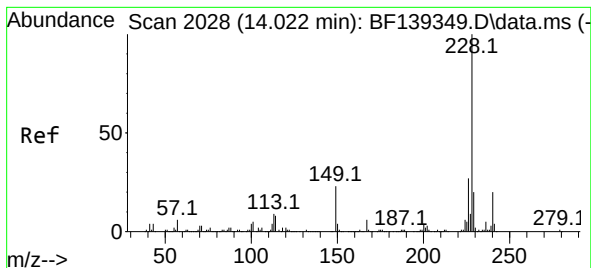
Ion Ratio Lower Upper

149 100

91 72.7 60.9 91.3

206 20.5 15.8 23.8





#81

Benzo(a)anthracene

Concen: 48.510 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

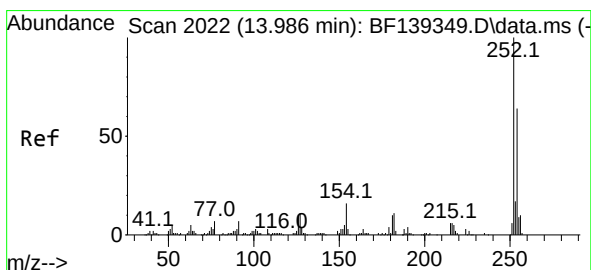
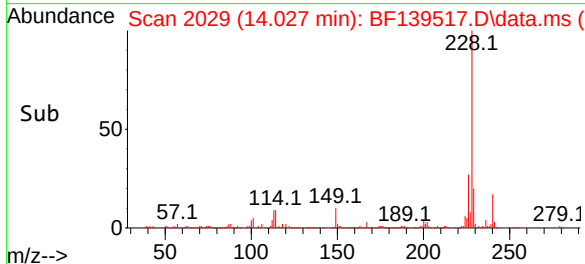
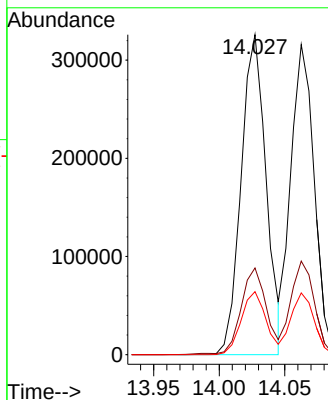
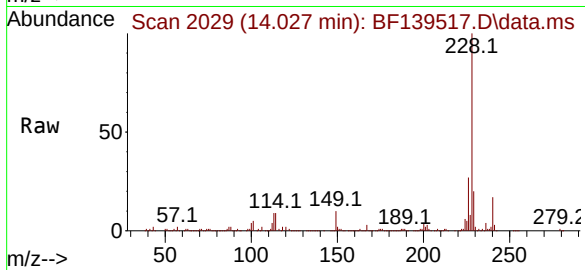
Tgt Ion:228 Resp: 433155

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.649 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

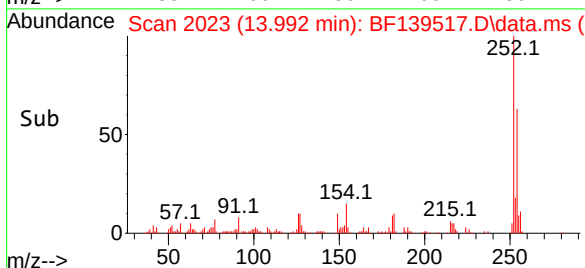
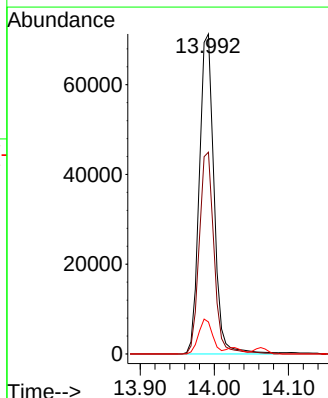
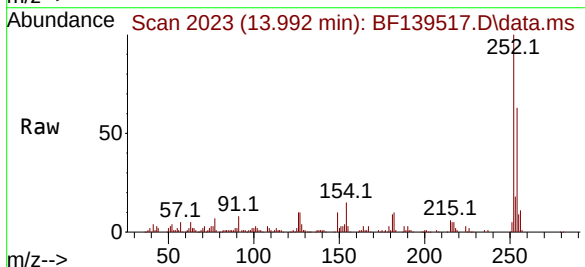
Tgt Ion:252 Resp: 98449

