

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139359.D
 Acq On : 14 Sep 2024 10:26
 Operator : RC/JU
 Sample : PB163293BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163293BS

Quant Time: Sep 16 01:50:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	55011	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	201309	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	111042	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	210891	20.000	ng	0.00
76) Chrysene-d12	14.033	240	117276	20.000	ng	0.00
86) Perylene-d12	15.498	264	107009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	450768	133.675	ng	0.02
7) Phenol-d6	6.510	99	585396	132.259	ng	0.00
23) Nitrobenzene-d5	7.445	82	392663	91.698	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	165642	140.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	736625	93.040	ng	0.00
79) Terphenyl-d14	12.980	244	780846	109.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	49084	36.281	ng	97
3) Pyridine	3.504	79	126182	42.302	ng	99
4) n-Nitrosodimethylamine	3.469	42	110722	42.826	ng	94
6) Aniline	6.539	93	177326	53.088	ng	# 90
8) 2-Chlorophenol	6.663	128	155000	44.653	ng	99
9) Benzaldehyde	6.428	77	37448	14.644	ng	98
10) Phenol	6.522	94	209781	46.536	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	142597	41.618	ng	100
12) 1,3-Dichlorobenzene	6.816	146	164828	41.753	ng	99
13) 1,4-Dichlorobenzene	6.898	146	167678	42.032	ng	99
14) 1,2-Dichlorobenzene	7.045	146	159332	42.268	ng	99
15) Benzyl Alcohol	7.022	79	158960	45.015	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	251776	47.682	ng	99
17) 2-Methylphenol	7.128	107	126274	45.787	ng	98
18) Hexachloroethane	7.392	117	64334	42.340	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	122907	46.860	ng	99
20) 3+4-Methylphenols	7.281	107	168249	44.716	ng	97
22) Acetophenone	7.286	105	232491	44.176	ng	98
24) Nitrobenzene	7.463	77	184950	41.965	ng	100
25) Isophorone	7.698	82	314626	46.458	ng	99
26) 2-Nitrophenol	7.775	139	80442	46.849	ng	99
27) 2,4-Dimethylphenol	7.810	122	123984	54.741	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	174600	45.237	ng	97
29) 2,4-Dichlorophenol	8.016	162	131153	45.582	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	142178	42.409	ng	98
31) Naphthalene	8.181	128	461268	43.891	ng	100
32) Benzoic acid	7.928	122	91791	43.306	ng	98
33) 4-Chloroaniline	8.228	127	112381	34.954	ng	99
34) Hexachlorobutadiene	8.298	225	99487	43.679	ng	98
35) Caprolactam	8.598	113	23945	27.054	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	149800	45.555	ng	99
37) 2-Methylnaphthalene	8.875	142	301715	45.230	ng	100
38) 1-Methylnaphthalene	8.975	142	277838	42.424	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	149365	45.387	ng	97
41) Hexachlorocyclopentadiene	9.027	237	196355	170.884	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	99049	46.261	ng	99

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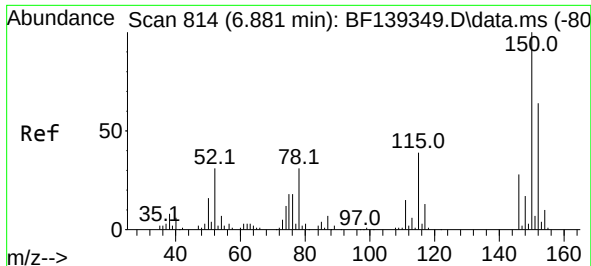
Quant Time: Sep 16 01:50:57 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101605	44.988	ng	97
46) 1,1'-Biphenyl	9.339	154	381718	44.683	ng	99
47) 2-Chloronaphthalene	9.363	162	283084	44.319	ng	99
48) 2-Nitroaniline	9.457	65	108830	45.808	ng	99
49) Acenaphthylene	9.775	152	464158	48.275	ng	100
50) Dimethylphthalate	9.639	163	332816	45.665	ng	99
51) 2,6-Dinitrotoluene	9.698	165	71125	44.052	ng	98
52) Acenaphthene	9.951	154	343068	51.124	ng	99
53) 3-Nitroaniline	9.869	138	57331	35.531	ng	94
54) 2,4-Dinitrophenol	9.975	184	83225	92.507	ng	96
55) Dibenzofuran	10.122	168	422249	45.145	ng	99
56) 4-Nitrophenol	10.027	139	124183	93.011	ng	93
57) 2,4-Dinitrotoluene	10.104	165	100222	45.978	ng	99
58) Fluorene	10.463	166	342638	44.898	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	87459	46.813	ng	98
60) Diethylphthalate	10.339	149	347661	46.225	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	167735	45.226	ng	96
62) 4-Nitroaniline	10.480	138	74938	42.554	ng	97
63) Azobenzene	10.616	77	339949	45.955	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	51333	46.119	ng	96
66) n-Nitrosodiphenylamine	10.574	169	284367	46.121	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97146	46.484	ng	99
68) Hexachlorobenzene	11.010	284	110956	45.238	ng	97
69) Atrazine	11.098	200	95790	65.258	ng	99
70) Pentachlorophenol	11.204	266	132905	90.305	ng	99
71) Phenanthrene	11.421	178	477692	46.949	ng	100
72) Anthracene	11.474	178	484979	48.752	ng	99
73) Carbazole	11.627	167	445814	46.824	ng	99
74) Di-n-butylphthalate	11.957	149	516993	48.744	ng	100
75) Fluoranthene	12.610	202	509987	46.936	ng	99
77) Benzidine	12.727	184	135432	80.604	ng	99
78) Pyrene	12.839	202	514416	51.085	ng	100
80) Butylbenzylphthalate	13.457	149	176719	51.559	ng	98
81) Benzo(a)anthracene	14.021	228	362016	46.601	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	86738	38.127	ng	97
83) Chrysene	14.062	228	337129	47.171	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	225358	51.684	ng	99
85) Di-n-octyl phthalate	14.627	149	309002	48.121	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	313721	49.303	ng	99
88) Benzo(b)fluoranthene	15.068	252	309887	46.955	ng	100
89) Benzo(k)fluoranthene	15.104	252	283141	46.531	ng	100
90) Benzo(a)pyrene	15.439	252	279267	51.023	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	258152	49.097	ng	98
92) Benzo(g,h,i)perylene	17.415	276	227058	43.614	ng	100

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

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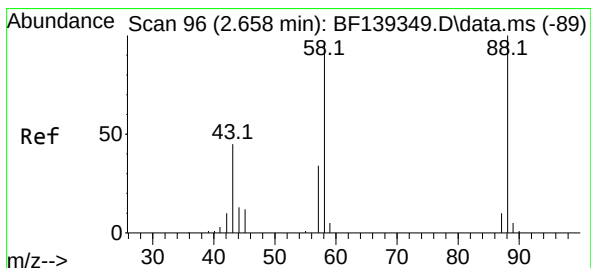
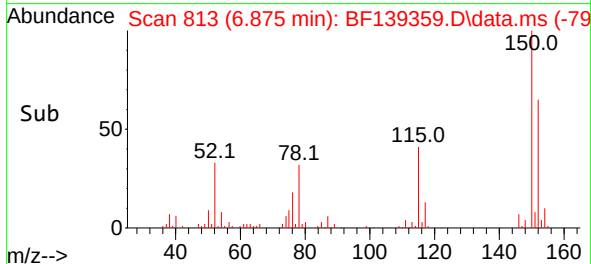
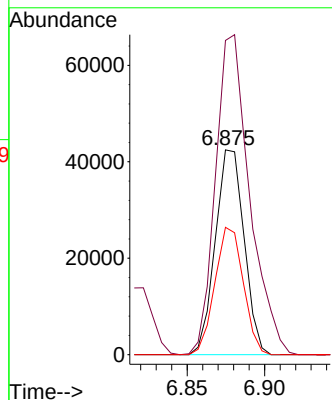
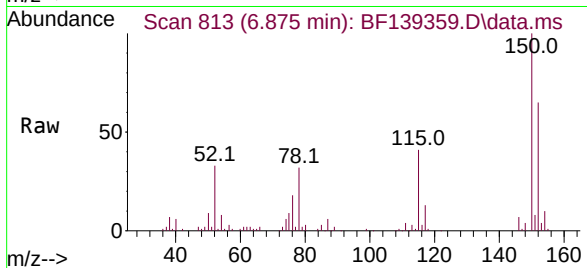




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

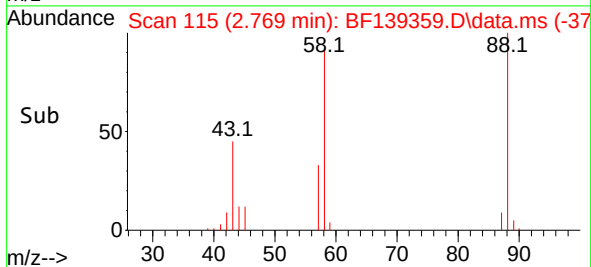
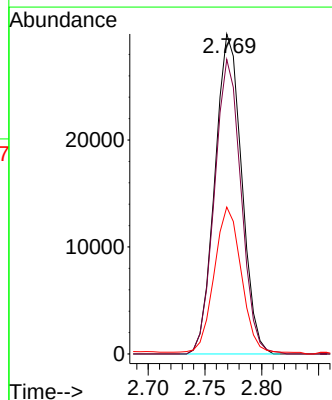
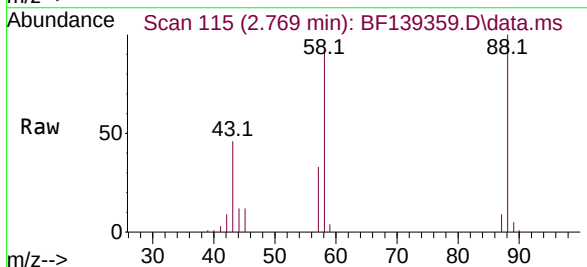
Instrument :
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PB163293BS

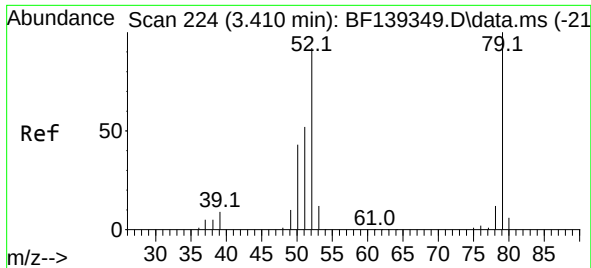
Tgt Ion:152 Resp: 55011
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 62.2 48.1 72.1



#2
1,4-Dioxane
Concen: 36.281 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.112 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion: 88 Resp: 49084
Ion Ratio Lower Upper
88 100
58 91.2 74.8 112.2
43 47.5 36.4 54.6





#3

Pyridine

Concen: 42.302 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

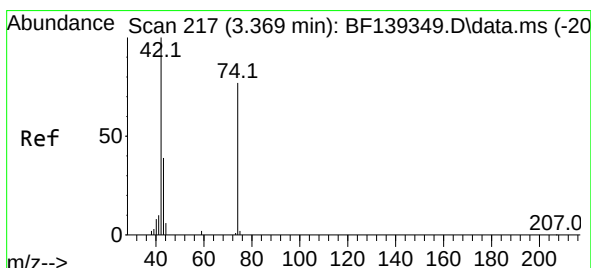
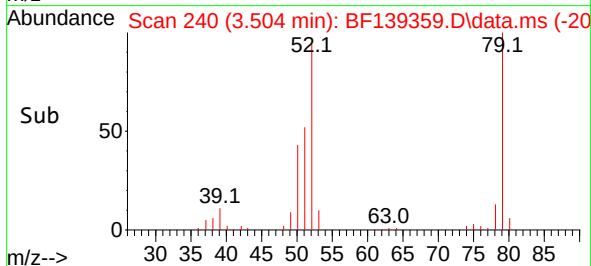
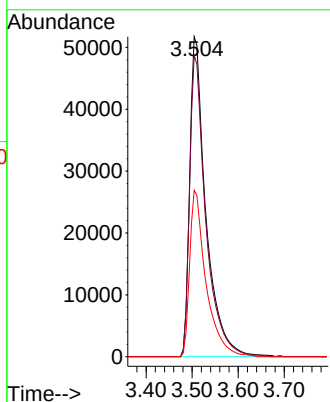
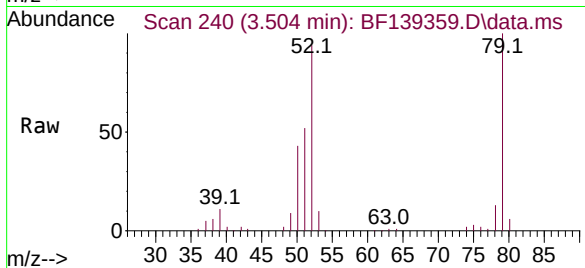
Tgt Ion: 79 Resp: 126182

Ion Ratio Lower Upper

79 100

52 94.2 73.8 110.8

51 52.0 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 42.826 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.100 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

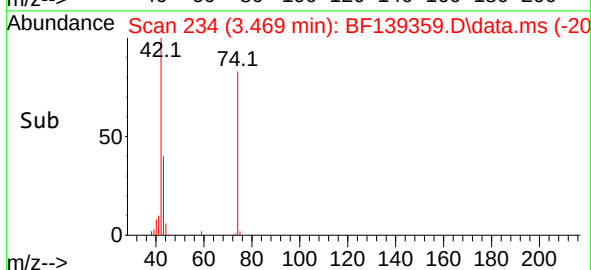
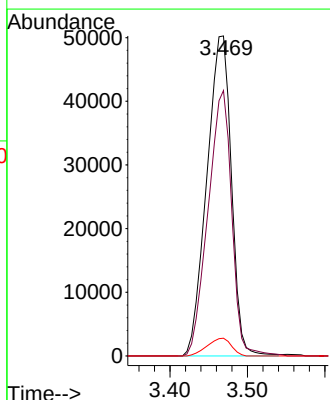
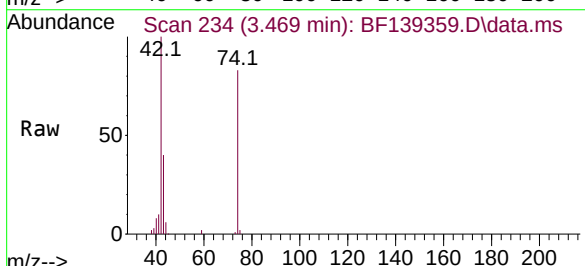
Tgt Ion: 42 Resp: 110722

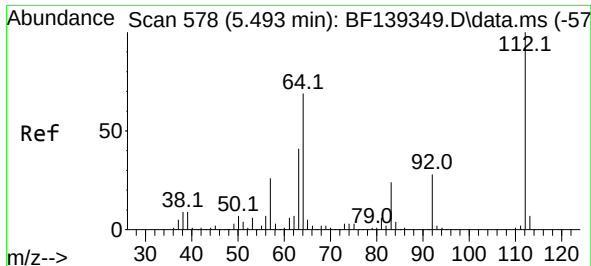
Ion Ratio Lower Upper

42 100

74 82.9 61.8 92.8

44 5.6 4.8 7.2

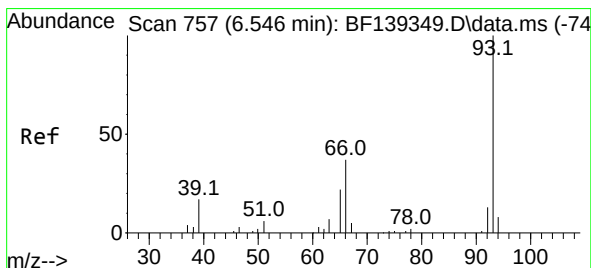
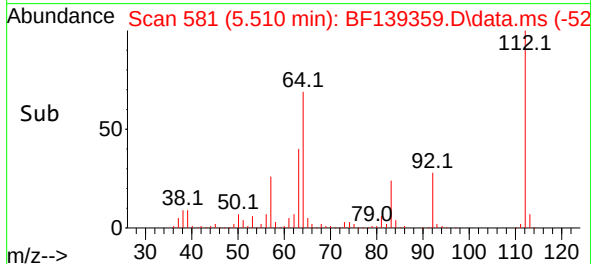
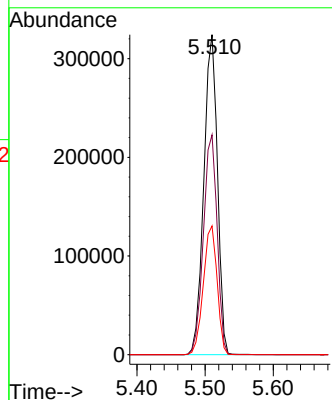
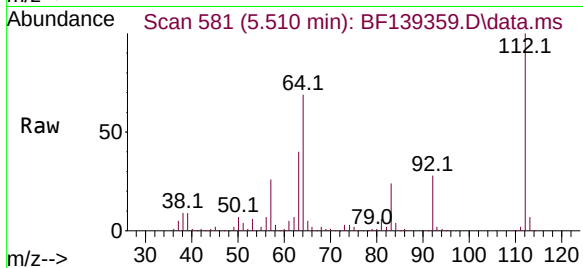




#5
2-Fluorophenol
Concen: 133.675 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

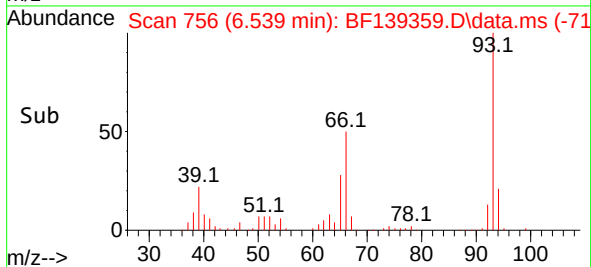
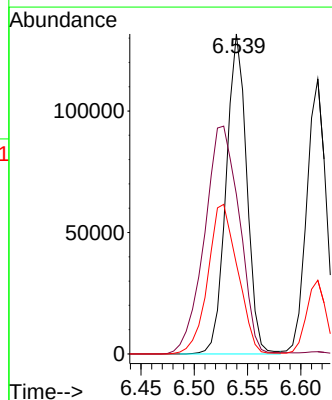
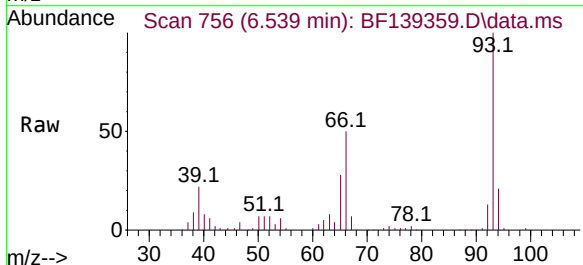
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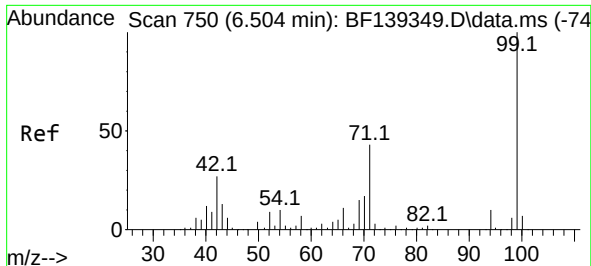
Tgt Ion:112 Resp: 450768
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 40.2 33.0 49.4



#6
Aniline
Concen: 53.088 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion: 93 Resp: 177326
Ion Ratio Lower Upper
93 100
66 49.9 35.4 53.0
65 28.2 18.2 27.4#

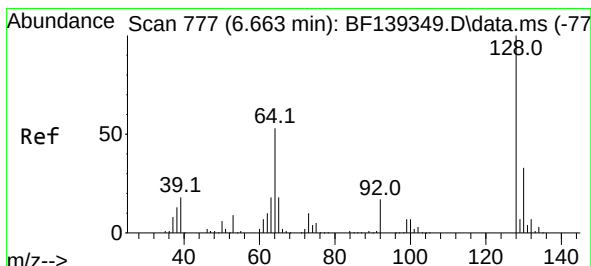
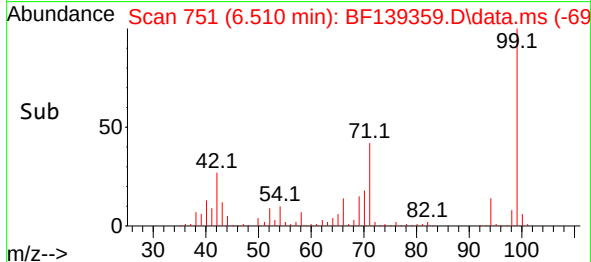
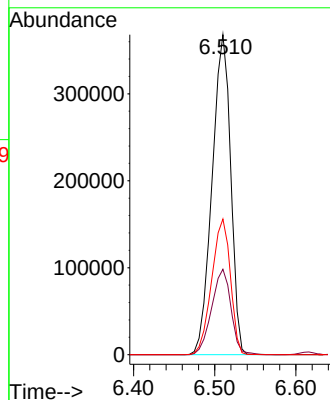
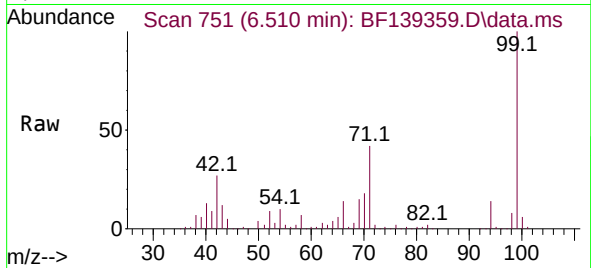




#7
Phenol-d6
Concen: 132.259 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

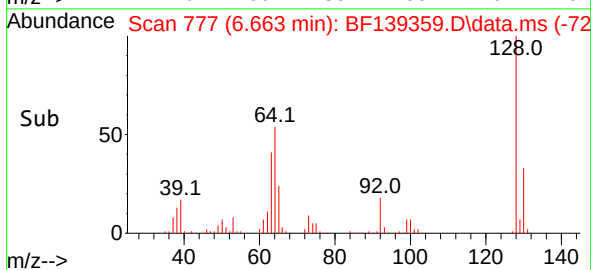
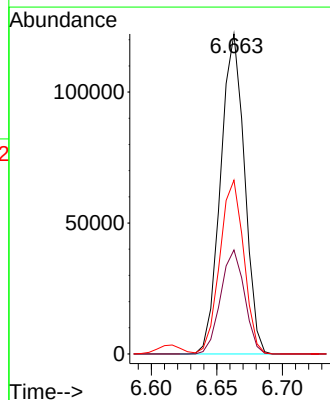
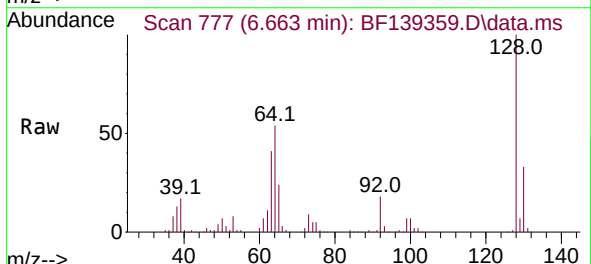
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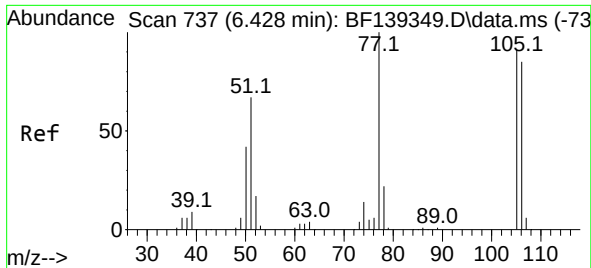
Tgt Ion: 99 Resp: 585396
Ion Ratio Lower Upper
99 100
42 26.7 21.9 32.9
71 42.4 34.6 52.0



#8
2-Chlorophenol
Concen: 44.653 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139359.D
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Tgt Ion: 128 Resp: 155000
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 14.644 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

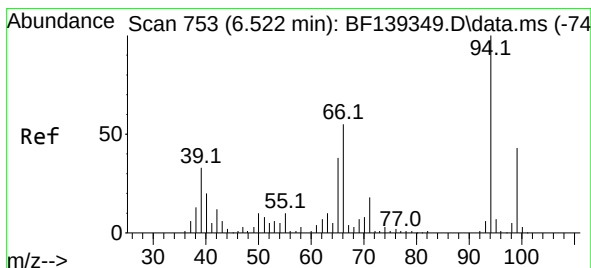
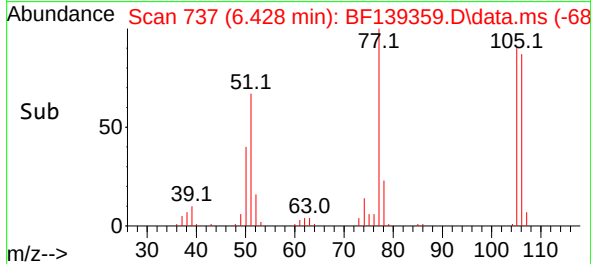
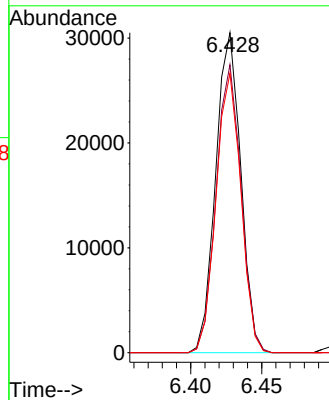
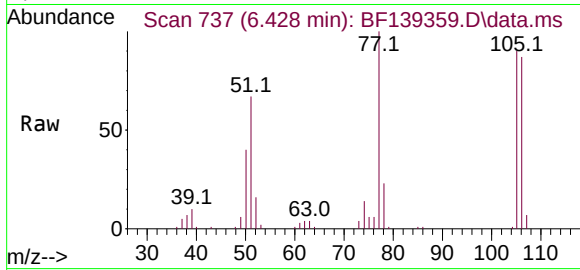
Tgt Ion: 77 Resp: 37448

