

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139519.D
 Acq On : 24 Sep 2024 14:26
 Operator : RC/JU
 Sample : PB163646BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163646BS

Quant Time: Sep 24 14:50:19 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	75698	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280095	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	147788	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	279973	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	140058	20.000	ng	0.00
86) Perylene-d12	15.510	264	153036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	574792	123.872	ng	0.01
7) Phenol-d6	6.510	99	740655	121.606	ng	0.00
23) Nitrobenzene-d5	7.440	82	495610	83.184	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	187183	118.969	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	886696	84.148	ng	0.00
79) Terphenyl-d14	12.980	244	780644	91.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	70514	37.877	ng	97
3) Pyridine	3.469	79	187785	45.750	ng	97
4) n-Nitrosodimethylamine	3.428	42	136779	38.447	ng	# 81
6) Aniline	6.540	93	239975	52.210	ng	# 84
8) 2-Chlorophenol	6.663	128	206958	43.328	ng	98
9) Benzaldehyde	6.428	77	30356	8.627	ng	96
10) Phenol	6.528	94	276009	44.495	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	205420	43.570	ng	98
12) 1,3-Dichlorobenzene	6.816	146	219205	40.353	ng	98
13) 1,4-Dichlorobenzene	6.893	146	224880	40.966	ng	99
14) 1,2-Dichlorobenzene	7.045	146	213850	41.227	ng	98
15) Benzyl Alcohol	7.022	79	193227	39.765	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	361683	49.777	ng	98
17) 2-Methylphenol	7.134	107	162583	42.841	ng	99
18) Hexachloroethane	7.387	117	83667	40.015	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	152701	42.309	ng	98
20) 3+4-Methylphenols	7.287	107	210114	40.582	ng	# 86
22) Acetophenone	7.287	105	287416	39.251	ng	98
24) Nitrobenzene	7.463	77	241415	39.369	ng	97
25) Isophorone	7.698	82	404048	42.880	ng	99
26) 2-Nitrophenol	7.775	139	107001	44.789	ng	92
27) 2,4-Dimethylphenol	7.810	122	161257	51.171	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	233066	43.400	ng	98
29) 2,4-Dichlorophenol	8.016	162	169292	42.287	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	182835	39.196	ng	98
31) Naphthalene	8.181	128	604996	41.374	ng	100
32) Benzoic acid	7.928	122	103523	35.103	ng	94
33) 4-Chloroaniline	8.234	127	98286	21.971	ng	97
34) Hexachlorobutadiene	8.292	225	120104	37.898	ng	100
35) Caprolactam	8.592	113	38156	30.983	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	187584	40.999	ng	97
37) 2-Methylnaphthalene	8.869	142	389050	41.917	ng	100
38) 1-Methylnaphthalene	8.969	142	360560	39.569	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	183755	41.953	ng	98
41) Hexachlorocyclopentadiene	9.022	237	223833	146.363	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	122698	43.058	ng	99

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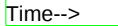
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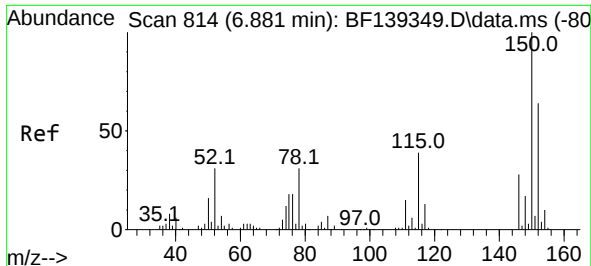
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	128994	42.914	ng	96
46) 1,1'-Biphenyl	9.334	154	478230	42.062	ng	99
47) 2-Chloronaphthalene	9.363	162	356356	41.919	ng	99
48) 2-Nitroaniline	9.457	65	138804	43.898	ng	100
49) Acenaphthylene	9.775	152	597760	46.712	ng	99
50) Dimethylphthalate	9.634	163	424212	43.733	ng	99
51) 2,6-Dinitrotoluene	9.698	165	93340	43.437	ng	93
52) Acenaphthene	9.945	154	425780	47.673	ng	99
53) 3-Nitroaniline	9.869	138	70260	32.717	ng	91
54) 2,4-Dinitrophenol	9.975	184	105245	87.896	ng	89
55) Dibenzofuran	10.122	168	542638	43.591	ng	95
56) 4-Nitrophenol	10.034	139	142183	80.014	ng	82
57) 2,4-Dinitrotoluene	10.104	165	128212	44.194	ng	96
58) Fluorene	10.463	166	420734	41.424	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	109844	44.176	ng	96
60) Diethylphthalate	10.334	149	423638	42.322	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	202274	40.979	ng	98
62) 4-Nitroaniline	10.481	138	95299	40.660	ng	89
63) Azobenzene	10.616	77	432245	43.903	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	65673	44.444	ng	95
66) n-Nitrosodiphenylamine	10.575	169	365789	44.688	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	121088	43.644	ng	96
68) Hexachlorobenzene	11.010	284	136588	41.947	ng	96
69) Atrazine	11.098	200	111988	57.468	ng	98
70) Pentachlorophenol	11.204	266	146358	74.908	ng	99
71) Phenanthrene	11.428	178	591875	43.818	ng	99
72) Anthracene	11.475	178	601706	45.561	ng	99
73) Carbazole	11.633	167	526754	41.674	ng	99
74) Di-n-butylphthalate	11.957	149	591357	41.998	ng	100
75) Fluoranthene	12.610	202	563889	39.091	ng	98
77) Benzidine	12.733	184	146798	73.157	ng	99
78) Pyrene	12.839	202	567952	47.227	ng	99
80) Butylbenzylphthalate	13.457	149	177416	43.342	ng	97
81) Benzo(a)anthracene	14.027	228	416961	44.944	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	98860	36.387	ng	98
83) Chrysene	14.063	228	377518	44.230	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	209167	40.168	ng	99
85) Di-n-octyl phthalate	14.627	149	328613	42.851	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	455930	50.102	ng	97
88) Benzo(b)fluoranthene	15.074	252	393238	41.664	ng	98
89) Benzo(k)fluoranthene	15.110	252	354826	40.774	ng	99
90) Benzo(a)pyrene	15.445	252	365778	46.729	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	368667	49.028	ng	98
92) Benzo(g,h,i)perylene	17.433	276	349739	46.974	ng	96

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

PB163646BS

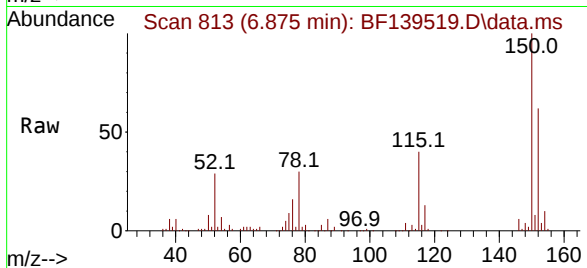
Response via : Initial Calibration



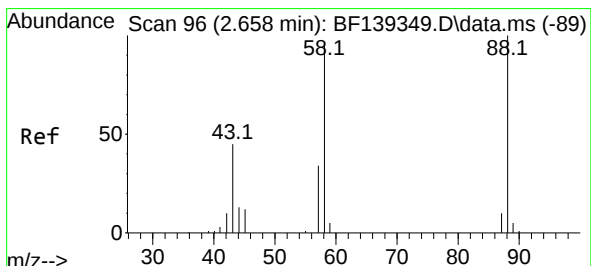
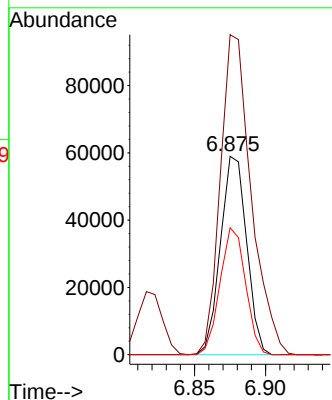
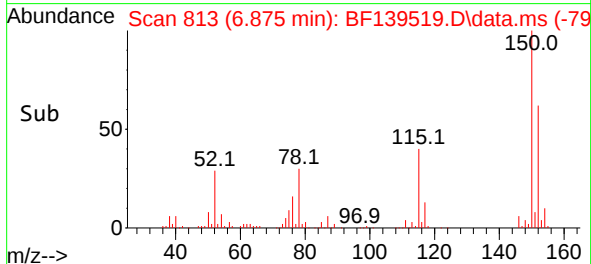


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139519.D
 Acq: 24 Sep 2024 14:26

Instrument :
 BNA_F
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 PB163646BS

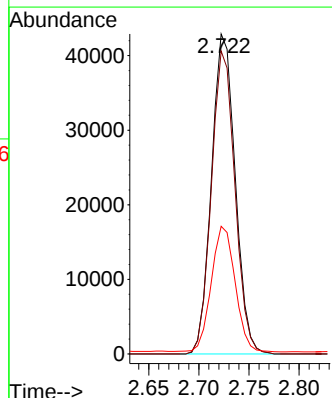
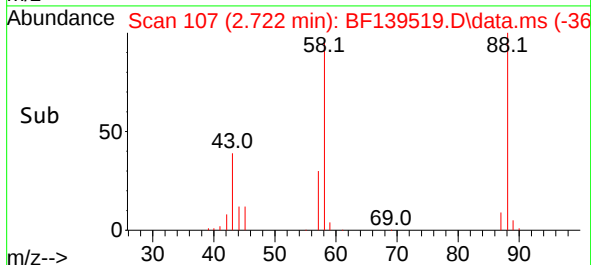
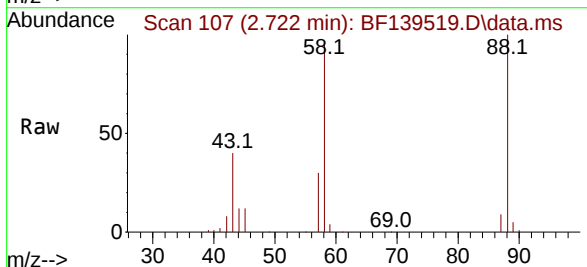


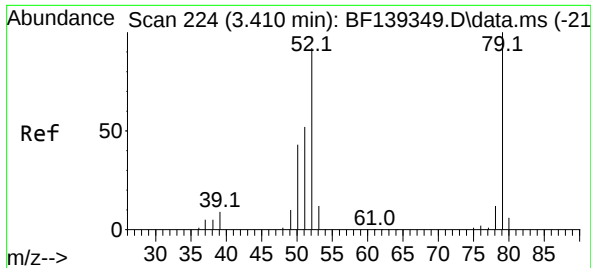
Tgt Ion:152 Resp: 75698
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.1 186.1
 115 63.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.877 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.065 min
 Lab File: BF139519.D
 Acq: 24 Sep 2024 14:26

Tgt Ion: 88 Resp: 70514
 Ion Ratio Lower Upper
 88 100
 58 94.2 74.8 112.2
 43 39.5 36.4 54.6





#3

Pyridine

Concen: 45.750 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

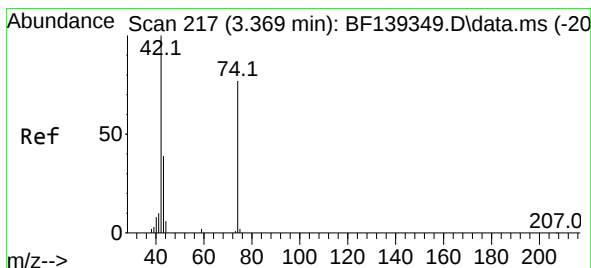
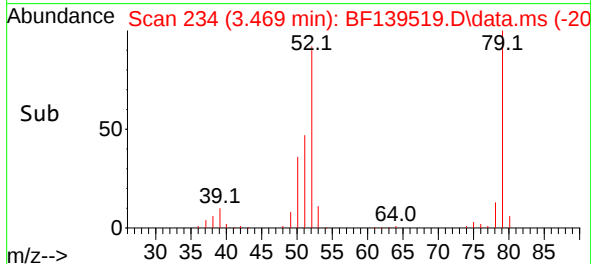
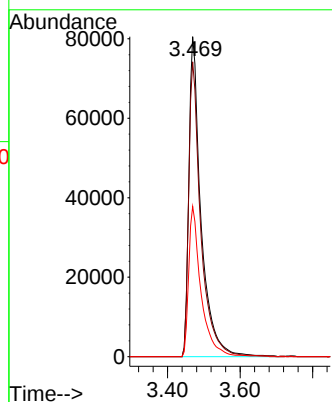
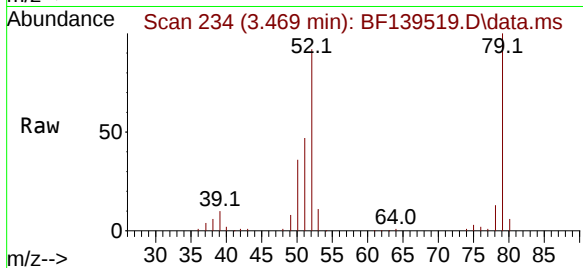
Tgt Ion: 79 Resp: 187785

Ion Ratio Lower Upper

79 100

52 92.2 73.8 110.8

51 46.9 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 38.447 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.059 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

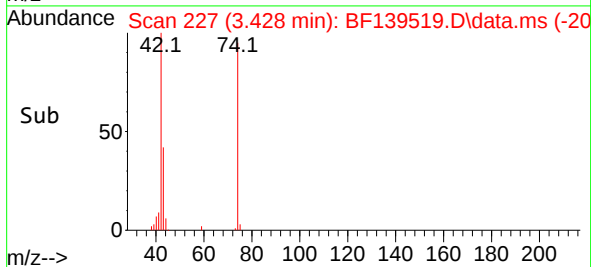
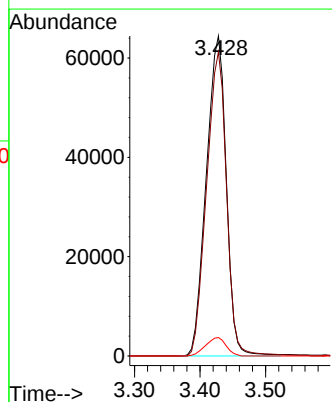
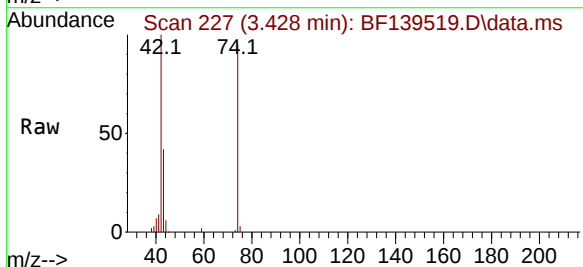
Tgt Ion: 42 Resp: 136779

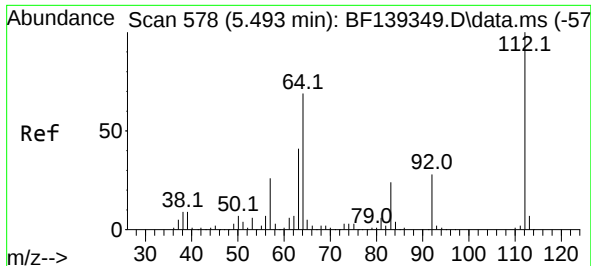
Ion Ratio Lower Upper

42 100

74 95.0 61.8 92.8#

44 5.8 4.8 7.2

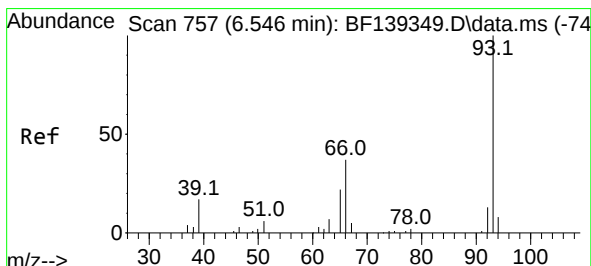
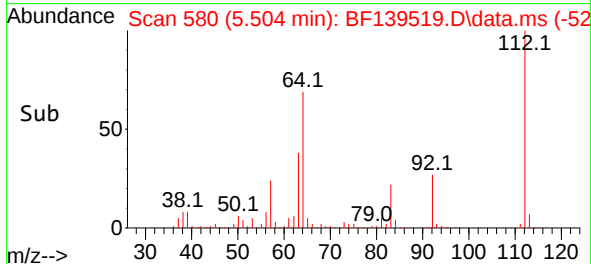
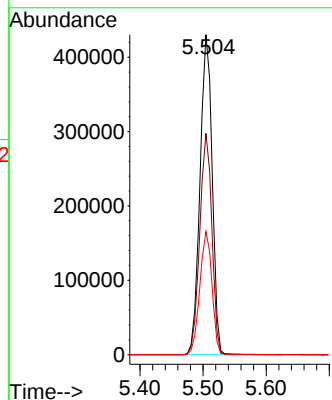
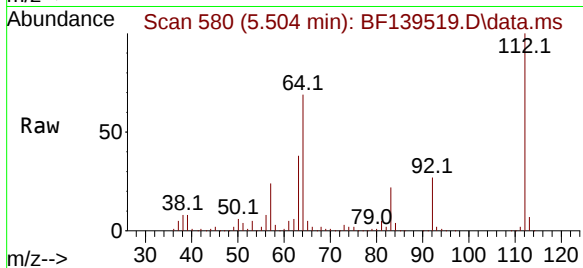




#5
2-Fluorophenol
Concen: 123.872 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

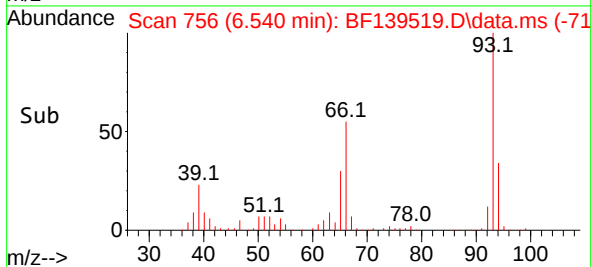
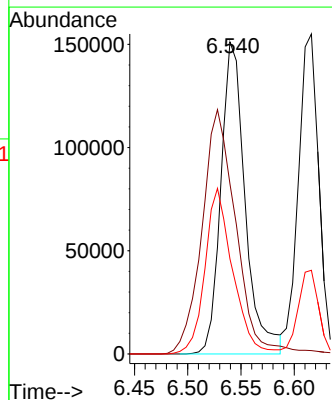
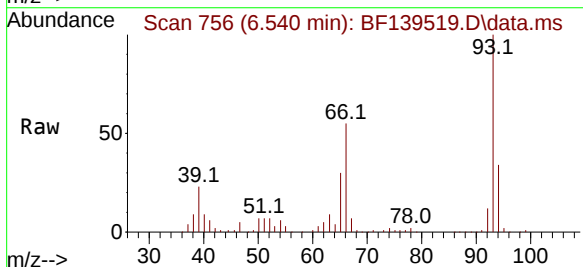
Instrument :
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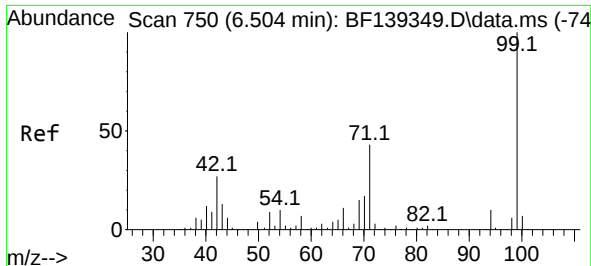
Tgt Ion:112 Resp: 574792
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.5 33.0 49.4



#6
Aniline
Concen: 52.210 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion: 93 Resp: 239975
Ion Ratio Lower Upper
93 100
66 54.5 35.4 53.0#
65 30.5 18.2 27.4#

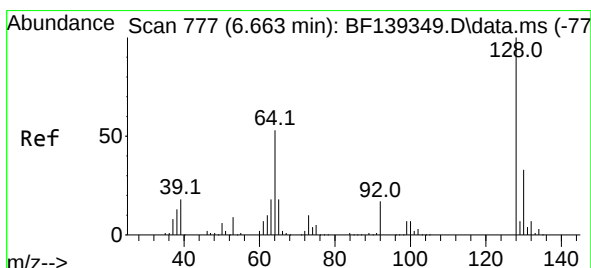
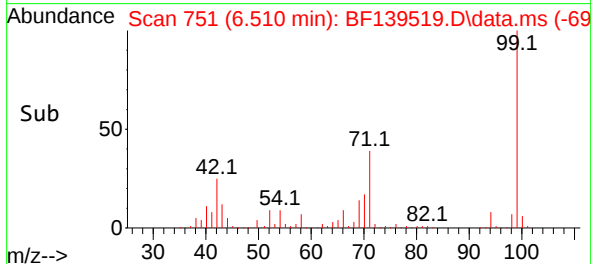
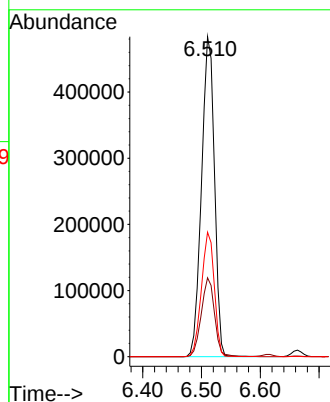
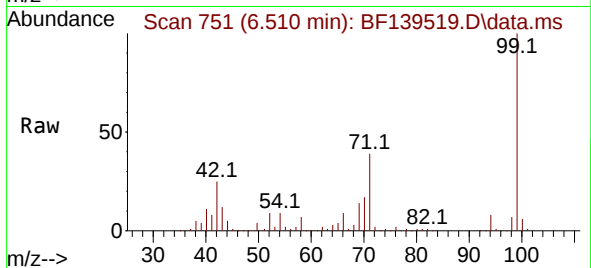




#7
Phenol-d6
Concen: 121.606 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

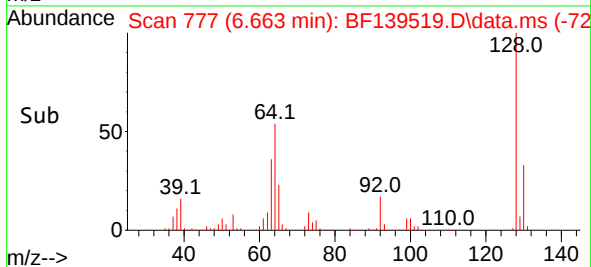
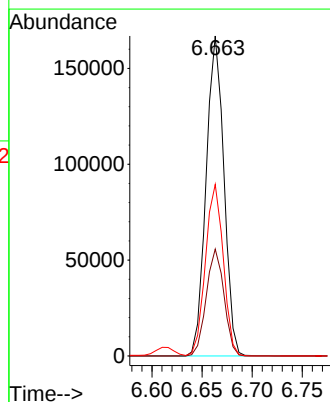
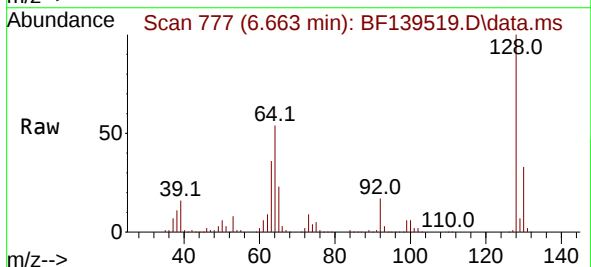
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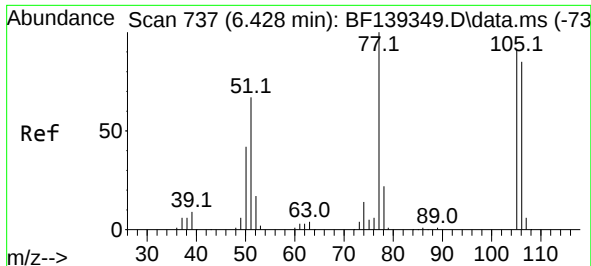
Tgt Ion: 99 Resp: 740655
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#8
2-Chlorophenol
Concen: 43.328 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:128 Resp: 206958
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 53.6 35.1 75.1





#9

Benzaldehyde

Concen: 8.627 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

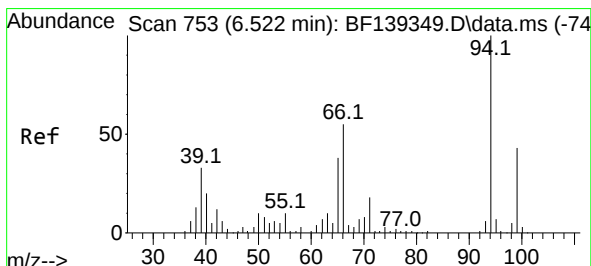
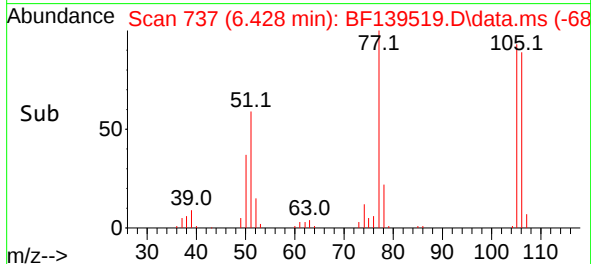
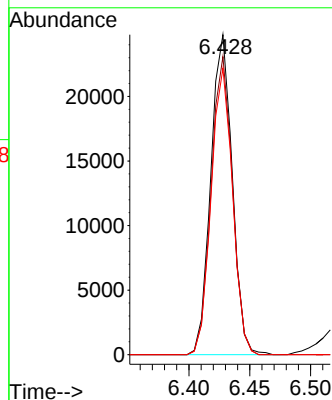
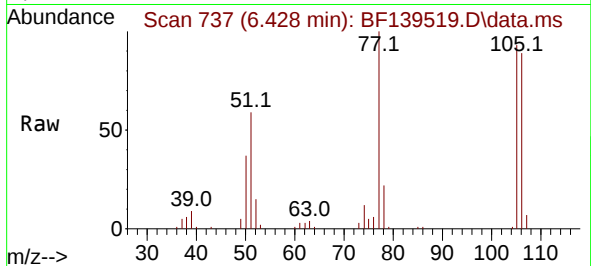
Tgt Ion: 77 Resp: 30356