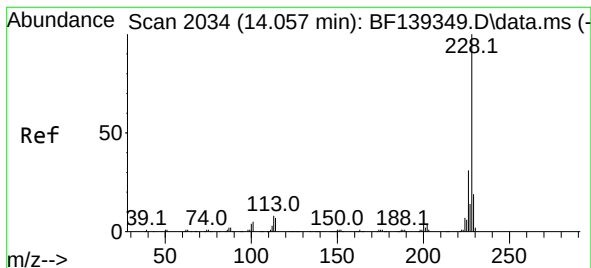
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

126 10.0 7.7 11.5





#83

Chrysene

Concen: 47.977 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

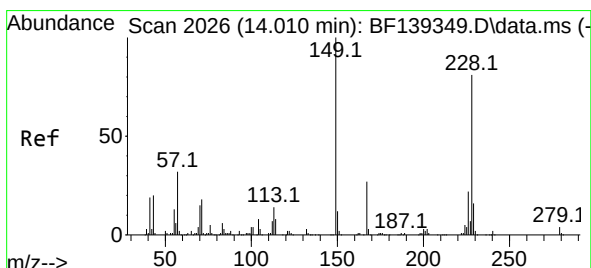
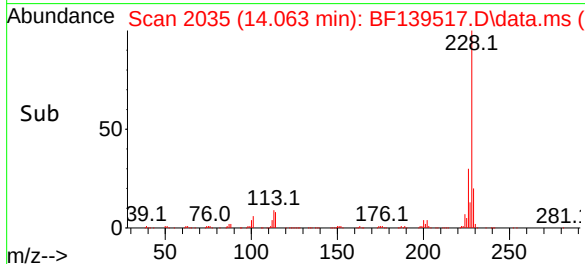
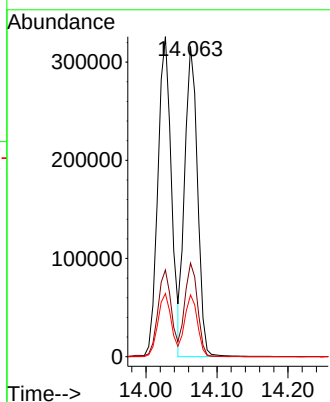
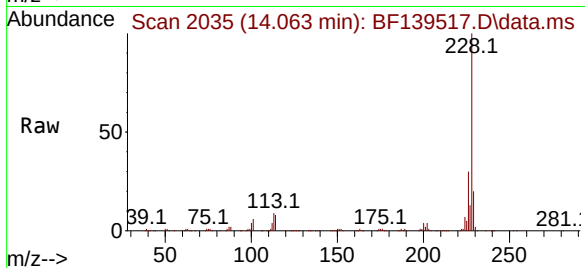
Tgt Ion:228 Resp: 394130

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.689 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

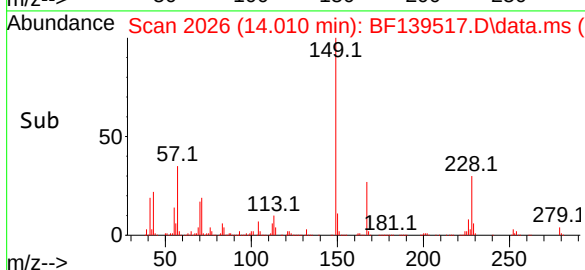
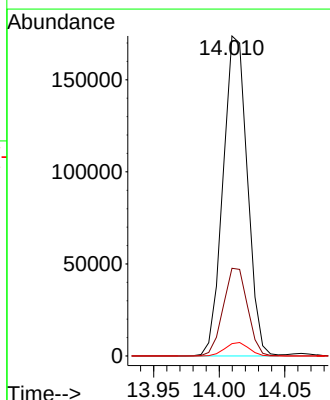
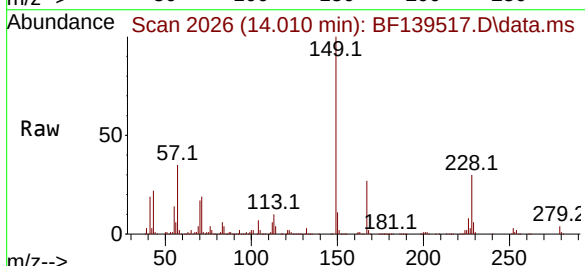
Tgt Ion:149 Resp: 223975

