

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139561.D
 Acq On : 26 Sep 2024 22:21
 Operator : RC/JU
 Sample : P4190-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TMSD

Quant Time: Sep 27 01:09:59 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	63565	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	235838	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	128778	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	255931	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	131459	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	139714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	352129	90.371	ng	0.00
7) Phenol-d6	6.510	99	482389	94.320	ng	0.00
23) Nitrobenzene-d5	7.440	82	299007	59.603	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	124549	90.846	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	562981	61.314	ng	0.00
79) Terphenyl-d14	12.980	244	603902	75.403	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	91031	58.231	ng	95
3) Pyridine	3.469	79	232481	67.451	ng	96
4) n-Nitrosodimethylamine	3.428	42	156086	52.248	ng	# 77
6) Aniline	6.540	93	285832	74.057	ng	94
8) 2-Chlorophenol	6.663	128	236850	59.051	ng	99
9) Benzaldehyde	6.428	77	38819	13.137	ng	95
10) Phenol	6.522	94	322445	61.902	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	228209	57.642	ng	100
12) 1,3-Dichlorobenzene	6.816	146	249127	54.615	ng	99
13) 1,4-Dichlorobenzene	6.893	146	252524	54.782	ng	99
14) 1,2-Dichlorobenzene	7.045	146	240042	55.110	ng	98
15) Benzyl Alcohol	7.016	79	228155	55.915	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	410274	67.242	ng	99
17) 2-Methylphenol	7.134	107	192553	60.424	ng	97
18) Hexachloroethane	7.387	117	93892	53.477	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	176198	58.137	ng	98
20) 3+4-Methylphenols	7.287	107	241645	55.580	ng	# 87
22) Acetophenone	7.287	105	328527	53.285	ng	97
24) Nitrobenzene	7.457	77	275087	53.279	ng	98
25) Isophorone	7.698	82	477829	60.227	ng	99
26) 2-Nitrophenol	7.775	139	127689	63.478	ng	89
27) 2,4-Dimethylphenol	7.810	122	192499	72.548	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	272495	60.264	ng	98
29) 2,4-Dichlorophenol	8.016	162	198619	58.923	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	208277	53.029	ng	99
31) Naphthalene	8.181	128	698850	56.761	ng	99
32) Benzoic acid	7.934	122	120153	48.388	ng	88
33) 4-Chloroaniline	8.228	127	142028	37.707	ng	98
34) Hexachlorobutadiene	8.292	225	129061	48.367	ng	99
35) Caprolactam	8.598	113	48950	47.207	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	219796	57.054	ng	94
37) 2-Methylnaphthalene	8.869	142	450756	57.679	ng	98
38) 1-Methylnaphthalene	8.969	142	419653	54.696	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	212784	55.753	ng	98
41) Hexachlorocyclopentadiene	9.022	237	228523	171.488	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	146964	59.187	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	152946	58.394	ng	96
46) 1,1'-Biphenyl	9.334	154	563709	56.899	ng	99
47) 2-Chloronaphthalene	9.363	162	421337	56.879	ng	99
48) 2-Nitroaniline	9.457	65	169811	61.632	ng	99
49) Acenaphthylene	9.775	152	709488	63.627	ng	99
50) Dimethylphthalate	9.639	163	498933	59.030	ng	99
51) 2,6-Dinitrotoluene	9.698	165	113550	60.643	ng	93
52) Acenaphthene	9.951	154	435325	55.937	ng	99
53) 3-Nitroaniline	9.869	138	96998	51.835	ng	91
54) 2,4-Dinitrophenol	9.981	184	125400	120.188	ng	# 86
55) Dibenzofuran	10.122	168	646862	59.634	ng	94
56) 4-Nitrophenol	10.034	139	188415	121.684	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	158929	62.869	ng	96
58) Fluorene	10.463	166	509501	57.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	133562	61.644	ng	95
60) Diethylphthalate	10.334	149	499895	57.312	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	236695	55.030	ng	95
62) 4-Nitroaniline	10.486	138	129310	63.316	ng	# 86
63) Azobenzene	10.616	77	515786	60.122	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	85646	63.406	ng	94
66) n-Nitrosodiphenylamine	10.575	169	442088	59.083	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	143122	56.432	ng	97
68) Hexachlorobenzene	11.010	284	163345	54.877	ng	99
69) Atrazine	11.104	200	140593	78.925	ng	99
70) Pentachlorophenol	11.210	266	182941	102.427	ng	98
71) Phenanthrene	11.428	178	745640	60.387	ng	100
72) Anthracene	11.480	178	764375	63.315	ng	99
73) Carbazole	11.633	167	712446	61.659	ng	99
74) Di-n-butylphthalate	11.957	149	763370	59.307	ng	99
75) Fluoranthene	12.616	202	788764	59.817	ng	98
77) Benzidine	12.733	184	283946	150.761	ng	99
78) Pyrene	12.845	202	799228	70.806	ng	100
80) Butylbenzylphthalate	13.457	149	255755	66.567	ng	98
81) Benzo(a)anthracene	14.027	228	533175	61.229	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	134626	52.793	ng	98
83) Chrysene	14.063	228	495072	61.797	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	277281	56.732	ng	98
85) Di-n-octyl phthalate	14.627	149	401952	55.842	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	564957	68.003	ng	# 96
88) Benzo(b)fluoranthene	15.080	252	530619	61.581	ng	99
89) Benzo(k)fluoranthene	15.110	252	420048	52.871	ng	# 98
90) Benzo(a)pyrene	15.451	252	466962	65.344	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	458745	66.824	ng	98
92) Benzo(g,h,i)perylene	17.445	276	415034	61.060	ng	# 96

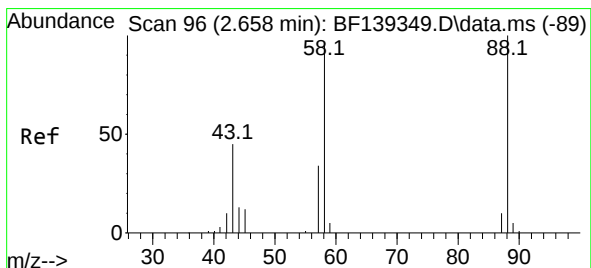
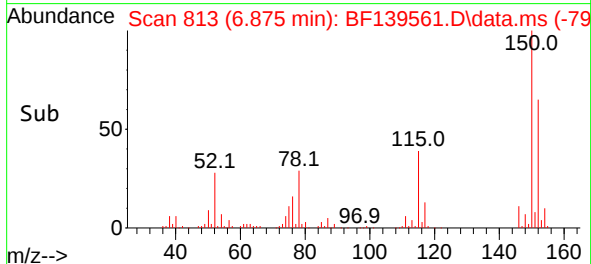
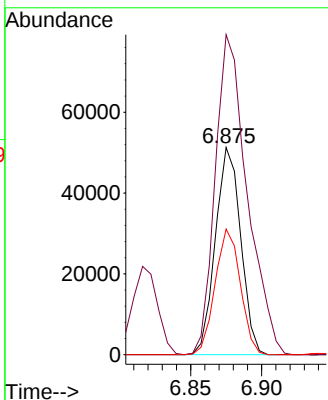
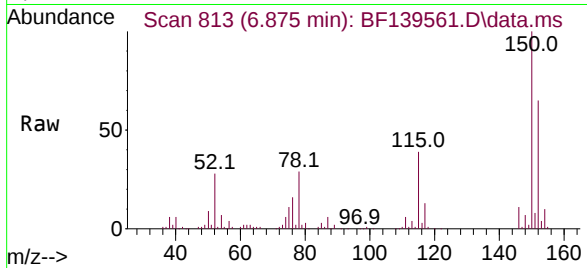
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139561.D
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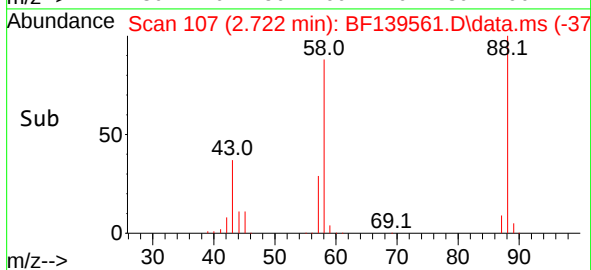
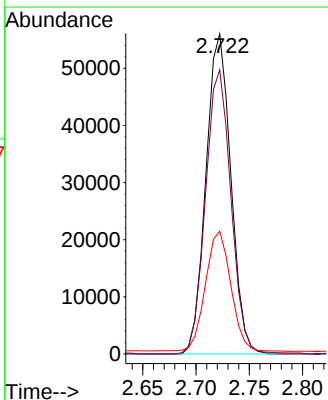
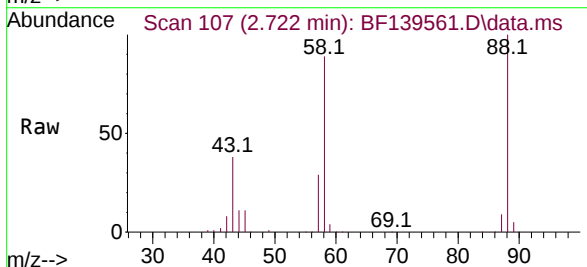
Instrument :
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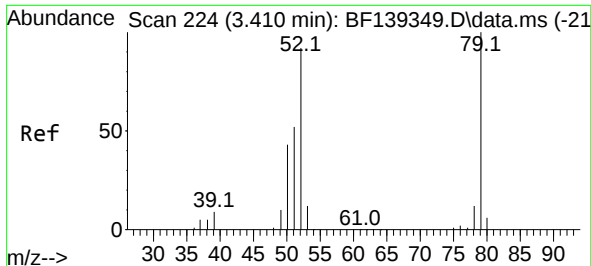
Tgt Ion:152 Resp: 63565
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.1 186.1
 115 60.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 58.231 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.065 min
 Lab File: BF139561.D
 Acq: 26 Sep 2024 22:21

Tgt Ion: 88 Resp: 91031
 Ion Ratio Lower Upper
 88 100
 58 91.0 74.8 112.2
 43 38.5 36.4 54.6





#3

Pyridine

Concen: 67.451 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

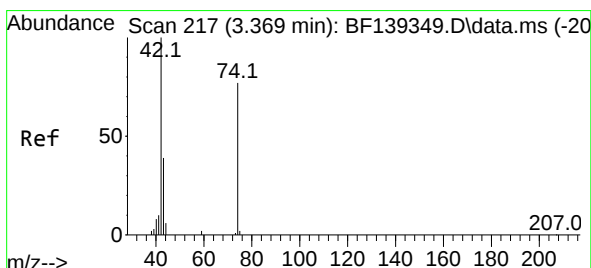
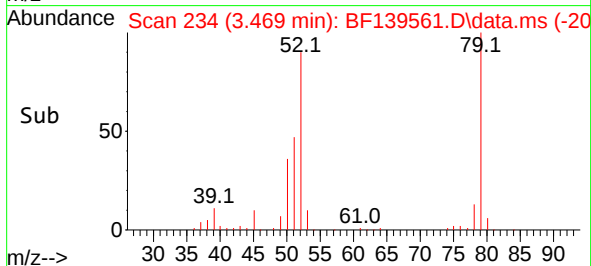
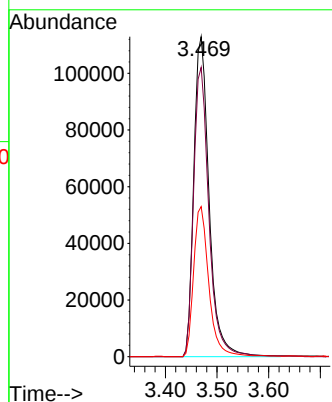
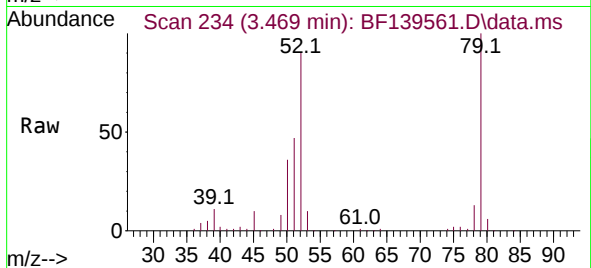
Tgt Ion: 79 Resp: 232481

Ion Ratio Lower Upper

79 100

52 90.4 73.8 110.8

51 46.9 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 52.248 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.059 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

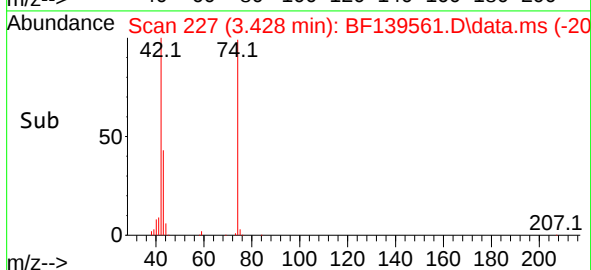
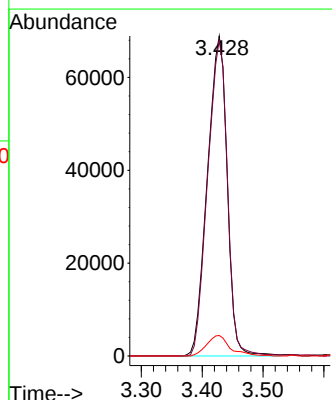
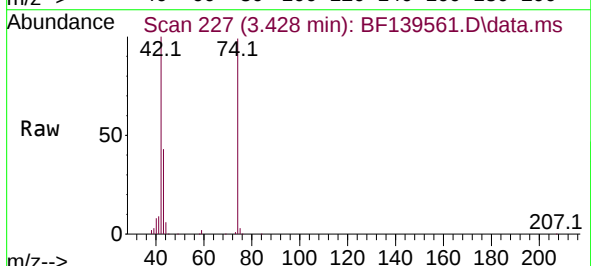
Tgt Ion: 42 Resp: 156086

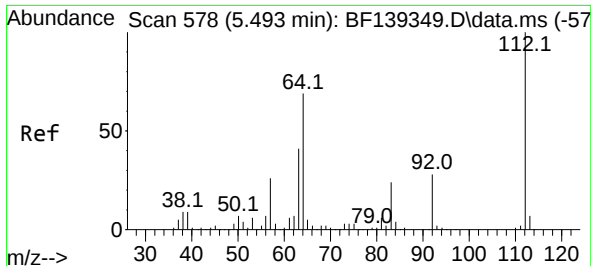
Ion Ratio Lower Upper

42 100

74 98.7 61.8 92.8#

44 6.4 4.8 7.2

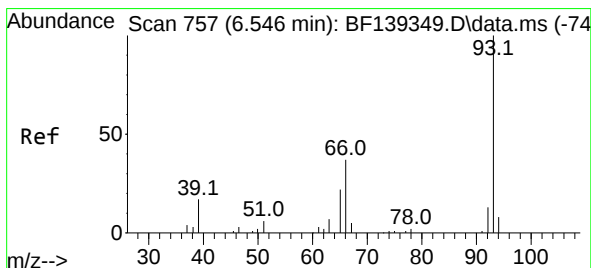
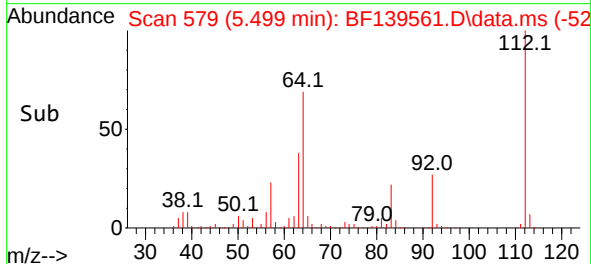
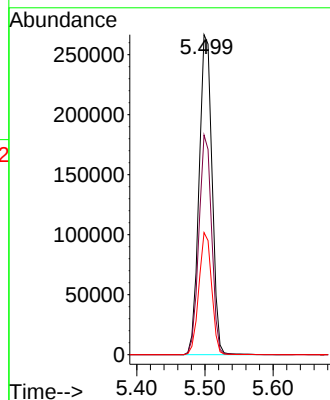
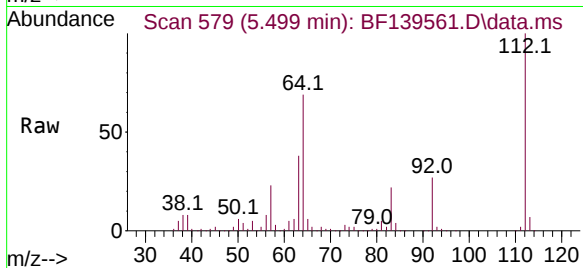




#5
2-Fluorophenol
Concen: 90.371 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

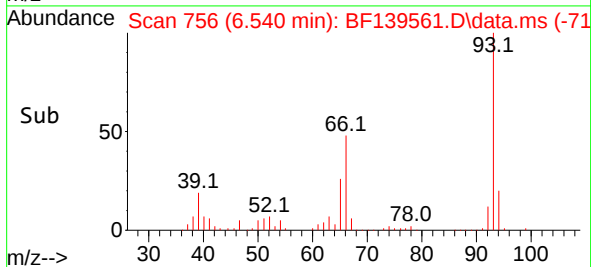
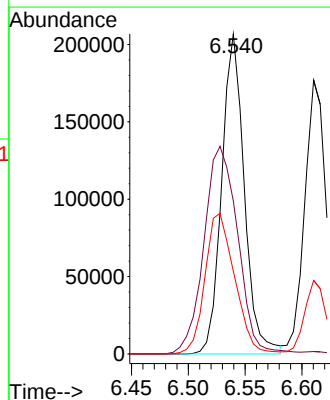
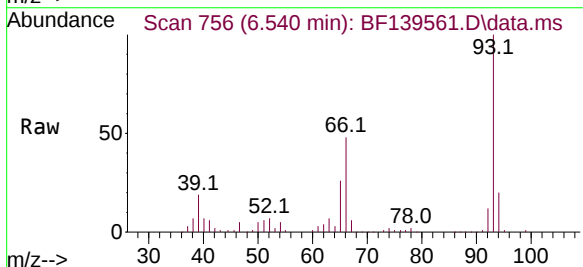
Instrument :
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Tgt Ion:112 Resp: 352129
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 38.2 33.0 49.4



#6
Aniline
Concen: 74.057 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion: 93 Resp: 285832
Ion Ratio Lower Upper
93 100
66 47.8 35.4 53.0
65 25.8 18.2 27.4

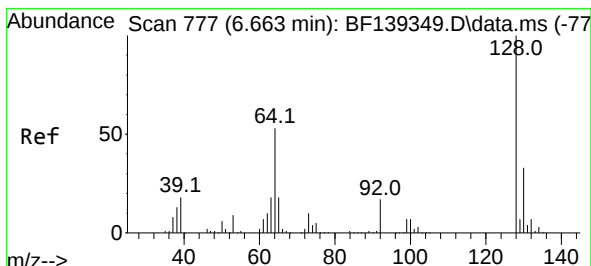
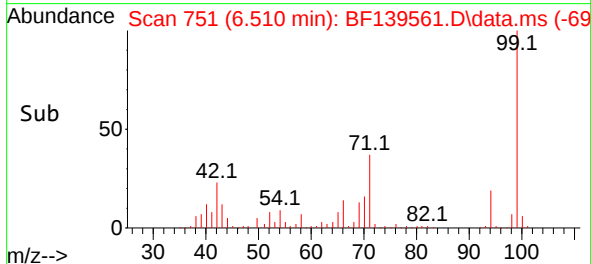
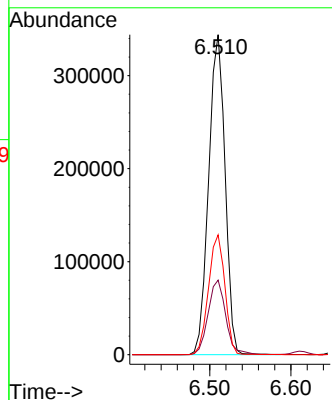
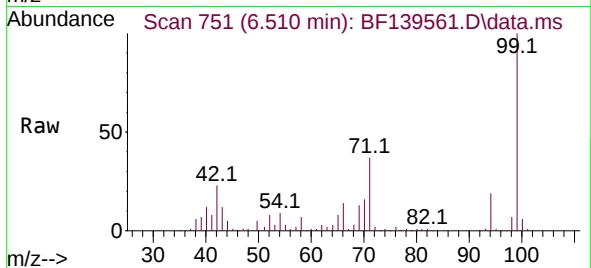




#7
Phenol-d6
Concen: 94.320 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

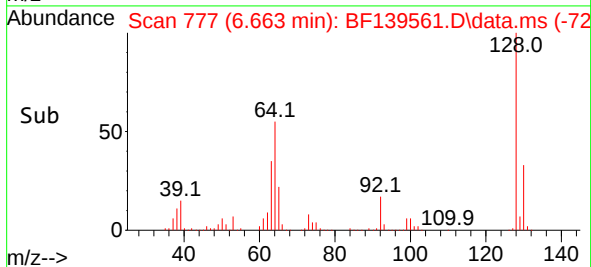
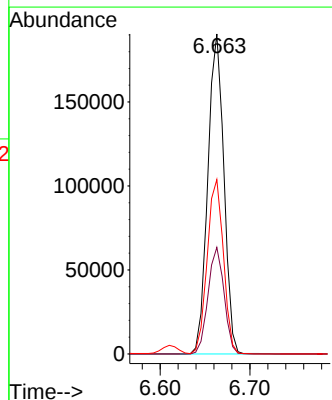
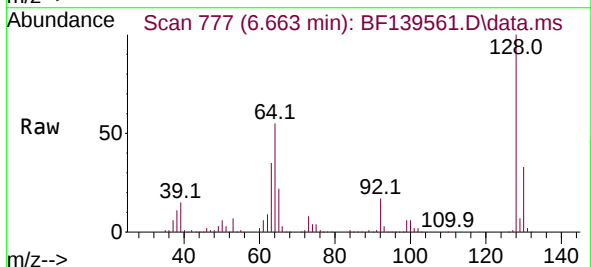
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ClientSampleId :
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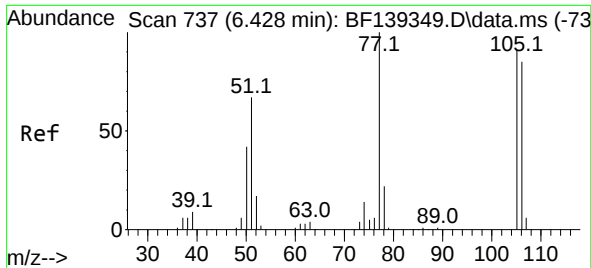
Tgt Ion: 99 Resp: 482389
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 37.4 34.6 52.0



#8
2-Chlorophenol
Concen: 59.051 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:128 Resp: 236850
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 54.5 35.1 75.1





#9

Benzaldehyde

Concen: 13.137 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

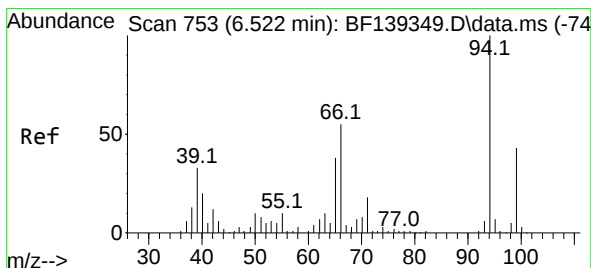
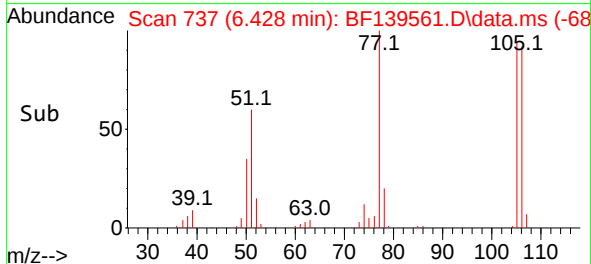
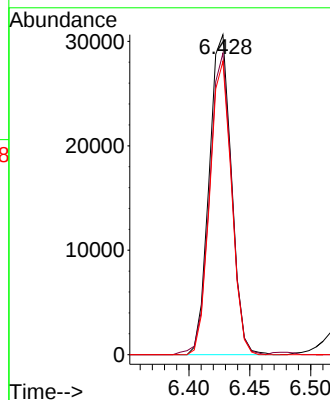
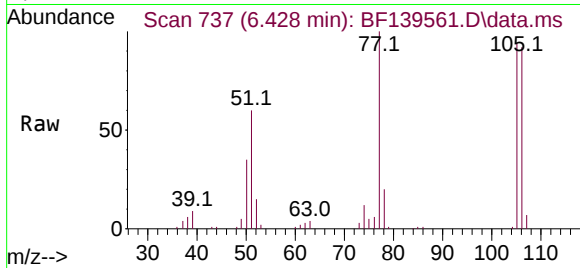
Tgt Ion: 77 Resp: 38819