Ion Ratio Lower Upper

77 100

105 93.2 71.0 111.0

106 89.5 64.9 104.9



#10

Phenol

Concen: 44.495 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

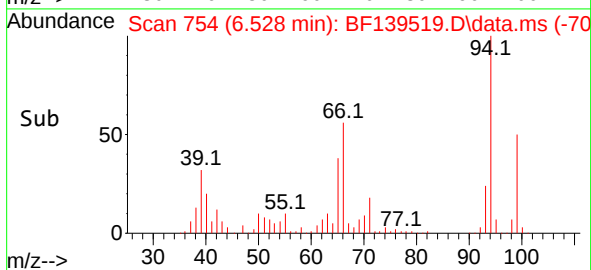
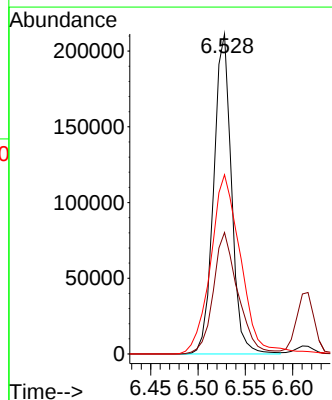
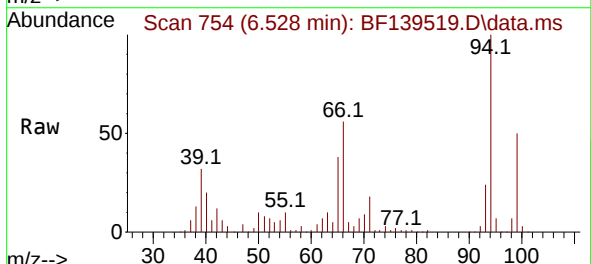
Tgt Ion: 94 Resp: 276009

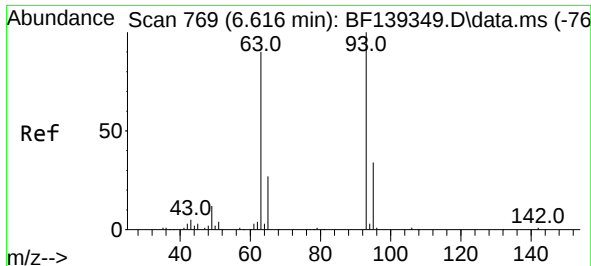
Ion Ratio Lower Upper

94 100

65 38.0 17.6 57.6

66 56.0 35.2 75.2

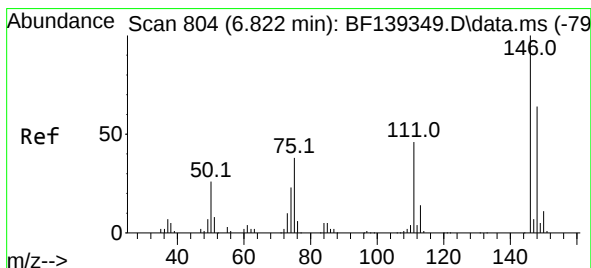
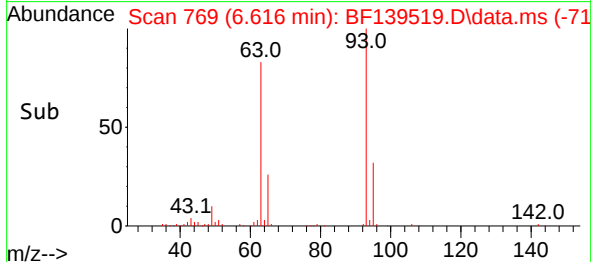
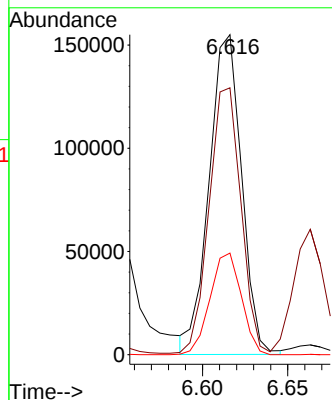
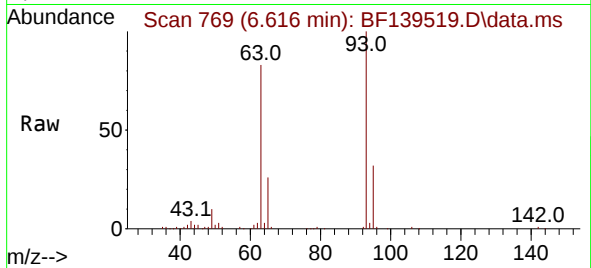




#11
bis(2-Chloroethyl)ether
Concen: 43.570 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

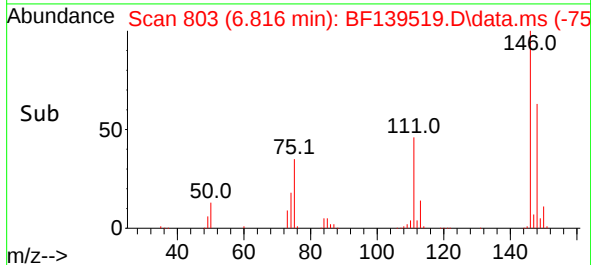
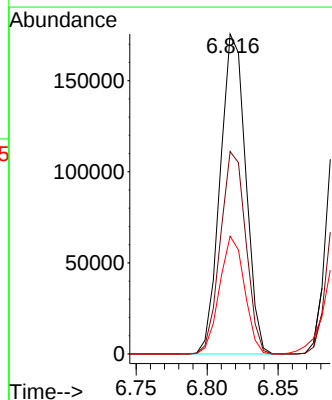
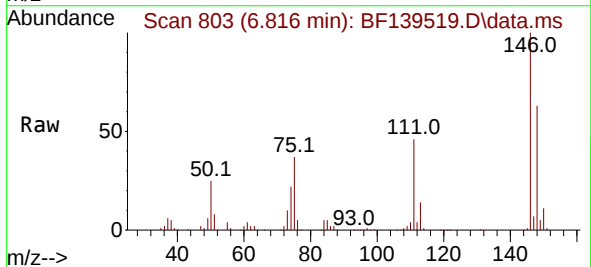
Instrument :
BNA_F
ClientSampleId :
PB163646BS

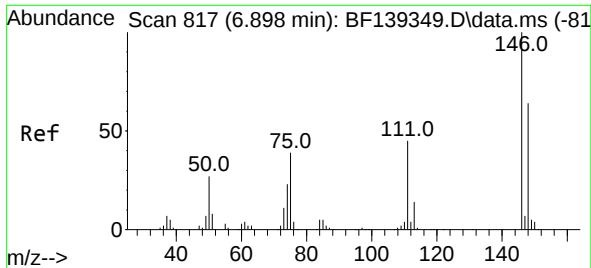
Tgt Ion: 93 Resp: 205420
Ion Ratio Lower Upper
93 100
63 83.4 65.3 105.3
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.353 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion: 146 Resp: 219205
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 36.8 30.6 46.0

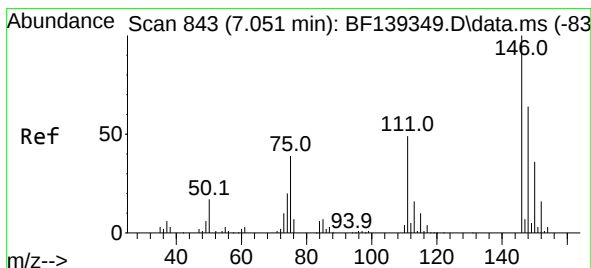
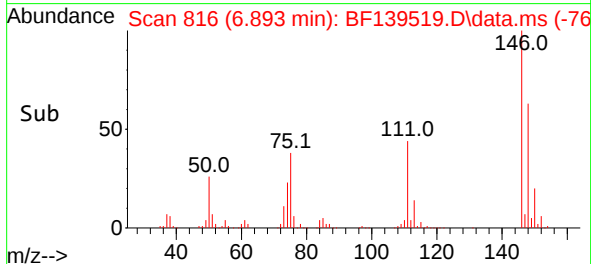
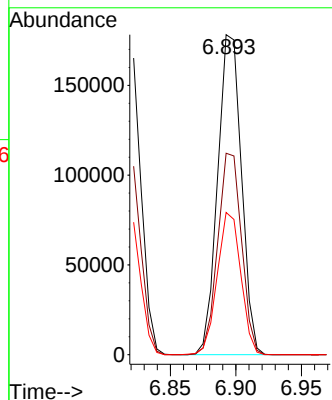
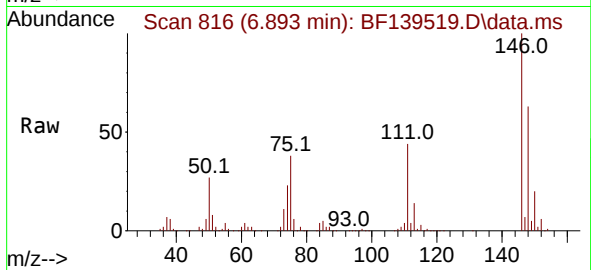




#13
1,4-Dichlorobenzene
Concen: 40.966 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

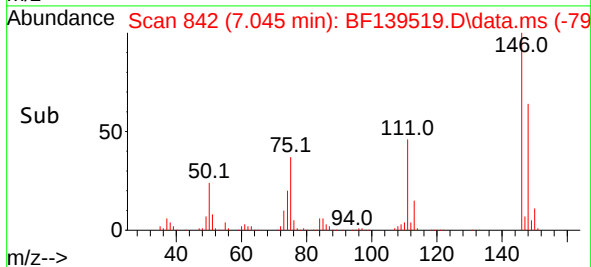
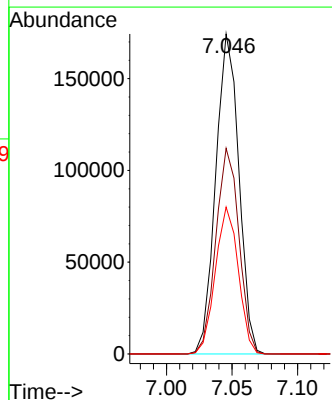
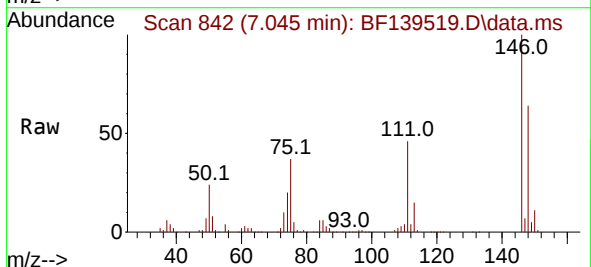
Instrument :
BNA_F
ClientSampleId :
PB163646BS

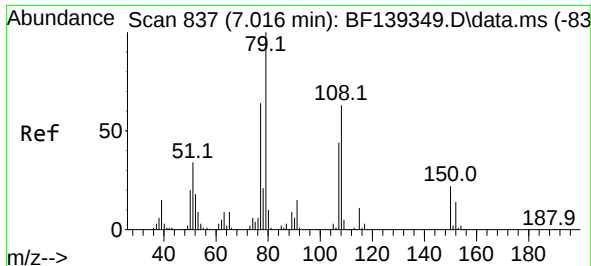
Tgt Ion:146 Resp: 224880
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 44.4 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 41.227 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:146 Resp: 213850
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 45.9 38.9 58.3

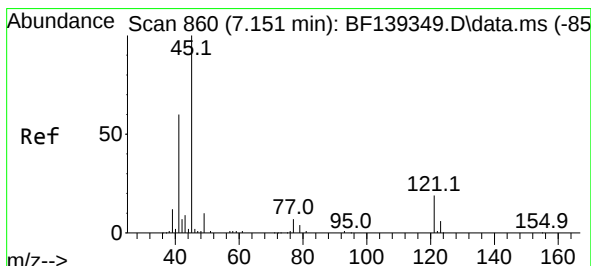
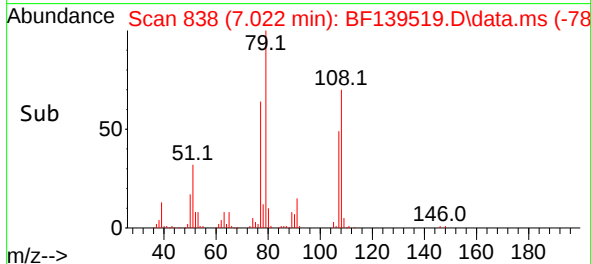
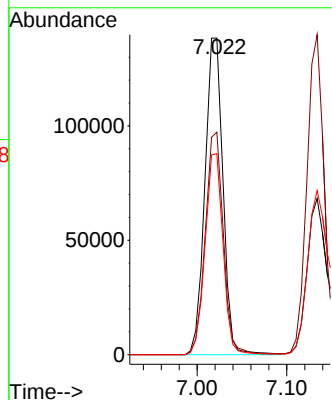
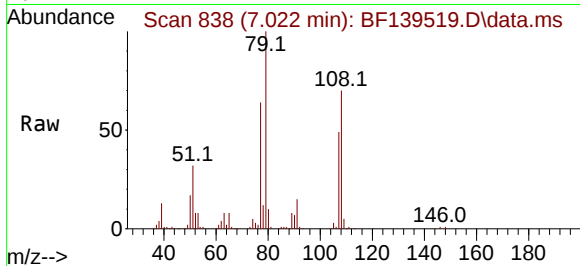




#15
Benzyl Alcohol
Concen: 39.765 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

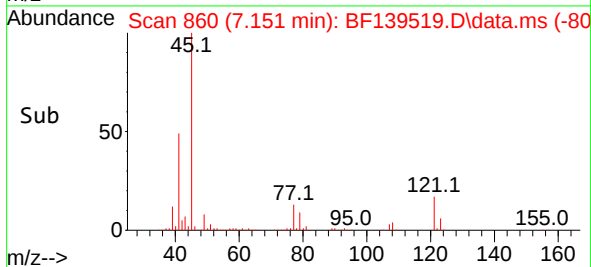
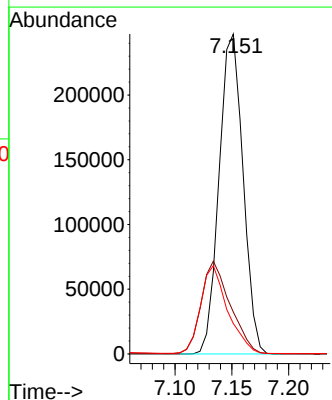
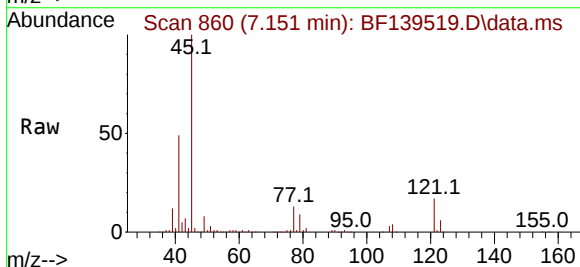
Instrument :
BNA_F
ClientSampleId :
PB163646BS

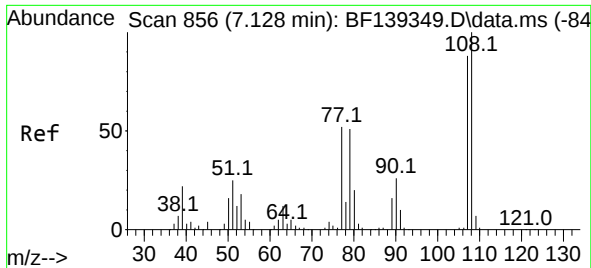
Tgt Ion: 79 Resp: 193227
Ion Ratio Lower Upper
79 100
108 70.3 50.4 75.6
77 63.5 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.777 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion: 45 Resp: 361683
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 9.5 0.0 29.1

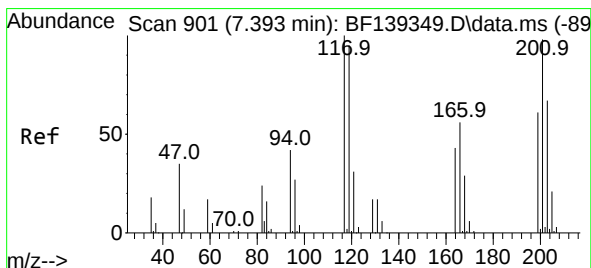
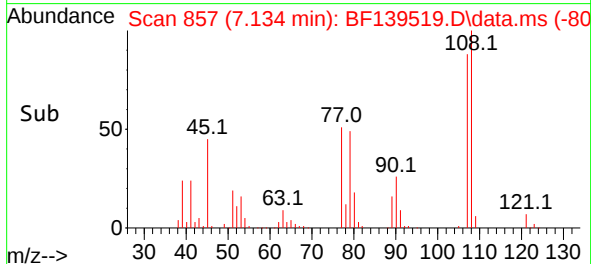
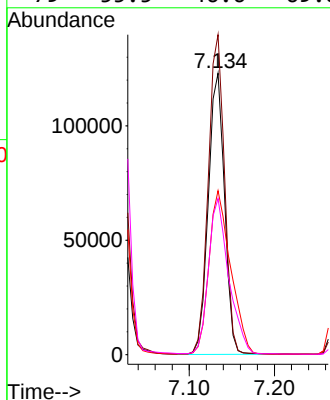
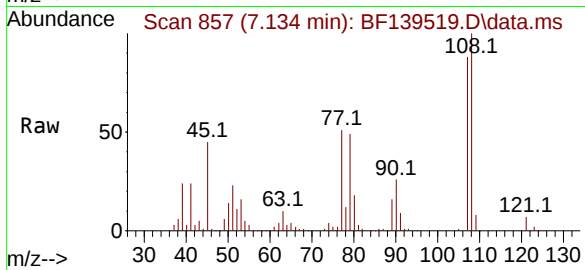




#17
2-Methylphenol
Concen: 42.841 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

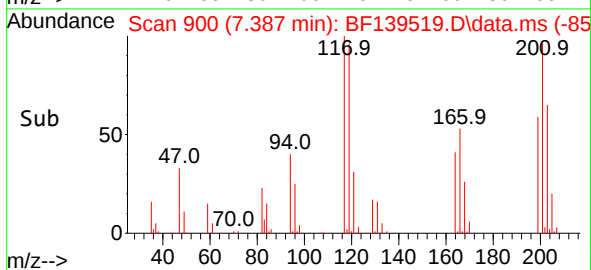
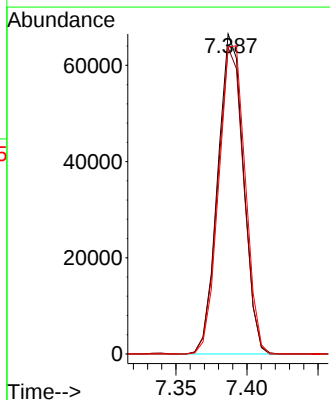
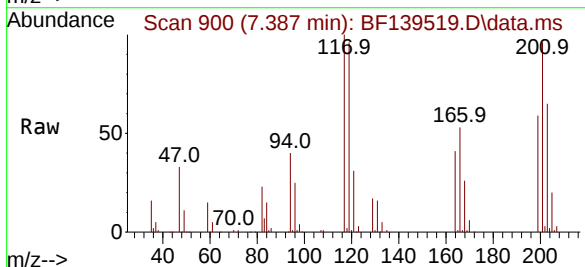
Instrument :
BNA_F
ClientSampleId :
PB163646BS

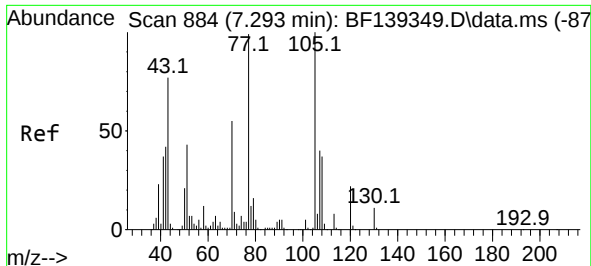
Tgt Ion:107 Resp: 162583
Ion Ratio Lower Upper
107 100
108 113.7 90.5 135.7
77 58.3 47.1 70.7
79 55.5 46.6 69.8



#18
Hexachloroethane
Concen: 40.015 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:117 Resp: 83667
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 95.9 78.6 118.0



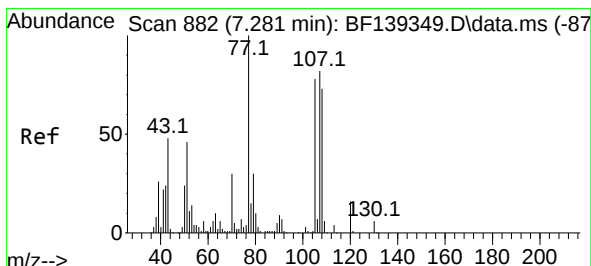
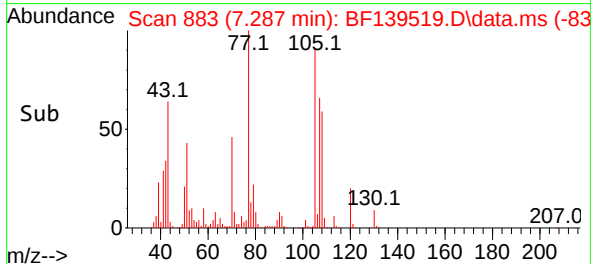
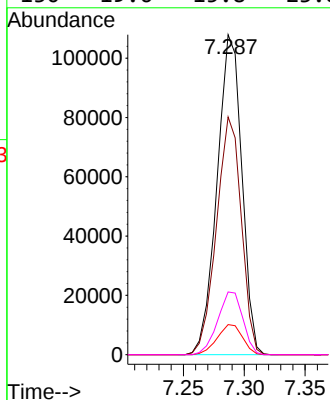
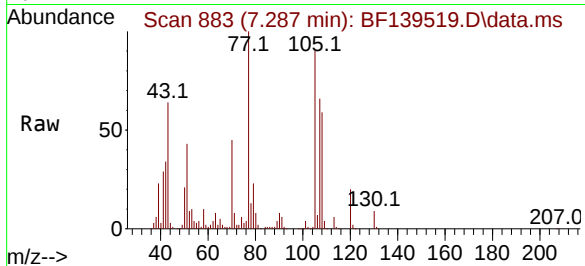


#19
n-Nitroso-di-n-propylamine
Concen: 42.309 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB163646BS

Tgt Ion: 70 Resp: 152701

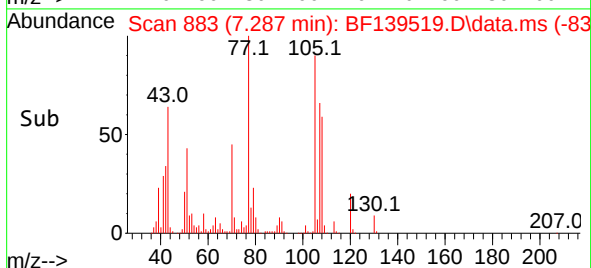
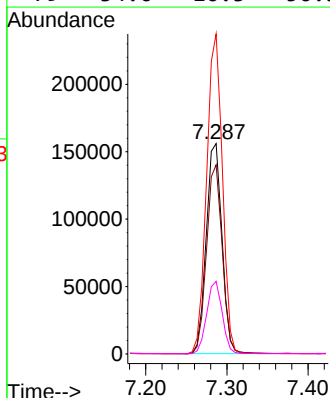
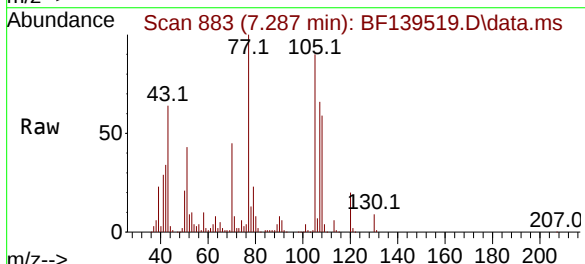
Ion	Ratio	Lower	Upper
70	100		
42	74.3	61.2	91.8
101	9.4	7.5	11.3
130	19.6	15.8	23.8

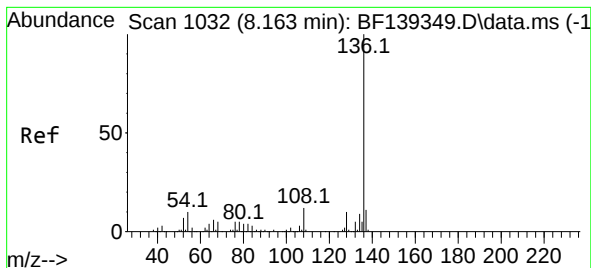


#20
3+4-Methylphenols
Concen: 40.582 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion: 107 Resp: 210114

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.6	108.6
77	152.1	101.6	141.6#
79	34.6	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

Tgt Ion:136 Resp: 280095

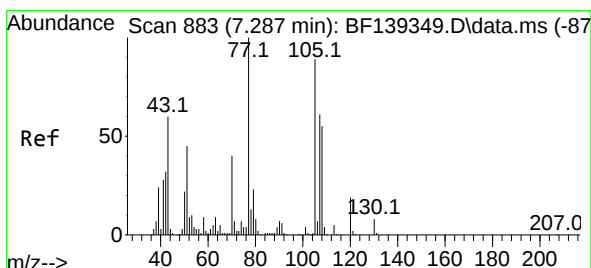
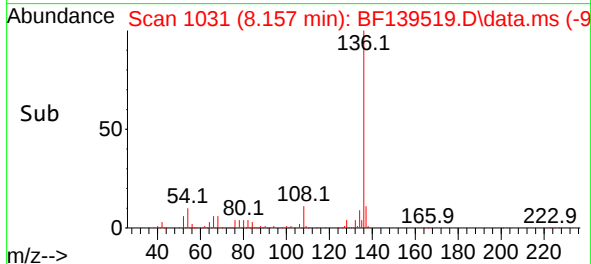
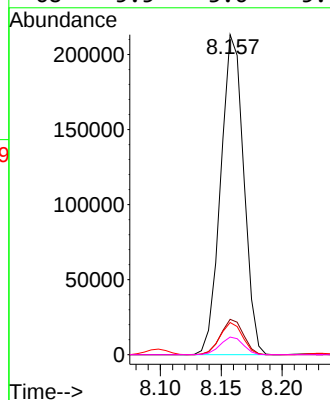
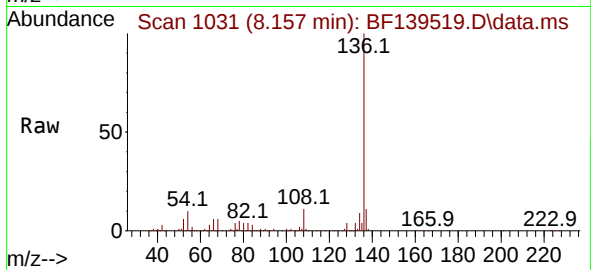
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 10.1 7.8 11.8

