

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139380.D
 Acq On : 16 Sep 2024 13:13
 Operator : RC/JU
 Sample : P3845-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

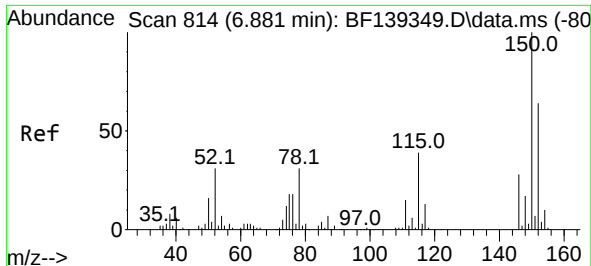
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Sep 16 14:01:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

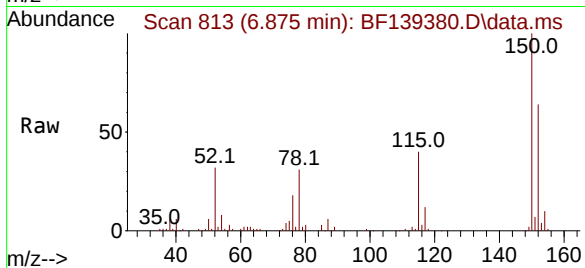
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53717	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	197693	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	111417	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205713	20.000	ng	0.00
76) Chrysene-d12	14.027	240	127464	20.000	ng	0.00
86) Perylene-d12	15.498	264	107390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	81036	24.610	ng	0.00
7) Phenol-d6	6.492	99	107117	24.784	ng	-0.01
23) Nitrobenzene-d5	7.433	82	72704	17.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	30178	25.442	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	144091	18.138	ng	0.00
79) Terphenyl-d14	12.974	244	147214	18.957	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.657	128	97582	28.789	ng	99
10) Phenol	6.510	94	100447	22.819	ng	98
15) Benzyl Alcohol	7.122	79	32132	9.318	ng	# 1
17) 2-Methylphenol	7.122	107	53975	20.043	ng	99
19) n-Nitroso-di-n-propyla...	7.433	70	9940	3.881	ng	# 79
20) 3+4-Methylphenols	7.122	107	53975	14.691	ng	# 56
25) Isophorone	7.433	82	72703	10.932	ng	# 66
26) 2-Nitrophenol	7.769	139	33311	19.755	ng	98
27) 2,4-Dimethylphenol	7.804	122	28375	12.757	ng	98
29) 2,4-Dichlorophenol	8.010	162	27945	9.890	ng	98
32) Benzoic acid	7.804	122	28375	13.632	ng	# 11
35) Caprolactam	8.698	113	2771	3.188	ng	# 11
36) 4-Chloro-3-methylphenol	8.698	107	92018	28.495	ng	99
37) 2-Methylnaphthalene	8.698	142	64045	9.777	ng	# 16
38) 1-Methylnaphthalene	8.698	142	61644	9.585	ng	# 15
43) 2,4,6-Trichlorophenol	9.145	196	62186	28.947	ng	98
44) 2,4,5-Trichlorophenol	9.180	196	26419	11.658	ng	98
51) 2,6-Dinitrotoluene	9.910	165	14580	9.000	ng	# 14
52) Acenaphthene	9.963	154	15064	2.237	ng	# 5
54) 2,4-Dinitrophenol	9.963	184	19289	21.368	ng	94
56) 4-Nitrophenol	10.010	139	38922	29.054	ng	95
57) 2,4-Dinitrotoluene	9.910	165	14580	6.666	ng	# 16
59) 2,3,4,6-Tetrachlorophenol	10.227	232	37016	19.746	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	21982	20.246	ng	98
70) Pentachlorophenol	11.192	266	9184	6.397	ng	97

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

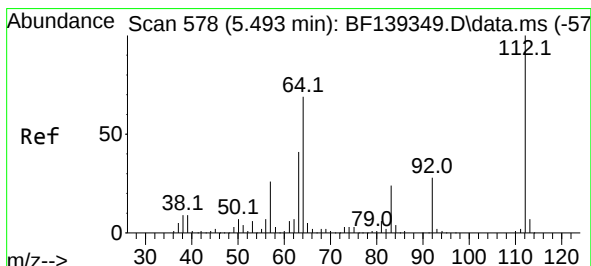
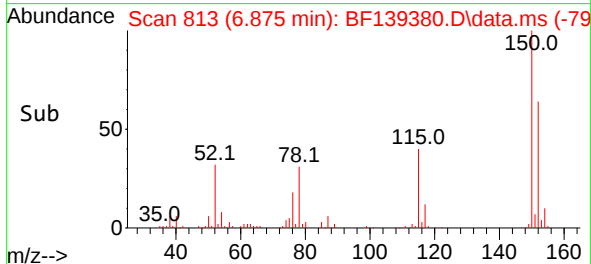
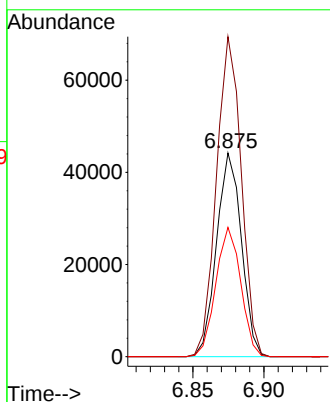


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

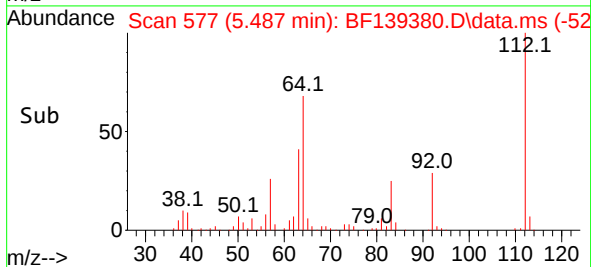
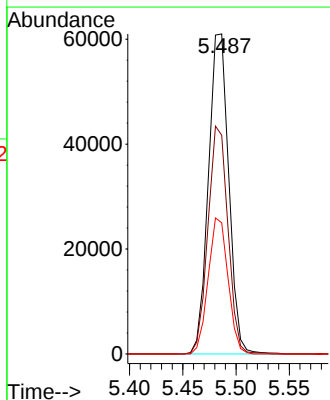
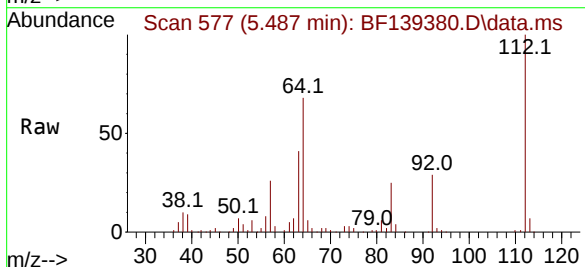