Ion Ratio Lower Upper

77 100

105 94.2 71.0 111.0

106 91.6 64.9 104.9



#10

Phenol

Concen: 61.902 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

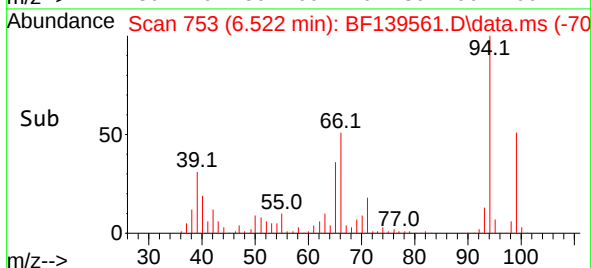
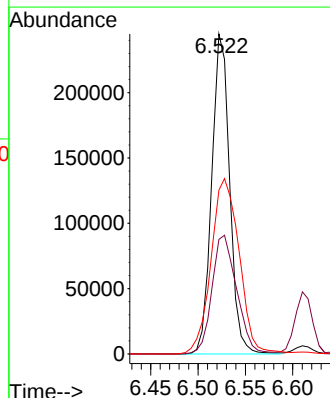
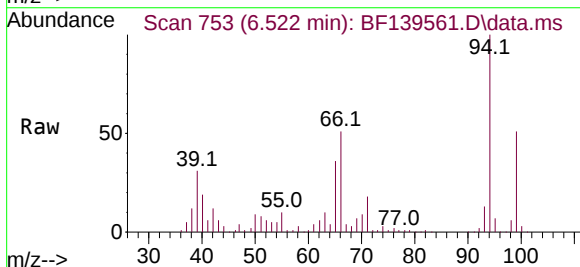
Tgt Ion: 94 Resp: 322445

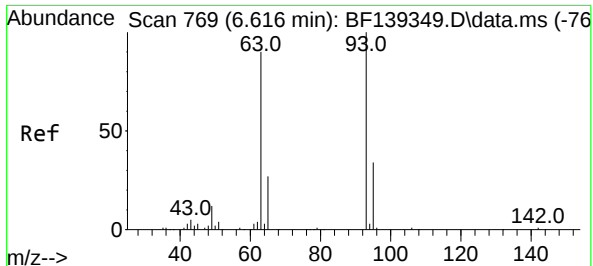
Ion Ratio Lower Upper

94 100

65 35.8 17.6 57.6

66 51.2 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 57.642 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

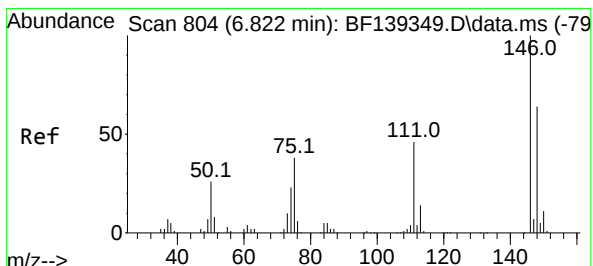
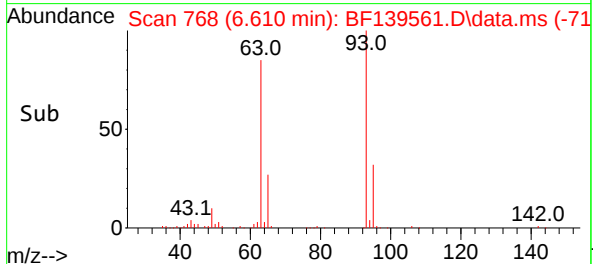
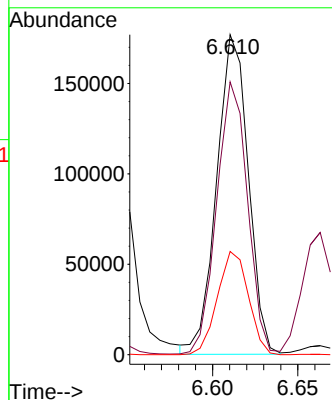
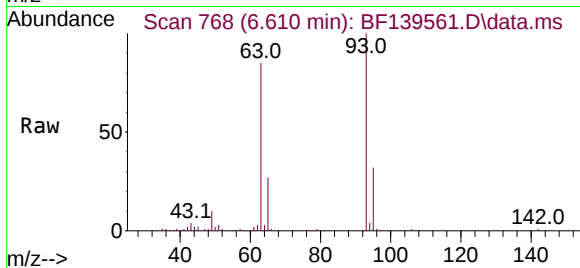
Tgt Ion: 93 Resp: 228209

Ion Ratio Lower Upper

93 100

63 85.2 65.3 105.3

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 54.615 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

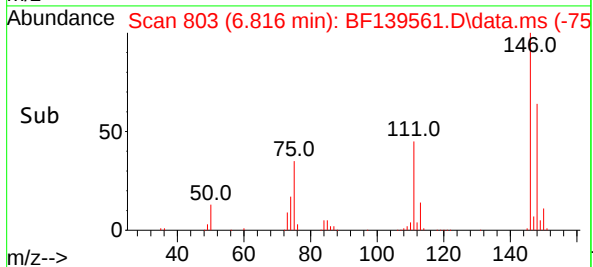
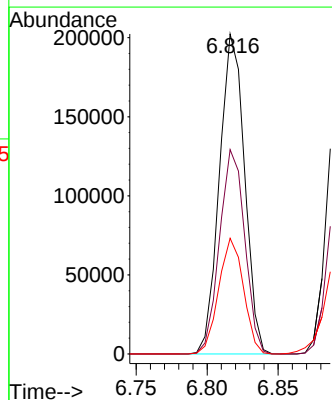
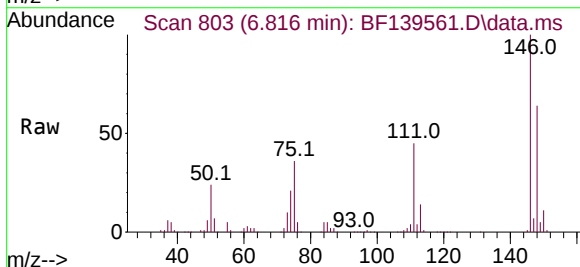
Tgt Ion:146 Resp: 249127

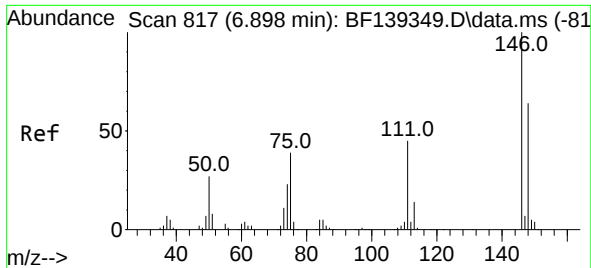
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

75 36.1 30.6 46.0

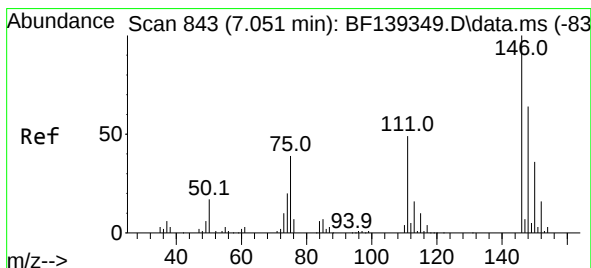
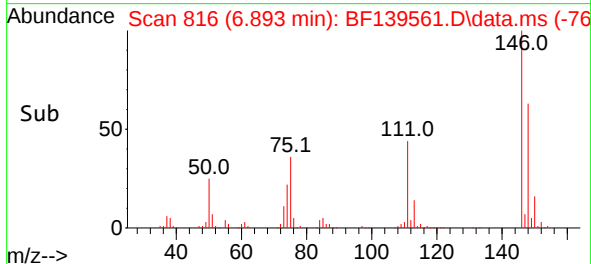
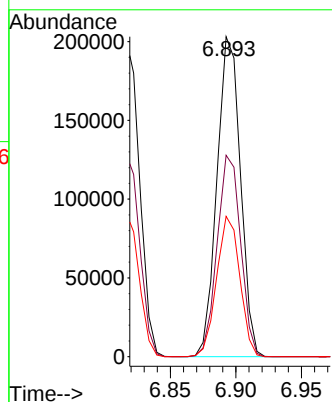
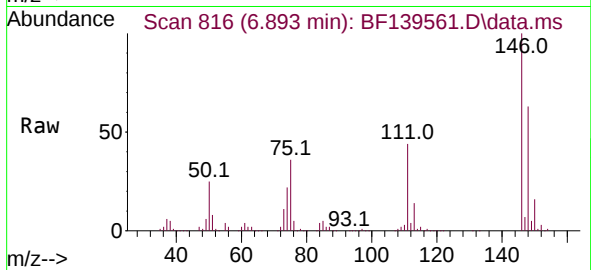




#13
1,4-Dichlorobenzene
Concen: 54.782 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

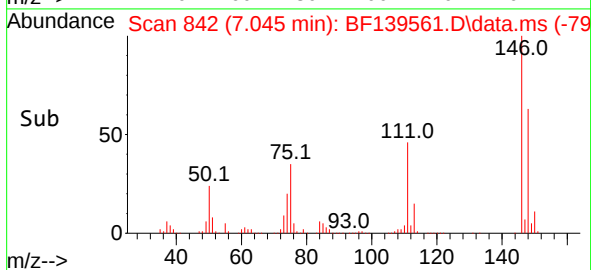
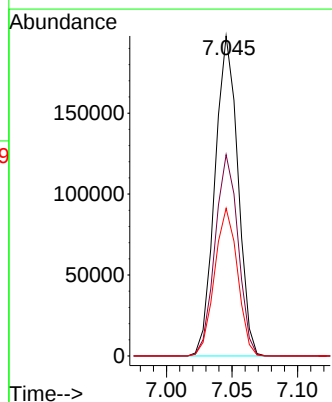
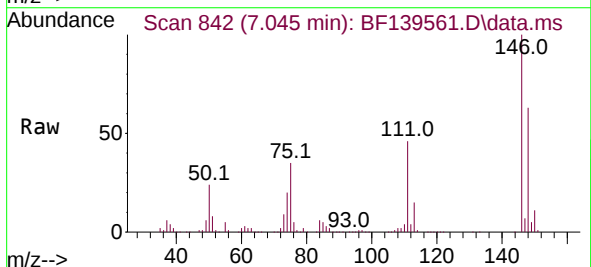
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Tgt Ion:146 Resp: 252524
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 43.9 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 55.110 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:146 Resp: 240042
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 46.2 38.9 58.3

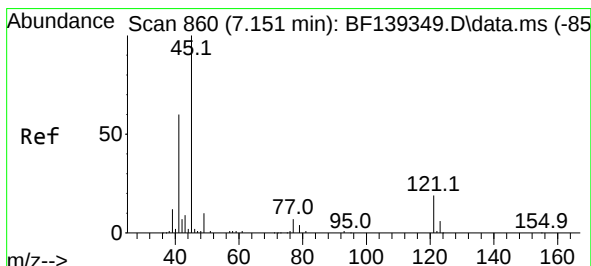
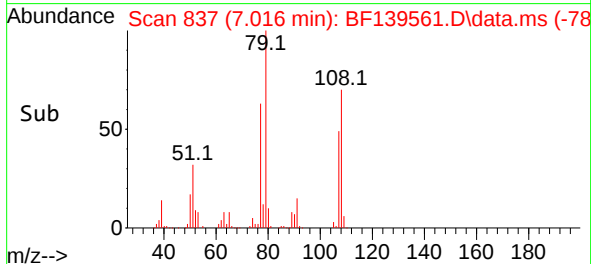
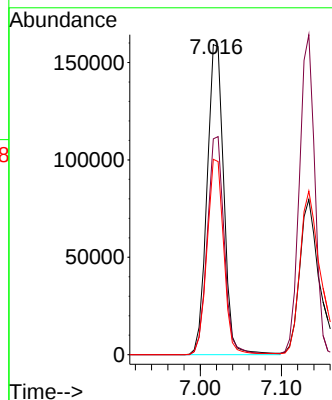
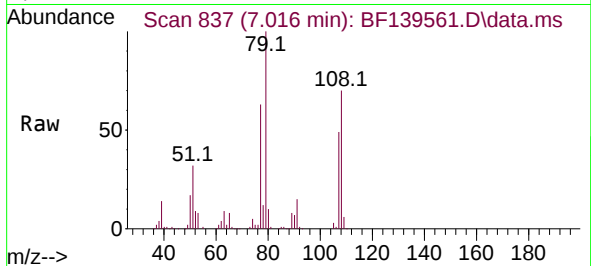




#15
Benzyl Alcohol
Concen: 55.915 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

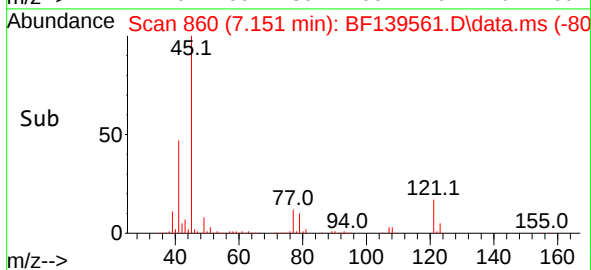
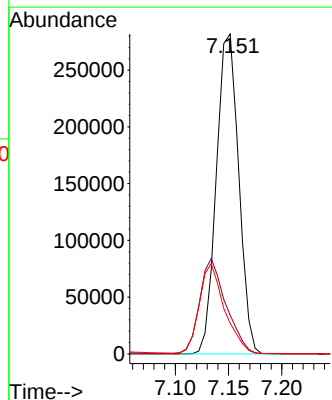
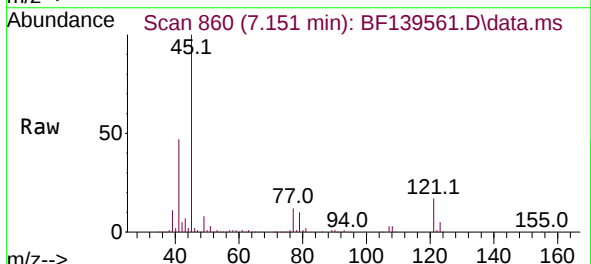
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

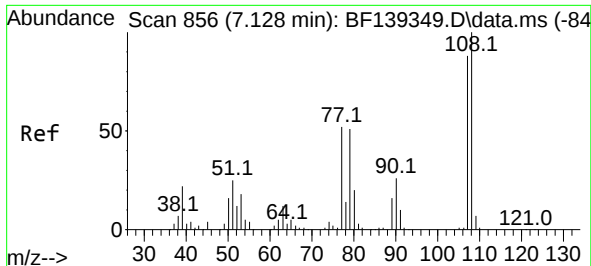
Tgt Ion: 79 Resp: 228155
Ion Ratio Lower Upper
79 100
108 69.6 50.4 75.6
77 63.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 67.242 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

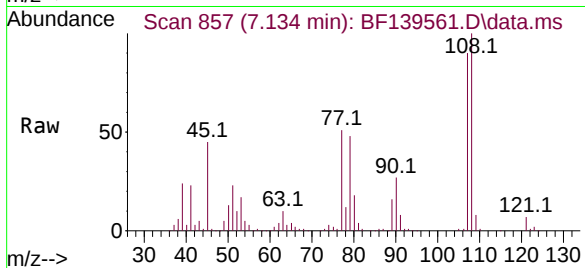
Tgt Ion: 45 Resp: 410274
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.6 0.0 29.1



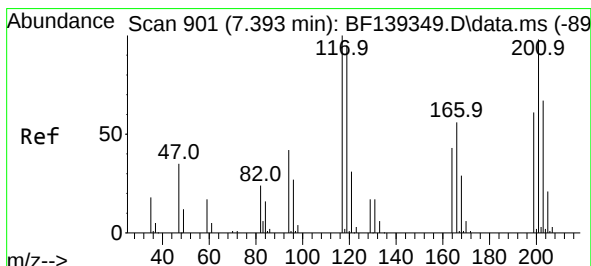
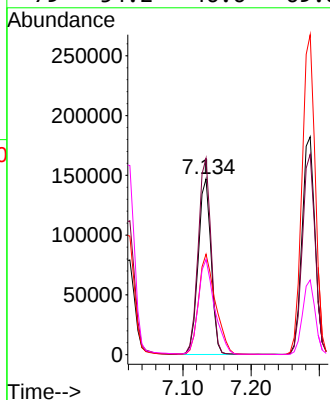
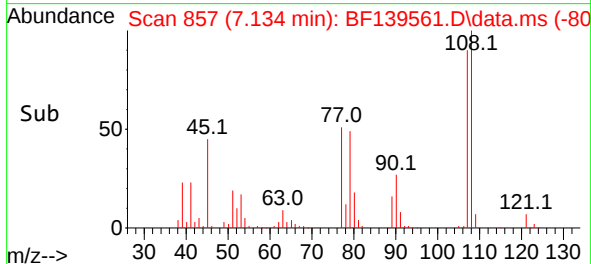


#17
2-Methylphenol
Concen: 60.424 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Instrument :
BNA_F
ClientSampleId :
TP-TMSD

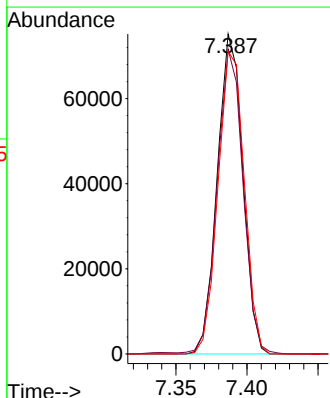
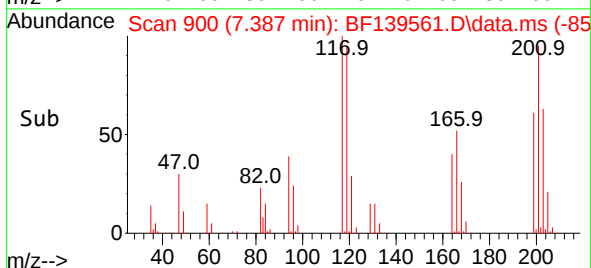
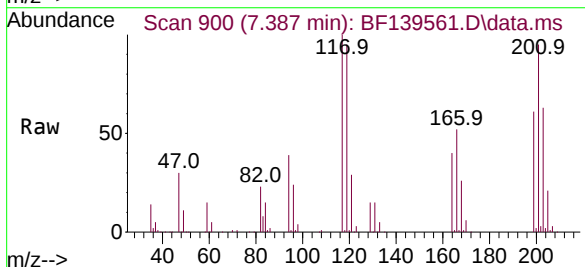


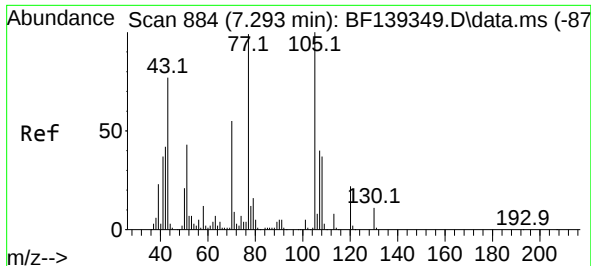
Tgt Ion:	107	Resp:	192553
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.5	135.7
77	57.2	47.1	70.7
79	54.2	46.6	69.8



#18
Hexachloroethane
Concen: 53.477 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:	117	Resp:	93892
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	94.5	78.6	118.0



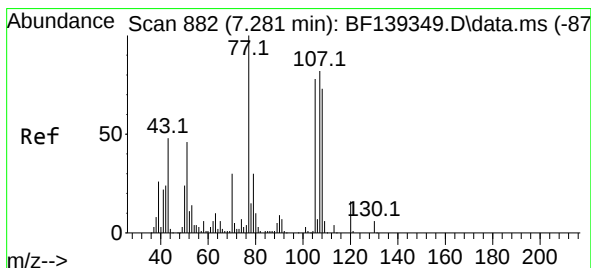
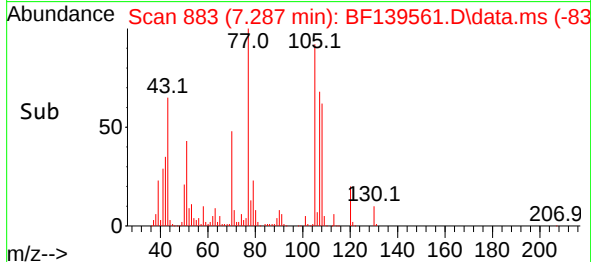
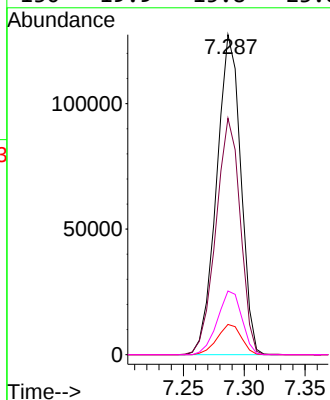
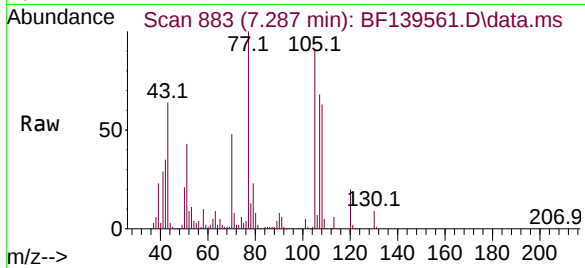


#19
n-Nitroso-di-n-propylamine
Concen: 58.137 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Tgt Ion: 70 Resp: 176198

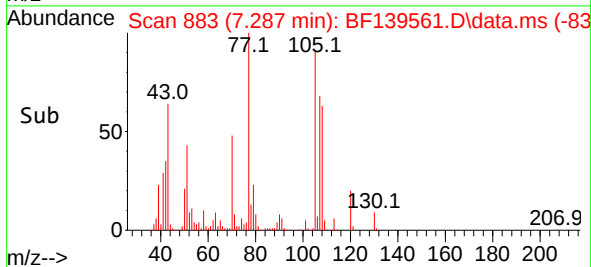
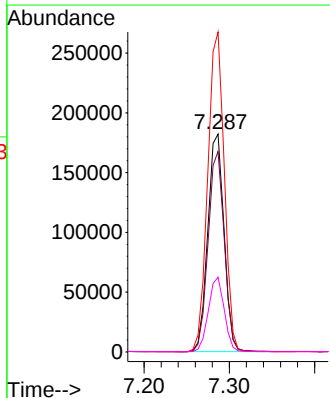
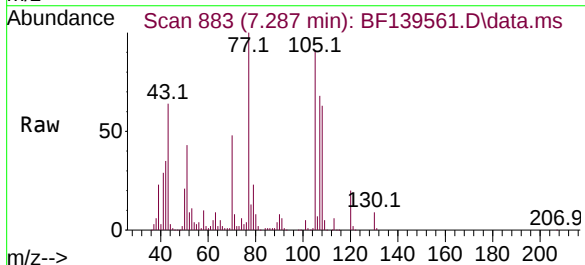
Ion	Ratio	Lower	Upper
70	100		
42	73.9	61.2	91.8
101	9.5	7.5	11.3
130	19.9	15.8	23.8

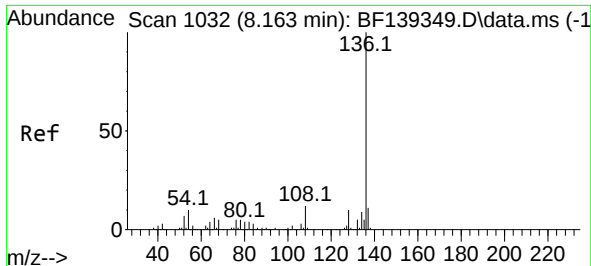


#20
3+4-Methylphenols
Concen: 55.580 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion: 107 Resp: 241645

Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.6	108.6
77	146.8	101.6	141.6#
79	34.3	16.3	56.3

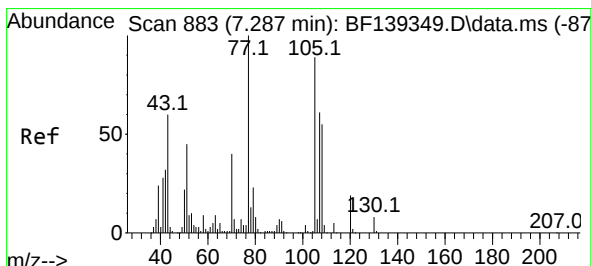
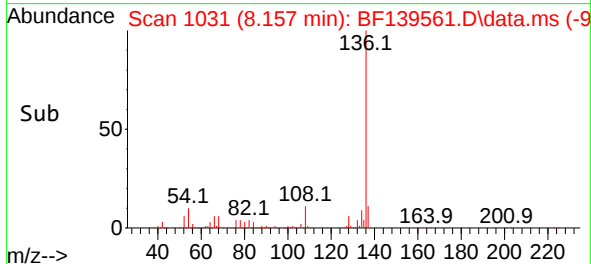
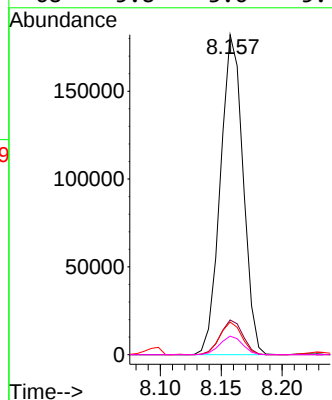
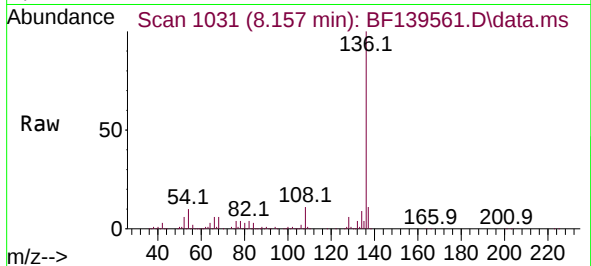