Ion Ratio Lower Upper

77 100

105 90.0 71.0 111.0

106 87.3 64.9 104.9



#10

Phenol

Concen: 46.536 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

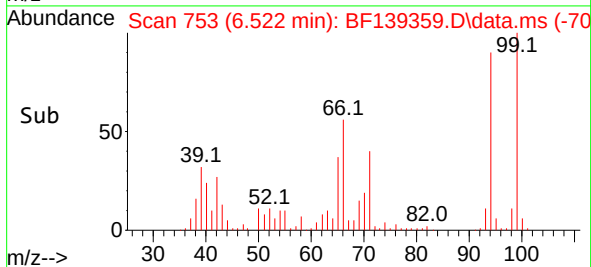
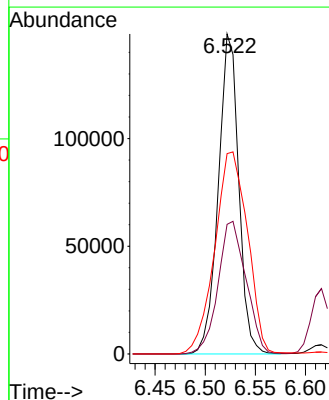
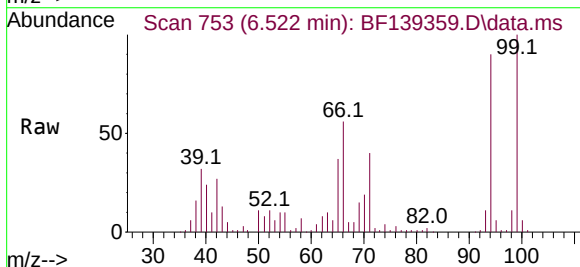
Tgt Ion: 94 Resp: 209781

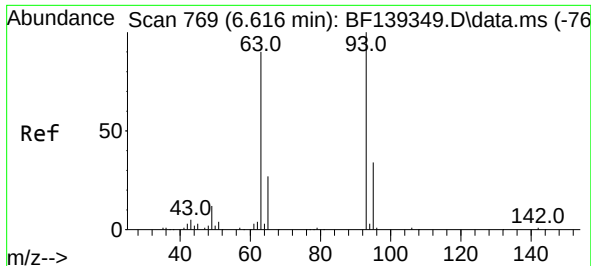
Ion Ratio Lower Upper

94 100

65 40.5 17.6 57.6

66 62.6 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 41.618 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

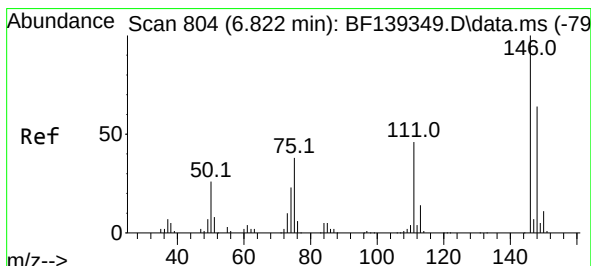
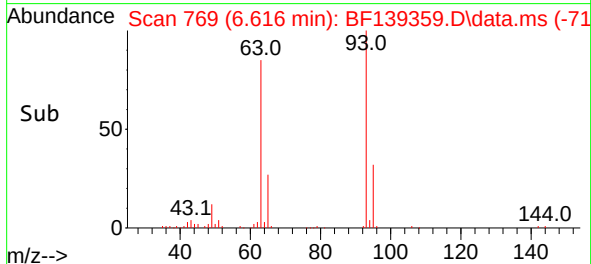
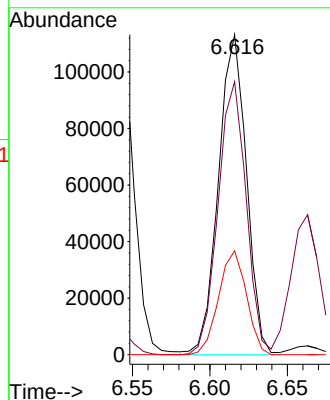
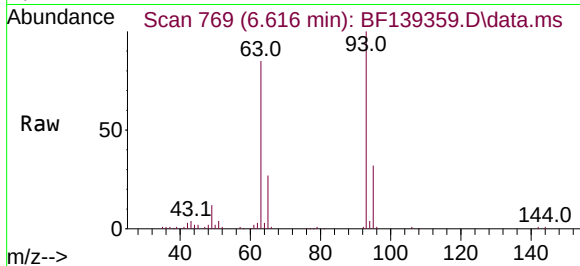
Tgt Ion: 93 Resp: 142597

Ion Ratio Lower Upper

93 100

63 85.3 65.3 105.3

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.753 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

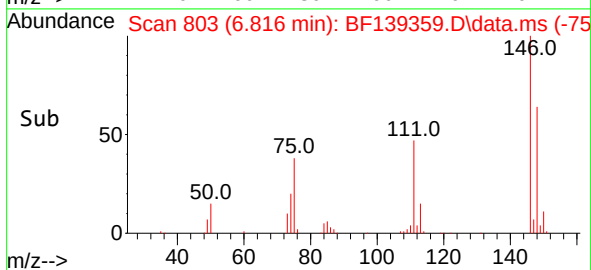
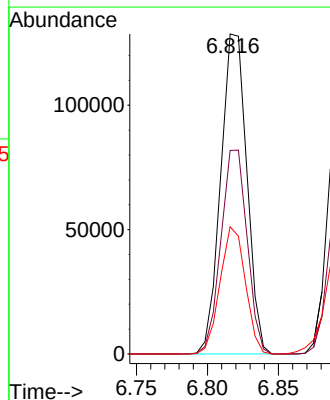
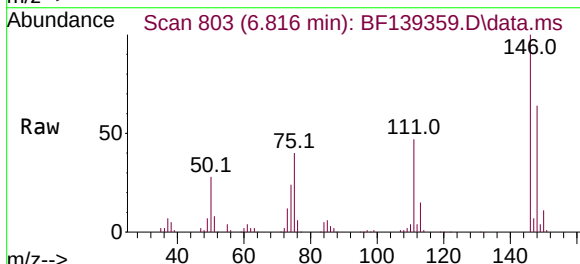
Tgt Ion:146 Resp: 164828

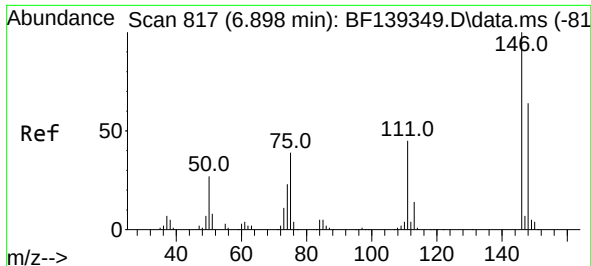
Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

75 39.8 30.6 46.0

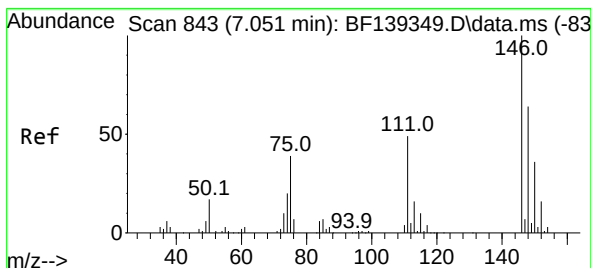
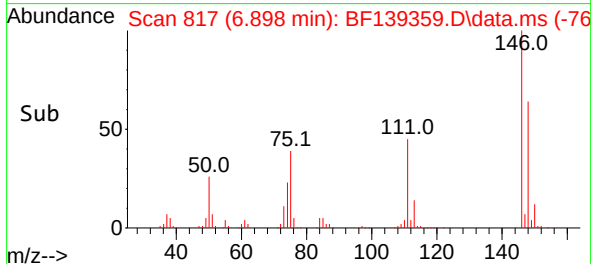
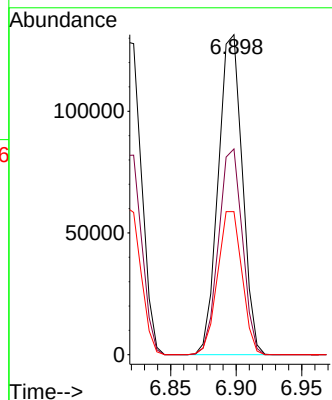
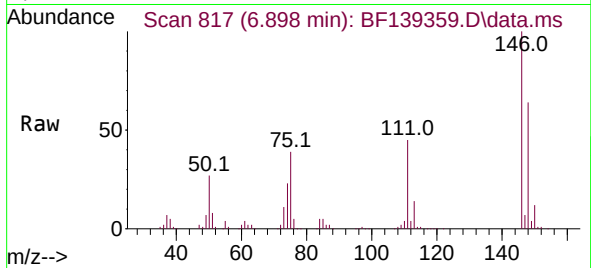




#13
 1,4-Dichlorobenzene
 Concen: 42.032 ng
 RT: 6.898 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

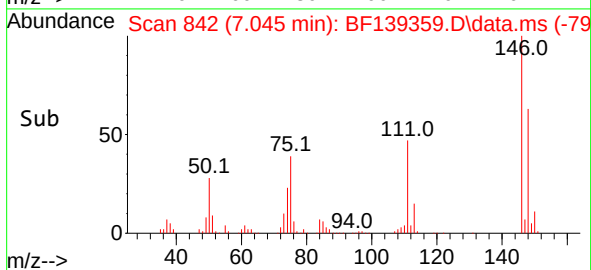
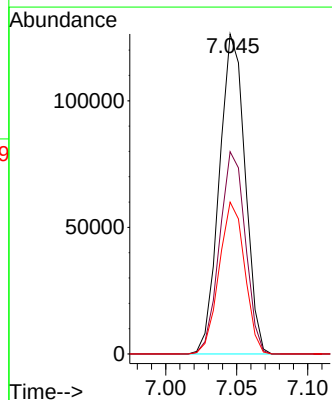
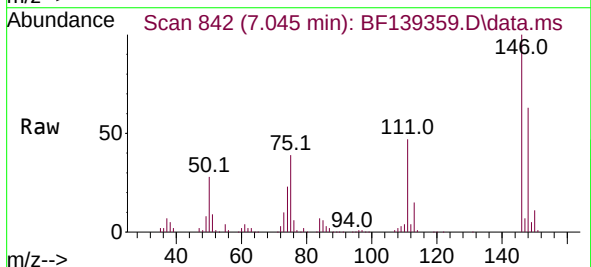
Instrument :
 BNA_F
 ClientSampleId :
 PB163293BS

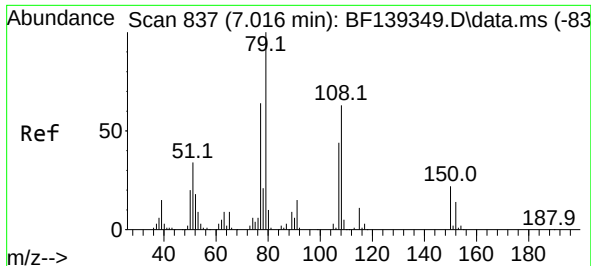
Tgt Ion:146 Resp: 167678
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 44.7 36.3 54.5



#14
 1,2-Dichlorobenzene
 Concen: 42.268 ng
 RT: 7.045 min Scan# 842
 Delta R.T. -0.006 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

Tgt Ion:146 Resp: 159332
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 47.4 38.9 58.3

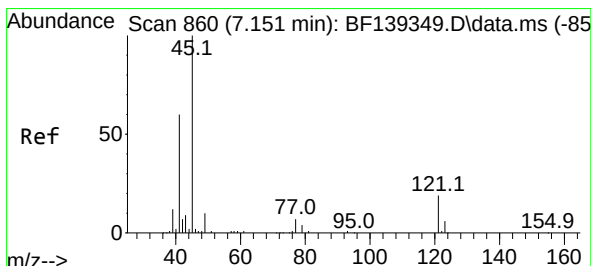
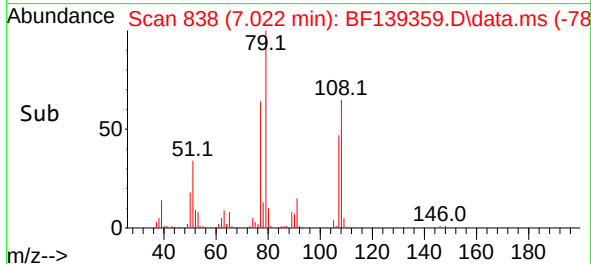
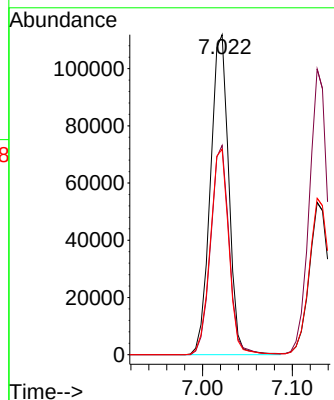
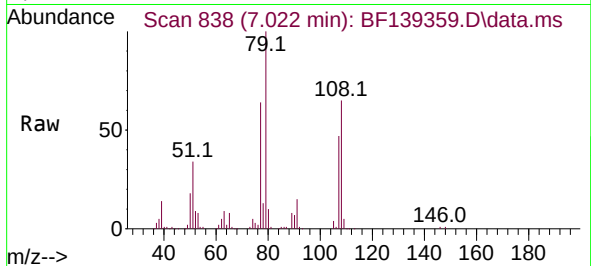




#15
Benzyl Alcohol
Concen: 45.015 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

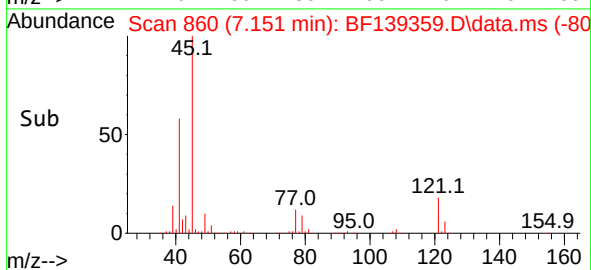
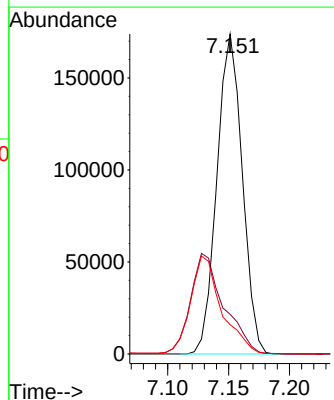
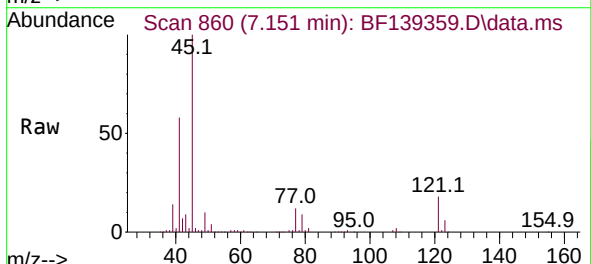
Instrument :
BNA_F
ClientSampleId :
PB163293BS

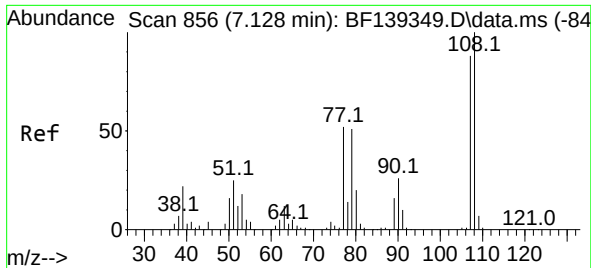
Tgt Ion: 79 Resp: 158960
Ion Ratio Lower Upper
79 100
108 65.4 50.4 75.6
77 64.2 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.682 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion: 45 Resp: 251776
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.0
79 9.2 0.0 29.1

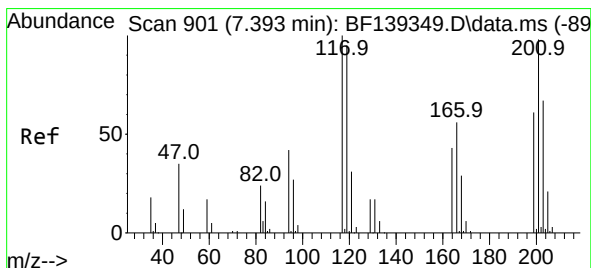
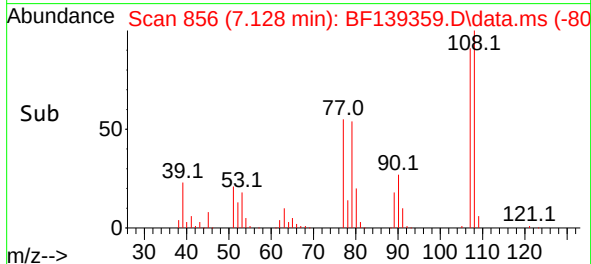
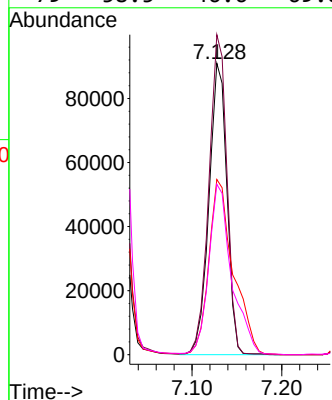
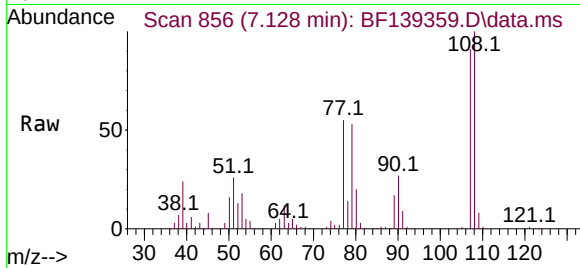




#17
2-Methylphenol
Concen: 45.787 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

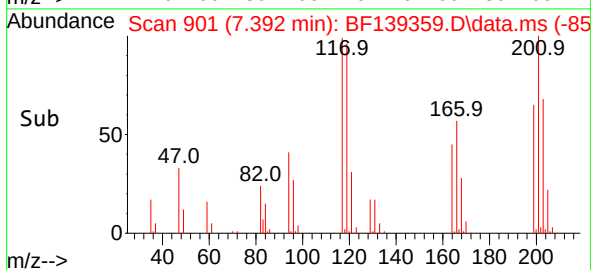
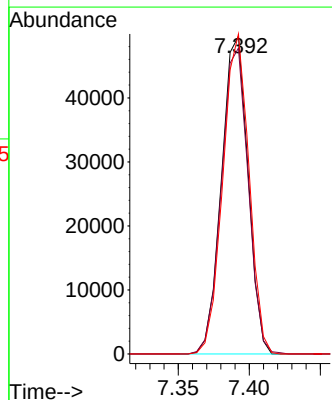
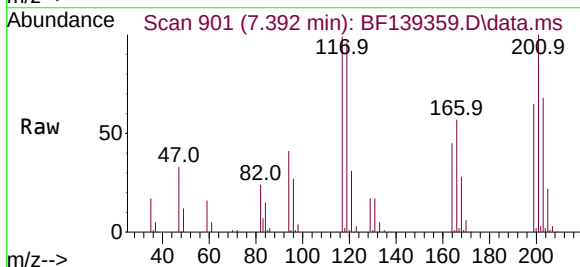
Instrument :
BNA_F
ClientSampleId :
PB163293BS

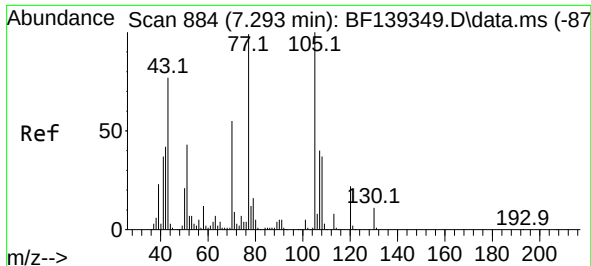
Tgt Ion:	107	Resp:	126274
Ion	Ratio	Lower	Upper
107	100		
108	109.8	90.5	135.7
77	60.2	47.1	70.7
79	58.5	46.6	69.8



#18
Hexachloroethane
Concen: 42.340 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:	117	Resp:	64334
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	100.8	78.6	118.0



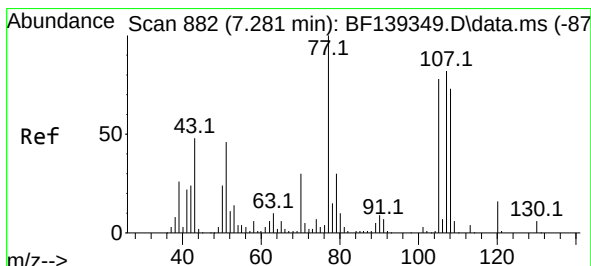
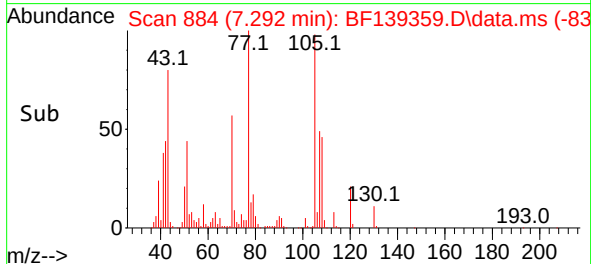
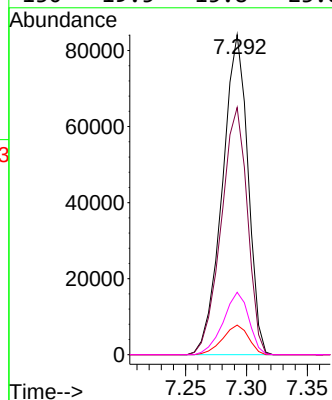
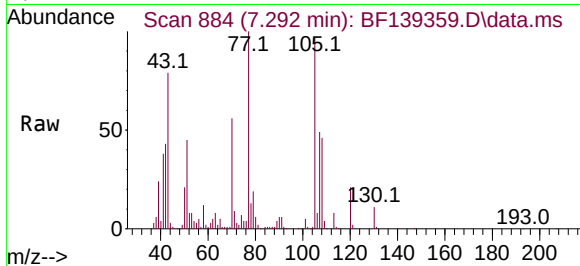


#19
n-Nitroso-di-n-propylamine
Concen: 46.860 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Instrument :
BNA_F
ClientSampleId :
PB163293BS

Tgt Ion: 70 Resp: 122907

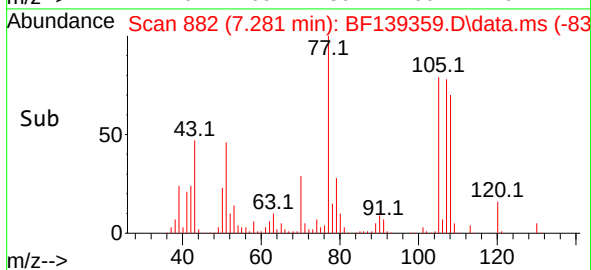
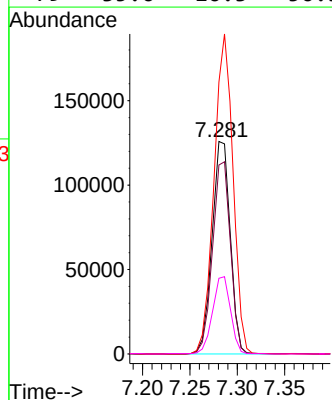
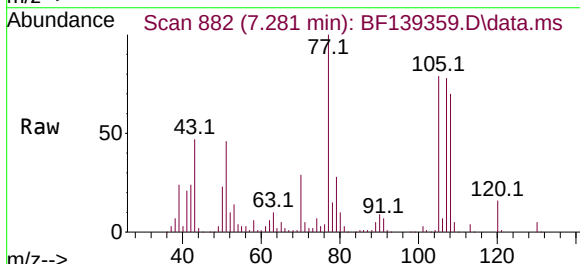
Ion	Ratio	Lower	Upper
70	100		
42	77.3	61.2	91.8
101	9.2	7.5	11.3
130	19.5	15.8	23.8

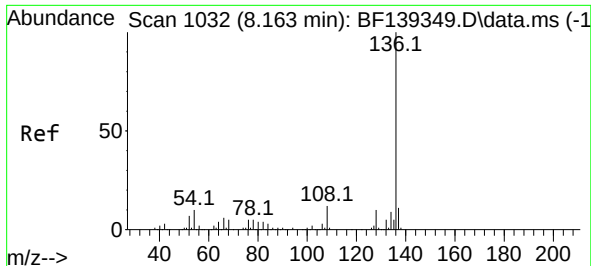


#20
3+4-Methylphenols
Concen: 44.716 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion: 107 Resp: 168249

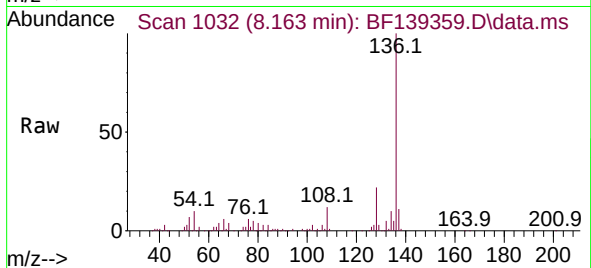
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.6	108.6
77	127.9	101.6	141.6
79	35.6	16.3	56.3