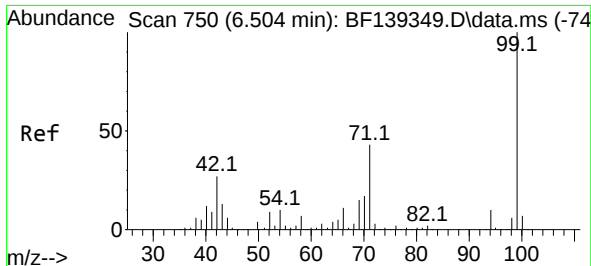
Tgt Ion:152 Resp: 53717
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 24.610 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:112 Resp: 81036
Ion Ratio Lower Upper
112 100
64 68.3 54.8 82.2
63 41.0 33.0 49.4

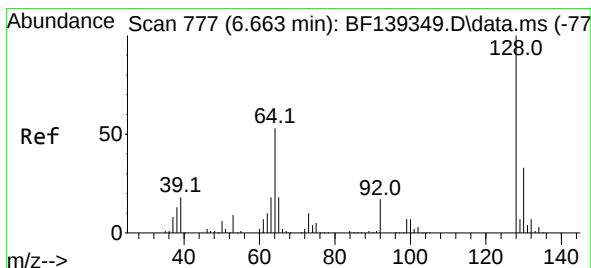
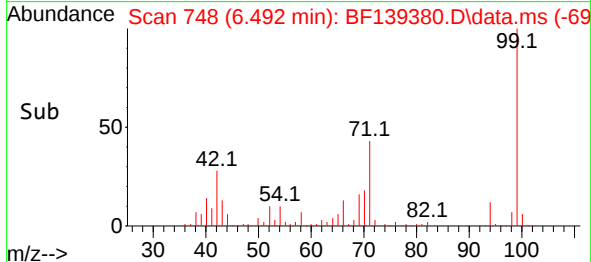
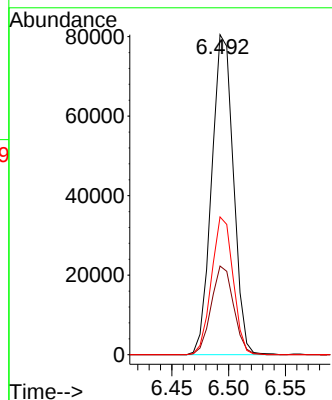
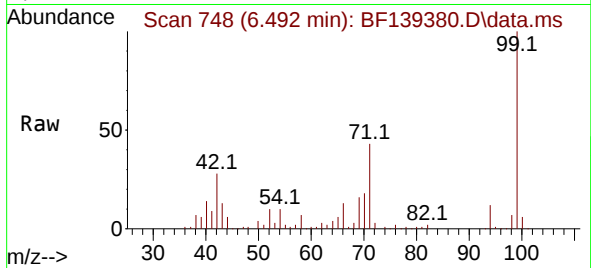




#7
Phenol-d6
Concen: 24.784 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

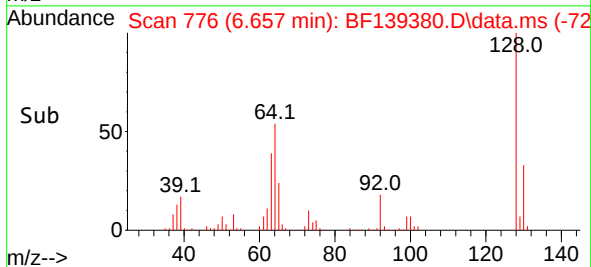
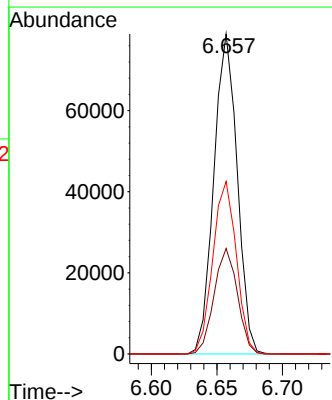
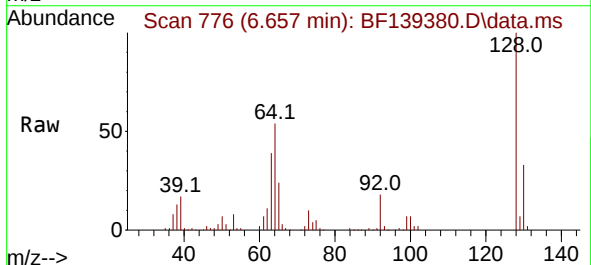
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

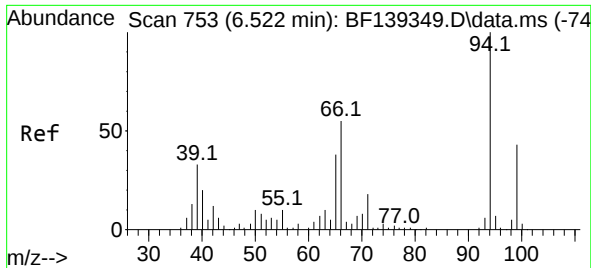
Tgt Ion: 99 Resp: 107117
Ion Ratio Lower Upper
99 100
42 27.7 21.9 32.9
71 43.0 34.6 52.0



#8
2-Chlorophenol
Concen: 28.789 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion: 128 Resp: 97582
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 53.9 35.1 75.1





#10

Phenol

Concen: 22.819 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

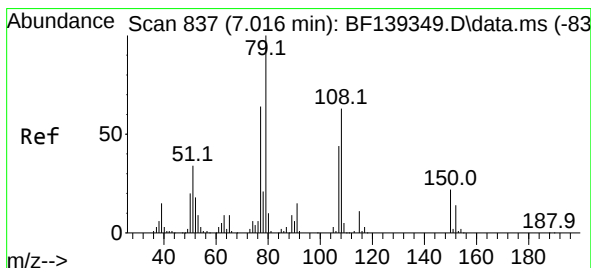
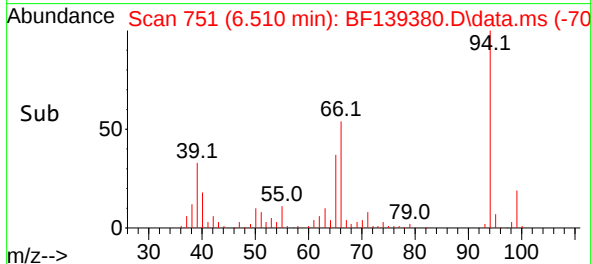
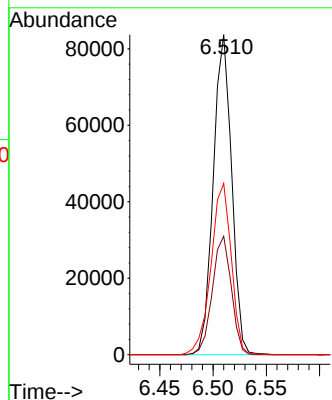
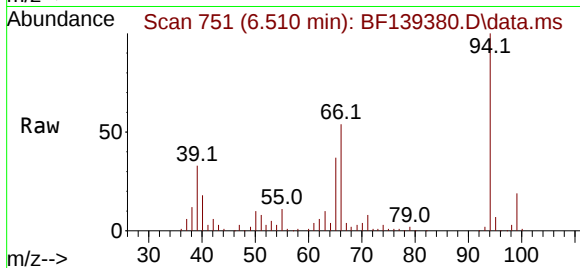
Tgt Ion: 94 Resp: 100447