68 5.5 3.6 5.4#



#22

Acetophenone

Concen: 39.251 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Tgt Ion:105 Resp: 287416

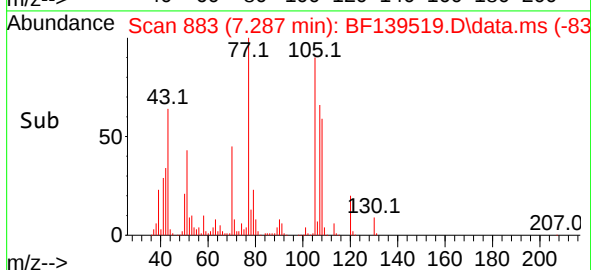
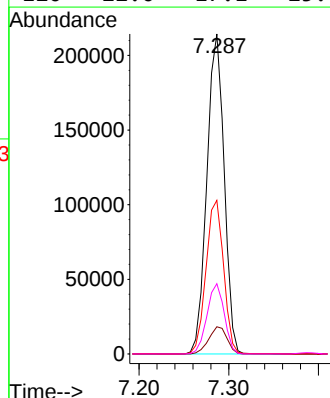
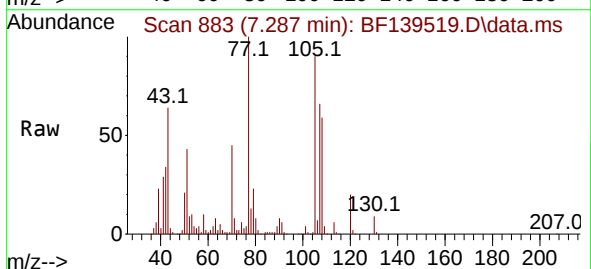
Ion Ratio Lower Upper

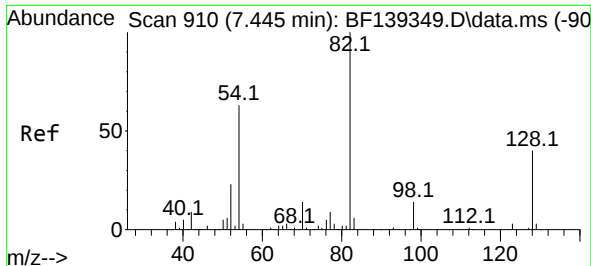
105 100

71 8.5 5.9 8.9

51 48.0 40.0 60.0

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 83.184 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

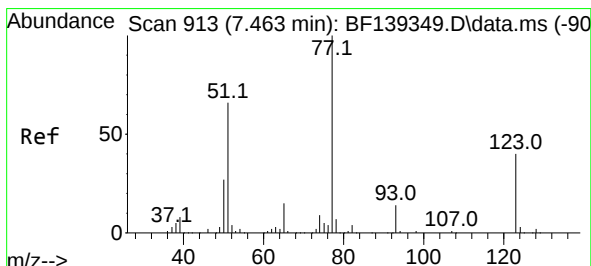
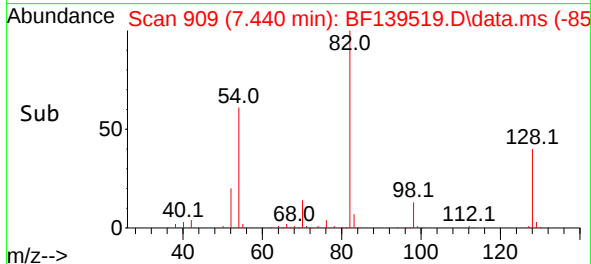
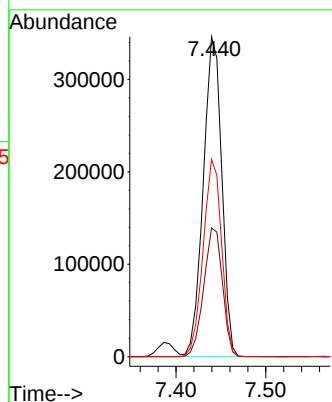
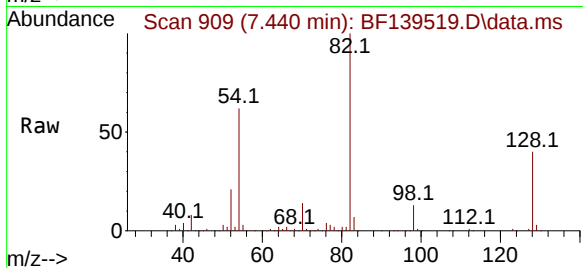
Tgt Ion: 82 Resp: 495610

Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

54 61.7 50.6 75.8



#24

Nitrobenzene

Concen: 39.369 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

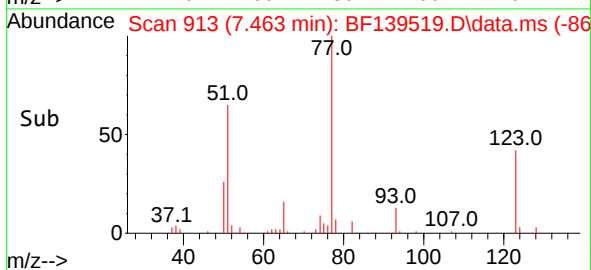
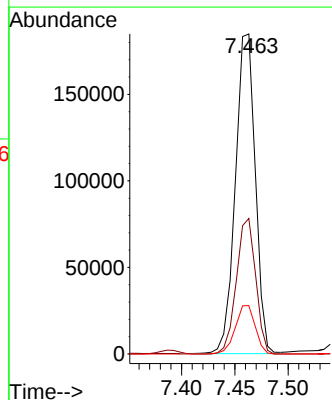
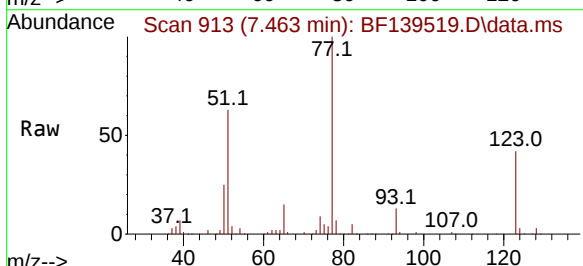
Tgt Ion: 77 Resp: 241415

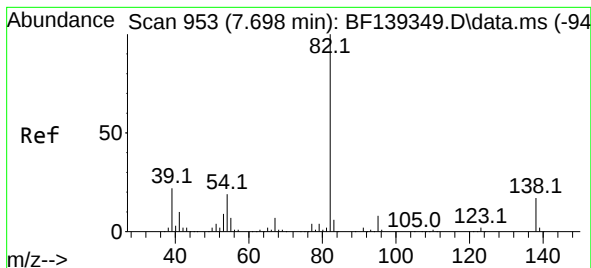
Ion Ratio Lower Upper

77 100

123 42.4 32.2 48.4

65 15.1 12.2 18.4





#25

Isophorone

Concen: 42.880 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

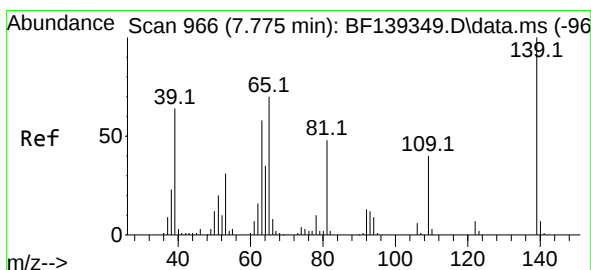
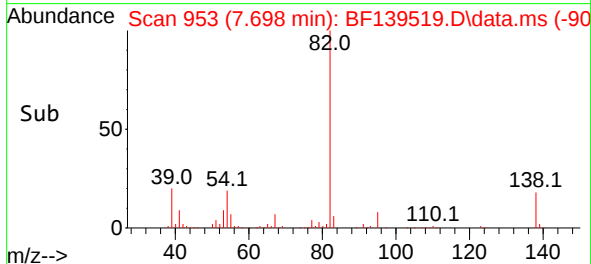
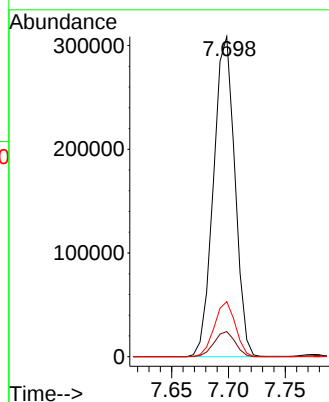
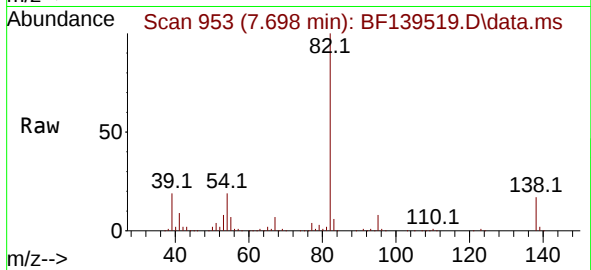
Tgt Ion: 82 Resp: 404048

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

138 17.2 13.3 19.9



#26

2-Nitrophenol

Concen: 44.789 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

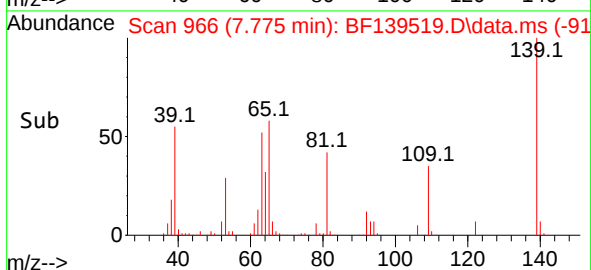
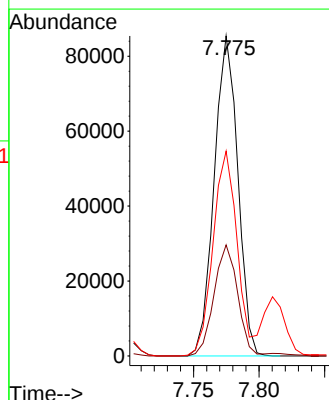
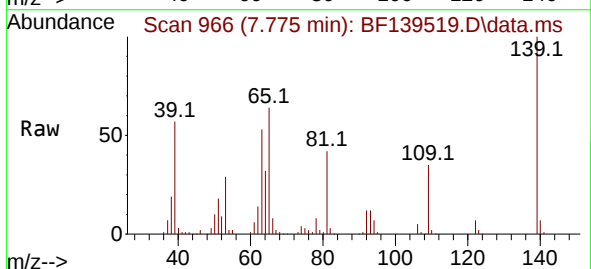
Tgt Ion:139 Resp: 107001

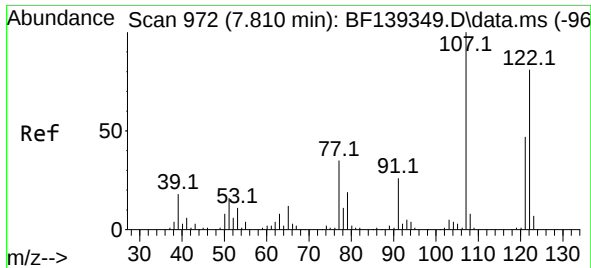
Ion Ratio Lower Upper

139 100

109 34.7 32.2 48.2

65 64.0 55.8 83.8

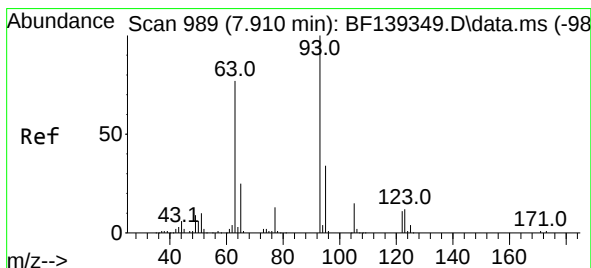
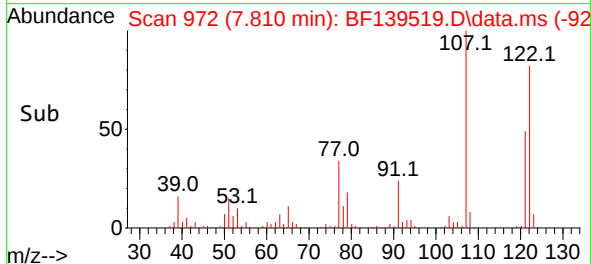
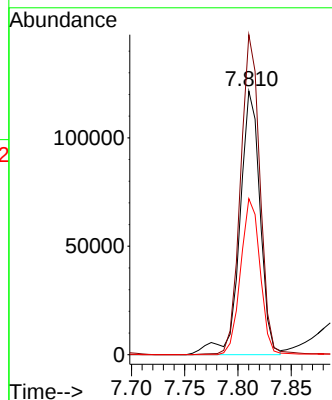
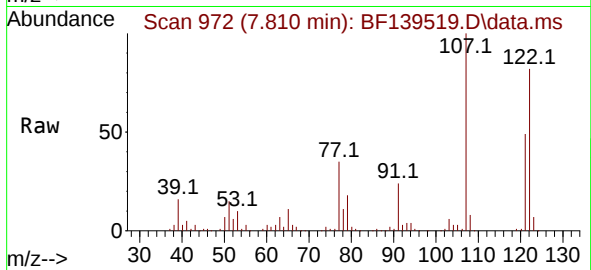




#27
2,4-Dimethylphenol
Concen: 51.171 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

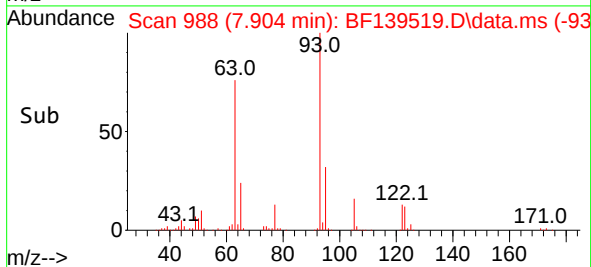
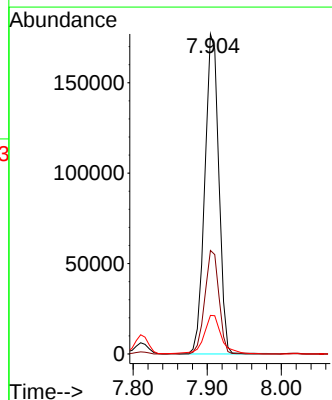
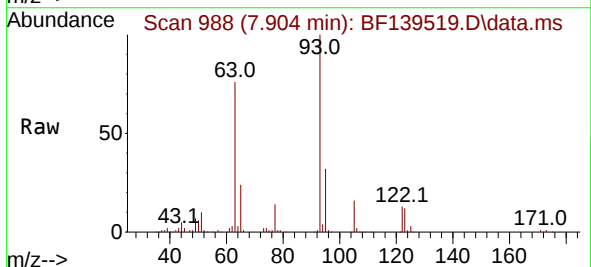
Instrument :
BNA_F
ClientSampleId :
PB163646BS

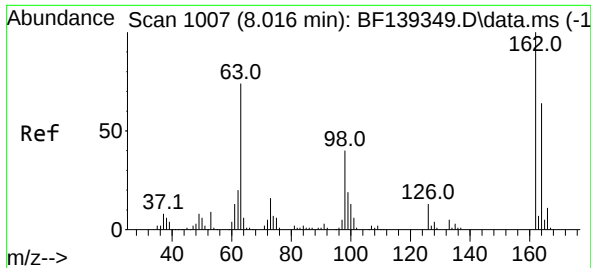
Tgt Ion:122 Resp: 161257
Ion Ratio Lower Upper
122 100
107 121.3 99.1 148.7
121 59.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.400 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion: 93 Resp: 233066
Ion Ratio Lower Upper
93 100
95 32.4 26.9 40.3
123 12.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.287 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

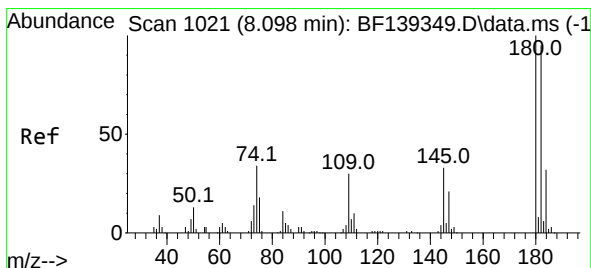
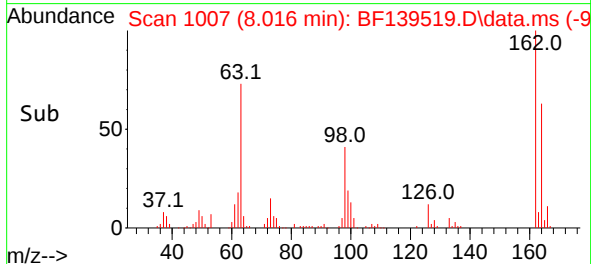
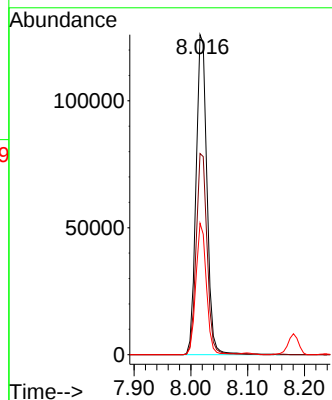
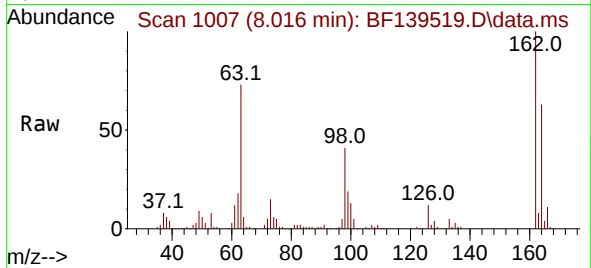
Tgt Ion:162 Resp: 169292

Ion Ratio Lower Upper

162 100

164 62.9 43.6 83.6

98 41.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 39.196 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

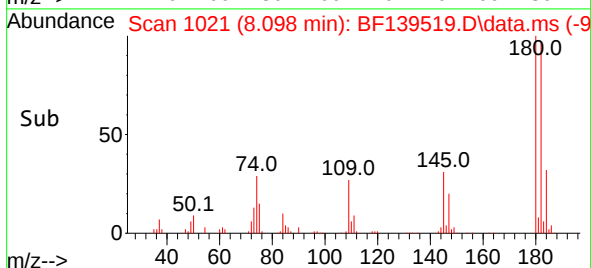
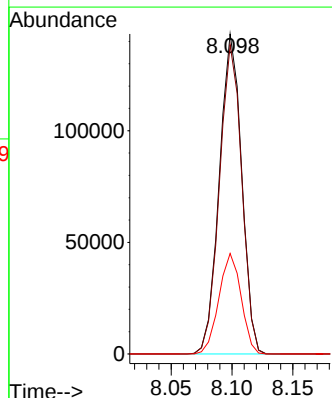
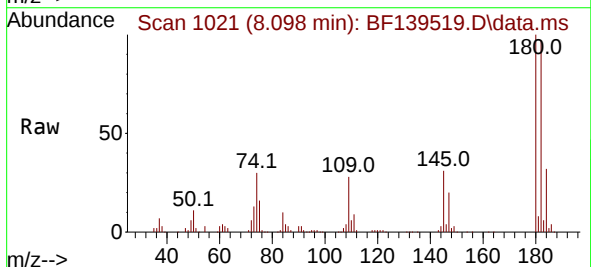
Tgt Ion:180 Resp: 182835

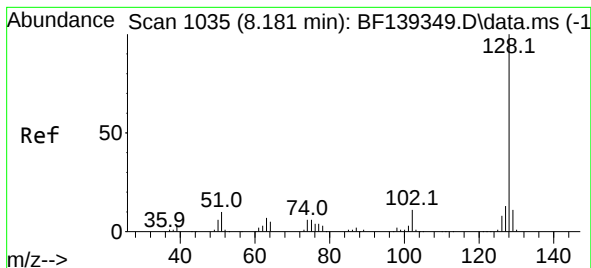
Ion Ratio Lower Upper

180 100

182 96.7 75.7 113.5

145 31.4 26.5 39.7





#31

Naphthalene

Concen: 41.374 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

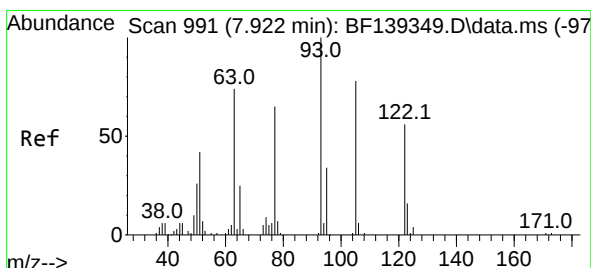
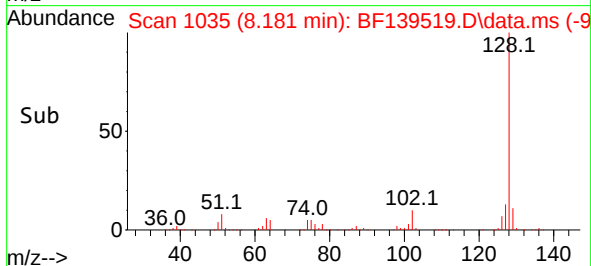
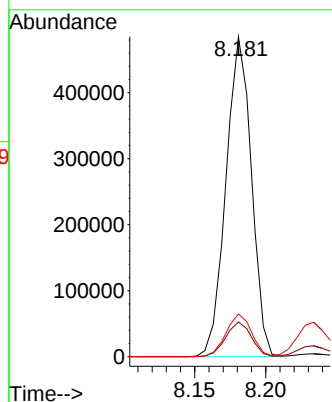
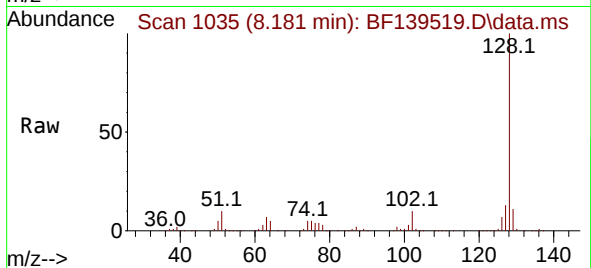
Tgt Ion:128 Resp: 604996

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 35.103 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

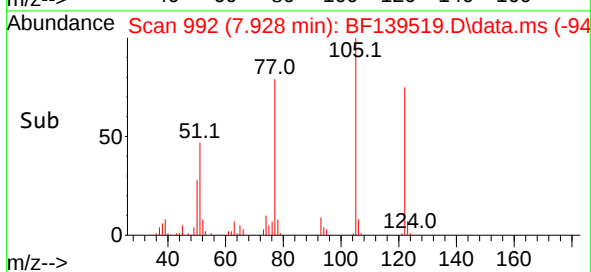
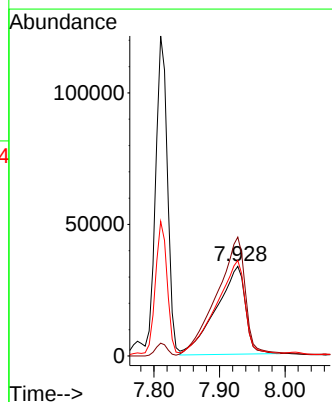
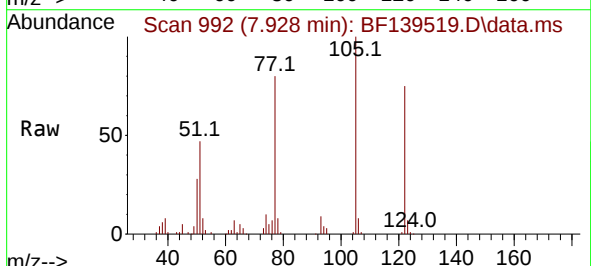
Tgt Ion:122 Resp: 103523