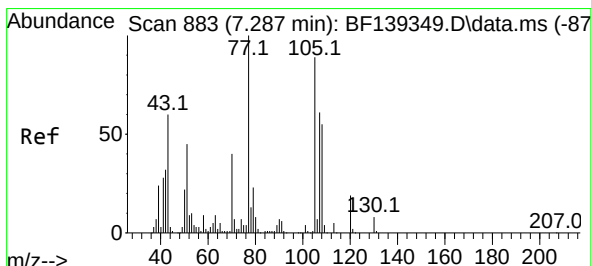
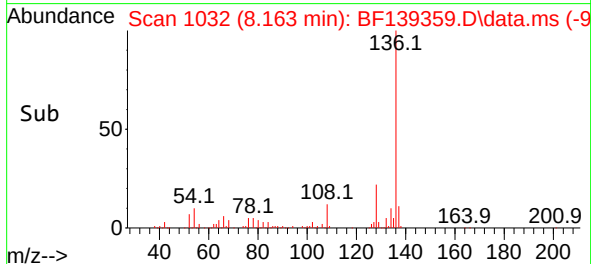
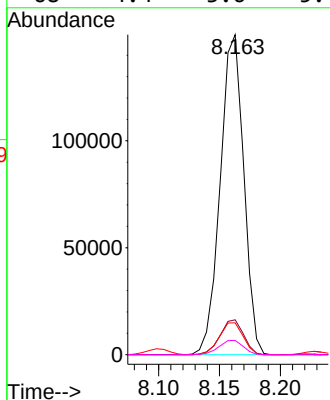
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Instrument :
BNA_F
ClientSampleId :
PB163293BS



Tgt Ion:136 Resp: 201309

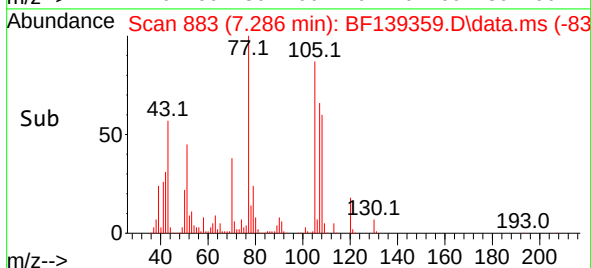
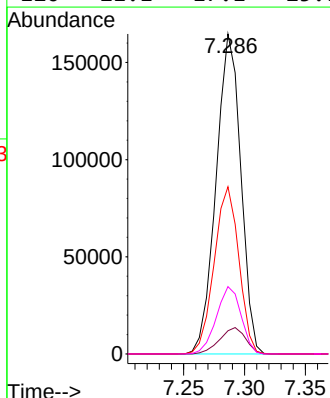
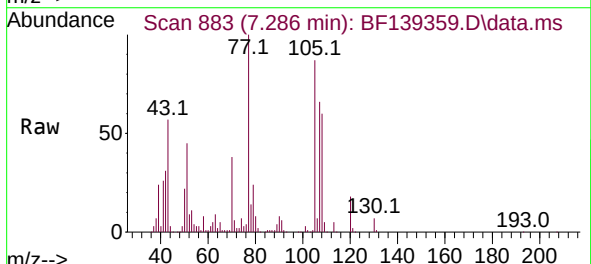
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	7.8	11.8
68	4.4	3.6	5.4

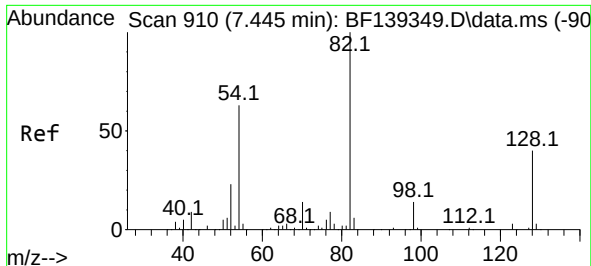


#22
Acetophenone
Concen: 44.176 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:105 Resp: 232491

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.9	8.9
51	52.2	40.0	60.0
120	21.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 91.698 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

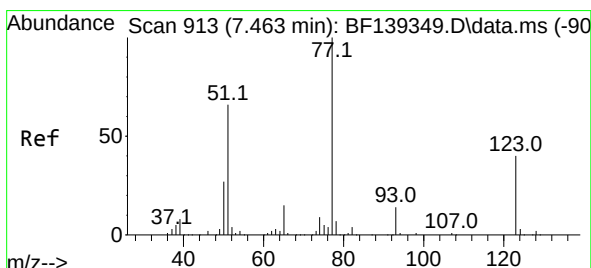
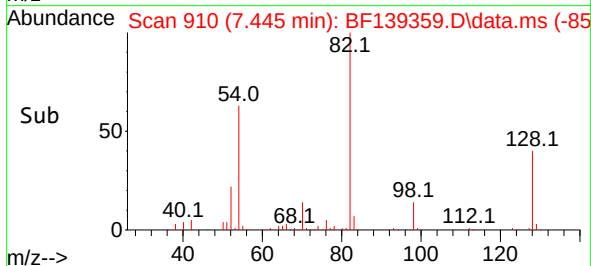
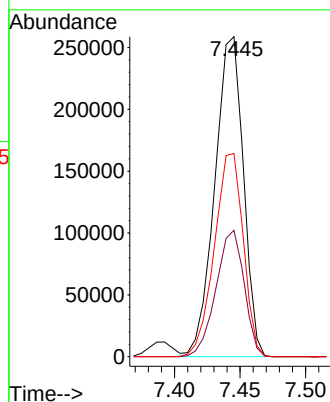
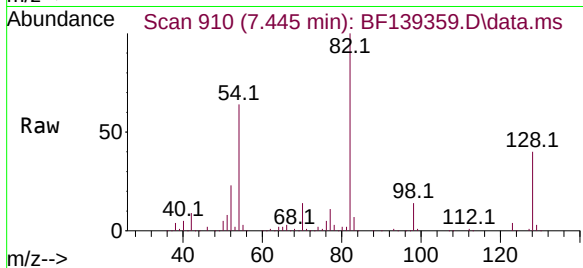
Tgt Ion: 82 Resp: 392663

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 63.5 50.6 75.8



#24

Nitrobenzene

Concen: 41.965 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

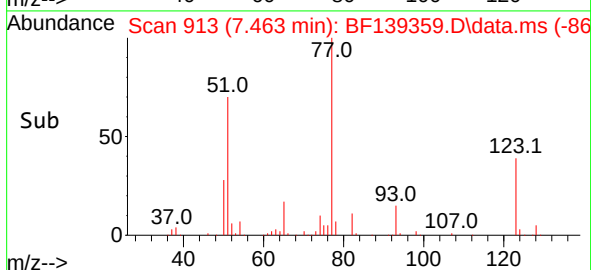
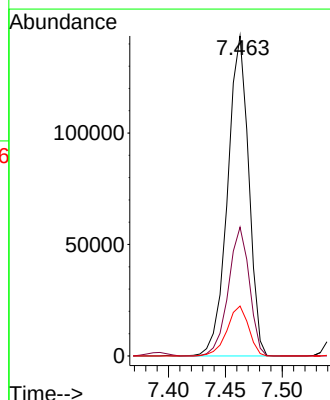
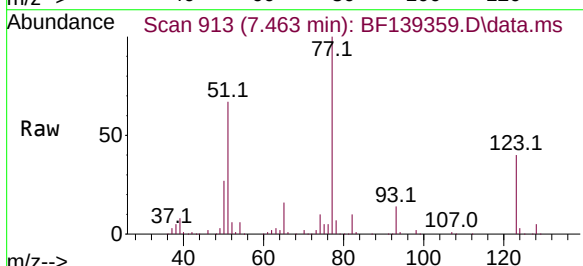
Tgt Ion: 77 Resp: 184950

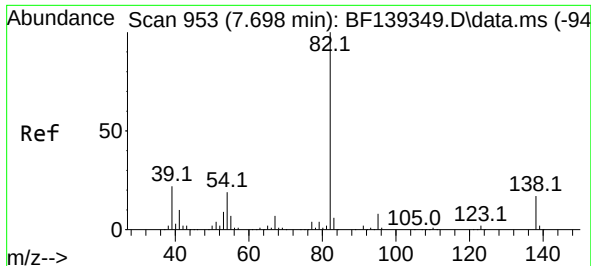
Ion Ratio Lower Upper

77 100

123 40.2 32.2 48.4

65 15.6 12.2 18.4

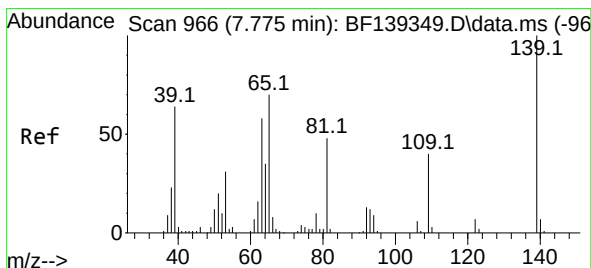
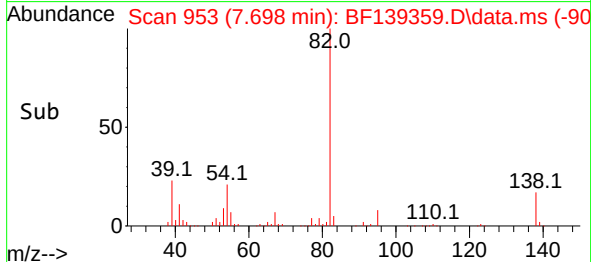
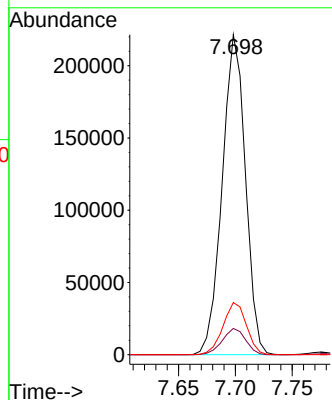
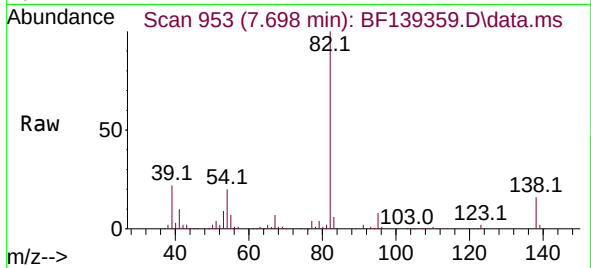




#25
Isophorone
Concen: 46.458 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

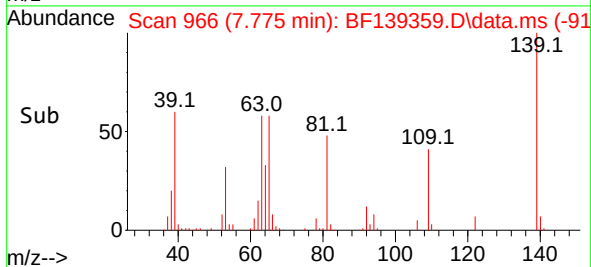
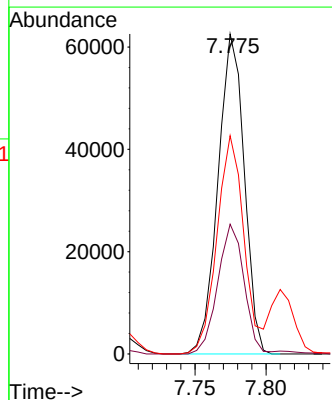
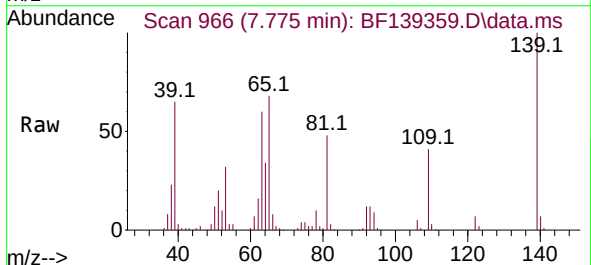
Instrument :
BNA_F
ClientSampleId :
PB163293BS

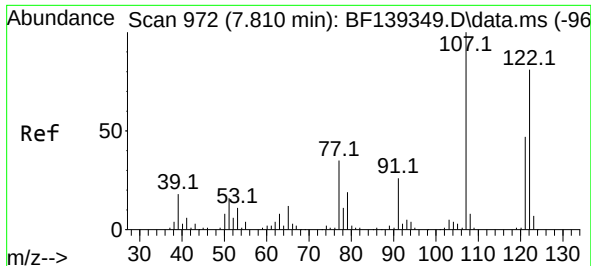
Tgt Ion: 82 Resp: 314626
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 16.3 13.3 19.9



#26
2-Nitrophenol
Concen: 46.849 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:139 Resp: 80442
Ion Ratio Lower Upper
139 100
109 40.6 32.2 48.2
65 68.2 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 54.741 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

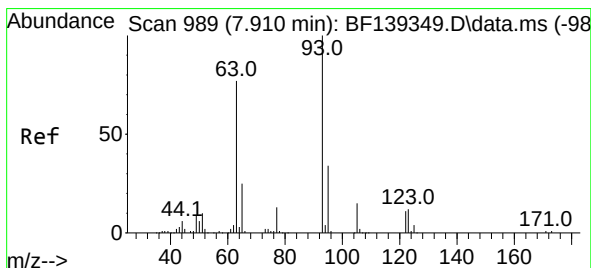
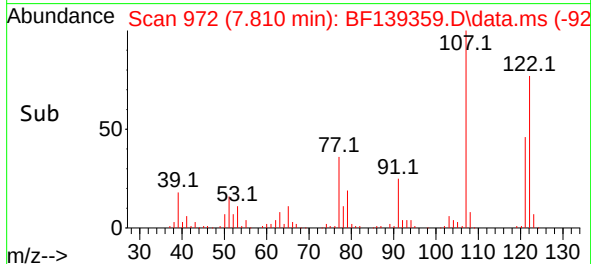
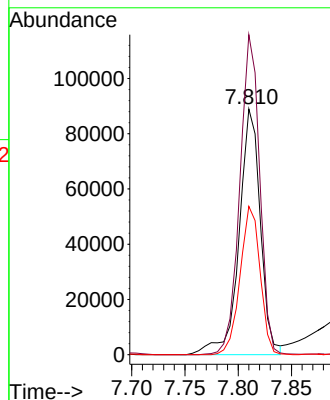
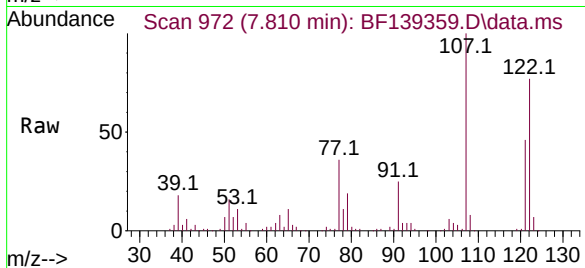
Tgt Ion:122 Resp: 123984

Ion Ratio Lower Upper

122 100

107 130.2 99.1 148.7

121 60.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.237 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

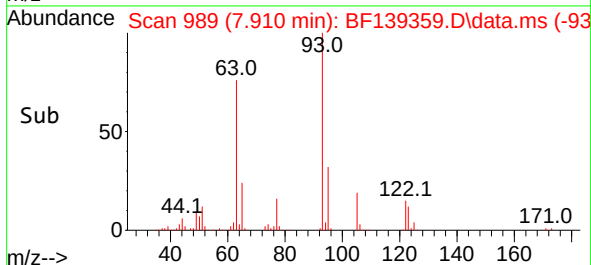
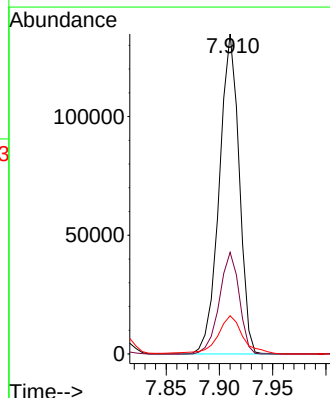
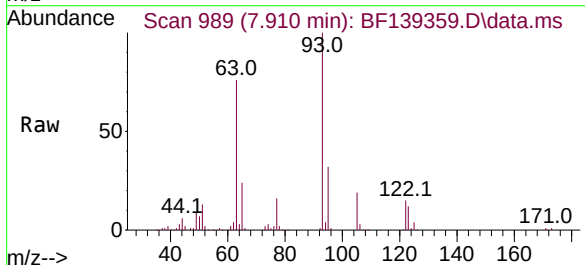
Tgt Ion: 93 Resp: 174600

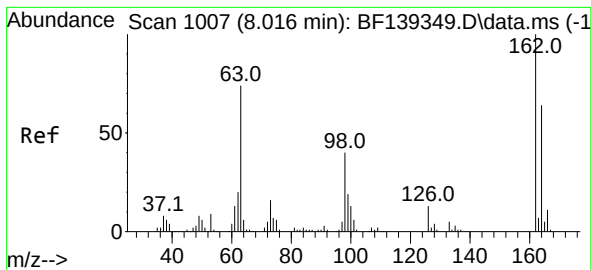
Ion Ratio Lower Upper

93 100

95 31.8 26.9 40.3

123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.582 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

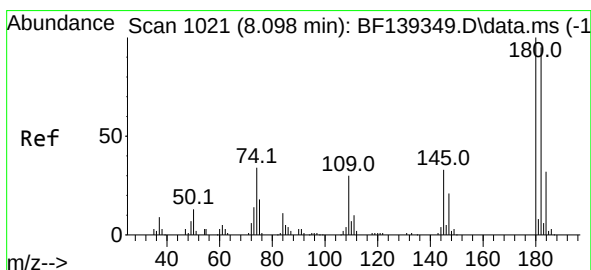
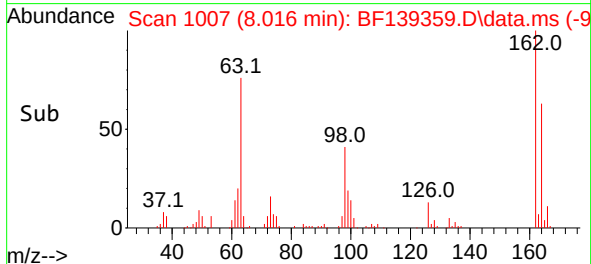
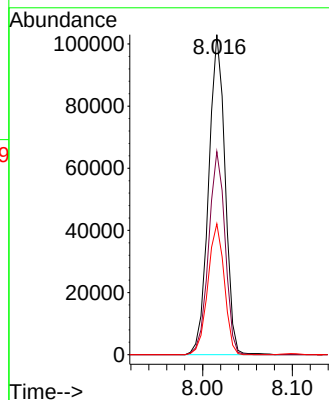
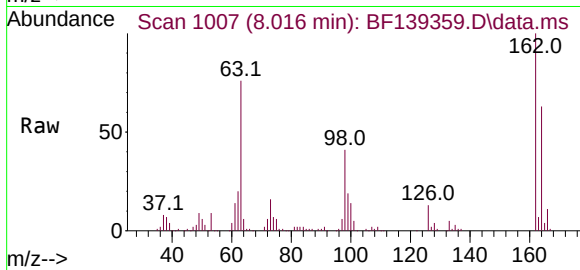
Tgt Ion:162 Resp: 131153

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 40.9 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 42.409 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

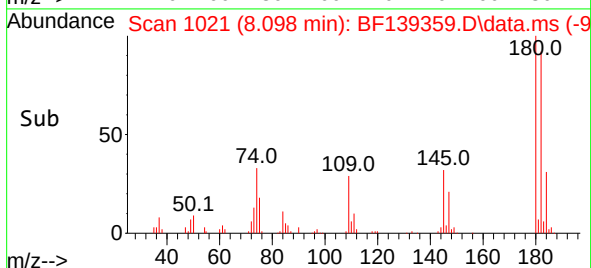
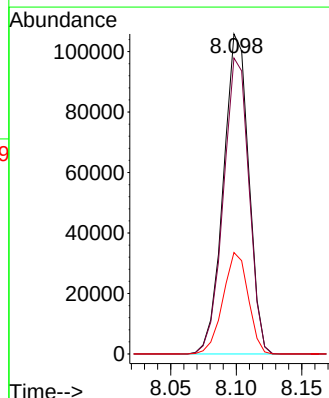
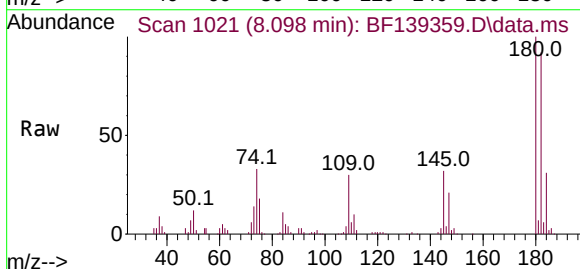
Tgt Ion:180 Resp: 142178

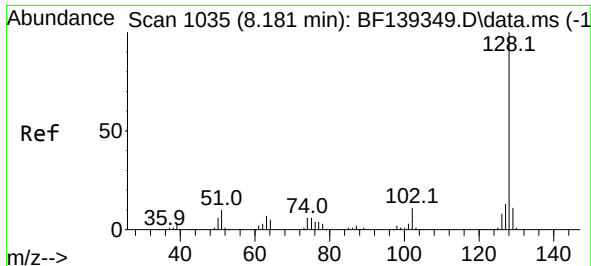
Ion Ratio Lower Upper

180 100

182 92.5 75.7 113.5

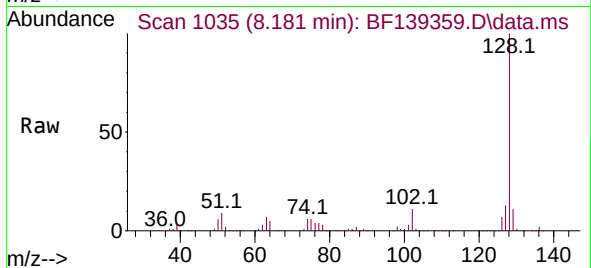
145 31.7 26.5 39.7



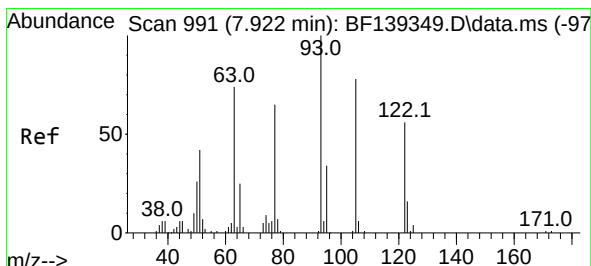
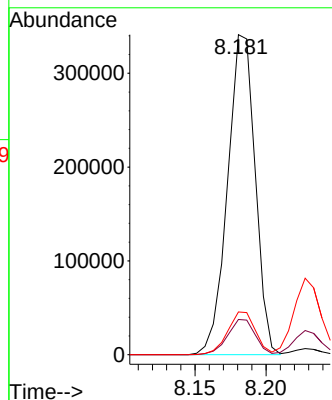
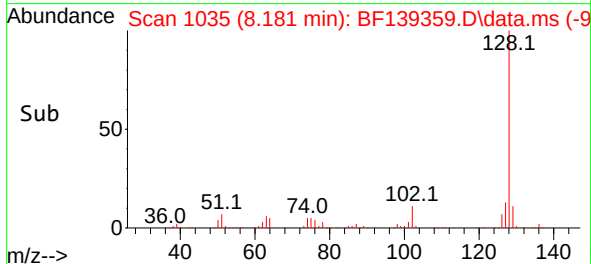


#31
Naphthalene
Concen: 43.891 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Instrument :
BNA_F
ClientSampleId :
PB163293BS

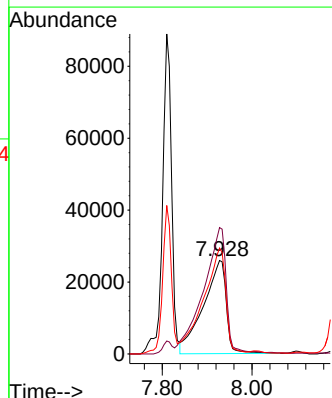
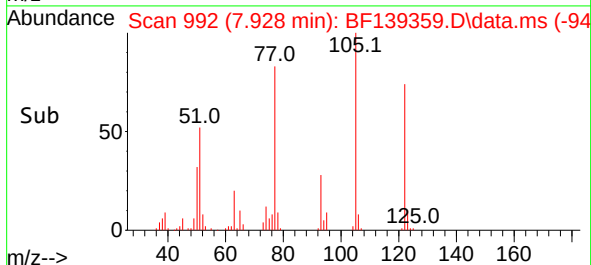
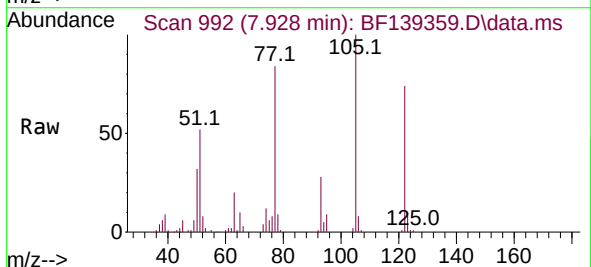


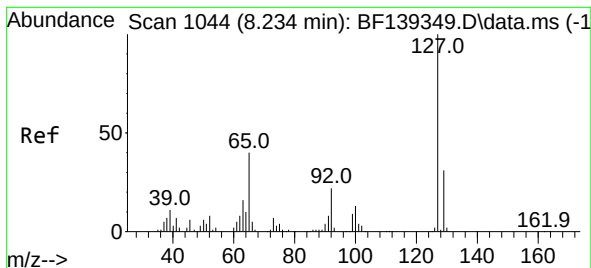
Tgt Ion:128 Resp: 461268
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.306 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:122 Resp: 91791
Ion Ratio Lower Upper
122 100
105 135.1 117.1 157.1
77 113.2 95.4 135.4