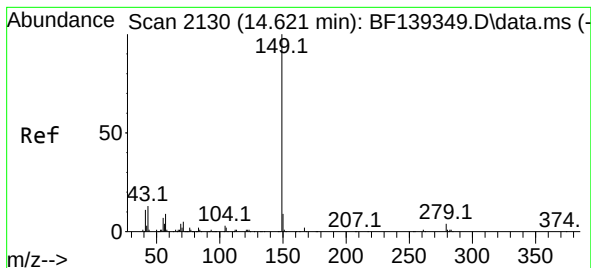
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.327 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

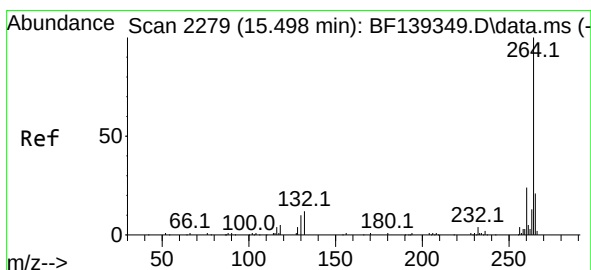
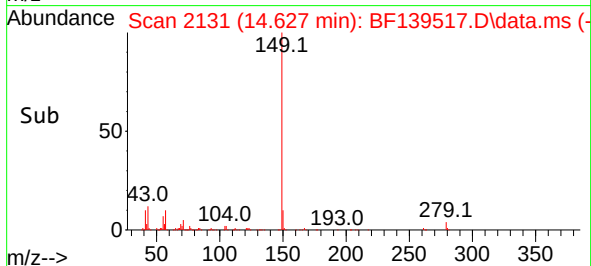
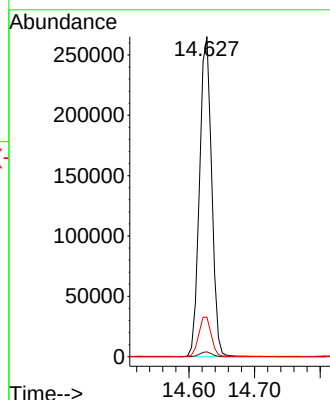
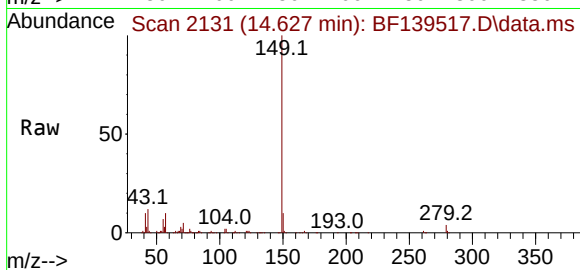
Tgt Ion:149 Resp: 341939

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.7 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: BF139517.D

Acq: 24 Sep 2024 13:29

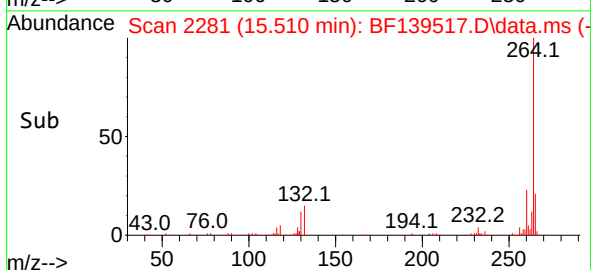
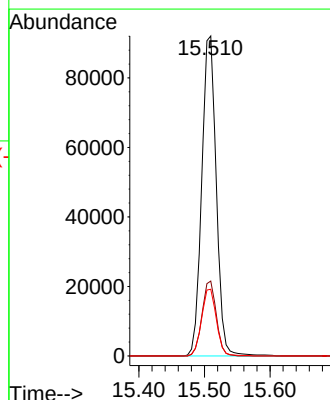
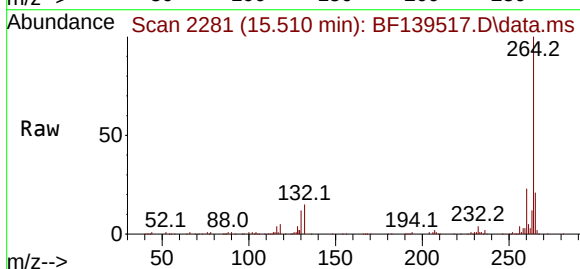
Tgt Ion:264 Resp: 142178