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

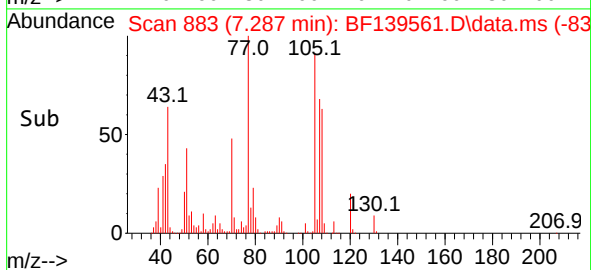
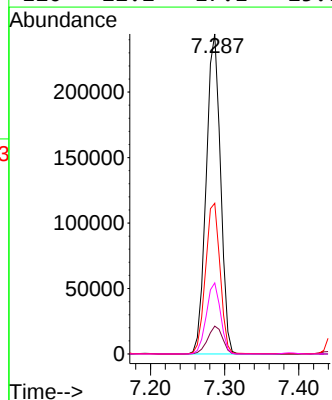
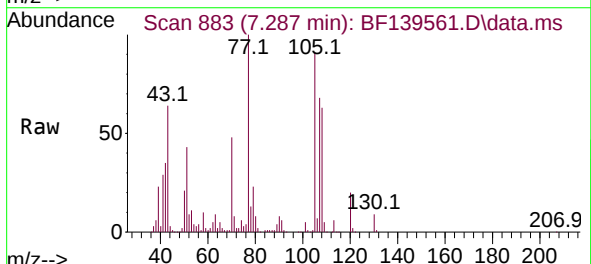
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

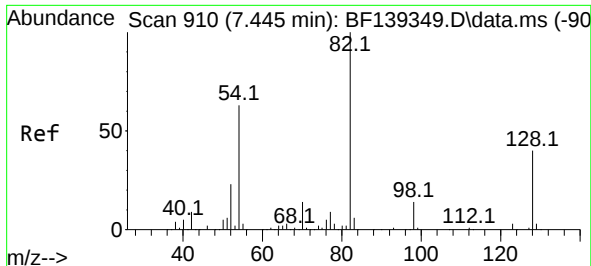
Tgt Ion:136 Resp: 235838
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 7.8 11.8
68 5.8 3.6 5.4#



#22
Acetophenone
Concen: 53.285 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:105 Resp: 328527
Ion Ratio Lower Upper
105 100
71 8.7 5.9 8.9
51 47.1 40.0 60.0
120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 59.603 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

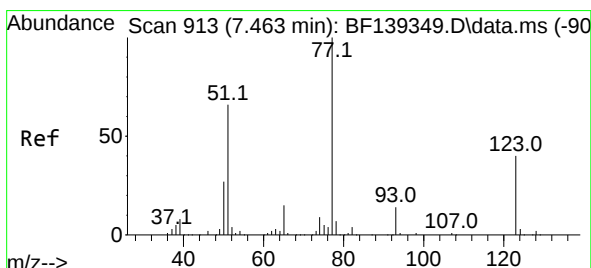
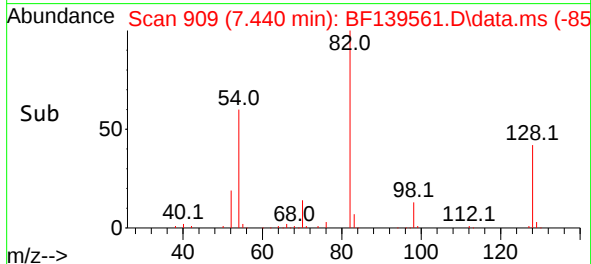
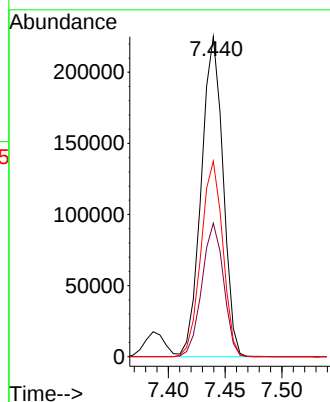
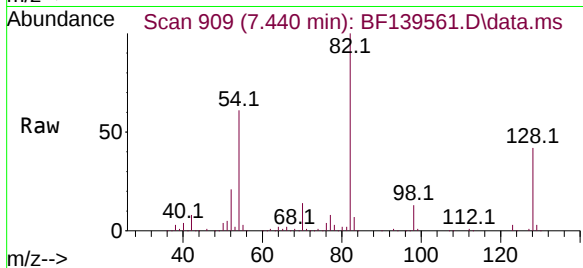
Tgt Ion: 82 Resp: 299007

Ion Ratio Lower Upper

82 100

128 41.7 31.8 47.6

54 61.1 50.6 75.8



#24

Nitrobenzene

Concen: 53.279 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

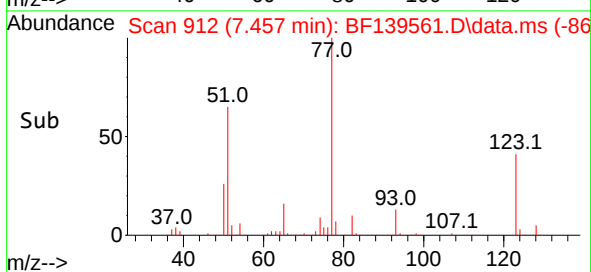
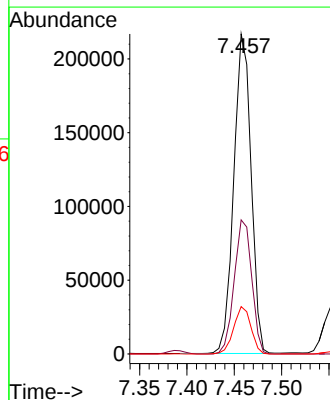
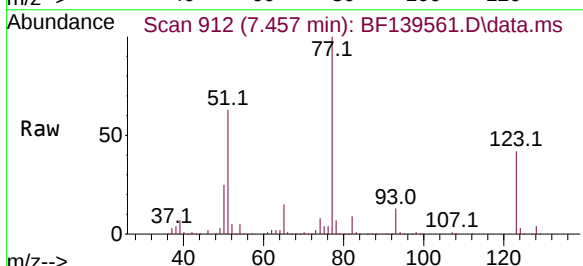
Tgt Ion: 77 Resp: 275087

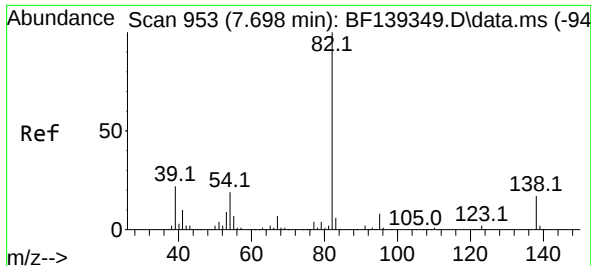
Ion Ratio Lower Upper

77 100

123 41.9 32.2 48.4

65 14.8 12.2 18.4

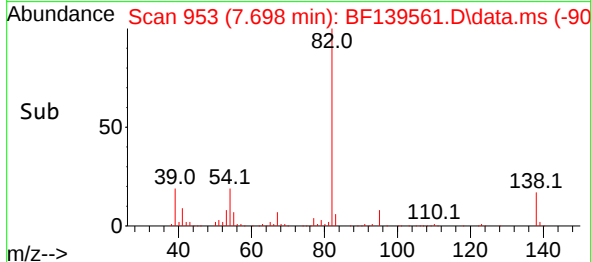
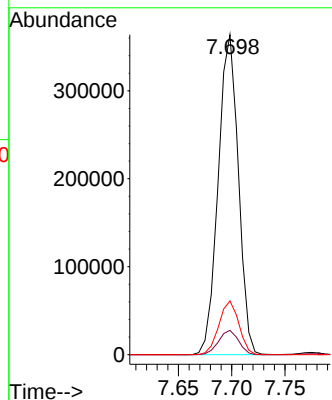
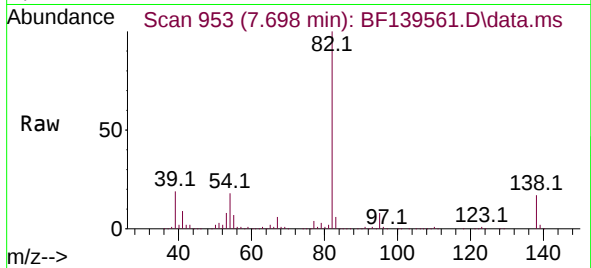




#25
Isophorone
Concen: 60.227 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

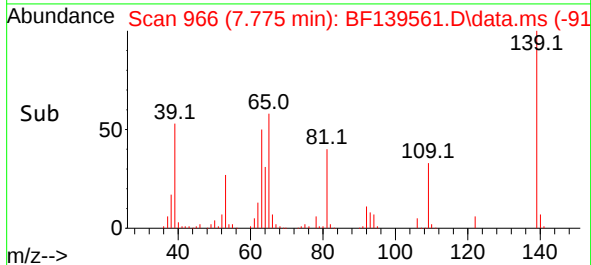
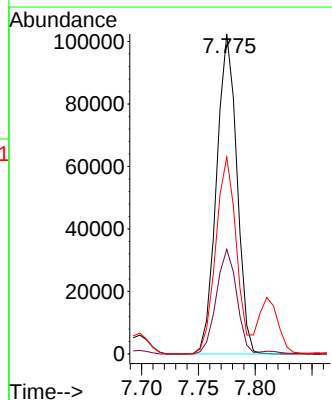
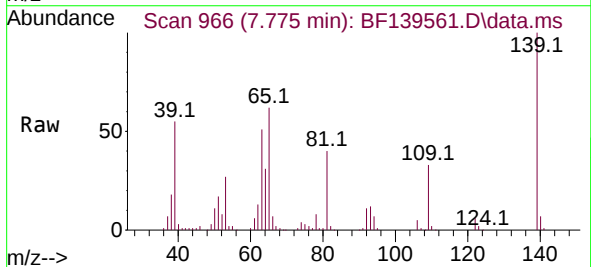
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

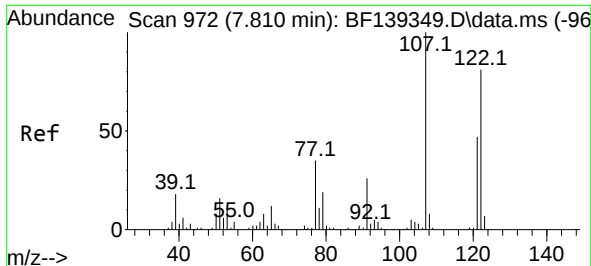
Tgt Ion: 82 Resp: 477829
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.8 13.3 19.9



#26
2-Nitrophenol
Concen: 63.478 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:139 Resp: 127689
Ion Ratio Lower Upper
139 100
109 32.7 32.2 48.2
65 61.6 55.8 83.8

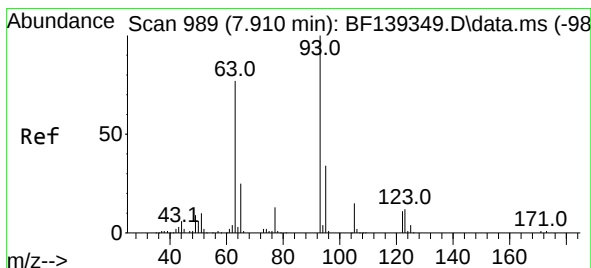
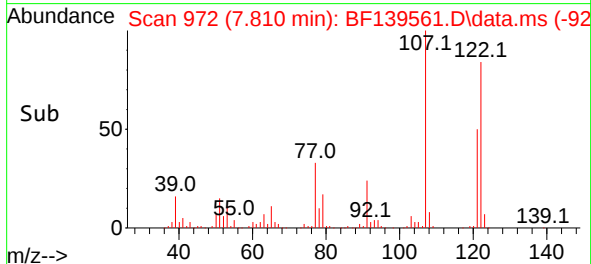
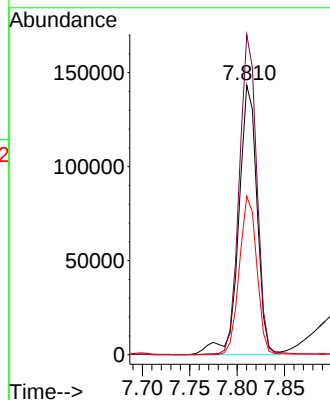
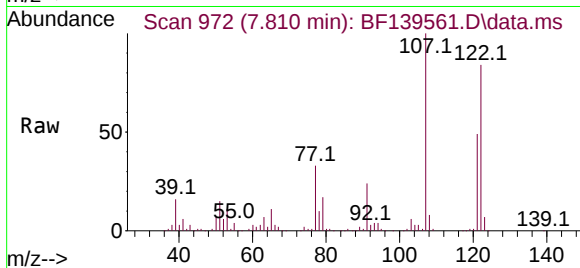




#27
2,4-Dimethylphenol
Concen: 72.548 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

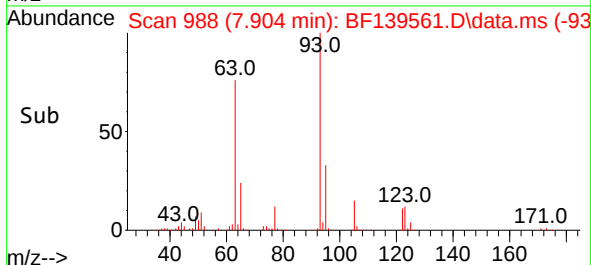
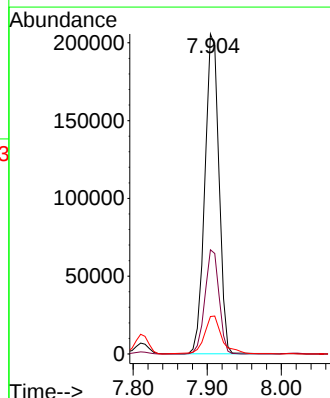
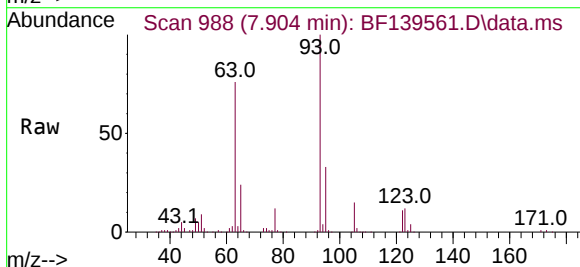
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

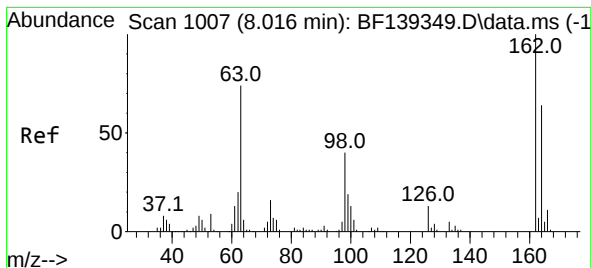
Tgt Ion:122 Resp: 192499
Ion Ratio Lower Upper
122 100
107 118.7 99.1 148.7
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 60.264 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion: 93 Resp: 272495
Ion Ratio Lower Upper
93 100
95 32.6 26.9 40.3
123 11.7 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 58.923 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

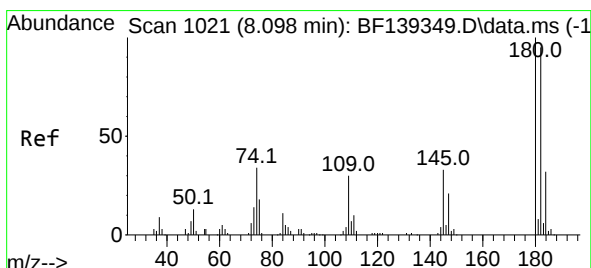
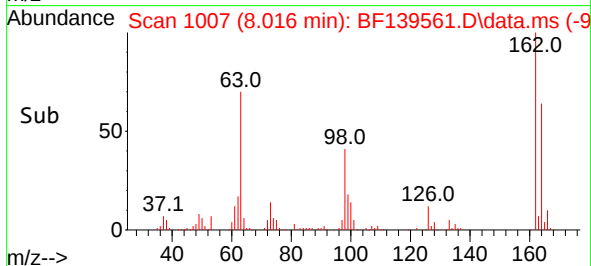
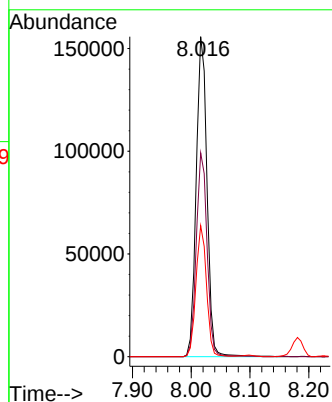
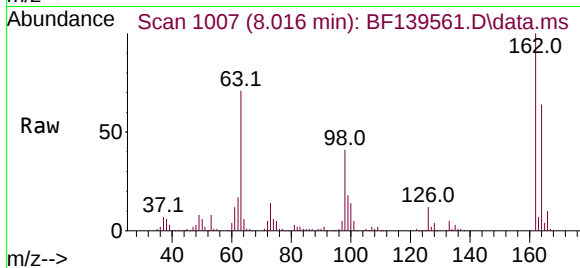
Tgt Ion:162 Resp: 198619

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

98 41.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 53.029 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

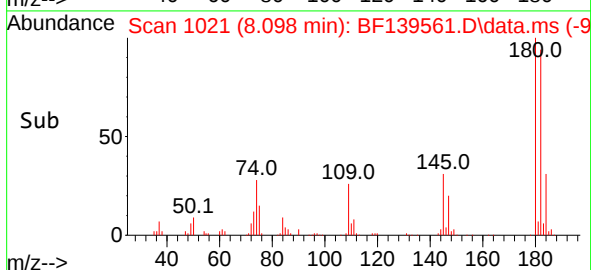
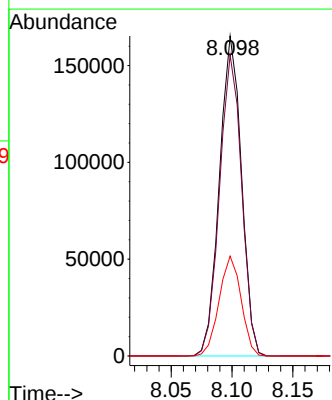
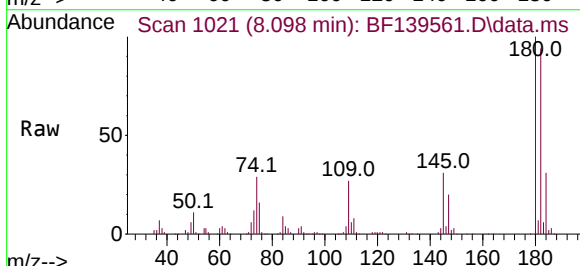
Tgt Ion:180 Resp: 208277

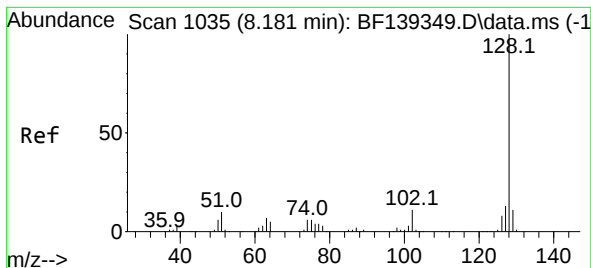
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 31.2 26.5 39.7





#31

Naphthalene

Concen: 56.761 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

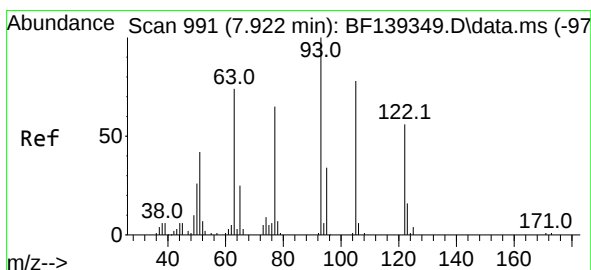
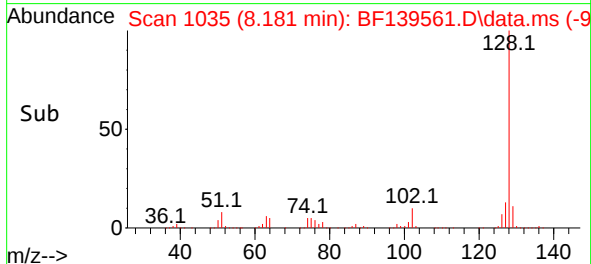
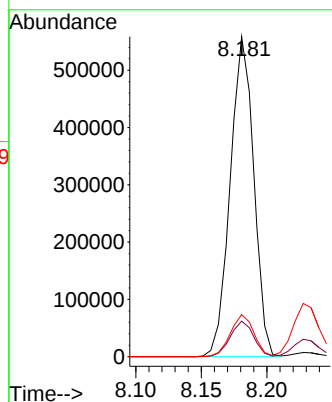
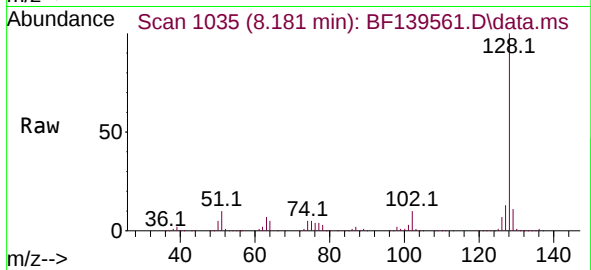
Tgt Ion:128 Resp: 698850

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 48.388 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

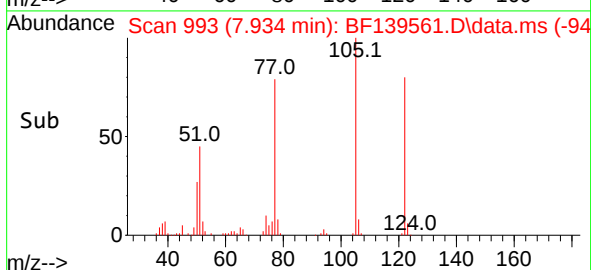
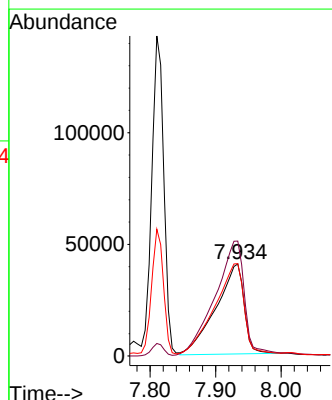
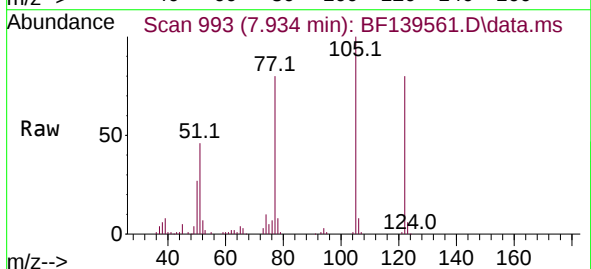
Tgt Ion:122 Resp: 120153

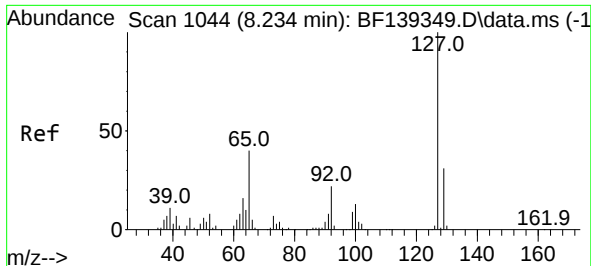
Ion Ratio Lower Upper

122 100

105 125.0 117.1 157.1

77 100.4 95.4 135.4

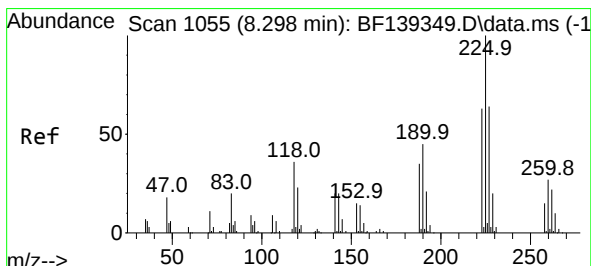
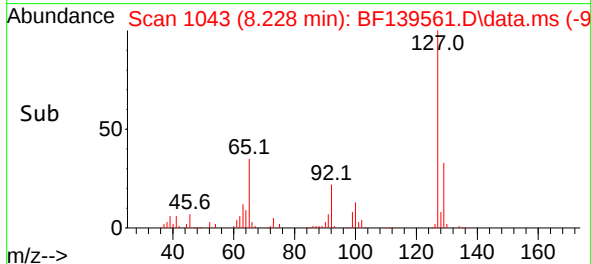
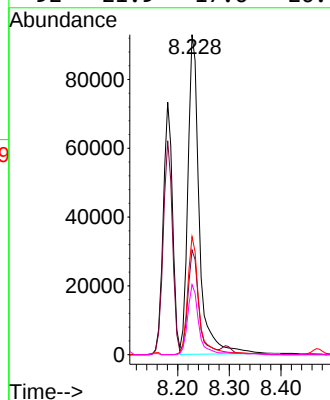
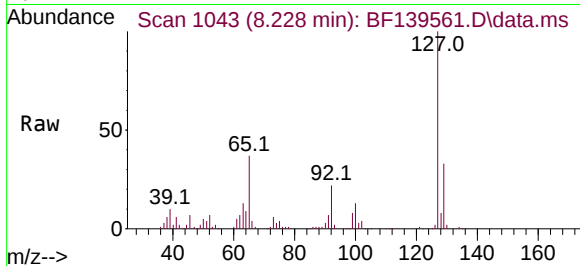