#33

4-Chloroaniline

Concen: 34.954 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

Tgt Ion:127 Resp: 112381

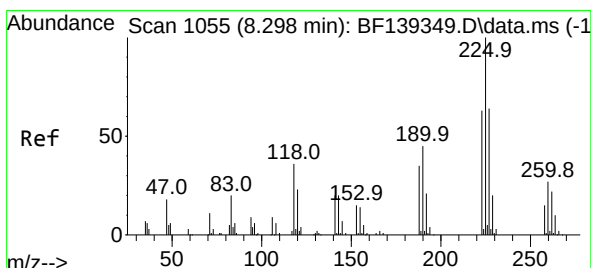
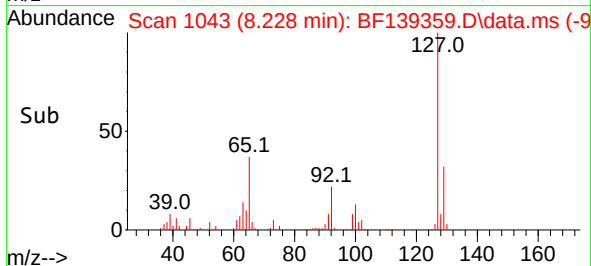
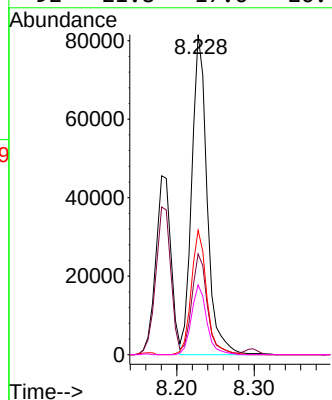
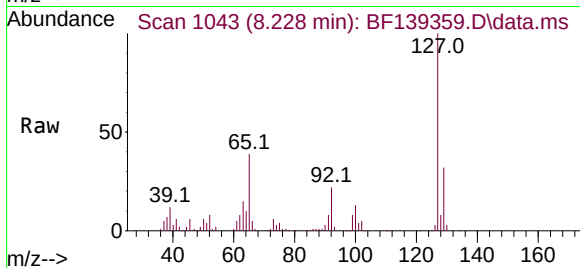
Ion Ratio Lower Upper

127 100

129 31.5 25.5 38.3

65 38.9 31.5 47.3

92 21.8 17.6 26.4



#34

Hexachlorobutadiene

Concen: 43.679 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

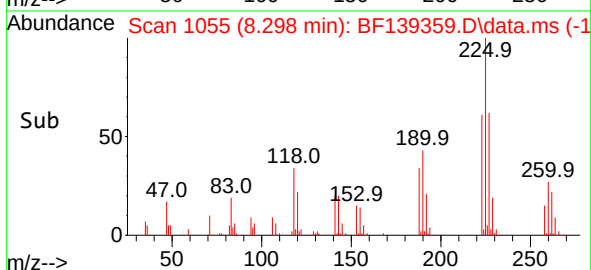
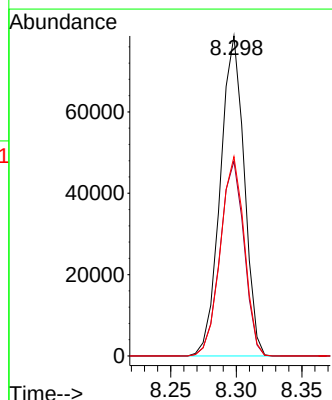
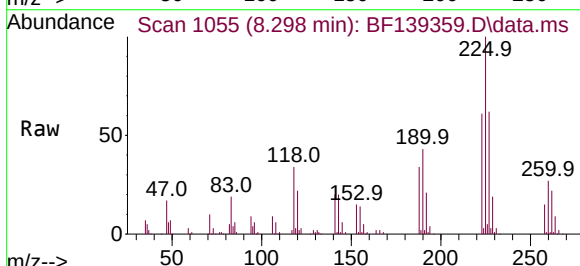
Tgt Ion:225 Resp: 99487

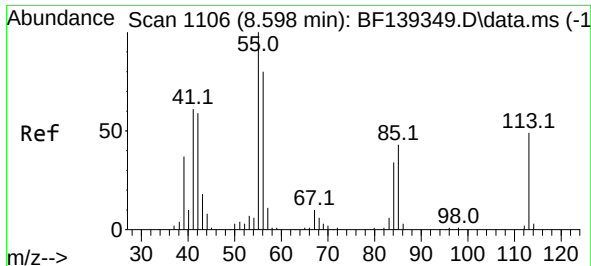
Ion Ratio Lower Upper

225 100

223 60.9 50.1 75.1

227 62.3 51.0 76.6

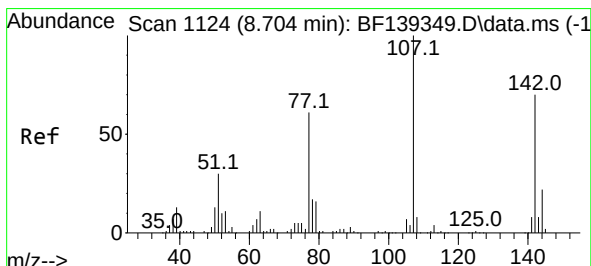
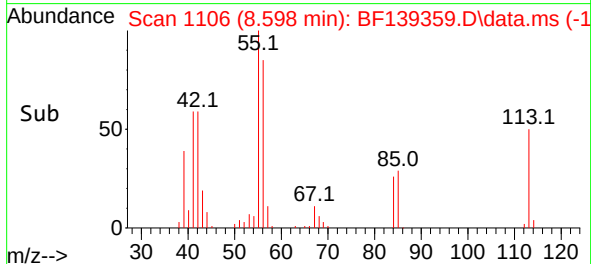
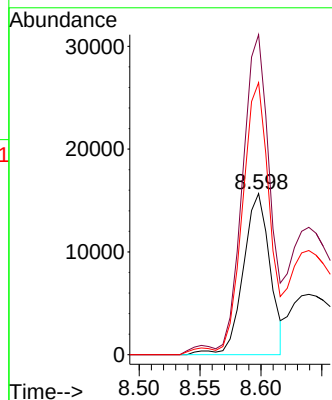
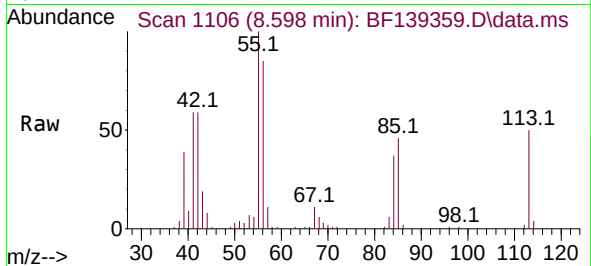




#35
 Caprolactam
 Concen: 27.054 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

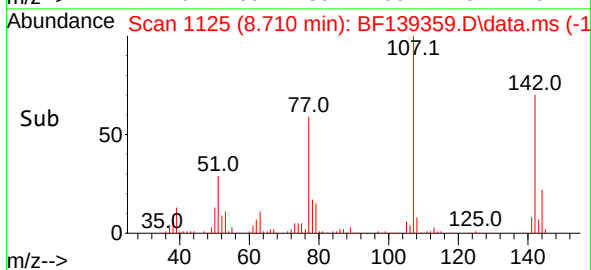
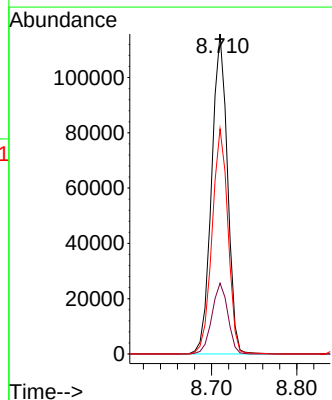
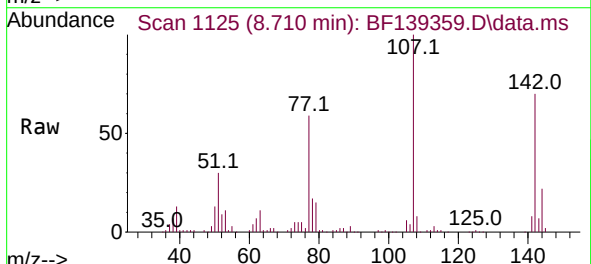
Instrument :
 BNA_F
 ClientSampleId :
 PB163293BS

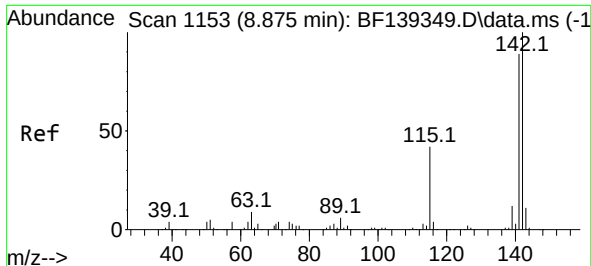
Tgt Ion:113 Resp: 23945
 Ion Ratio Lower Upper
 113 100
 55 198.5 186.1 226.1
 56 168.8 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.555 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

Tgt Ion:107 Resp: 149800
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.5 26.3
 142 70.4 55.8 83.8





#37

2-Methylnaphthalene

Concen: 45.230 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

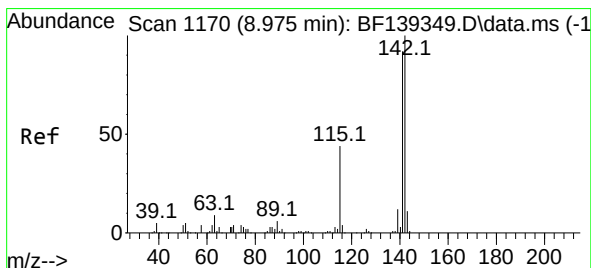
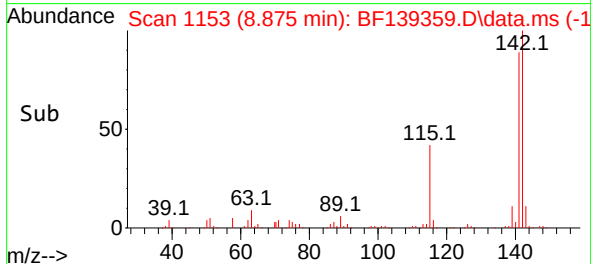
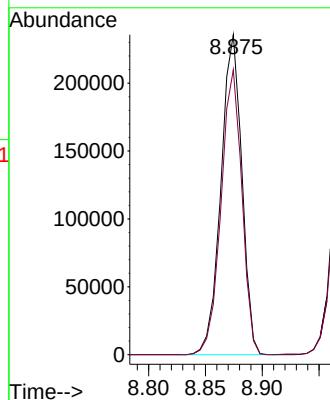
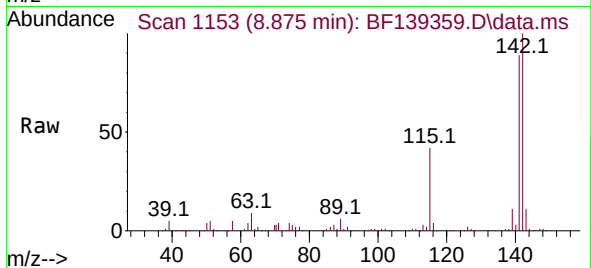
PB163293BS

Tgt Ion:142 Resp: 301715

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 42.424 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139359.D

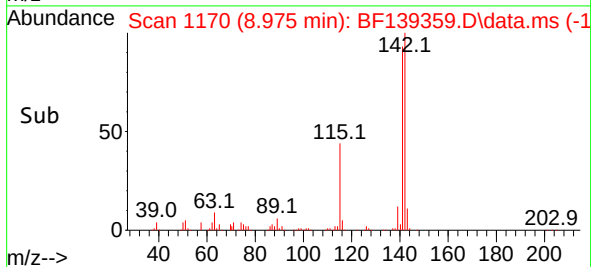
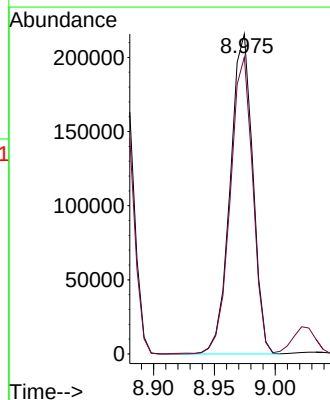
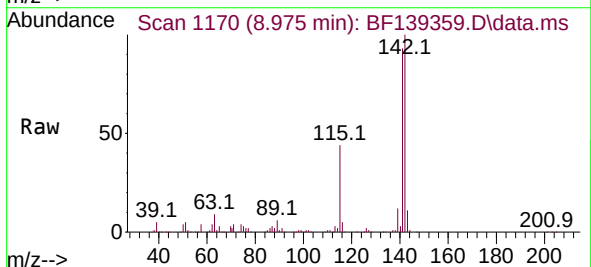
Acq: 14 Sep 2024 10:26

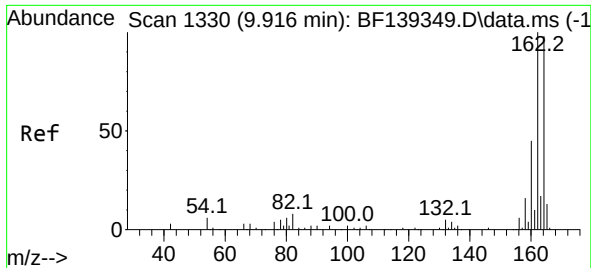
Tgt Ion:142 Resp: 277838

Ion Ratio Lower Upper

142 100

141 92.8 73.2 109.8

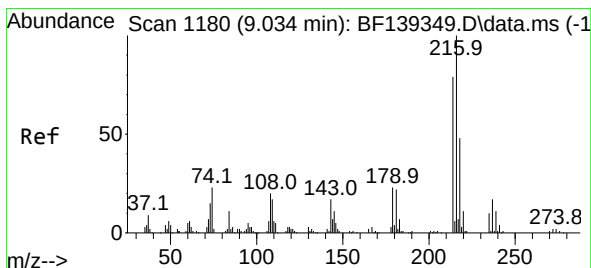
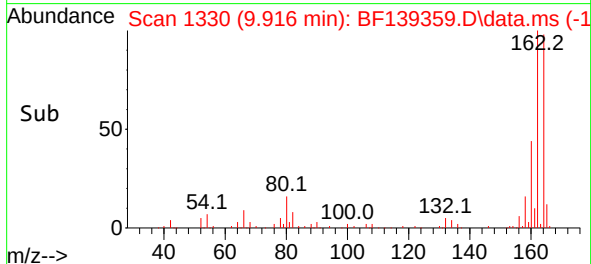
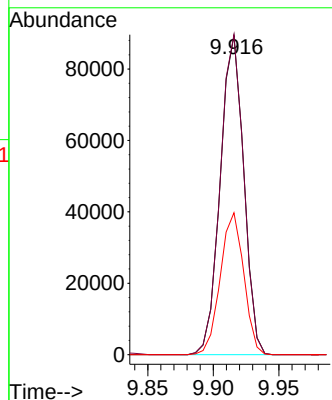
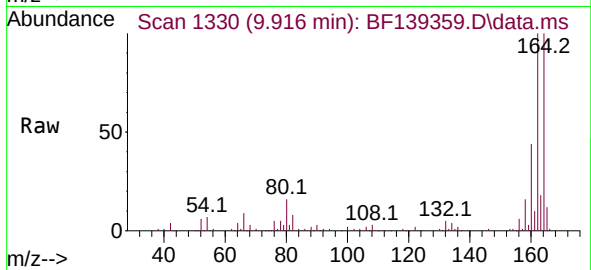




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 111042
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

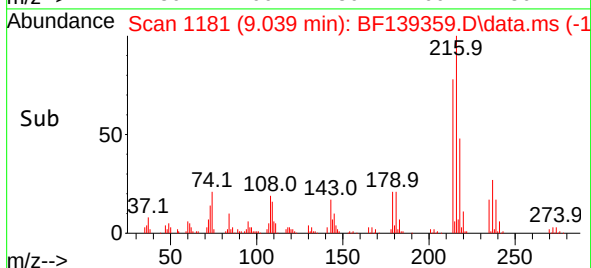
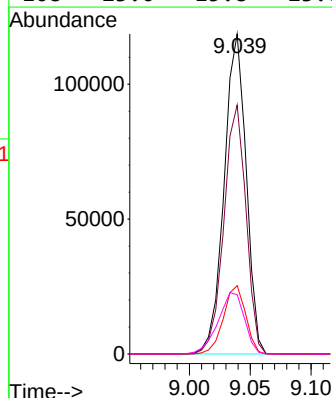
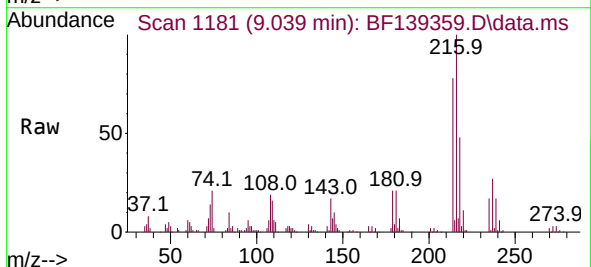
Instrument :
BNA_F
ClientSampleId :
PB163293BS

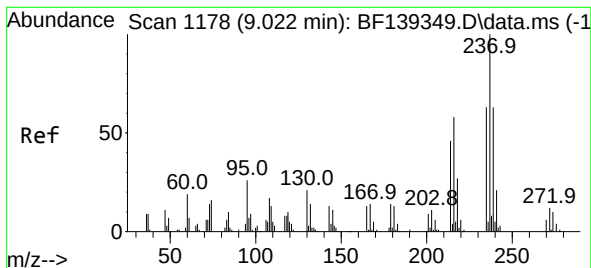
Tgt Ion:164 Resp: 111042
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.387 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:216 Resp: 149365
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 21.5 18.2 27.2
108 23.0 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 170.884 ng

RT: 9.027 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

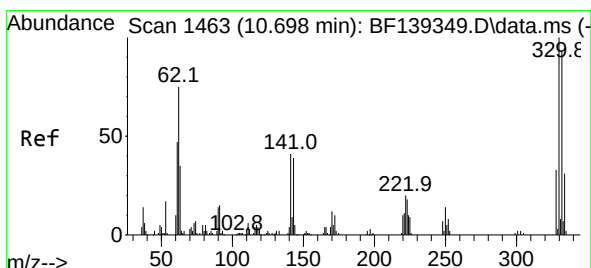
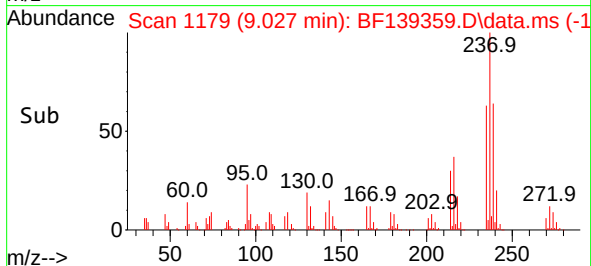
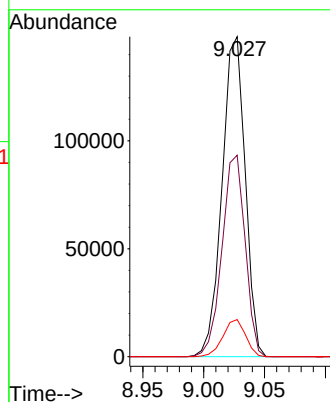
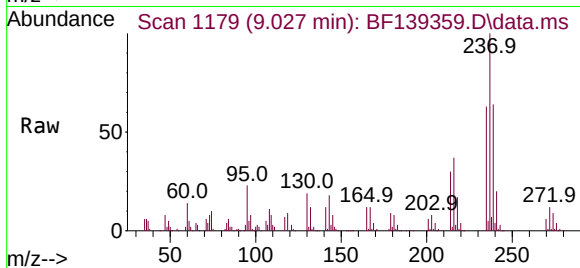
Tgt Ion:237 Resp: 196355

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 11.6 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 140.116 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

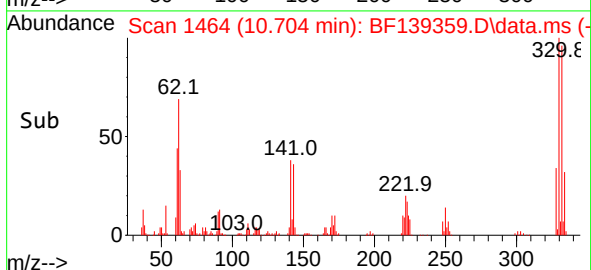
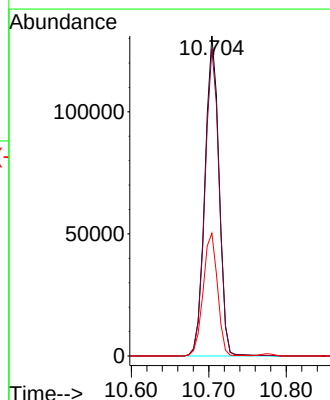
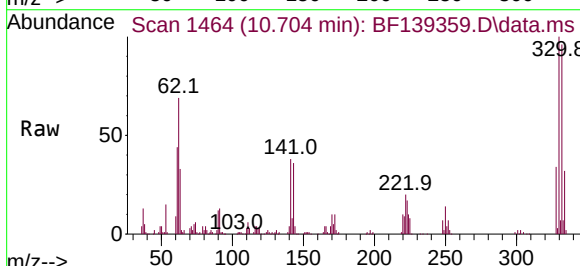
Tgt Ion:330 Resp: 165642

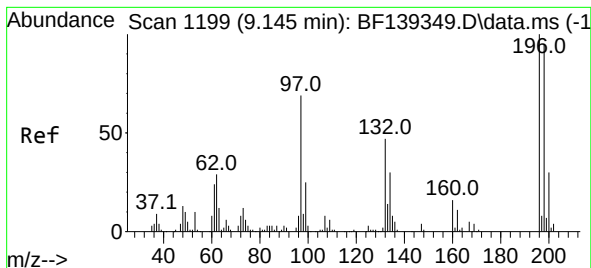
Ion Ratio Lower Upper

330 100

332 96.2 75.2 112.8

141 38.9 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 46.261 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139359.D

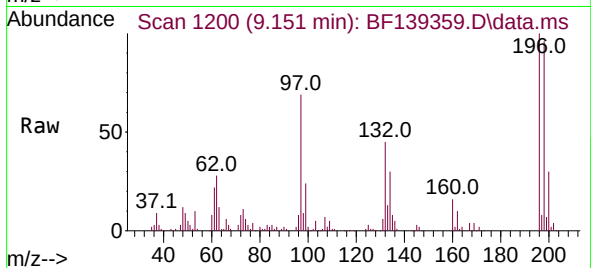
Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS



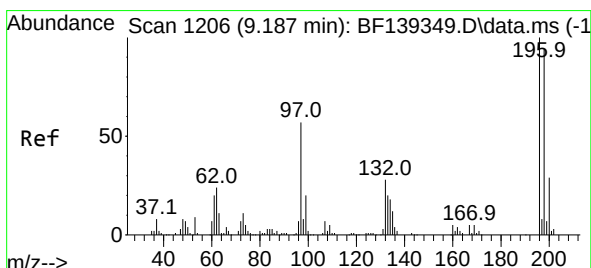
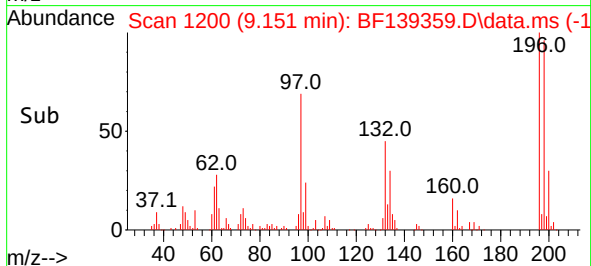
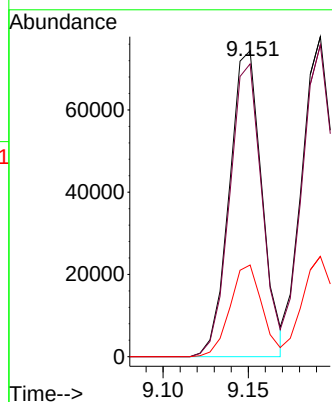
Tgt Ion:196 Resp: 99049

Ion Ratio Lower Upper

196 100

198 95.7 75.8 113.6

200 30.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.988 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Tgt Ion:196 Resp: 101605

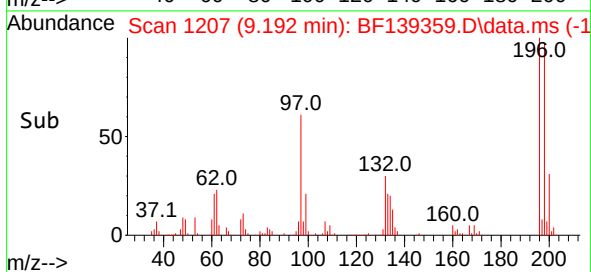
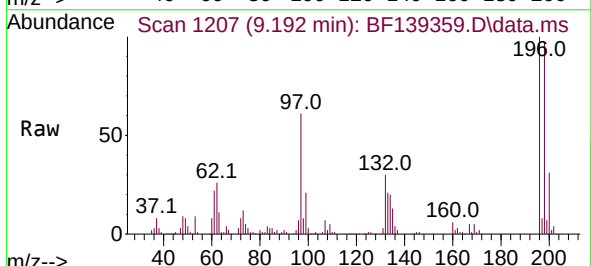
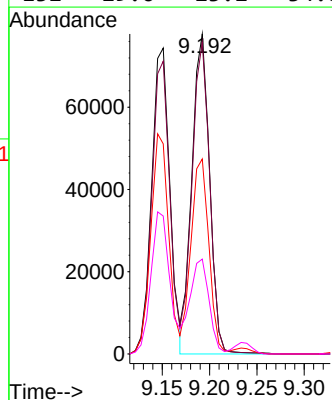
Ion Ratio Lower Upper

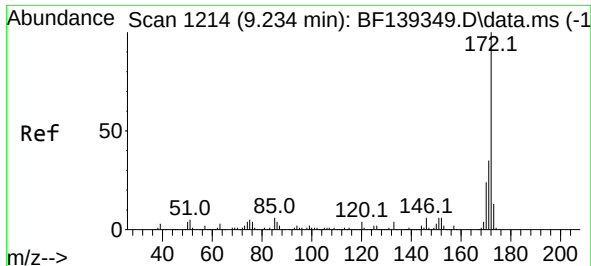
196 100

198 97.5 74.8 112.2

97 61.0 47.3 70.9

132 29.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 93.040 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

