

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139362.D
 Acq On : 14 Sep 2024 11:50
 Operator : RC/JU
 Sample : PB163318BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BSD

Quant Time: Sep 16 01:52:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	53267	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	199677	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	109979	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212251	20.000	ng	0.00
76) Chrysene-d12	14.033	240	118343	20.000	ng	0.00
86) Perylene-d12	15.498	264	109373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	439873	134.715	ng	0.02
7) Phenol-d6	6.510	99	581684	135.723	ng	0.00
23) Nitrobenzene-d5	7.445	82	391689	92.218	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	167171	142.776	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	732093	93.361	ng	0.00
79) Terphenyl-d14	12.980	244	788971	109.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	48132	36.742	ng	98
3) Pyridine	3.504	79	124441	43.085	ng	98
4) n-Nitrosodimethylamine	3.463	42	108392	43.297	ng	98
6) Aniline	6.539	93	169624	52.445	ng	92
8) 2-Chlorophenol	6.663	128	154153	45.863	ng	99
9) Benzaldehyde	6.428	77	36531	14.753	ng	98
10) Phenol	6.522	94	207184	47.464	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	140875	42.462	ng	99
12) 1,3-Dichlorobenzene	6.816	146	164929	43.147	ng	98
13) 1,4-Dichlorobenzene	6.898	146	165072	42.734	ng	99
14) 1,2-Dichlorobenzene	7.045	146	156574	42.897	ng	99
15) Benzyl Alcohol	7.022	79	157580	46.085	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	249481	48.794	ng	100
17) 2-Methylphenol	7.128	107	123352	46.191	ng	99
18) Hexachloroethane	7.392	117	64843	44.072	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	121780	47.950	ng	100
20) 3+4-Methylphenols	7.281	107	169828	46.613	ng	98
22) Acetophenone	7.286	105	232213	44.484	ng	98
24) Nitrobenzene	7.463	77	184229	42.143	ng	99
25) Isophorone	7.698	82	315539	46.974	ng	99
26) 2-Nitrophenol	7.775	139	79802	46.857	ng	100
27) 2,4-Dimethylphenol	7.810	122	124960	55.623	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	173469	45.311	ng	98
29) 2,4-Dichlorophenol	8.016	162	131916	46.222	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	136915	41.173	ng	100
31) Naphthalene	8.181	128	458120	43.947	ng	100
32) Benzoic acid	7.928	122	92645	44.066	ng	98
33) 4-Chloroaniline	8.228	127	105019	32.931	ng	99
34) Hexachlorobutadiene	8.298	225	95303	42.184	ng	98
35) Caprolactam	8.598	113	24771	28.215	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	149035	45.692	ng	99
37) 2-Methylnaphthalene	8.875	142	296170	44.761	ng	99
38) 1-Methylnaphthalene	8.969	142	279654	43.050	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	147329	45.201	ng	98
41) Hexachlorocyclopentadiene	9.022	237	191579	168.339	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	97723	46.083	ng	97

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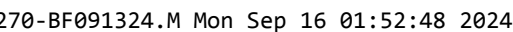
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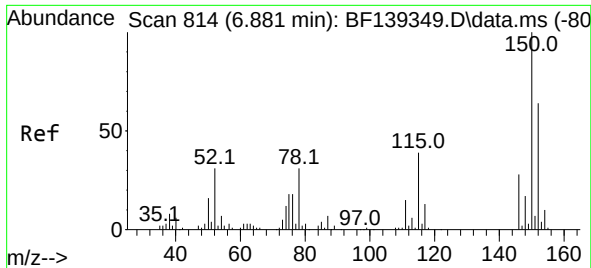
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	103374	46.214	ng	99
46) 1,1'-Biphenyl	9.339	154	378712	44.760	ng	99
47) 2-Chloronaphthalene	9.363	162	280339	44.314	ng	100
48) 2-Nitroaniline	9.457	65	110766	47.074	ng	98
49) Acenaphthylene	9.775	152	463275	48.648	ng	100
50) Dimethylphthalate	9.639	163	331862	45.974	ng	100
51) 2,6-Dinitrotoluene	9.698	165	72077	45.074	ng	99
52) Acenaphthene	9.951	154	343419	51.671	ng	98
53) 3-Nitroaniline	9.863	138	57791	36.162	ng	97
54) 2,4-Dinitrophenol	9.975	184	85802	96.293	ng	94
55) Dibenzofuran	10.122	168	427393	46.136	ng	98
56) 4-Nitrophenol	10.027	139	123006	93.020	ng	92
57) 2,4-Dinitrotoluene	10.098	165	101220	46.885	ng	96
58) Fluorene	10.463	166	341730	45.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	89388	48.308	ng	99
60) Diethylphthalate	10.333	149	347113	46.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	165720	45.115	ng	99
62) 4-Nitroaniline	10.480	138	75060	43.035	ng	98
63) Azobenzene	10.616	77	346376	47.277	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	53012	47.322	ng	97
66) n-Nitrosodiphenylamine	10.575	169	291519	46.978	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	97587	46.396	ng	100
68) Hexachlorobenzene	11.004	284	110004	44.562	ng	96
69) Atrazine	11.098	200	96484	65.310	ng	98
70) Pentachlorophenol	11.198	266	133986	90.456	ng	99
71) Phenanthrene	11.422	178	481574	47.028	ng	99
72) Anthracene	11.474	178	488288	48.770	ng	99
73) Carbazole	11.627	167	447329	46.682	ng	99
74) Di-n-butylphthalate	11.957	149	519497	48.666	ng	99
75) Fluoranthene	12.610	202	511563	46.779	ng	99
77) Benzidine	12.727	184	134501	79.328	ng	99
78) Pyrene	12.839	202	512964	50.482	ng	100
80) Butylbenzylphthalate	13.457	149	185190	53.543	ng	97
81) Benzo(a)anthracene	14.021	228	369185	47.096	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	92604	40.339	ng	98
83) Chrysene	14.063	228	346389	48.030	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	237450	53.967	ng	99
85) Di-n-octyl phthalate	14.627	149	328666	50.721	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	315692	48.541	ng	100
88) Benzo(b)fluoranthene	15.068	252	330605	49.012	ng	99
89) Benzo(k)fluoranthene	15.104	252	287032	46.151	ng	100
90) Benzo(a)pyrene	15.439	252	288583	51.585	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	259859	48.354	ng	99
92) Benzo(g,h,i)perylene	17.415	276	226851	42.633	ng	99

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

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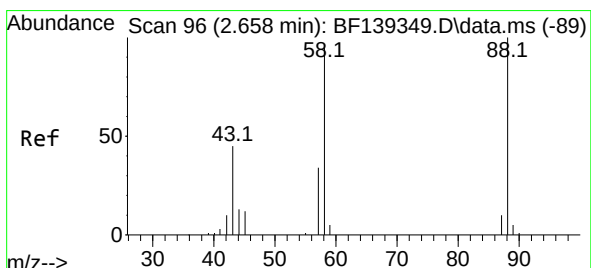
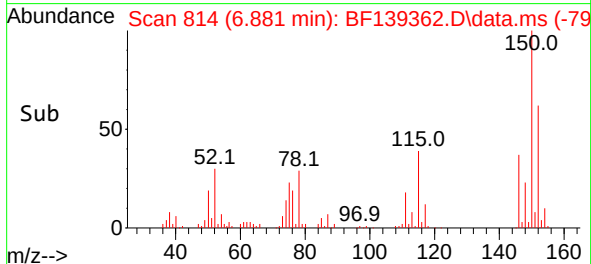
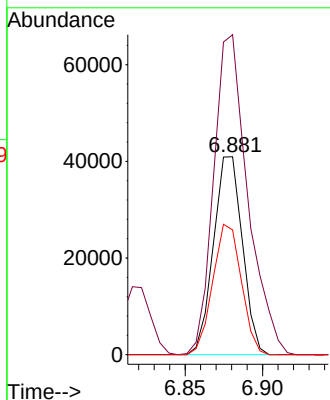
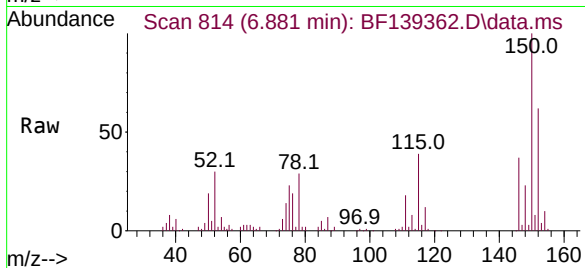




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

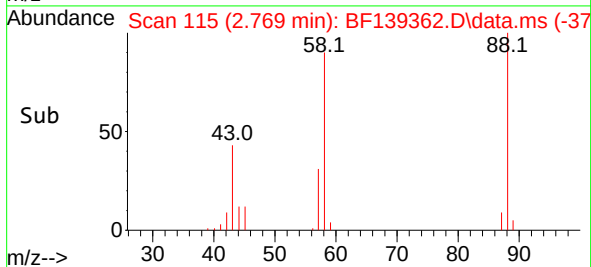
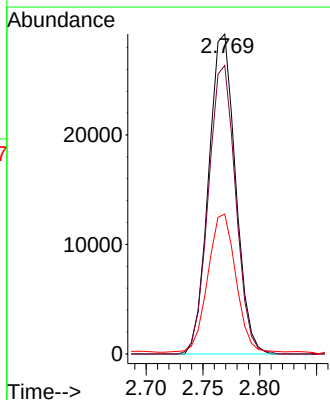
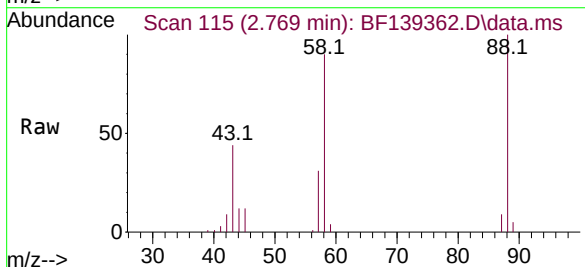
Instrument :
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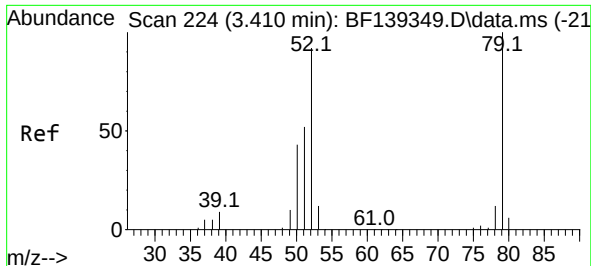
Tgt Ion:152 Resp: 53267
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.1 186.1
 115 63.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 36.742 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.112 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

Tgt Ion: 88 Resp: 48132
 Ion Ratio Lower Upper
 88 100
 58 91.3 74.8 112.2
 43 44.7 36.4 54.6





#3

Pyridine

Concen: 43.085 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

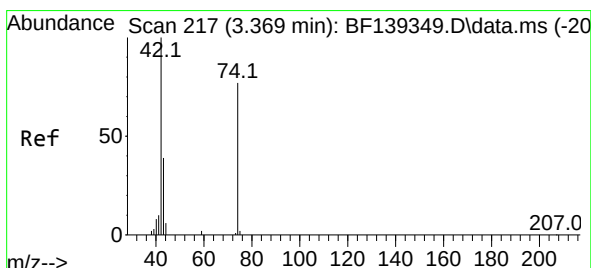
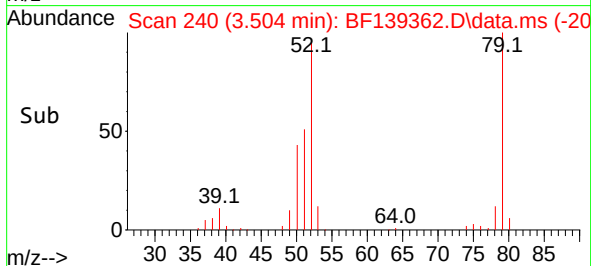
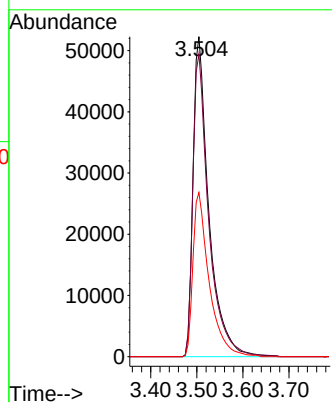
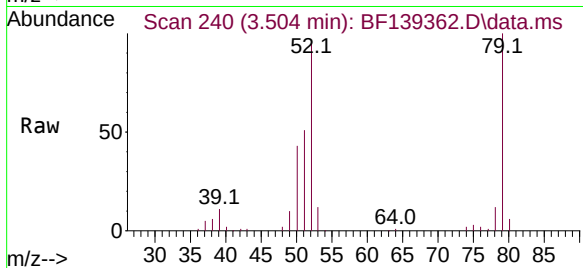
Tgt Ion: 79 Resp: 124441

Ion Ratio Lower Upper

79 100

52 94.7 73.8 110.8

51 51.3 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 43.297 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.094 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

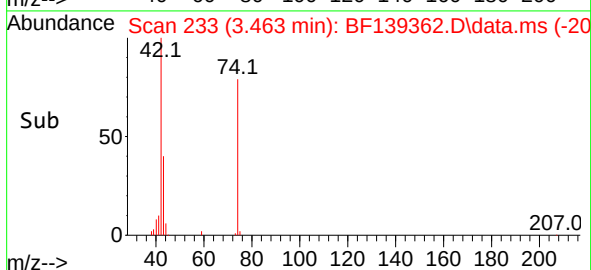
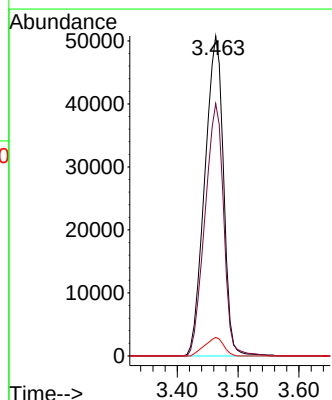
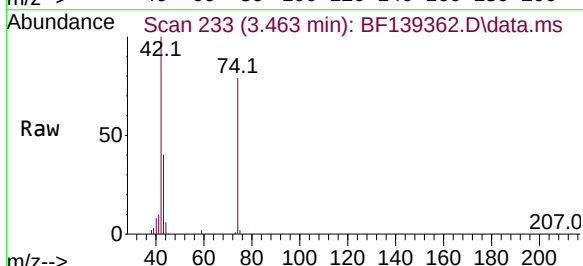
Tgt Ion: 42 Resp: 108392

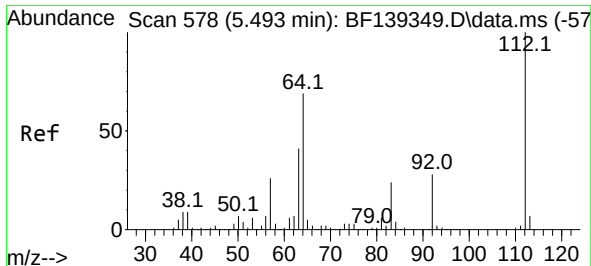
Ion Ratio Lower Upper

42 100

74 78.8 61.8 92.8

44 5.8 4.8 7.2

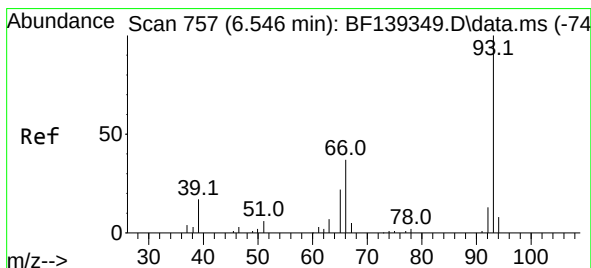
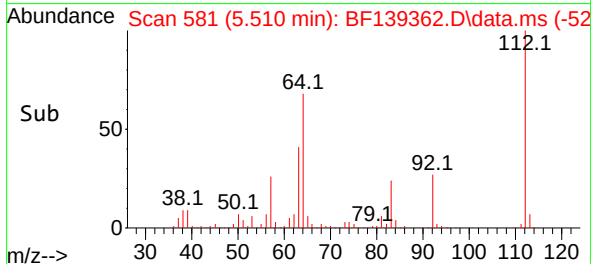
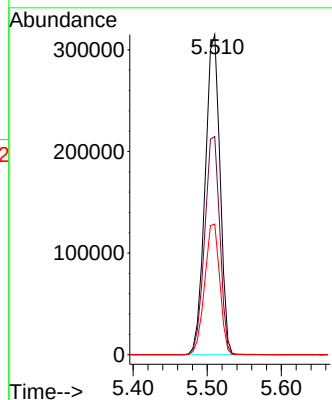
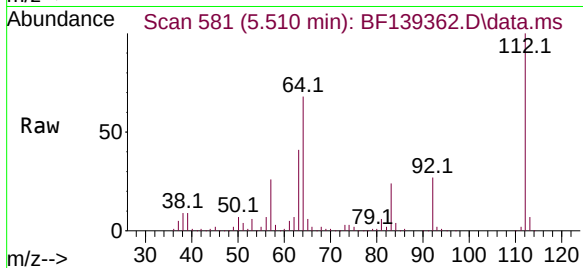




#5
2-Fluorophenol
Concen: 134.715 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

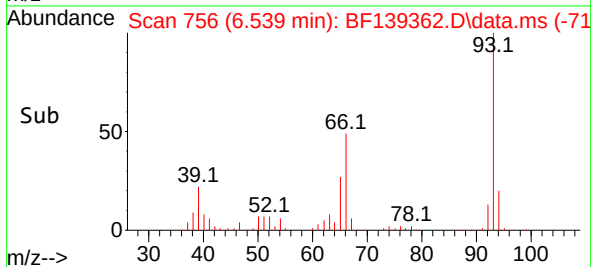
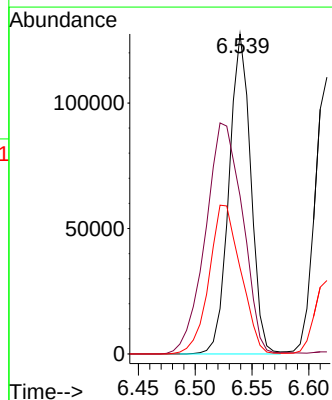
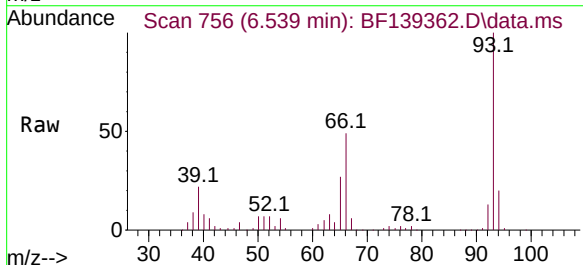
Instrument :
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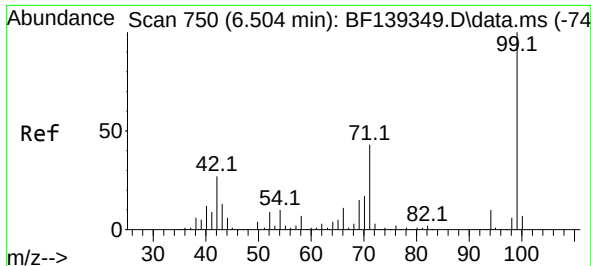
Tgt Ion:112 Resp: 439873
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 40.8 33.0 49.4



#6
Aniline
Concen: 52.445 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion: 93 Resp: 169624
Ion Ratio Lower Upper
93 100
66 49.4 35.4 53.0
65 26.9 18.2 27.4

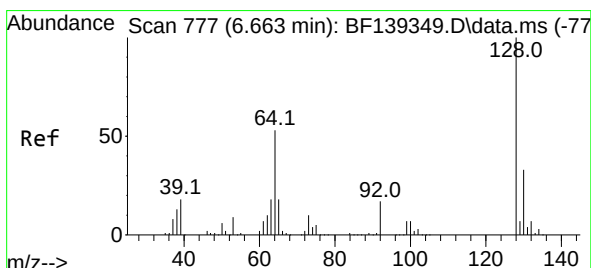
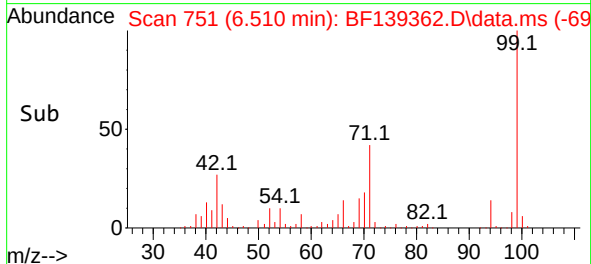
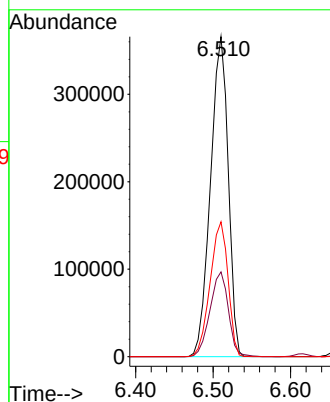
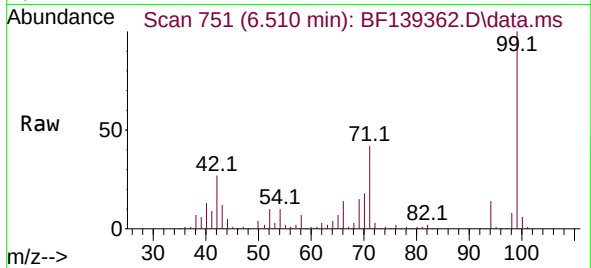




#7
Phenol-d6
Concen: 135.723 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

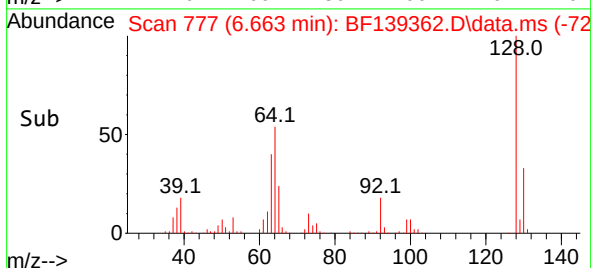
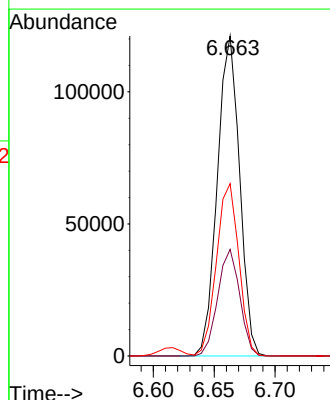
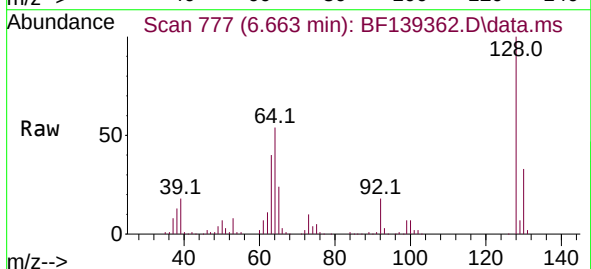
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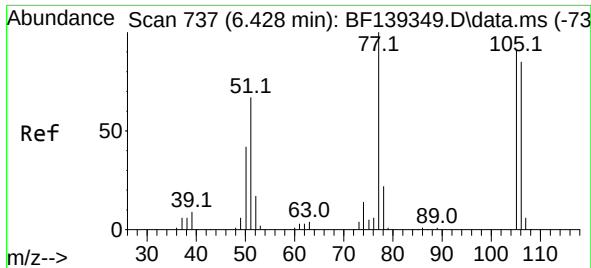
Tgt Ion: 99 Resp: 581684
Ion Ratio Lower Upper
99 100
42 26.5 21.9 32.9
71 42.1 34.6 52.0



#8
2-Chlorophenol
Concen: 45.863 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion: 128 Resp: 154153
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 14.753 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

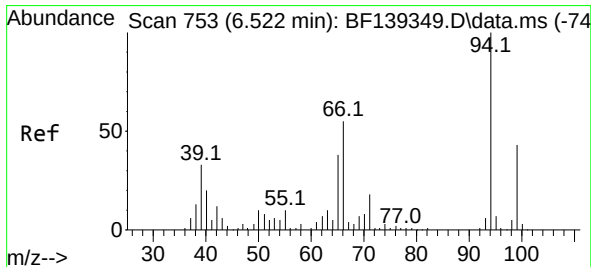
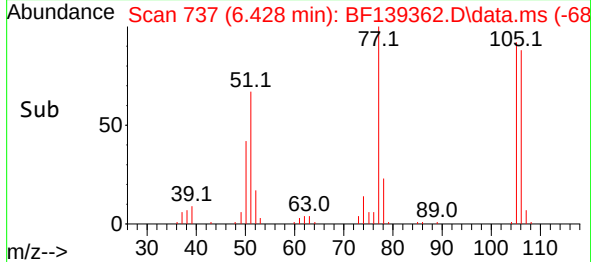
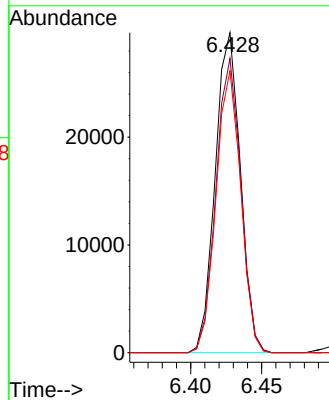
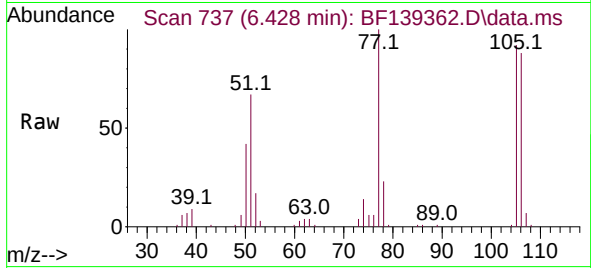
Tgt Ion: 77 Resp: 36531