#33
4-Chloroaniline
Concen: 37.707 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

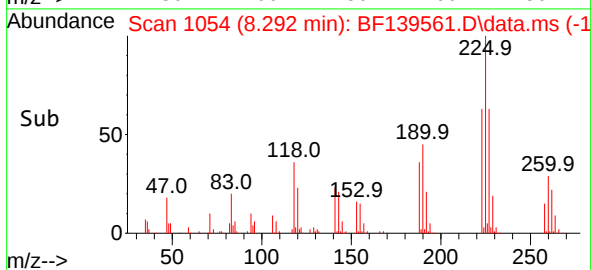
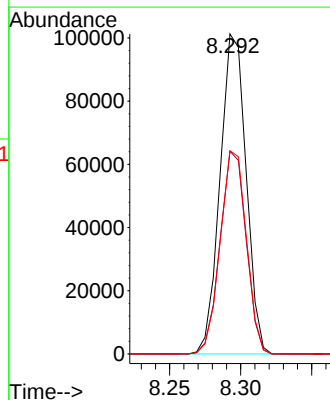
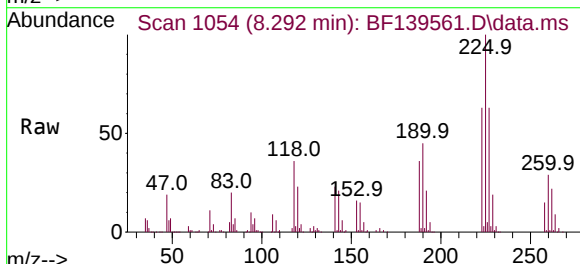
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

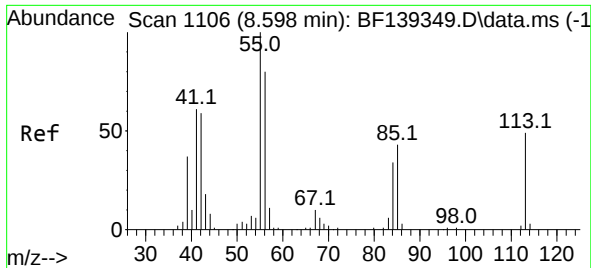
Tgt Ion:	127	Resp:	142028
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	36.9	31.5	47.3
92	21.9	17.6	26.4



#34
Hexachlorobutadiene
Concen: 48.367 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:	225	Resp:	129061
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	63.5	51.0	76.6

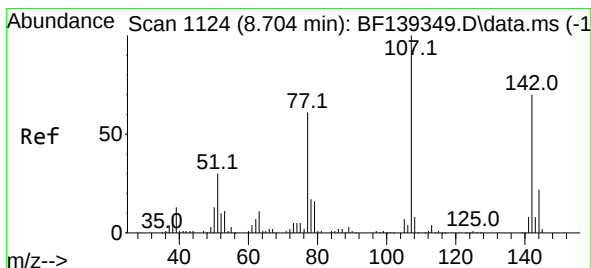
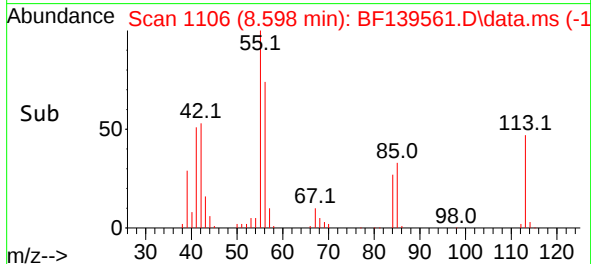
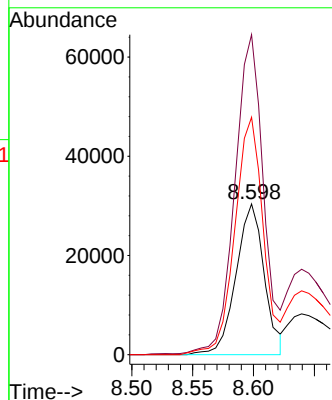
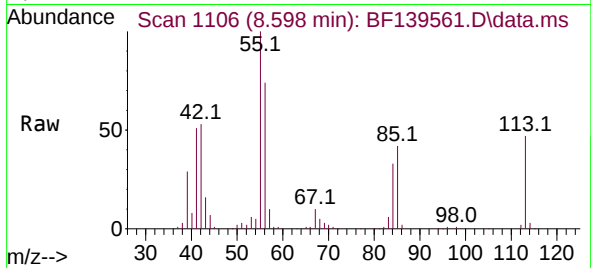




#35
 Caprolactam
 Concen: 47.207 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139561.D
 Acq: 26 Sep 2024 22:21

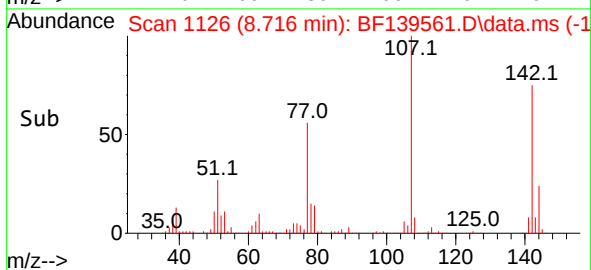
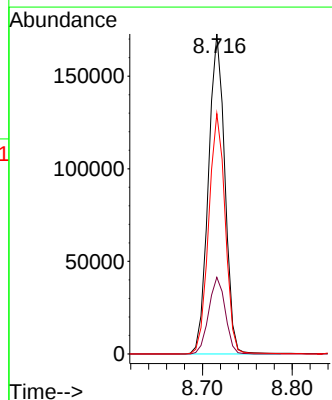
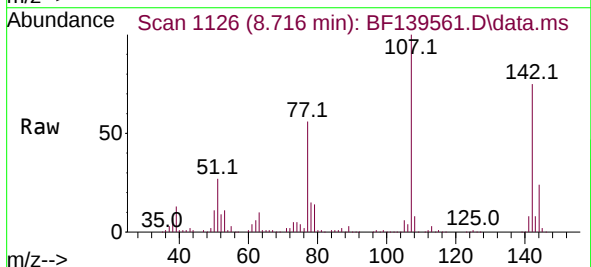
Instrument :
 BNA_F
 ClientSampleId :
 TP-TMSD

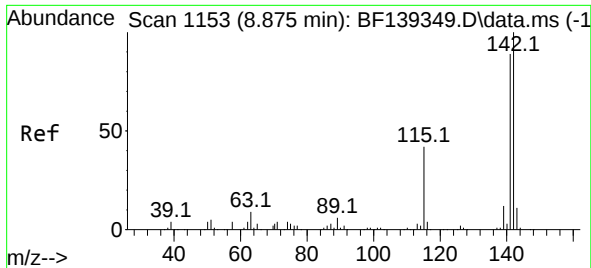
Tgt Ion:113 Resp: 48950
 Ion Ratio Lower Upper
 113 100
 55 212.4 186.1 226.1
 56 157.6 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 57.054 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139561.D
 Acq: 26 Sep 2024 22:21

Tgt Ion:107 Resp: 219796
 Ion Ratio Lower Upper
 107 100
 144 24.0 17.5 26.3
 142 75.1 55.8 83.8





#37

2-Methylnaphthalene

Concen: 57.679 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

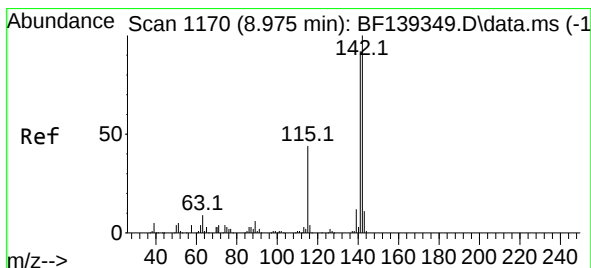
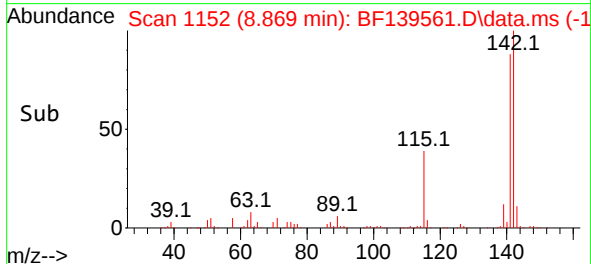
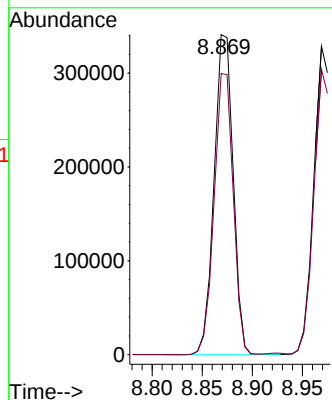
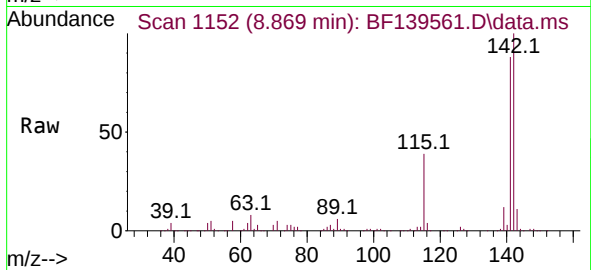
TP-TMSD

Tgt Ion:142 Resp: 450756

Ion Ratio Lower Upper

142 100

141 87.9 71.6 107.4



#38

1-Methylnaphthalene

Concen: 54.696 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139561.D

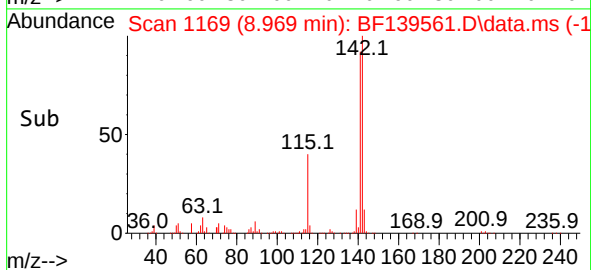
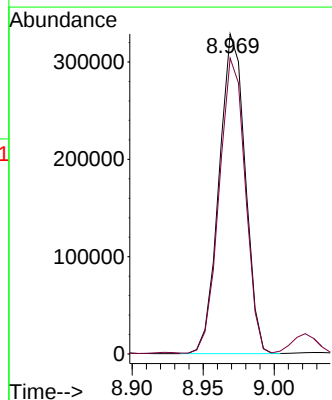
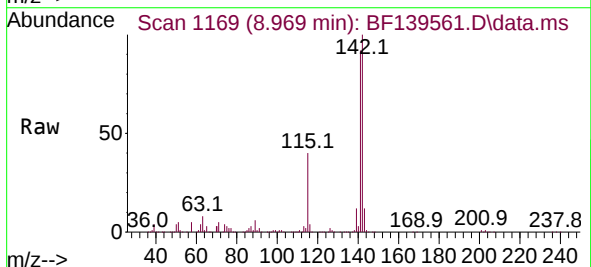
Acq: 26 Sep 2024 22:21

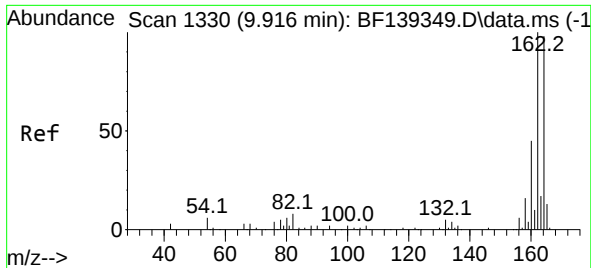
Tgt Ion:142 Resp: 419653

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

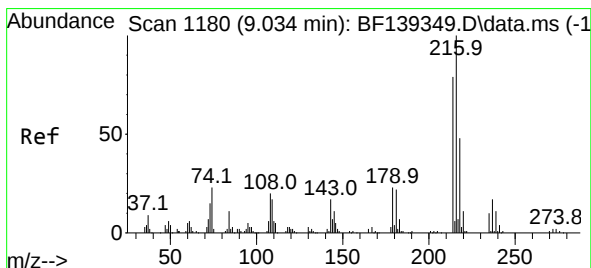
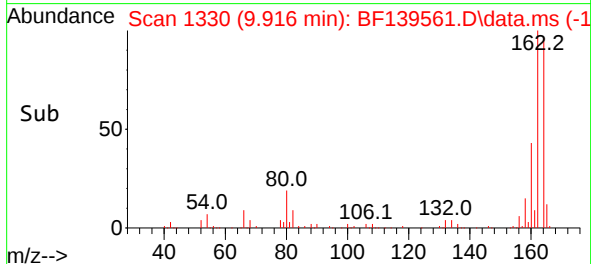
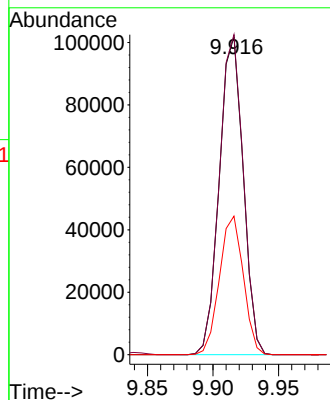
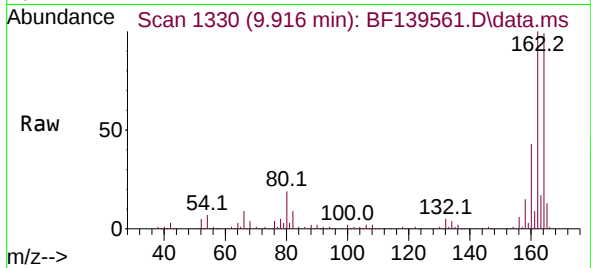




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

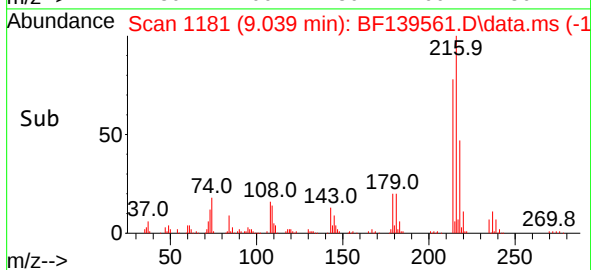
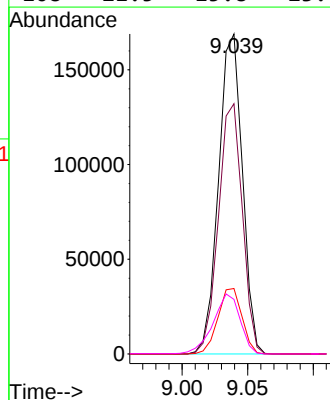
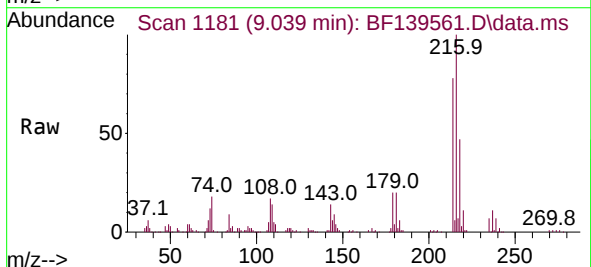
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

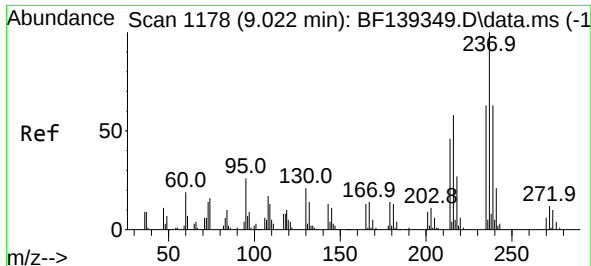
Tgt Ion:164 Resp: 128778
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 43.6 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.753 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:216 Resp: 212784
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.7 18.2 27.2
108 21.5 15.8 23.6

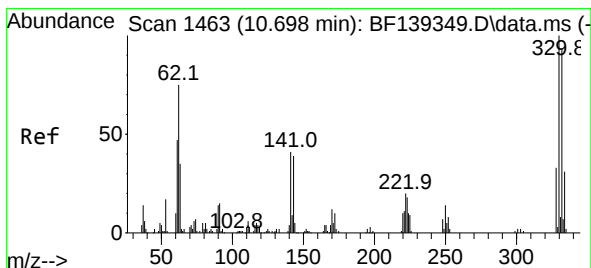
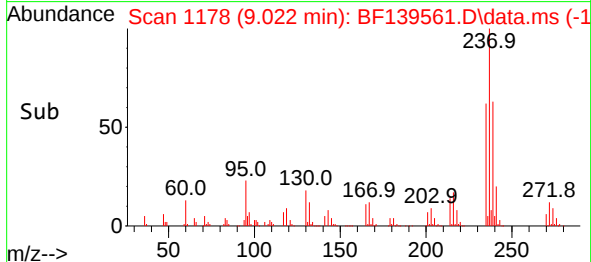
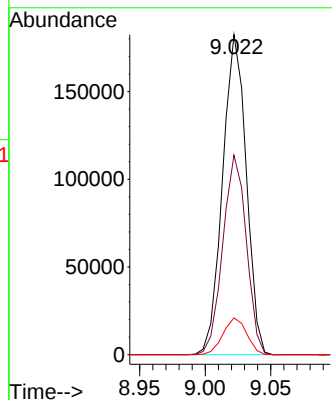
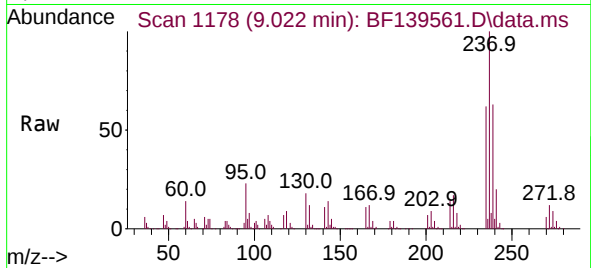




#41
Hexachlorocyclopentadiene
Concen: 171.488 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

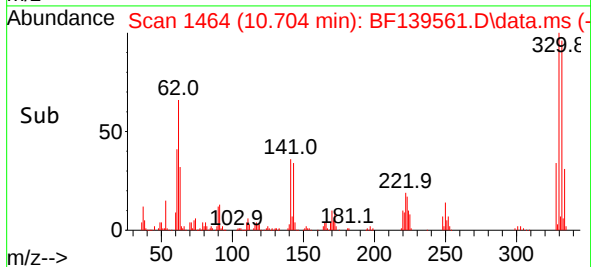
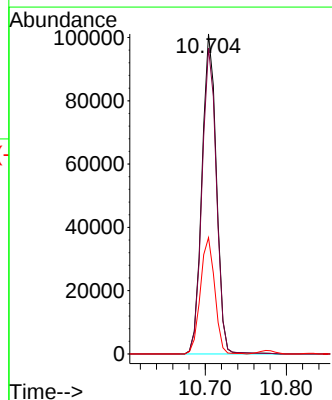
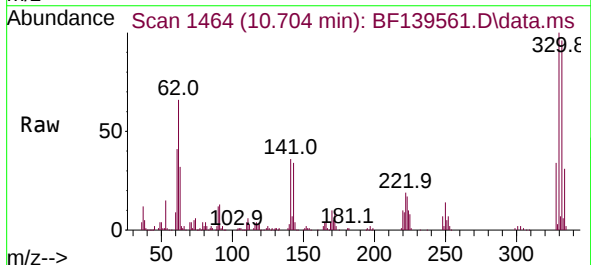
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Tgt Ion:237 Resp: 228523
Ion Ratio Lower Upper
237 100
235 62.3 42.7 82.7
272 11.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 90.846 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:330 Resp: 124549
Ion Ratio Lower Upper
330 100
332 95.9 75.2 112.8
141 36.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 59.187 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

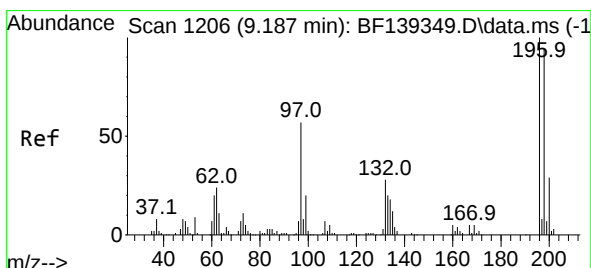
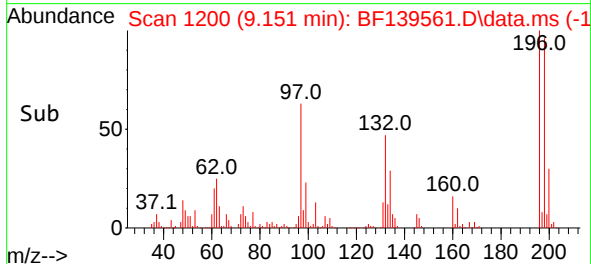
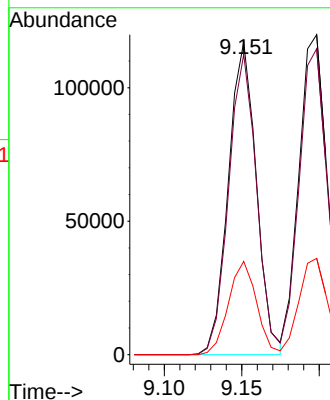
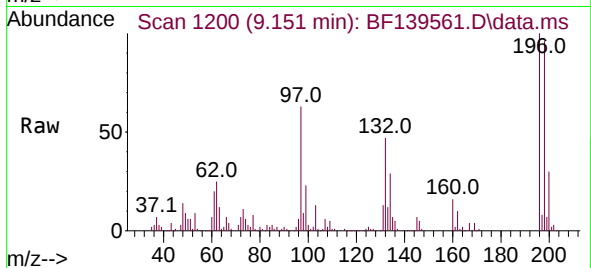
Tgt Ion:196 Resp: 146964

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.6

200 29.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 58.394 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Tgt Ion:196 Resp: 152946

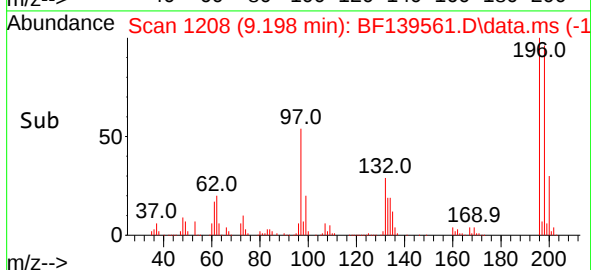
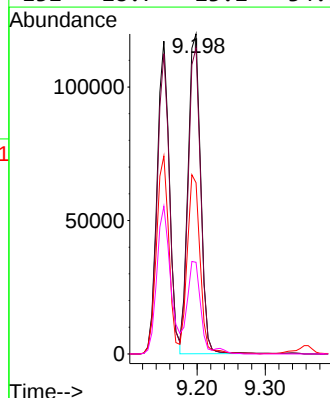
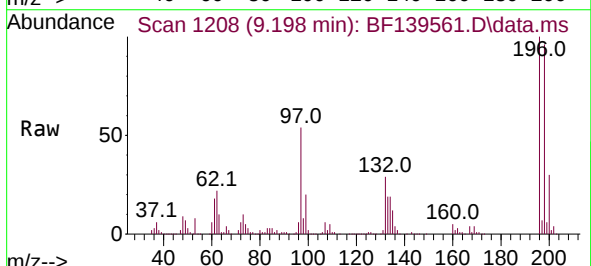
Ion Ratio Lower Upper