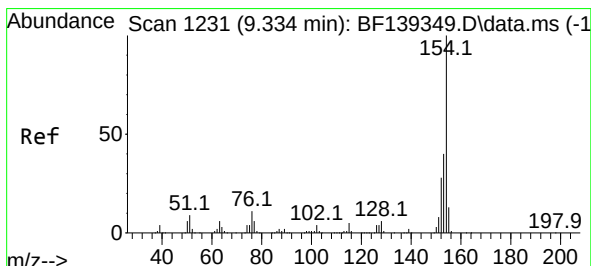
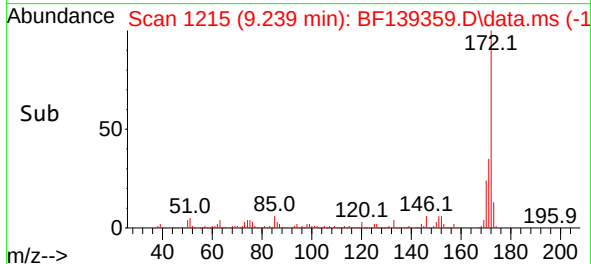
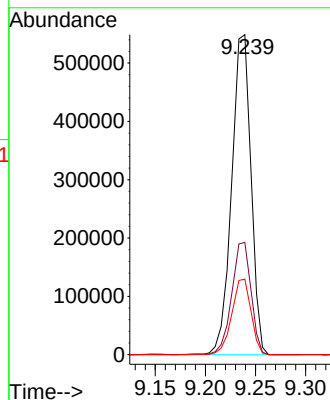
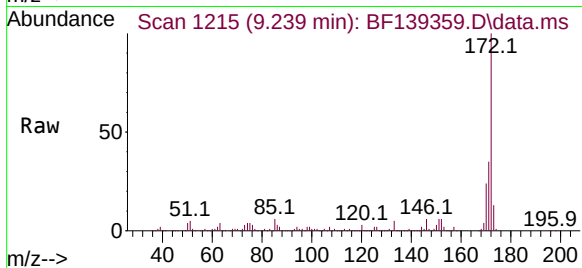
Tgt Ion:172 Resp: 736625

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.683 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

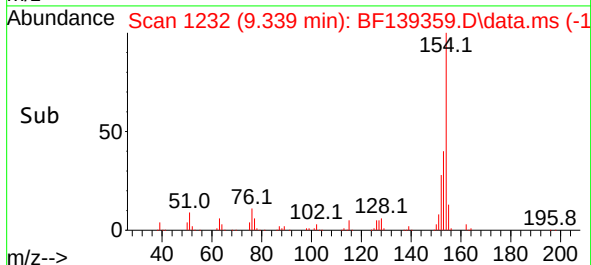
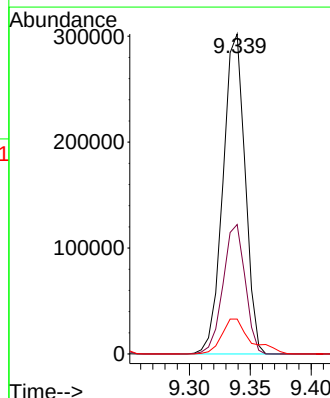
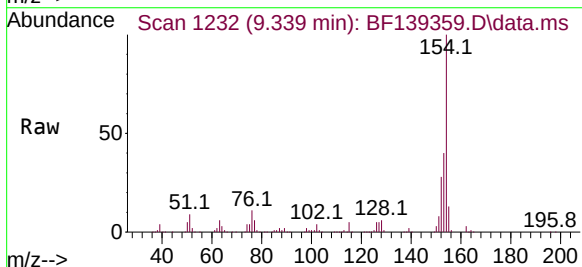
Tgt Ion:154 Resp: 381718

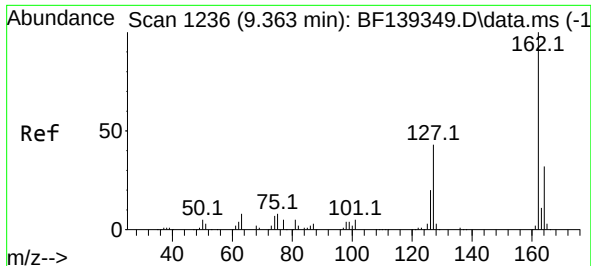
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 10.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.319 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

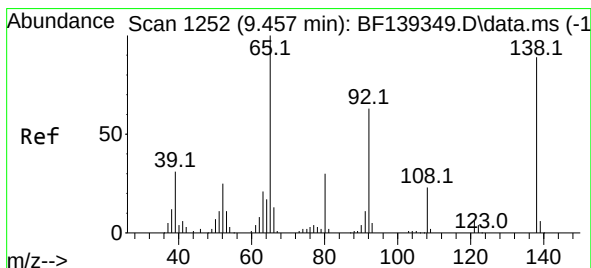
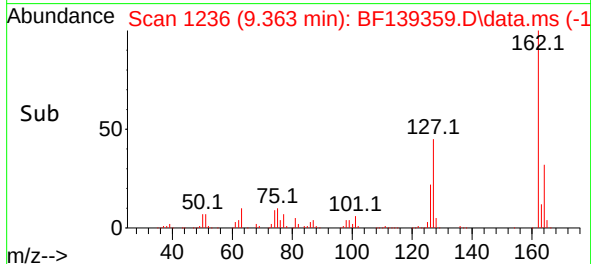
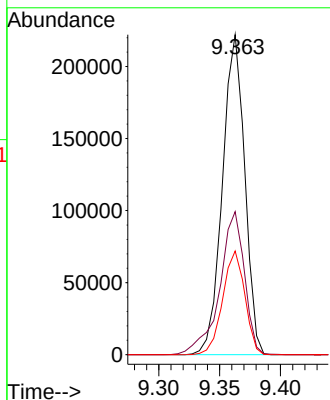
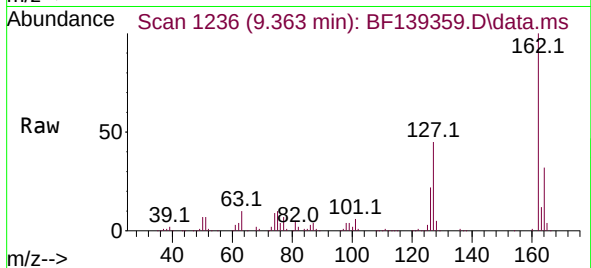
Tgt Ion:162 Resp: 283084

Ion Ratio Lower Upper

162 100

127 44.7 35.0 52.4

164 32.4 25.8 38.6



#48

2-Nitroaniline

Concen: 45.808 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

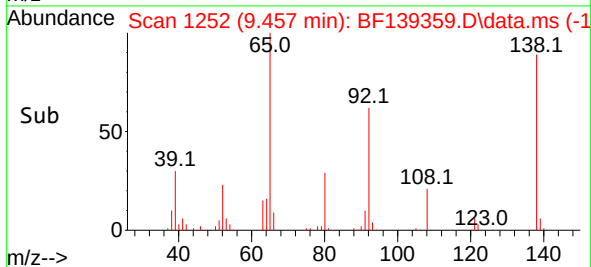
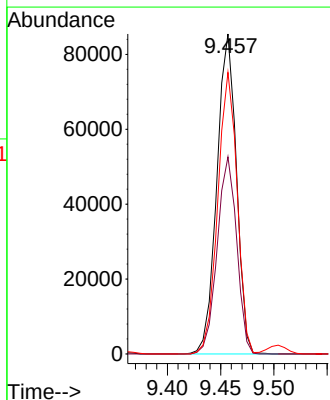
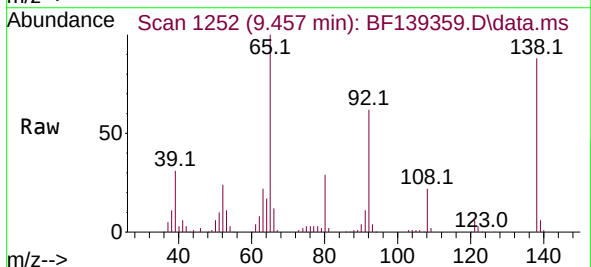
Tgt Ion: 65 Resp: 108830

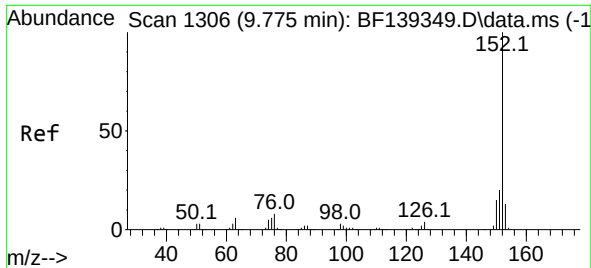
Ion Ratio Lower Upper

65 100

92 61.6 50.3 75.5

138 88.0 71.3 106.9





#49

Acenaphthylene

Concen: 48.275 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

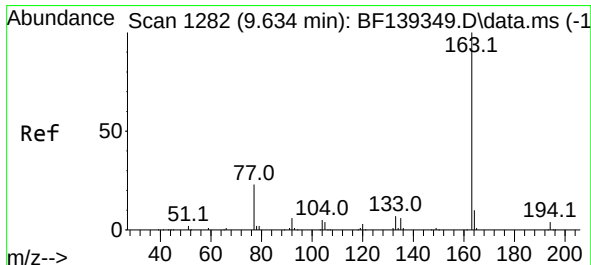
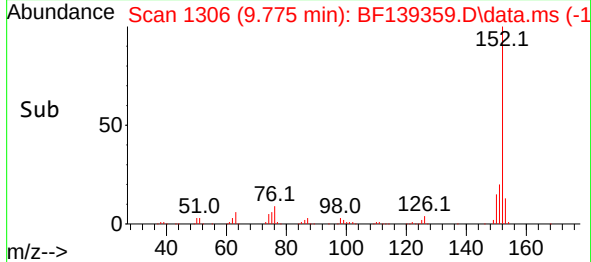
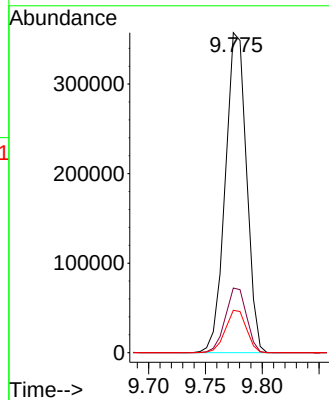
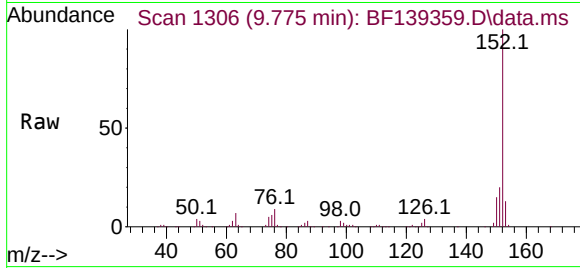
Tgt Ion:152 Resp: 464158

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.3 15.5



#50

Dimethylphthalate

Concen: 45.665 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

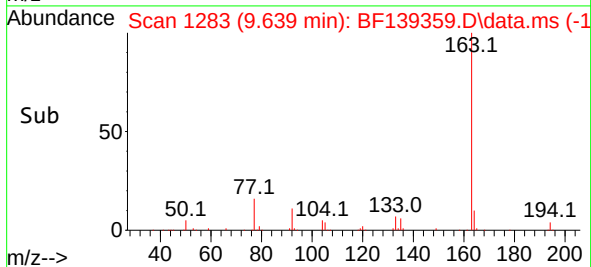
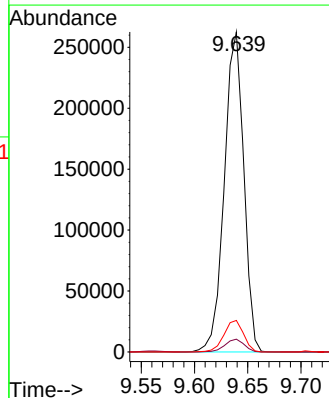
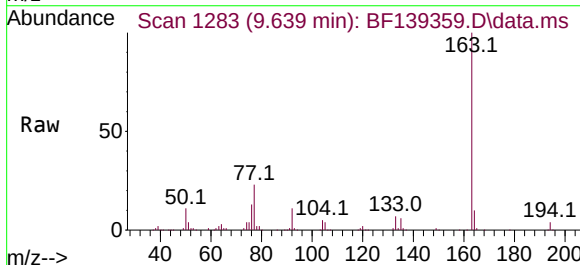
Tgt Ion:163 Resp: 332816

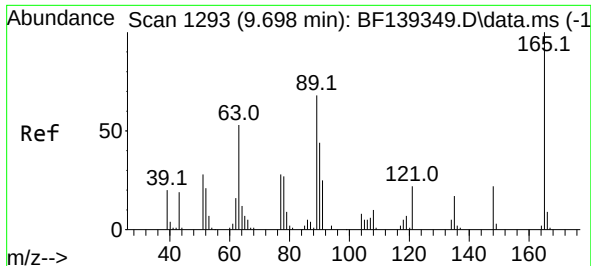
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.2 12.2

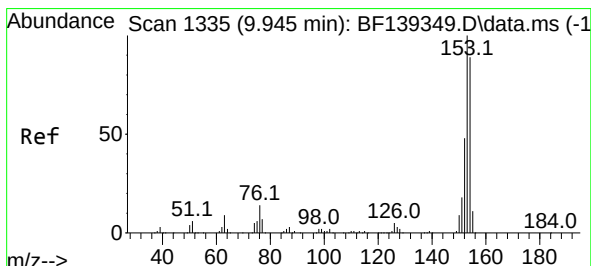
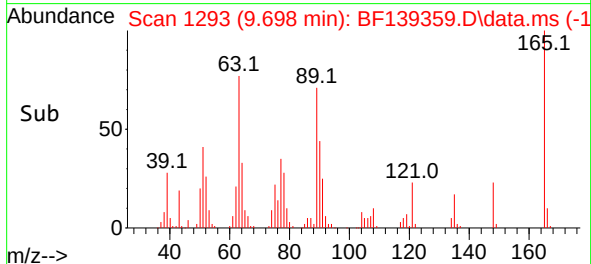
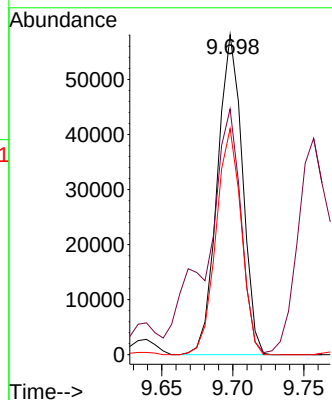
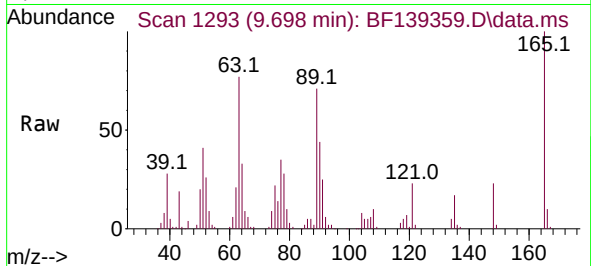




#51
2,6-Dinitrotoluene
Concen: 44.052 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

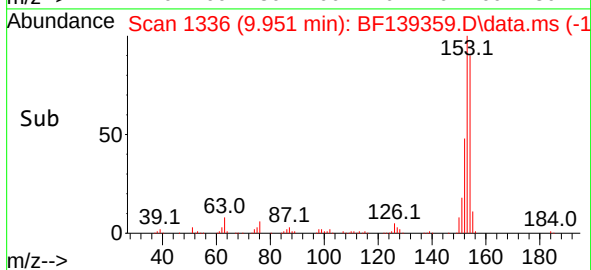
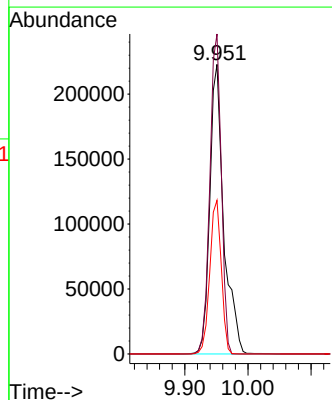
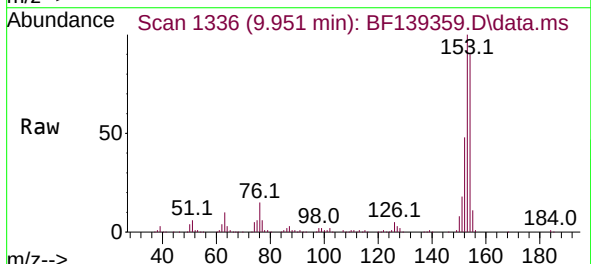
Instrument :
BNA_F
ClientSampleId :
PB163293BS

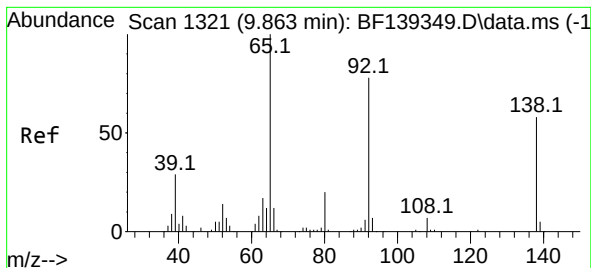
Tgt Ion:165 Resp: 71125
Ion Ratio Lower Upper
165 100
63 76.8 60.9 91.3
89 70.7 54.7 82.1



#52
Acenaphthene
Concen: 51.124 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:154 Resp: 343068
Ion Ratio Lower Upper
154 100
153 110.5 89.5 134.3
152 53.0 42.6 64.0





#53

3-Nitroaniline

Concen: 35.531 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

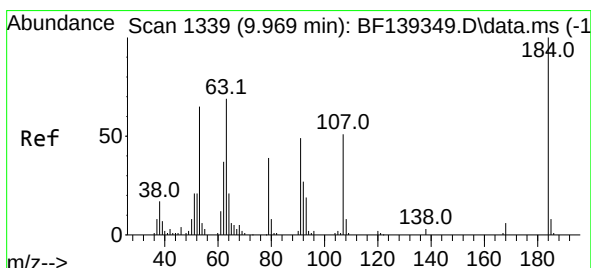
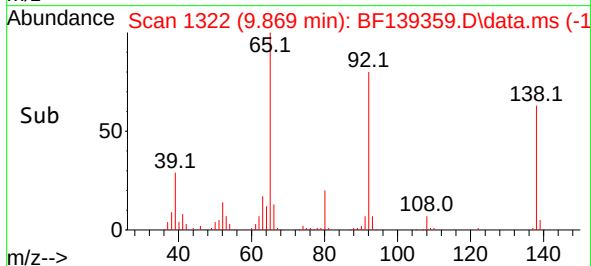
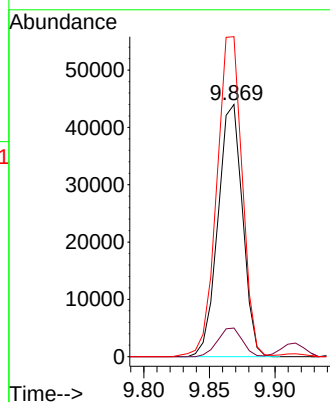
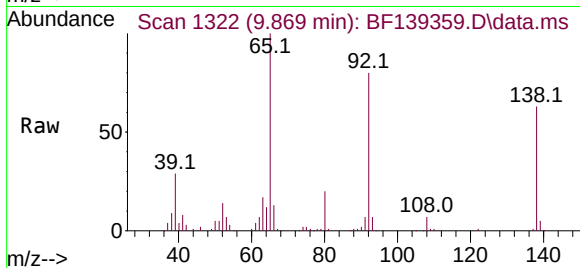
Tgt Ion:138 Resp: 57331

Ion Ratio Lower Upper

138 100

108 11.4 9.8 14.8

92 126.9 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 92.507 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

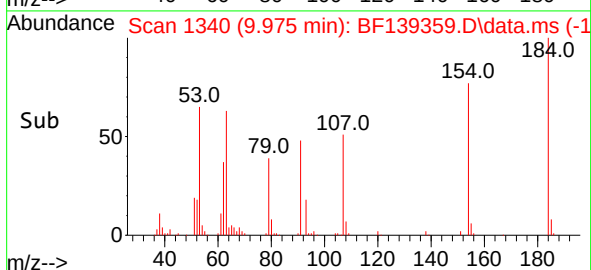
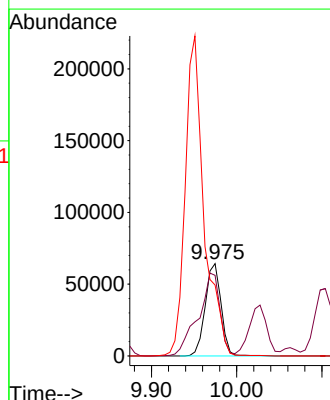
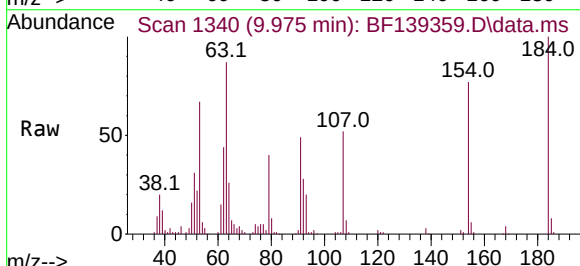
Tgt Ion:184 Resp: 83225

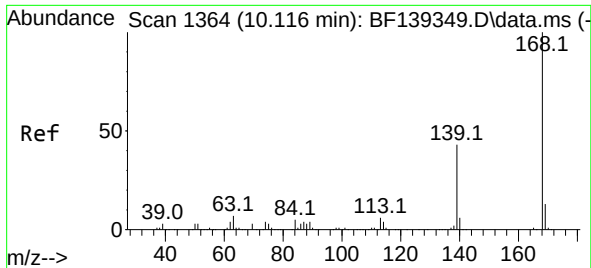
Ion Ratio Lower Upper

184 100

63 87.3 69.3 103.9

154 76.9 67.5 101.3

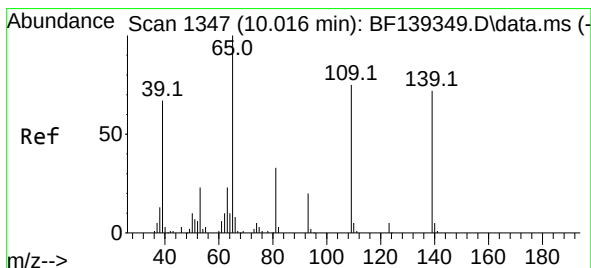
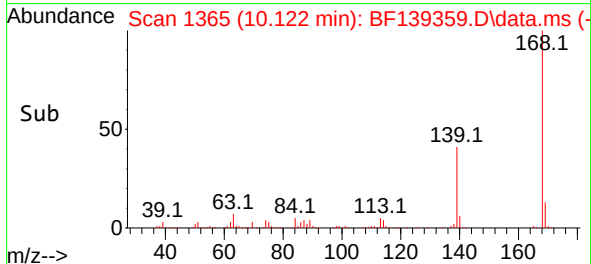
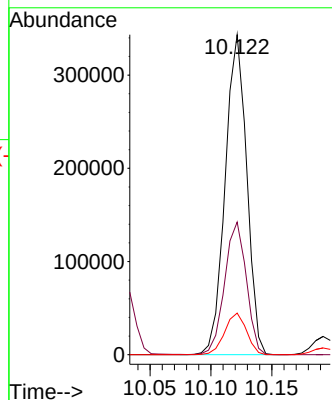
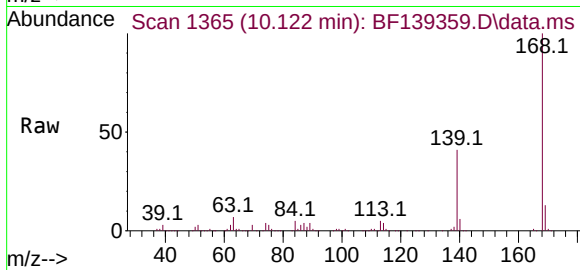




#55
Dibenzofuran
Concen: 45.145 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

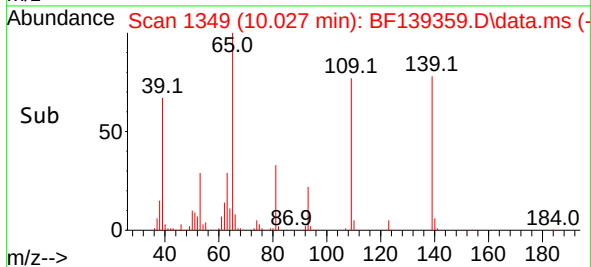
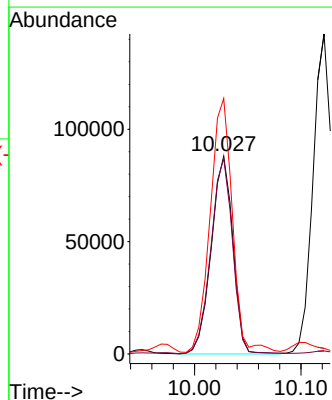
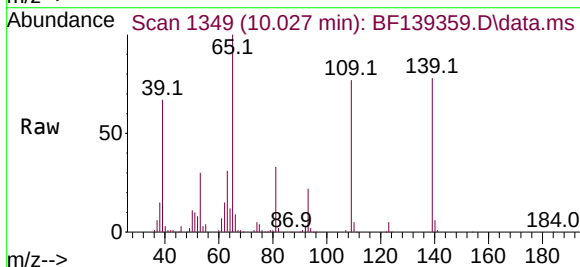
Instrument :
BNA_F
ClientSampleId :
PB163293BS