Ion Ratio Lower Upper

77 100

105 92.0 71.0 111.0

106 88.1 64.9 104.9



#10

Phenol

Concen: 47.464 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

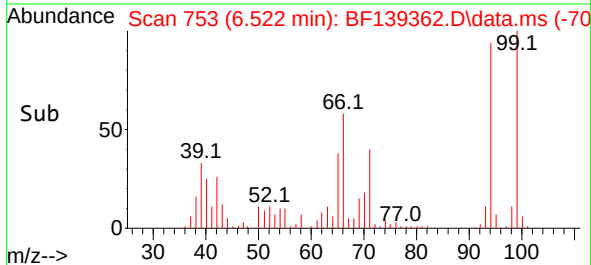
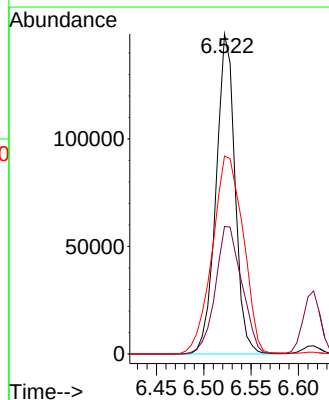
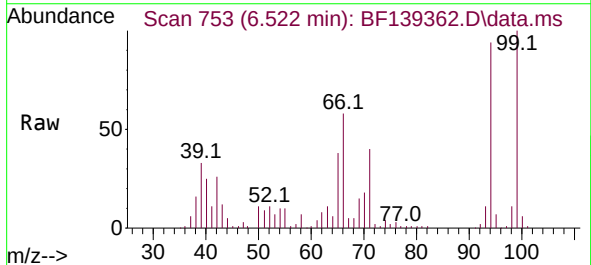
Tgt Ion: 94 Resp: 207184

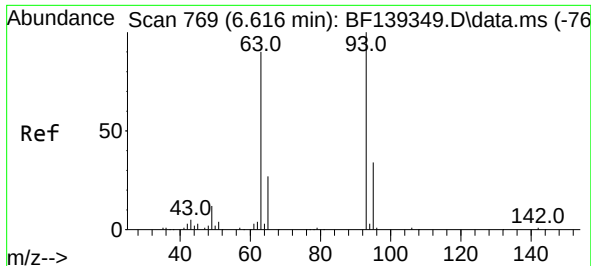
Ion Ratio Lower Upper

94 100

65 39.8 17.6 57.6

66 61.9 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 42.462 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

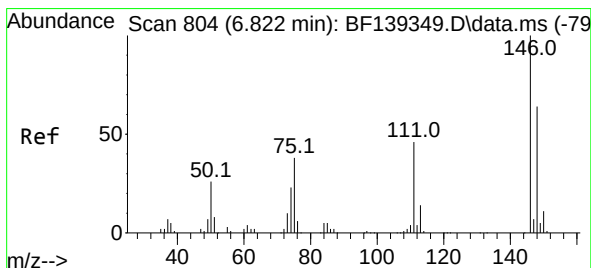
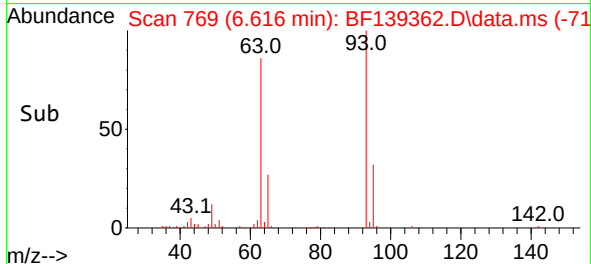
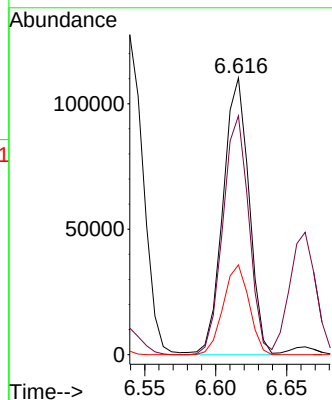
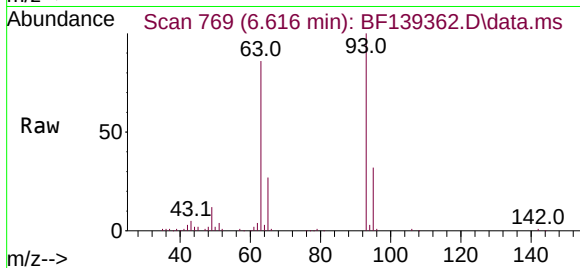
Tgt Ion: 93 Resp: 140875

Ion Ratio Lower Upper

93 100

63 86.3 65.3 105.3

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.147 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

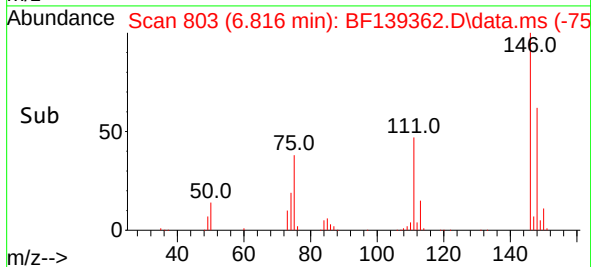
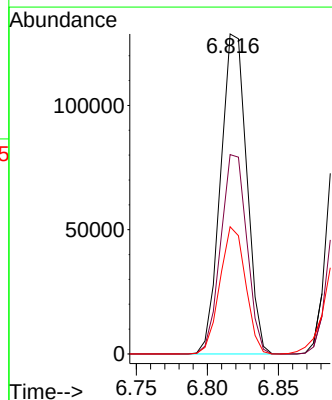
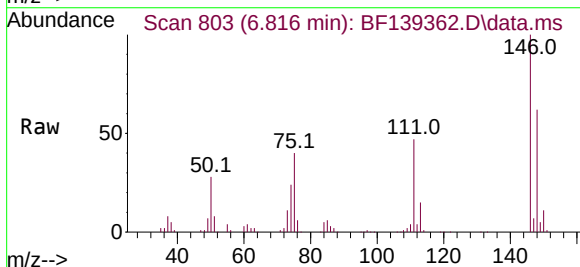
Tgt Ion: 146 Resp: 164929

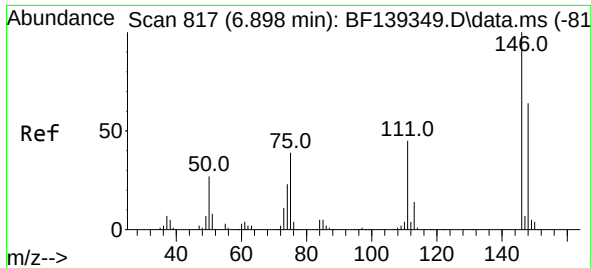
Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

75 39.8 30.6 46.0

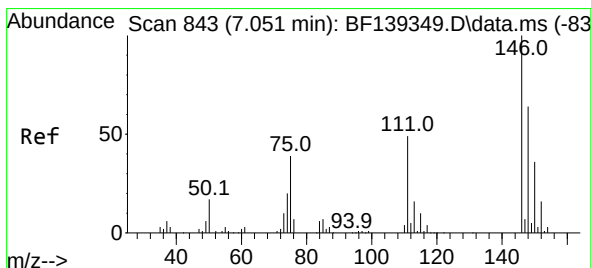
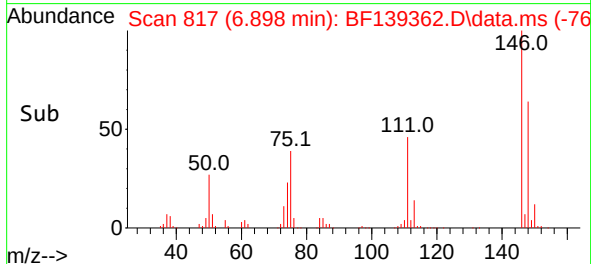
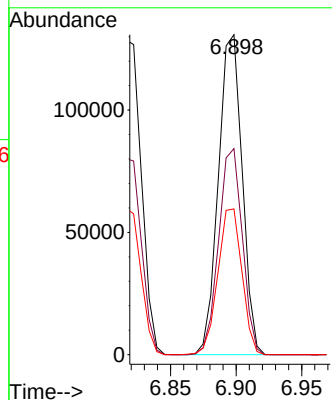
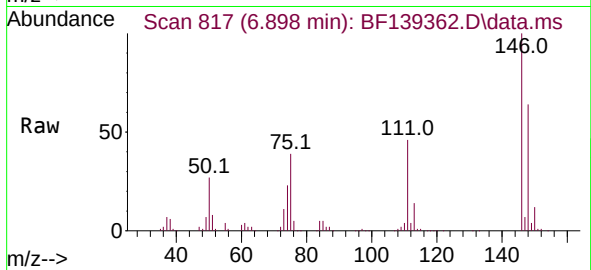




#13
1,4-Dichlorobenzene
Concen: 42.734 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

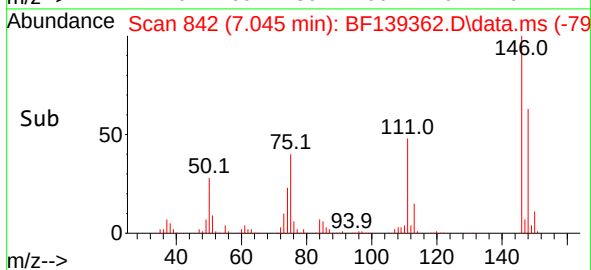
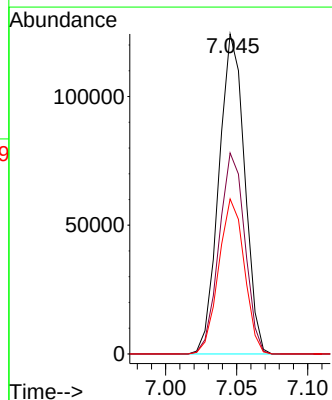
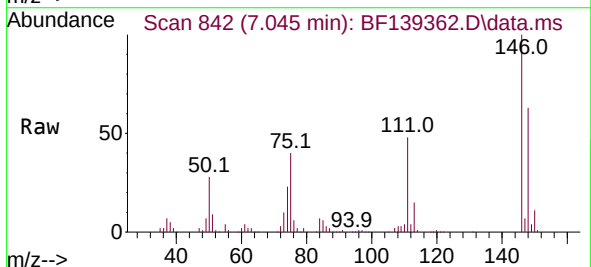
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

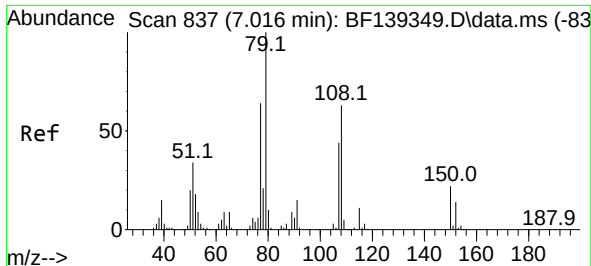
Tgt Ion:146 Resp: 165072
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 45.6 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 42.897 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:146 Resp: 156574
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 48.5 38.9 58.3

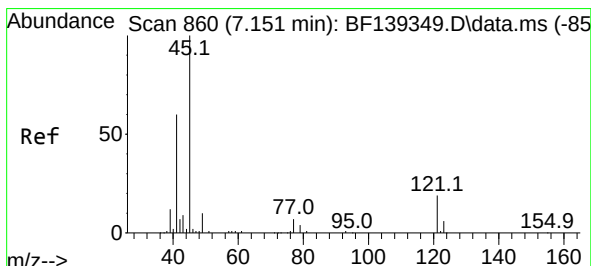
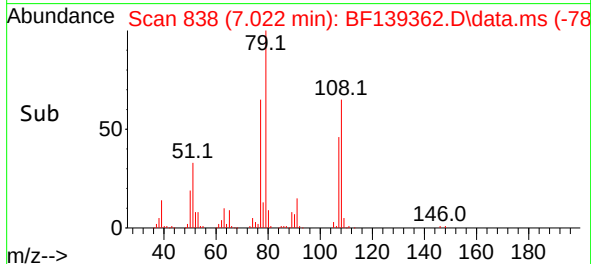
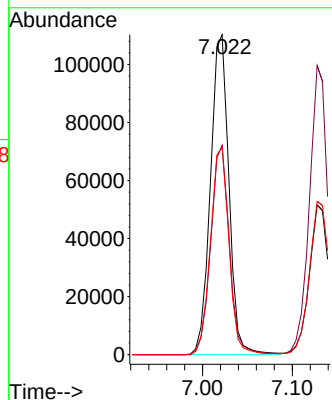
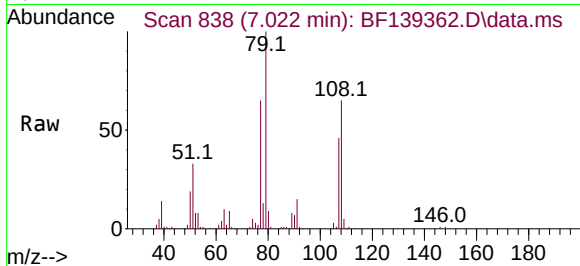




#15
Benzyl Alcohol
Concen: 46.085 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

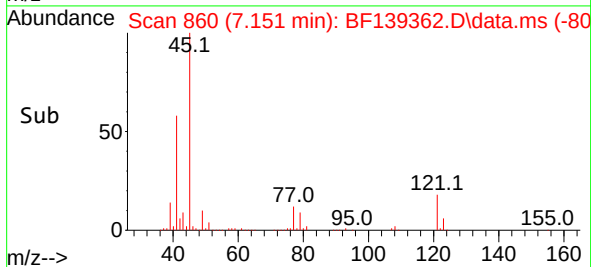
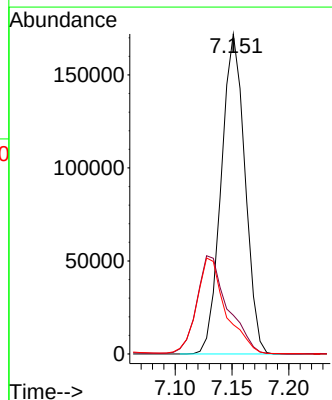
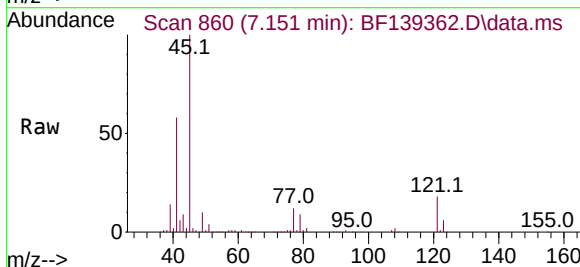
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

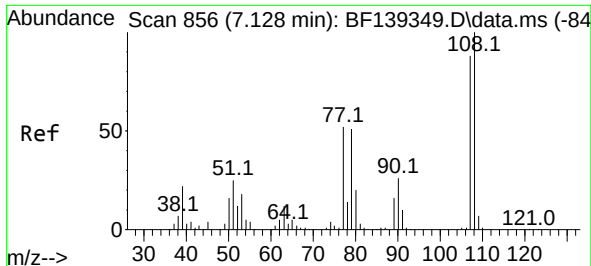
Tgt Ion: 79 Resp: 157580
Ion Ratio Lower Upper
79 100
108 65.4 50.4 75.6
77 64.9 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.794 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion: 45 Resp: 249481
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.2 0.0 29.1

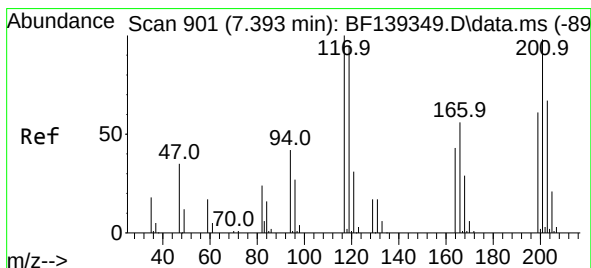
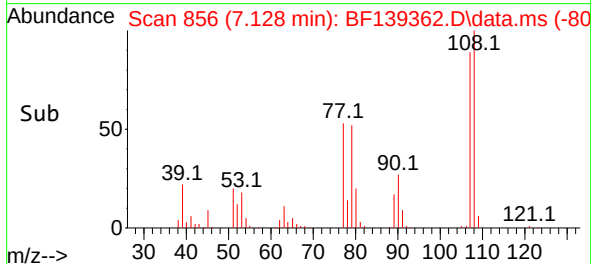
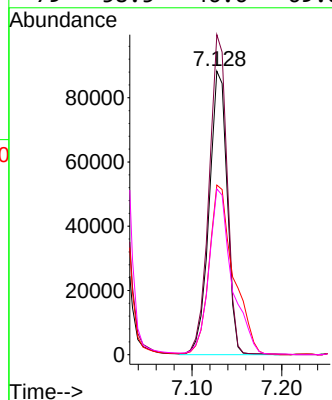
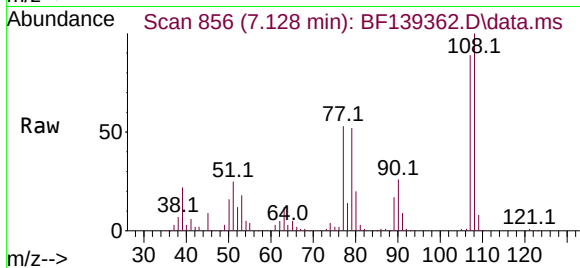




#17
2-Methylphenol
Concen: 46.191 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

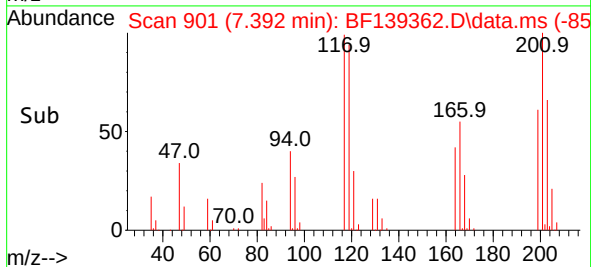
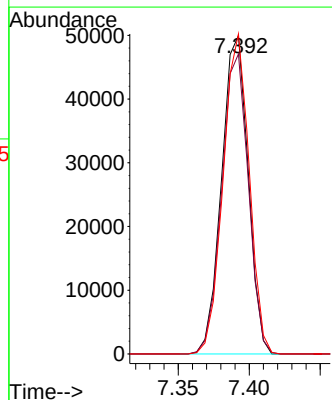
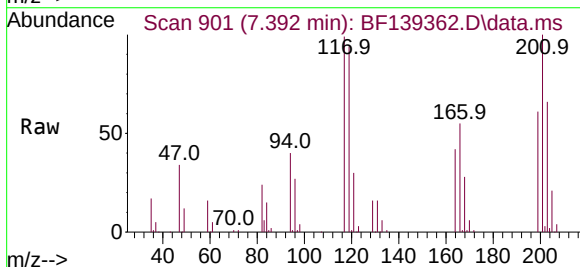
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

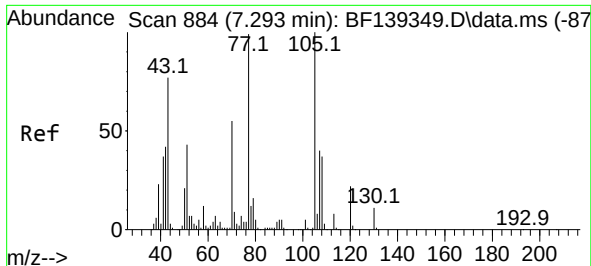
Tgt Ion:	107	Resp:	123352
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.5	135.7
77	59.9	47.1	70.7
79	58.5	46.6	69.8



#18
Hexachloroethane
Concen: 44.072 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:	117	Resp:	64843
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	100.5	78.6	118.0



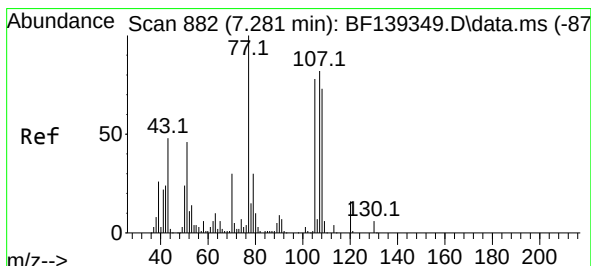
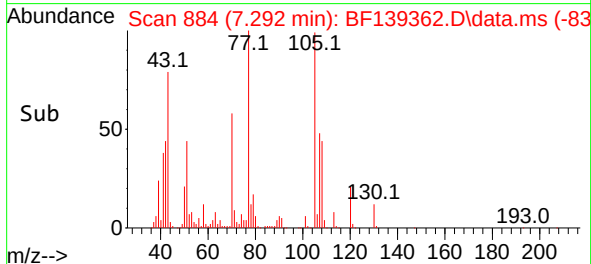
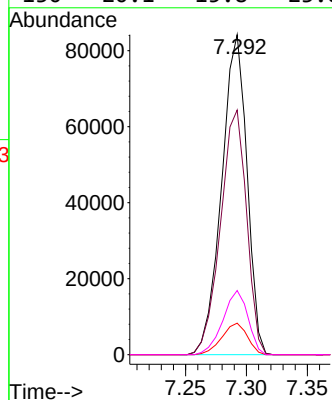
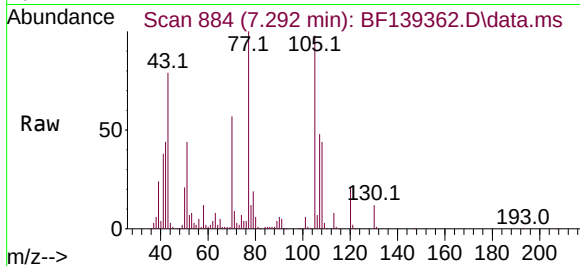


#19
n-Nitroso-di-n-propylamine
Concen: 47.950 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB163318BSD

Tgt Ion: 70 Resp: 121780

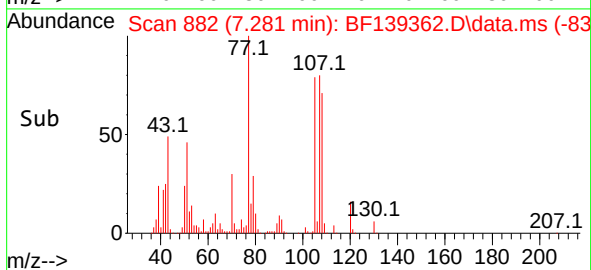
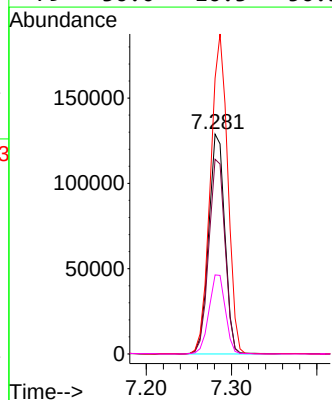
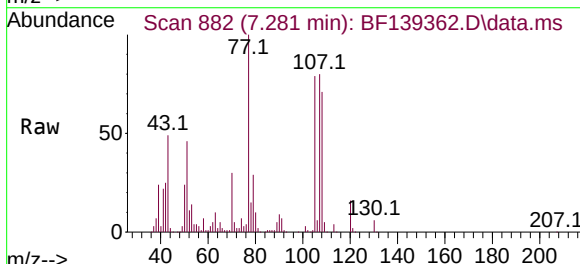
Ion	Ratio	Lower	Upper
70	100		
42	76.5	61.2	91.8
101	9.8	7.5	11.3
130	20.1	15.8	23.8

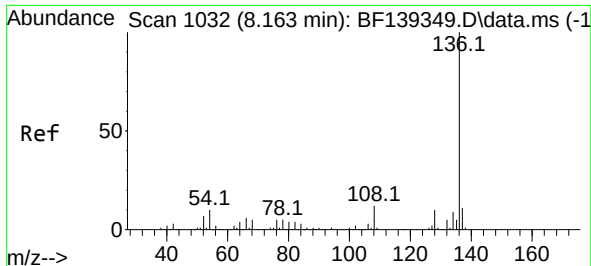


#20
3+4-Methylphenols
Concen: 46.613 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion: 107 Resp: 169828

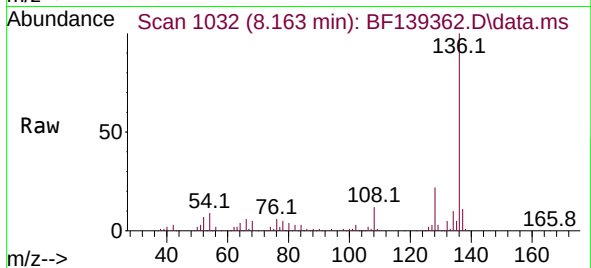
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	125.4	101.6	141.6
79	36.0	16.3	56.3