Ion Ratio Lower Upper

94 100

65 37.0 17.6 57.6

66 53.5 35.2 75.2



#15

Benzyl Alcohol

Concen: 9.318 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.106 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

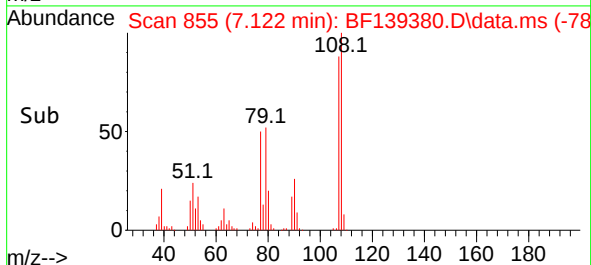
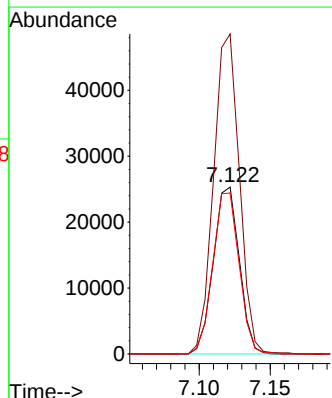
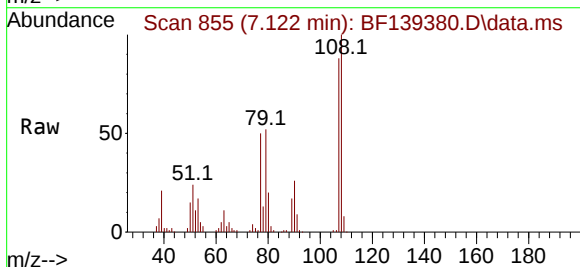
Tgt Ion: 79 Resp: 32132

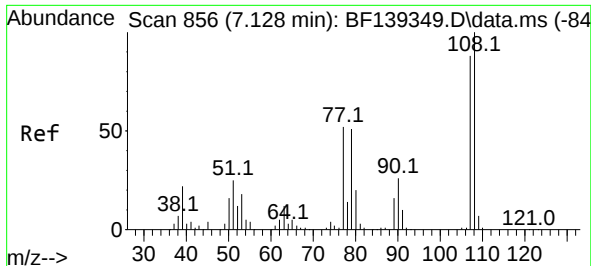
Ion Ratio Lower Upper

79 100

108 191.7 50.4 75.6#

77 96.4 51.4 77.2#





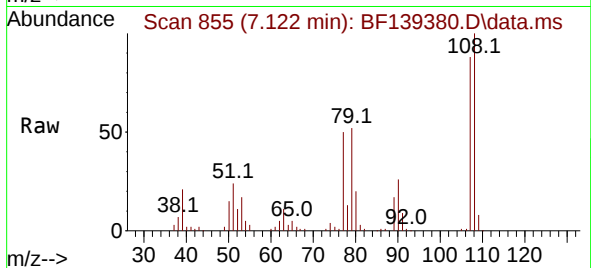
#17
2-Methylphenol
Concen: 20.043 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :

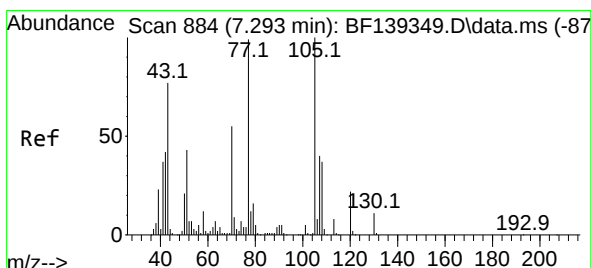
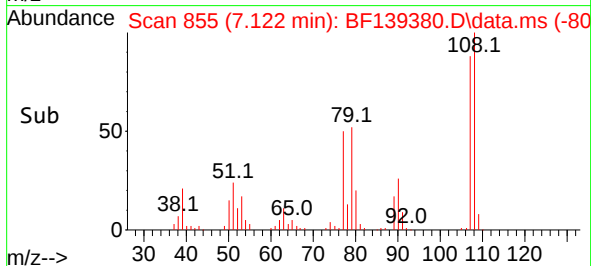
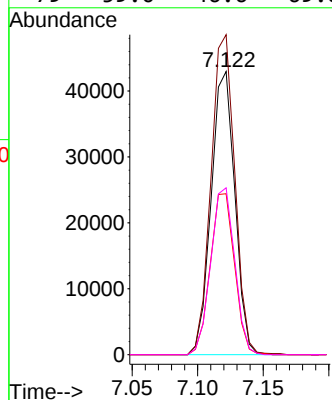
BNA_F

ClientSampleId :

PT-ACIDS-WPDL

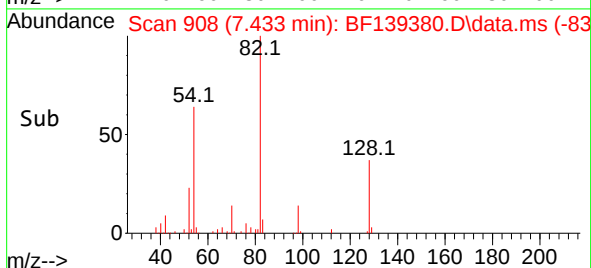
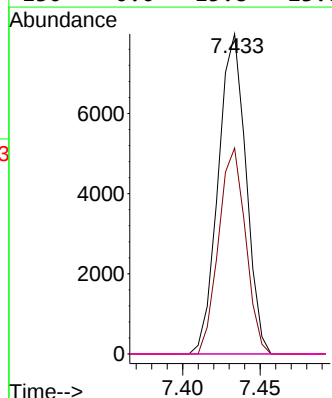
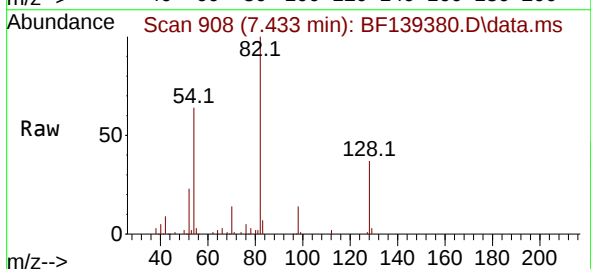