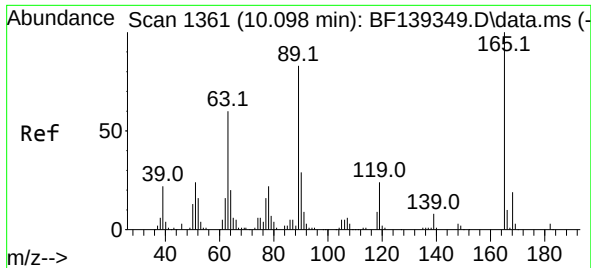
Tgt Ion:168 Resp: 422249
Ion Ratio Lower Upper
168 100
139 41.5 34.1 51.1
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 93.011 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:139 Resp: 124183
Ion Ratio Lower Upper
139 100
109 98.7 84.1 124.1
65 129.0 120.0 160.0

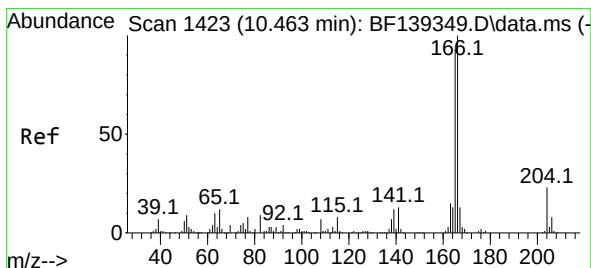
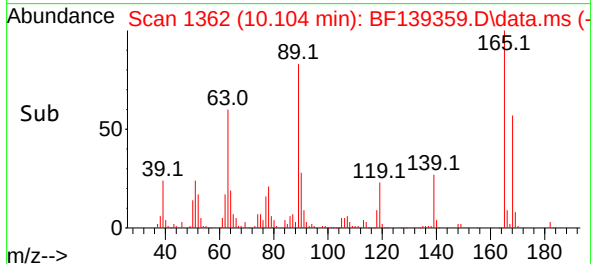
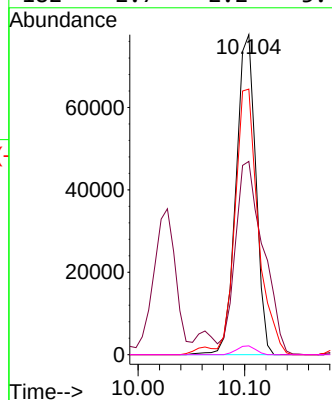
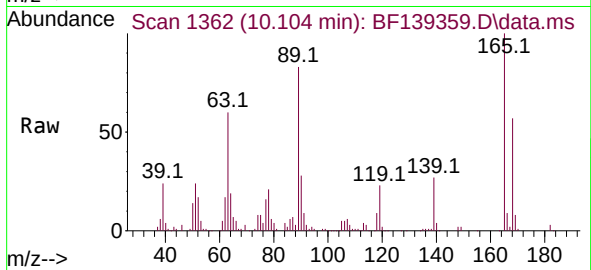




#57
2,4-Dinitrotoluene
Concen: 45.978 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

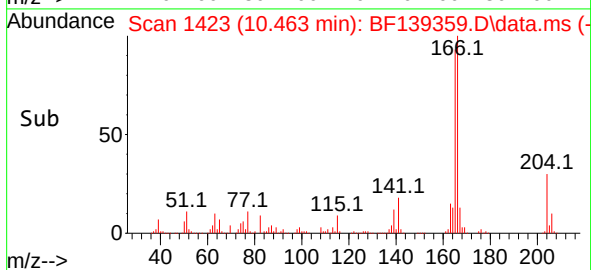
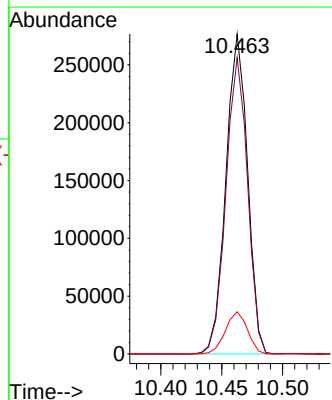
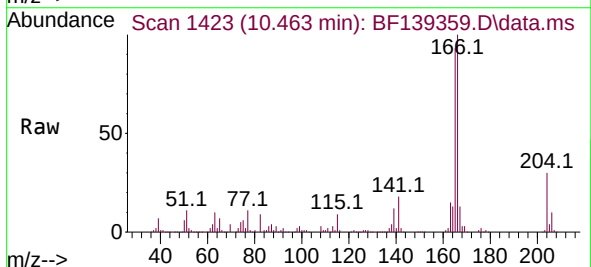
Instrument :
BNA_F
ClientSampleId :
PB163293BS

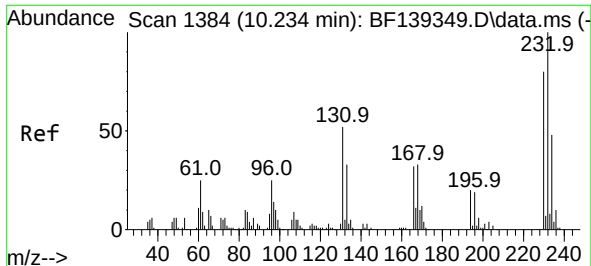
Tgt Ion:165 Resp: 100222
Ion Ratio Lower Upper
165 100
63 60.4 47.8 71.6
89 83.0 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 44.898 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:166 Resp: 342638
Ion Ratio Lower Upper
166 100
165 92.6 74.5 111.7
167 13.2 10.6 16.0

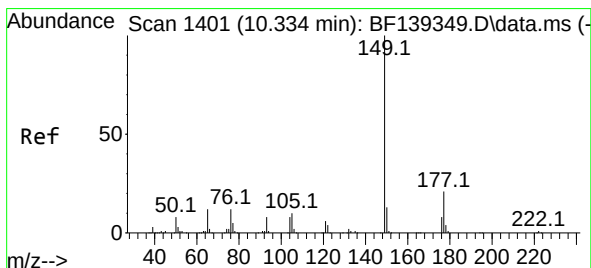
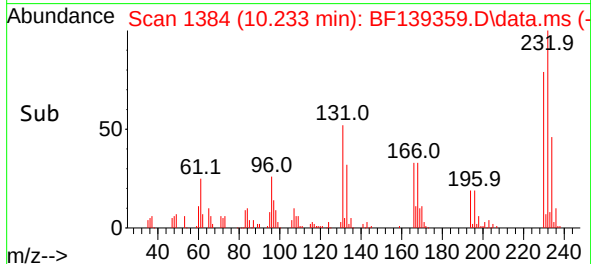
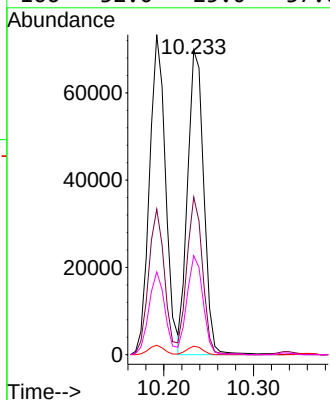
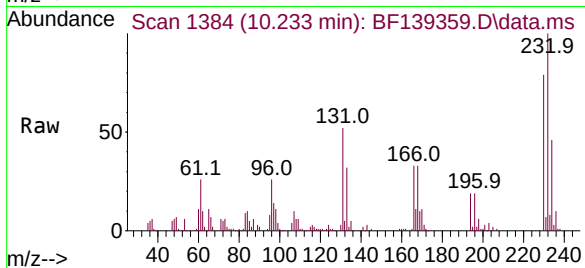




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.813 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

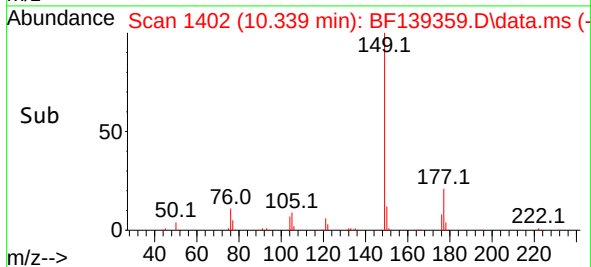
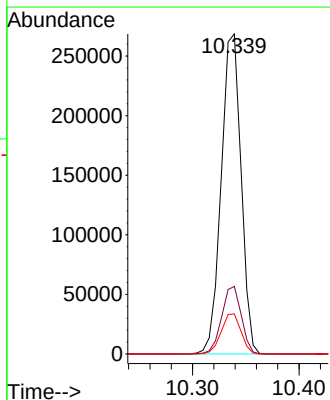
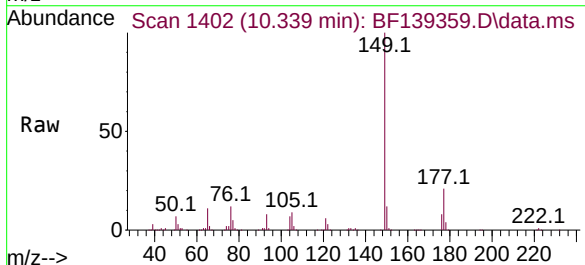
Instrument :
BNA_F
ClientSampleId :
PB163293BS

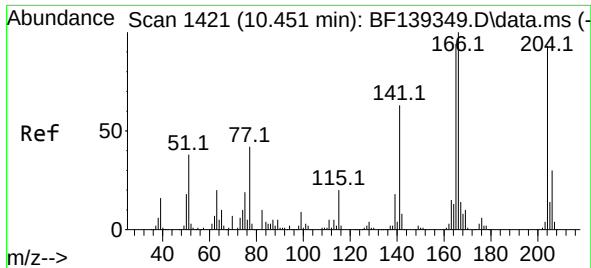
Tgt Ion:232 Resp: 87459
Ion Ratio Lower Upper
232 100
131 49.7 40.7 61.1
130 2.7 2.2 3.2
166 32.0 25.0 37.6



#60
Diethylphthalate
Concen: 46.225 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:149 Resp: 347661
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.5 10.6 15.8

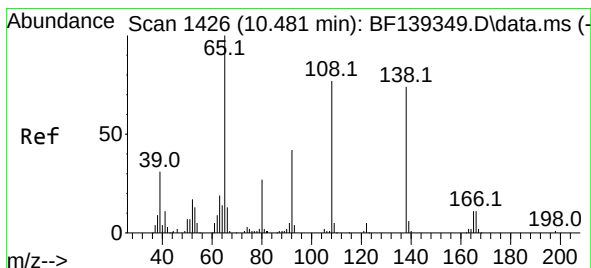
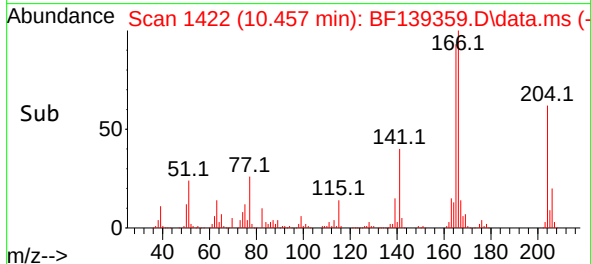
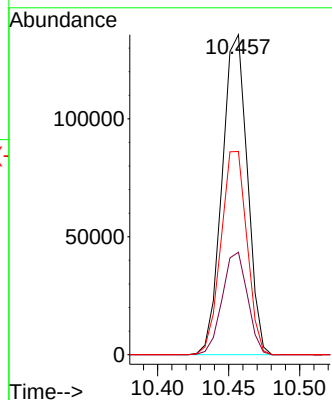
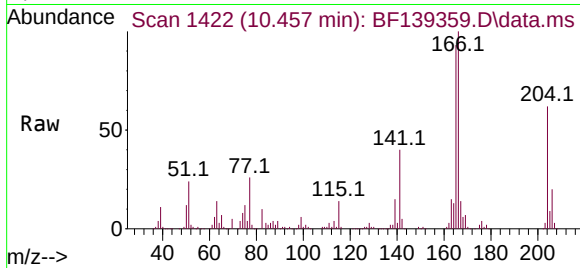




#61
4-Chlorophenyl-phenylether
Concen: 45.226 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

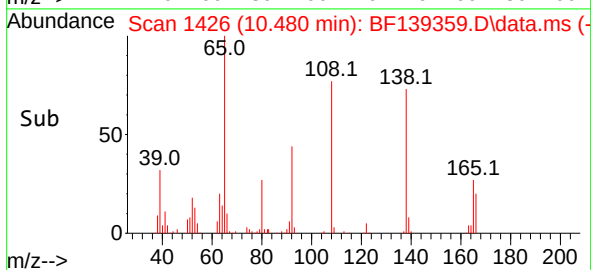
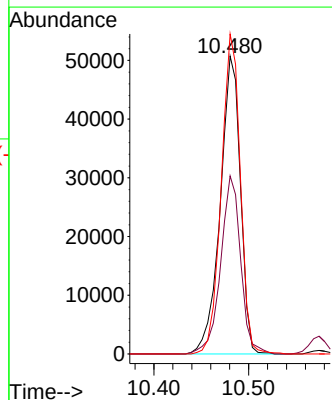
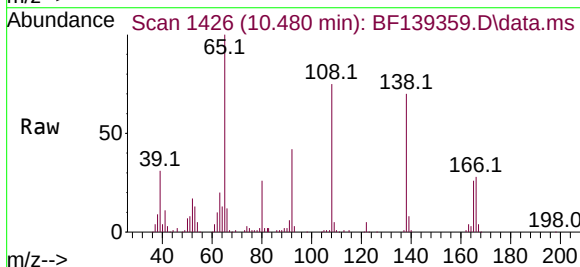
Instrument :
BNA_F
ClientSampleId :
PB163293BS

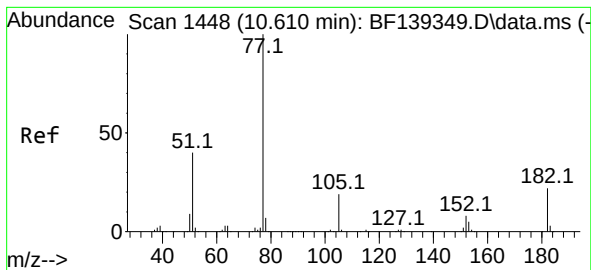
Tgt Ion:204 Resp: 167735
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 63.5 53.9 80.9



#62
4-Nitroaniline
Concen: 42.554 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:138 Resp: 74938
Ion Ratio Lower Upper
138 100
92 59.8 37.0 77.0
108 107.4 84.4 124.4





#63

Azobenzene

Concen: 45.955 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

Tgt Ion: 77 Resp: 339949

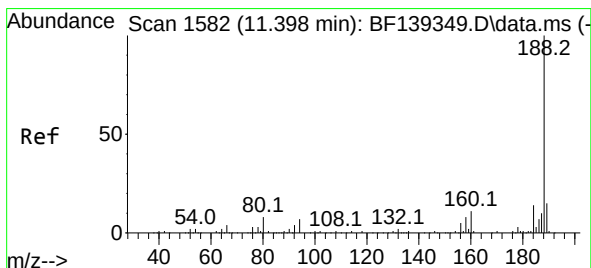
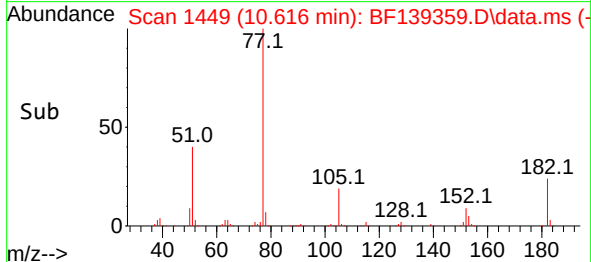
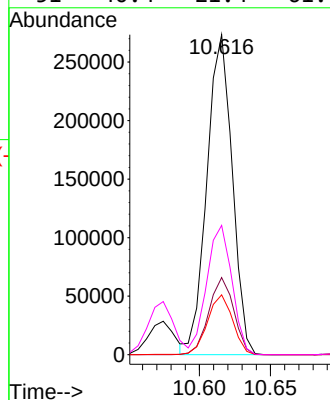
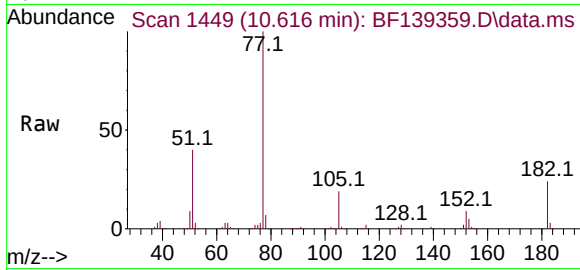
Ion Ratio Lower Upper

77 100

182 24.1 1.8 41.8

105 18.7 0.0 38.6

51 40.4 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

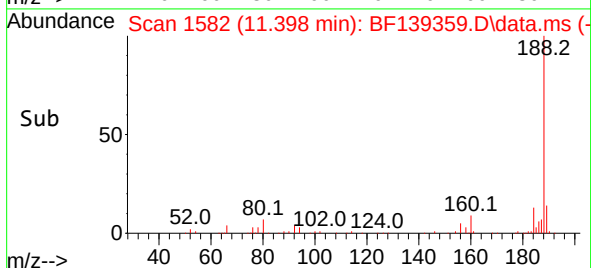
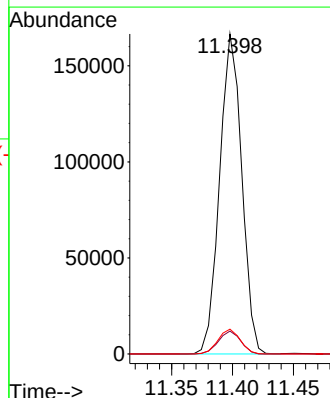
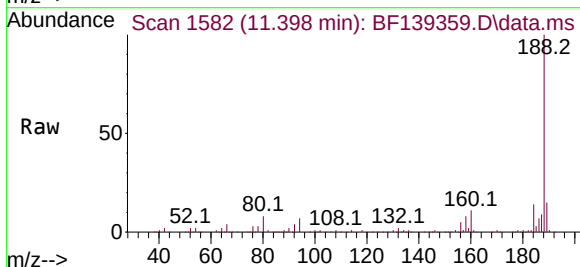
Tgt Ion:188 Resp: 210891

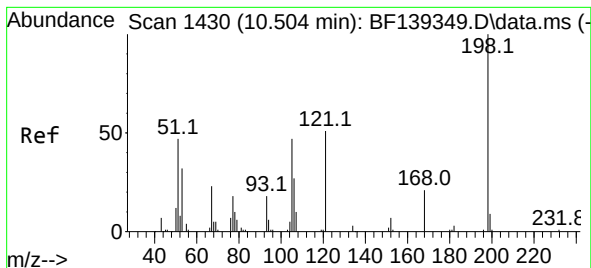
Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 7.7 6.6 9.8

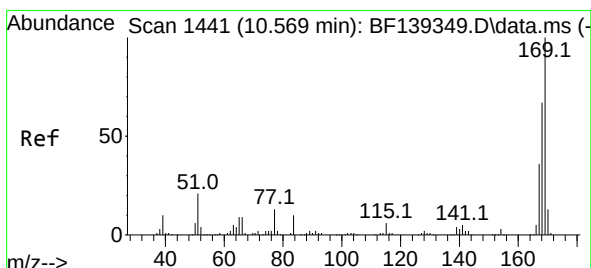
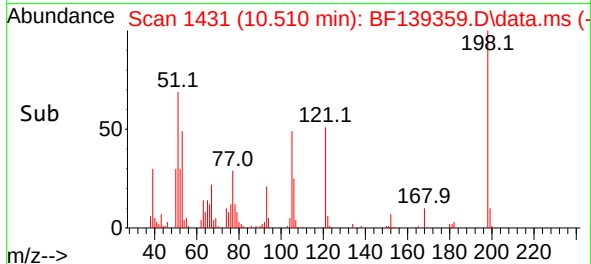
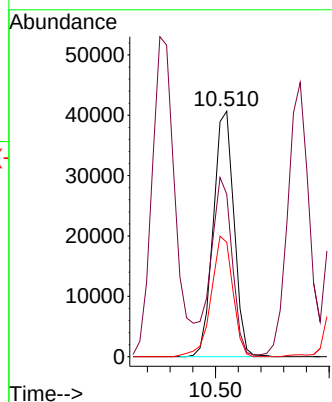
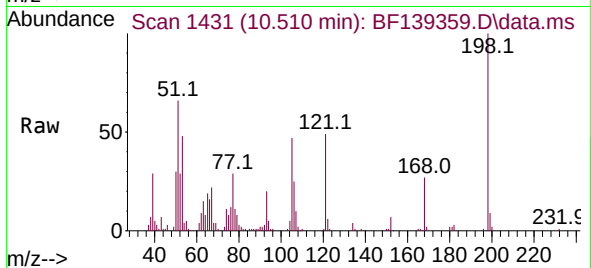




#65
4,6-Dinitro-2-methylphenol
Concen: 46.119 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

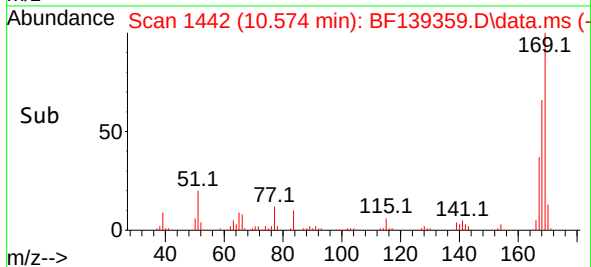
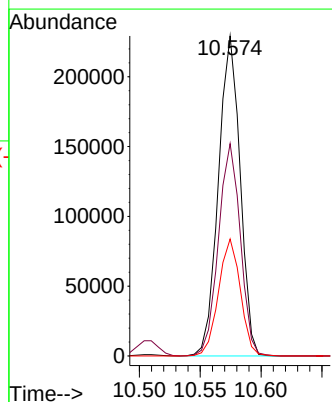
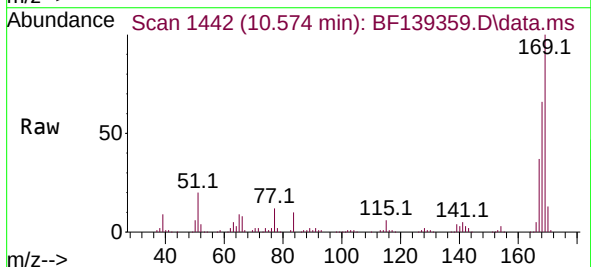
Instrument :
BNA_F
ClientSampleId :
PB163293BS

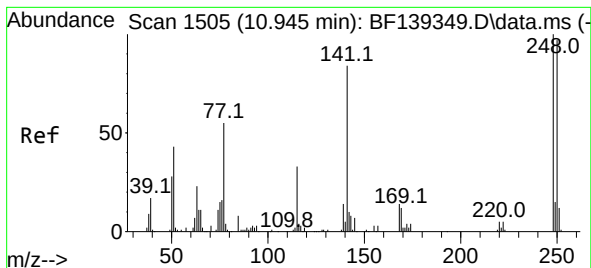
Tgt Ion:198 Resp: 51333
Ion Ratio Lower Upper
198 100
51 66.1 50.4 90.4
105 46.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 46.121 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:169 Resp: 284367
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.5 28.7 43.1

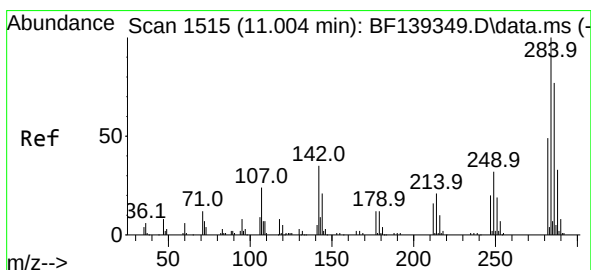
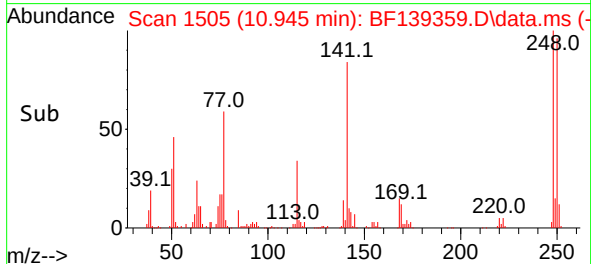
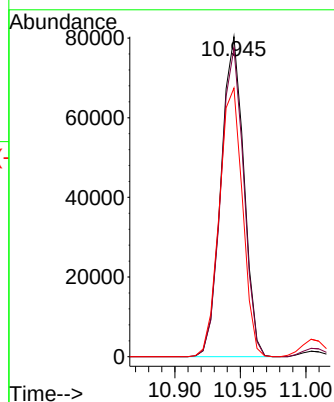
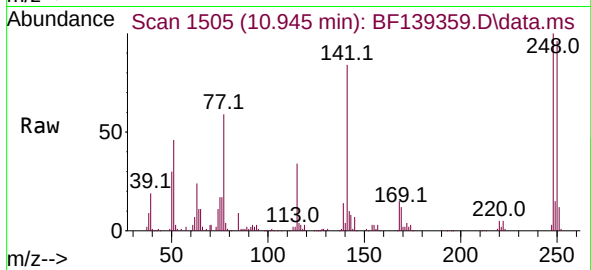




#67
4-Bromophenyl-phenylether
Concen: 46.484 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