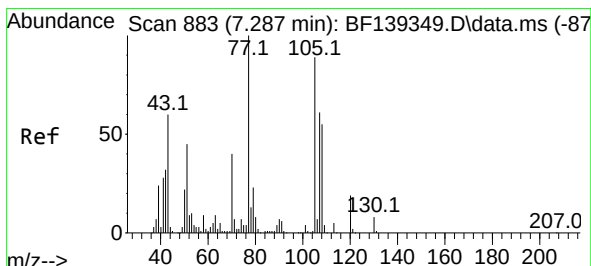
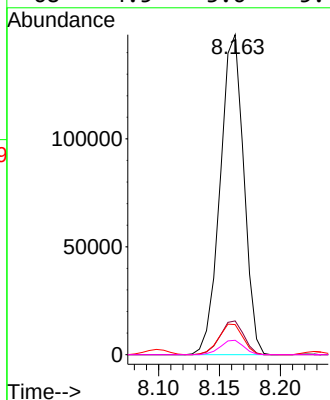
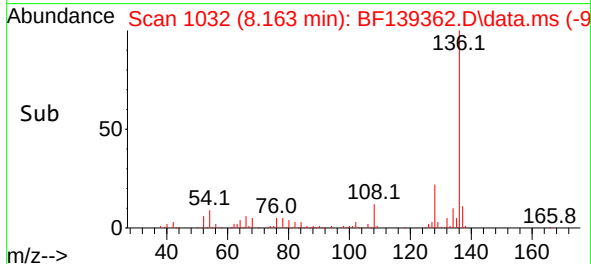


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

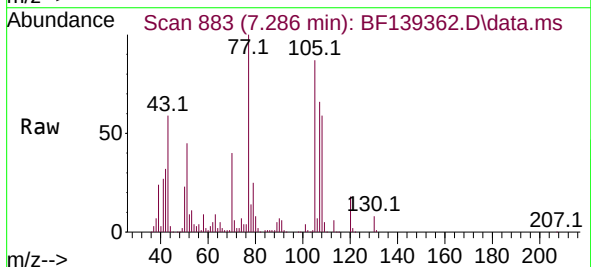
Instrument :
BNA_F
ClientSampleId :
PB163318BSD



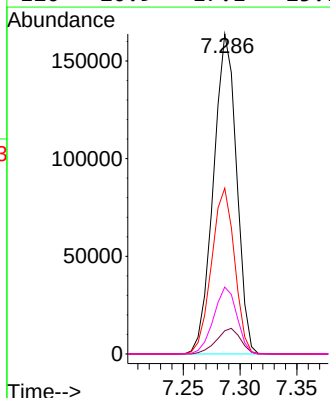
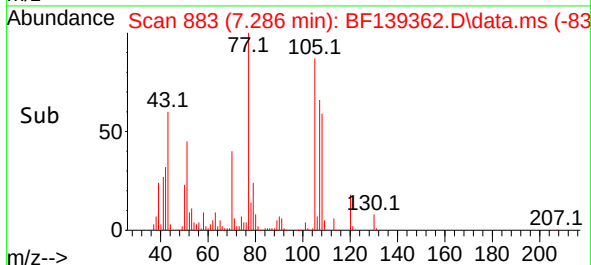
Tgt Ion:	136	Resp:	199677
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.4	7.8	11.8
68	4.5	3.6	5.4

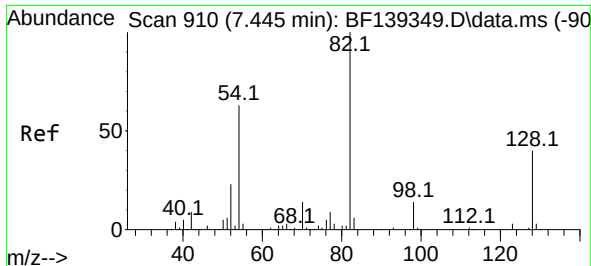


#22
Acetophenone
Concen: 44.484 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50



Tgt Ion:	105	Resp:	232213
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.9	8.9
51	51.8	40.0	60.0
120	20.9	17.1	25.7





#23

Nitrobenzene-d5

Concen: 92.218 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

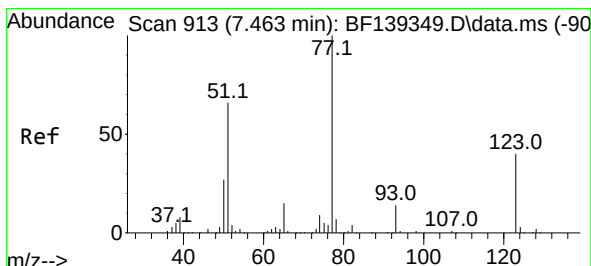
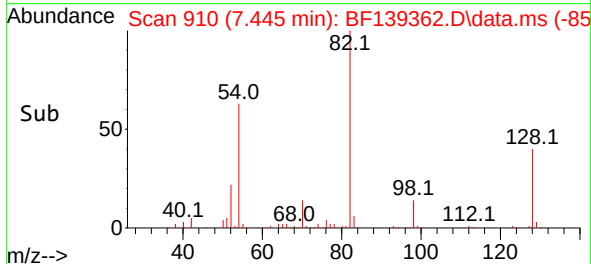
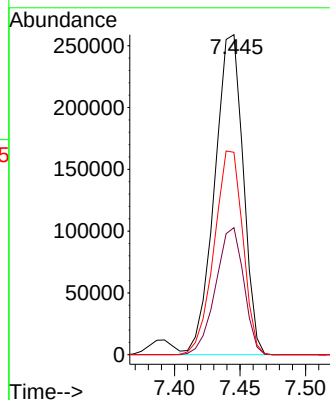
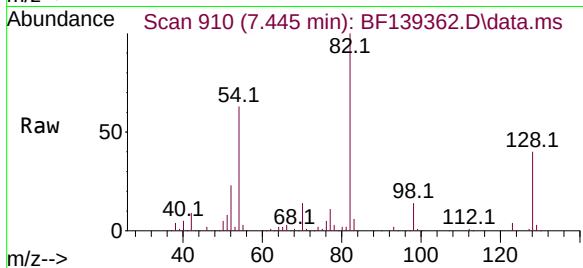
Tgt Ion: 82 Resp: 391689

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 63.2 50.6 75.8



#24

Nitrobenzene

Concen: 42.143 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

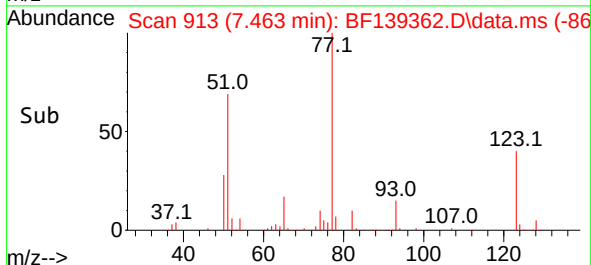
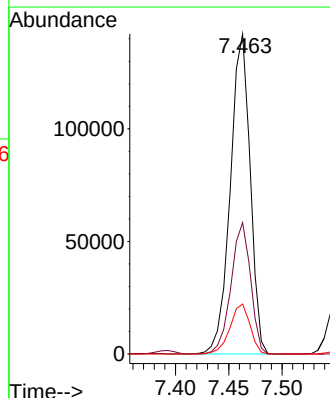
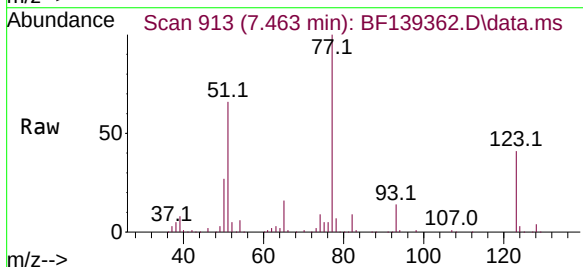
Tgt Ion: 77 Resp: 184229

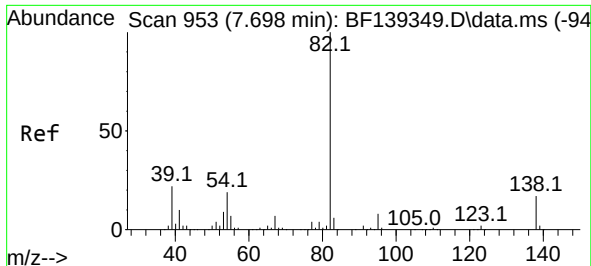
Ion Ratio Lower Upper

77 100

123 41.0 32.2 48.4

65 15.6 12.2 18.4

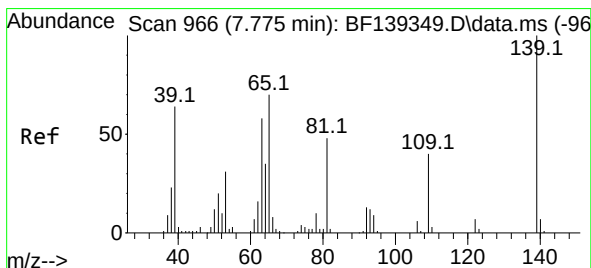
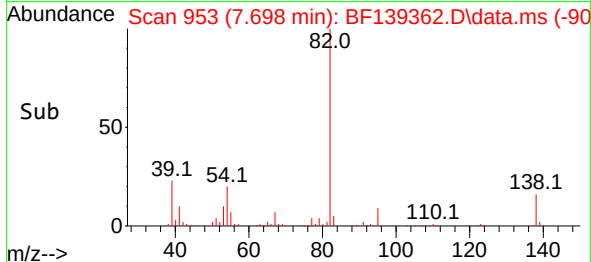
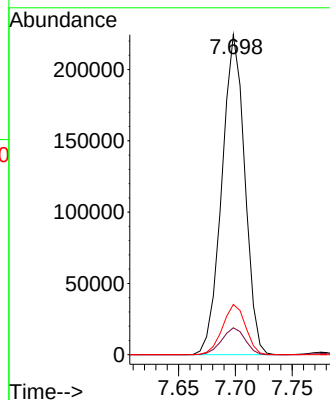
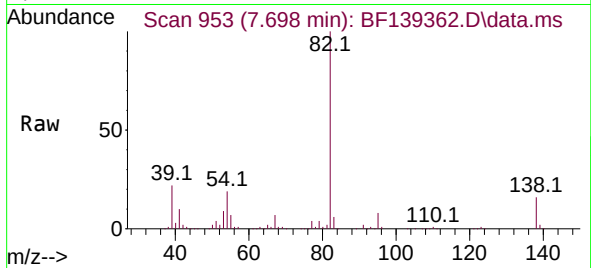




#25
Isophorone
Concen: 46.974 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

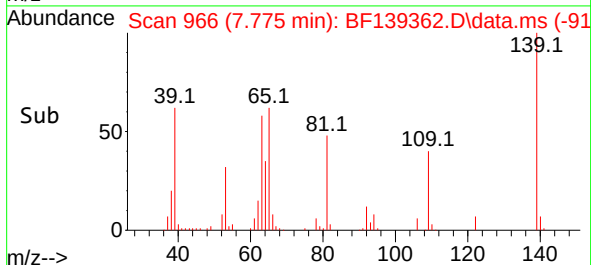
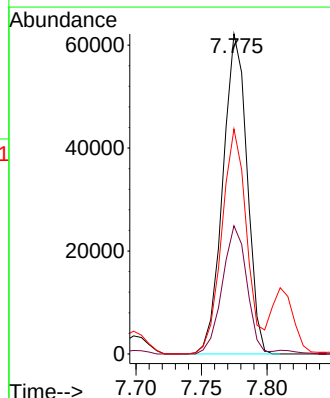
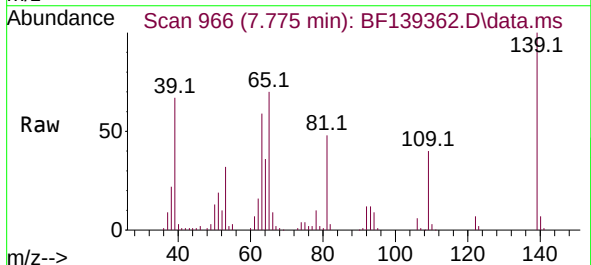
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

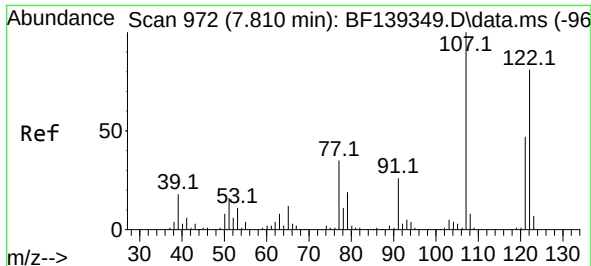
Tgt Ion: 82 Resp: 315539
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 15.7 13.3 19.9



#26
2-Nitrophenol
Concen: 46.857 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:139 Resp: 79802
Ion Ratio Lower Upper
139 100
109 40.1 32.2 48.2
65 70.3 55.8 83.8

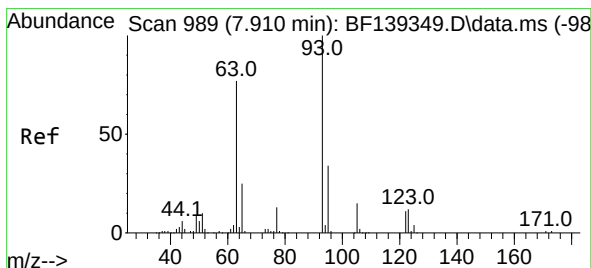
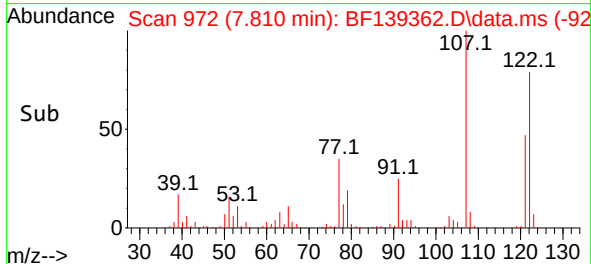
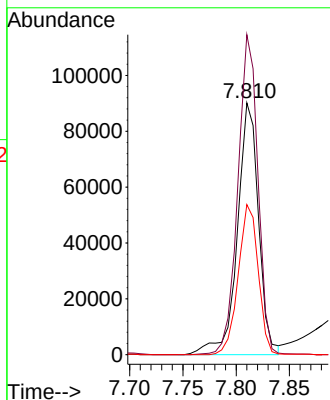
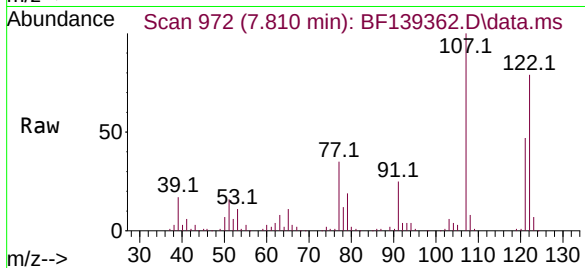




#27
2,4-Dimethylphenol
Concen: 55.623 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

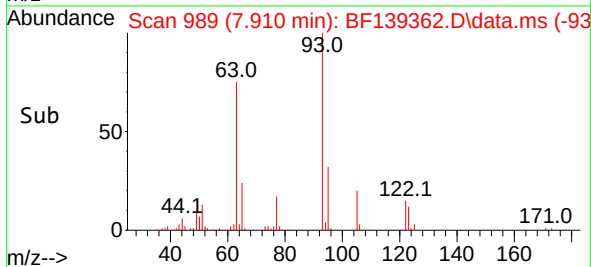
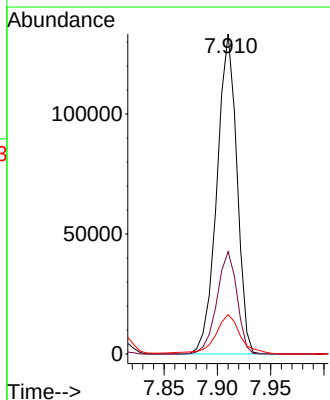
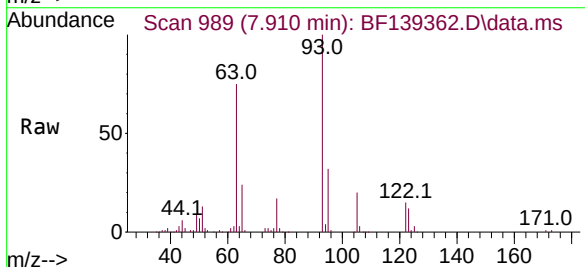
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

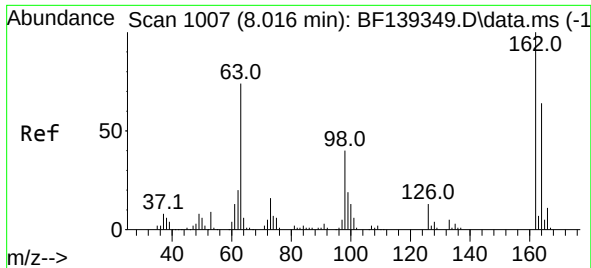
Tgt Ion:122 Resp: 124960
Ion Ratio Lower Upper
122 100
107 127.1 99.1 148.7
121 59.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.311 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion: 93 Resp: 173469
Ion Ratio Lower Upper
93 100
95 32.0 26.9 40.3
123 12.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 46.222 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

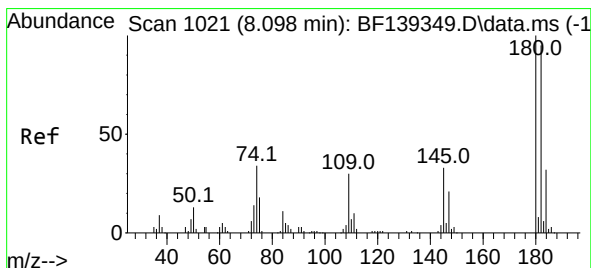
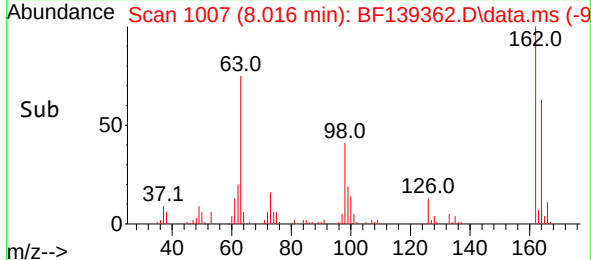
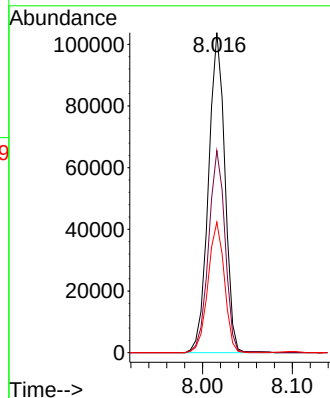
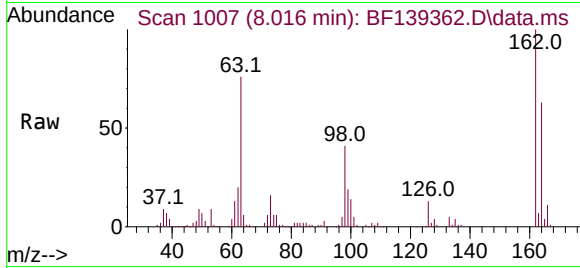
Tgt Ion:162 Resp: 131916

Ion Ratio Lower Upper

162 100

164 63.1 43.6 83.6

98 40.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.173 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

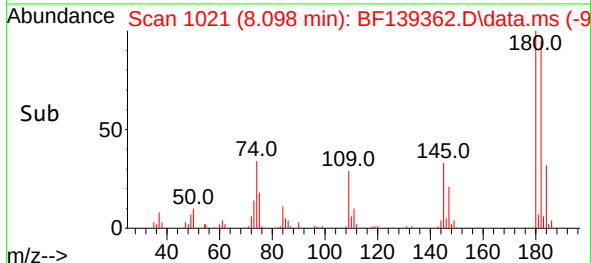
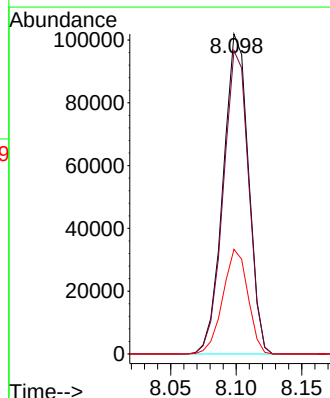
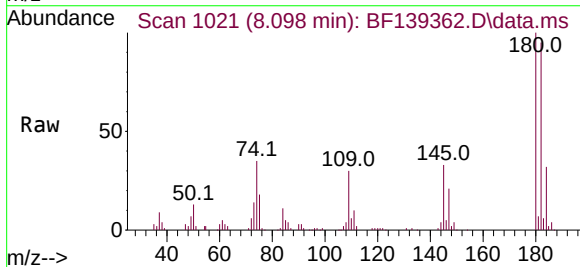
Tgt Ion:180 Resp: 136915

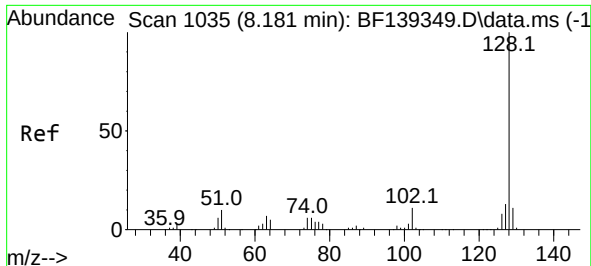
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 32.7 26.5 39.7

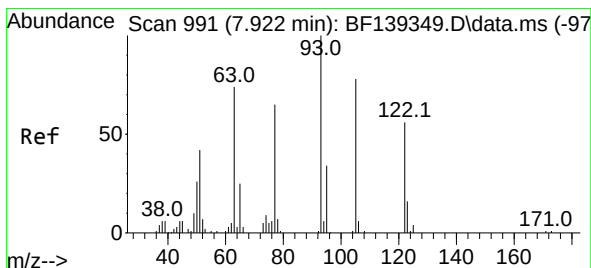
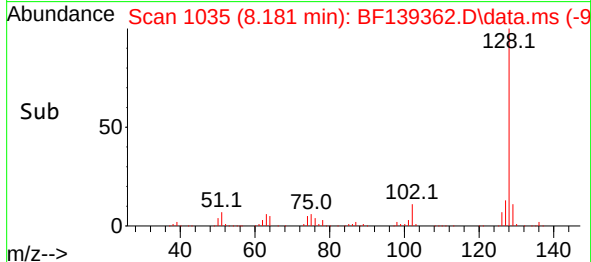
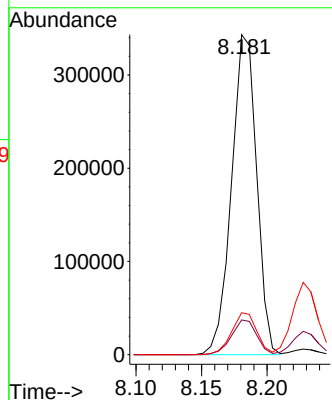
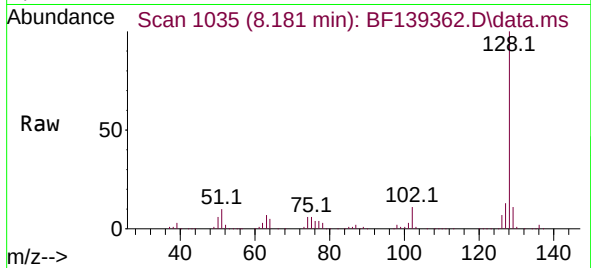




#31
Naphthalene
Concen: 43.947 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

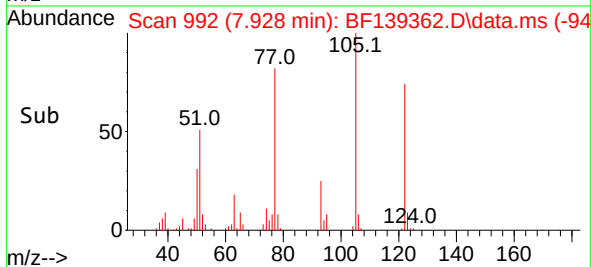
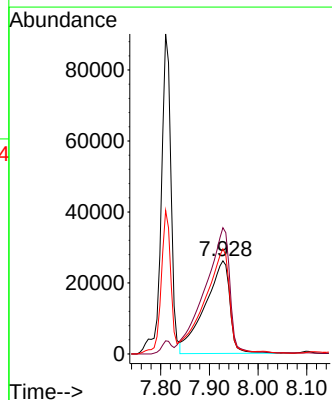
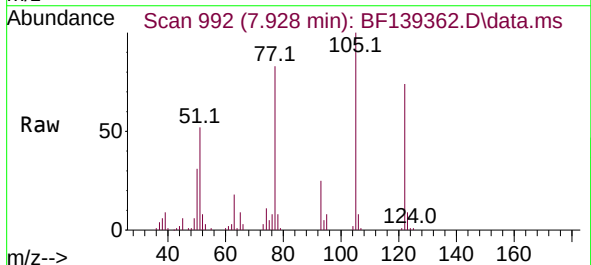
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

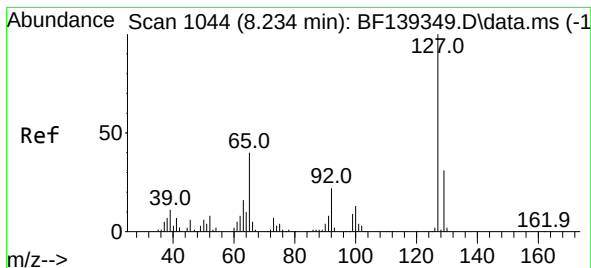
Tgt Ion:128 Resp: 458120
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 44.066 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:122 Resp: 92645
Ion Ratio Lower Upper
122 100
105 135.6 117.1 157.1
77 113.0 95.4 135.4