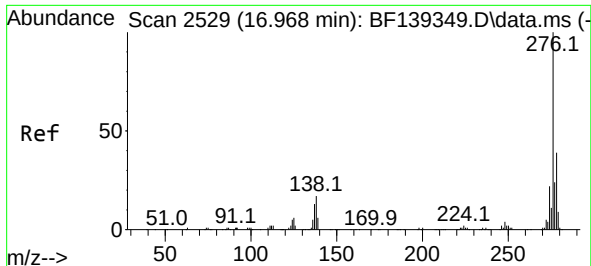
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.8 16.6 25.0

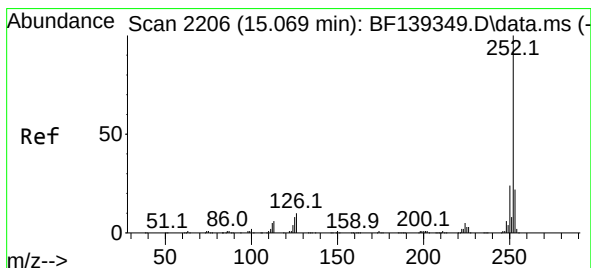
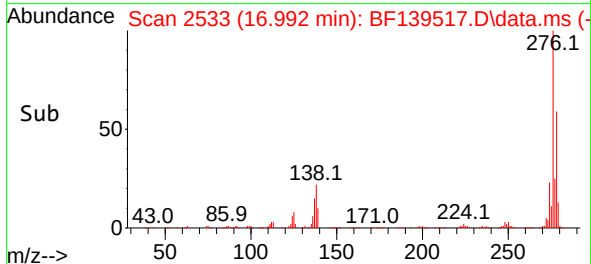
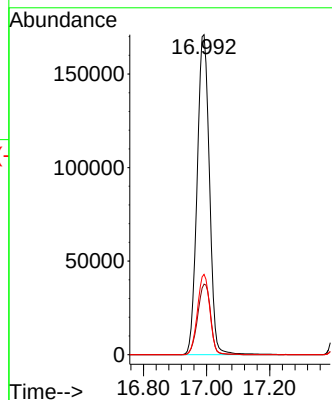
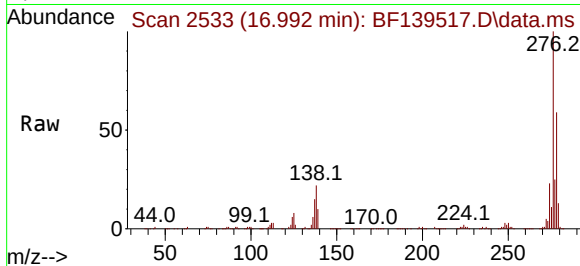




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.742 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

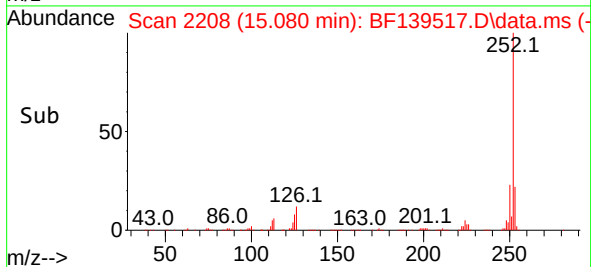
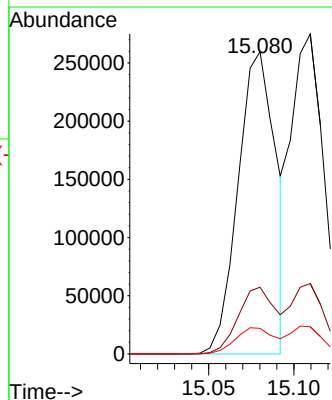
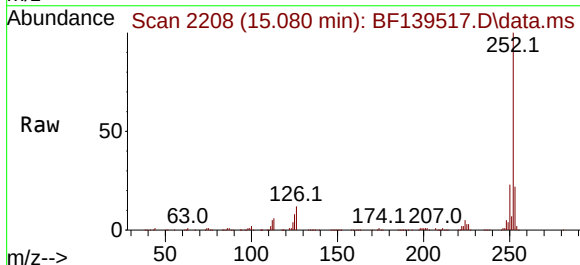
Instrument :
BNA_F
ClientSampleId :
PB163555BS