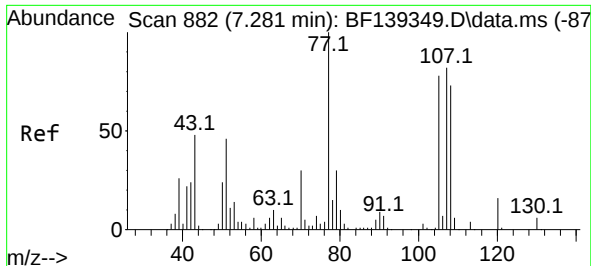
Tgt Ion:	107	Resp:	53975
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.5	135.7
77	56.9	47.1	70.7
79	59.0	46.6	69.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.881 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:	70	Resp:	9940
Ion	Ratio	Lower	Upper
70	100		
42	64.4	61.2	91.8
101	0.0	7.5	11.3#
130	0.0	15.8	23.8#

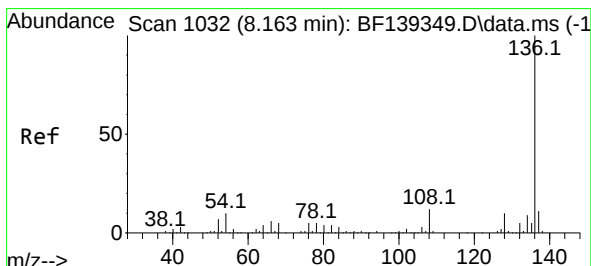
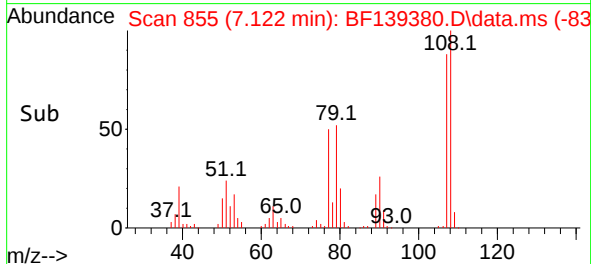
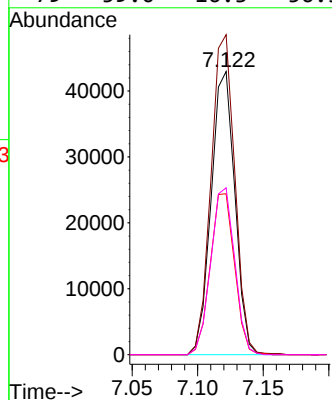
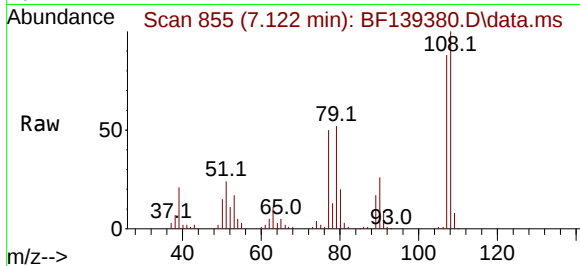




#20
3+4-Methylphenols
Concen: 14.691 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.159 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

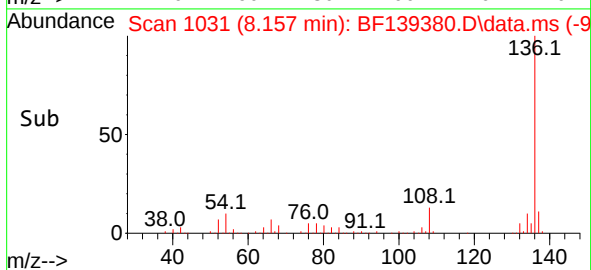
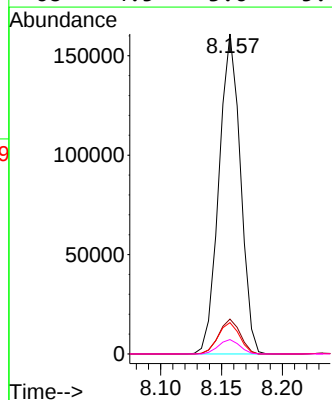
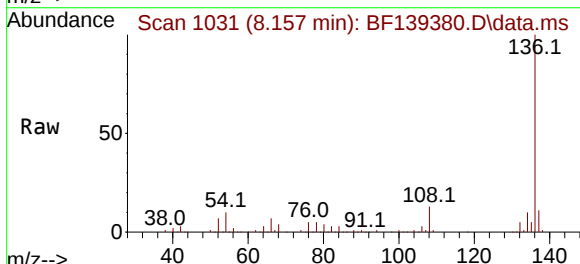
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

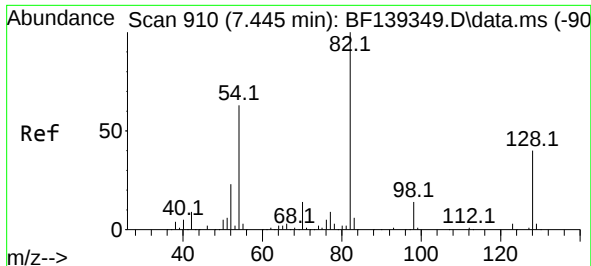
Tgt Ion:107 Resp: 53975
Ion Ratio Lower Upper
107 100
108 113.0 68.6 108.6#
77 56.9 101.6 141.6#
79 59.0 16.3 56.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:136 Resp: 197693
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 4.5 3.6 5.4





#23

Nitrobenzene-d5

Concen: 17.289 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

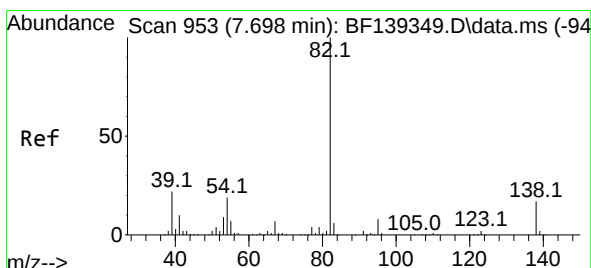
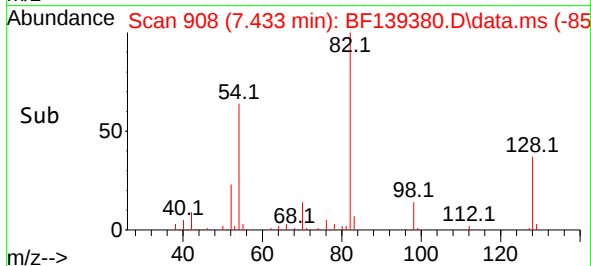
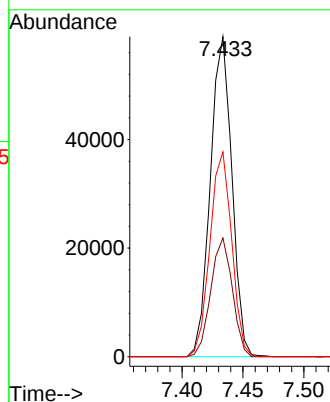
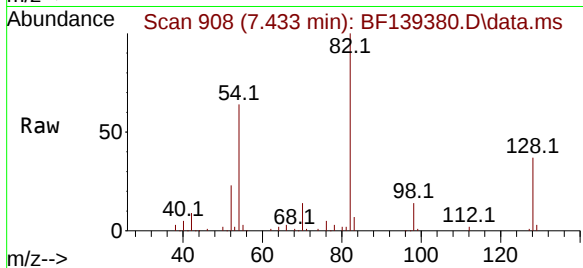
Tgt Ion: 82 Resp: 72704