#33

4-Chloroaniline

Concen: 32.931 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

Tgt Ion:127 Resp: 105019

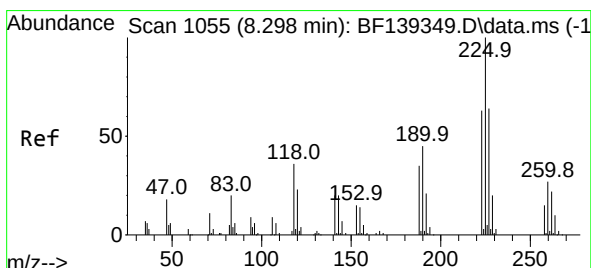
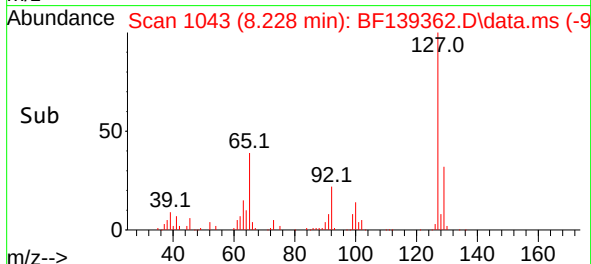
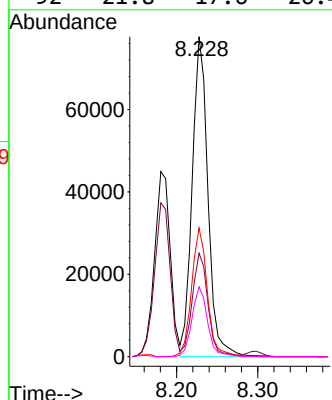
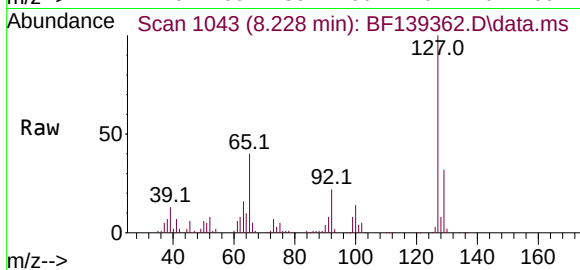
Ion Ratio Lower Upper

127 100

129 32.3 25.5 38.3

65 40.3 31.5 47.3

92 21.8 17.6 26.4



#34

Hexachlorobutadiene

Concen: 42.184 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

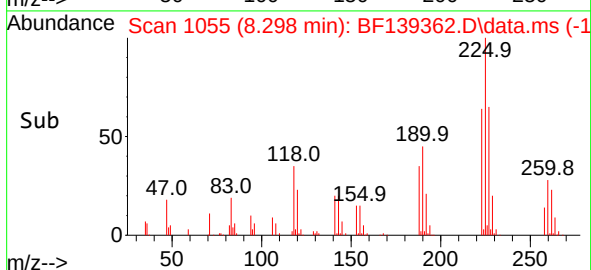
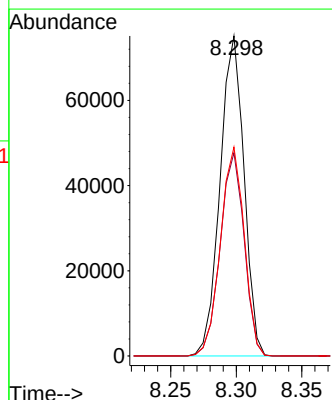
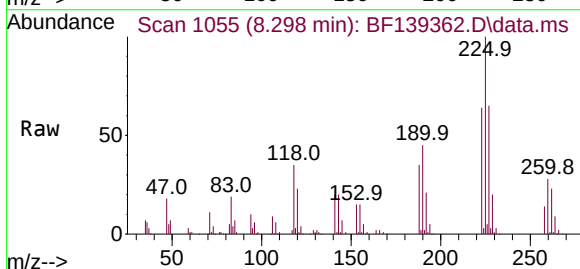
Tgt Ion:225 Resp: 95303

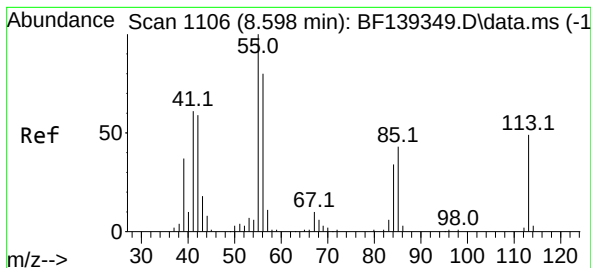
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 65.3 51.0 76.6





#35

Caprolactam

Concen: 28.215 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

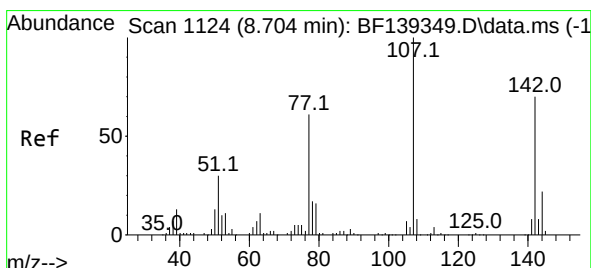
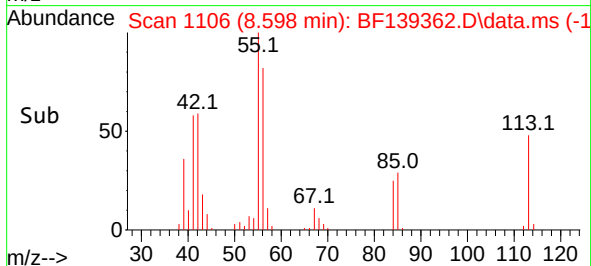
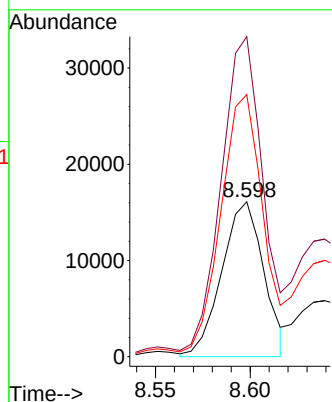
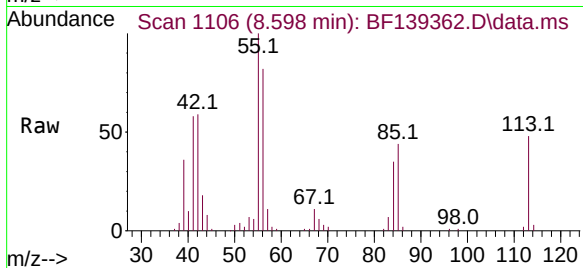
Tgt Ion:113 Resp: 24771

Ion Ratio Lower Upper

113 100

55 206.7 186.1 226.1

56 169.3 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 45.692 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

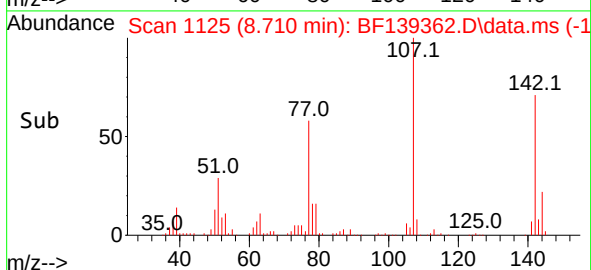
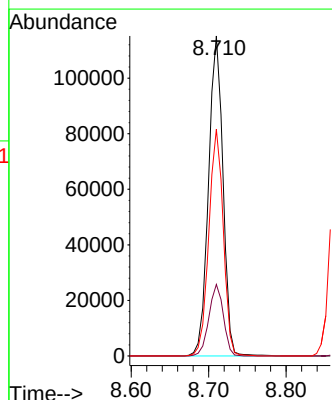
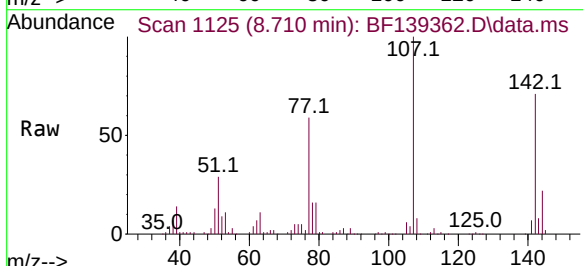
Tgt Ion:107 Resp: 149035

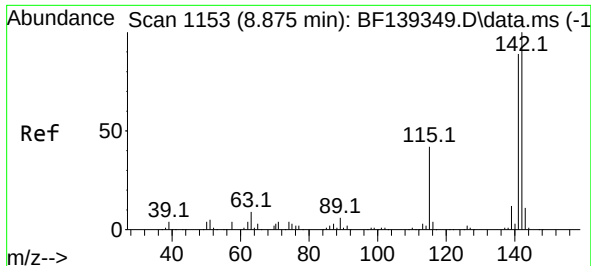
Ion Ratio Lower Upper

107 100

144 22.3 17.5 26.3

142 70.9 55.8 83.8

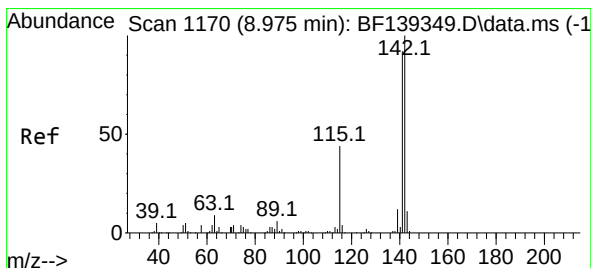
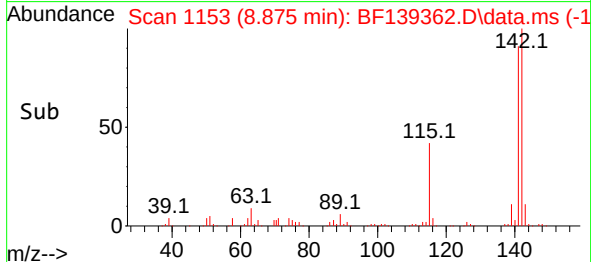
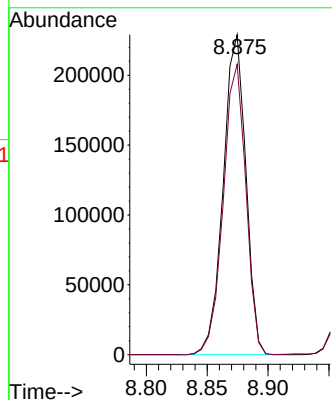
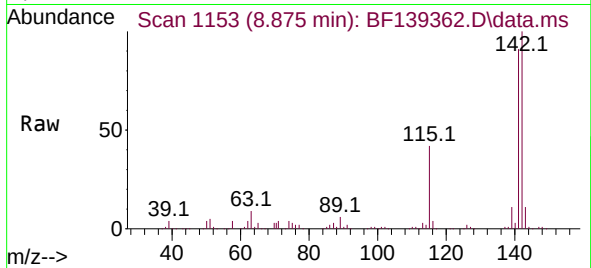




#37
2-Methylnaphthalene
Concen: 44.761 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

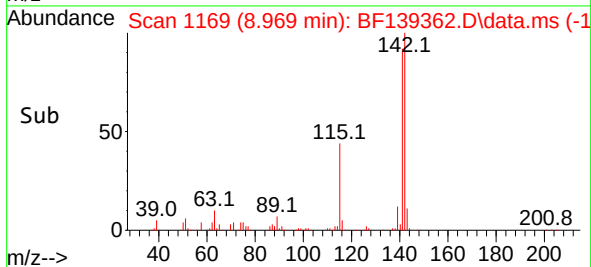
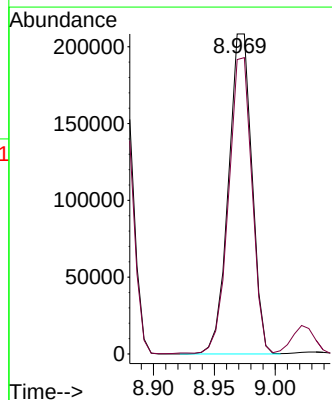
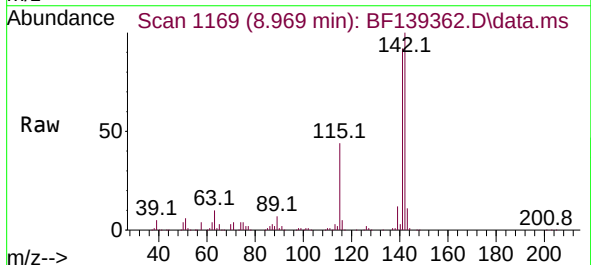
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

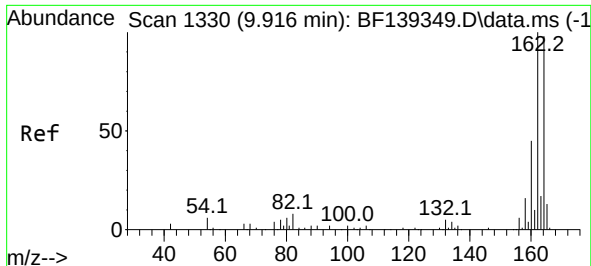
Tgt Ion:142 Resp: 296170
Ion Ratio Lower Upper
142 100
141 90.8 71.6 107.4



#38
1-Methylnaphthalene
Concen: 43.050 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:142 Resp: 279654
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

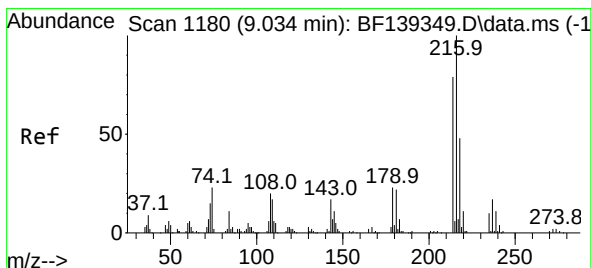
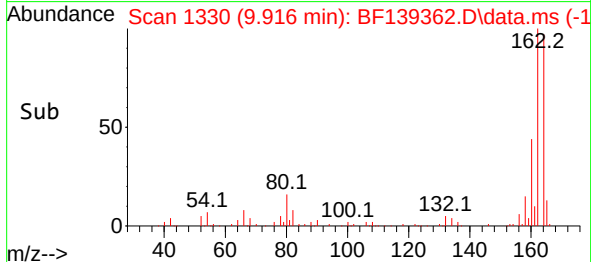
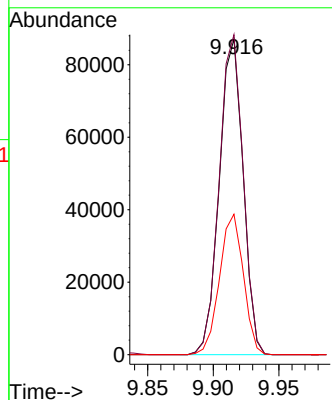
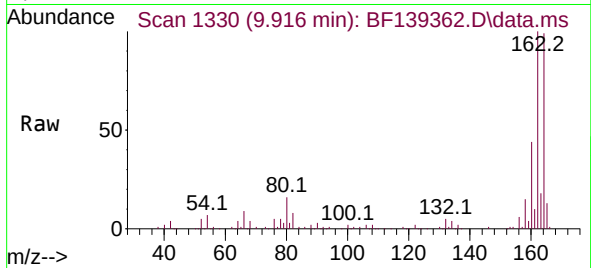




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

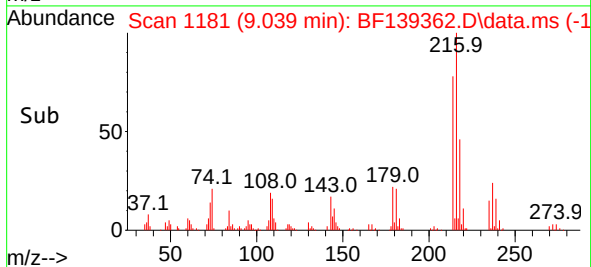
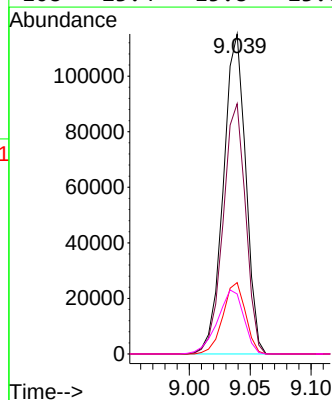
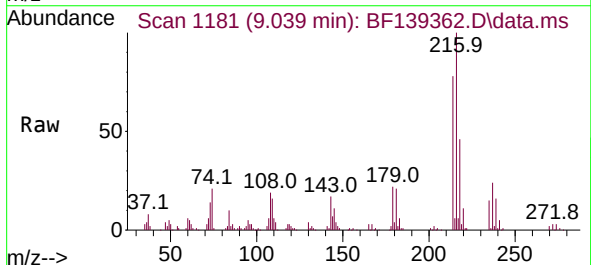
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

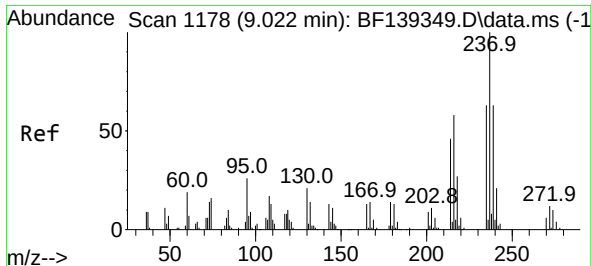
Tgt Ion:164 Resp: 109979
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.201 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:216 Resp: 147329
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 22.5 18.2 27.2
108 23.4 15.8 23.6

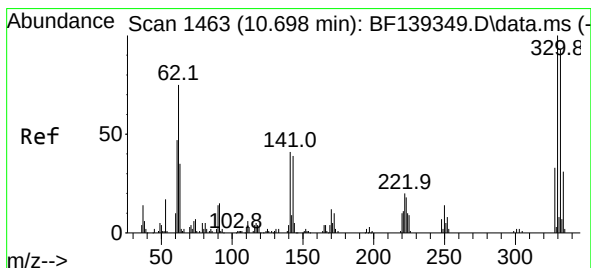
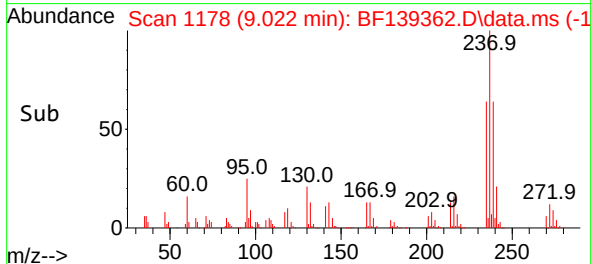
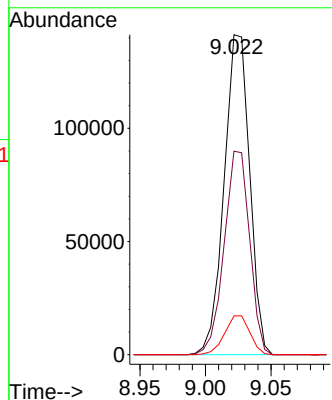
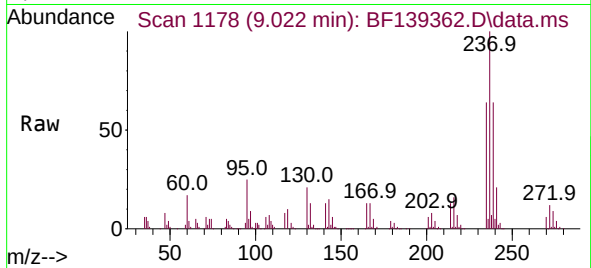




#41
Hexachlorocyclopentadiene
Concen: 168.339 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

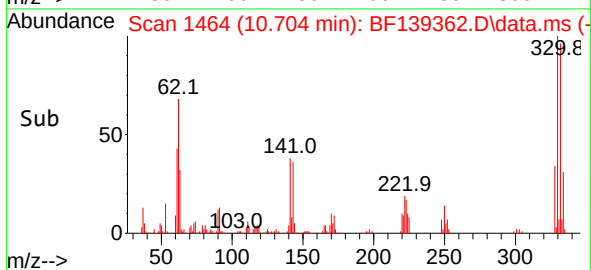
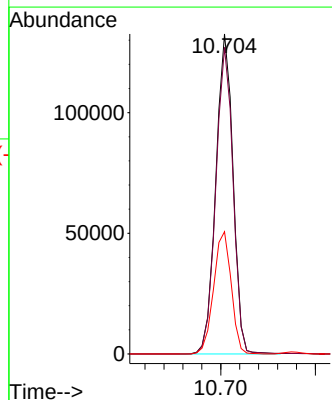
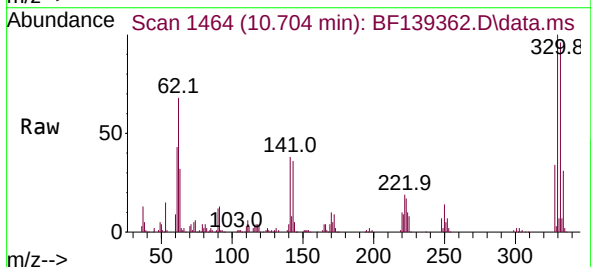
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

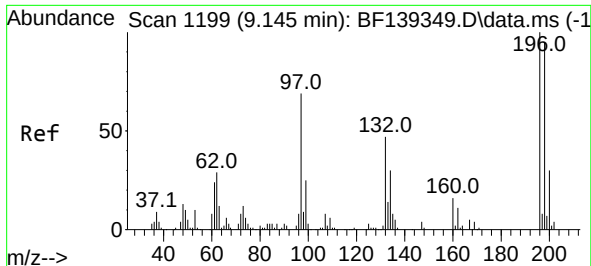
Tgt Ion:237 Resp: 191579
Ion Ratio Lower Upper
237 100
235 63.6 42.7 82.7
272 12.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 142.776 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:330 Resp: 167171
Ion Ratio Lower Upper
330 100
332 96.2 75.2 112.8
141 39.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 46.083 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

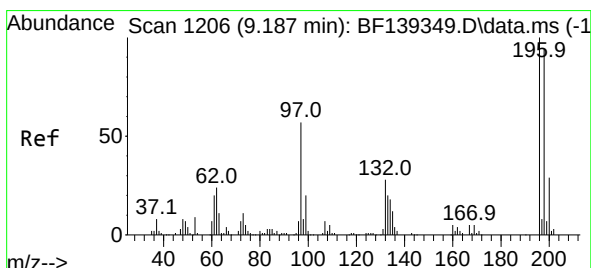
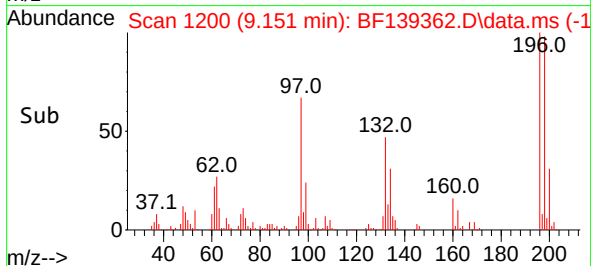
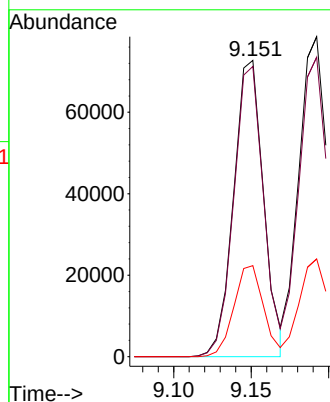
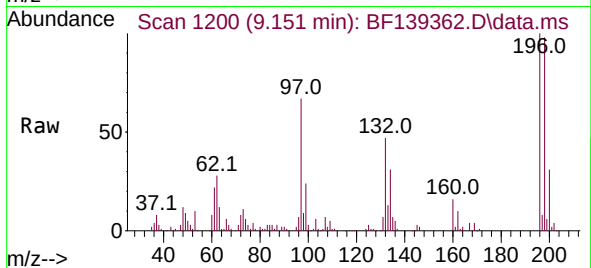
Tgt Ion:196 Resp: 97723

Ion Ratio Lower Upper

196 100

198 97.9 75.8 113.6

200 30.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.214 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Tgt Ion:196 Resp: 103374

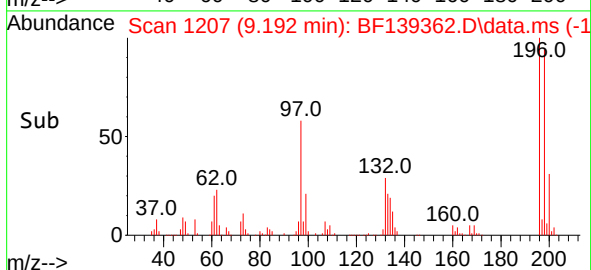
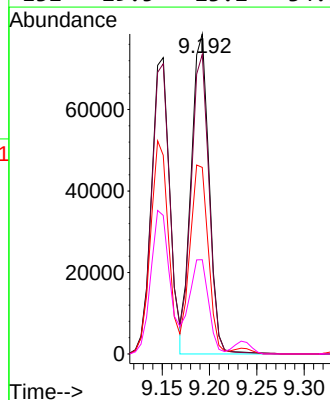
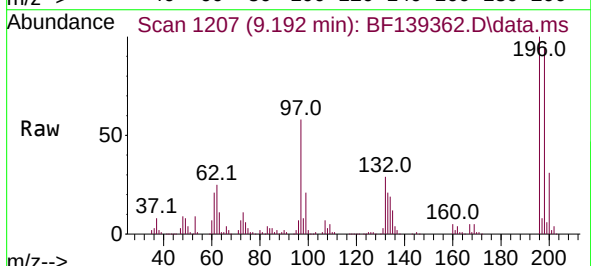
Ion Ratio Lower Upper

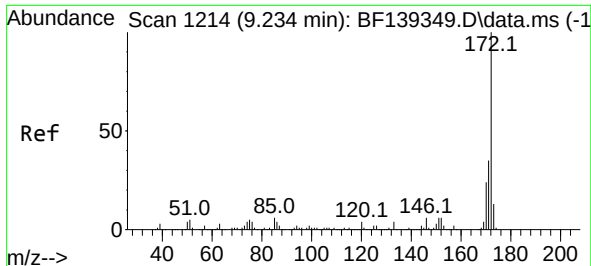
196 100

198 93.6 74.8 112.2

97 58.3 47.3 70.9

132 29.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 93.361 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