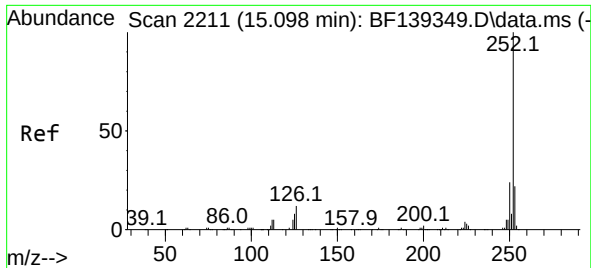
Tgt Ion:276 Resp: 462802
Ion Ratio Lower Upper
276 100
138 23.1 15.4 23.2
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 45.521 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:252 Resp: 399158
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.5 6.2 9.2

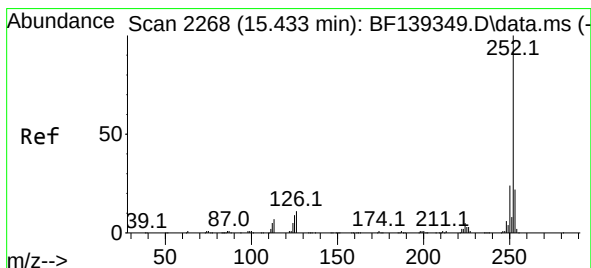
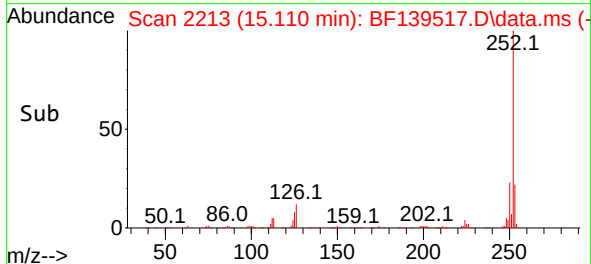
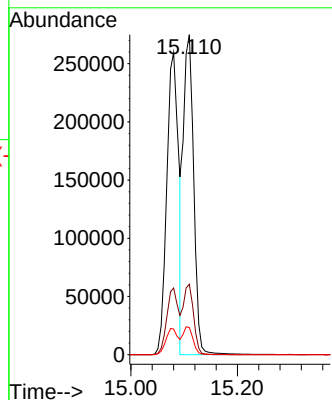
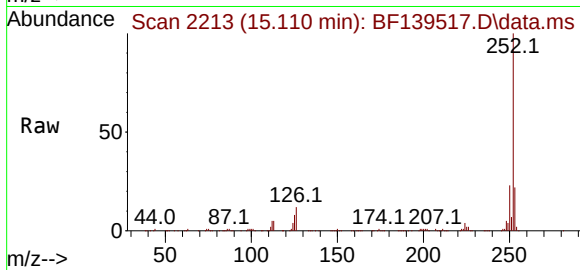




#89
Benzo(k)fluoranthene
Concen: 45.942 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