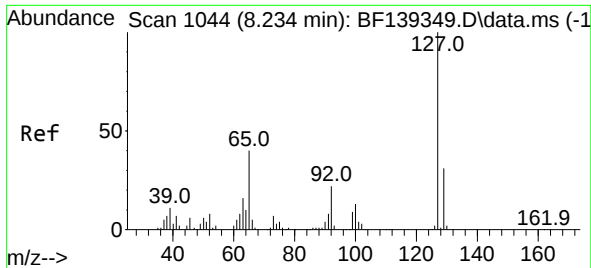
Ion Ratio Lower Upper

122 100

105 132.6 117.1 157.1

77 106.5 95.4 135.4

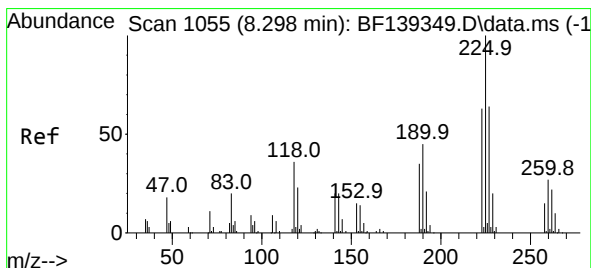
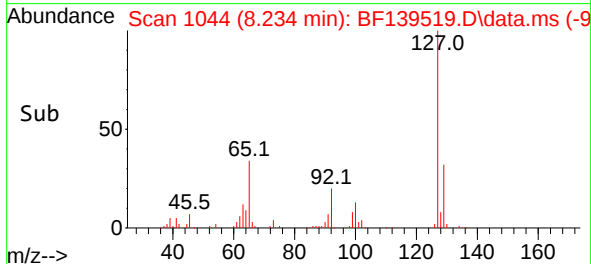
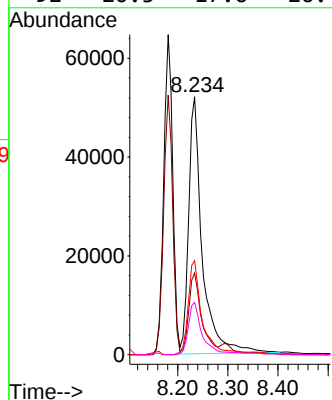
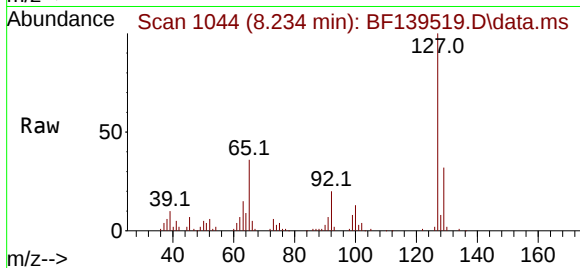




#33
4-Chloroaniline
Concen: 21.971 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

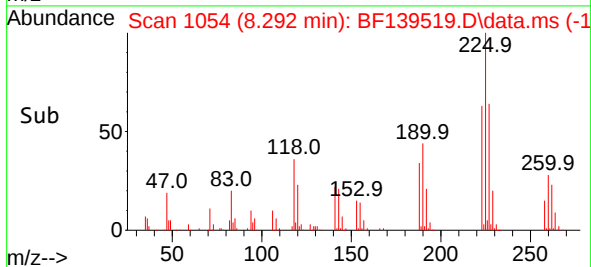
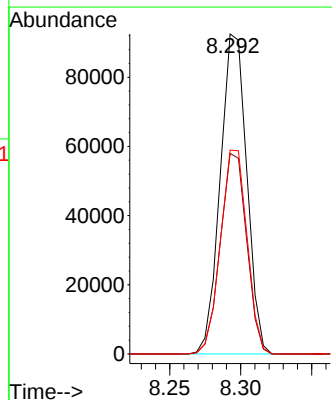
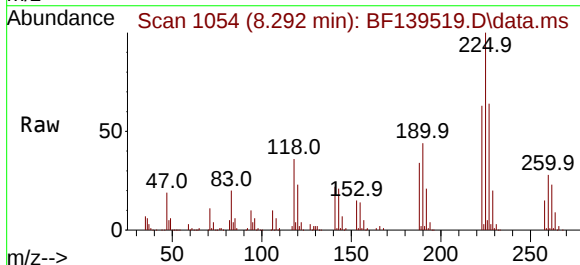
Instrument :
BNA_F
ClientSampleId :
PB163646BS

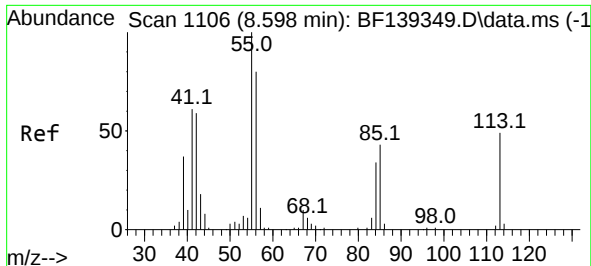
Tgt Ion:	127	Resp:	98286
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.5	38.3
65	36.4	31.5	47.3
92	20.3	17.6	26.4



#34
Hexachlorobutadiene
Concen: 37.898 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:	225	Resp:	120104
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.1	75.1
227	63.7	51.0	76.6

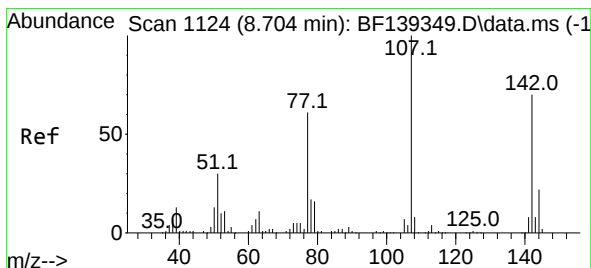
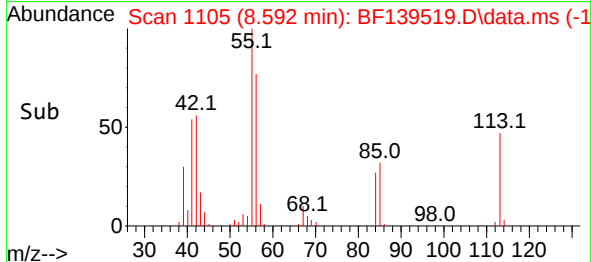
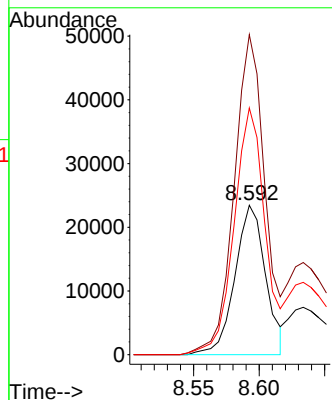
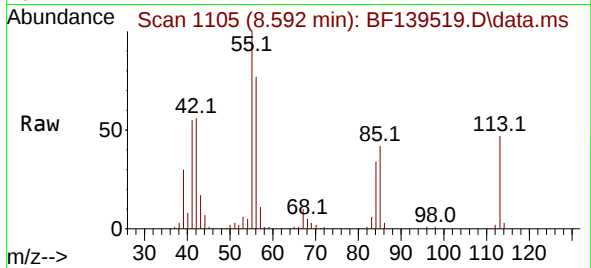




#35
Caprolactam
Concen: 30.983 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

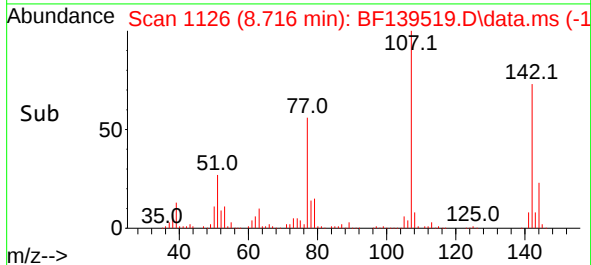
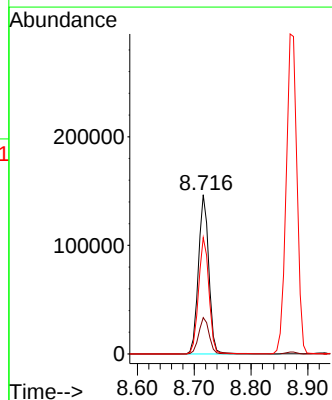
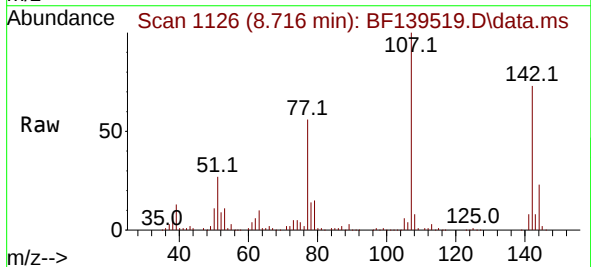
Instrument :
BNA_F
ClientSampleId :
PB163646BS

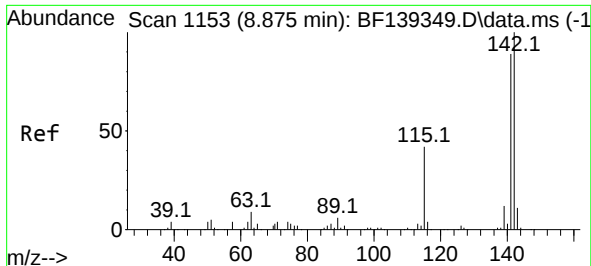
Tgt Ion:113 Resp: 38156
Ion Ratio Lower Upper
113 100
55 214.2 186.1 226.1
56 165.1 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 40.999 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:107 Resp: 187584
Ion Ratio Lower Upper
107 100
144 22.8 17.5 26.3
142 73.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 41.917 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

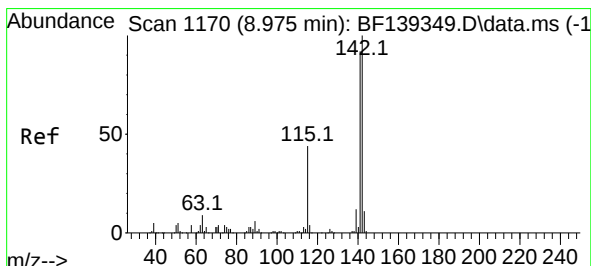
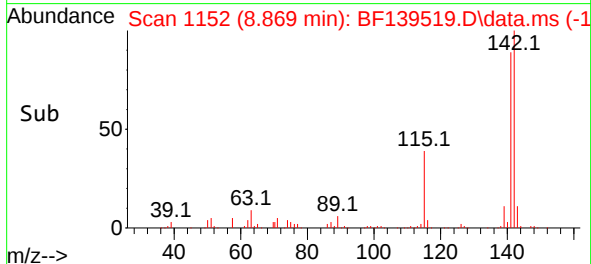
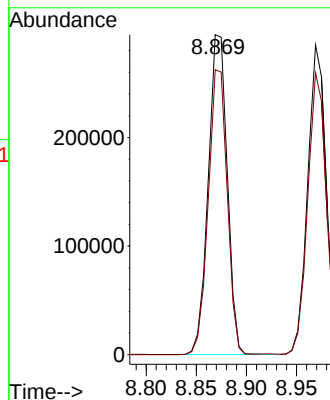
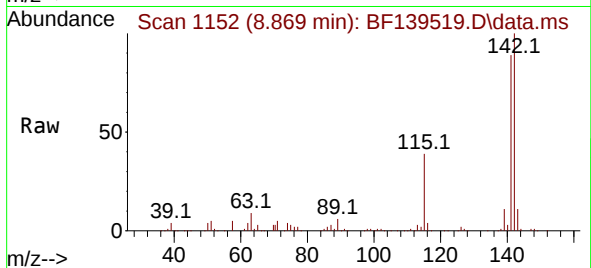
PB163646BS

Tgt Ion:142 Resp: 389050

Ion Ratio Lower Upper

142 100

141 89.1 71.6 107.4



#38

1-Methylnaphthalene

Concen: 39.569 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139519.D

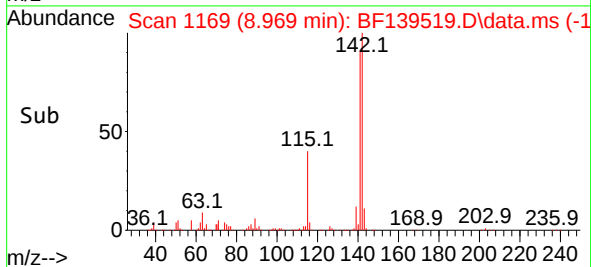
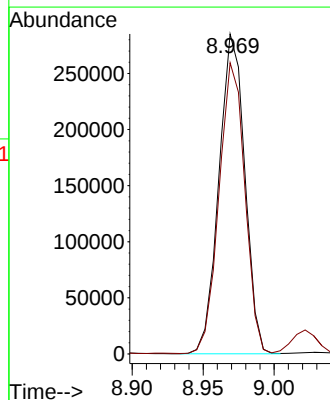
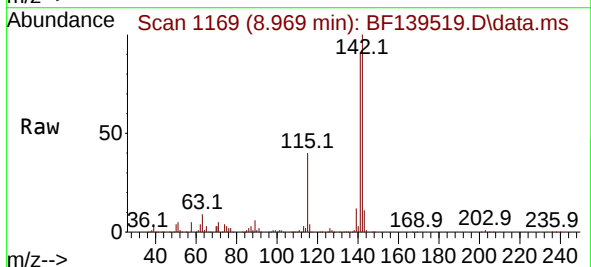
Acq: 24 Sep 2024 14:26

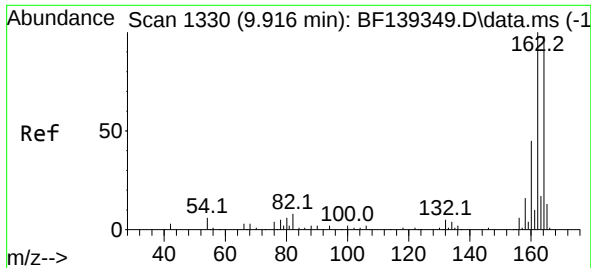
Tgt Ion:142 Resp: 360560

Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

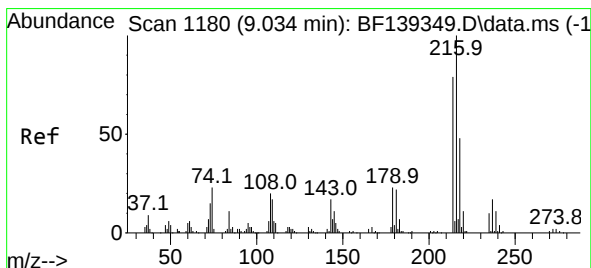
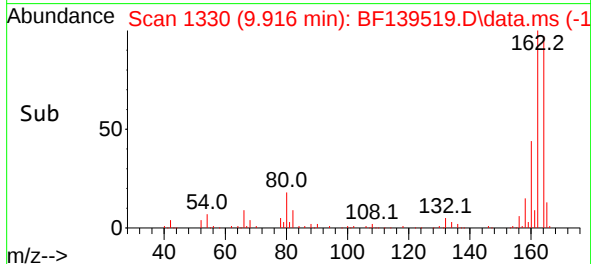
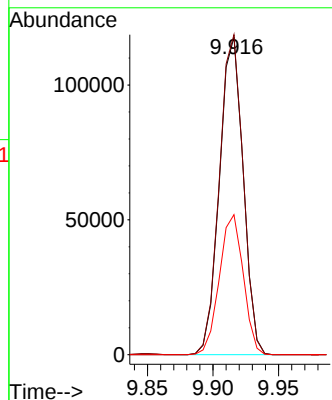
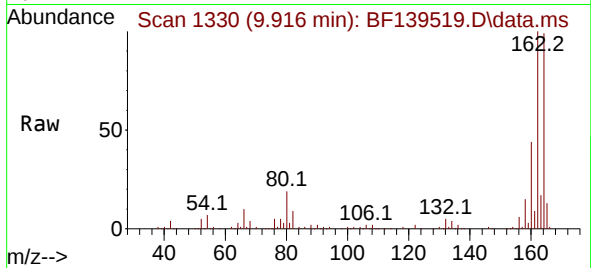




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

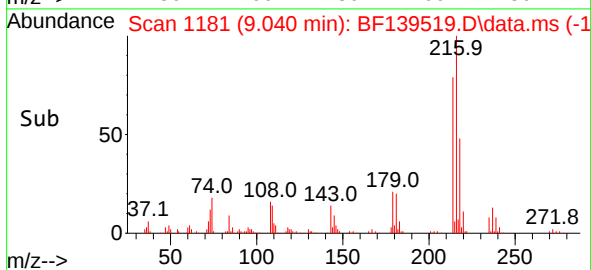
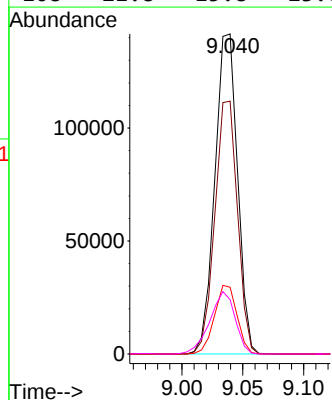
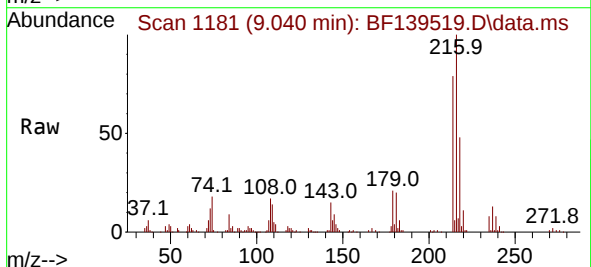
Instrument :
BNA_F
ClientSampleId :
PB163646BS

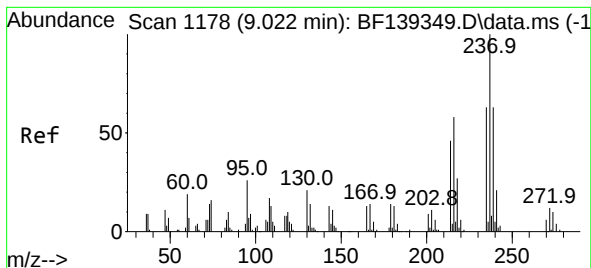
Tgt Ion:164 Resp: 147788
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.1 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.953 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:216 Resp: 183755
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 21.3 18.2 27.2
108 21.8 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 146.363 ng

RT: 9.022 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

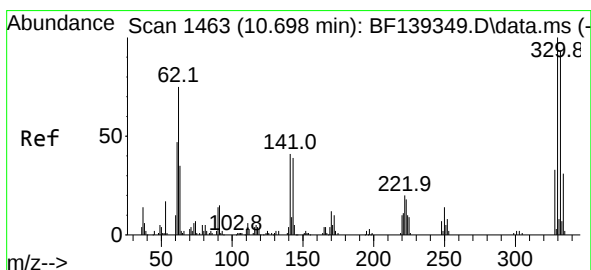
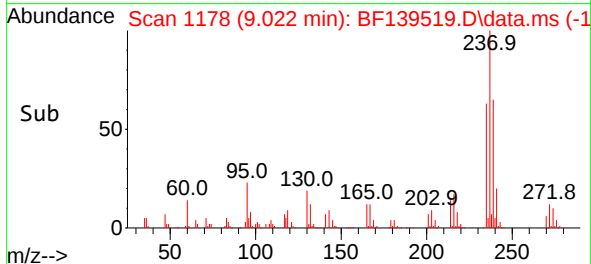
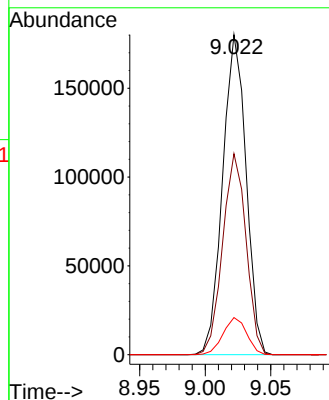
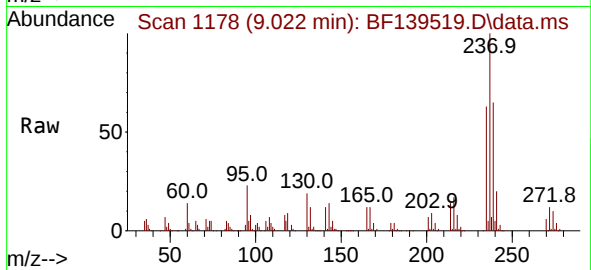
Tgt Ion:237 Resp: 223833

Ion Ratio Lower Upper

237 100

235 62.8 42.7 82.7

272 11.6 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 118.969 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

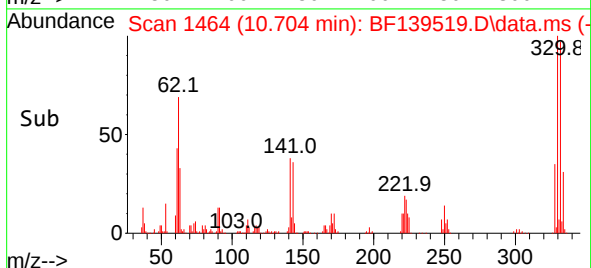
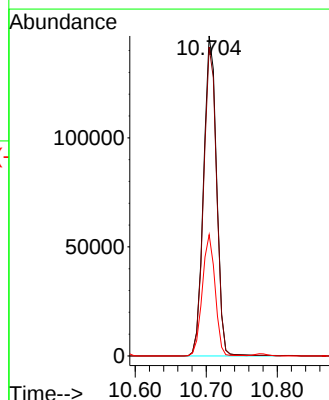
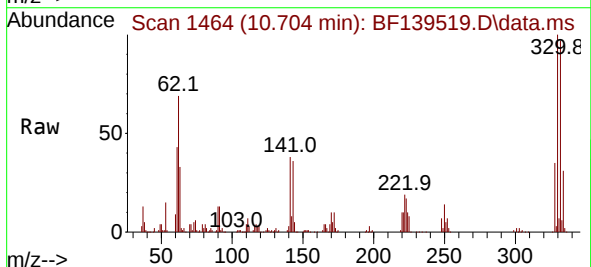
Tgt Ion:330 Resp: 187183

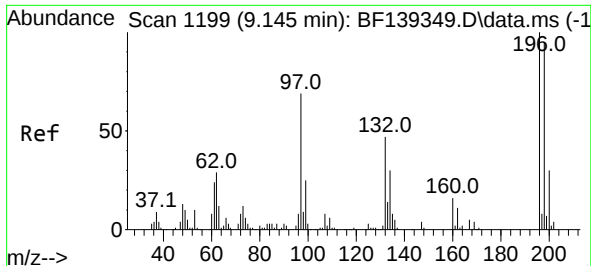
Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 37.4 31.2 46.8

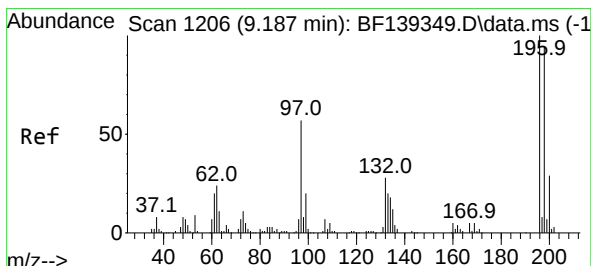
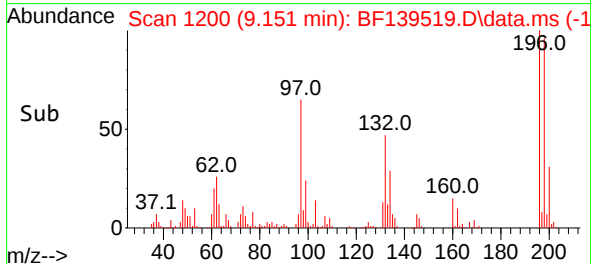
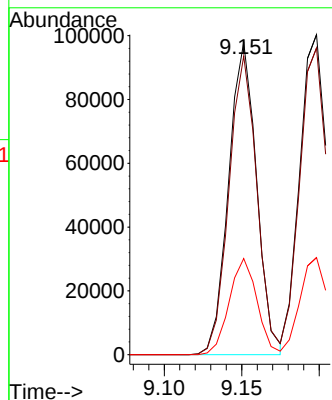
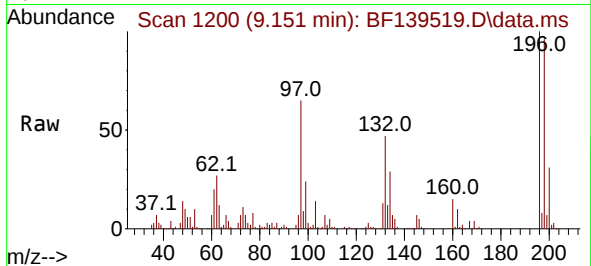




#43
2,4,6-Trichlorophenol
Concen: 43.058 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

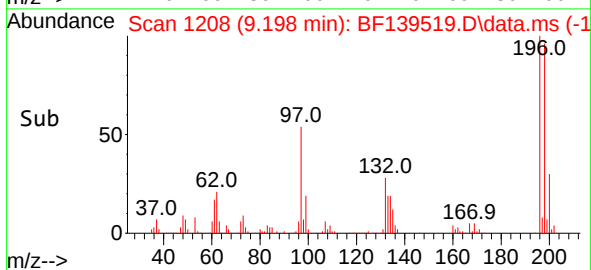
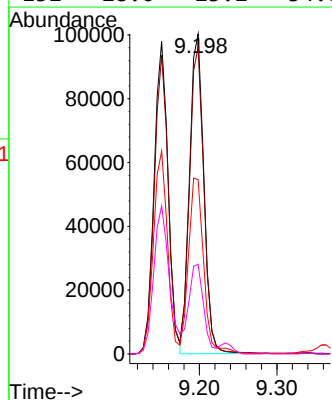
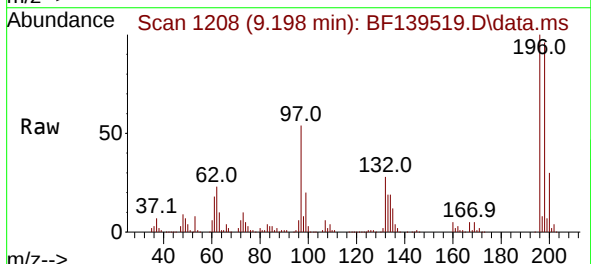
Instrument :
BNA_F
ClientSampleId :
PB163646BS

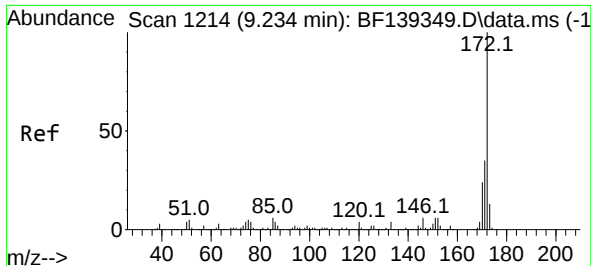
Tgt Ion:196 Resp: 122698
Ion Ratio Lower Upper
196 100
198 95.6 75.8 113.6
200 30.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 42.914 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:196 Resp: 128994
Ion Ratio Lower Upper
196 100
198 95.8 74.8 112.2
97 54.4 47.3 70.9
132 28.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 84.148 ng