Ion Ratio Lower Upper

82 100

128 37.1 31.8 47.6

54 64.0 50.6 75.8



#25

Isophorone

Concen: 10.932 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

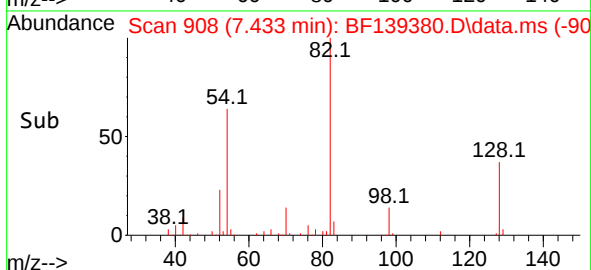
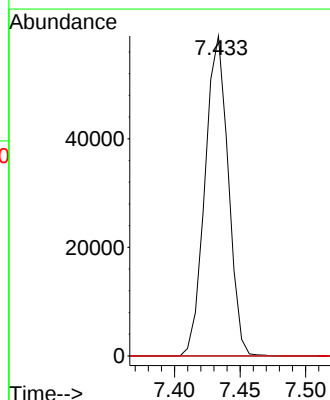
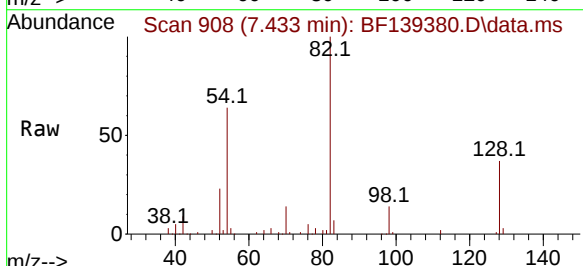
Tgt Ion: 82 Resp: 72703

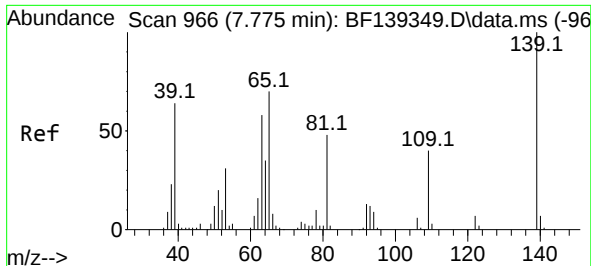
Ion Ratio Lower Upper

82 100

95 0.0 6.7 10.1#

138 0.0 13.3 19.9#

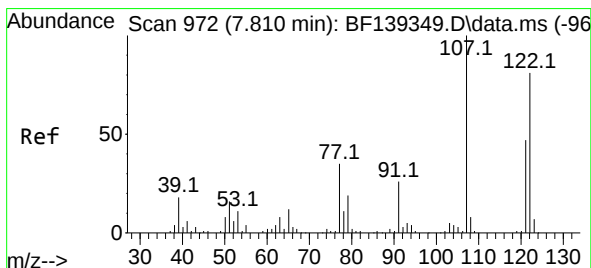
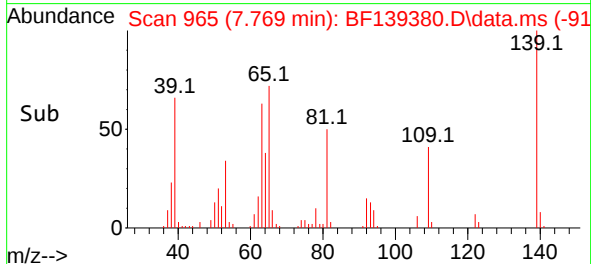
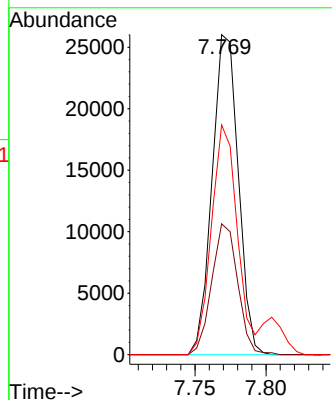
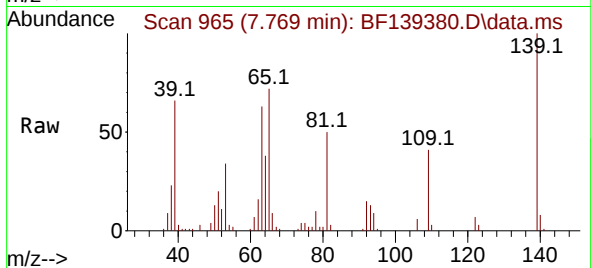




#26
2-Nitrophenol
Concen: 19.755 ng
RT: 7.769 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

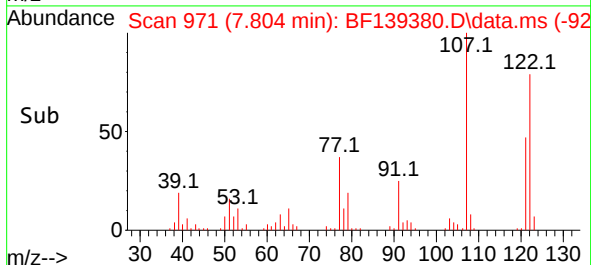
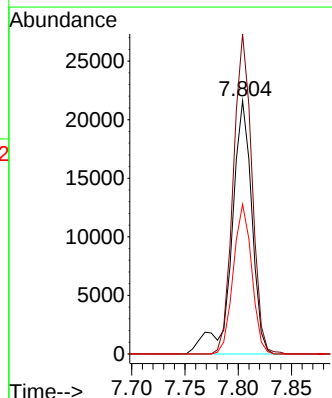
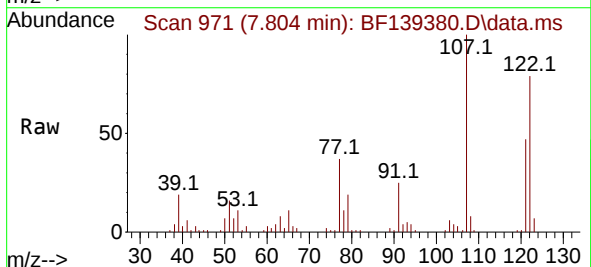
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