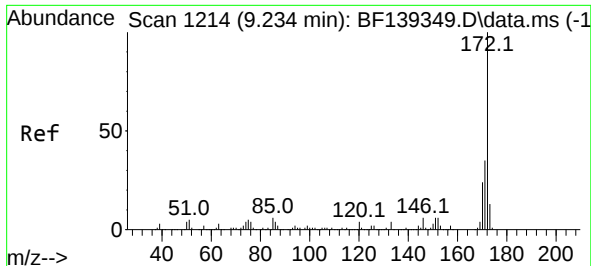
196 100

198 95.6 74.8 112.2

97 53.5 47.3 70.9

132 28.7 23.2 34.8

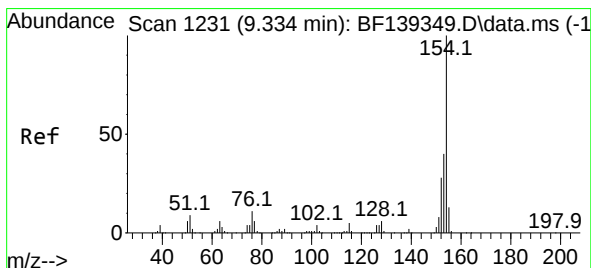
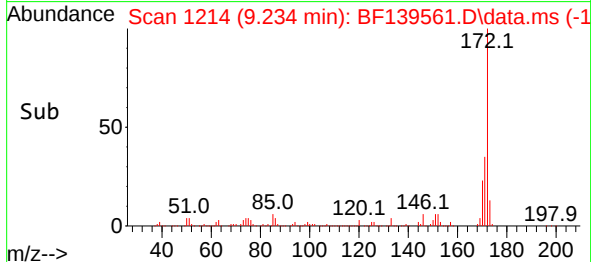
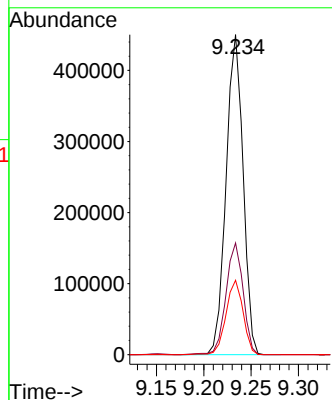
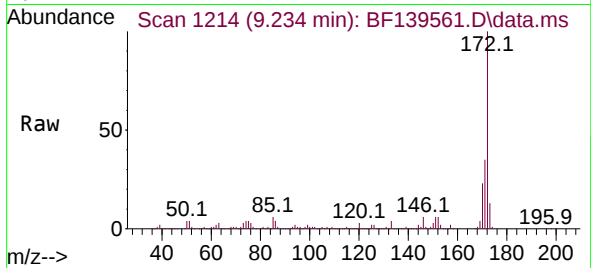




#45
2-Fluorobiphenyl
Concen: 61.314 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

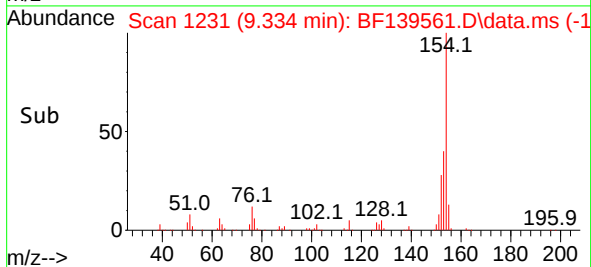
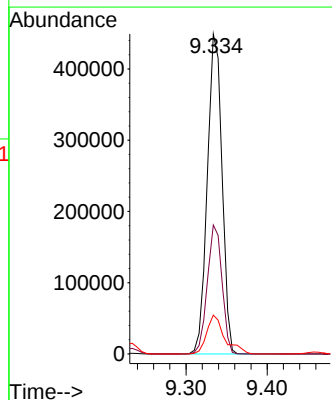
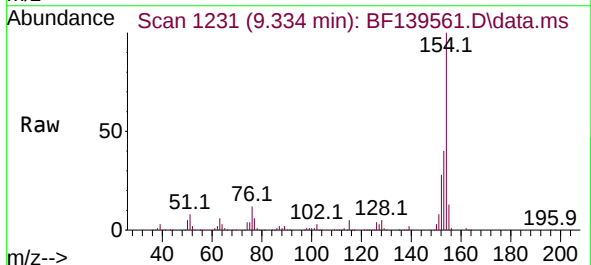
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

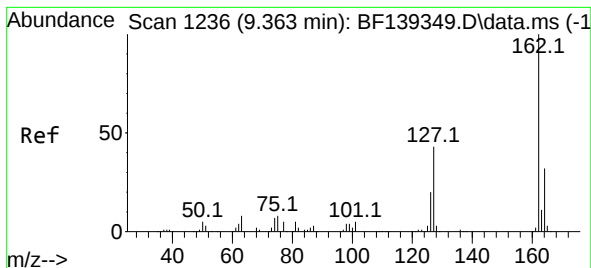
Tgt Ion:172 Resp: 562981
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 56.899 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:154 Resp: 563709
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 12.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 56.879 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

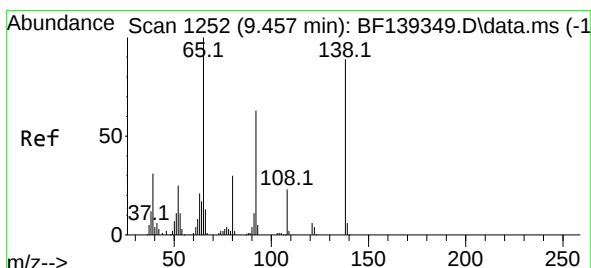
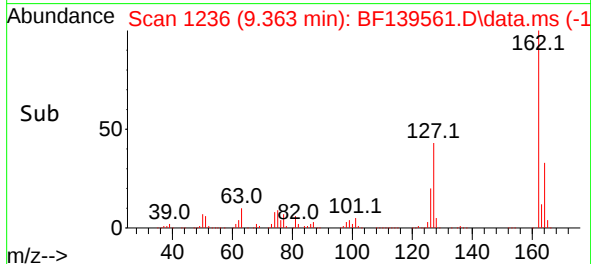
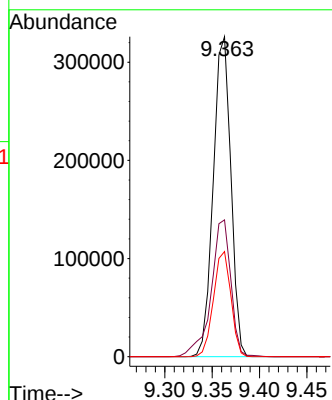
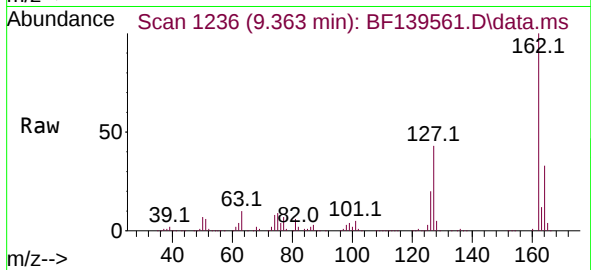
Tgt Ion:162 Resp: 421337

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

164 32.9 25.8 38.6



#48

2-Nitroaniline

Concen: 61.632 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

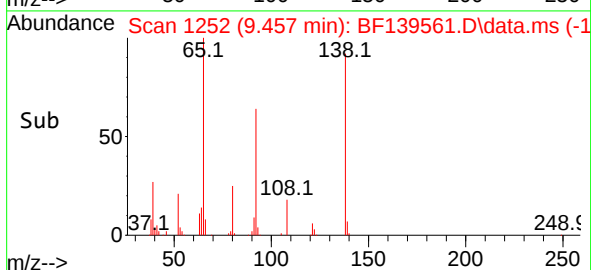
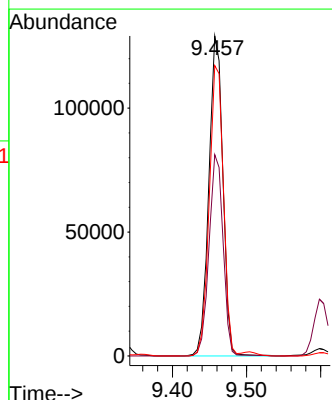
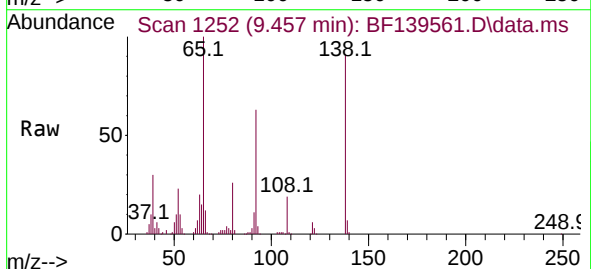
Tgt Ion: 65 Resp: 169811

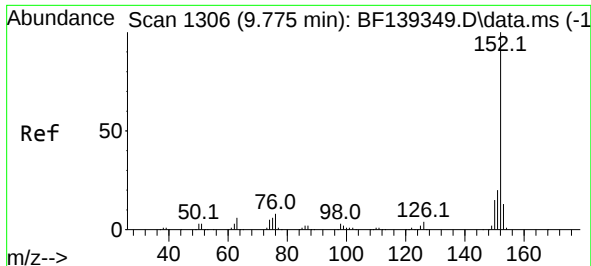
Ion Ratio Lower Upper

65 100

92 62.9 50.3 75.5

138 90.8 71.3 106.9





#49

Acenaphthylene

Concen: 63.627 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

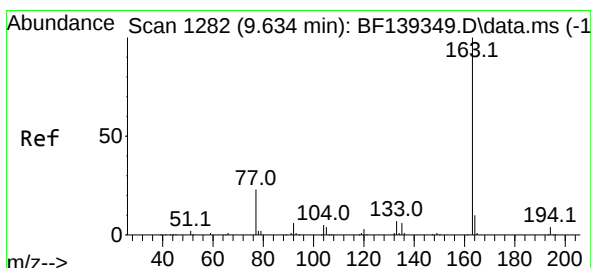
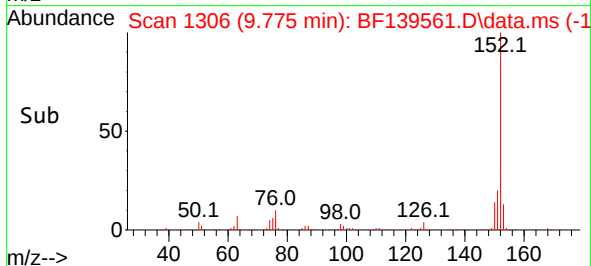
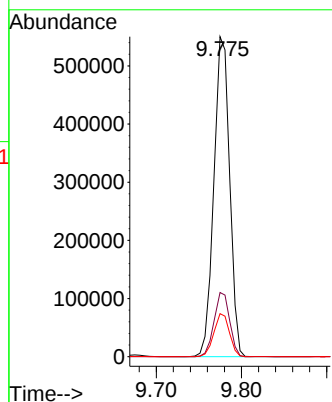
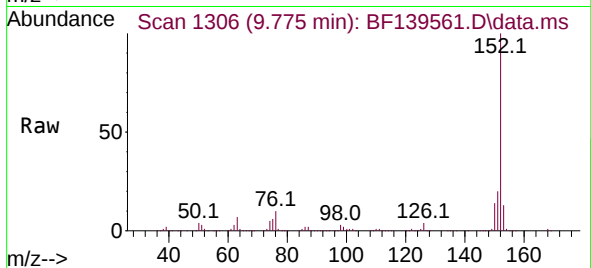
Tgt Ion:152 Resp: 709488

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.5 10.3 15.5



#50

Dimethylphthalate

Concen: 59.030 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

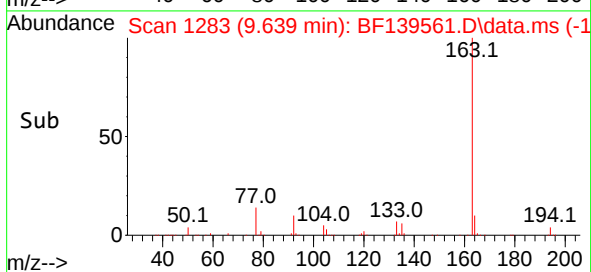
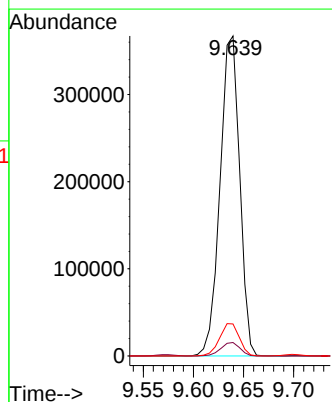
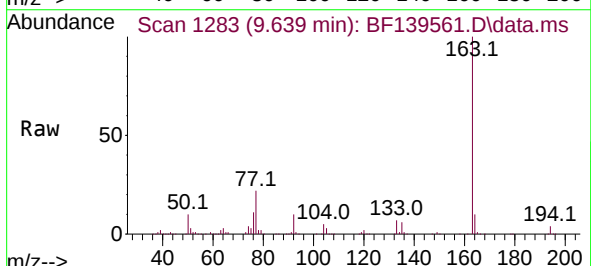
Tgt Ion:163 Resp: 498933

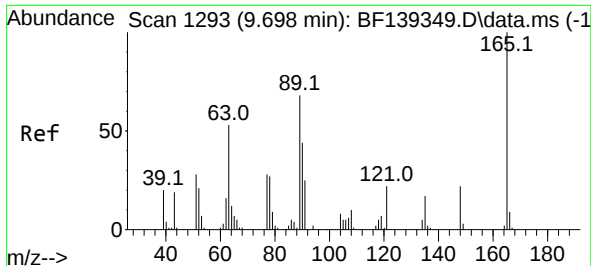
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.2 12.2

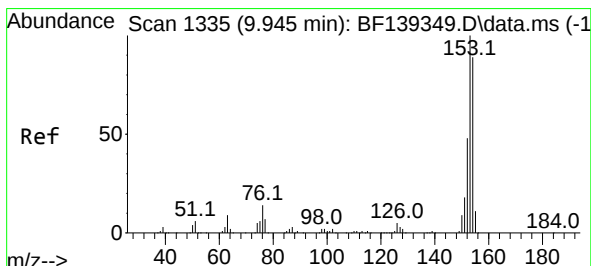
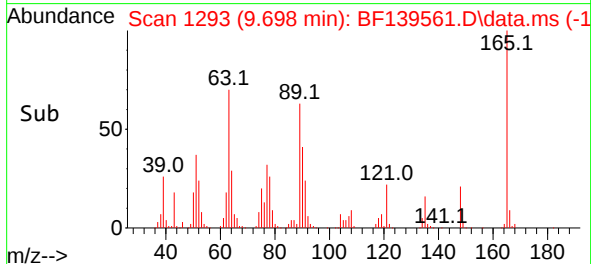
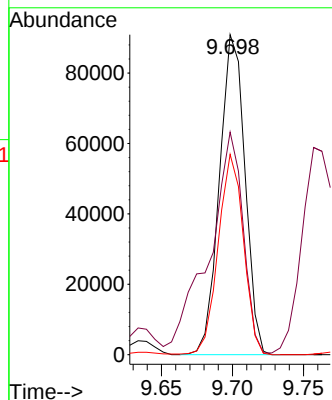
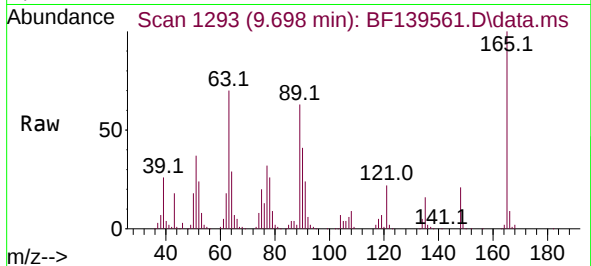




#51
2,6-Dinitrotoluene
Concen: 60.643 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

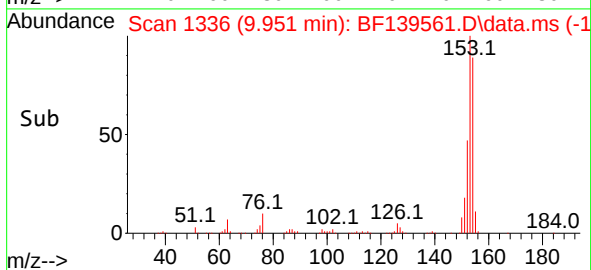
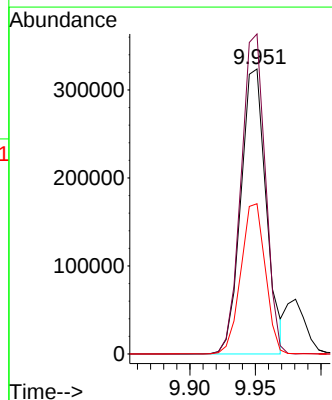
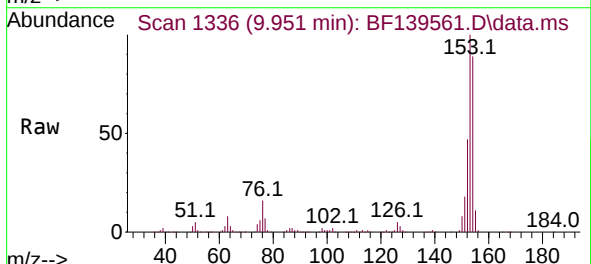
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

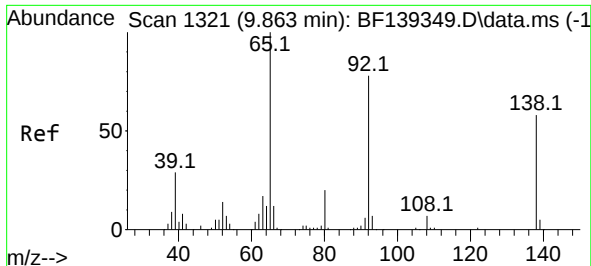
Tgt Ion:165 Resp: 113550
Ion Ratio Lower Upper
165 100
63 69.5 60.9 91.3
89 62.6 54.7 82.1



#52
Acenaphthene
Concen: 55.937 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:154 Resp: 435325
Ion Ratio Lower Upper
154 100
153 112.3 89.5 134.3
152 52.7 42.6 64.0

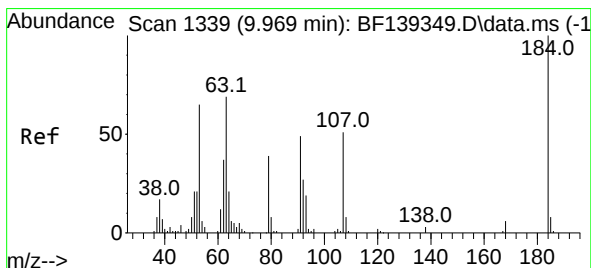
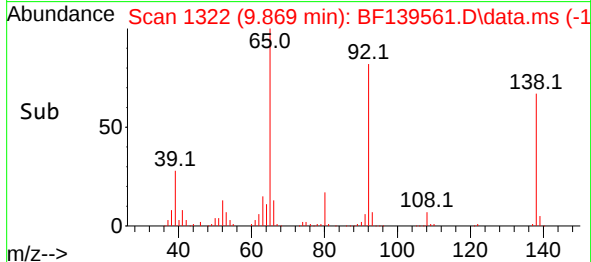
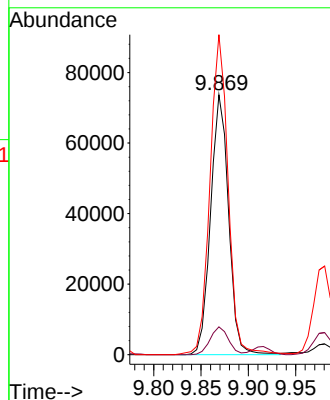
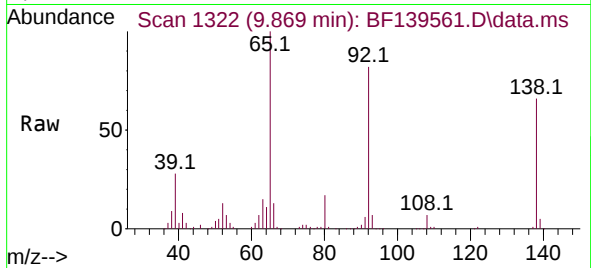




#53
3-Nitroaniline
Concen: 51.835 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

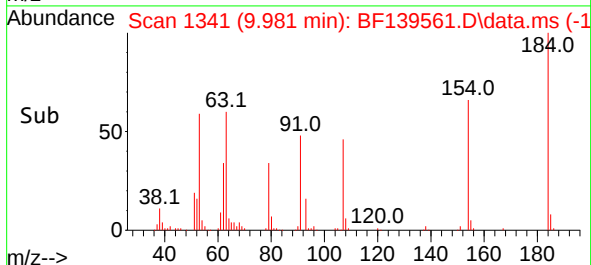
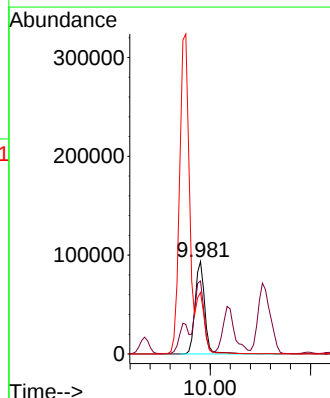
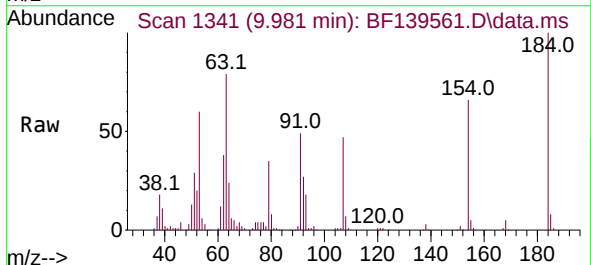
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

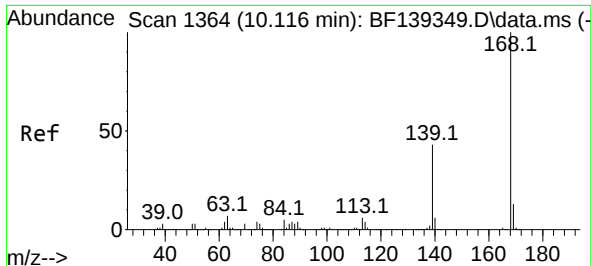
Tgt Ion:138 Resp: 96998
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.8
92 123.2 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 120.188 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:184 Resp: 125400
Ion Ratio Lower Upper
184 100
63 78.9 69.3 103.9
154 66.4 67.5 101.3#





#55

Dibenzofuran

Concen: 59.634 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

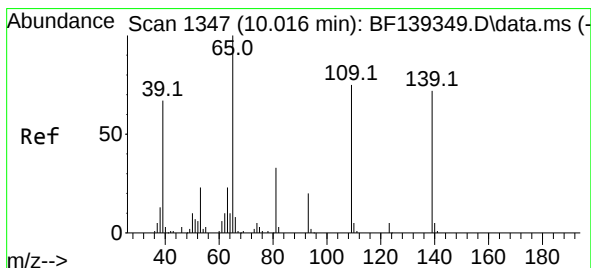
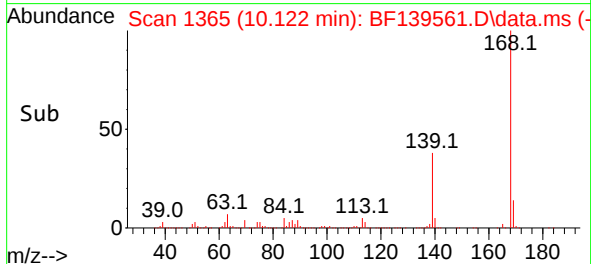
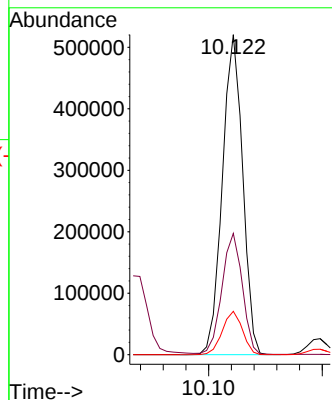
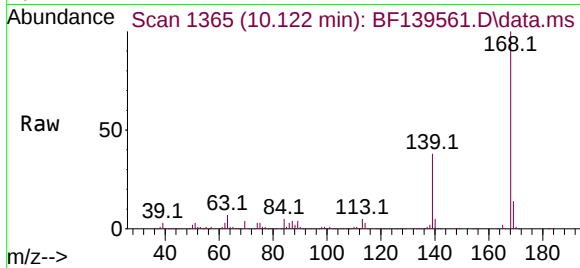
Tgt Ion:168 Resp: 646862

Ion Ratio Lower Upper

168 100

139 37.9 34.1 51.1

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 121.684 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.018 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

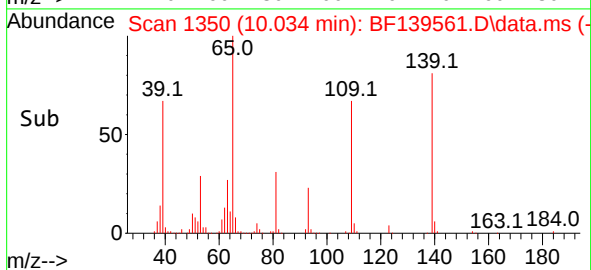
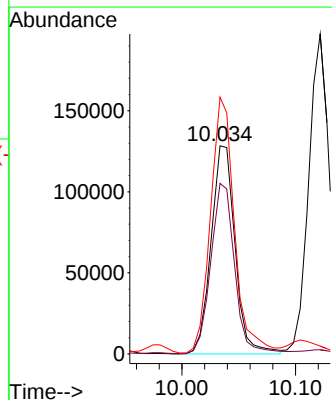
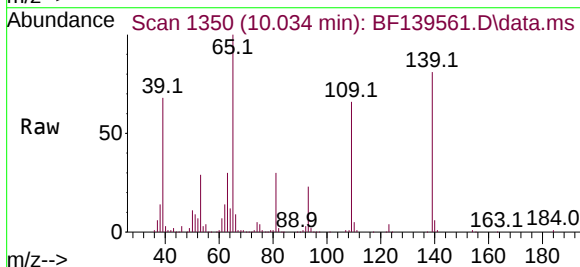
Tgt Ion:139 Resp: 188415