RT: 9.234 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

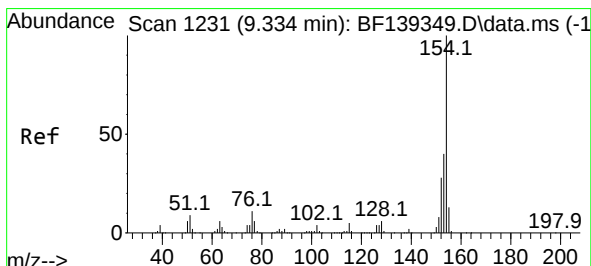
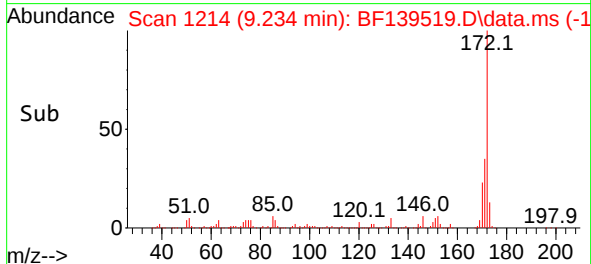
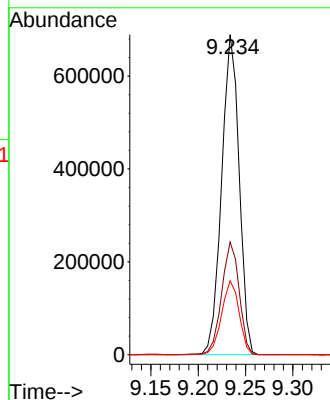
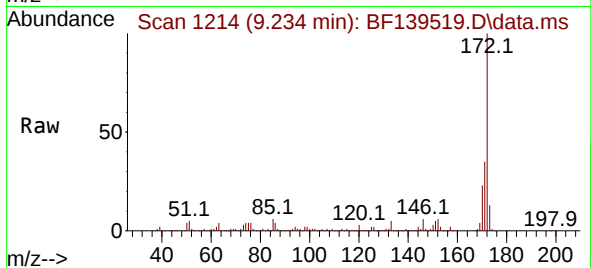
Tgt Ion:172 Resp: 886696

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.062 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

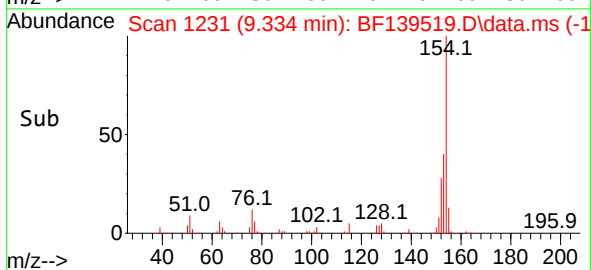
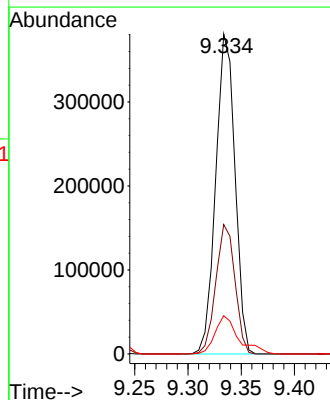
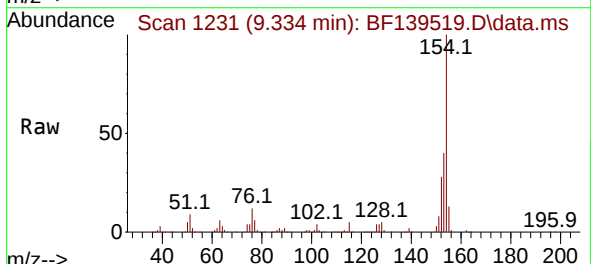
Tgt Ion:154 Resp: 478230

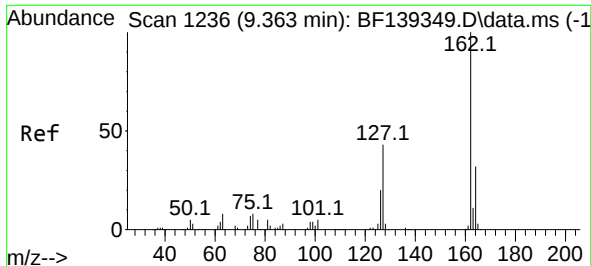
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.919 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

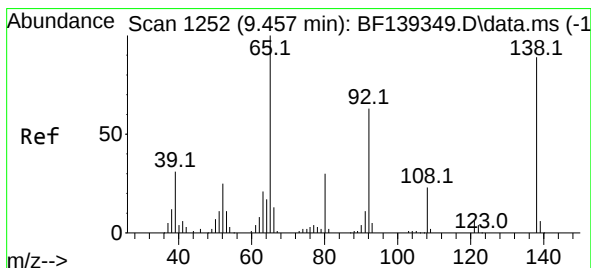
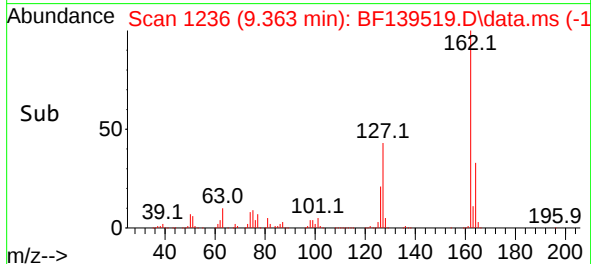
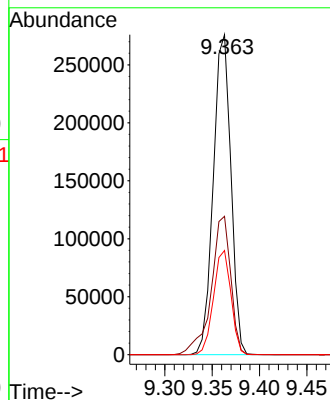
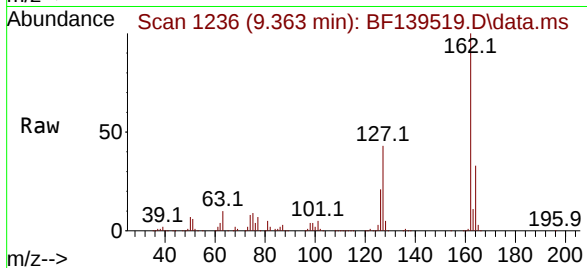
Tgt Ion:162 Resp: 356356

Ion Ratio Lower Upper

162 100

127 43.3 35.0 52.4

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 43.898 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

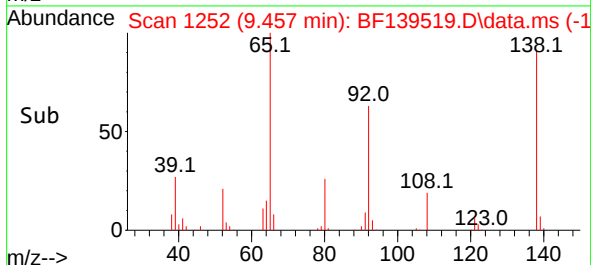
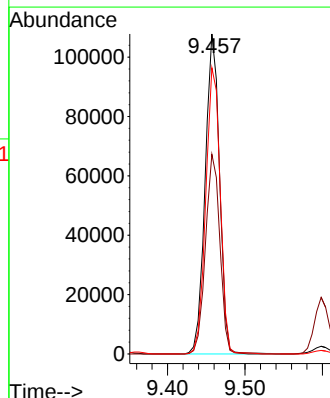
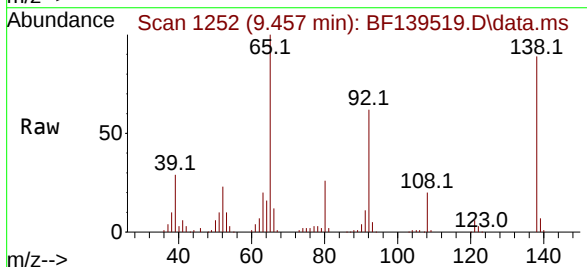
Tgt Ion: 65 Resp: 138804

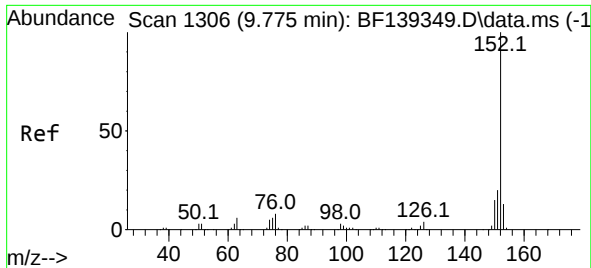
Ion Ratio Lower Upper

65 100

92 62.4 50.3 75.5

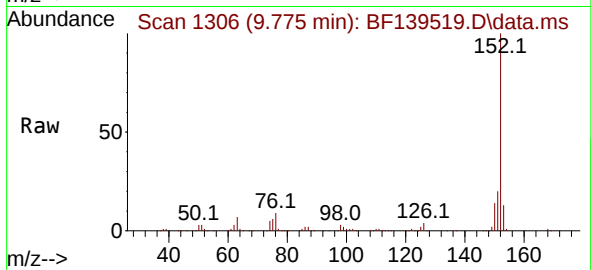
138 89.5 71.3 106.9



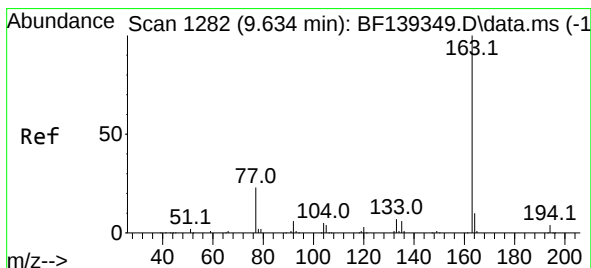
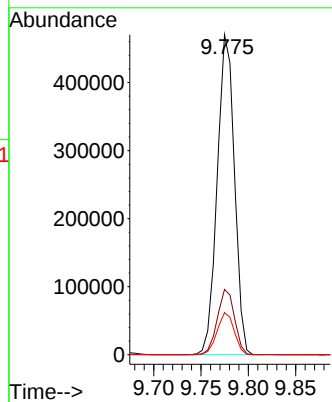
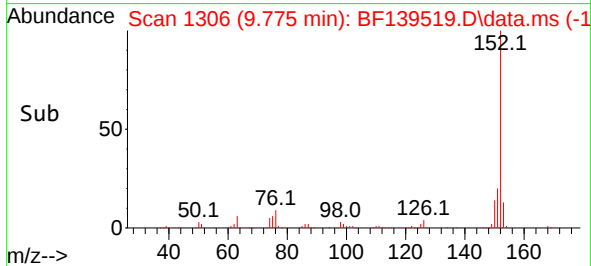


#49
Acenaphthylene
Concen: 46.712 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

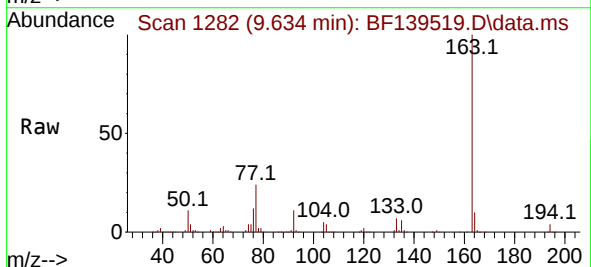
Instrument :
BNA_F
ClientSampleId :
PB163646BS



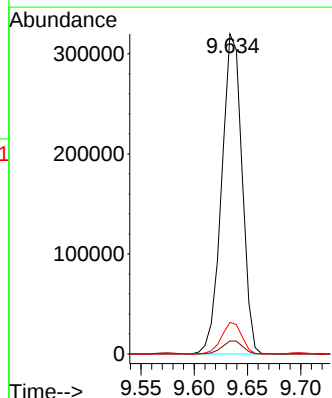
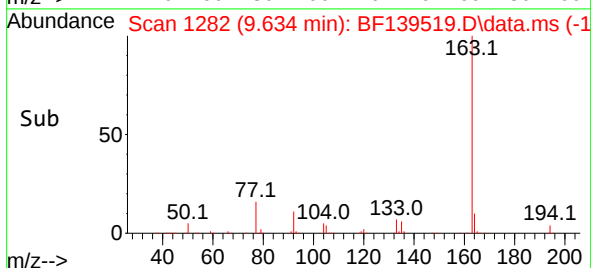
Tgt Ion:152 Resp: 597760
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.1 10.3 15.5

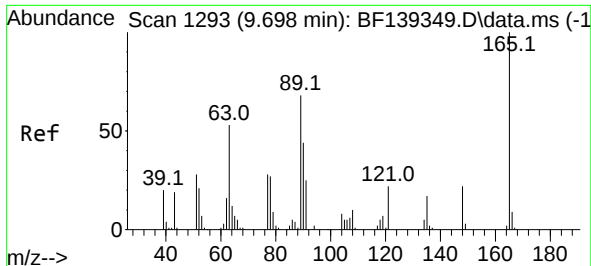


#50
Dimethylphthalate
Concen: 43.733 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26



Tgt Ion:163 Resp: 424212
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 8.2 12.2

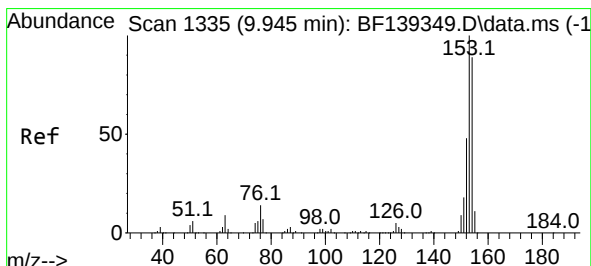
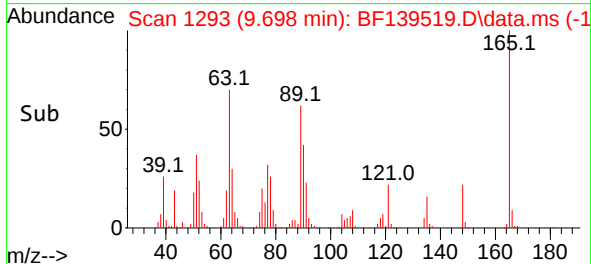
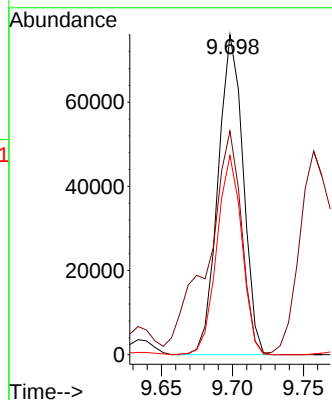
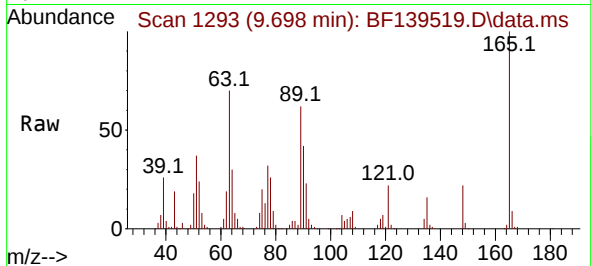




#51
2,6-Dinitrotoluene
Concen: 43.437 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

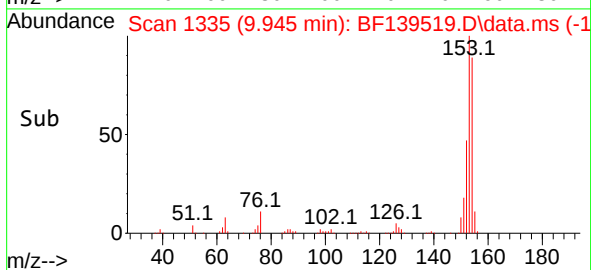
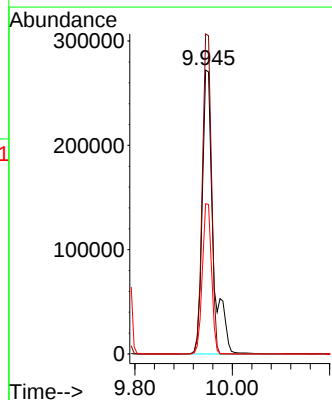
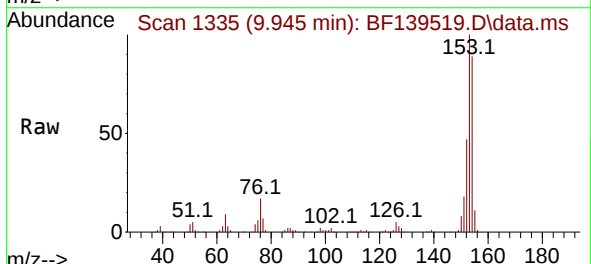
Instrument :
BNA_F
ClientSampleId :
PB163646BS

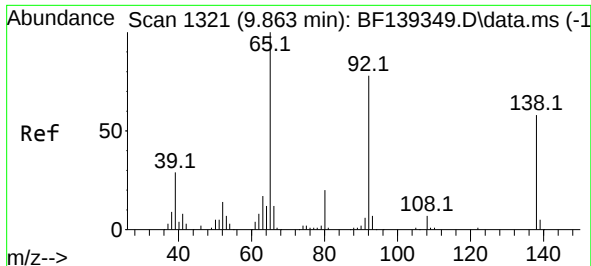
Tgt Ion:165 Resp: 93340
Ion Ratio Lower Upper
165 100
63 69.9 60.9 91.3
89 62.3 54.7 82.1



#52
Acenaphthene
Concen: 47.673 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:154 Resp: 425780
Ion Ratio Lower Upper
154 100
153 112.7 89.5 134.3
152 53.0 42.6 64.0

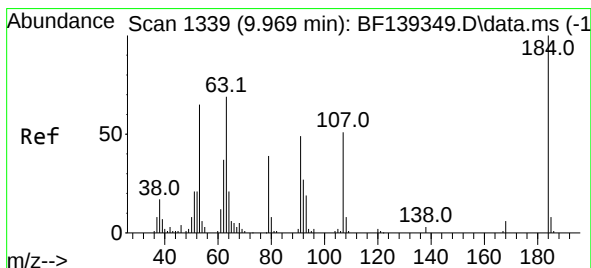
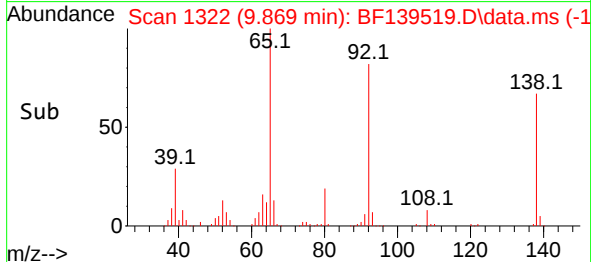
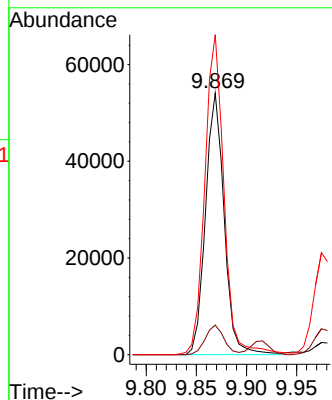
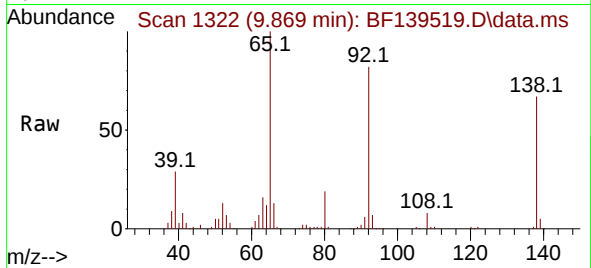




#53
3-Nitroaniline
Concen: 32.717 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

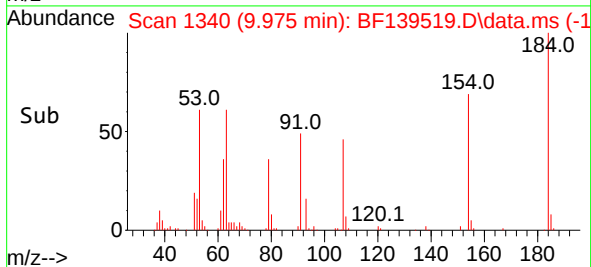
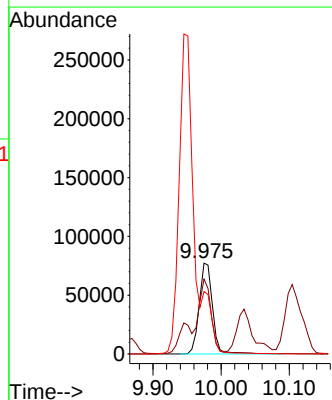
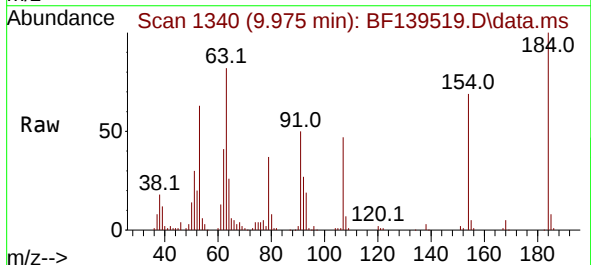
Instrument :
BNA_F
ClientSampleId :
PB163646BS

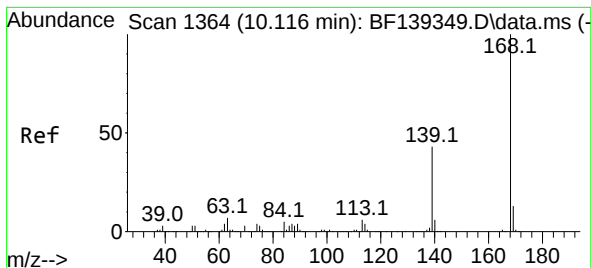
Tgt Ion:138 Resp: 70260
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.8
92 122.3 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 87.896 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:184 Resp: 105245
Ion Ratio Lower Upper
184 100
63 82.4 69.3 103.9
154 68.7 67.5 101.3





#55

Dibenzofuran

Concen: 43.591 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

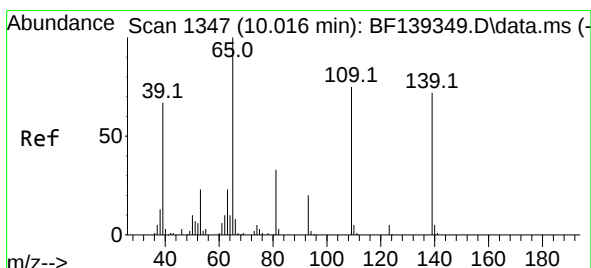
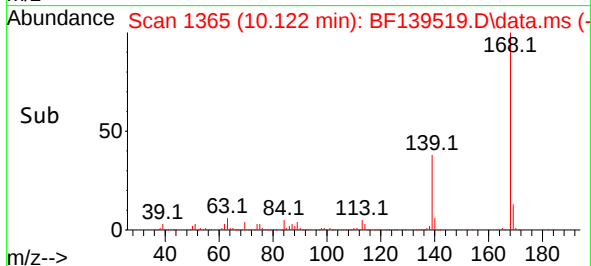
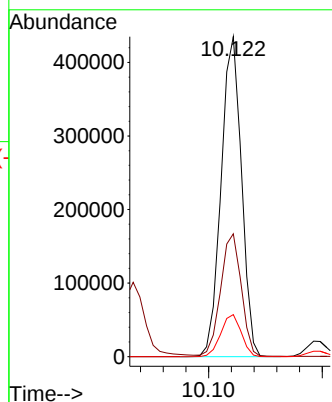
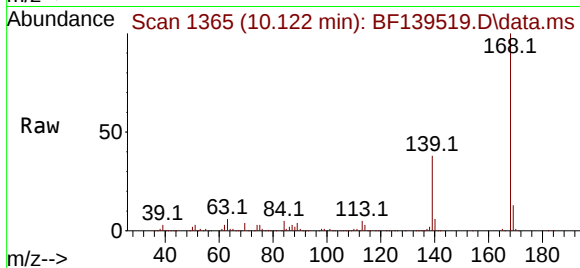
Tgt Ion:168 Resp: 542638

Ion Ratio Lower Upper

168 100

139 38.4 34.1 51.1

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 80.014 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.018 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

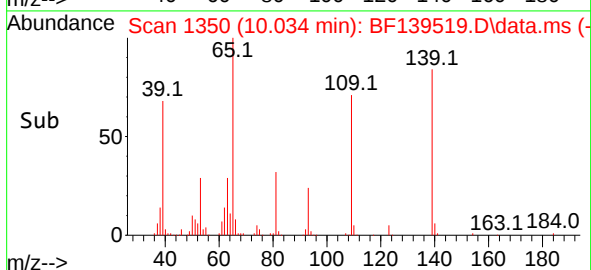
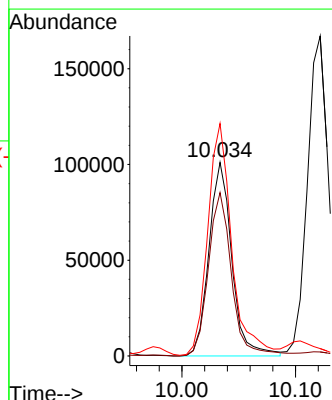
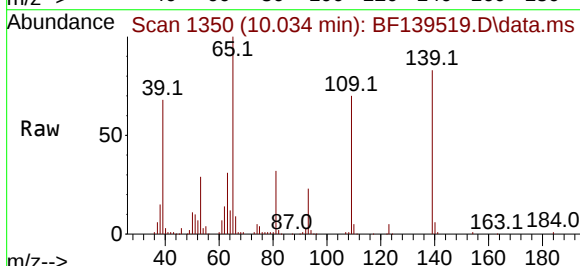
Tgt Ion:139 Resp: 142183