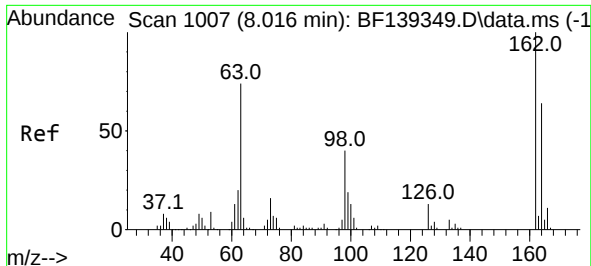
Tgt Ion:139 Resp: 33311
Ion Ratio Lower Upper
139 100
109 40.9 32.2 48.2
65 71.8 55.8 83.8



#27
2,4-Dimethylphenol
Concen: 12.757 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:122 Resp: 28375
Ion Ratio Lower Upper
122 100
107 126.4 99.1 148.7
121 59.1 46.6 70.0





#29

2,4-Dichlorophenol

Concen: 9.890 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

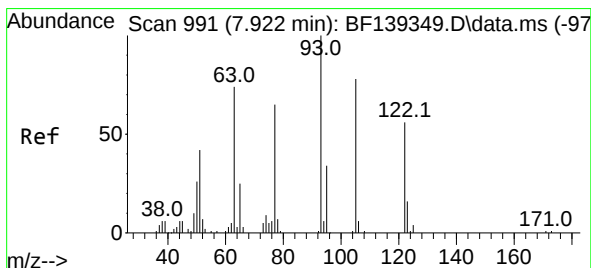
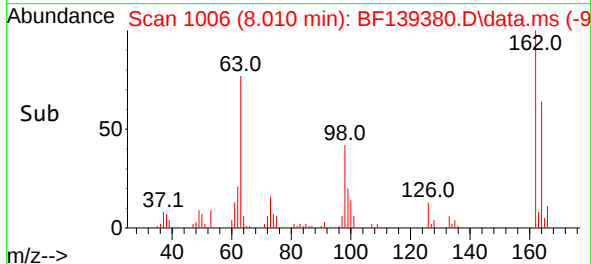
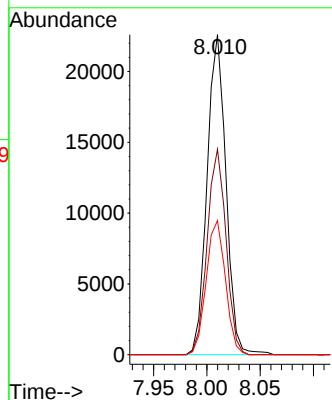
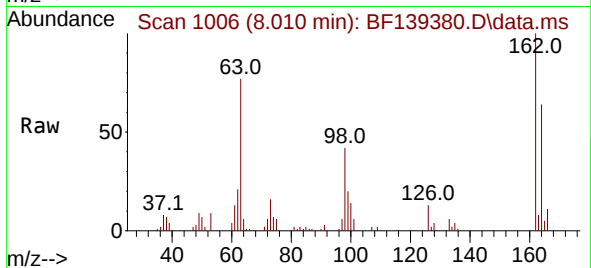
Tgt Ion:162 Resp: 27945

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

98 41.9 19.7 59.7



#32

Benzoic acid

Concen: 13.632 ng

RT: 7.804 min Scan# 971

Delta R.T. -0.118 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

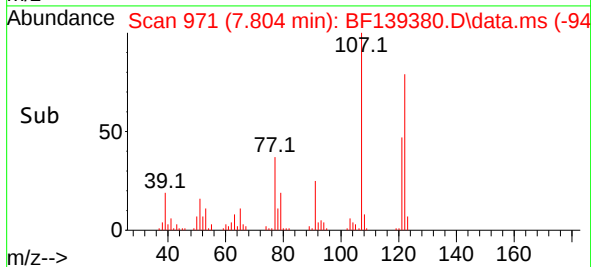
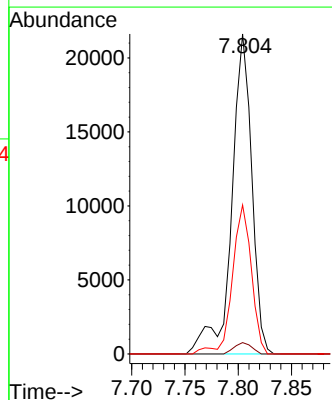
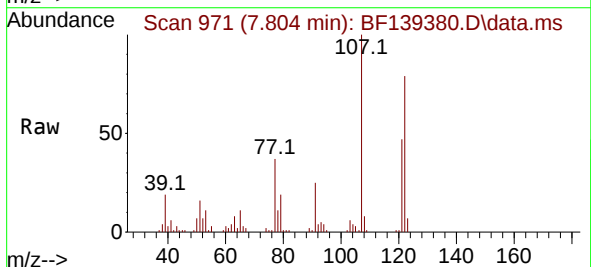
Tgt Ion:122 Resp: 28375