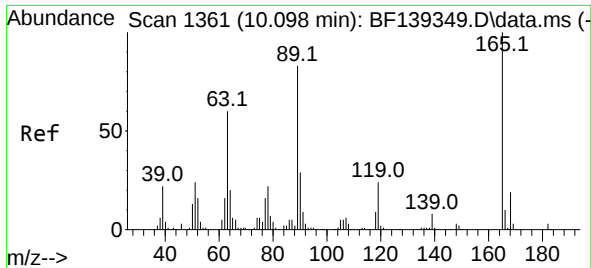
Ion Ratio Lower Upper

139 100

109 81.9 84.1 124.1#

65 123.4 120.0 160.0

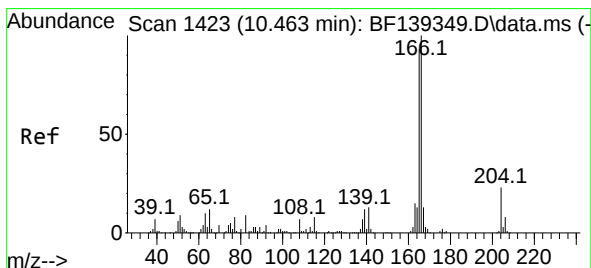
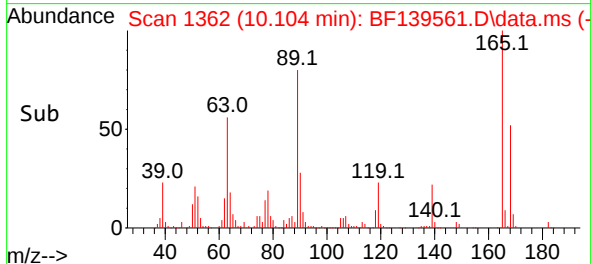
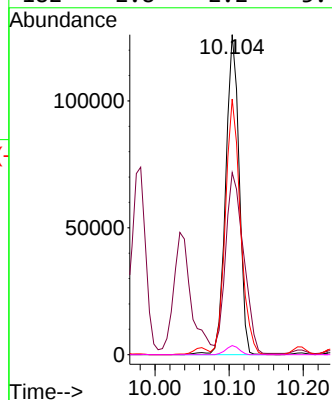
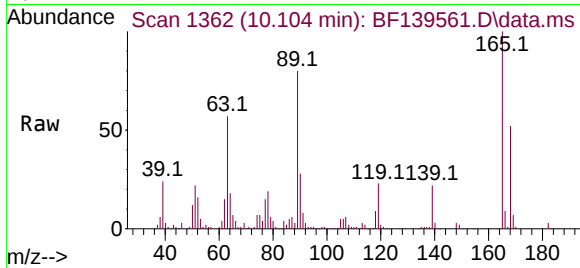




#57
2,4-Dinitrotoluene
Concen: 62.869 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

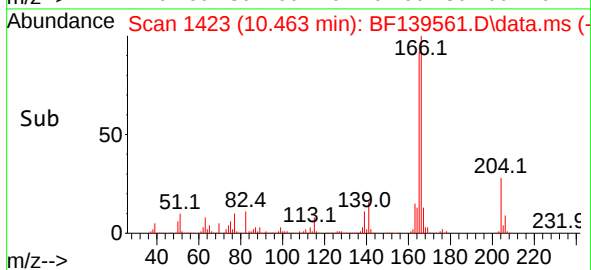
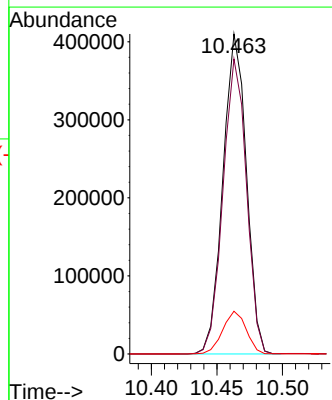
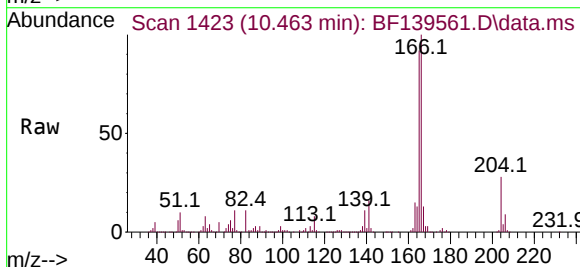
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Tgt Ion:165 Resp: 158929
Ion Ratio Lower Upper
165 100
63 56.9 47.8 71.6
89 79.9 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 57.569 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:166 Resp: 509501
Ion Ratio Lower Upper
166 100
165 92.2 74.5 111.7
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.644 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

Tgt Ion:232 Resp: 133562

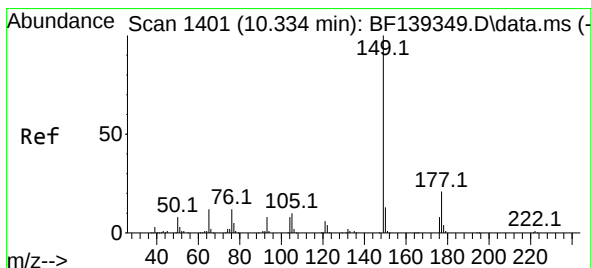
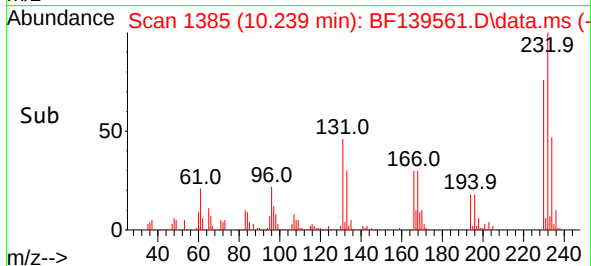
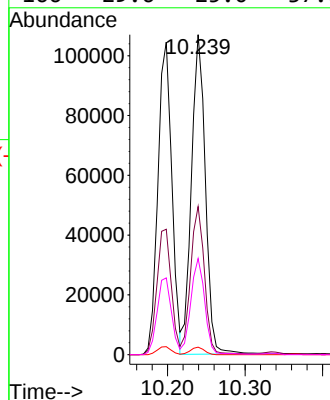
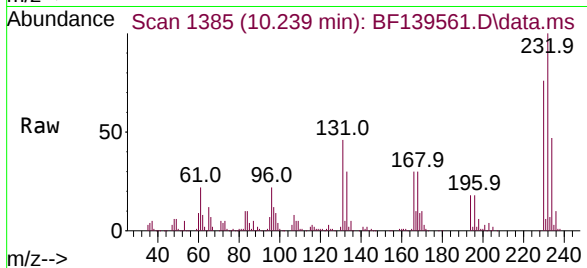
Ion Ratio Lower Upper

232 100

131 46.5 40.7 61.1

130 2.4 2.2 3.2

166 29.6 25.0 37.6



#60

Diethylphthalate

Concen: 57.312 ng

RT: 10.334 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

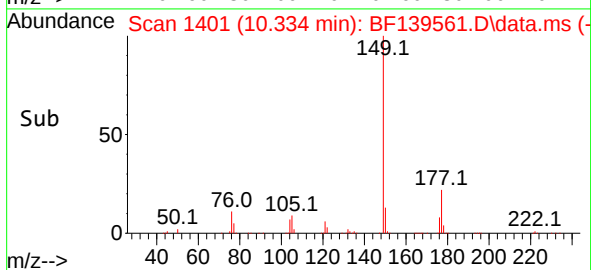
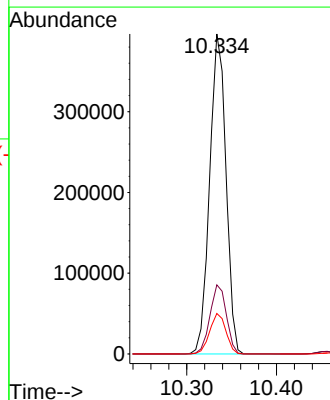
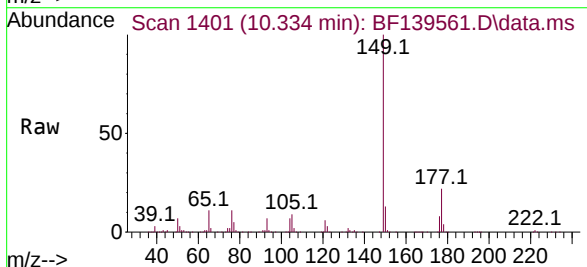
Tgt Ion:149 Resp: 499895

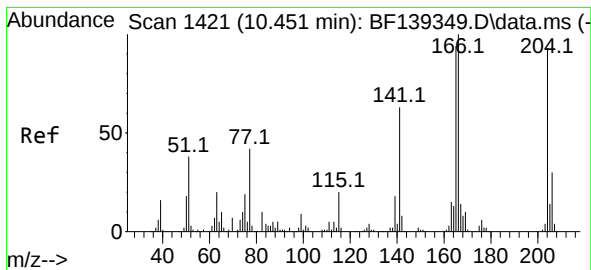
Ion Ratio Lower Upper

149 100

177 21.6 16.6 24.8

150 12.6 10.6 15.8

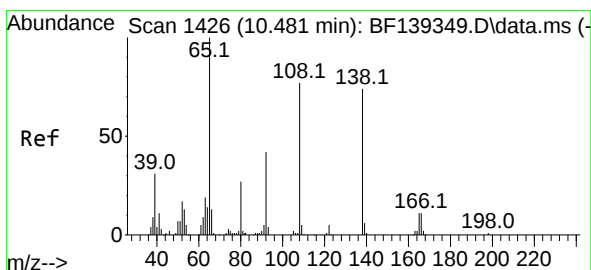
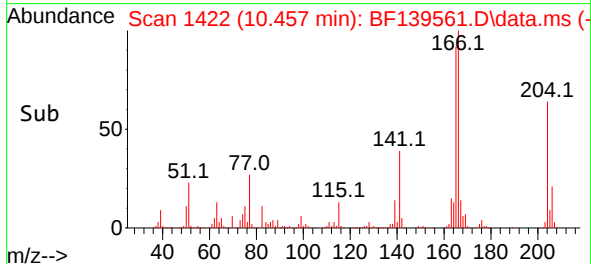
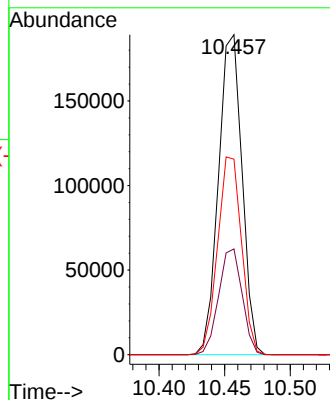
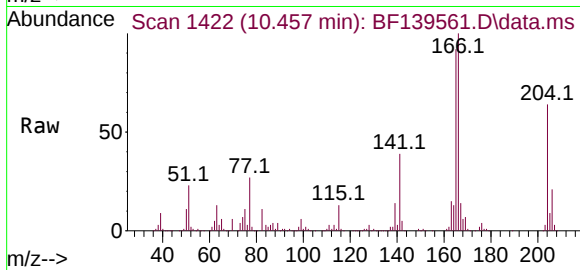




#61
4-Chlorophenyl-phenylether
Concen: 55.030 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

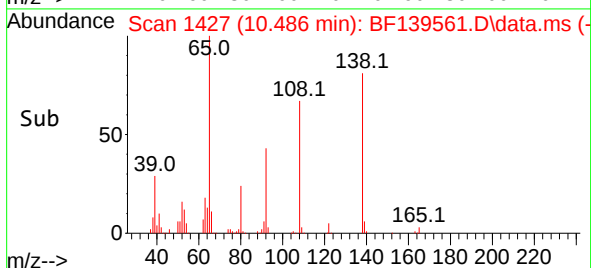
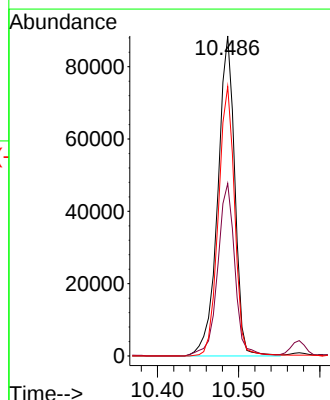
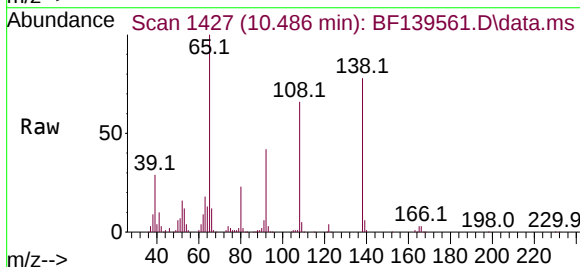
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

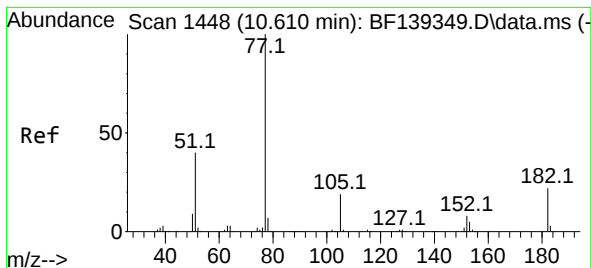
Tgt Ion:204 Resp: 236695
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.1 53.9 80.9



#62
4-Nitroaniline
Concen: 63.316 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:138 Resp: 129310
Ion Ratio Lower Upper
138 100
92 53.9 37.0 77.0
108 84.2 84.4 124.4#





#63

Azobenzene

Concen: 60.122 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

Tgt Ion: 77 Resp: 515786

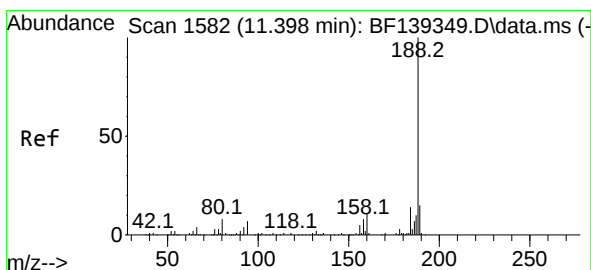
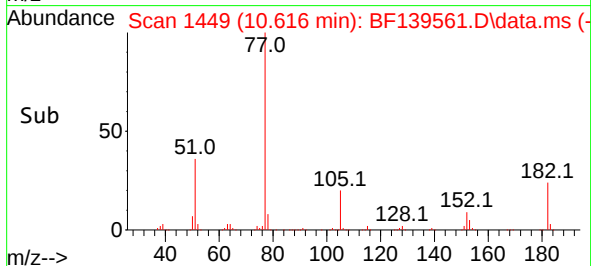
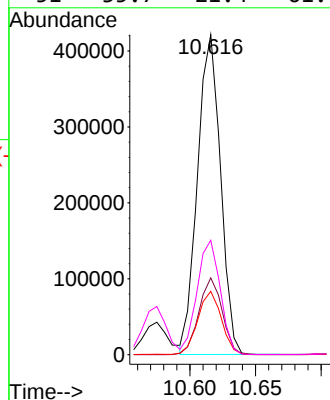
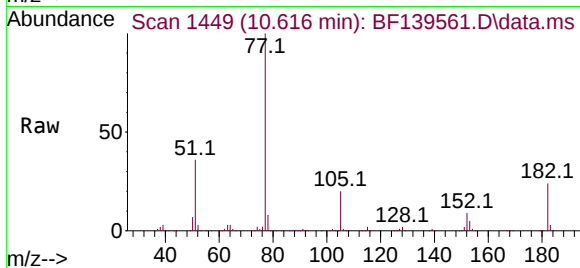
Ion Ratio Lower Upper

77 100

182 24.0 1.8 41.8

105 19.8 0.0 38.6

51 35.7 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

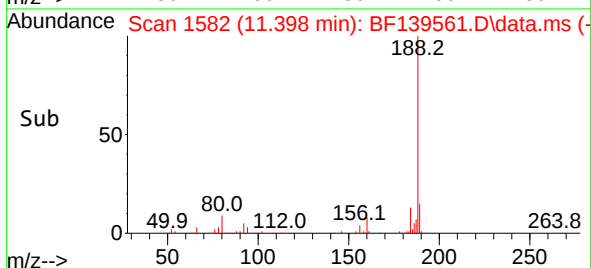
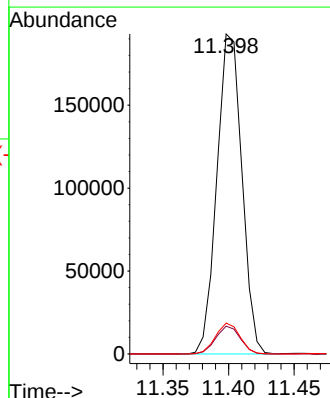
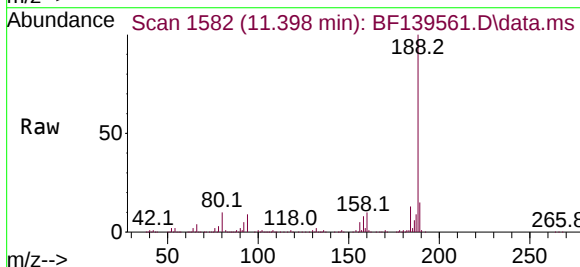
Tgt Ion:188 Resp: 255931

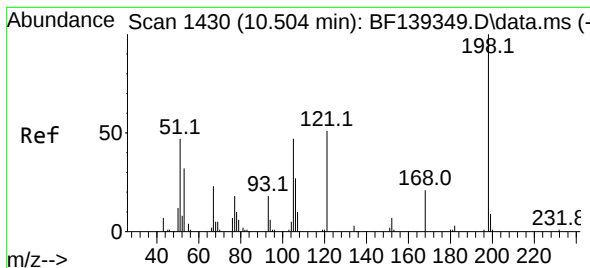
Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 9.7 6.6 9.8

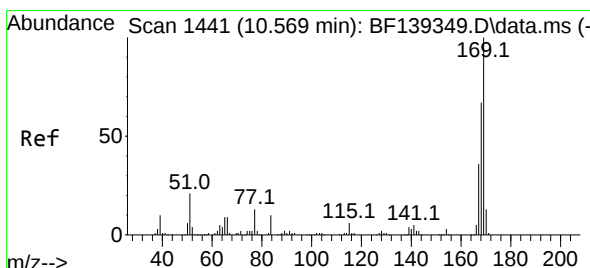
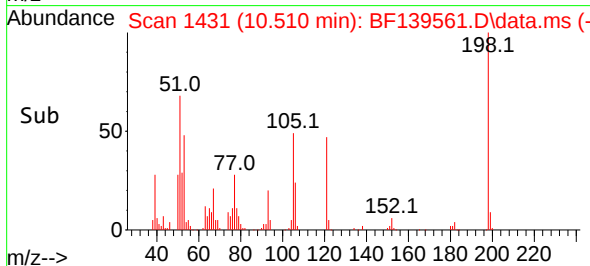
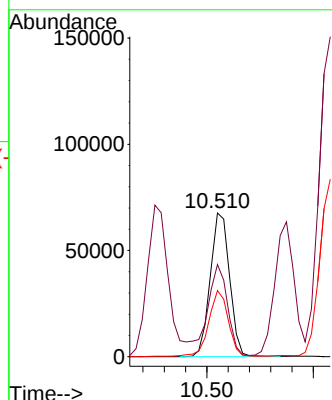
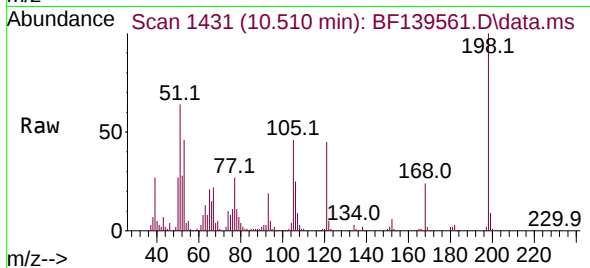




#65
4,6-Dinitro-2-methylphenol
Concen: 63.406 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

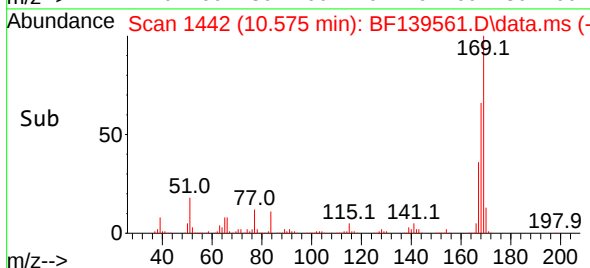
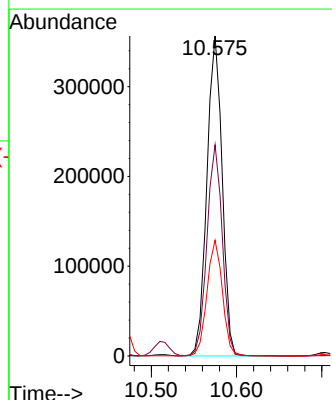
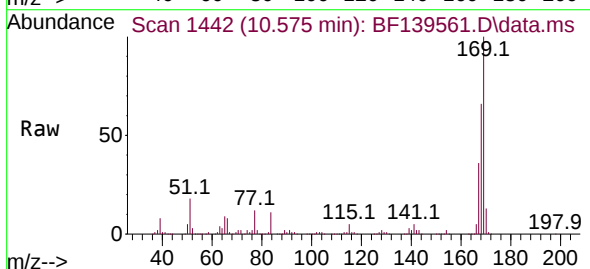
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

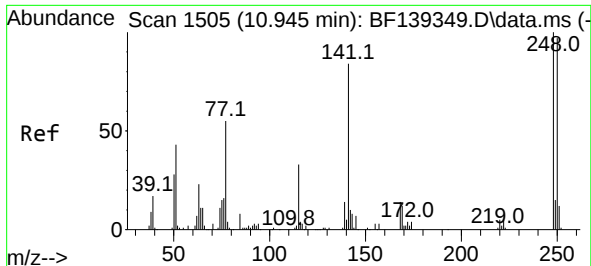
Tgt Ion:198 Resp: 85646
Ion Ratio Lower Upper
198 100
51 64.1 50.4 90.4
105 46.0 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 59.083 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:169 Resp: 442088
Ion Ratio Lower Upper
169 100
168 66.0 53.6 80.4
167 36.2 28.7 43.1

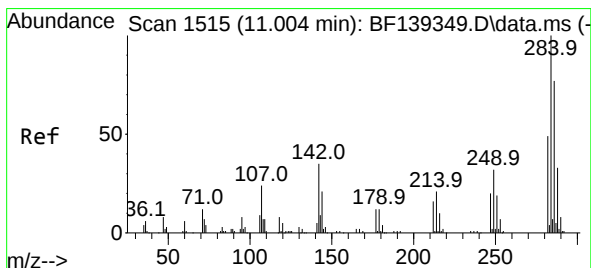
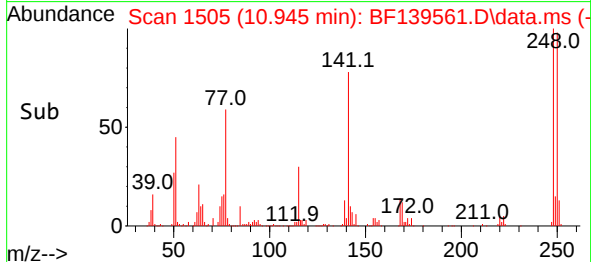
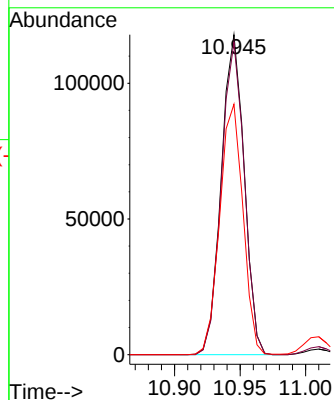
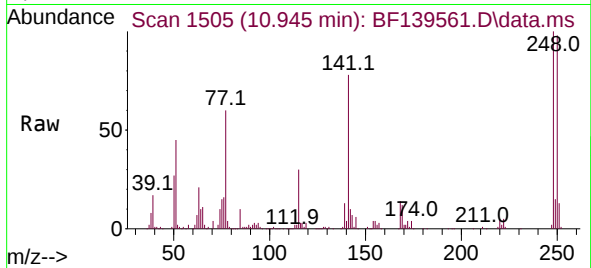




#67
4-Bromophenyl-phenylether
Concen: 56.432 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