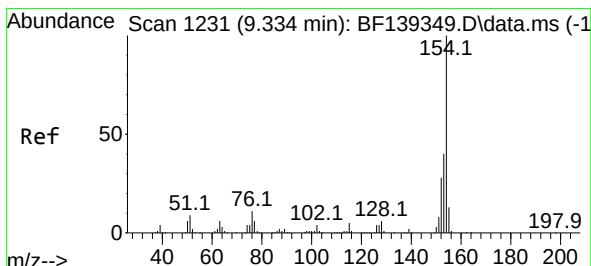
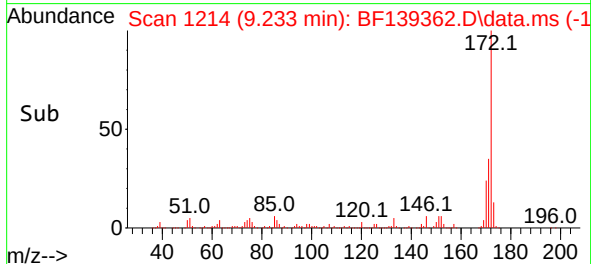
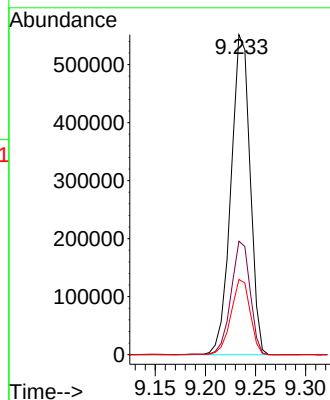
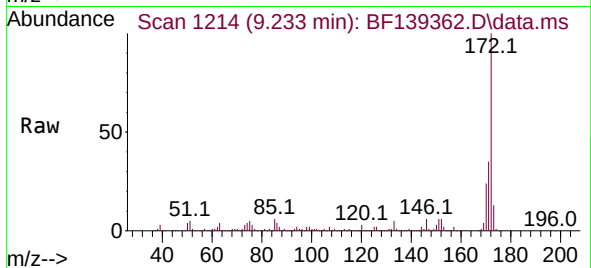
Tgt Ion:172 Resp: 732093

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.760 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

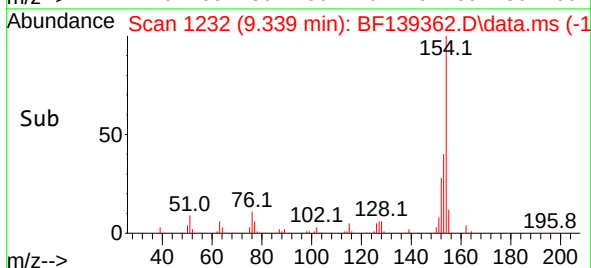
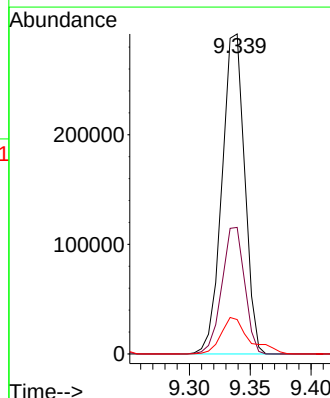
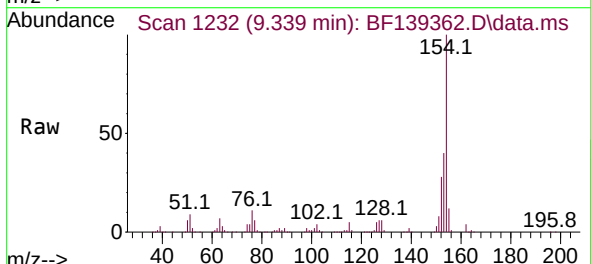
Tgt Ion:154 Resp: 378712

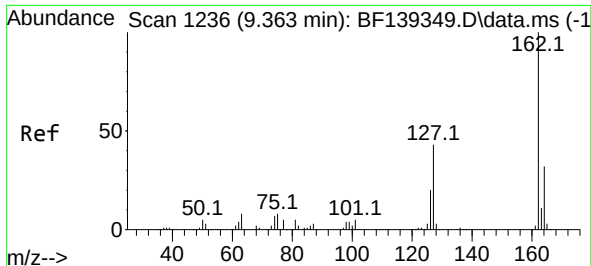
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.314 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

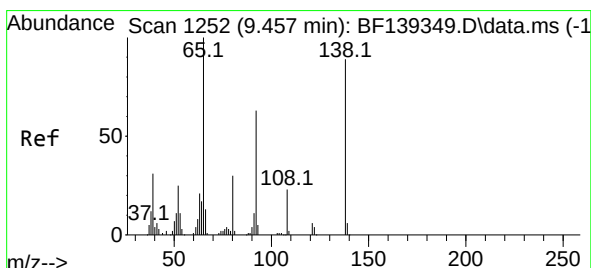
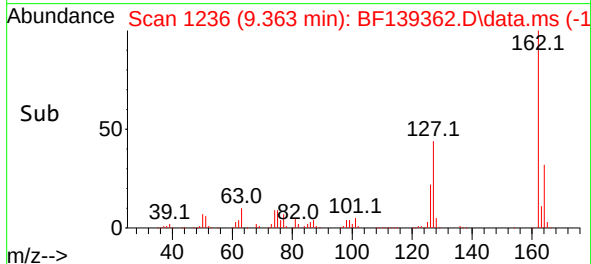
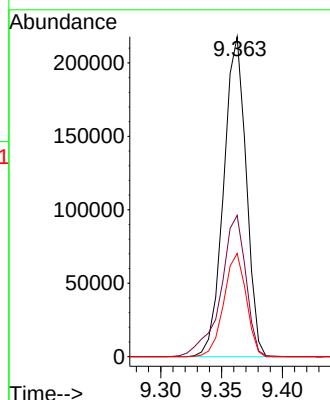
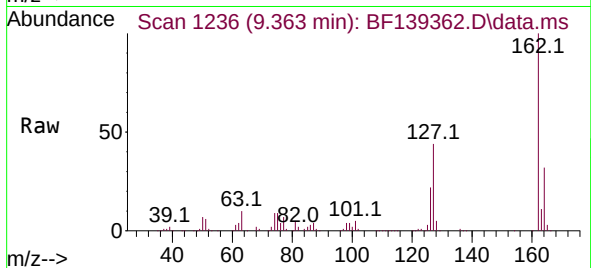
Tgt Ion:162 Resp: 280339

Ion Ratio Lower Upper

162 100

127 44.2 35.0 52.4

164 32.2 25.8 38.6



#48

2-Nitroaniline

Concen: 47.074 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

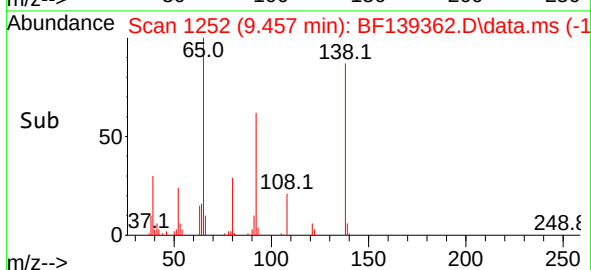
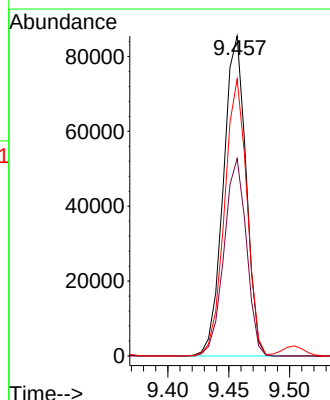
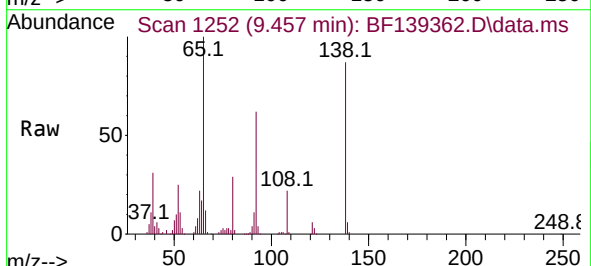
Tgt Ion: 65 Resp: 110766

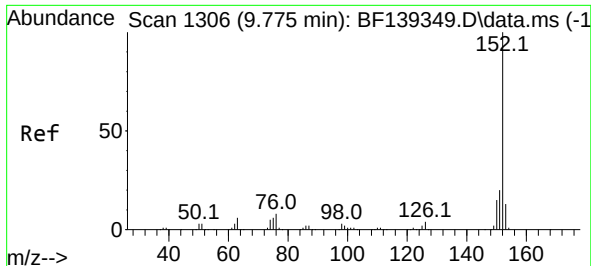
Ion Ratio Lower Upper

65 100

92 61.7 50.3 75.5

138 86.6 71.3 106.9

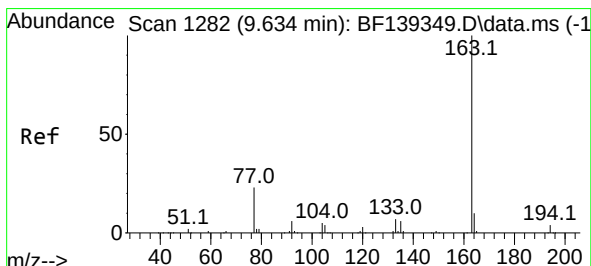
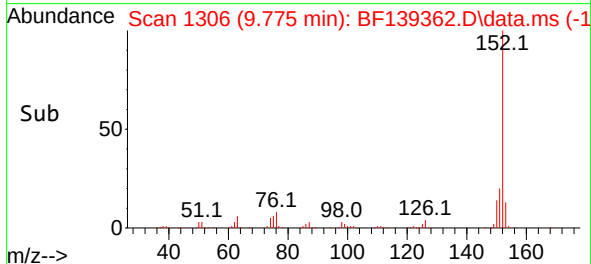
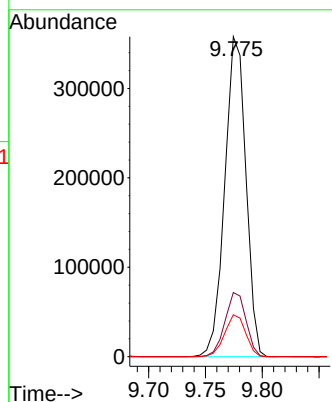
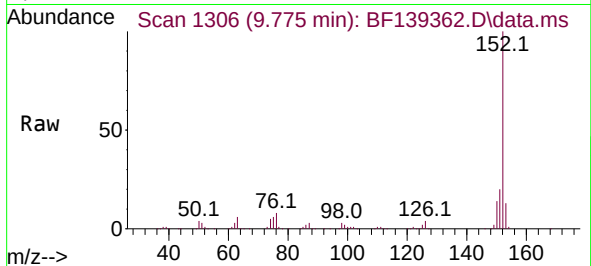




#49
Acenaphthylene
Concen: 48.648 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

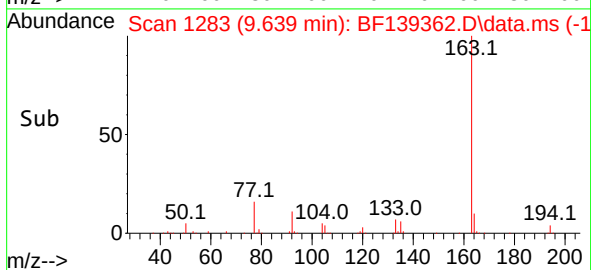
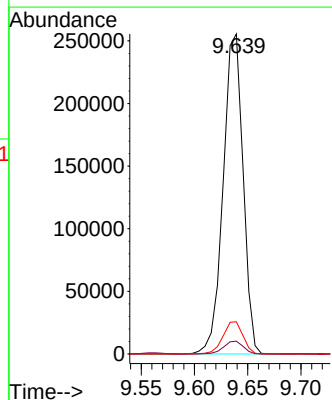
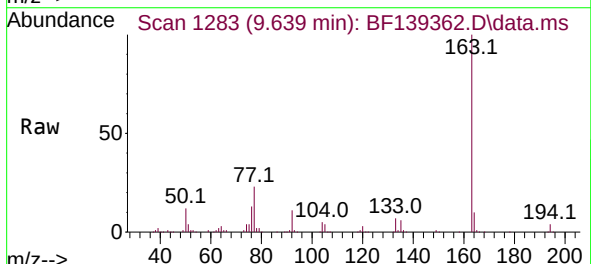
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

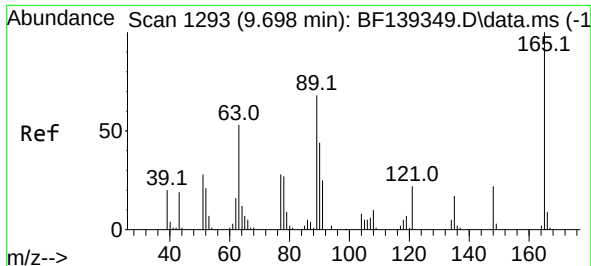
Tgt Ion:152 Resp: 463275
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 45.974 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:163 Resp: 331862
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.074 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

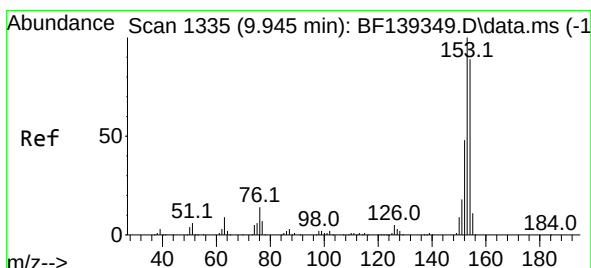
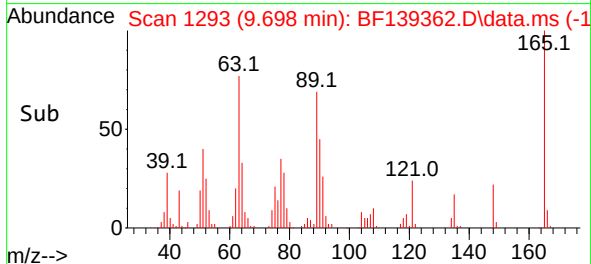
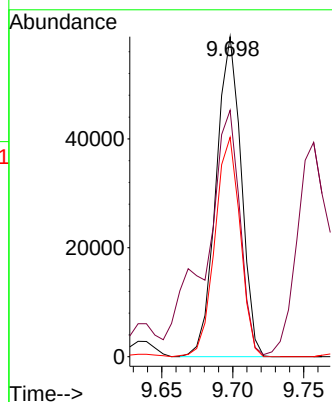
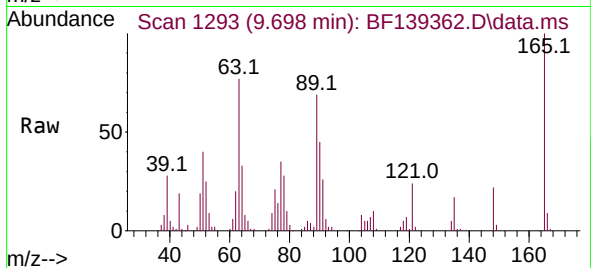
Tgt Ion:165 Resp: 72077

Ion Ratio Lower Upper

165 100

63 77.0 60.9 91.3

89 68.5 54.7 82.1



#52

Acenaphthene

Concen: 51.671 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

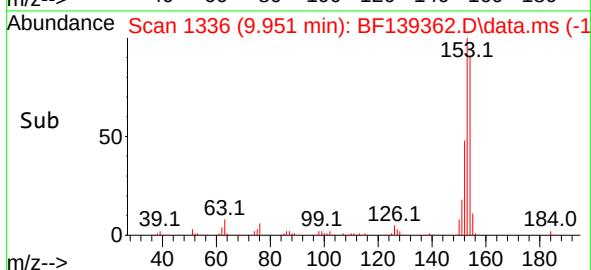
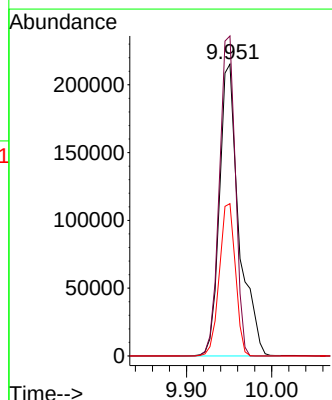
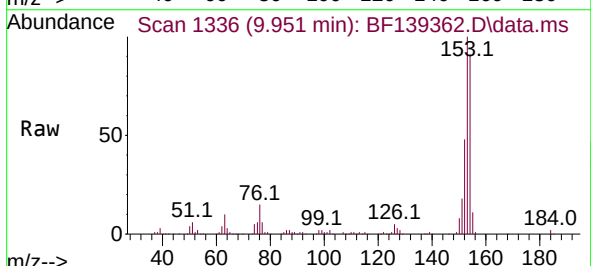
Tgt Ion:154 Resp: 343419

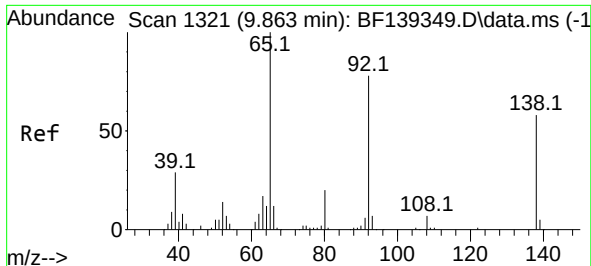
Ion Ratio Lower Upper

154 100

153 109.7 89.5 134.3

152 52.2 42.6 64.0

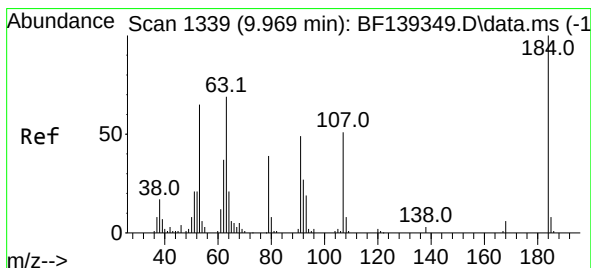
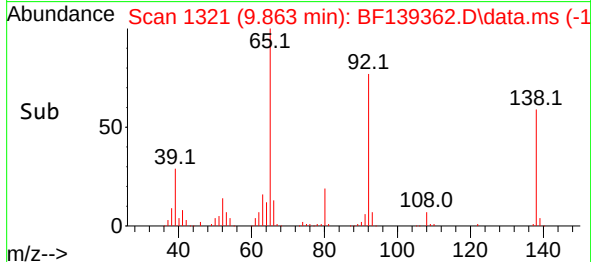
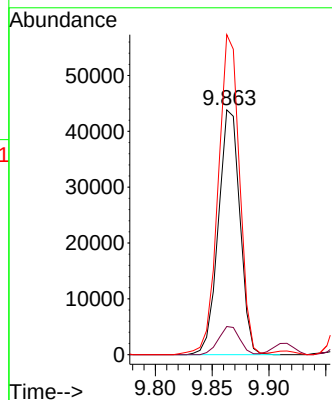
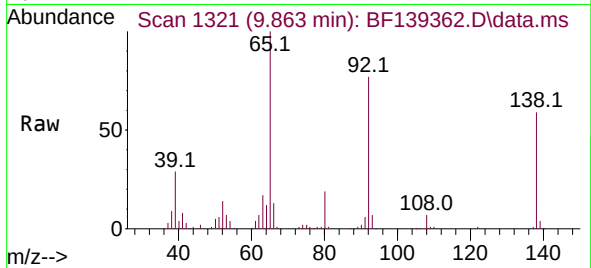




#53
3-Nitroaniline
Concen: 36.162 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

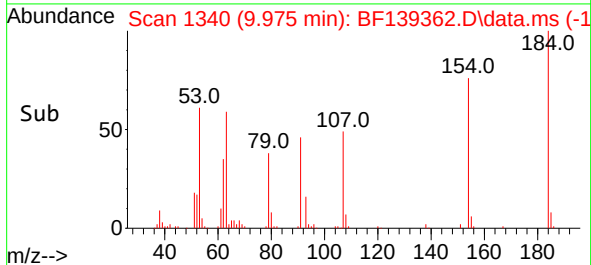
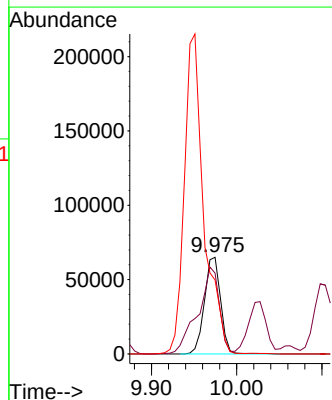
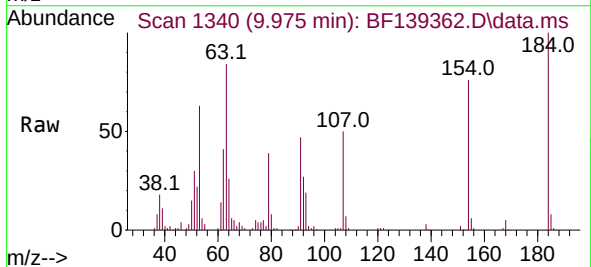
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

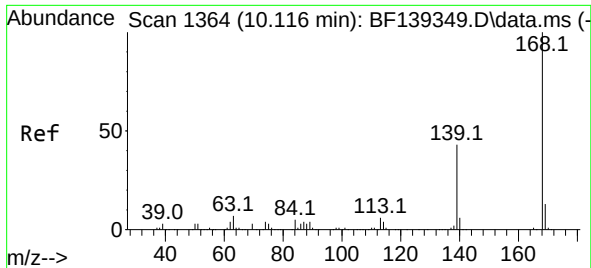
Tgt Ion:138 Resp: 57791
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.8
92 130.7 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 96.293 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:184 Resp: 85802
Ion Ratio Lower Upper
184 100
63 83.7 69.3 103.9
154 76.5 67.5 101.3

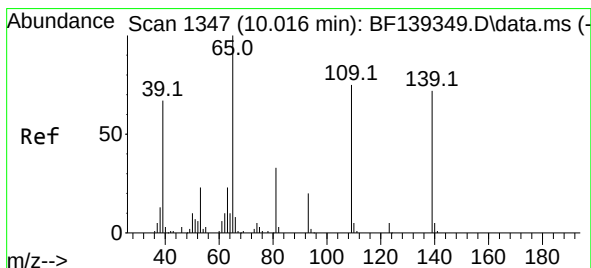
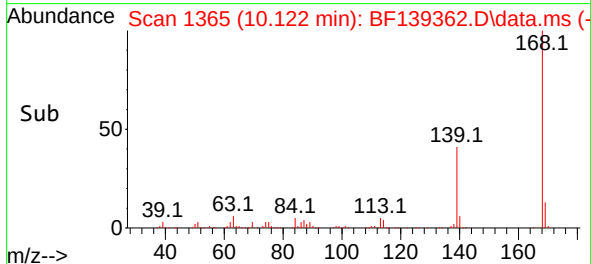
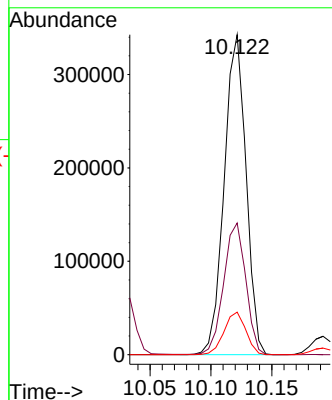
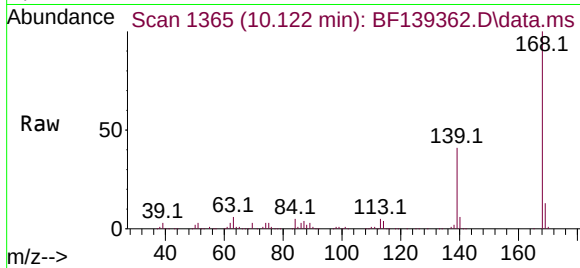




#55
Dibenzofuran
Concen: 46.136 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

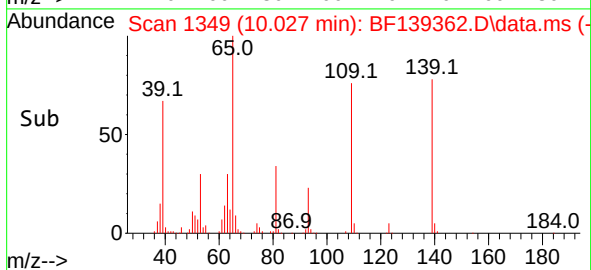
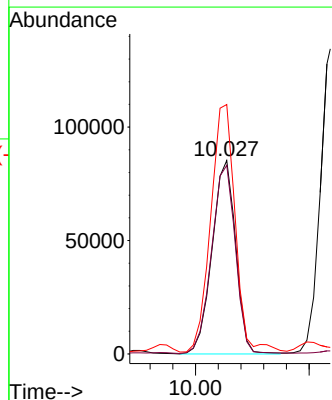
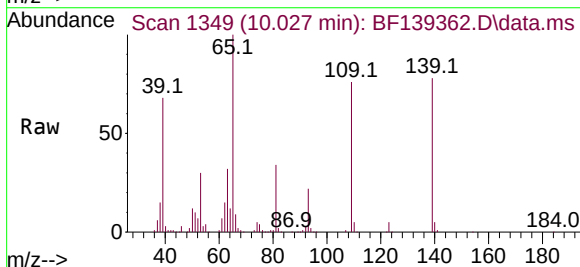
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