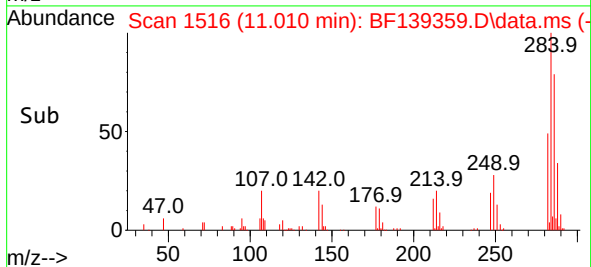
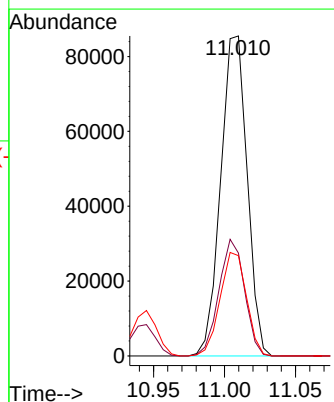
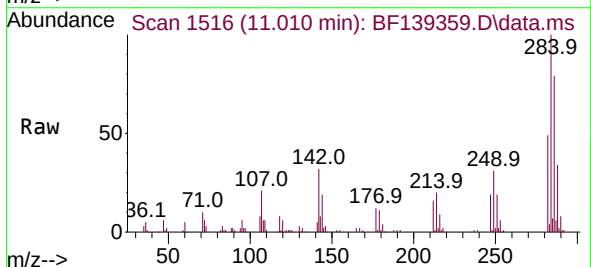
Instrument :
BNA_F
ClientSampleId :
PB163293BS

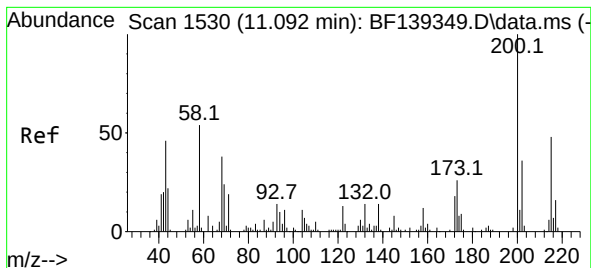
Tgt Ion:248 Resp: 97146
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 84.0 66.9 100.3



#68
Hexachlorobenzene
Concen: 45.238 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:284 Resp: 110956
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 31.4 25.3 37.9





#69

Atrazine

Concen: 65.258 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

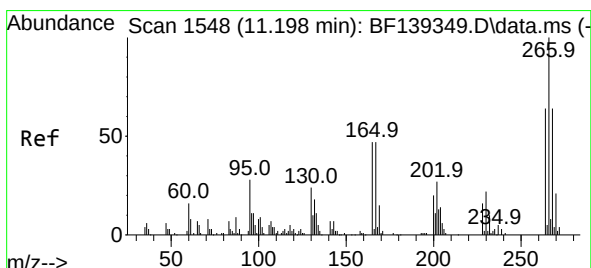
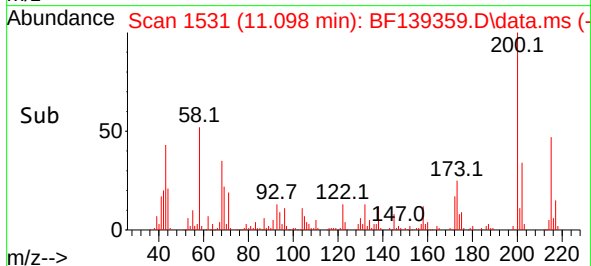
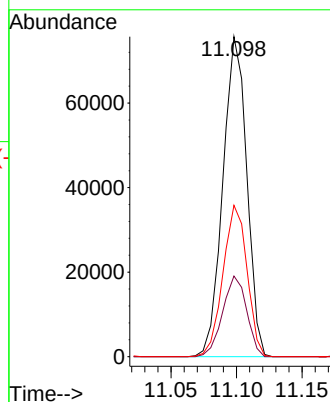
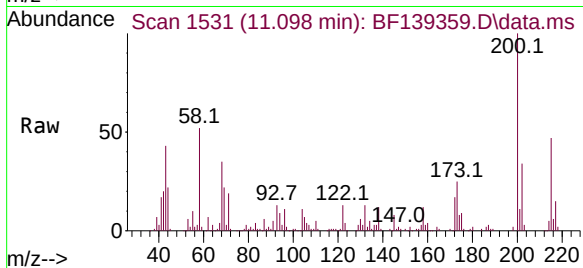
Tgt Ion:200 Resp: 95790

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

215 47.3 28.2 68.2



#70

Pentachlorophenol

Concen: 90.305 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

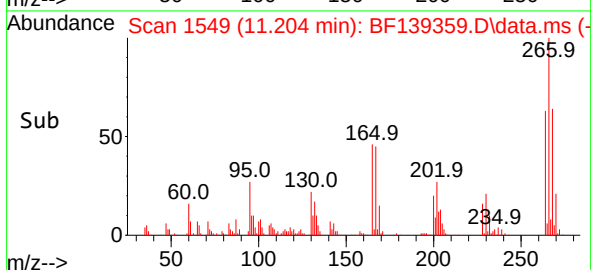
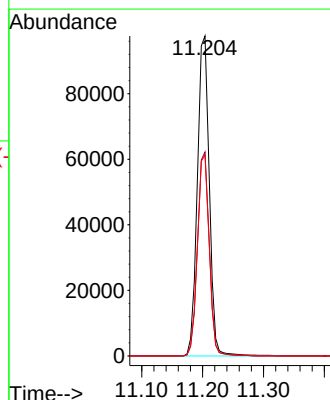
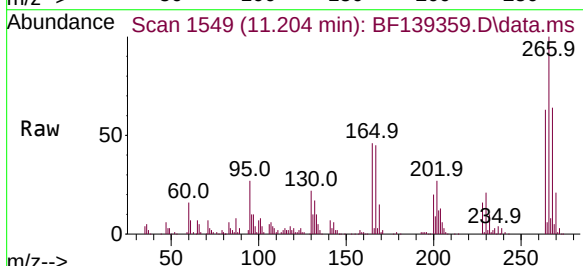
Tgt Ion:266 Resp: 132905

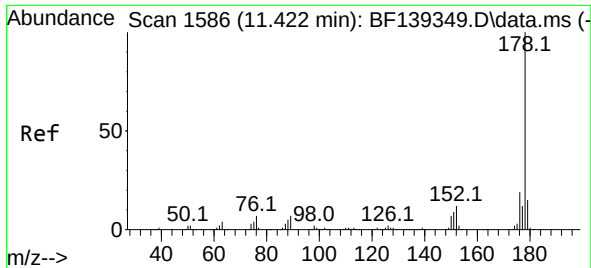
Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

264 62.8 51.4 77.0

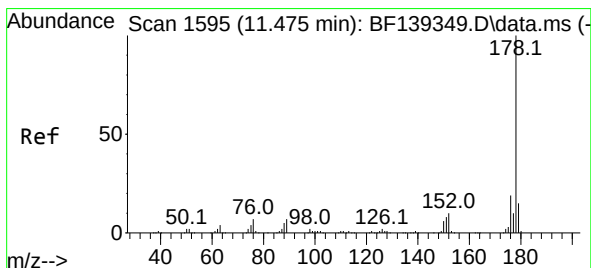
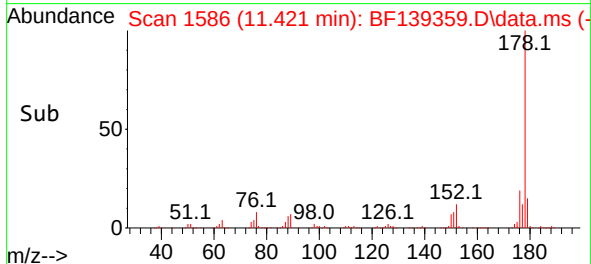
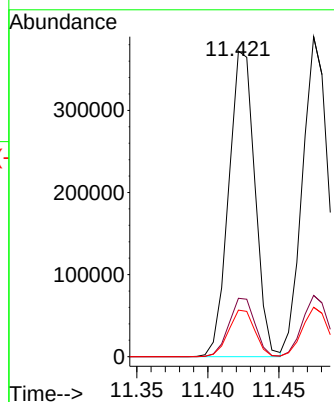
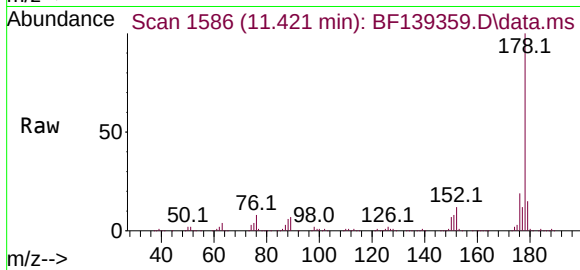




#71
Phenanthrene
Concen: 46.949 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

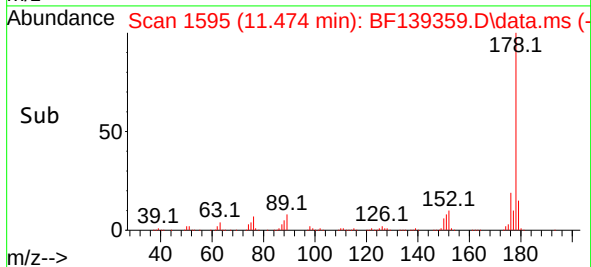
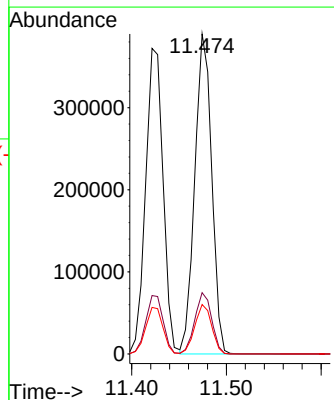
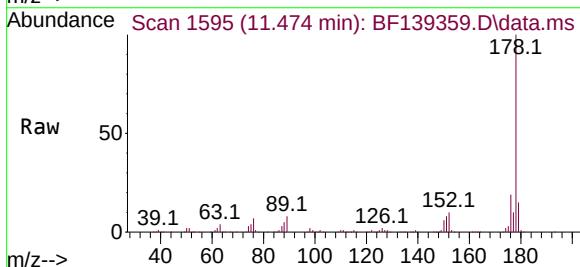
Instrument :
BNA_F
ClientSampleId :
PB163293BS

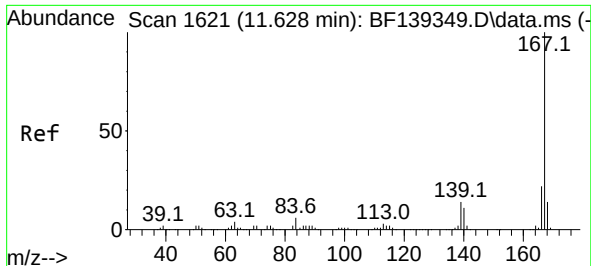
Tgt Ion:178 Resp: 477692
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 48.752 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

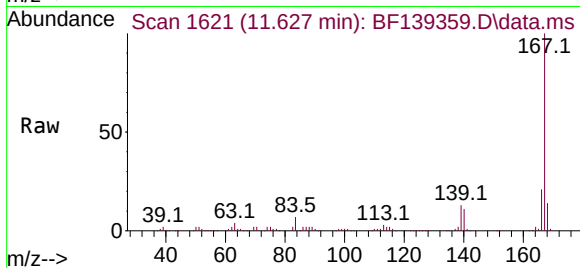
Tgt Ion:178 Resp: 484979
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.5 12.0 18.0



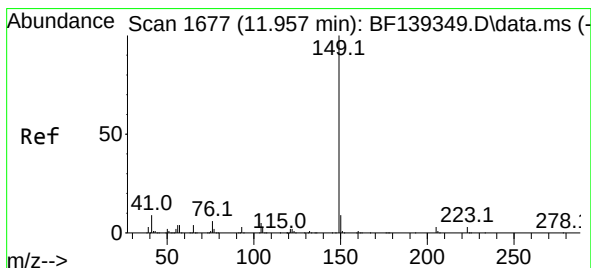
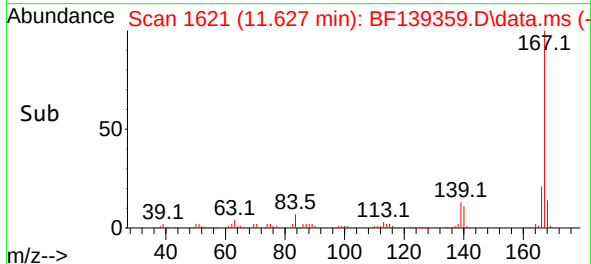
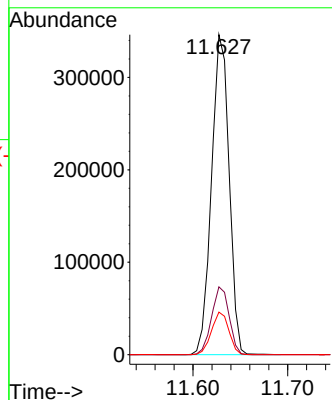


#73
 Carbazole
 Concen: 46.824 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB163293BS

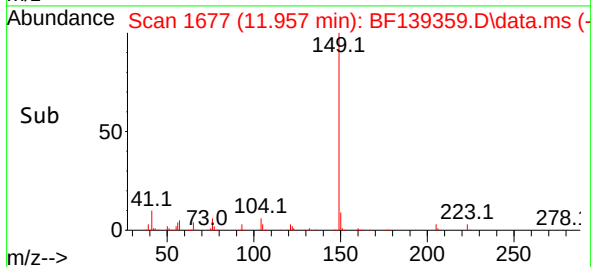
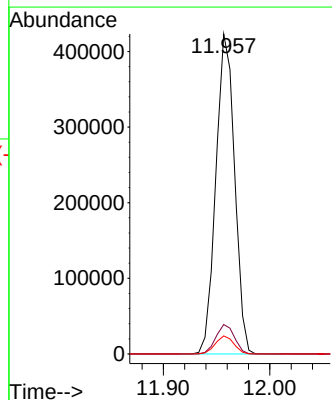
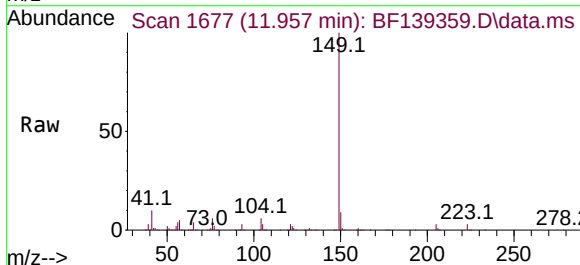


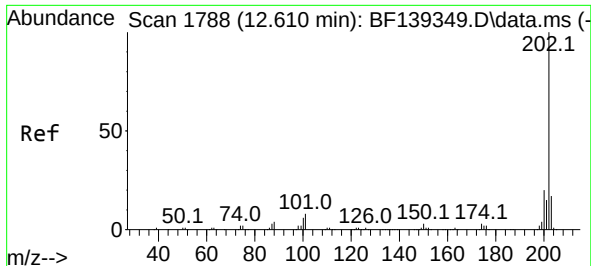
Tgt Ion:167 Resp: 445814
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 48.744 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139359.D
 Acq: 14 Sep 2024 10:26

Tgt Ion:149 Resp: 516993
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.7 4.3 6.5

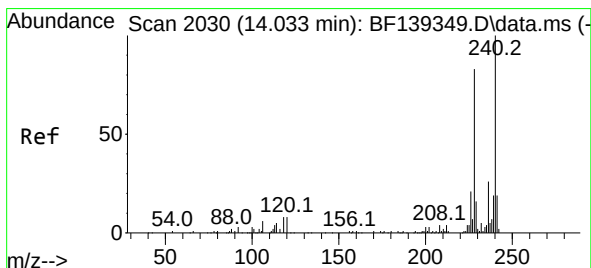
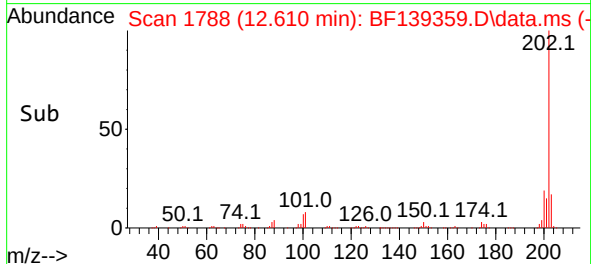
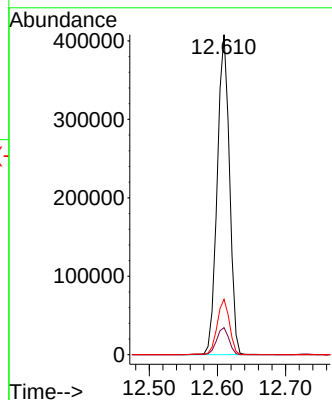
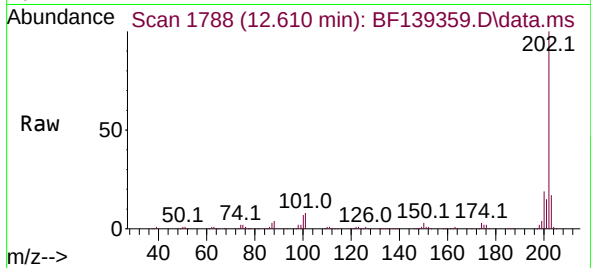




#75
Fluoranthene
Concen: 46.936 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

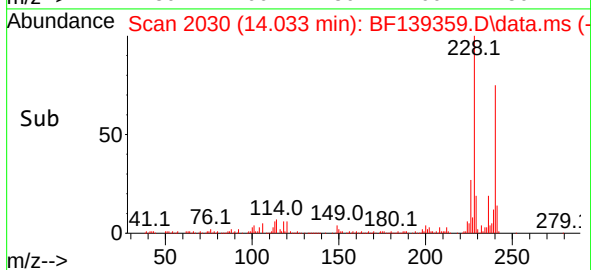
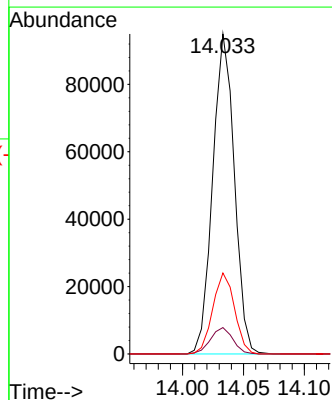
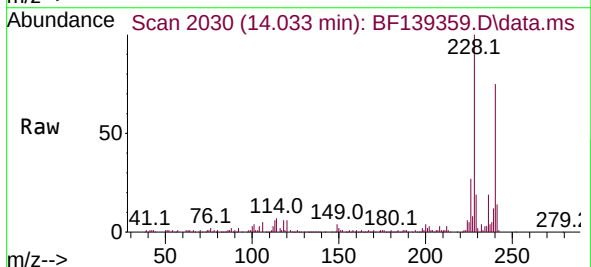
Instrument :
BNA_F
ClientSampleId :
PB163293BS

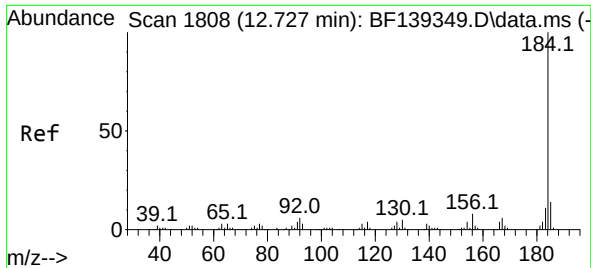
Tgt Ion:202 Resp: 509987
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.7
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:240 Resp: 117276
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.3 20.9 31.3

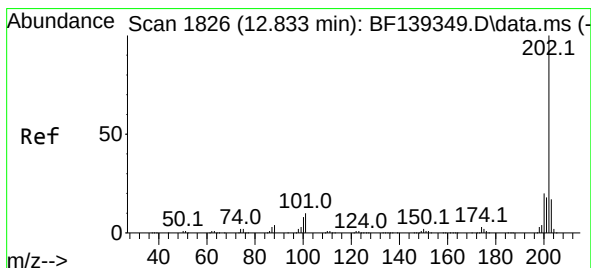
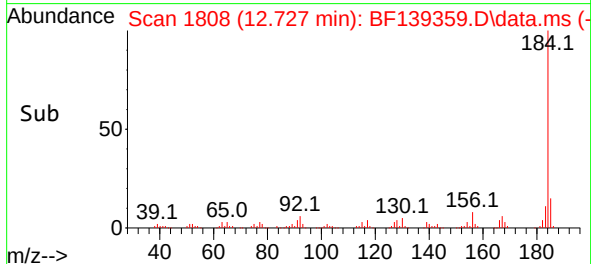
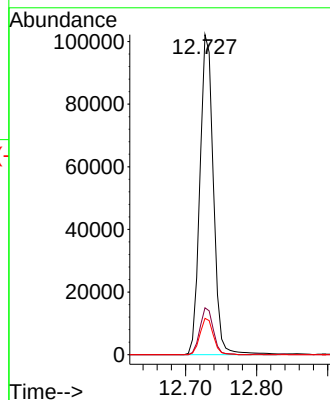
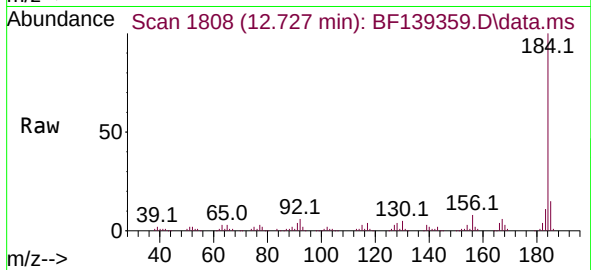




#77
Benzidine
Concen: 80.604 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

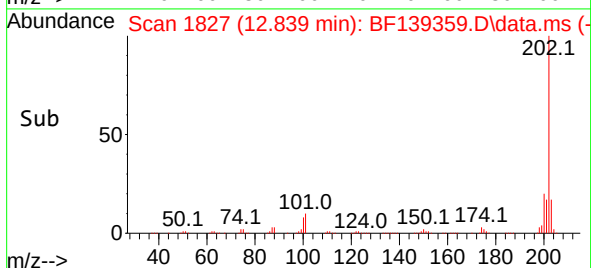
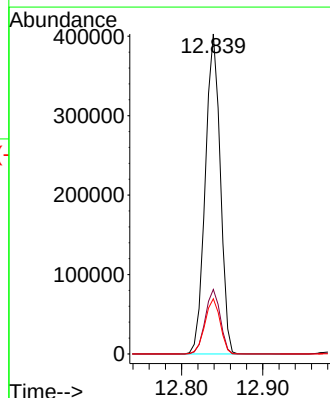
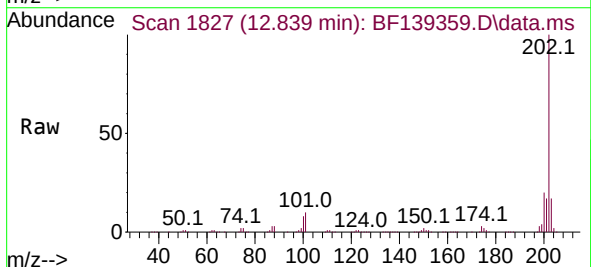
Instrument :
BNA_F
ClientSampleId :
PB163293BS

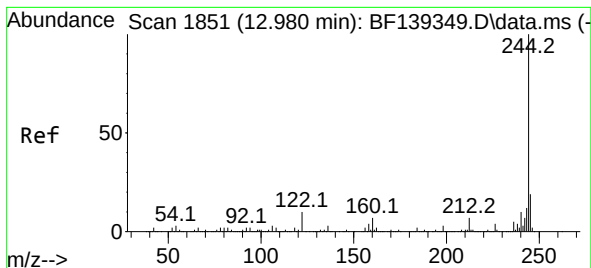
Tgt Ion:184 Resp: 135432
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.4 8.9 13.3



#78
Pyrene
Concen: 51.085 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:202 Resp: 514416
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 109.287 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139359.D

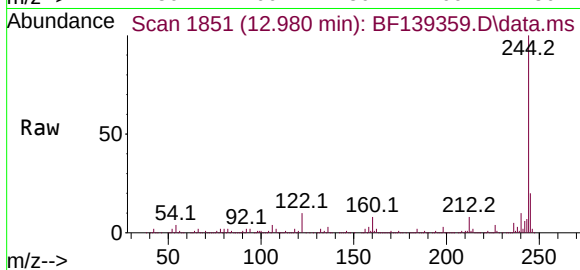
Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS



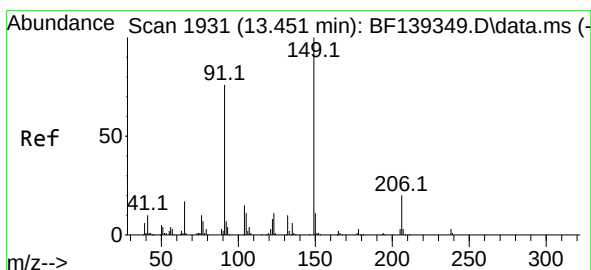
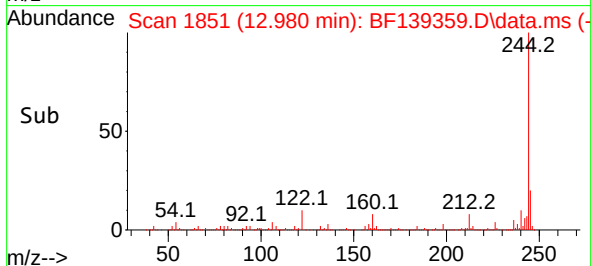
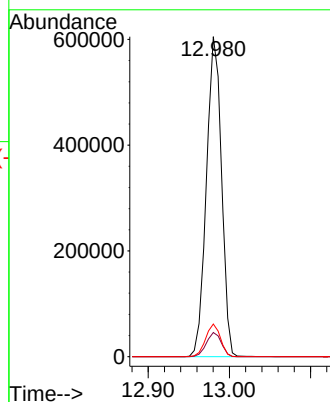
Tgt Ion:244 Resp: 780846