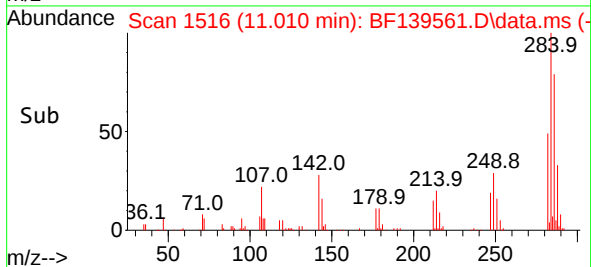
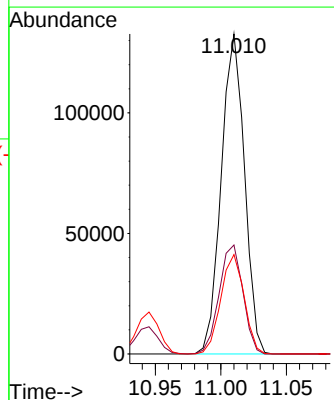
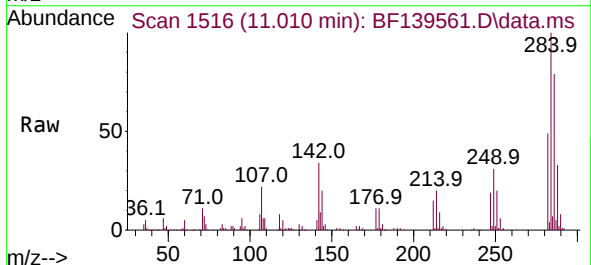
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

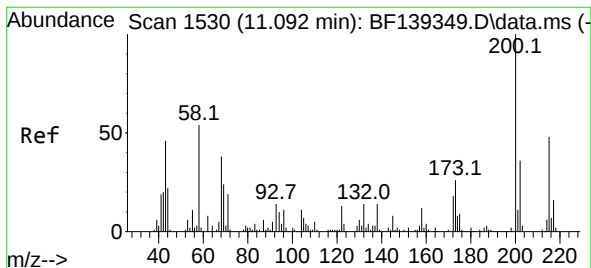
Tgt Ion:248 Resp: 143122
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 78.2 66.9 100.3



#68
Hexachlorobenzene
Concen: 54.877 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:284 Resp: 163345
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 78.925 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

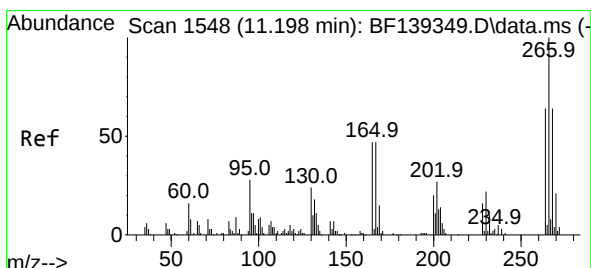
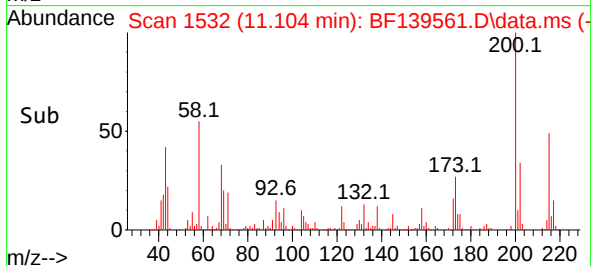
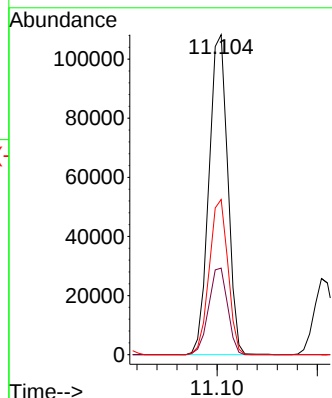
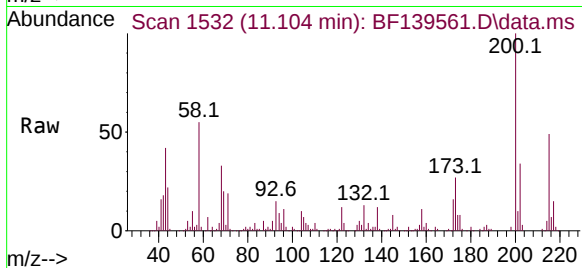
Tgt Ion:200 Resp: 140593

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

215 48.5 28.2 68.2



#70

Pentachlorophenol

Concen: 102.427 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

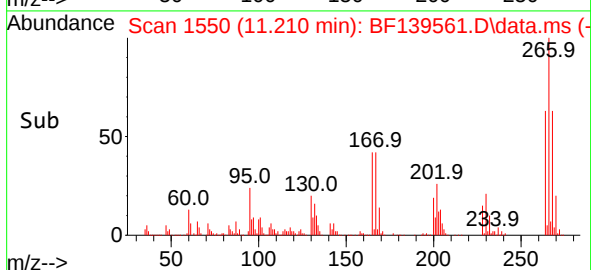
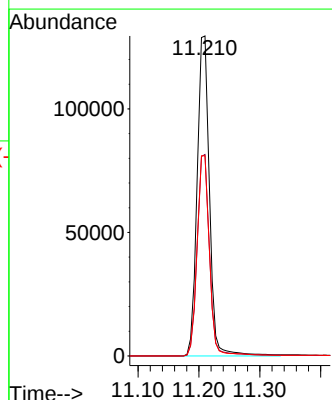
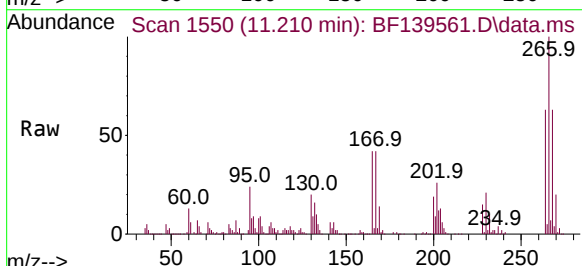
Tgt Ion:266 Resp: 182941

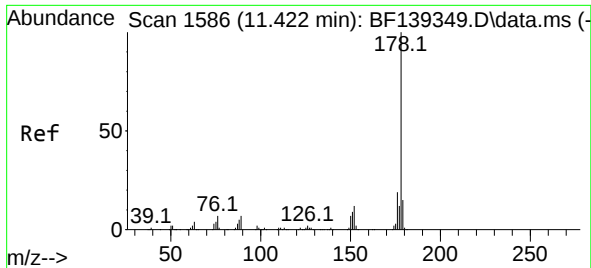
Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

264 62.6 51.4 77.0

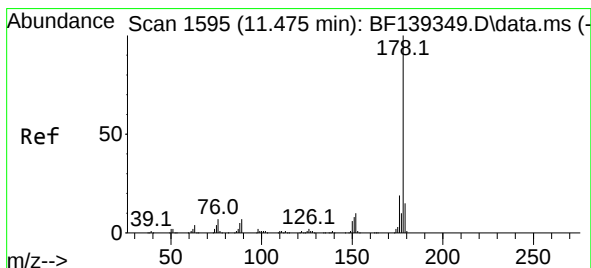
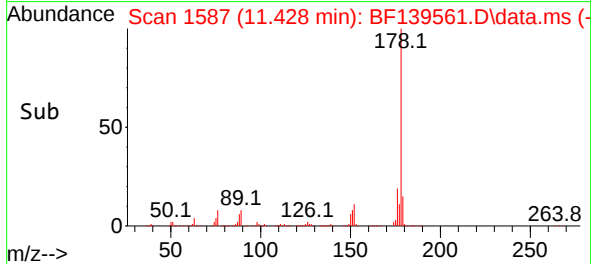
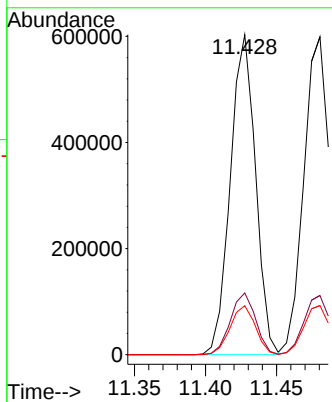
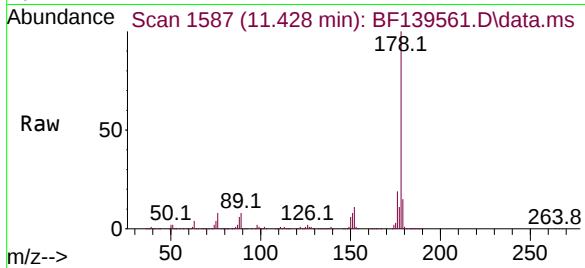




#71
Phenanthrene
Concen: 60.387 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

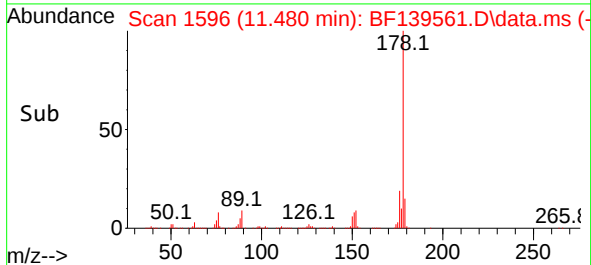
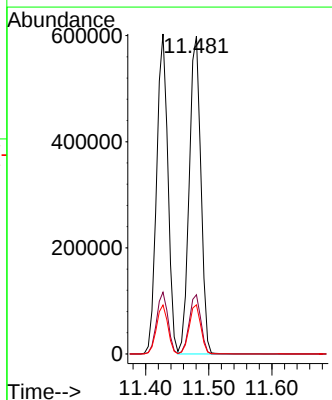
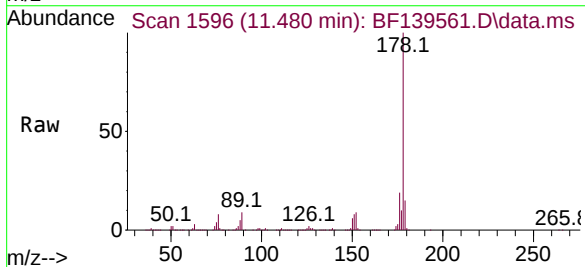
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

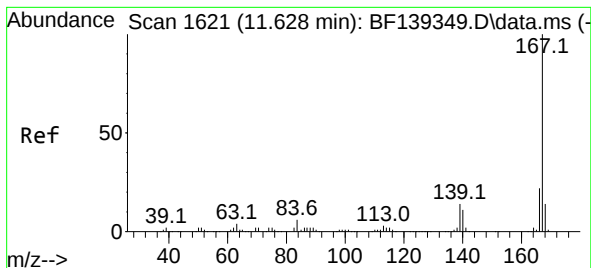
Tgt Ion:178 Resp: 745640
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 63.315 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:178 Resp: 764375
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.5 12.0 18.0





#73

Carbazole

Concen: 61.659 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

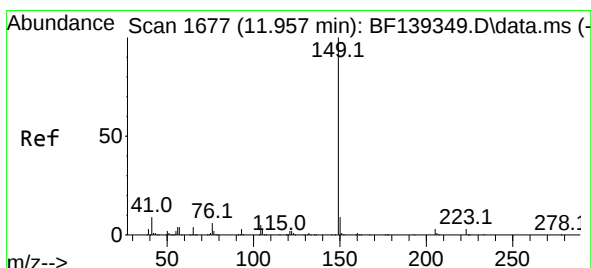
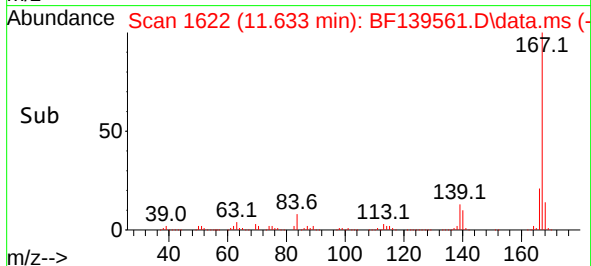
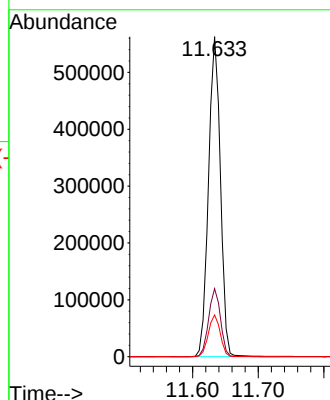
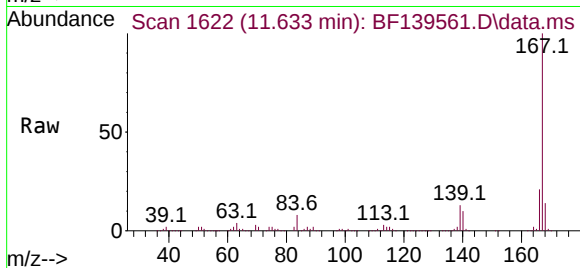
Tgt Ion:167 Resp: 712446

Ion Ratio Lower Upper

167 100

166 21.2 17.5 26.3

139 13.1 10.9 16.3



#74

Di-n-butylphthalate

Concen: 59.307 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

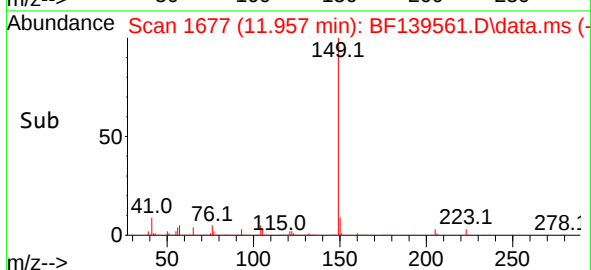
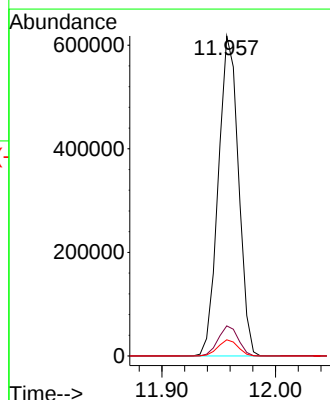
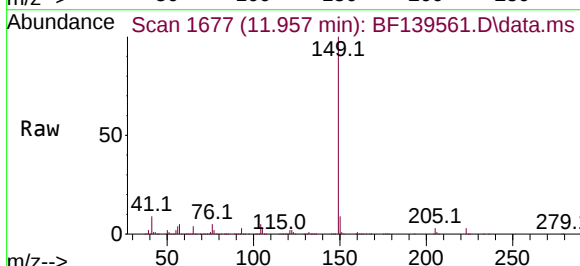
Tgt Ion:149 Resp: 763370

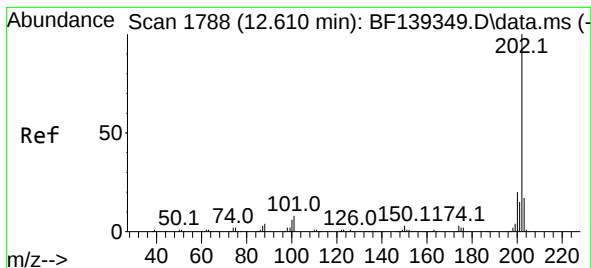
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.0 4.3 6.5

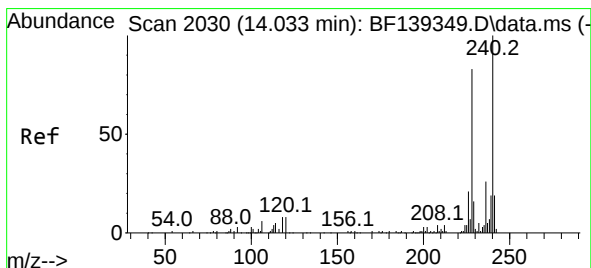
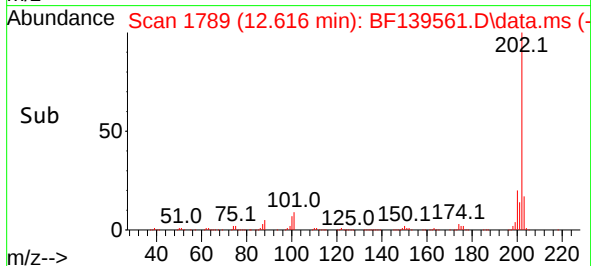
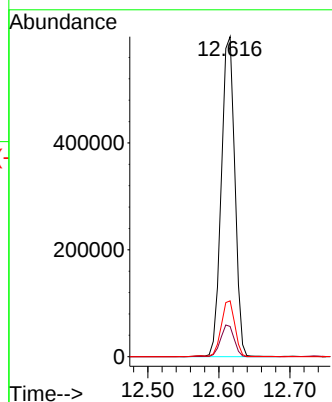
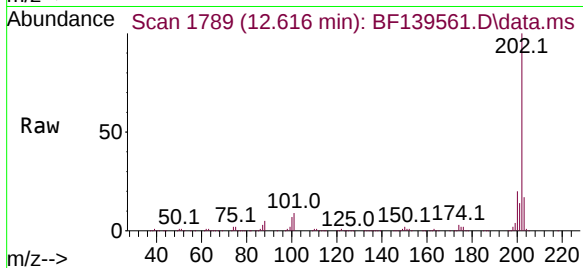




#75
Fluoranthene
Concen: 59.817 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

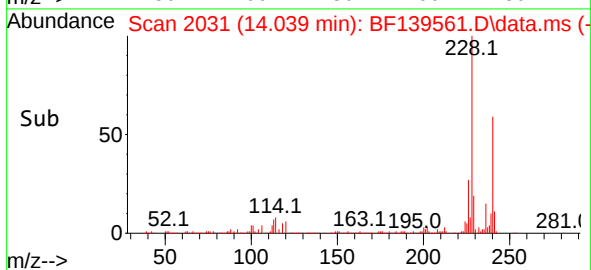
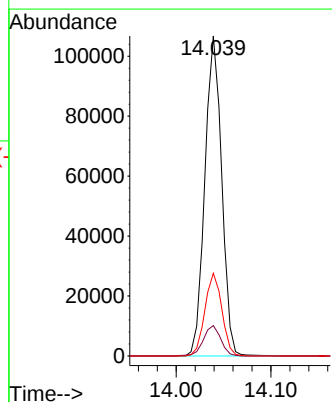
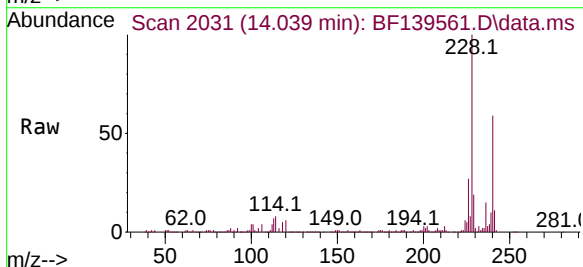
Instrument :
BNA_F
ClientSampleId :
TP-TMSD

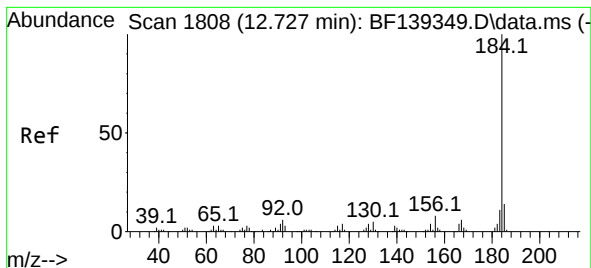
Tgt Ion:202 Resp: 788764
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:240 Resp: 131459
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.9 20.9 31.3





#77

Benzidine

Concen: 150.761 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

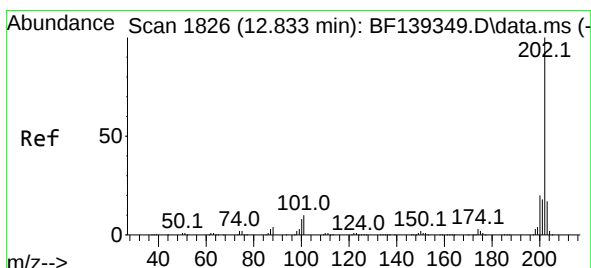
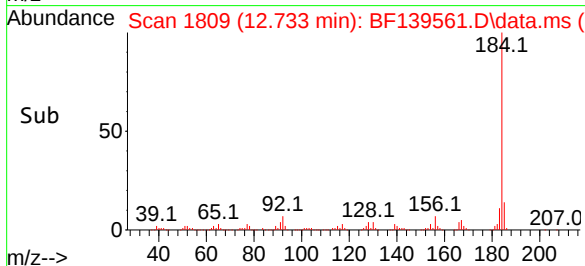
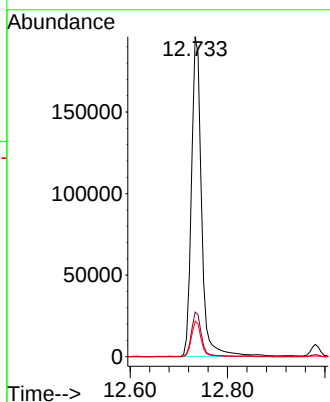
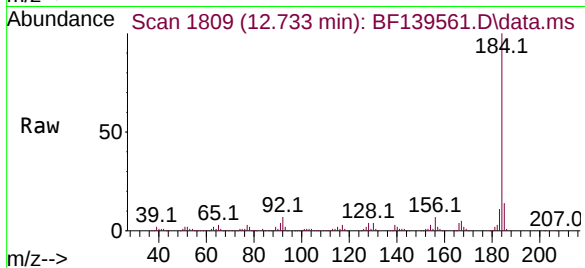
Tgt Ion:184 Resp: 283946

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 70.806 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

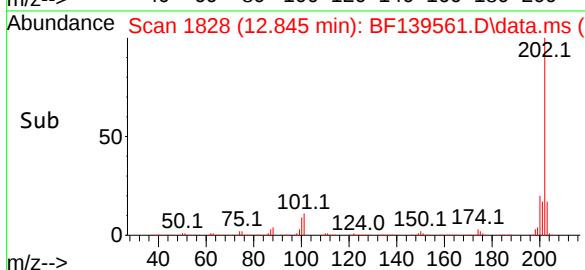
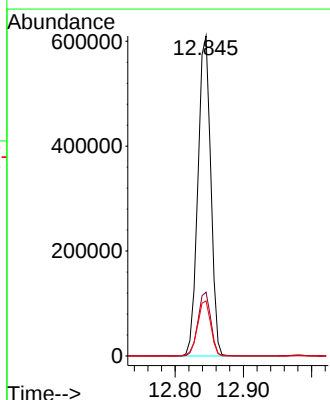
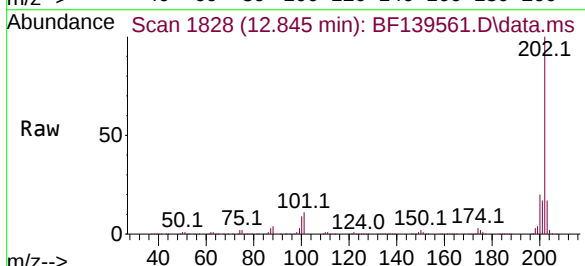
Tgt Ion:202 Resp: 799228

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 75.403 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139561.D

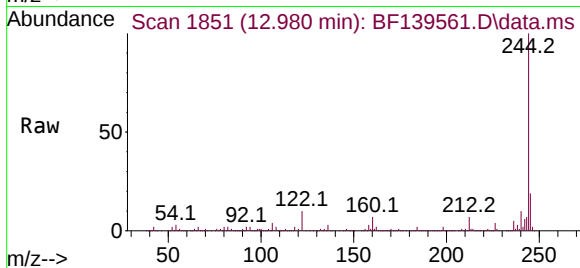
Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD



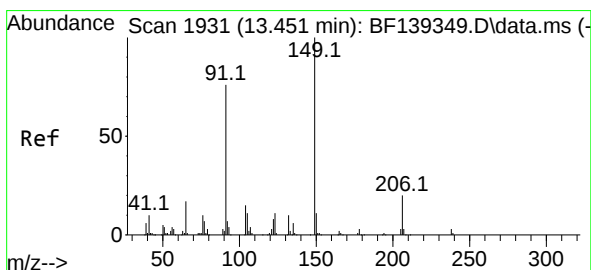
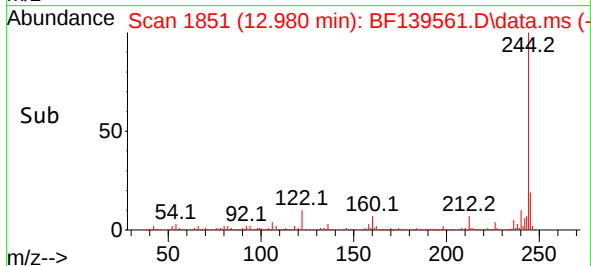
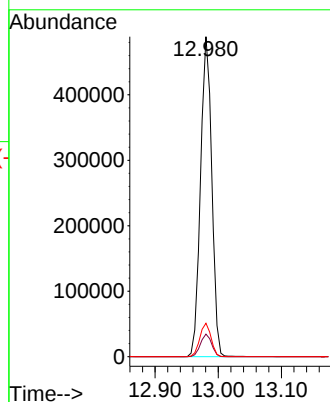
Tgt Ion:244 Resp: 603902

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 66.567 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