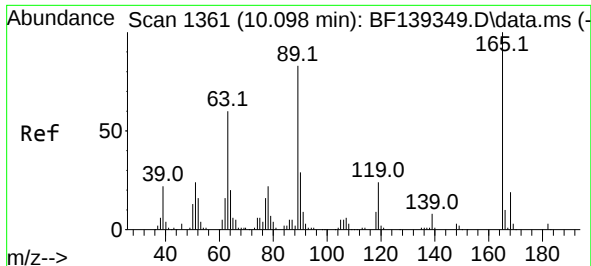
Ion Ratio Lower Upper

139 100

109 84.4 84.1 124.1

65 120.0 120.0 160.0

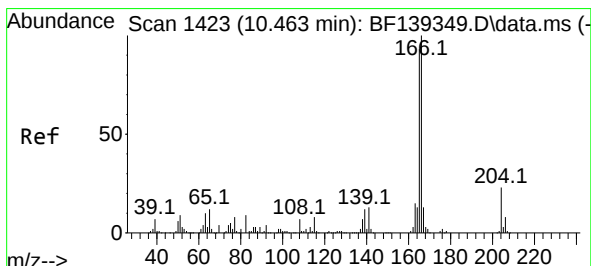
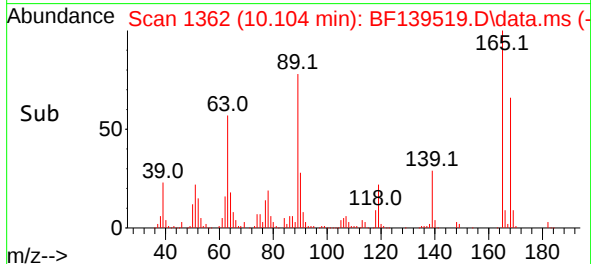
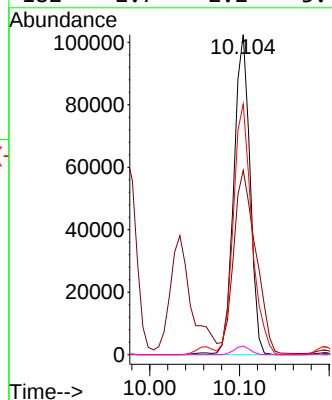
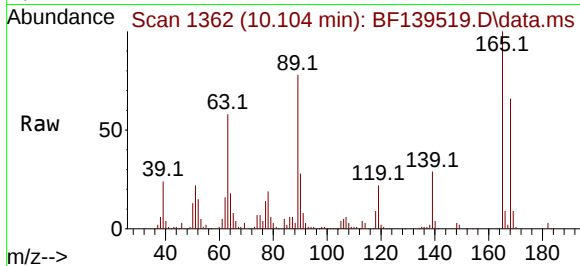




#57
2,4-Dinitrotoluene
Concen: 44.194 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

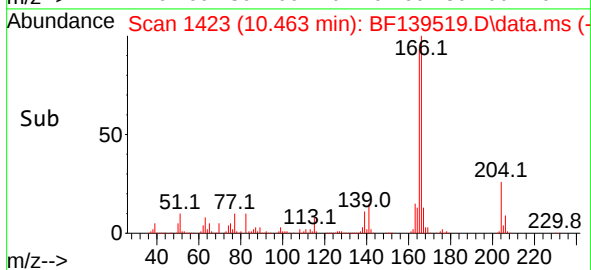
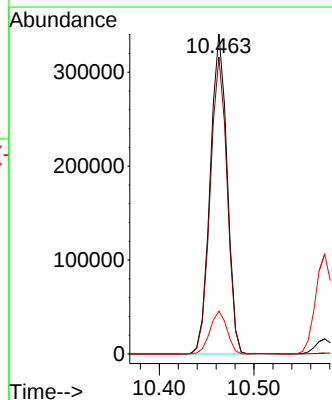
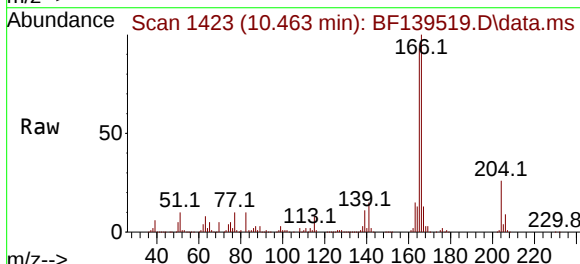
Instrument :
BNA_F
ClientSampleId :
PB163646BS

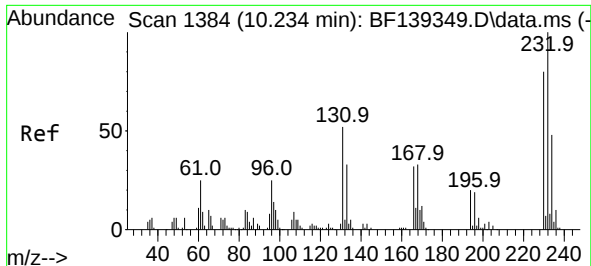
Tgt Ion:165 Resp: 128212
Ion Ratio Lower Upper
165 100
63 57.6 47.8 71.6
89 78.4 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 41.424 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:166 Resp: 420734
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.3 10.6 16.0

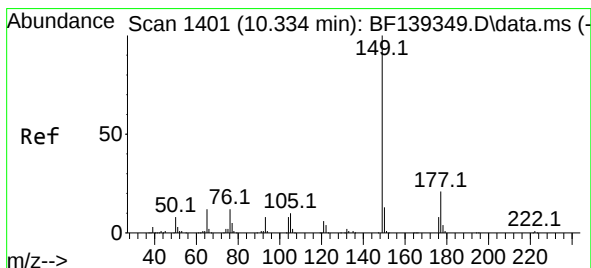
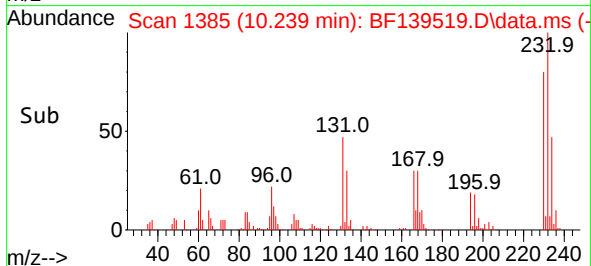
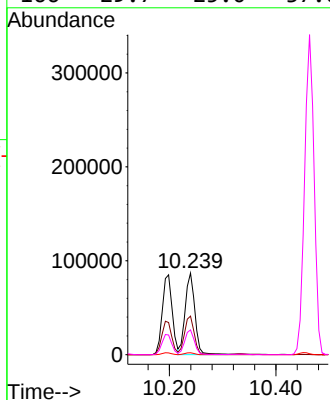
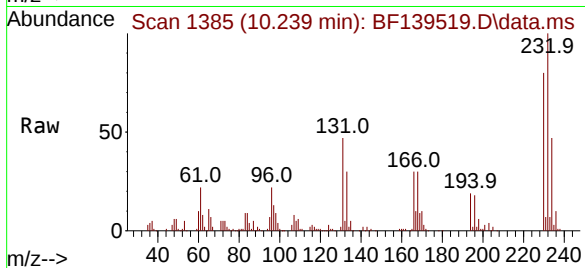




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.176 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

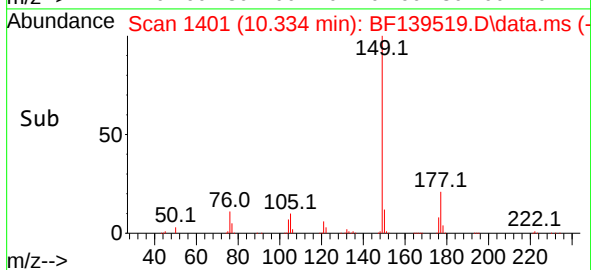
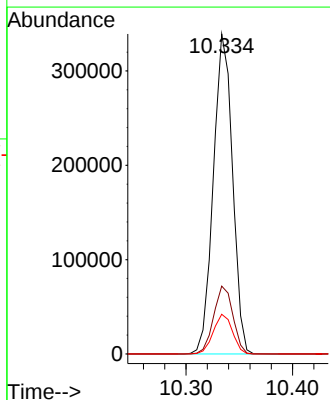
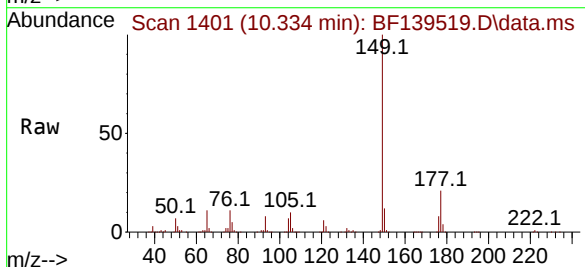
Instrument :
BNA_F
ClientSampleId :
PB163646BS

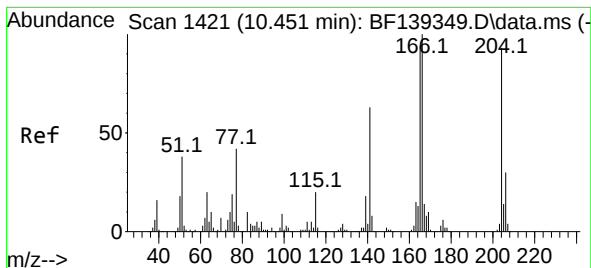
Tgt Ion:232 Resp: 109844
Ion Ratio Lower Upper
232 100
131 47.4 40.7 61.1
130 2.3 2.2 3.2
166 29.7 25.0 37.6



#60
Diethylphthalate
Concen: 42.322 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:149 Resp: 423638
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.4 10.6 15.8

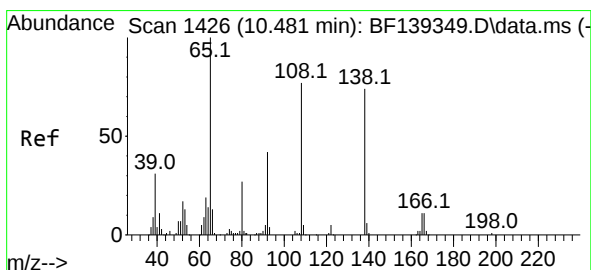
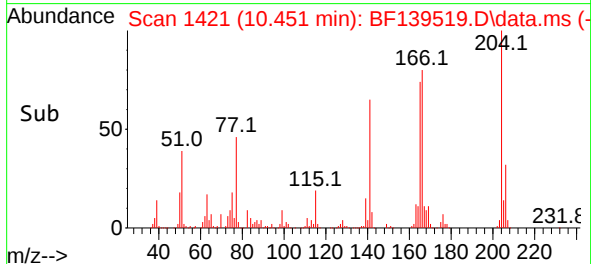
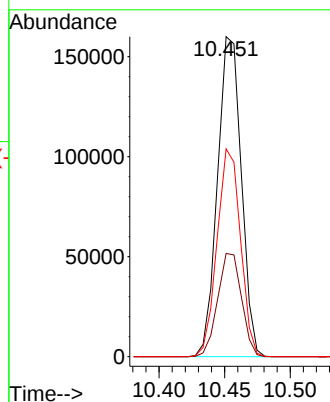
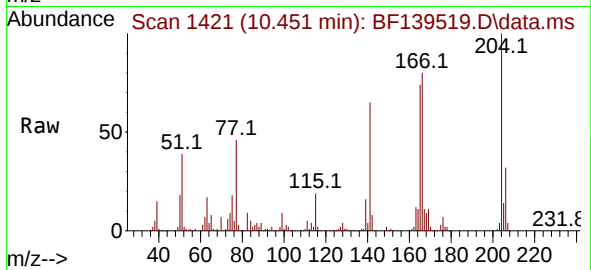




#61
4-Chlorophenyl-phenylether
Concen: 40.979 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

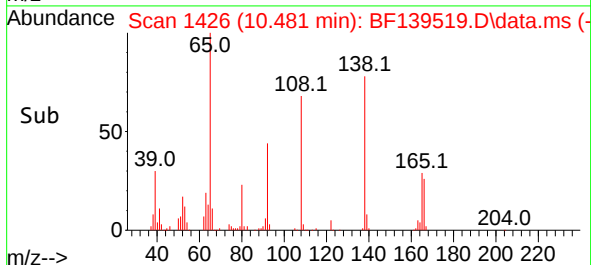
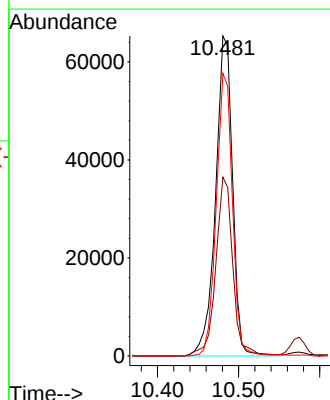
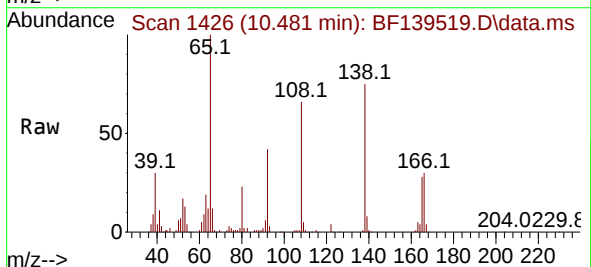
Instrument :
BNA_F
ClientSampleId :
PB163646BS

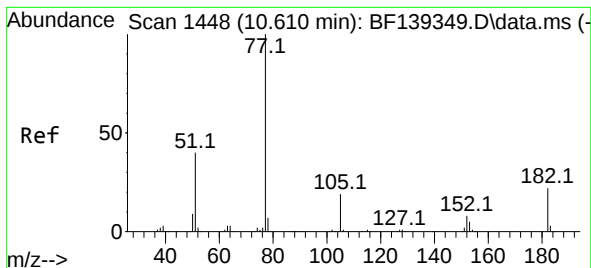
Tgt Ion:204 Resp: 202274
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 65.0 53.9 80.9



#62
4-Nitroaniline
Concen: 40.660 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:138 Resp: 95299
Ion Ratio Lower Upper
138 100
92 55.9 37.0 77.0
108 88.3 84.4 124.4





#63

Azobenzene

Concen: 43.903 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

Tgt Ion: 77 Resp: 432245

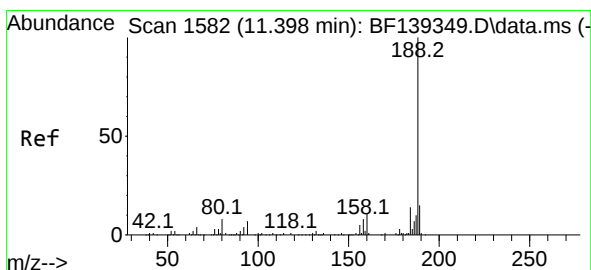
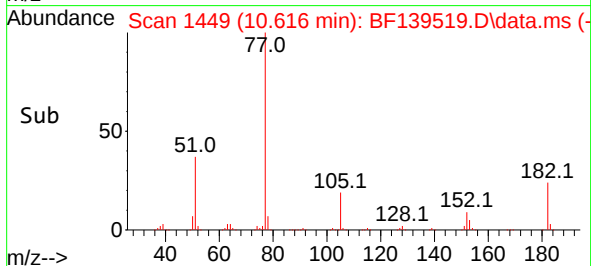
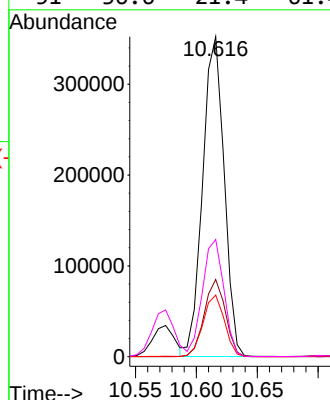
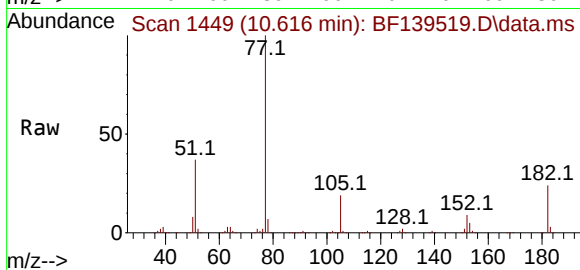
Ion Ratio Lower Upper

77 100

182 24.1 1.8 41.8

105 19.2 0.0 38.6

51 36.6 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: BF139519.D

Acq: 24 Sep 2024 14:26

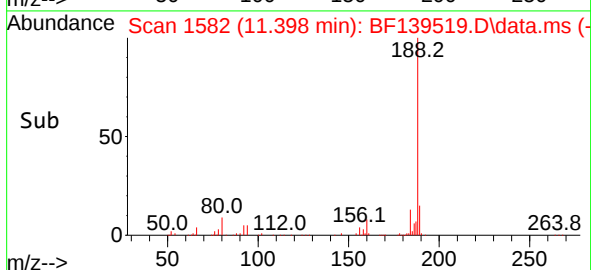
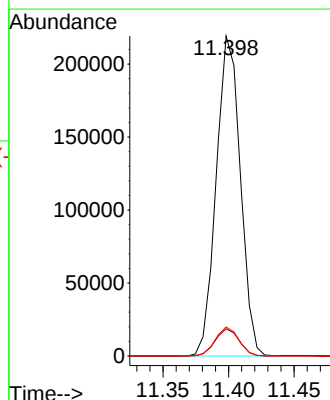
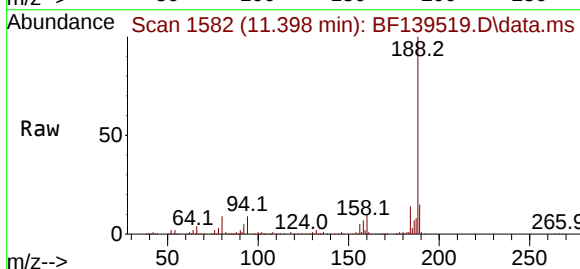
Tgt Ion:188 Resp: 279973

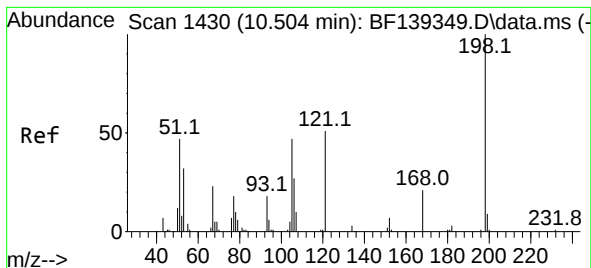
Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.1 6.6 9.8

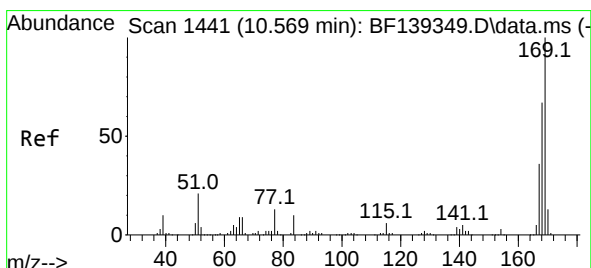
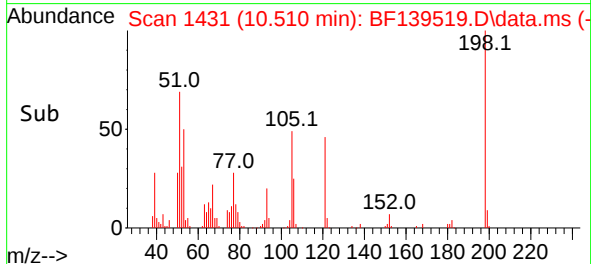
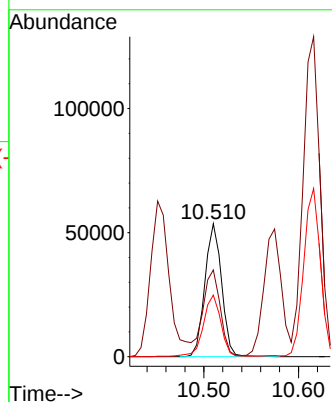
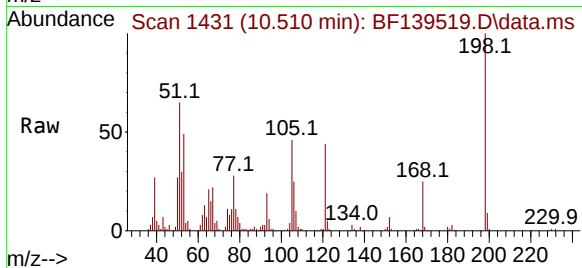




#65
4,6-Dinitro-2-methylphenol
Concen: 44.444 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

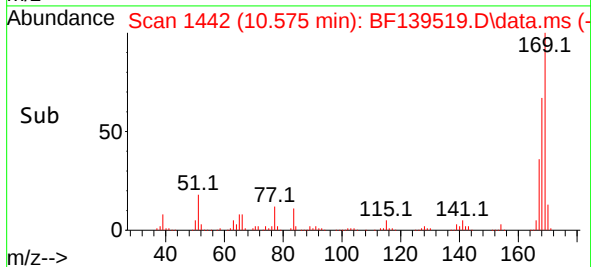
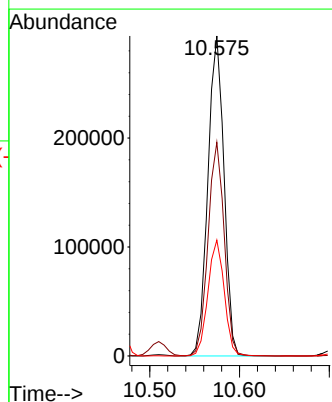
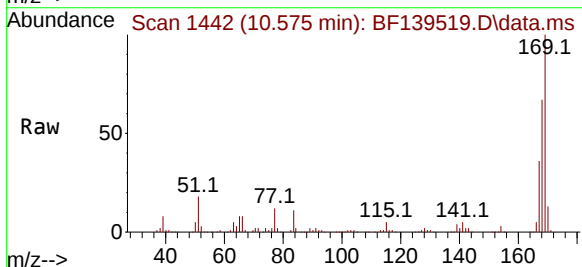
Instrument :
BNA_F
ClientSampleId :
PB163646BS

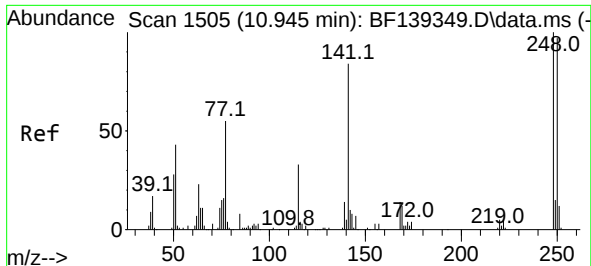
Tgt Ion:198 Resp: 65673
Ion Ratio Lower Upper
198 100
51 65.1 50.4 90.4
105 46.3 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 44.688 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:169 Resp: 365789
Ion Ratio Lower Upper
169 100
168 66.7 53.6 80.4
167 36.2 28.7 43.1

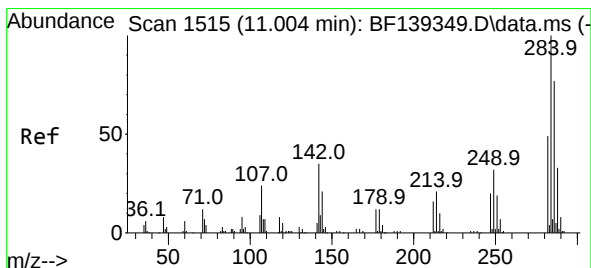
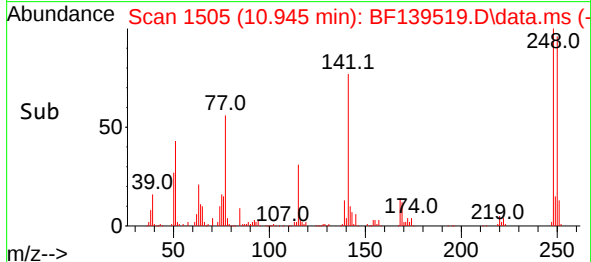
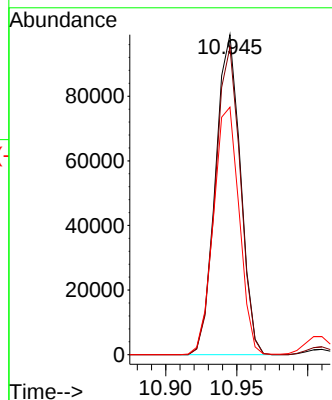
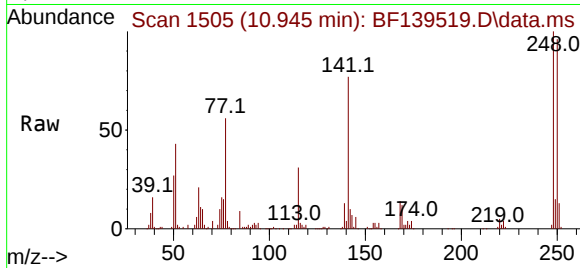




#67
4-Bromophenyl-phenylether
Concen: 43.644 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