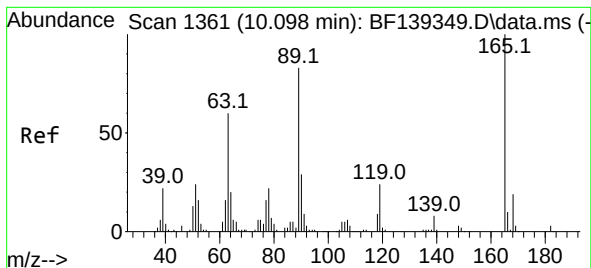
Tgt Ion:168 Resp: 427393
Ion Ratio Lower Upper
168 100
139 41.2 34.1 51.1
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 93.020 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:139 Resp: 123006
Ion Ratio Lower Upper
139 100
109 97.6 84.1 124.1
65 129.0 120.0 160.0

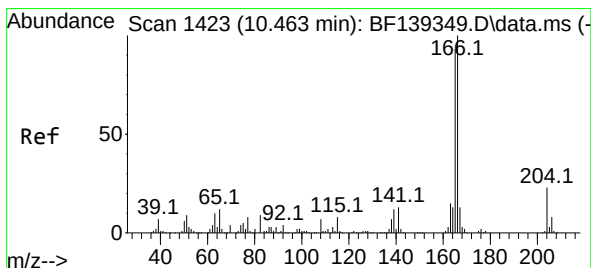
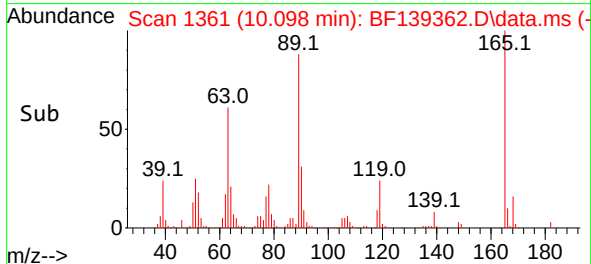
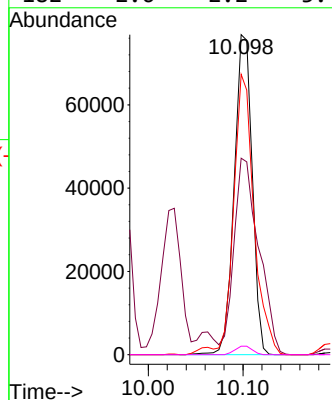
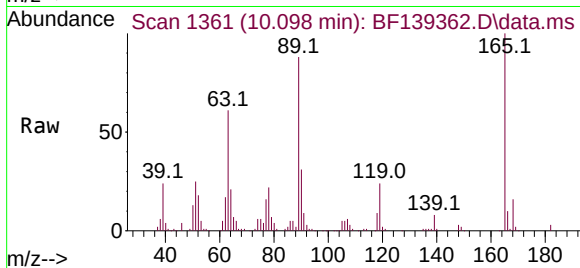




#57
2,4-Dinitrotoluene
Concen: 46.885 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

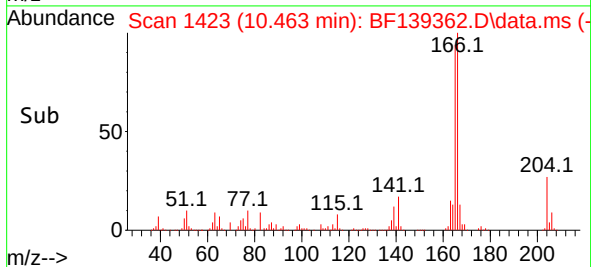
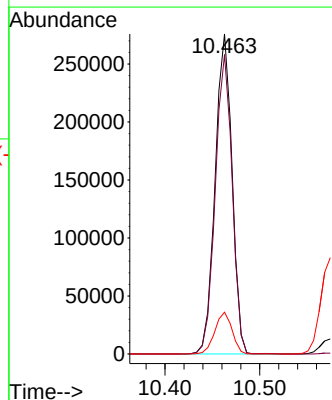
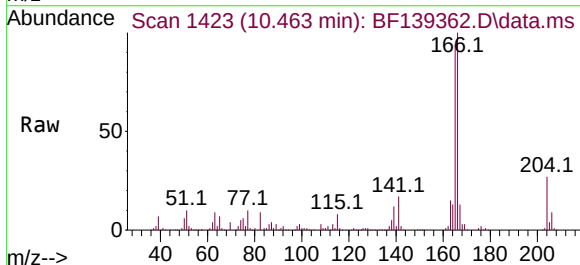
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

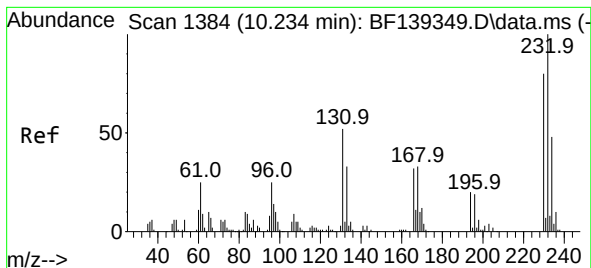
Tgt Ion:165 Resp: 101220
Ion Ratio Lower Upper
165 100
63 61.4 47.8 71.6
89 87.6 66.7 100.1
182 2.6 2.2 3.4



#58
Fluorene
Concen: 45.212 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:166 Resp: 341730
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.1 10.6 16.0

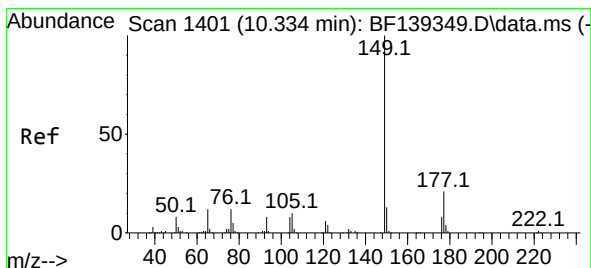
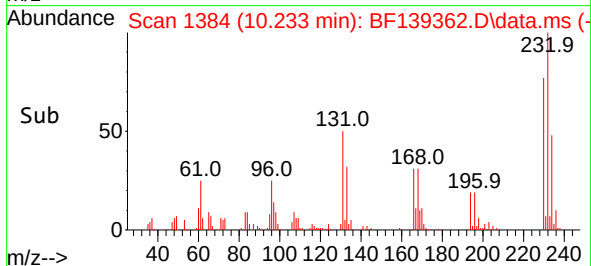
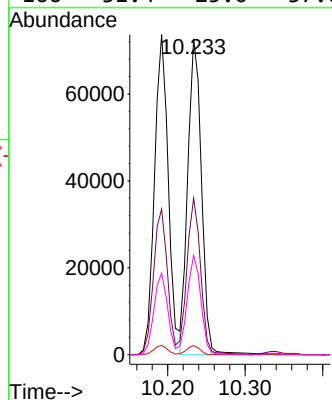
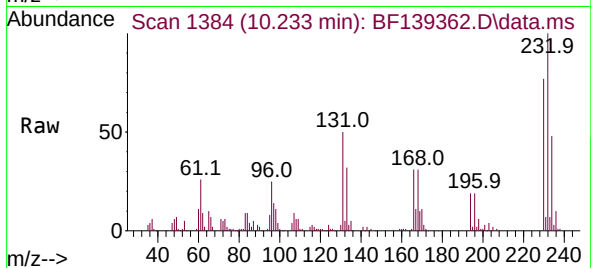




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.308 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

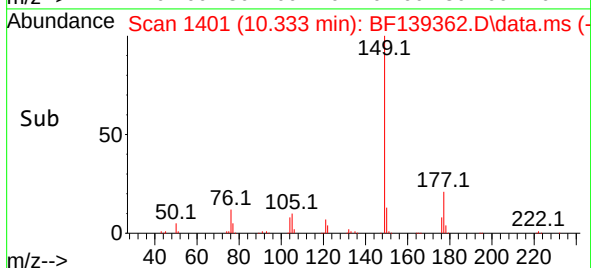
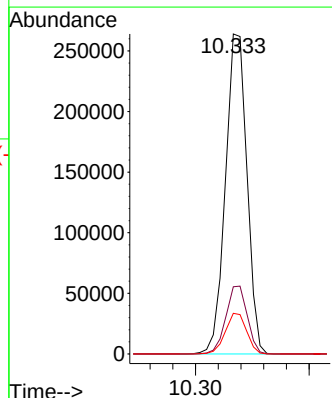
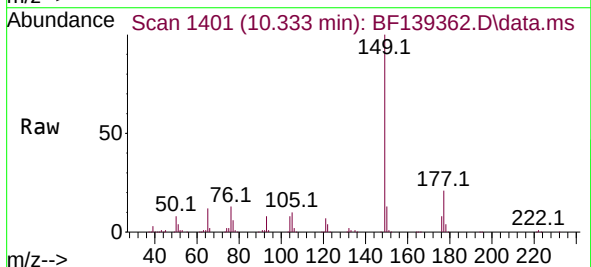
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

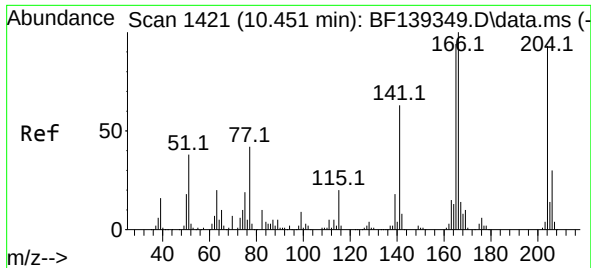
Tgt Ion:232 Resp: 89388
Ion Ratio Lower Upper
232 100
131 49.6 40.7 61.1
130 2.8 2.2 3.2
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 46.598 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:149 Resp: 347113
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8

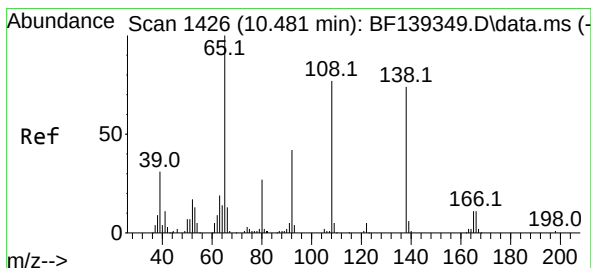
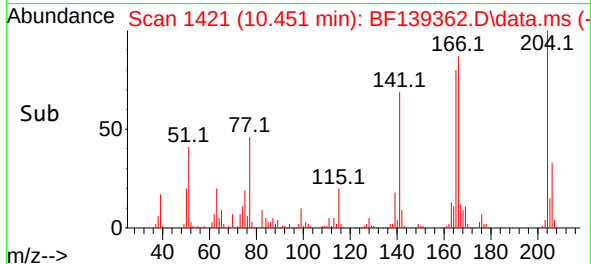
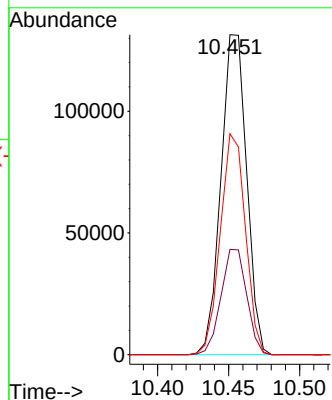
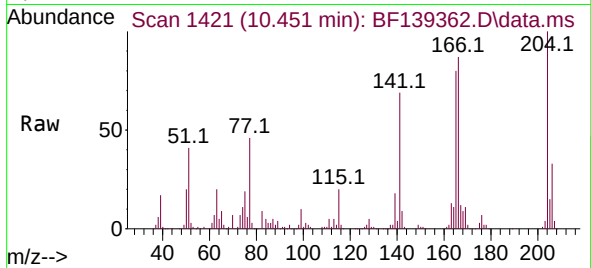




#61
4-Chlorophenyl-phenylether
Concen: 45.115 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

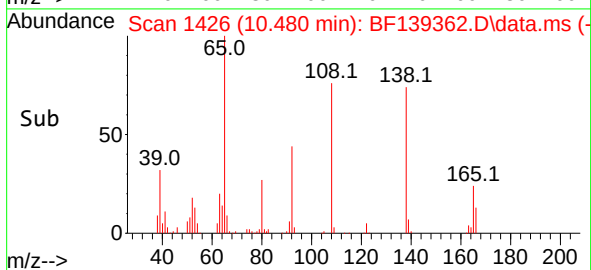
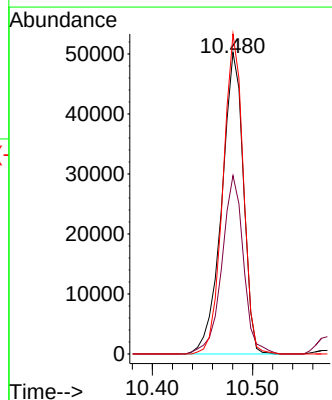
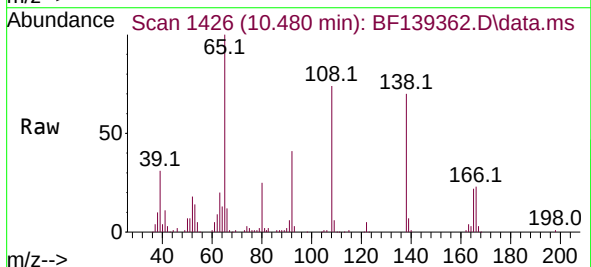
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

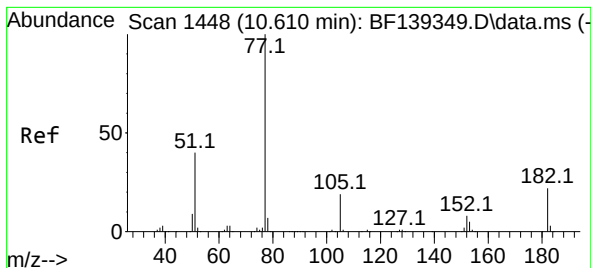
Tgt Ion:204 Resp: 165720
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 69.0 53.9 80.9



#62
4-Nitroaniline
Concen: 43.035 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:138 Resp: 75060
Ion Ratio Lower Upper
138 100
92 59.2 37.0 77.0
108 106.1 84.4 124.4





#63

Azobenzene

Concen: 47.277 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

Tgt Ion: 77 Resp: 346376

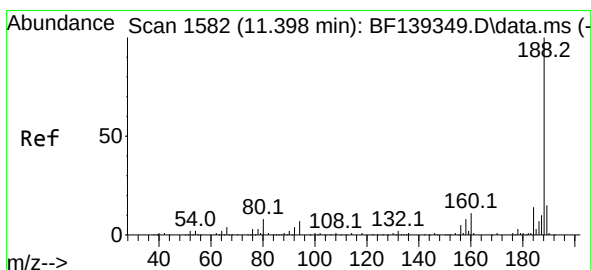
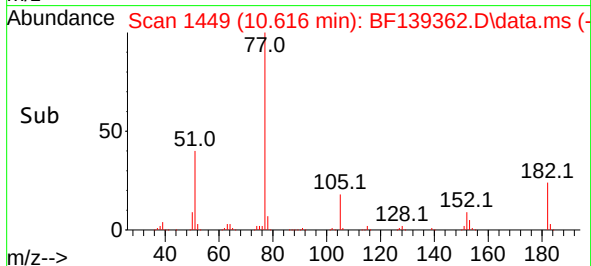
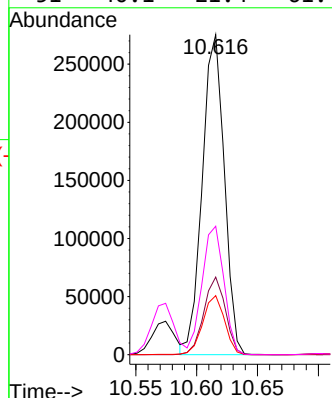
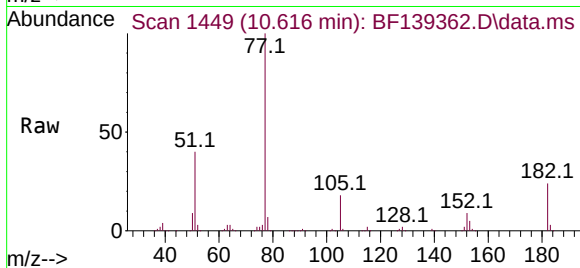
Ion Ratio Lower Upper

77 100

182 24.3 1.8 41.8

105 18.5 0.0 38.6

51 40.1 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: BF139362.D

Acq: 14 Sep 2024 11:50

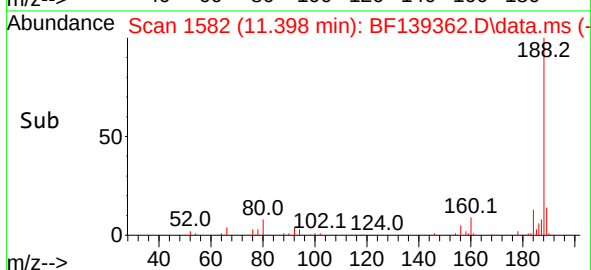
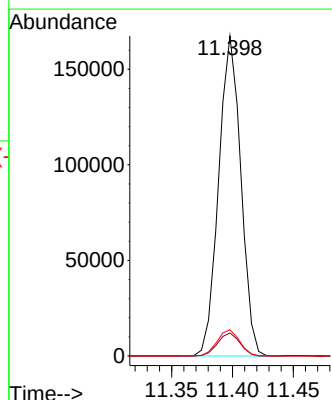
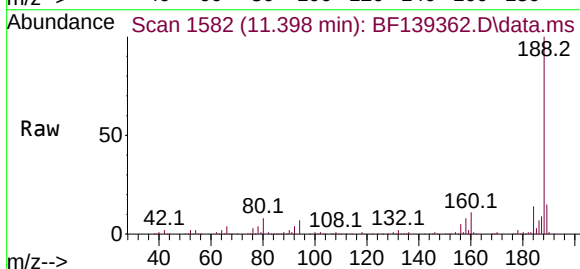
Tgt Ion: 188 Resp: 212251

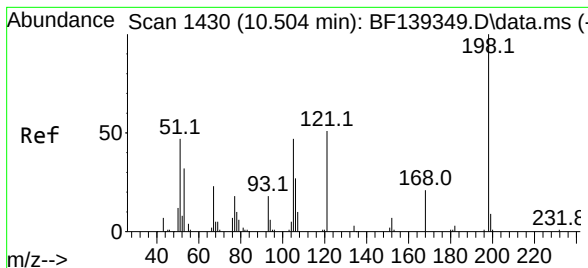
Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 8.2 6.6 9.8

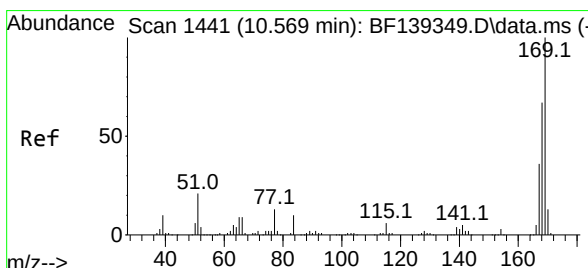
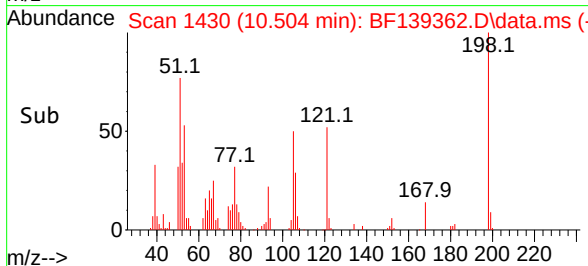
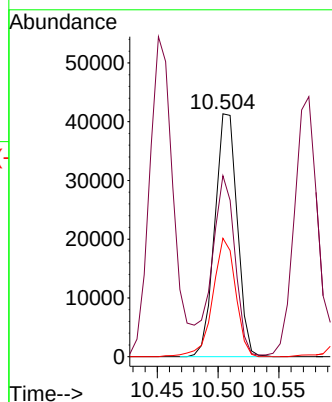
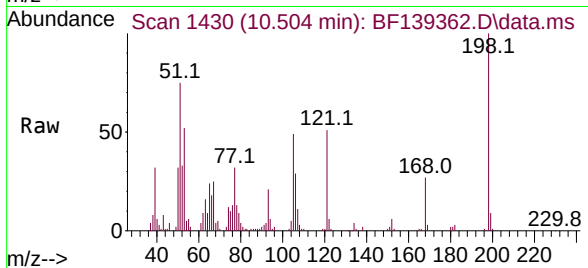




#65
4,6-Dinitro-2-methylphenol
Concen: 47.322 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

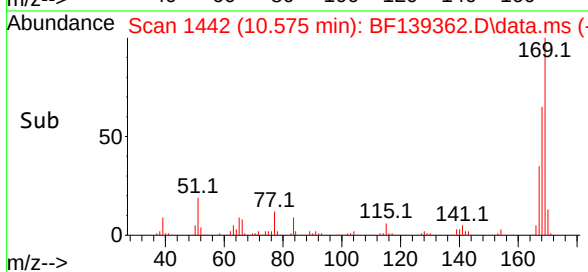
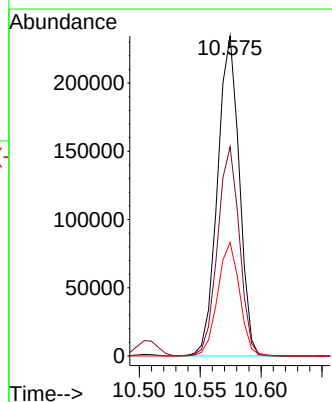
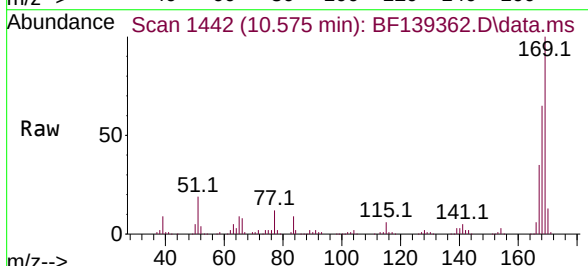
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

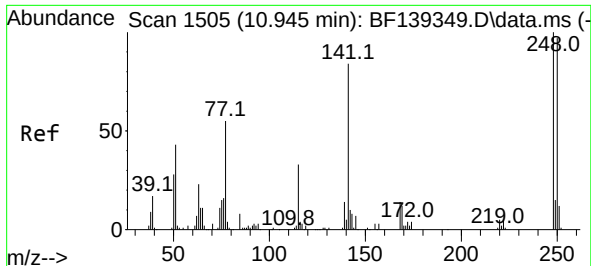
Tgt Ion:198 Resp: 53012
Ion Ratio Lower Upper
198 100
51 74.5 50.4 90.4
105 48.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 46.978 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:169 Resp: 291519
Ion Ratio Lower Upper
169 100
168 65.3 53.6 80.4
167 35.4 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 46.396 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

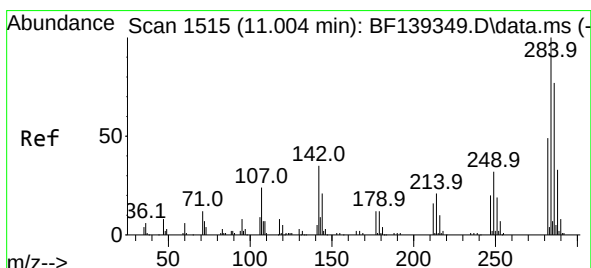
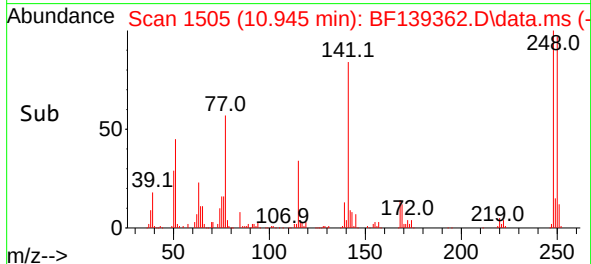
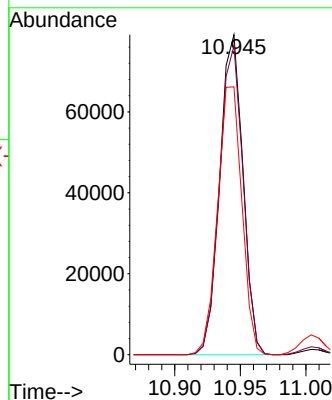
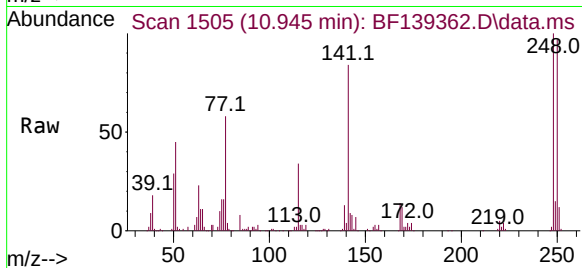
Tgt Ion:248 Resp: 97587