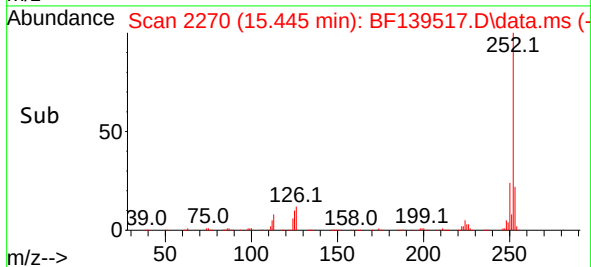
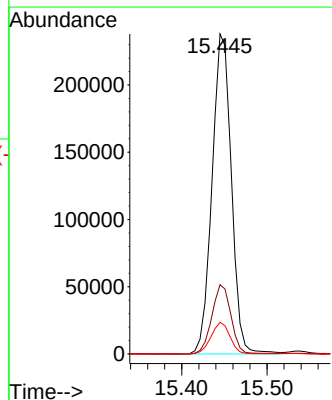
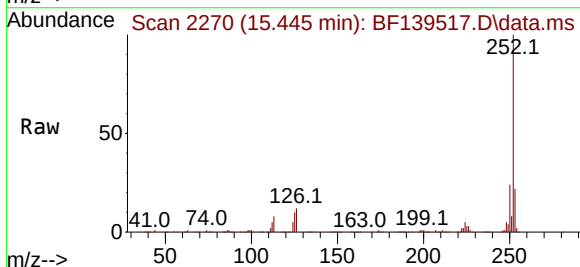
Instrument :
BNA_F
ClientSampleId :
PB163555BS

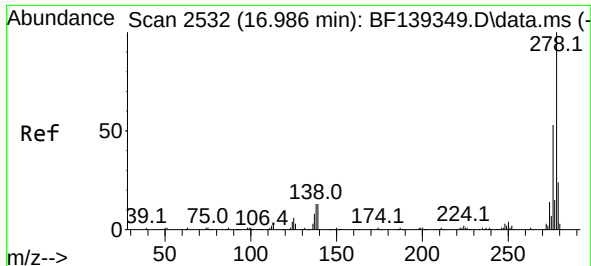
Tgt Ion:252 Resp: 371434
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.5 5.9 8.9



#90
Benzo(a)pyrene
Concen: 51.497 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:252 Resp: 374496
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.9 6.8 10.2

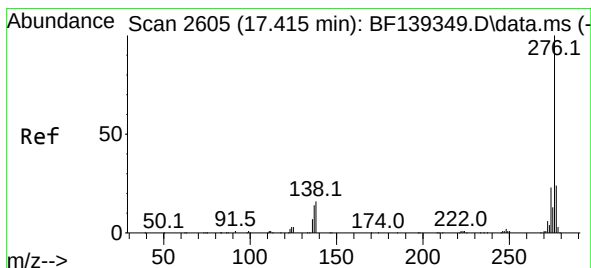
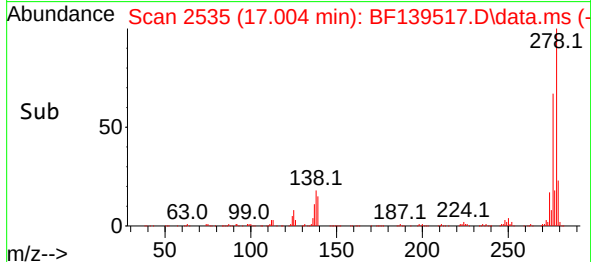
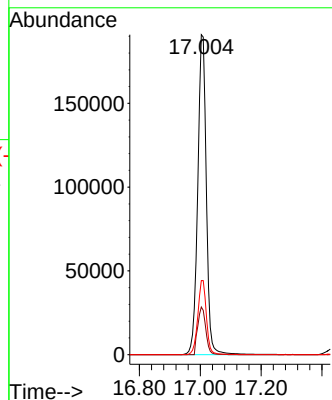
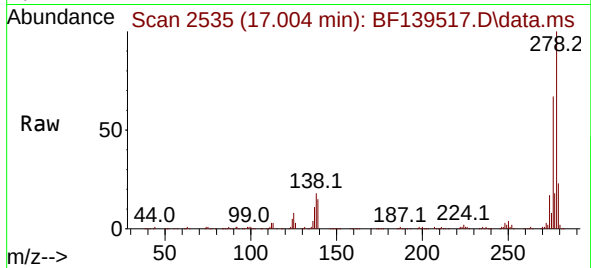




#91
Dibenzo(a,h)anthracene
Concen: 53.611 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

Tgt Ion:278 Resp: 374530
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 23.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 51.246 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:276 Resp: 354471
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 18.8 13.0 19.6