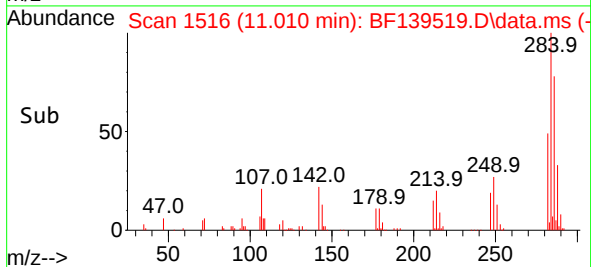
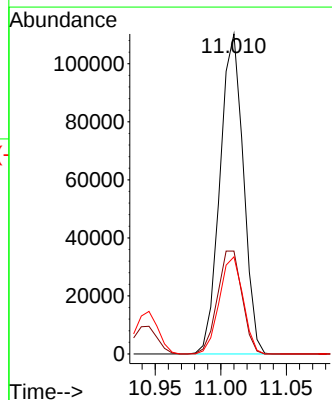
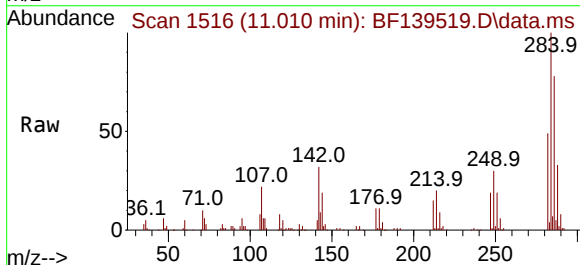
Instrument :
BNA_F
ClientSampleId :
PB163646BS

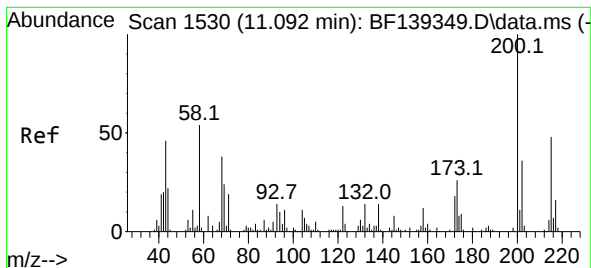
Tgt Ion:248 Resp: 121088
Ion Ratio Lower Upper
248 100
250 96.1 77.6 116.4
141 77.3 66.9 100.3



#68
Hexachlorobenzene
Concen: 41.947 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:284 Resp: 136588
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 30.3 25.3 37.9





#69

Atrazine

Concen: 57.468 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

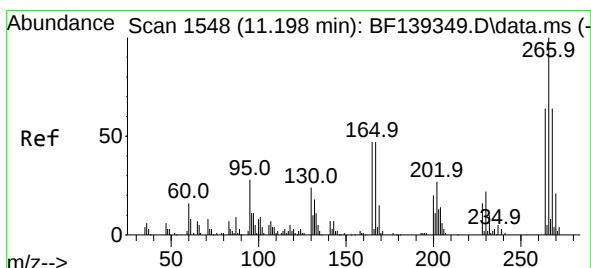
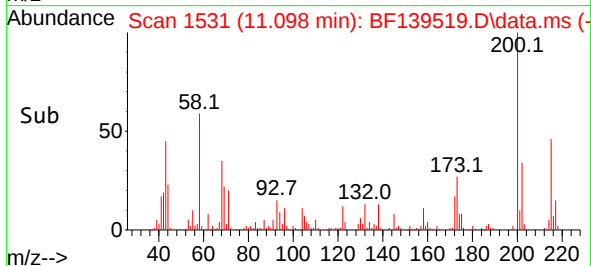
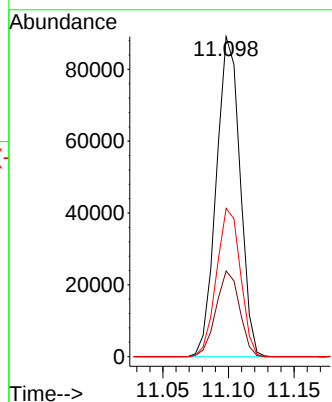
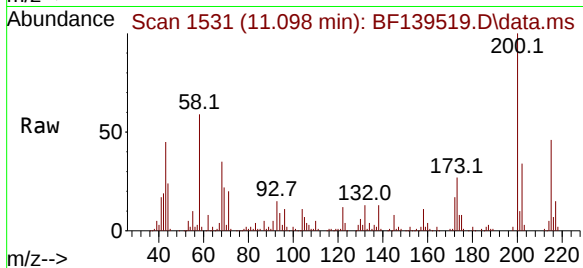
Tgt Ion:200 Resp: 111988

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

215 46.3 28.2 68.2



#70

Pentachlorophenol

Concen: 74.908 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

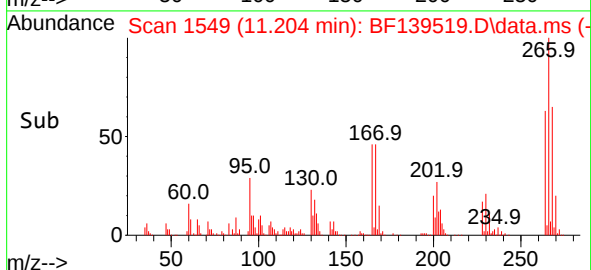
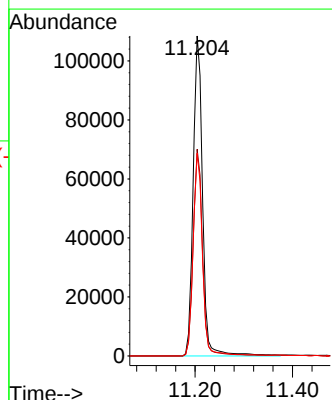
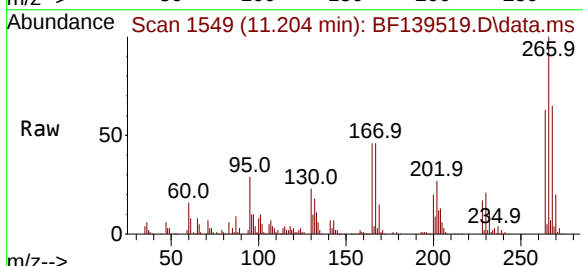
Tgt Ion:266 Resp: 146358

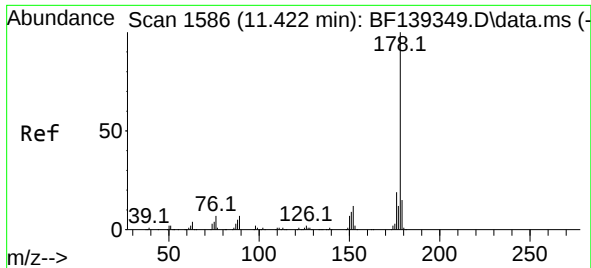
Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

264 63.4 51.4 77.0

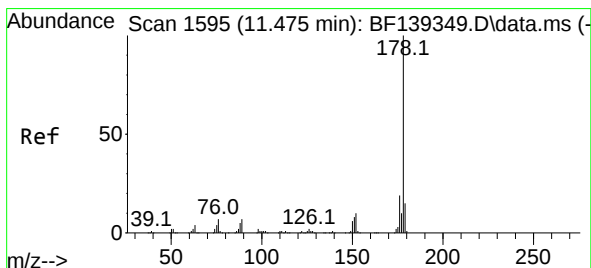
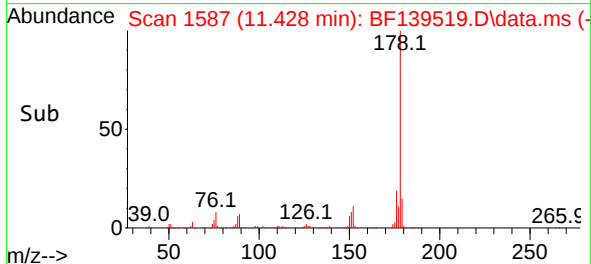
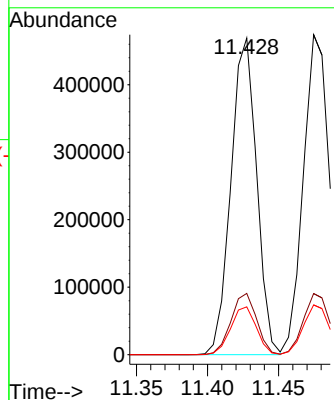
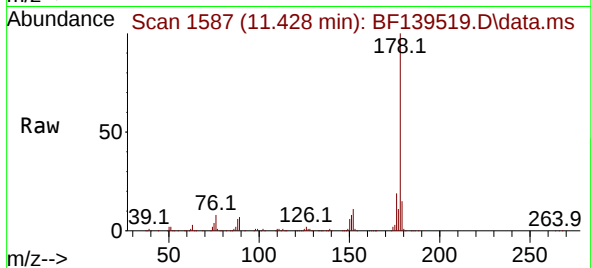




#71
Phenanthrene
Concen: 43.818 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

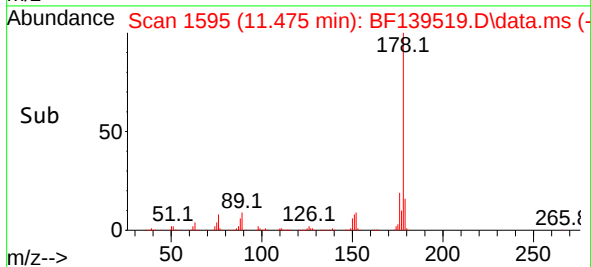
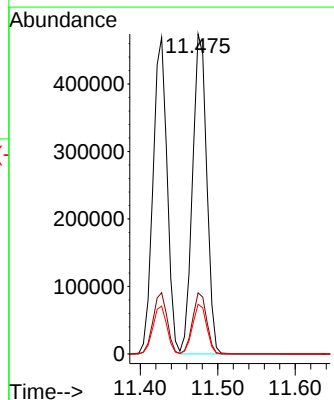
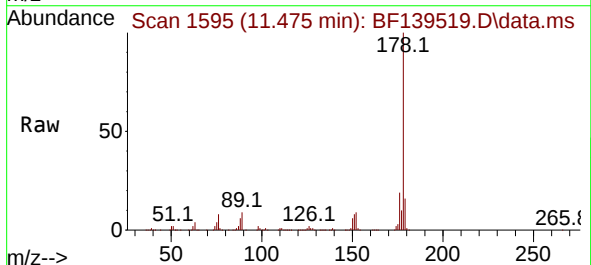
Instrument :
BNA_F
ClientSampleId :
PB163646BS

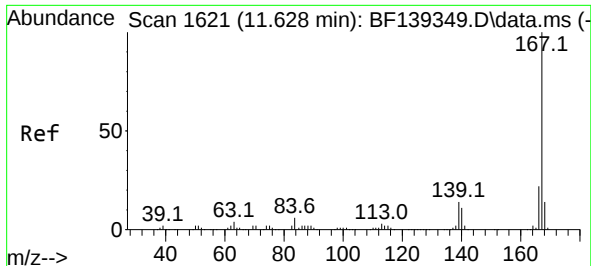
Tgt Ion:178 Resp: 591875
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 45.561 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:178 Resp: 601706
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.6 12.0 18.0

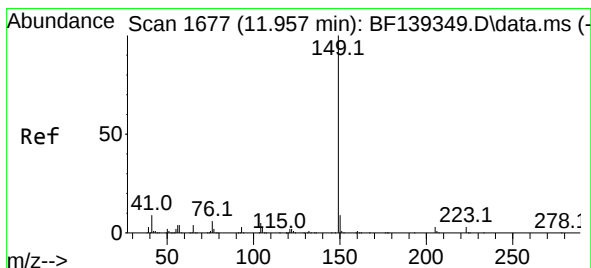
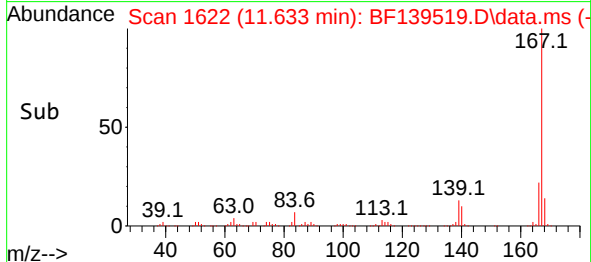
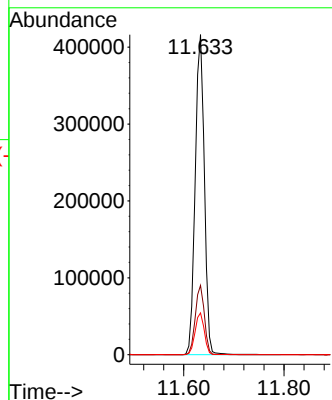
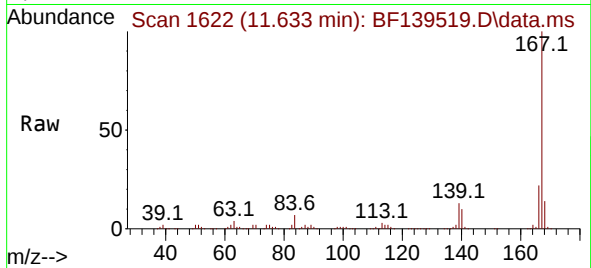




#73
 Carbazole
 Concen: 41.674 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139519.D
 Acq: 24 Sep 2024 14:26

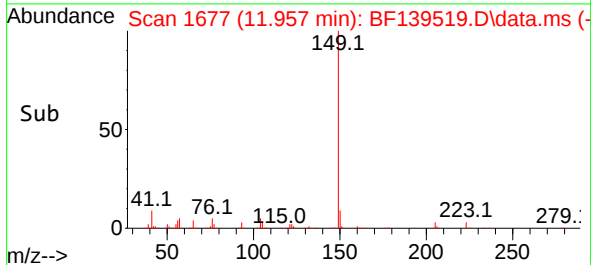
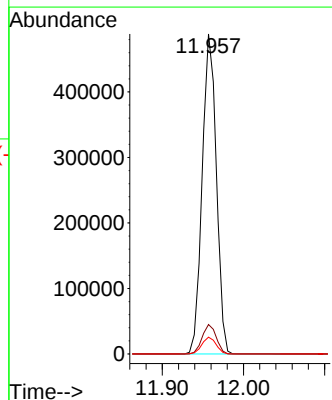
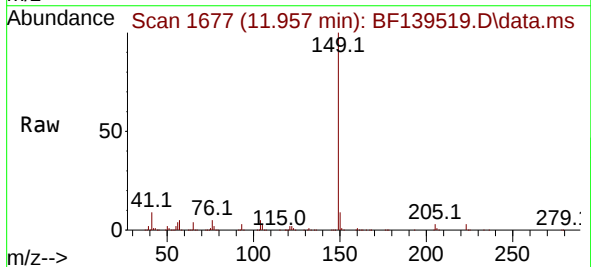
Instrument :
 BNA_F
 ClientSampleId :
 PB163646BS

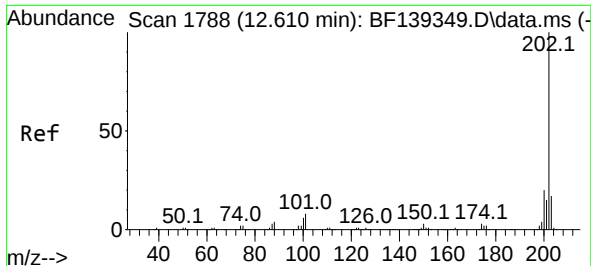
Tgt Ion:167 Resp: 526754
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.998 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139519.D
 Acq: 24 Sep 2024 14:26

Tgt Ion:149 Resp: 591357
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 4.3 6.5

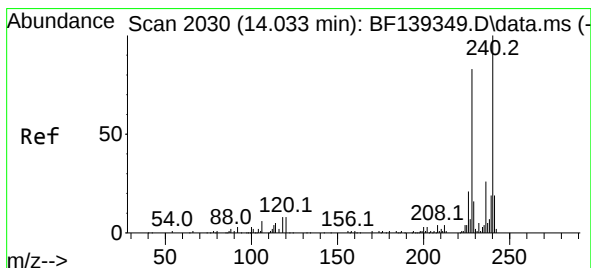
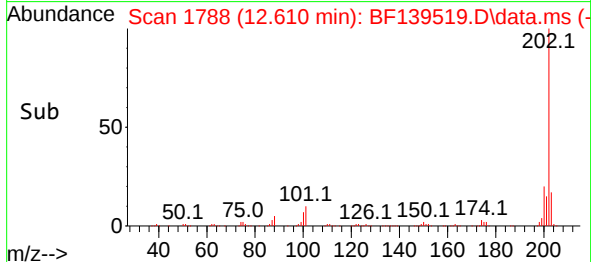
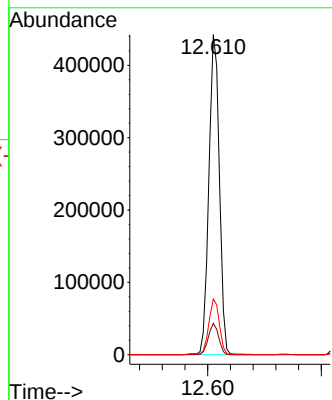
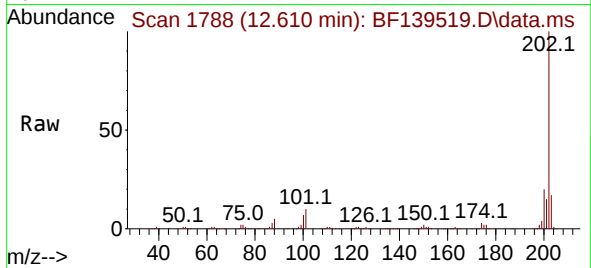




#75
Fluoranthene
Concen: 39.091 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

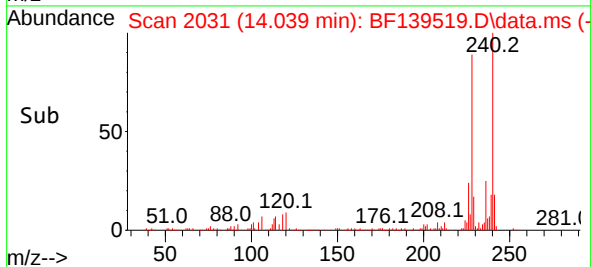
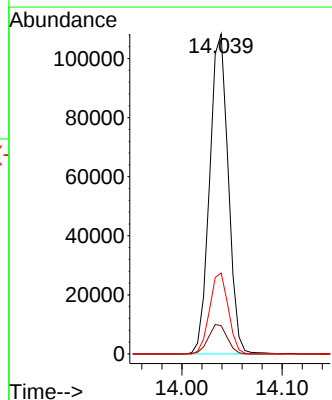
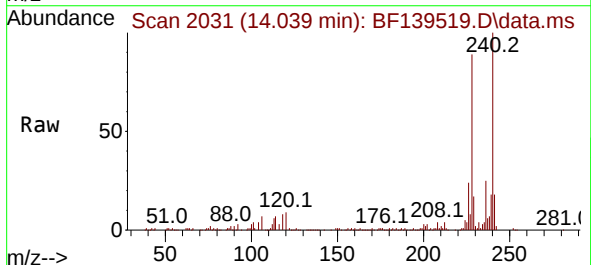
Instrument :
BNA_F
ClientSampleId :
PB163646BS

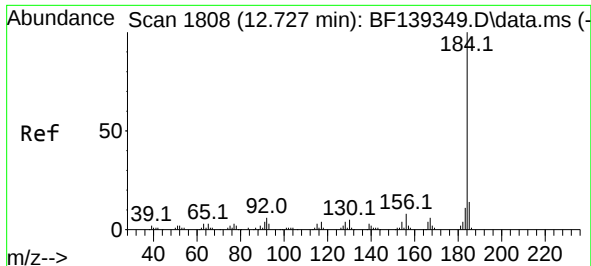
Tgt Ion:202 Resp: 563889
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:240 Resp: 140058
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 25.3 20.9 31.3

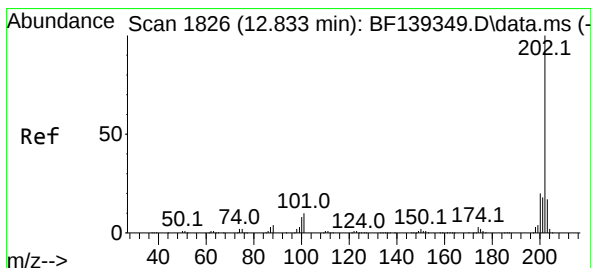
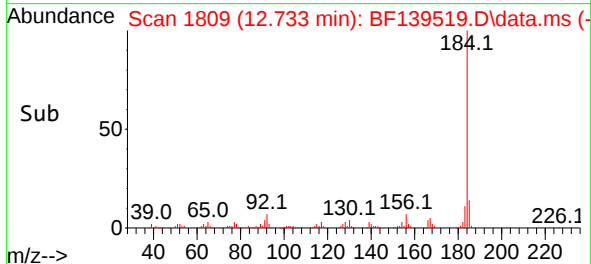
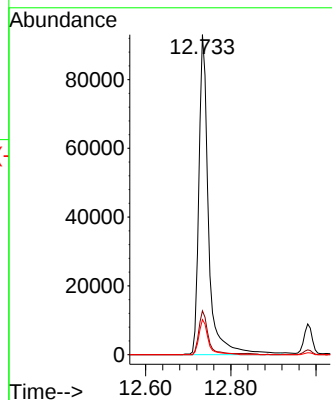
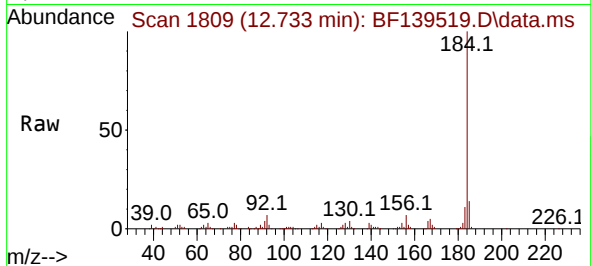




#77
Benzidine
Concen: 73.157 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

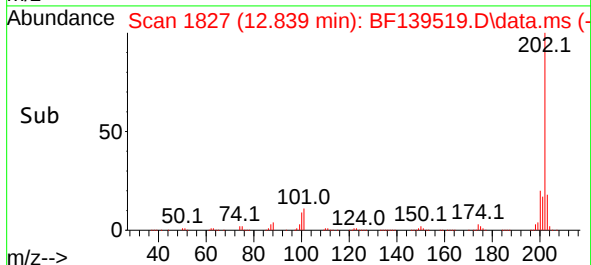
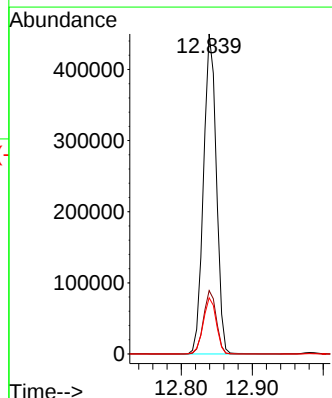
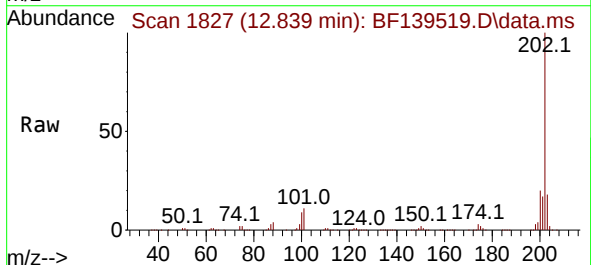
Instrument :
BNA_F
ClientSampleId :
PB163646BS

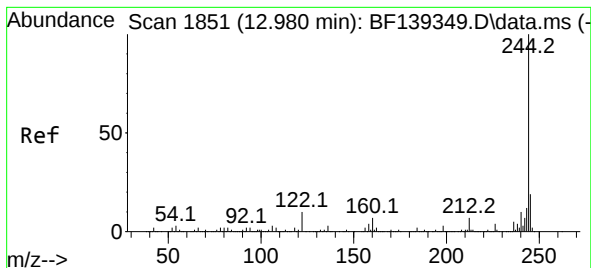
Tgt Ion:184 Resp: 146798
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.0 8.9 13.3



#78
Pyrene
Concen: 47.227 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:202 Resp: 567952
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 91.487 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139519.D

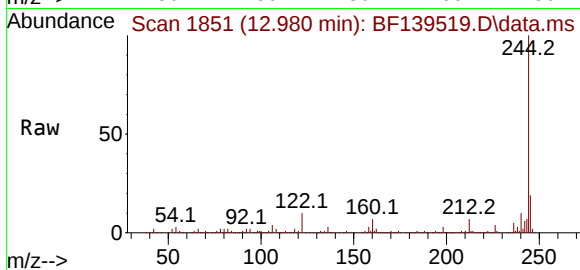
Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS



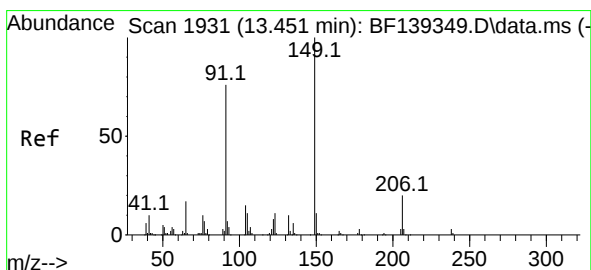
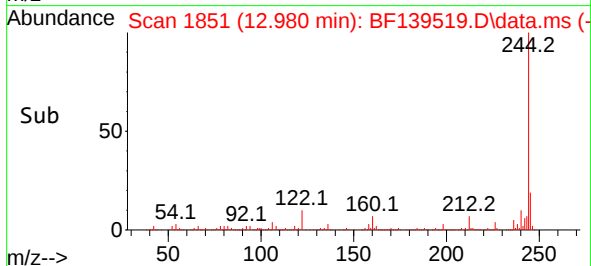
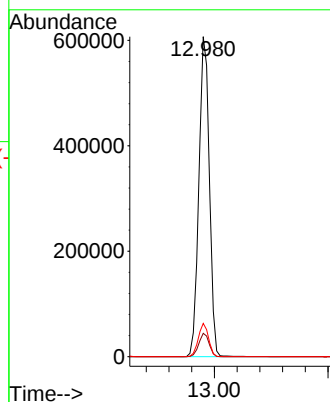
Tgt Ion:244 Resp: 780644

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 43.342 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