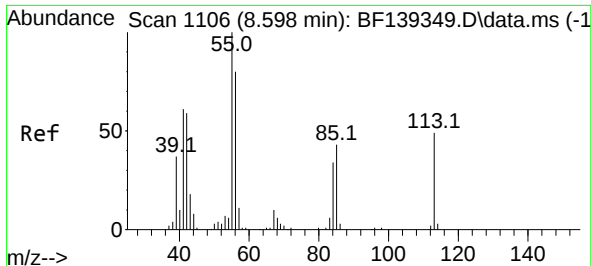
Ion Ratio Lower Upper

122 100

105 3.6 117.1 157.1#

77 46.6 95.4 135.4#

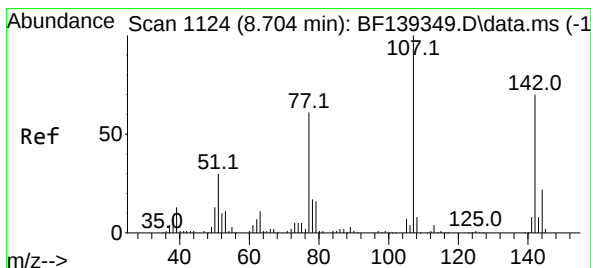
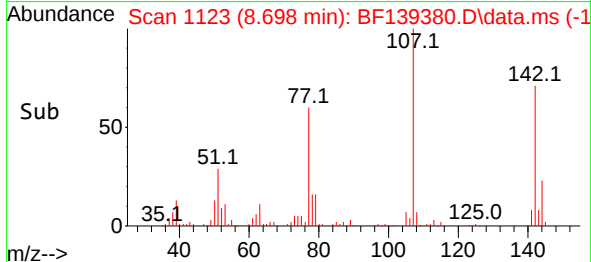
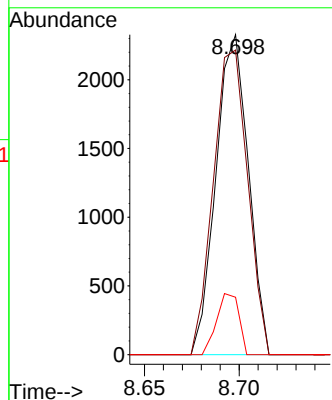
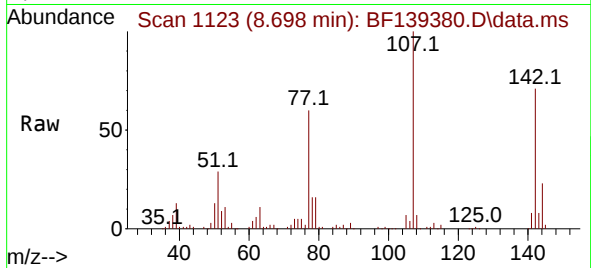




#35
 Caprolactam
 Concen: 3.188 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.100 min
 Lab File: BF139380.D
 Acq: 16 Sep 2024 13:13

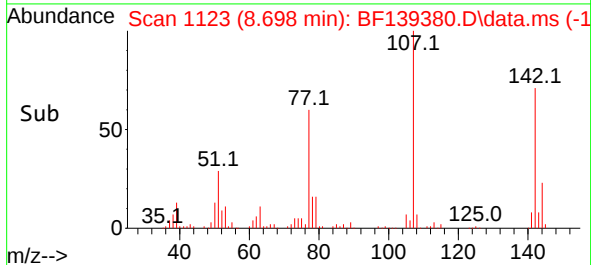
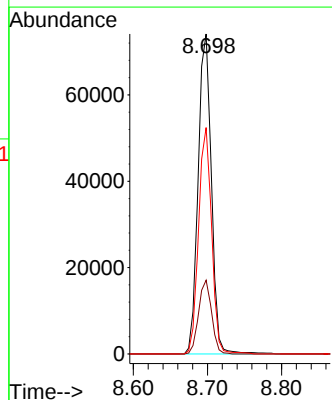
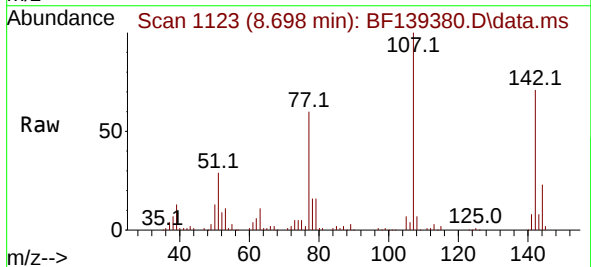
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

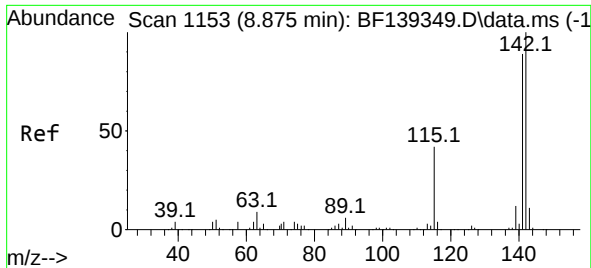
Tgt Ion:113 Resp: 2771
 Ion Ratio Lower Upper
 113 100
 55 95.2 186.1 226.1#
 56 18.0 144.9 184.9#



#36
 4-Chloro-3-methylphenol
 Concen: 28.495 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF139380.D
 Acq: 16 Sep 2024 13:13

Tgt Ion:107 Resp: 92018
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.5 26.3
 142 70.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 9.777 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.177 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA_F

ClientSampleId :

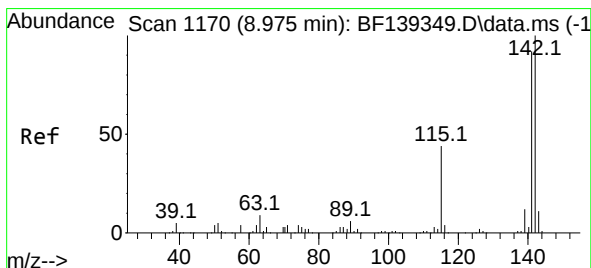
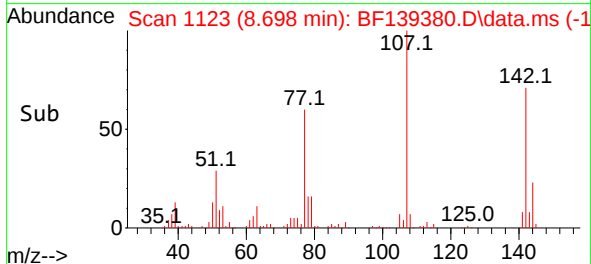
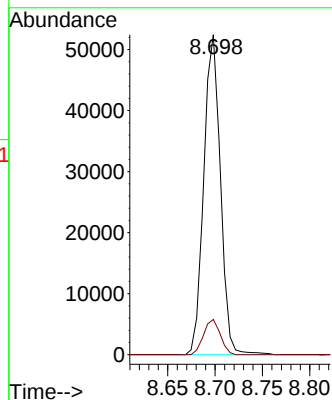
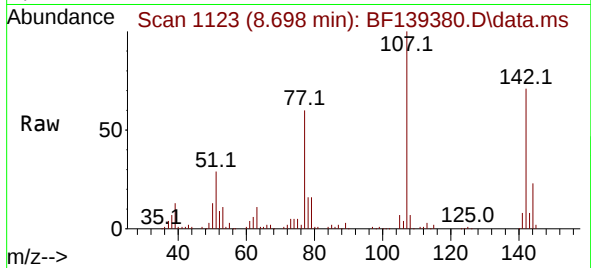
PT-ACIDS-WPDL