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 10.2 7.6 11.4



#80

Butylbenzylphthalate

Concen: 51.559 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

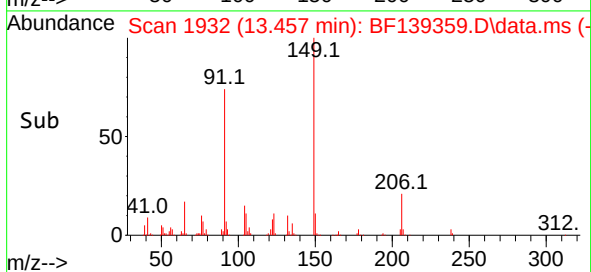
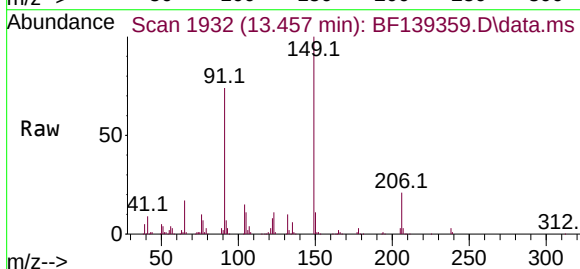
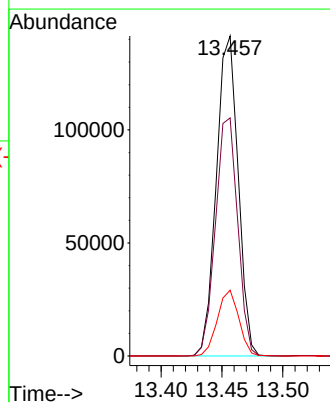
Tgt Ion:149 Resp: 176719

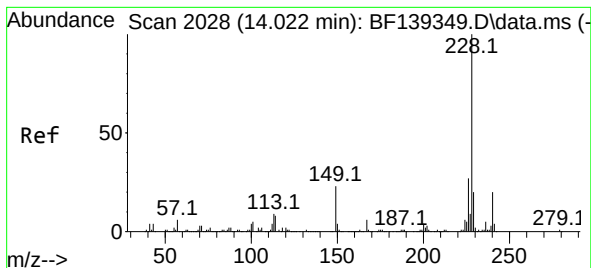
Ion Ratio Lower Upper

149 100

91 74.4 60.9 91.3

206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 46.601 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

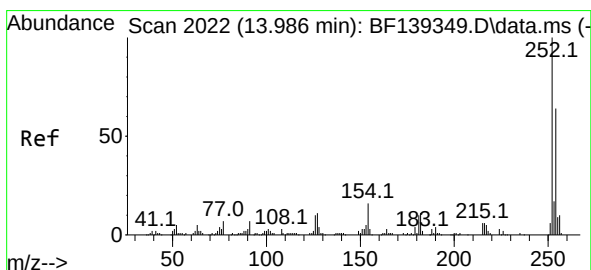
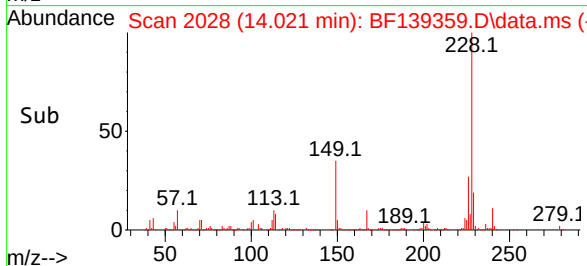
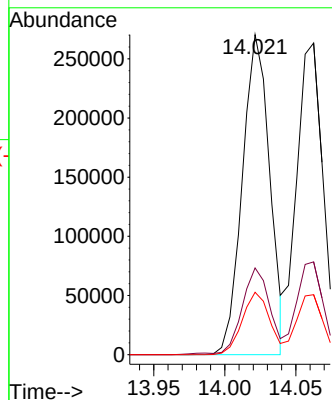
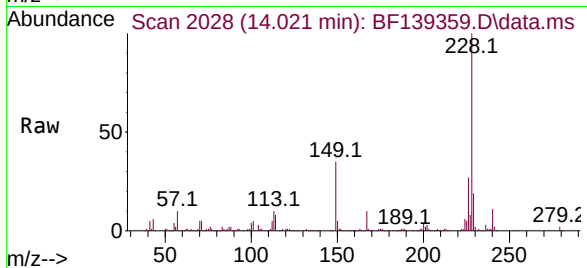
Tgt Ion:228 Resp: 362016

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.127 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

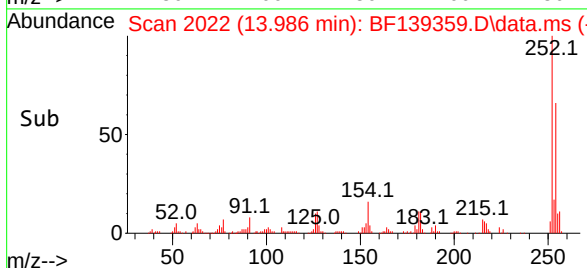
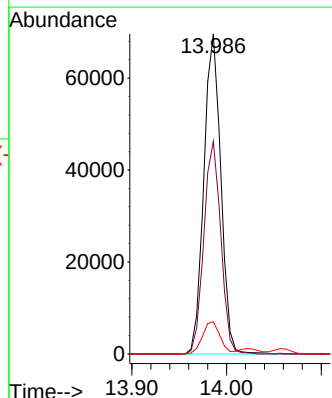
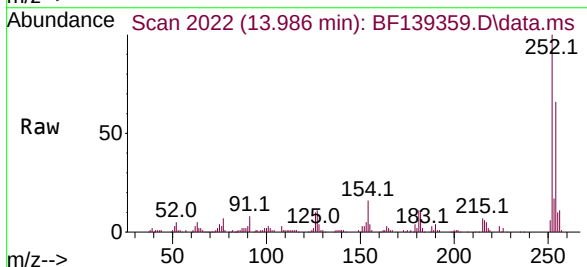
Tgt Ion:252 Resp: 86738

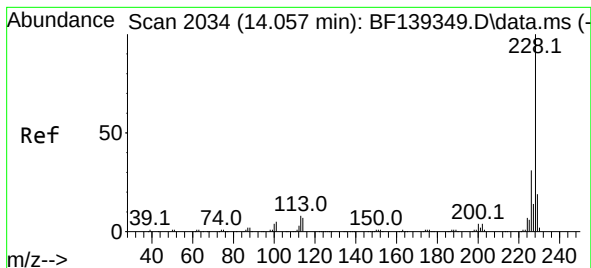
Ion Ratio Lower Upper

252 100

254 66.4 51.4 77.2

126 10.1 7.7 11.5





#83

Chrysene

Concen: 47.171 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

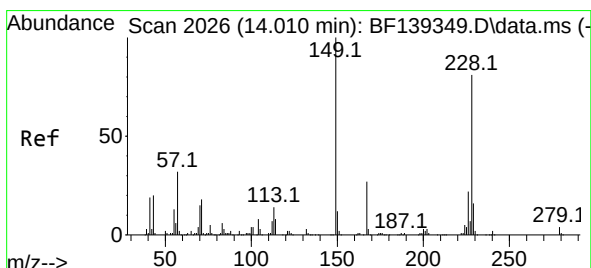
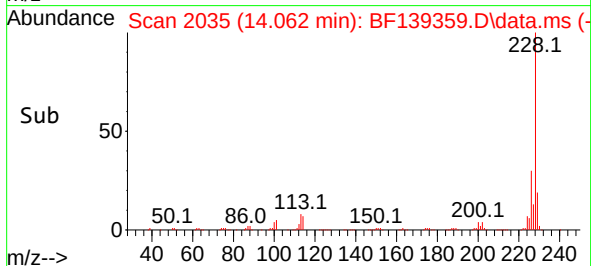
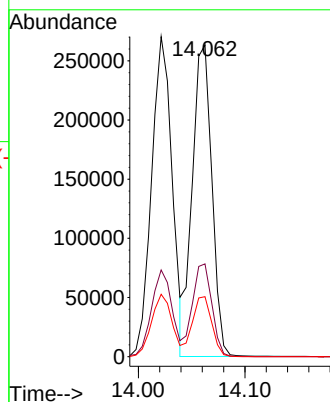
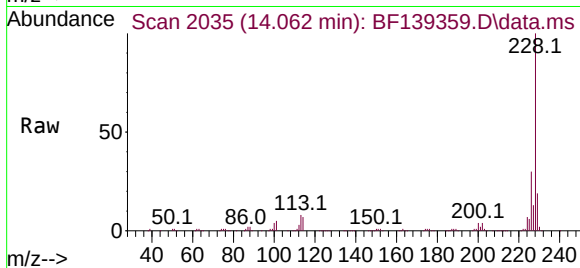
Tgt Ion:228 Resp: 337129

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.684 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

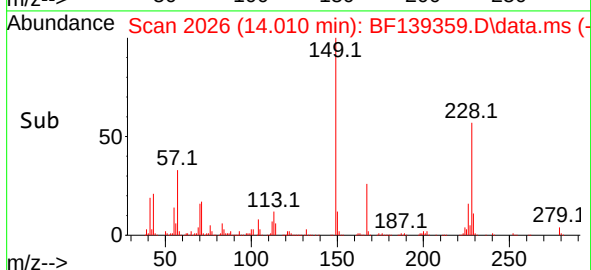
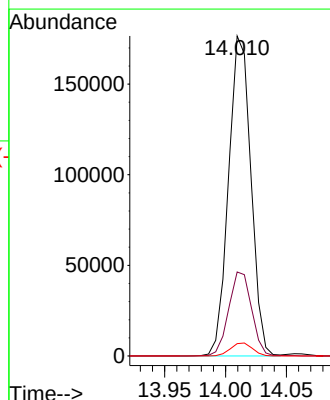
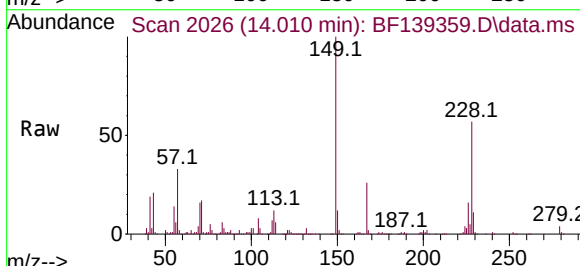
Tgt Ion:149 Resp: 225358

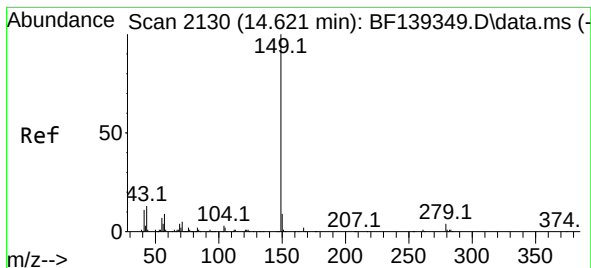
Ion Ratio Lower Upper

149 100

167 26.3 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.121 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

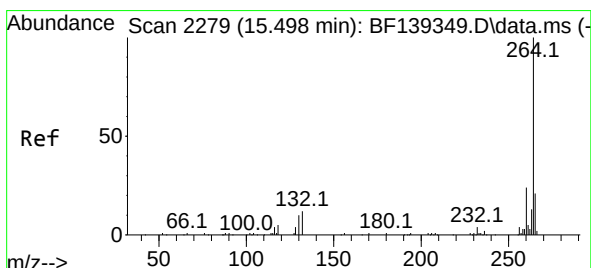
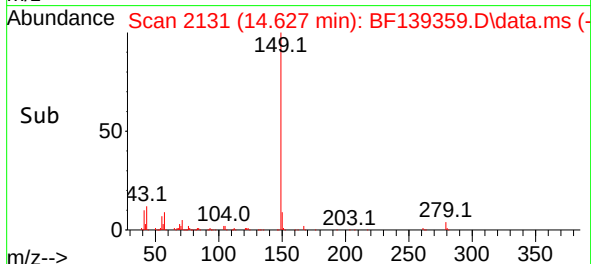
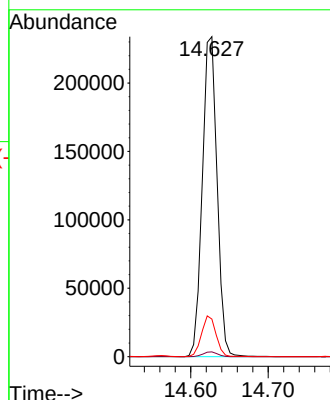
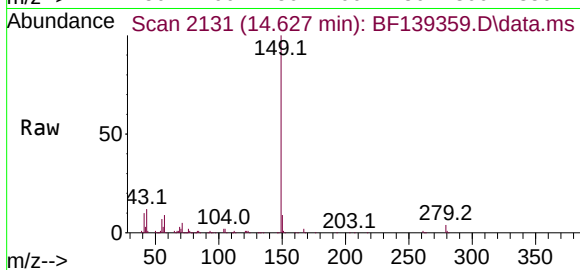
Tgt Ion:149 Resp: 309002

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.6 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: BF139359.D

Acq: 14 Sep 2024 10:26

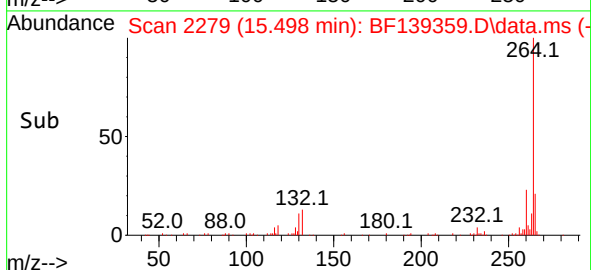
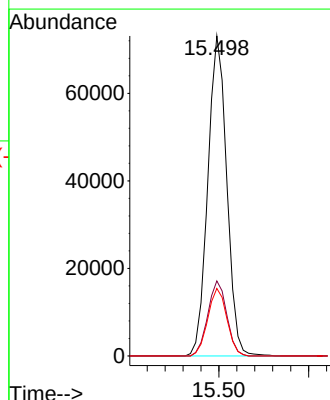
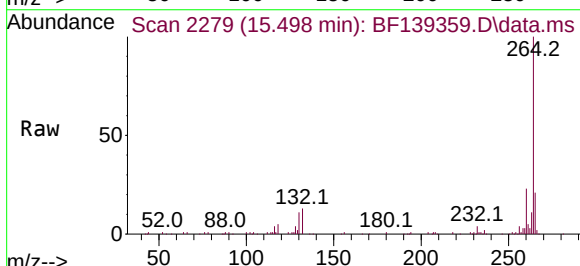
Tgt Ion:264 Resp: 107009

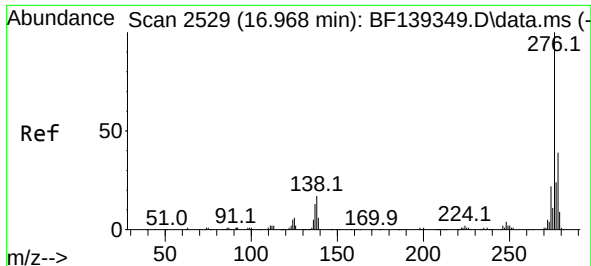
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 16.6 25.0

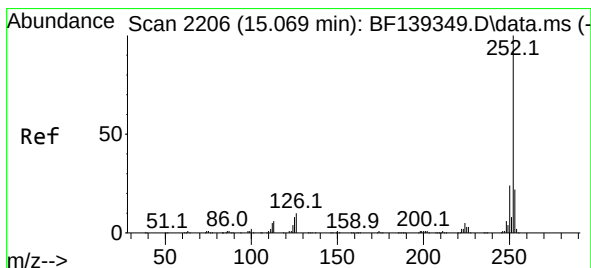
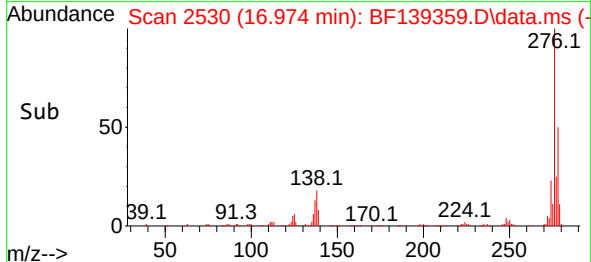
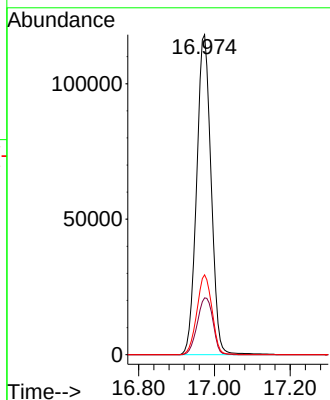
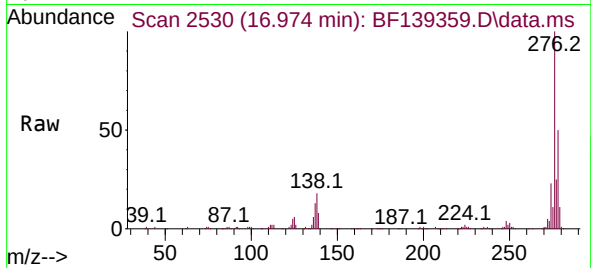




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.303 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

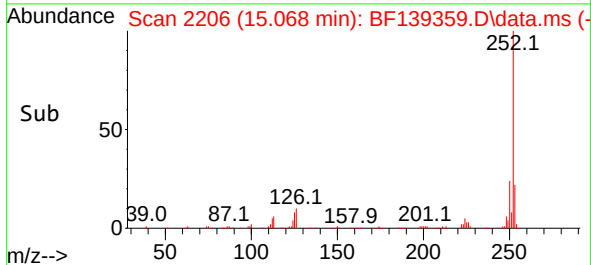
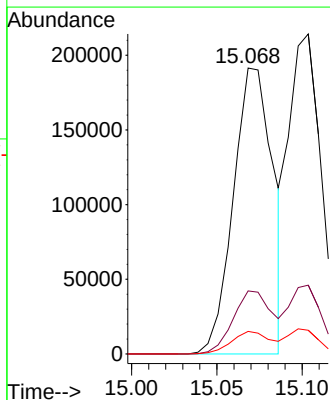
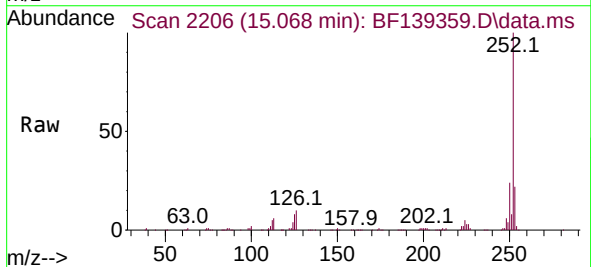
Instrument :
BNA_F
ClientSampleId :
PB163293BS

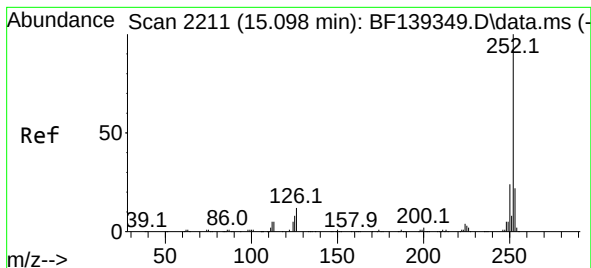
Tgt Ion:276 Resp: 313721
Ion Ratio Lower Upper
276 100
138 19.1 15.4 23.2
277 25.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 46.955 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:252 Resp: 309887
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 46.531 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

Instrument :

BNA_F

ClientSampleId :

PB163293BS

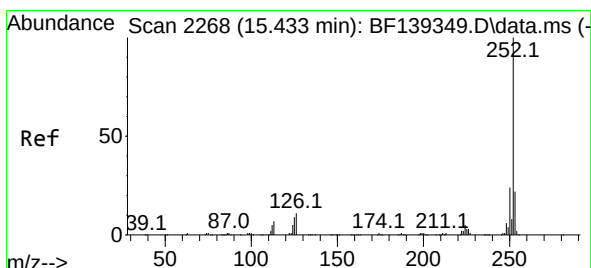
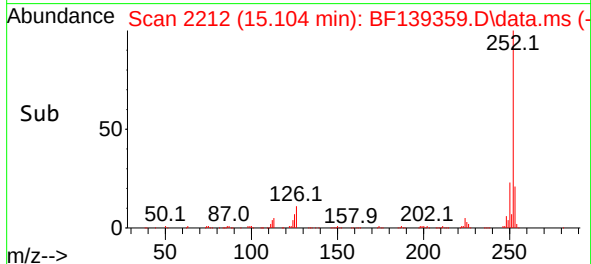
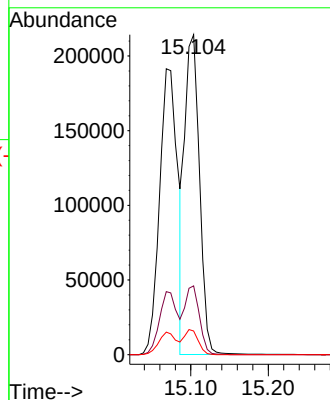
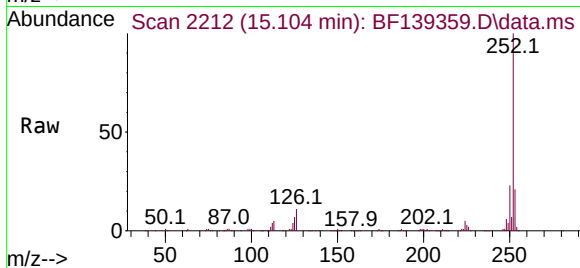
Tgt Ion:252 Resp: 283141

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 51.023 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139359.D

Acq: 14 Sep 2024 10:26

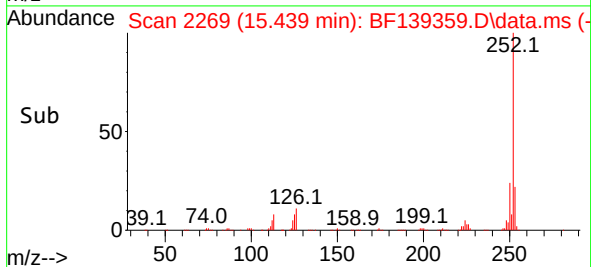
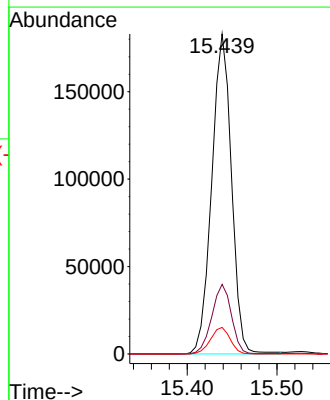
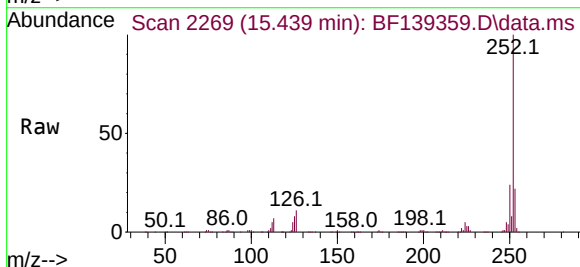
Tgt Ion:252 Resp: 279267

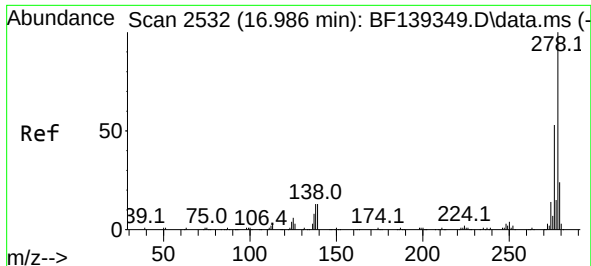
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.3 6.8 10.2

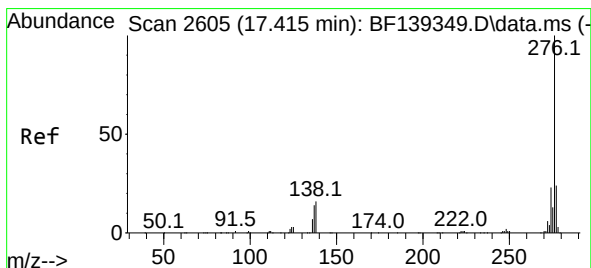
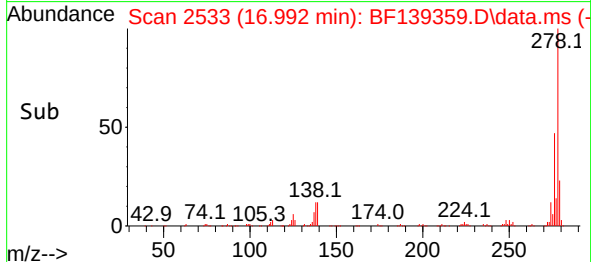
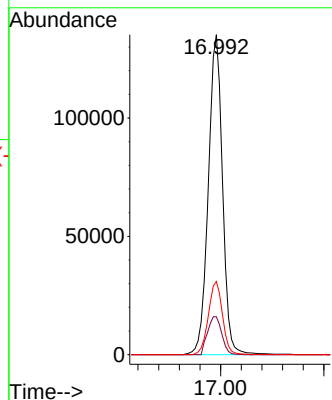
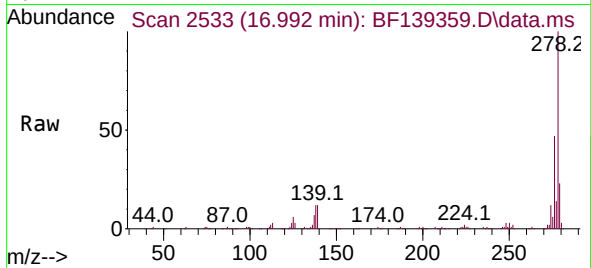




#91
Dibenzo(a,h)anthracene
Concen: 49.097 ng
RT: 16.992 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Instrument :
BNA_F
ClientSampleId :
PB163293BS

Tgt Ion:278 Resp: 258152
Ion Ratio Lower Upper
278 100
139 11.8 10.2 15.2
279 22.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.614 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF139359.D
Acq: 14 Sep 2024 10:26

Tgt Ion:276 Resp: 227058
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 16.5 13.0 19.6