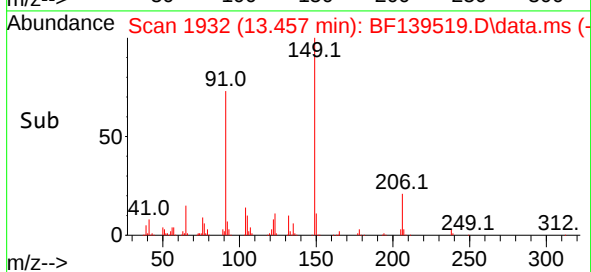
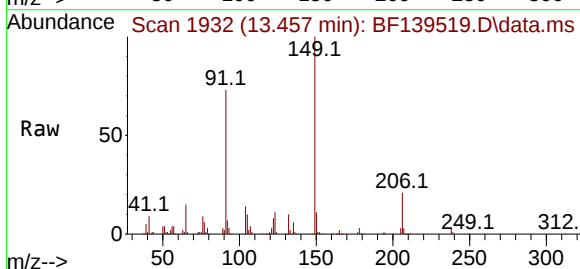
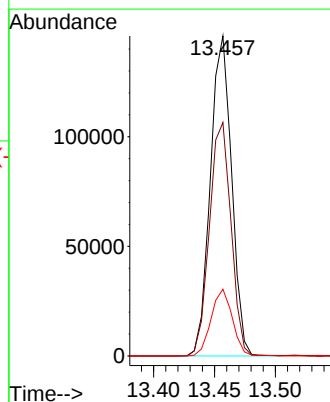
Tgt Ion:149 Resp: 177416

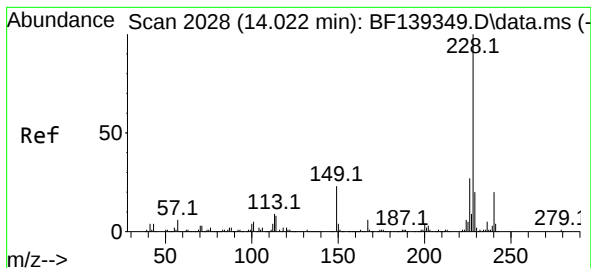
Ion Ratio Lower Upper

149 100

91 72.9 60.9 91.3

206 20.9 15.8 23.8





#81

Benzo(a)anthracene

Concen: 44.944 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

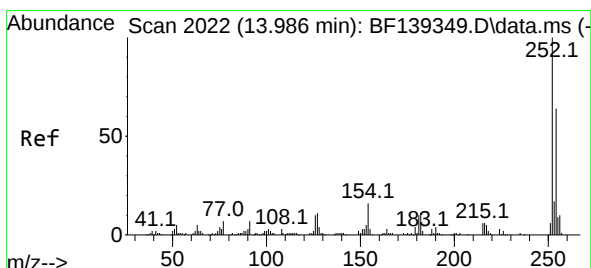
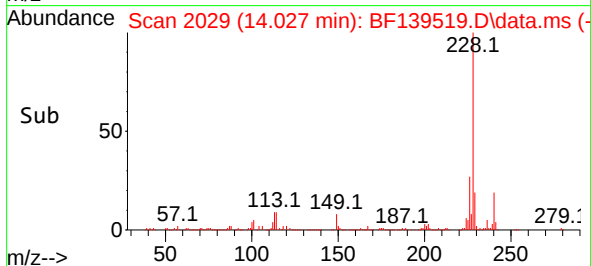
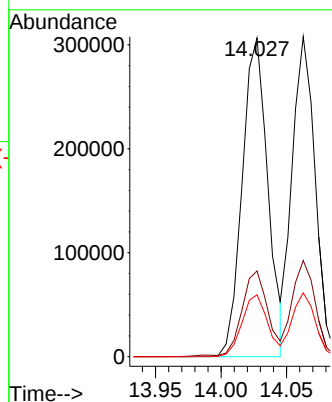
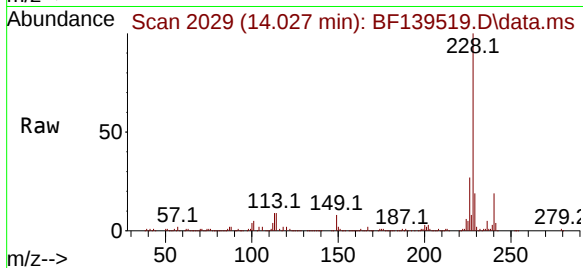
Tgt Ion:228 Resp: 416961

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 36.387 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

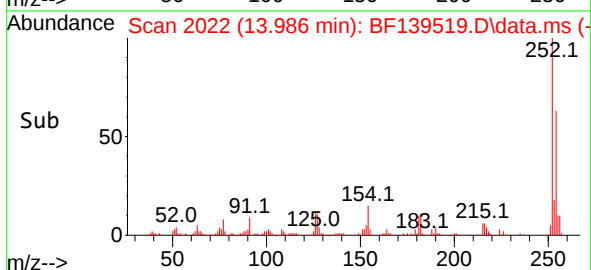
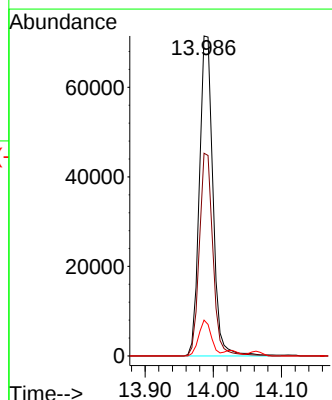
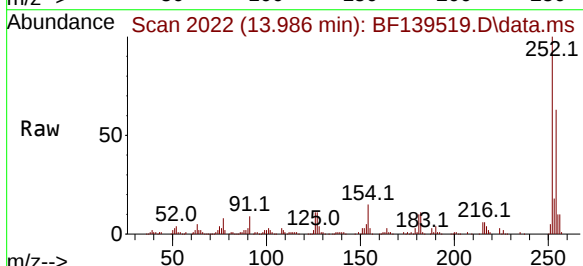
Tgt Ion:252 Resp: 98860

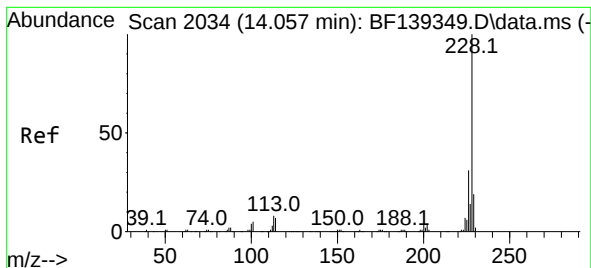
Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

126 11.2 7.7 11.5





#83

Chrysene

Concen: 44.230 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

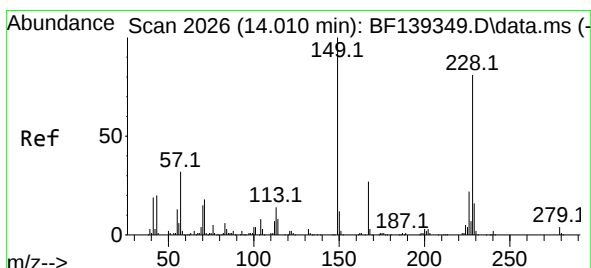
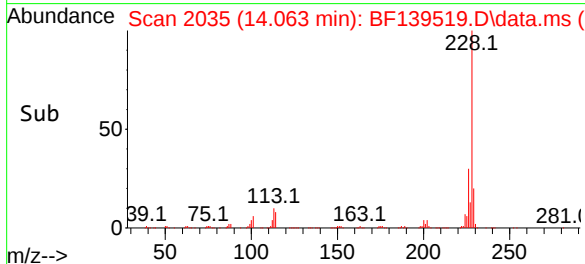
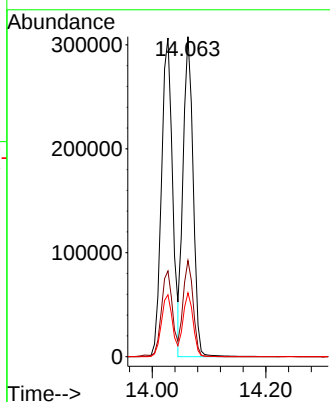
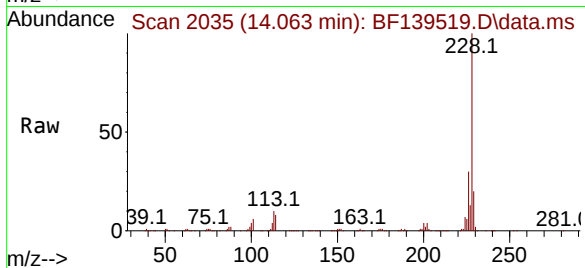
Tgt Ion:228 Resp: 377518

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.168 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

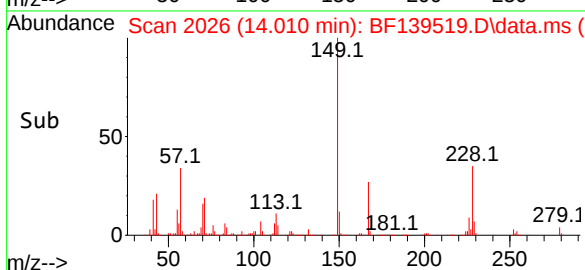
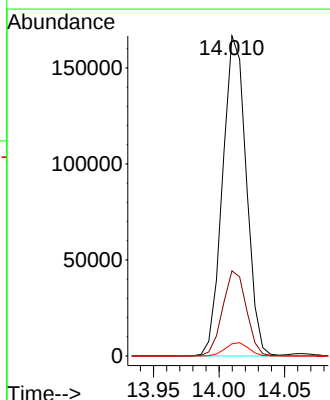
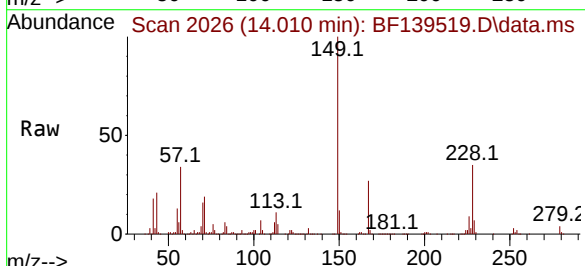
Tgt Ion:149 Resp: 209167

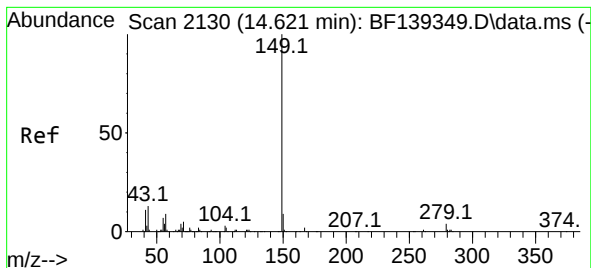
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.851 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139519.D

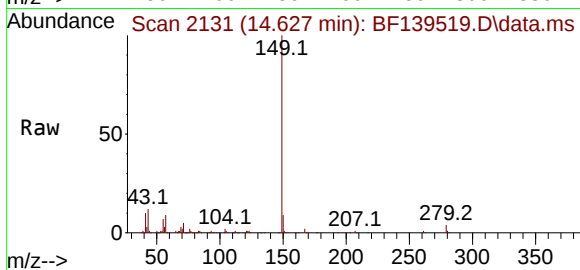
Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS



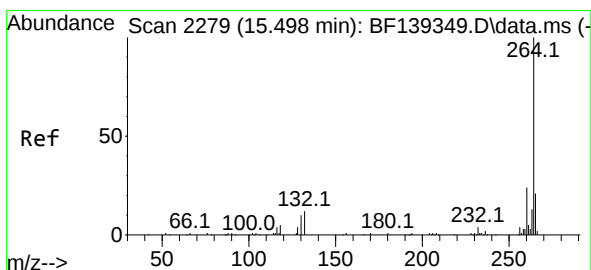
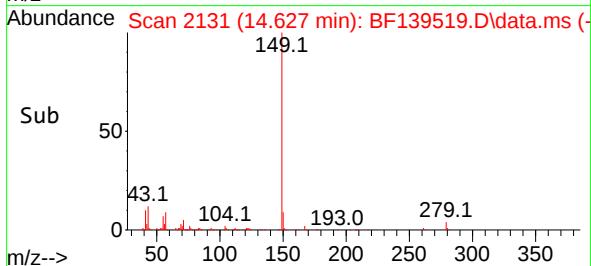
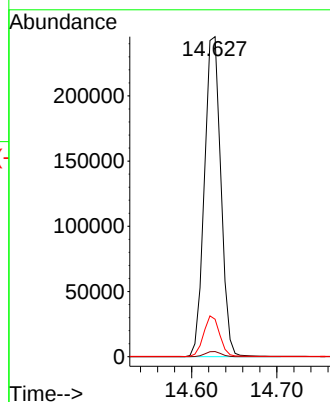
Tgt Ion:149 Resp: 328613

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.4 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: BF139519.D

Acq: 24 Sep 2024 14:26

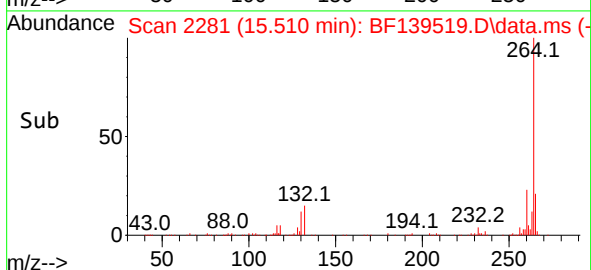
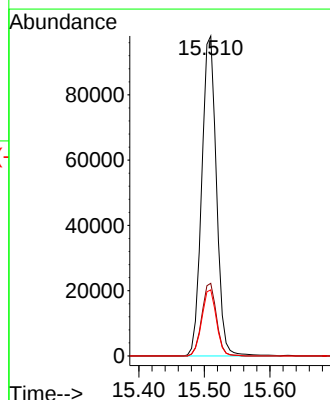
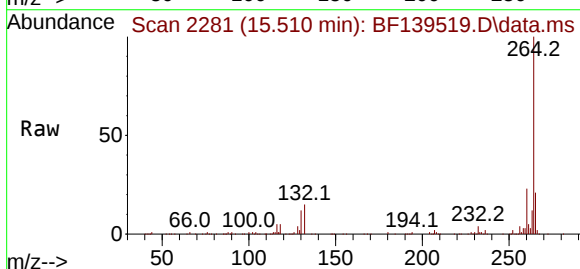
Tgt Ion:264 Resp: 153036

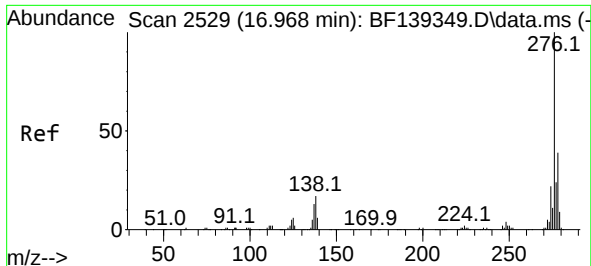
Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.6 16.6 25.0

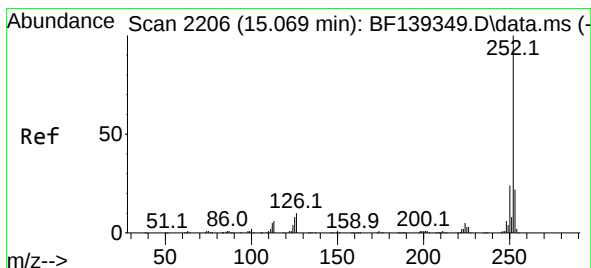
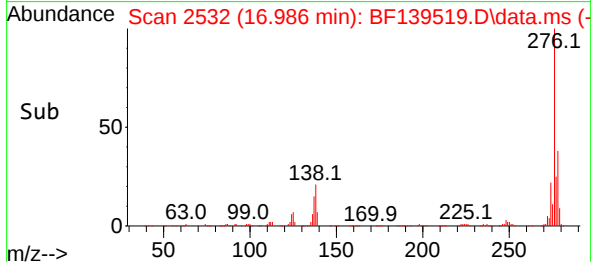
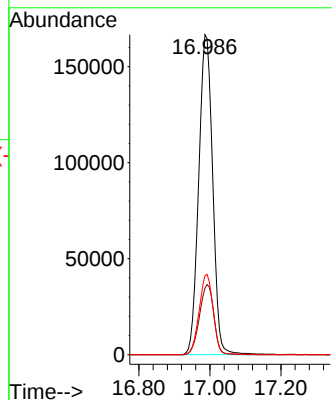
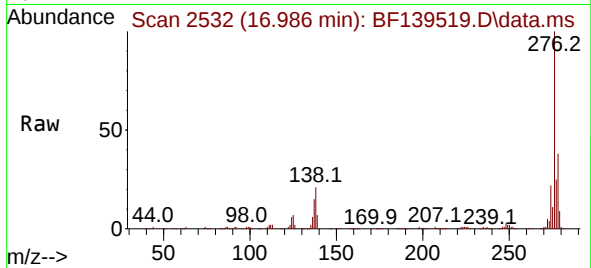




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.102 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

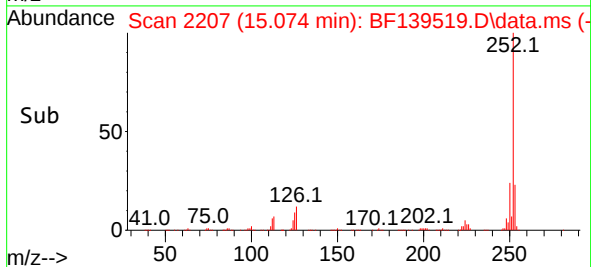
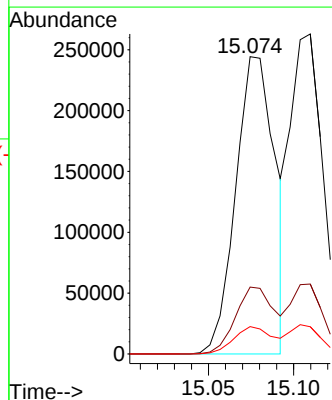
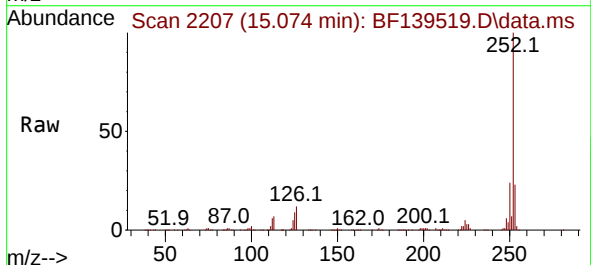
Instrument :
BNA_F
ClientSampleId :
PB163646BS

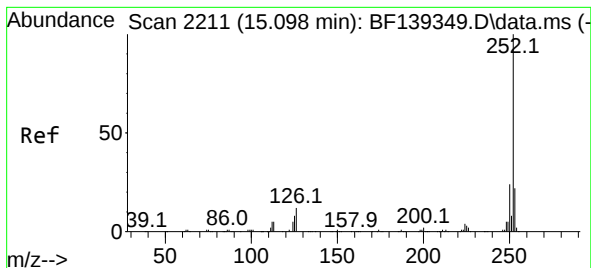
Tgt Ion:276 Resp: 455930
Ion Ratio Lower Upper
276 100
138 22.5 15.4 23.2
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.664 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:252 Resp: 393238
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 40.774 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB163646BS

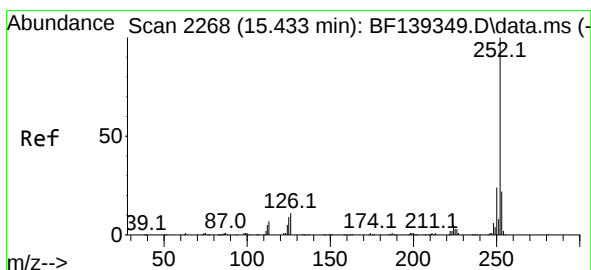
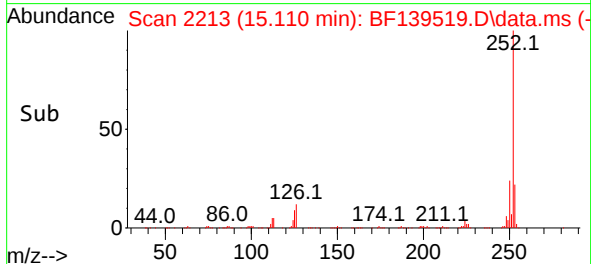
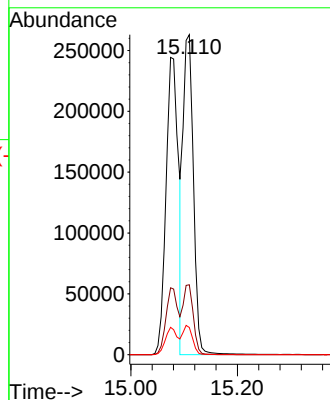
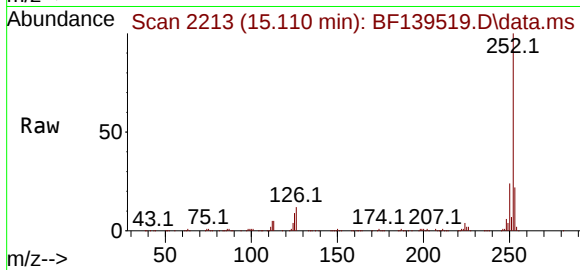
Tgt Ion:252 Resp: 354826

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 46.729 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139519.D

Acq: 24 Sep 2024 14:26

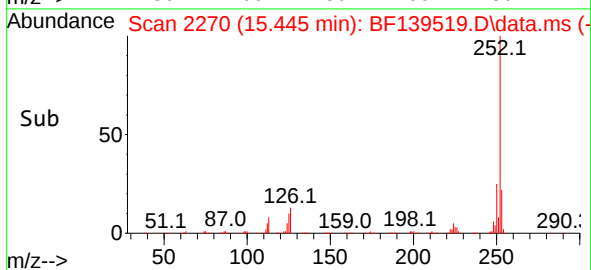
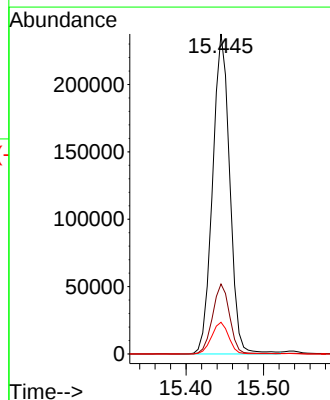
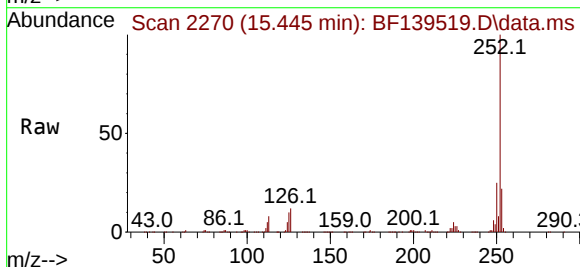
Tgt Ion:252 Resp: 365778

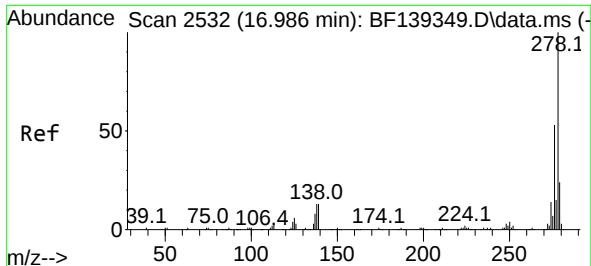
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.9 6.8 10.2

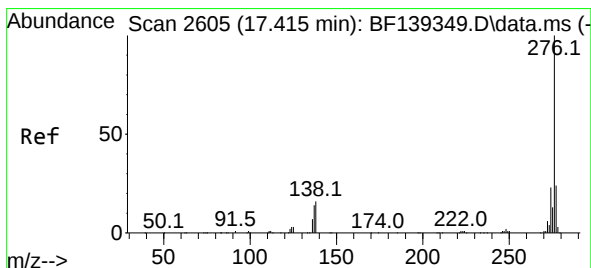
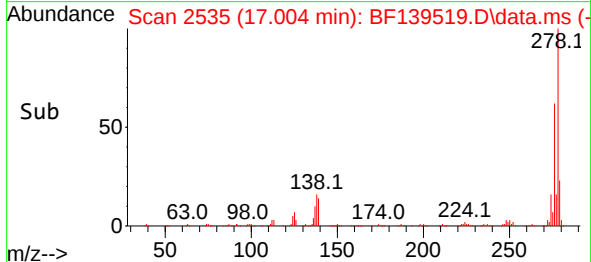
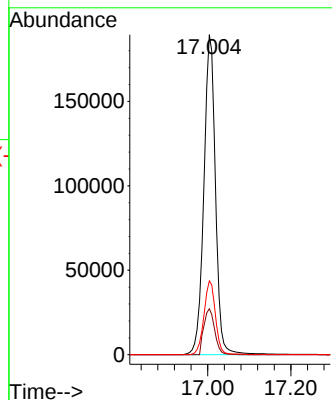
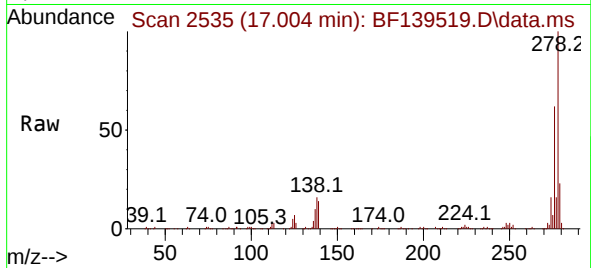




#91
Dibenzo(a,h)anthracene
Concen: 49.028 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB163646BS

Tgt Ion:278 Resp: 368667
Ion Ratio Lower Upper
278 100
139 14.3 10.2 15.2
279 23.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.974 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139519.D
Acq: 24 Sep 2024 14:26

Tgt Ion:276 Resp: 349739
Ion Ratio Lower Upper
276 100
277 22.7 18.9 28.3
138 19.5 13.0 19.6