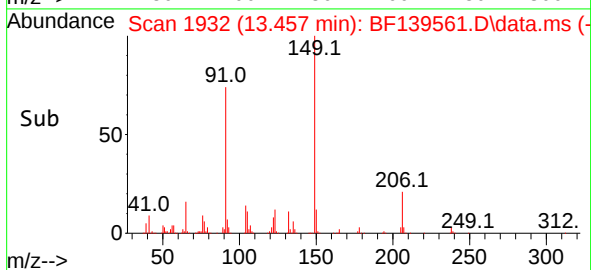
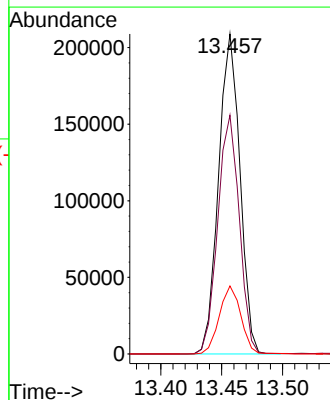
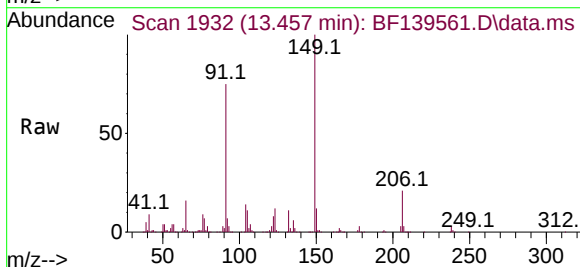
Tgt Ion:149 Resp: 255755

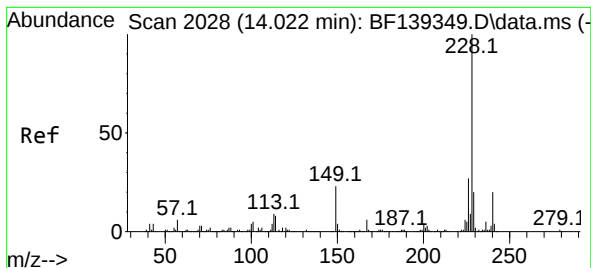
Ion Ratio Lower Upper

149 100

91 74.6 60.9 91.3

206 21.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 61.229 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

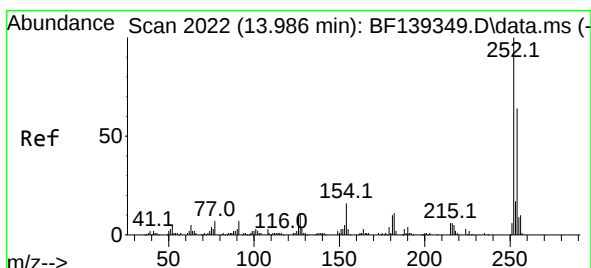
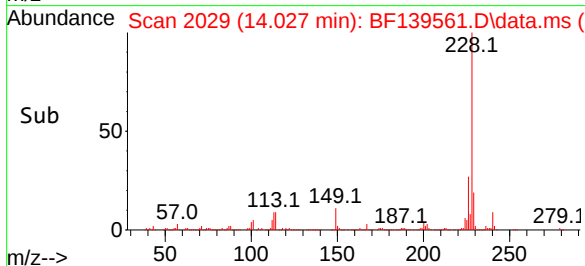
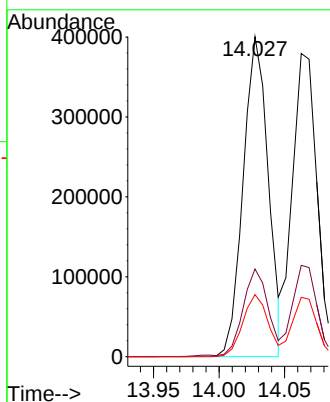
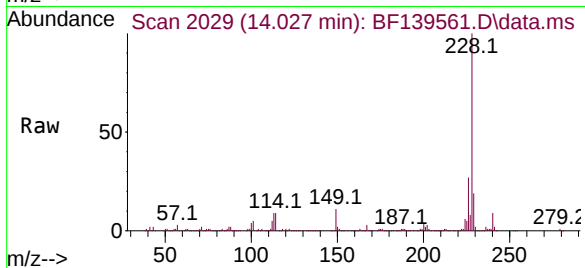
Tgt Ion:228 Resp: 533175

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 52.793 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

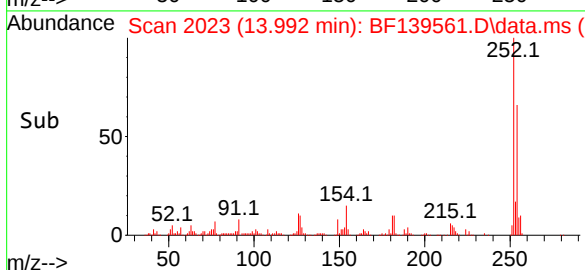
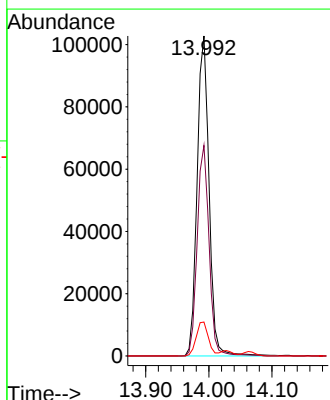
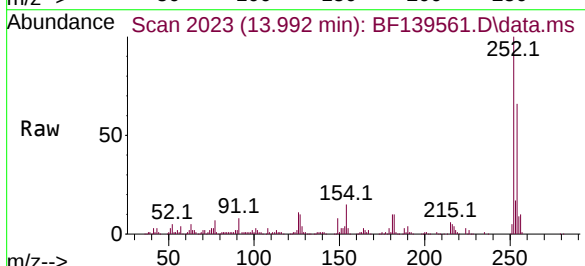
Tgt Ion:252 Resp: 134626

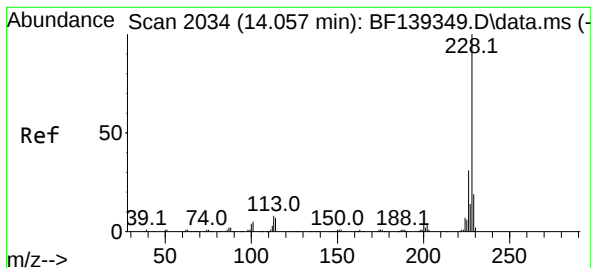
Ion Ratio Lower Upper

252 100

254 65.8 51.4 77.2

126 10.6 7.7 11.5





#83

Chrysene

Concen: 61.797 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

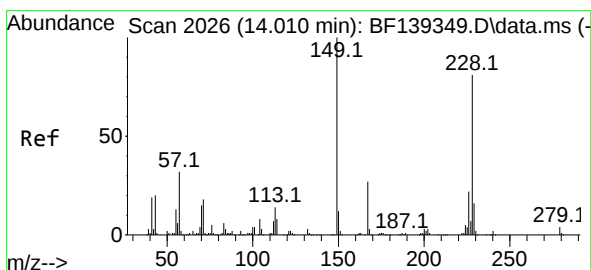
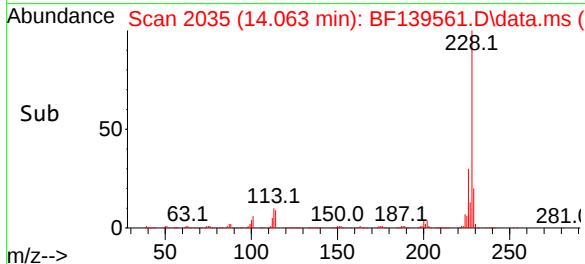
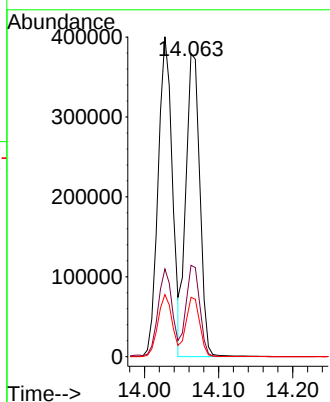
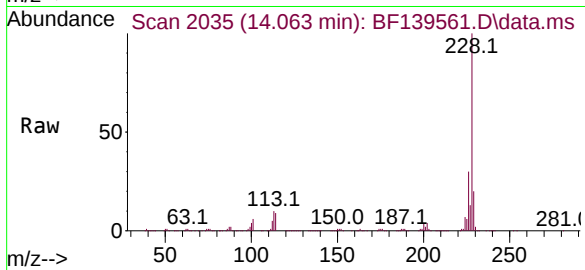
Tgt Ion:228 Resp: 495072

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.732 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

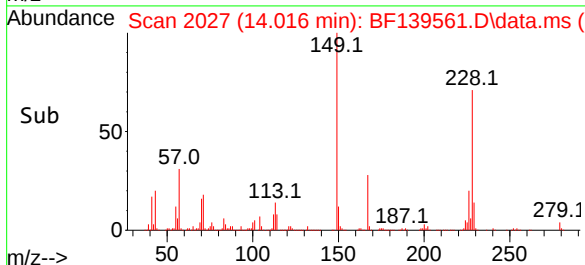
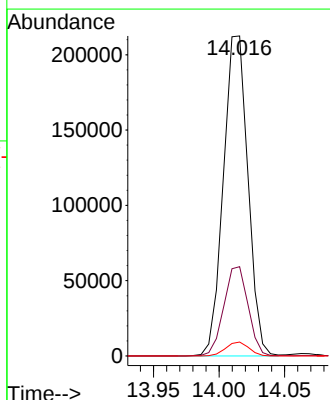
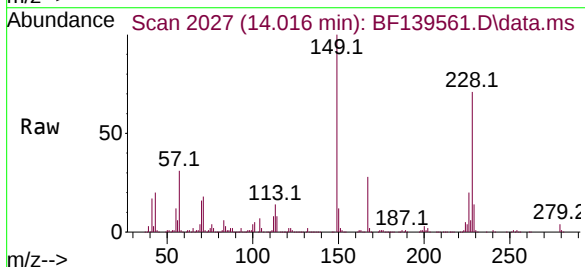
Tgt Ion:149 Resp: 277281

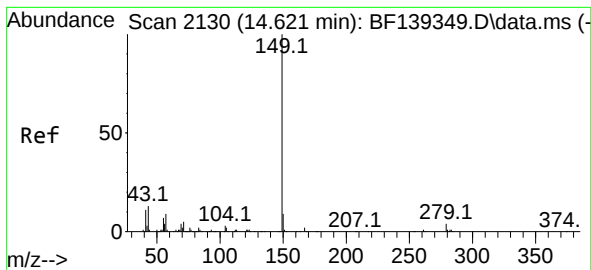
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.842 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

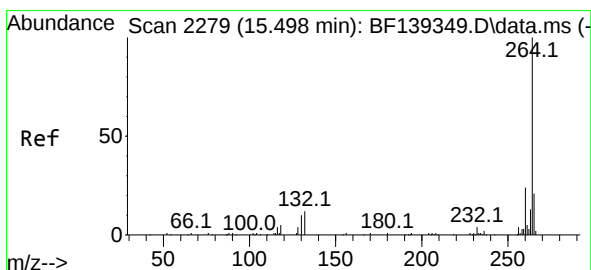
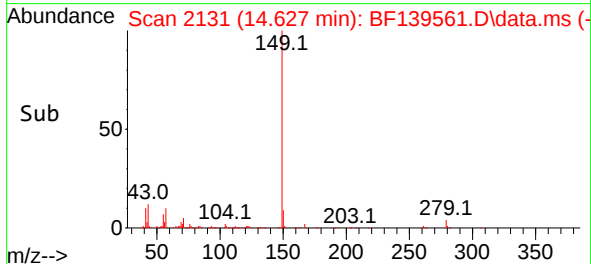
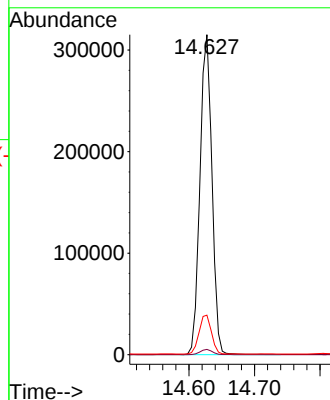
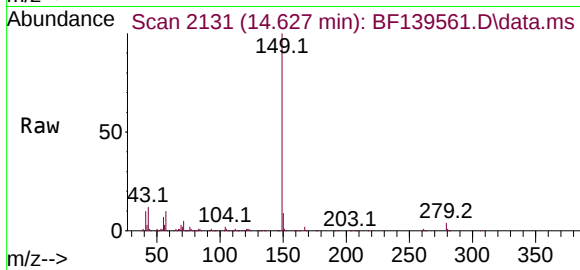
Tgt Ion:149 Resp: 401952

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.6 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

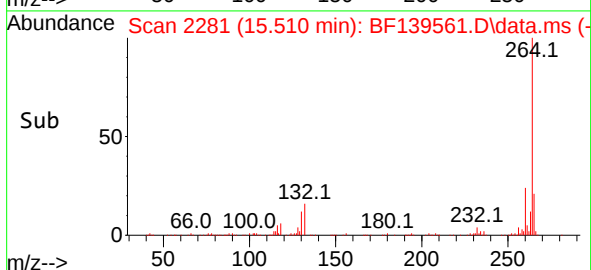
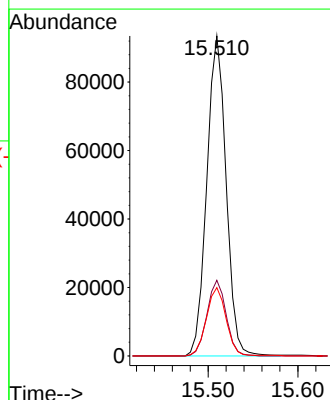
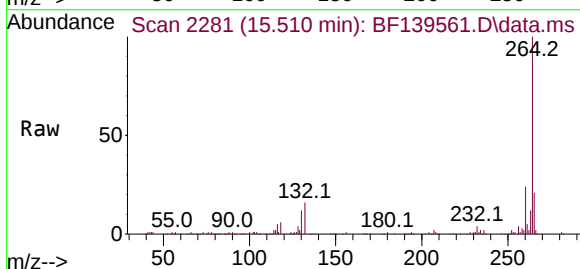
Tgt Ion:264 Resp: 139714

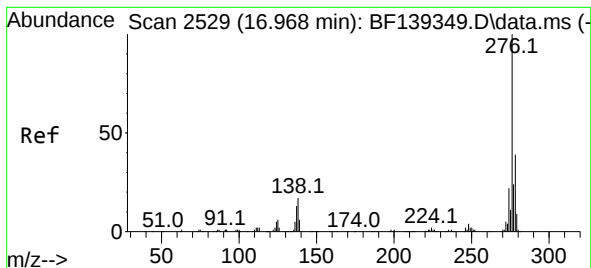
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.003 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

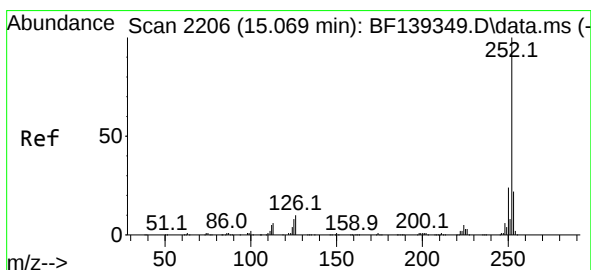
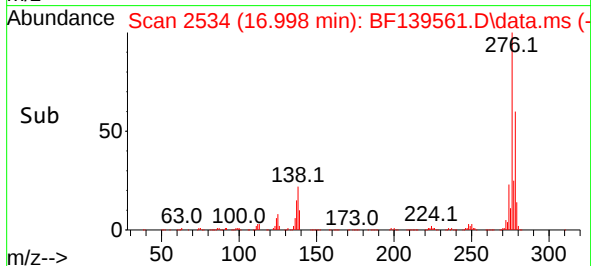
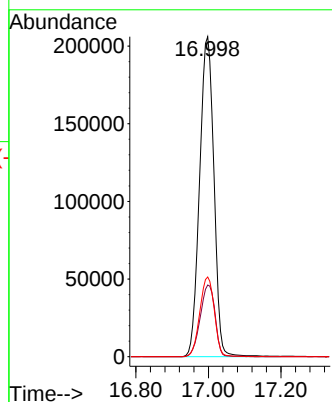
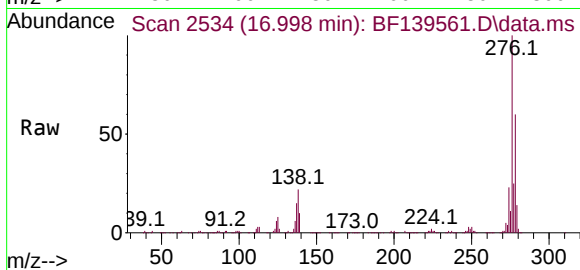
Tgt Ion:276 Resp: 564957

Ion Ratio Lower Upper

276 100

138 23.3 15.4 23.2#

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 61.581 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

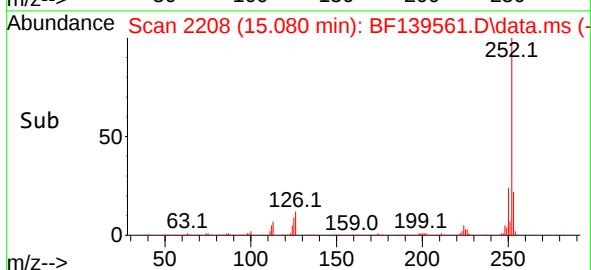
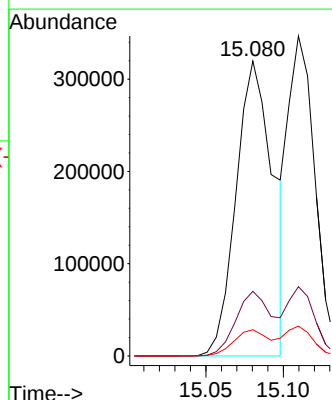
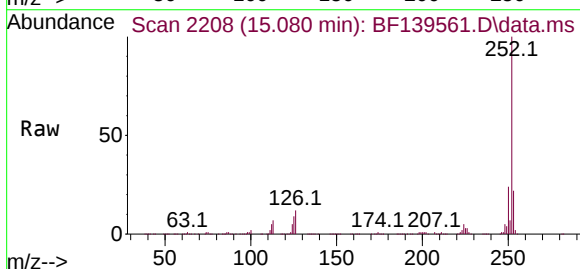
Tgt Ion:252 Resp: 530619

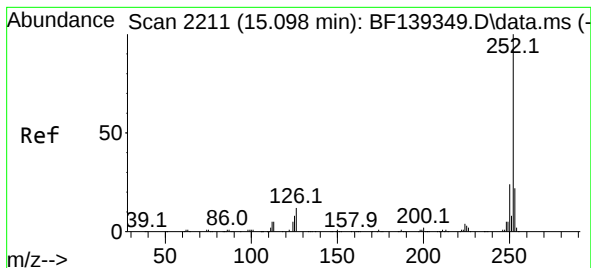
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.871 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

Instrument :

BNA_F

ClientSampleId :

TP-TMSD

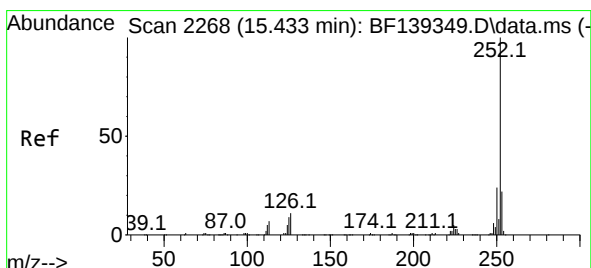
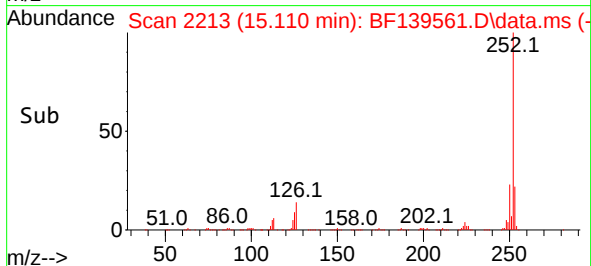
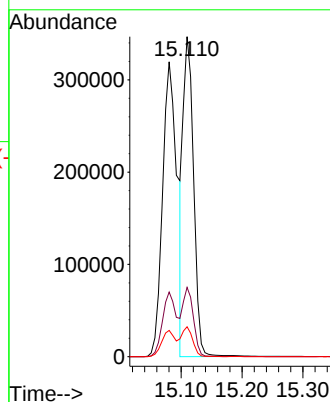
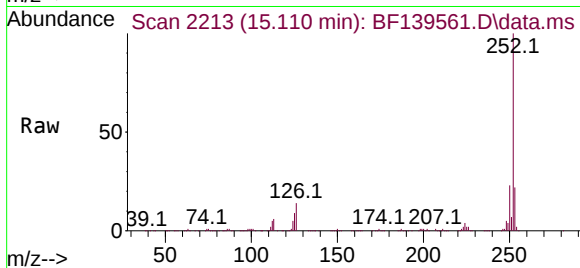
Tgt Ion:252 Resp: 420048

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.4 5.9 8.9#



#90

Benzo(a)pyrene

Concen: 65.344 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139561.D

Acq: 26 Sep 2024 22:21

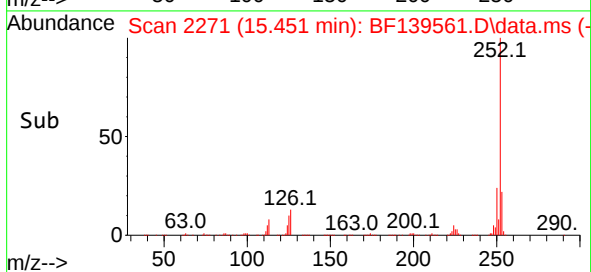
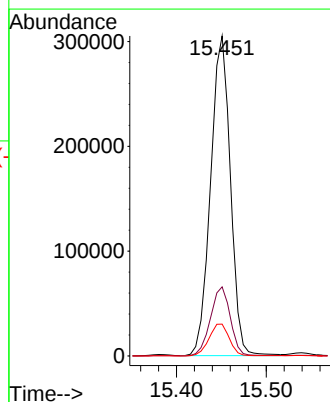
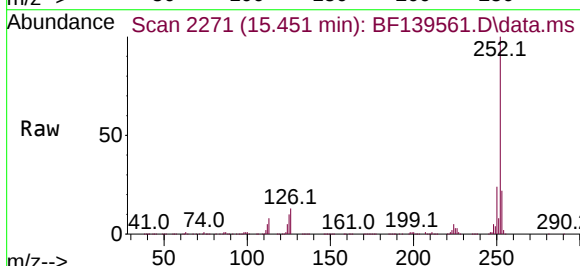
Tgt Ion:252 Resp: 466962

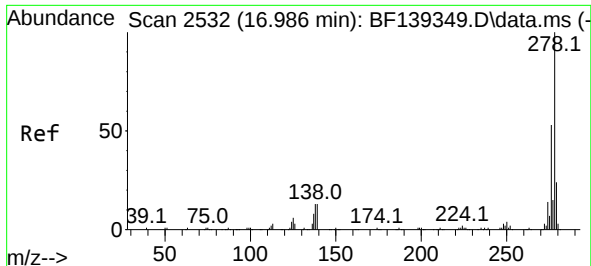
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.0 6.8 10.2

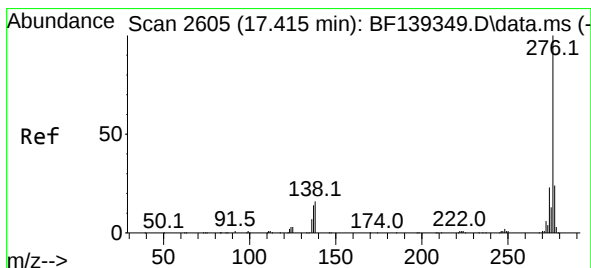
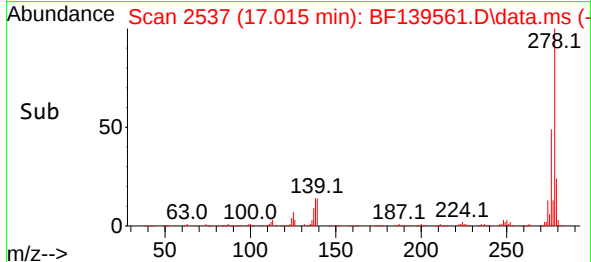
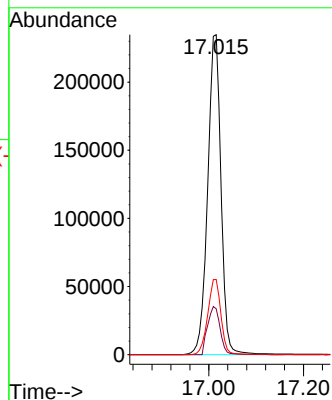
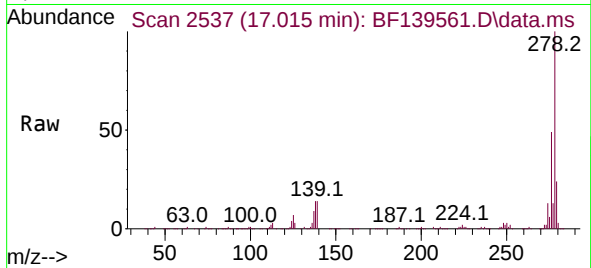




#91
Dibenzo(a,h)anthracene
Concen: 66.824 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Tgt Ion:278 Resp: 458745
Ion Ratio Lower Upper
278 100
139 14.3 10.2 15.2
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 61.060 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.029 min
Lab File: BF139561.D
Acq: 26 Sep 2024 22:21

Tgt Ion:276 Resp: 415034
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 20.7 13.0 19.6#