Ion Ratio Lower Upper

248 100

250 96.6 77.6 116.4

141 83.7 66.9 100.3



#68

Hexachlorobenzene

Concen: 44.562 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

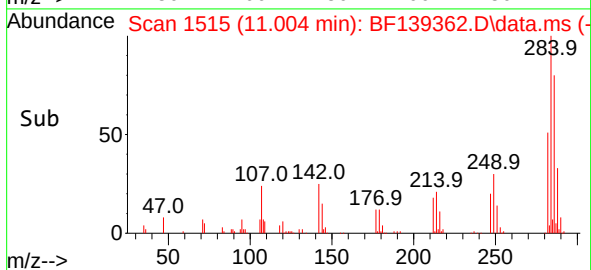
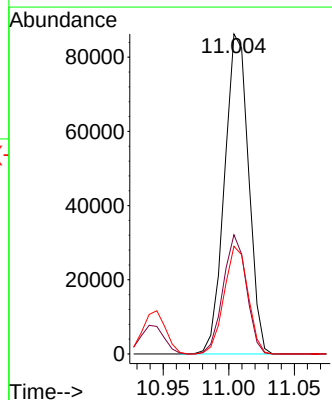
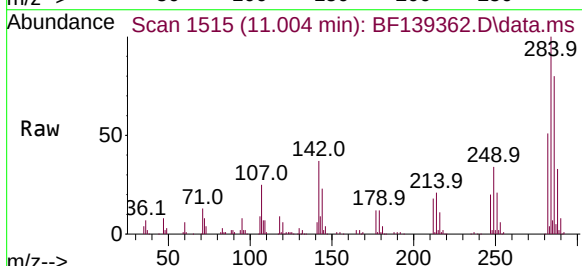
Tgt Ion:284 Resp: 110004

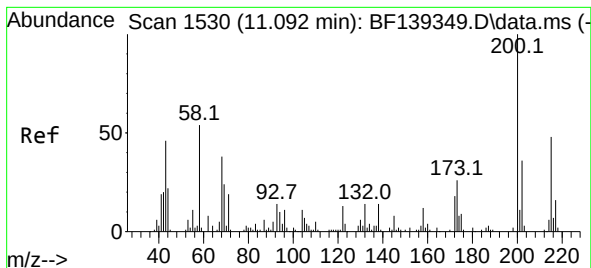
Ion Ratio Lower Upper

284 100

142 37.3 28.0 42.0

249 33.7 25.3 37.9





#69

Atrazine

Concen: 65.310 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

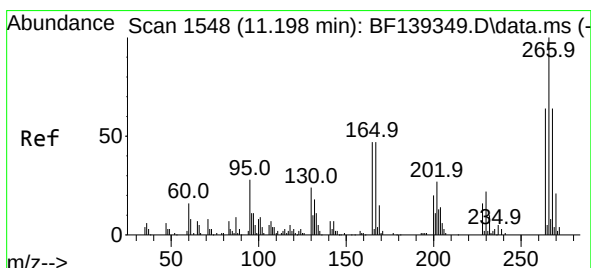
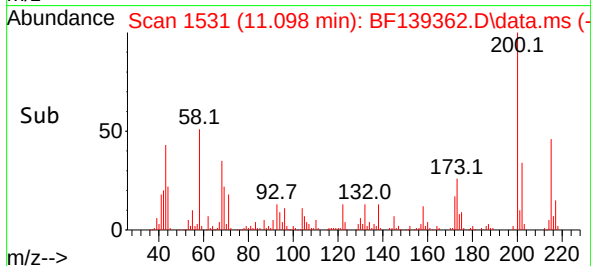
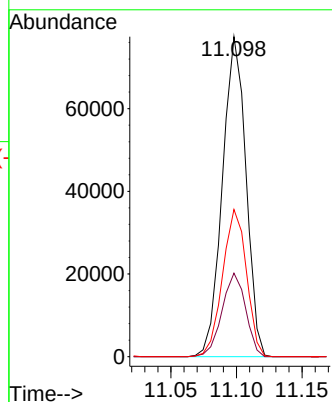
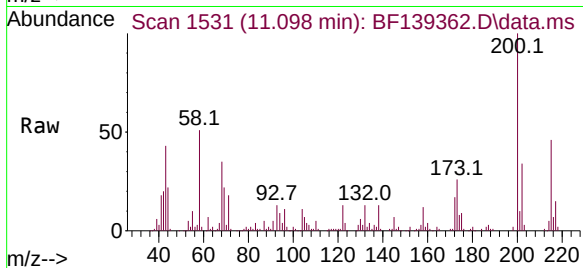
Tgt Ion:200 Resp: 96484

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 46.0 28.2 68.2



#70

Pentachlorophenol

Concen: 90.456 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

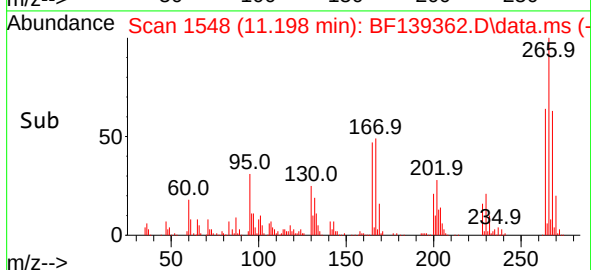
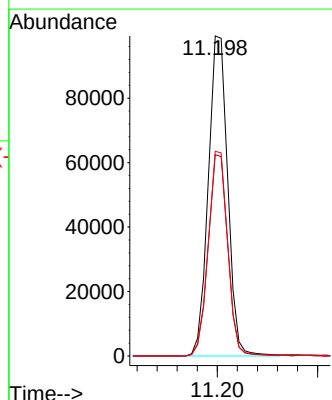
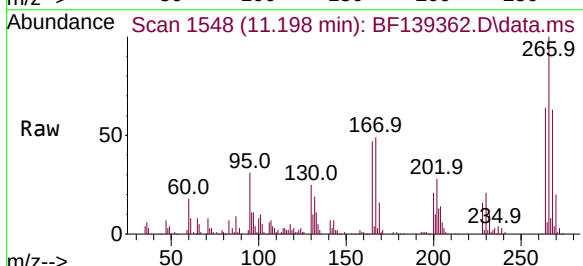
Tgt Ion:266 Resp: 133986

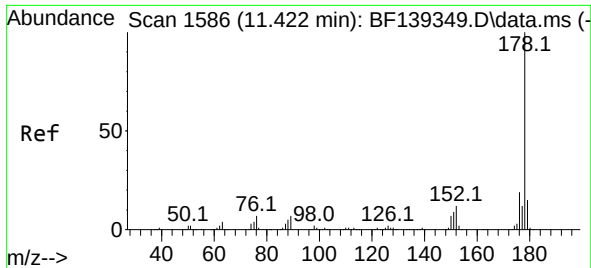
Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

264 64.0 51.4 77.0

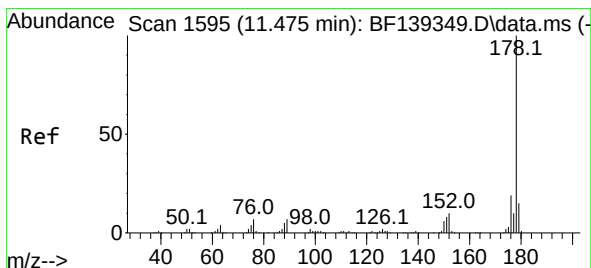
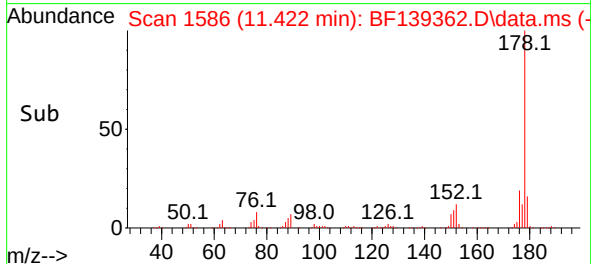
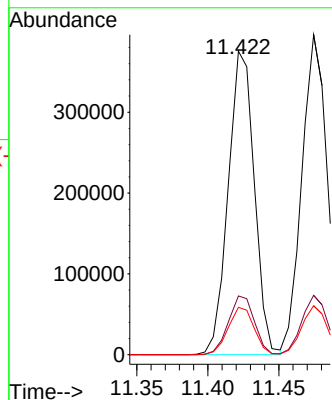
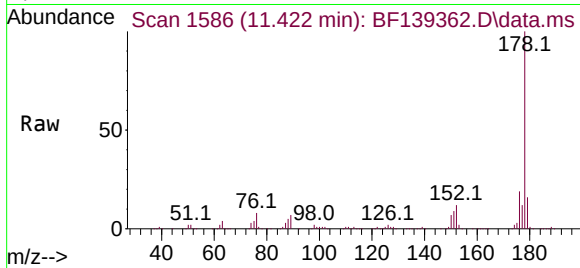




#71
Phenanthrene
Concen: 47.028 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

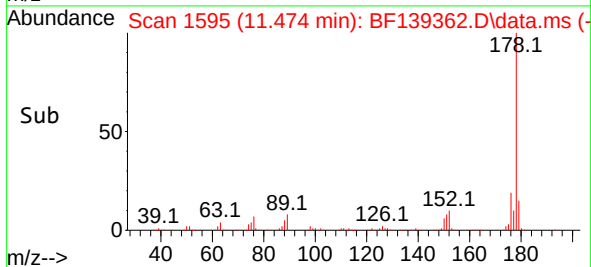
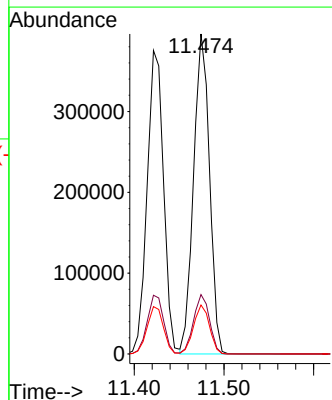
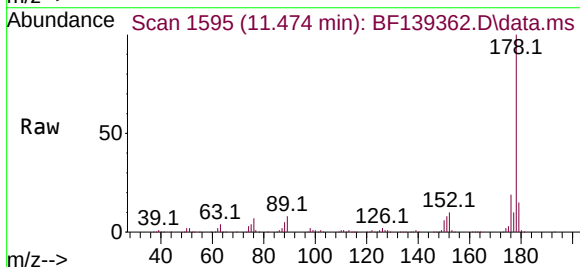
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

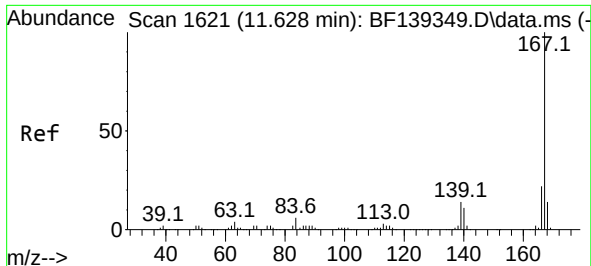
Tgt Ion:178 Resp: 481574
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 48.770 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

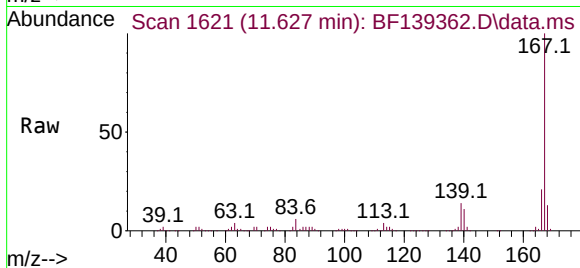
Tgt Ion:178 Resp: 488288
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.0 18.0



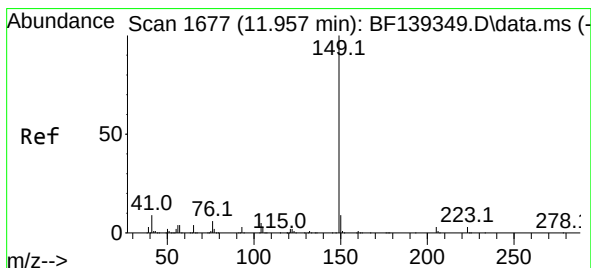
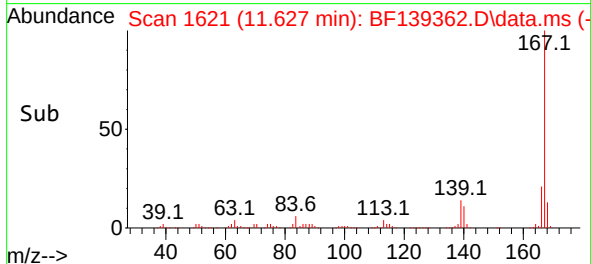
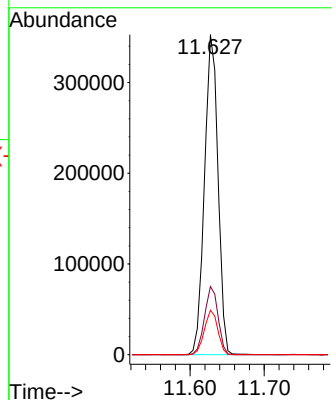


#73
 Carbazole
 Concen: 46.682 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BSD

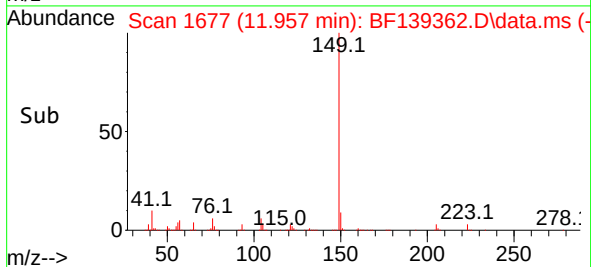
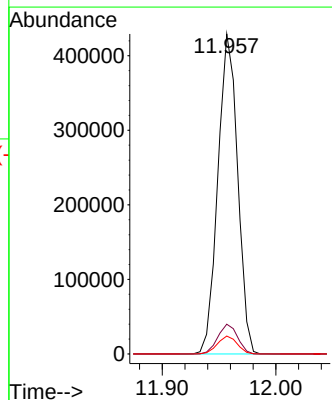
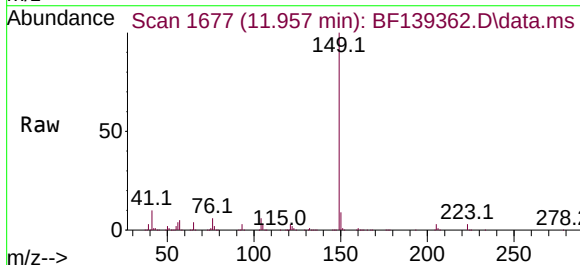


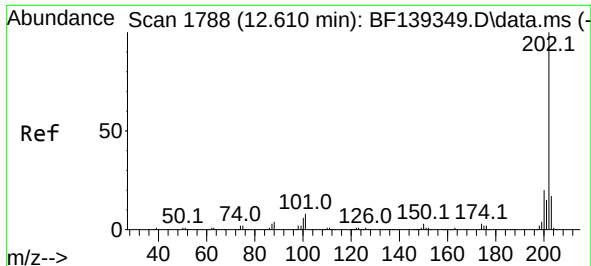
Tgt Ion:167 Resp: 447329
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 48.666 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

Tgt Ion:149 Resp: 519497
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.6 4.3 6.5

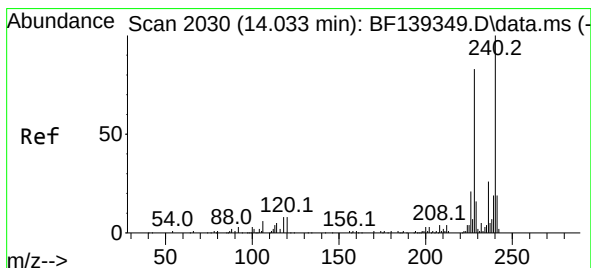
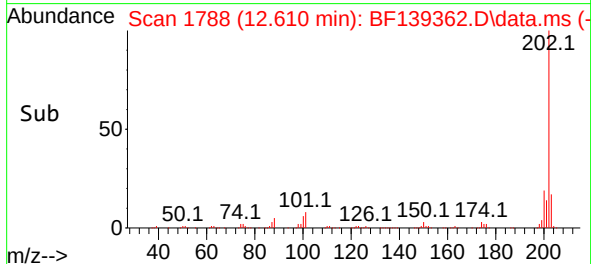
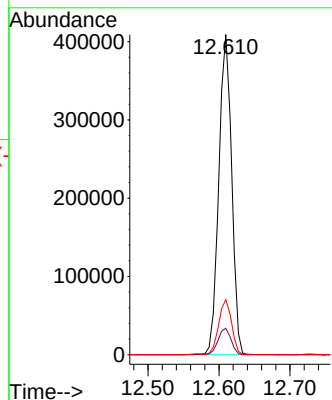
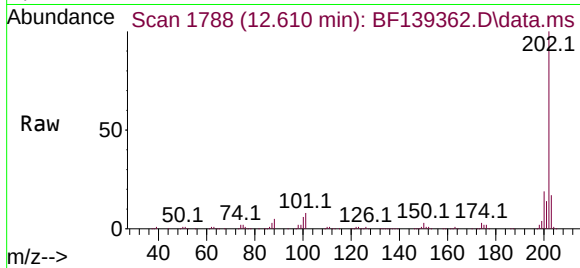




#75
Fluoranthene
Concen: 46.779 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

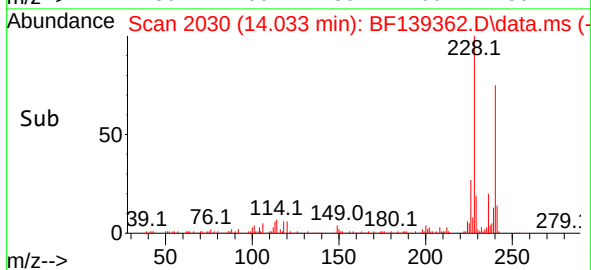
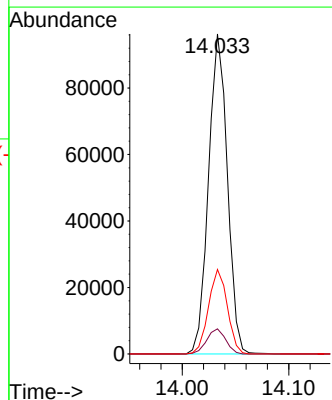
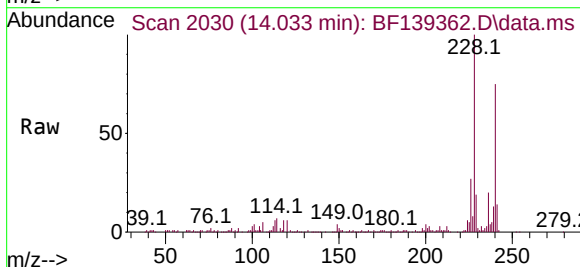
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

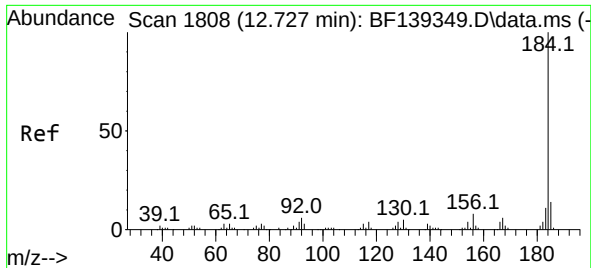
Tgt Ion:202 Resp: 511563
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:240 Resp: 118343
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 26.4 20.9 31.3

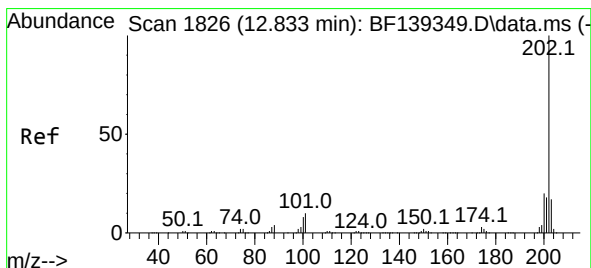
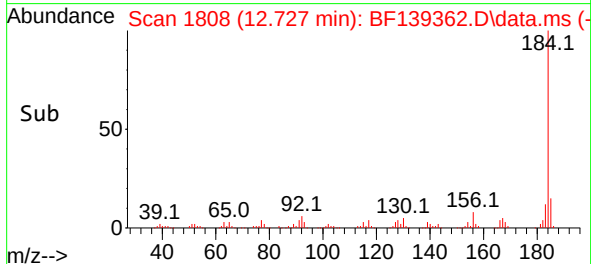
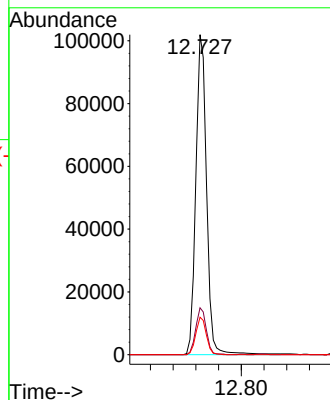
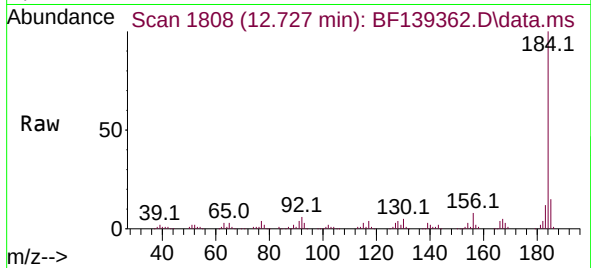




#77
Benzidine
Concen: 79.328 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

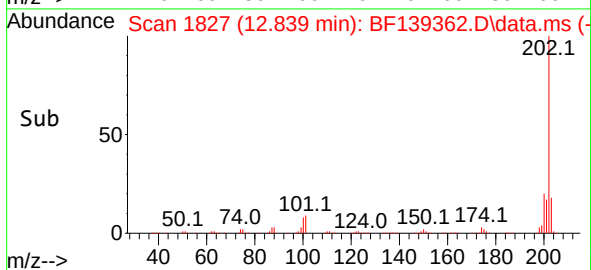
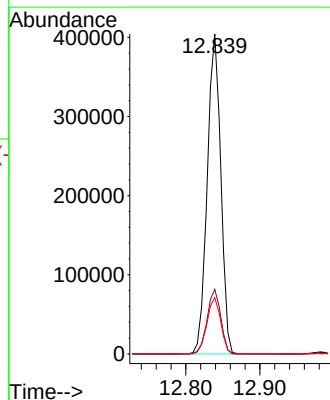
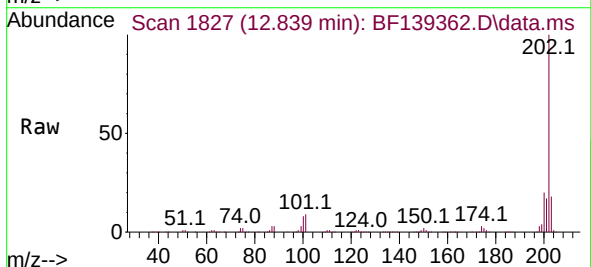
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

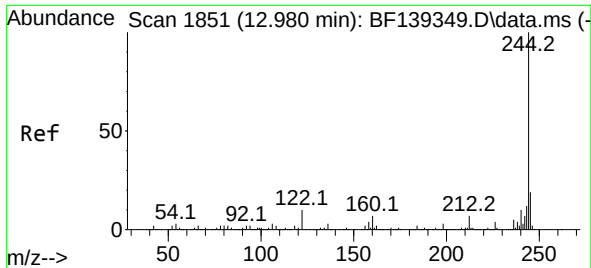
Tgt Ion:184 Resp: 134501
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.7 8.9 13.3



#78
Pyrene
Concen: 50.482 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

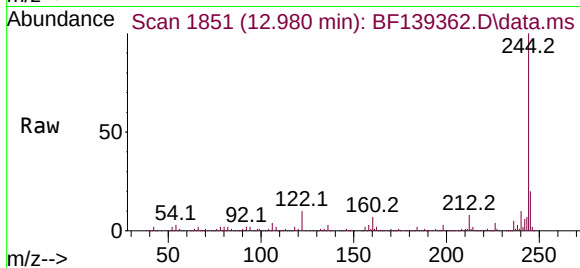
Tgt Ion:202 Resp: 512964
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 13.9 20.9





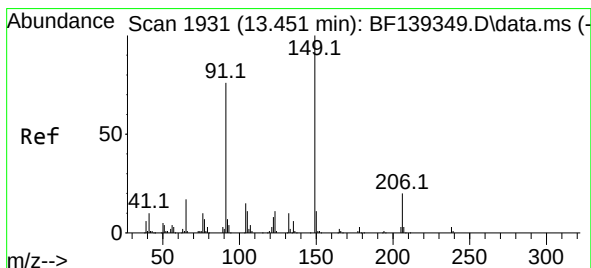
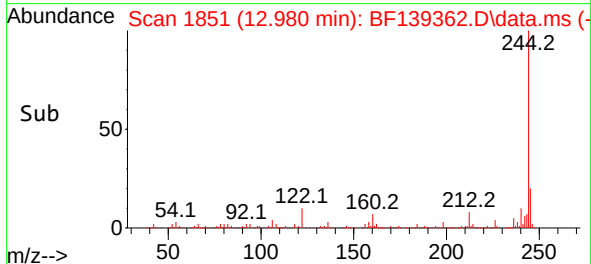
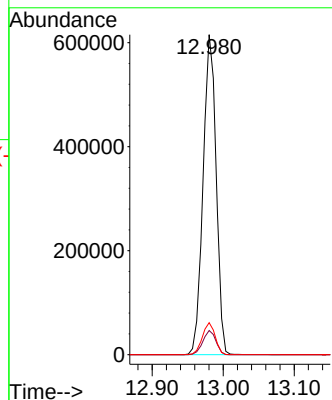
#79
 Terphenyl-d14
 Concen: 109.428 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BSD



Tgt Ion:244 Resp: 788971

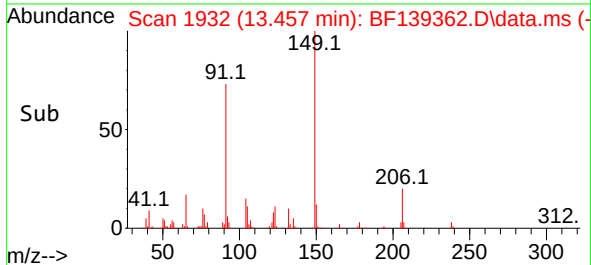
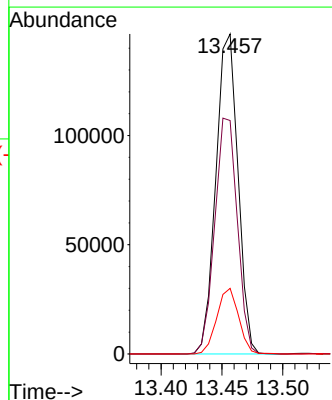
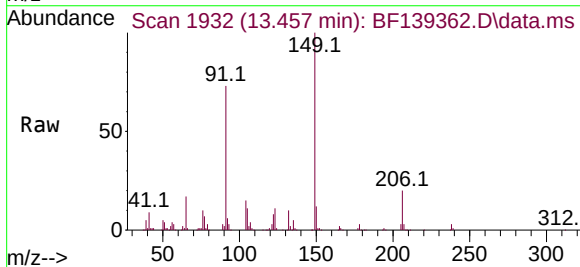
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.0	7.6	11.4

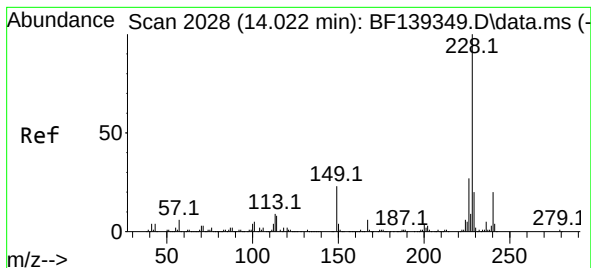


#80
 Butylbenzylphthalate
 Concen: 53.543 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139362.D
 Acq: 14 Sep 2024 11:50

Tgt Ion:149 Resp: 185190

Ion	Ratio	Lower	Upper
149	100		
91	73.0	60.9	91.3
206	20.5	15.8	23.8





#81

Benzo(a)anthracene

Concen: 47.096 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

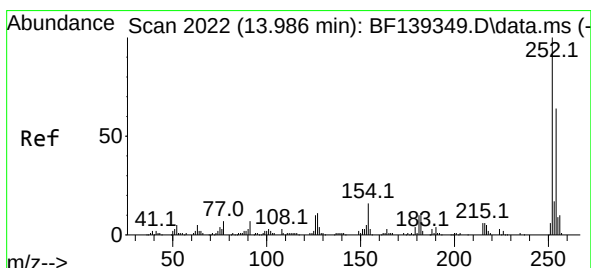
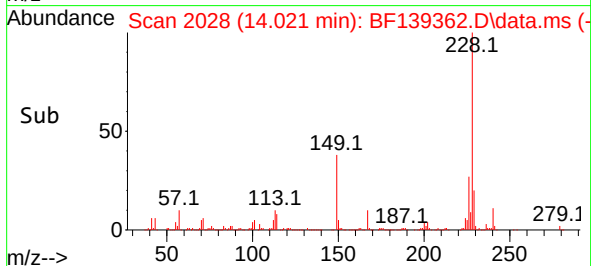
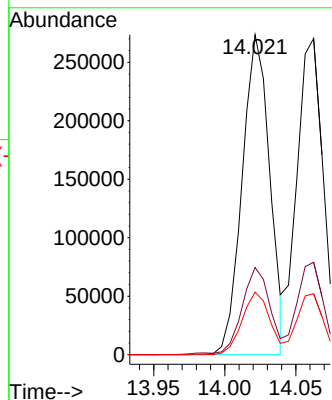
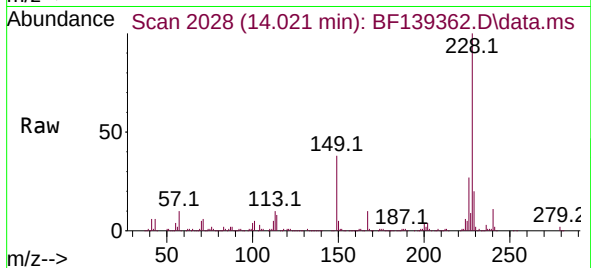
Tgt Ion:228 Resp: 369185

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.339 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

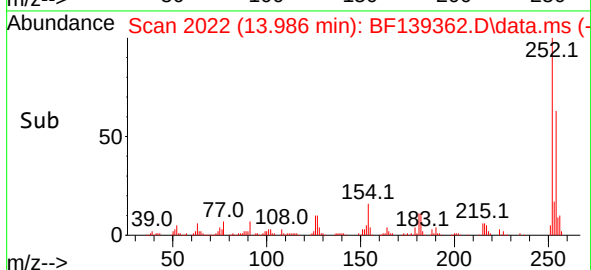
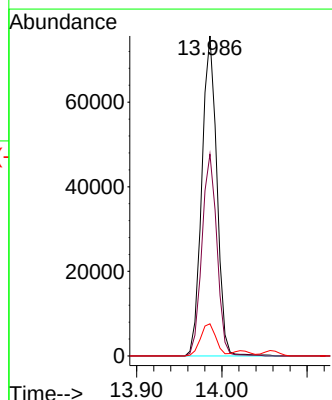
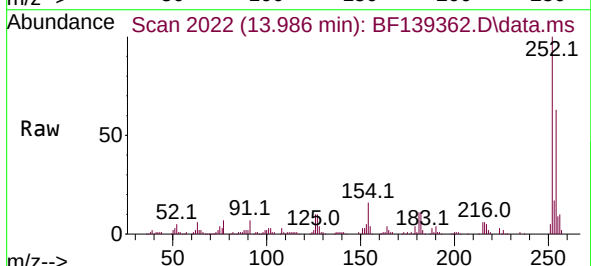
Tgt Ion:252 Resp: 92604

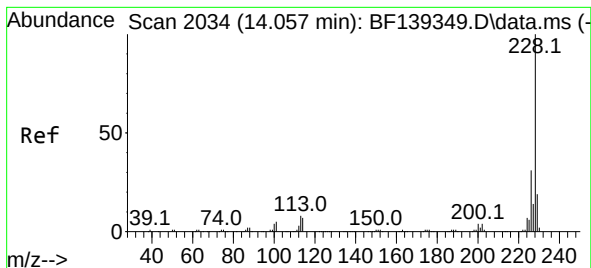
Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

126 10.1 7.7 11.5





#83

Chrysene

Concen: 48.030 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

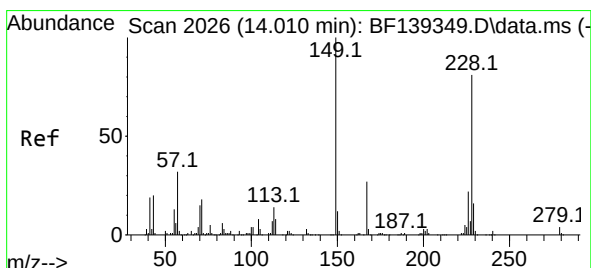
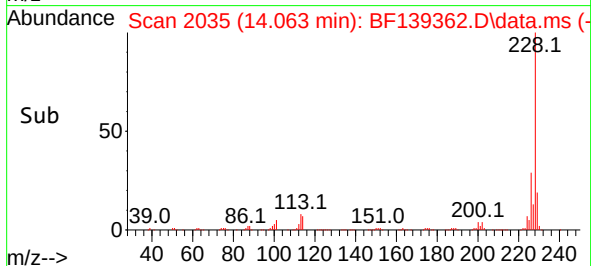
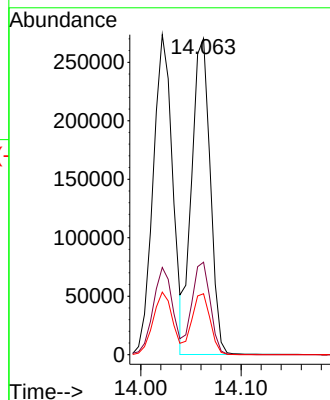
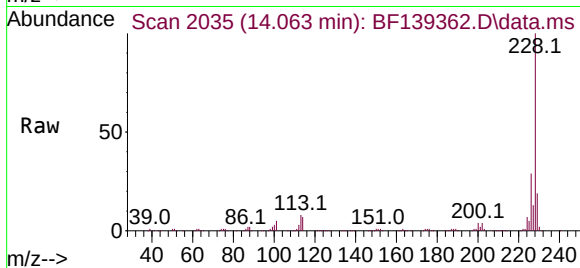
Tgt Ion:228 Resp: 346389

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.967 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

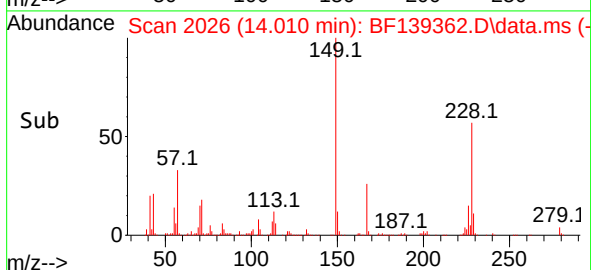
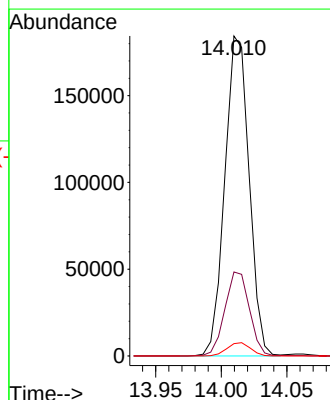
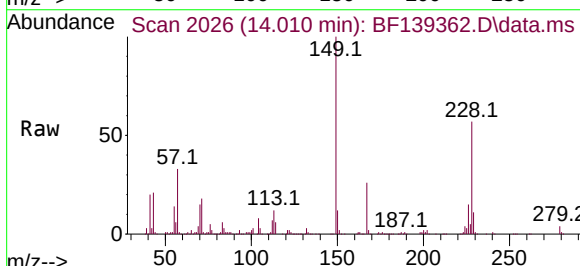
Tgt Ion:149 Resp: 237450

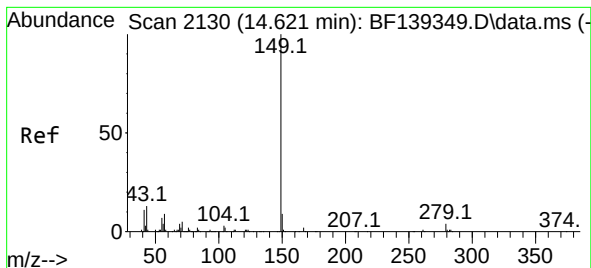
Ion Ratio Lower Upper

149 100

167 26.2 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.721 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

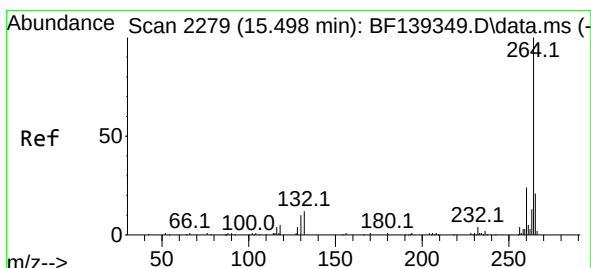
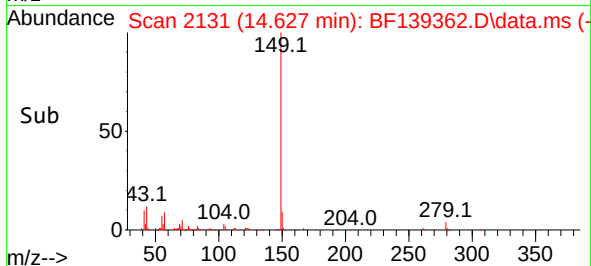
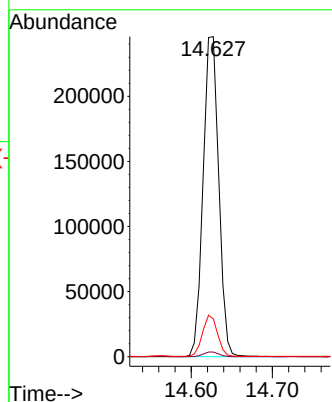
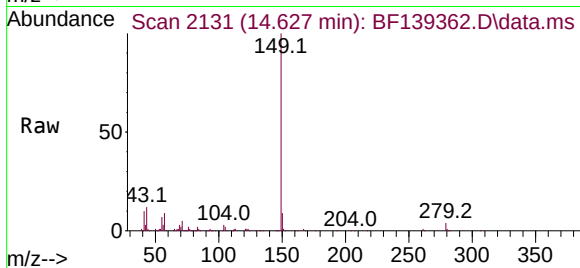
Tgt Ion:149 Resp: 328666

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.4 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

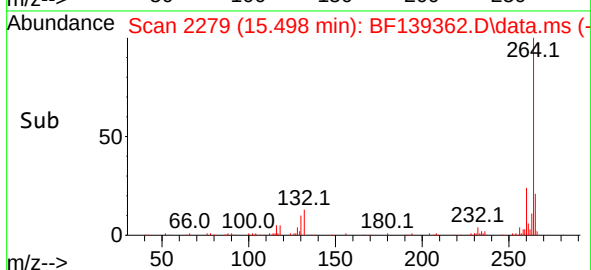
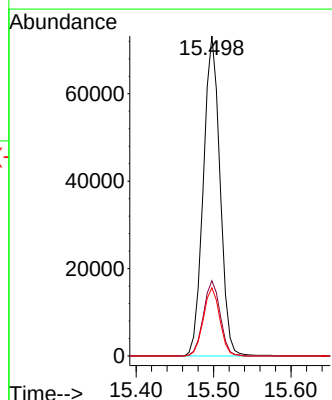
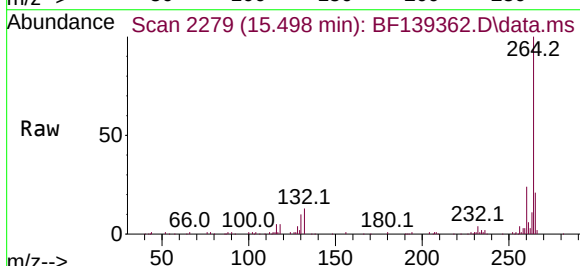
Tgt Ion:264 Resp: 109373

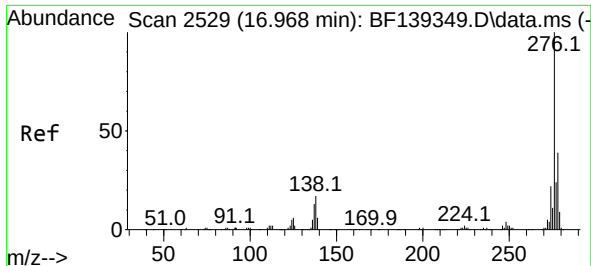
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.541 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163318BSD

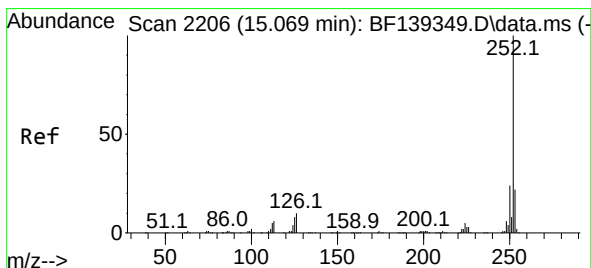
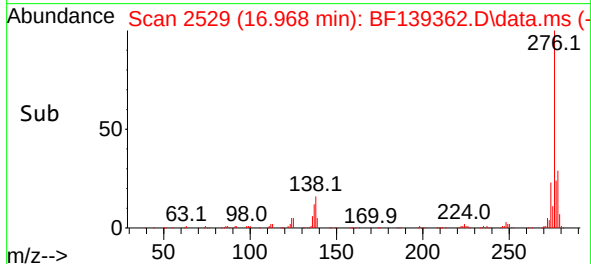
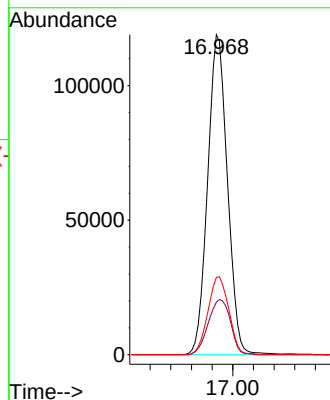
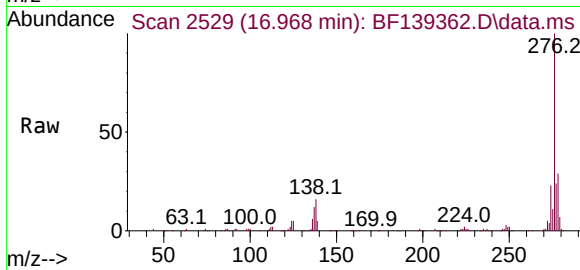
Tgt Ion:276 Resp: 315692

Ion Ratio Lower Upper

276 100

138 19.3 15.4 23.2

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.012 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139362.D

Acq: 14 Sep 2024 11:50

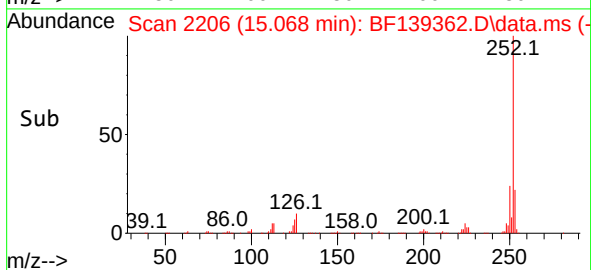
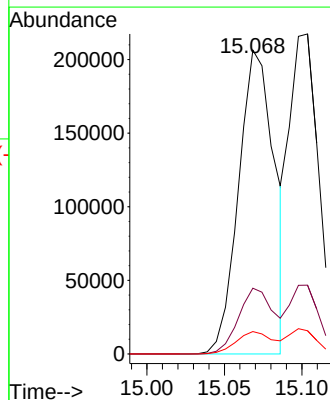
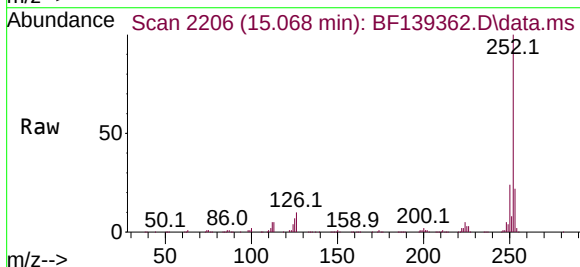
Tgt Ion:252 Resp: 330605

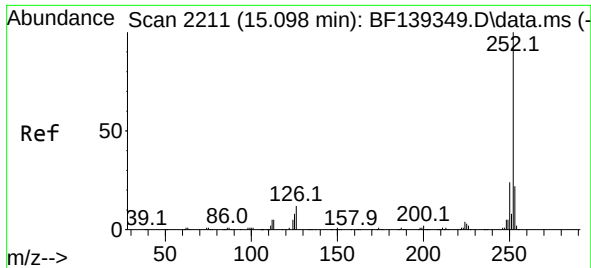
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 7.4 6.2 9.2

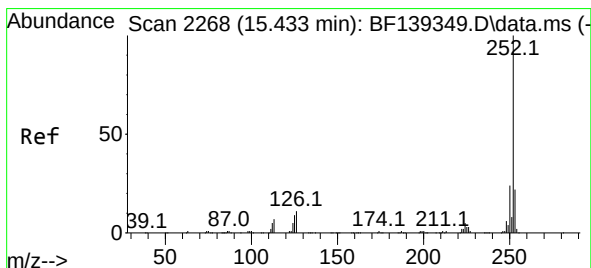
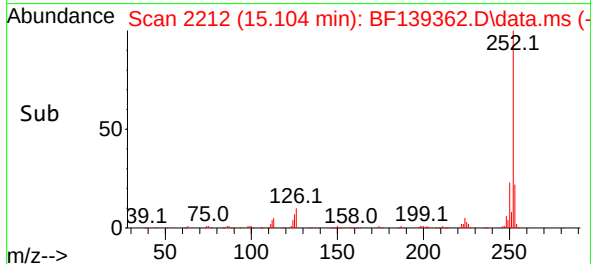
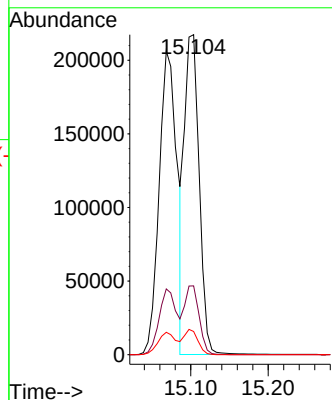
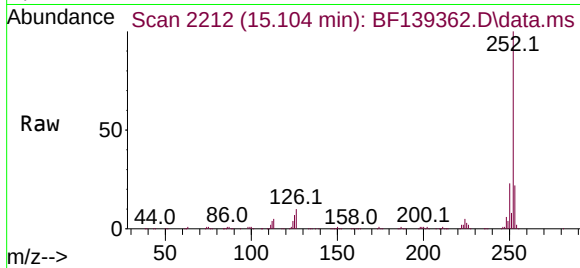




#89
Benzo(k)fluoranthene
Concen: 46.151 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

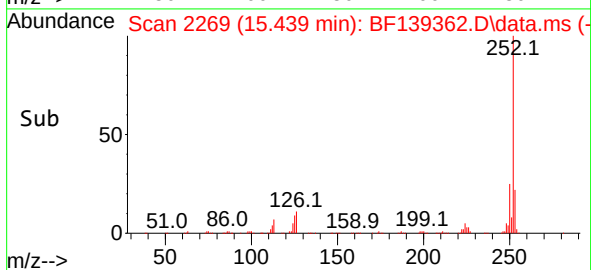
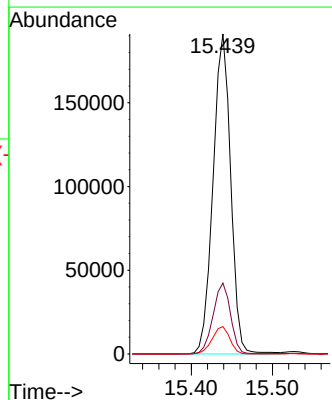
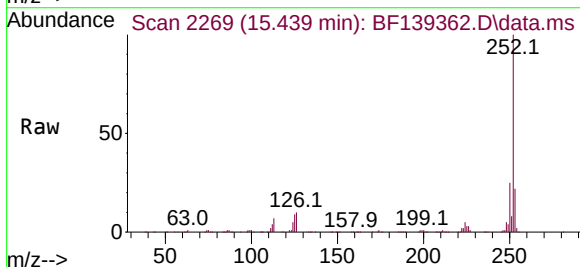
Instrument :
BNA_F
ClientSampleId :
PB163318BSD

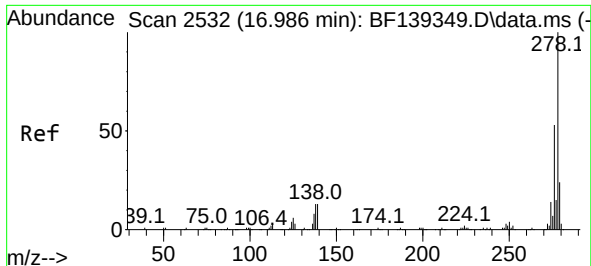
Tgt Ion:252 Resp: 287032
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 7.3 5.9 8.9



#90
Benzo(a)pyrene
Concen: 51.585 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:252 Resp: 288583
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.6 6.8 10.2

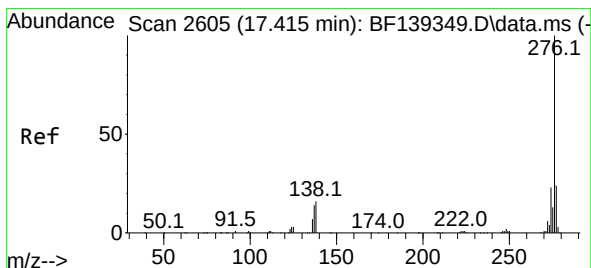
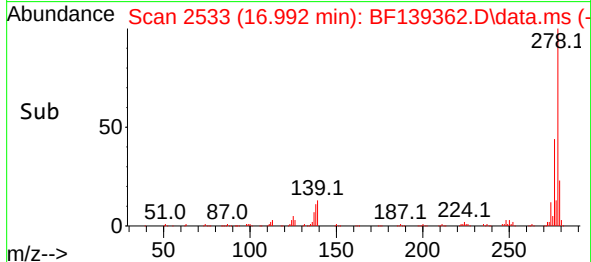
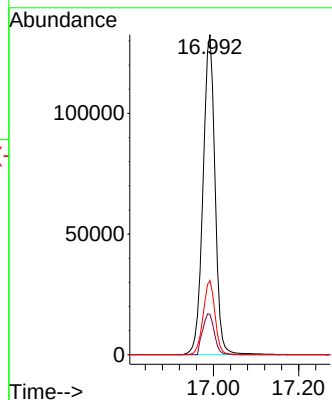
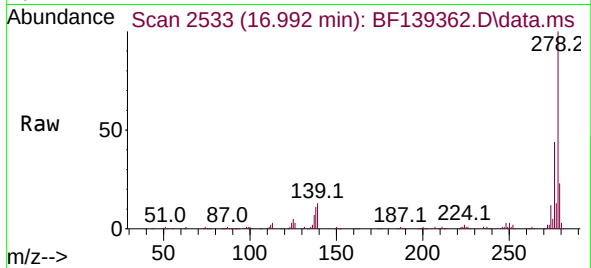




#91
Dibenzo(a,h)anthracene
Concen: 48.354 ng
RT: 16.992 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB163318BSD

Tgt Ion:278 Resp: 259859
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.2
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.633 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF139362.D
Acq: 14 Sep 2024 11:50

Tgt Ion:276 Resp: 226851
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.2 13.0 19.6