Tgt Ion:142 Resp: 64045

Ion Ratio Lower Upper

142 100

141 11.0 71.6 107.4#



#38

1-Methylnaphthalene

Concen: 9.585 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.277 min

Lab File: BF139380.D

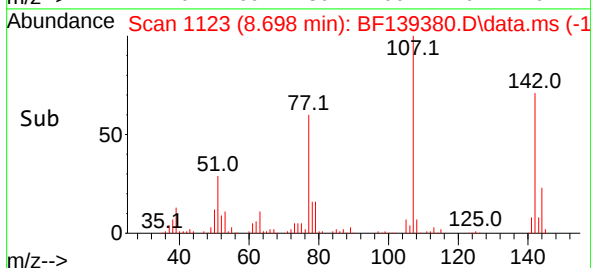
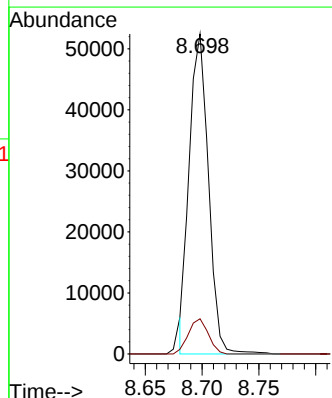
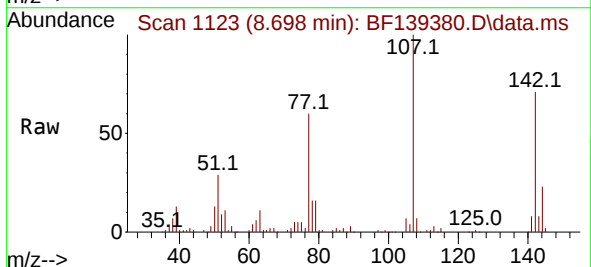
Acq: 16 Sep 2024 13:13

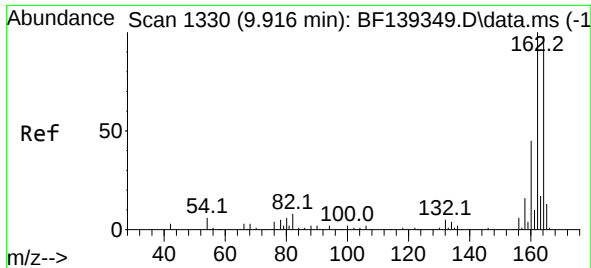
Tgt Ion:142 Resp: 61644

Ion Ratio Lower Upper

142 100

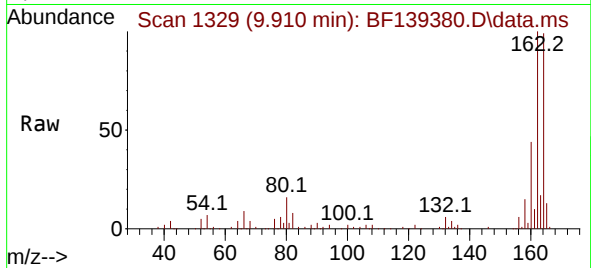
141 11.0 73.2 109.8#



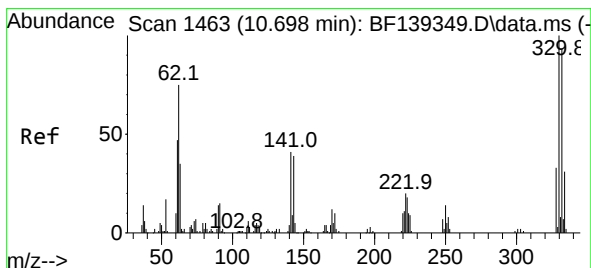
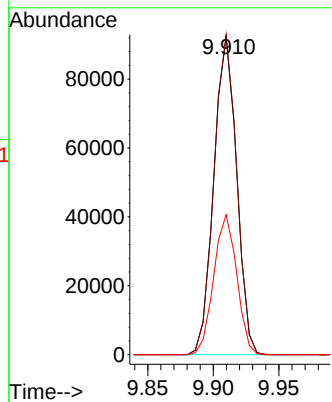
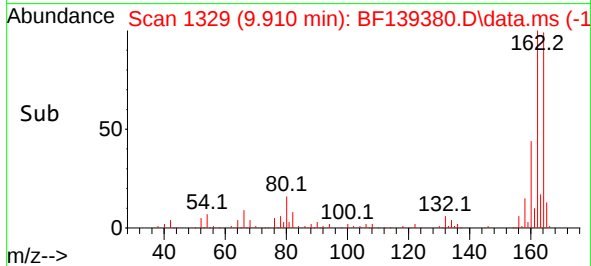


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 111417
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

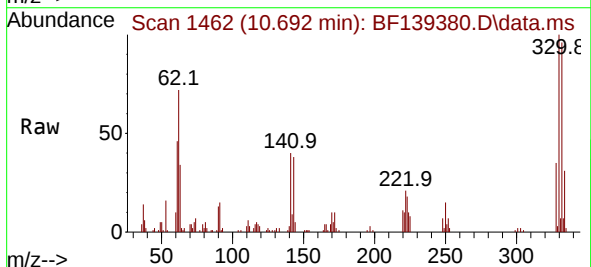
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL



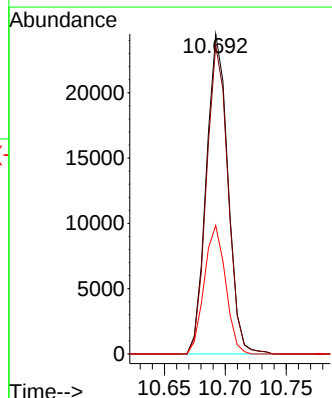
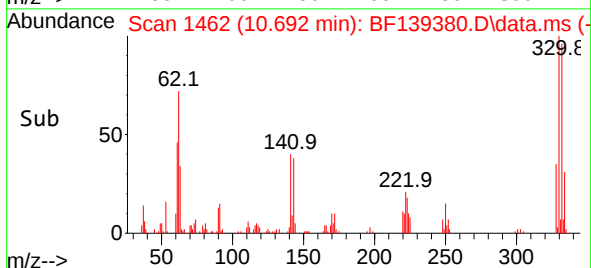
Tgt Ion:164 Resp: 111417
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.1 36.4 54.6

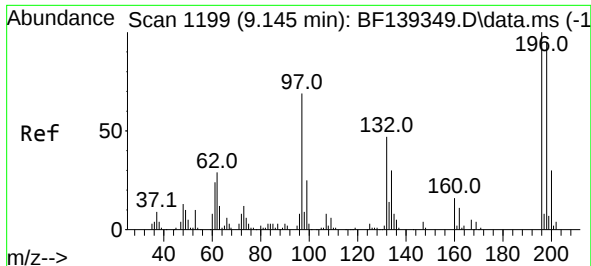


#42
2,4,6-Tribromophenol
Concen: 25.442 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13



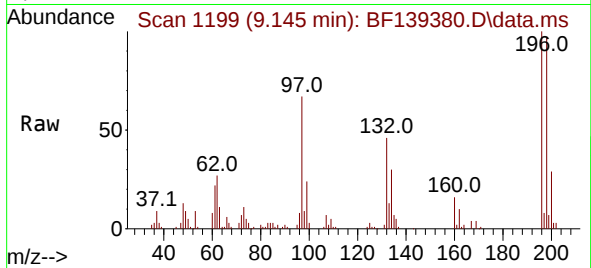
Tgt Ion:330 Resp: 30178
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 39.5 31.2 46.8



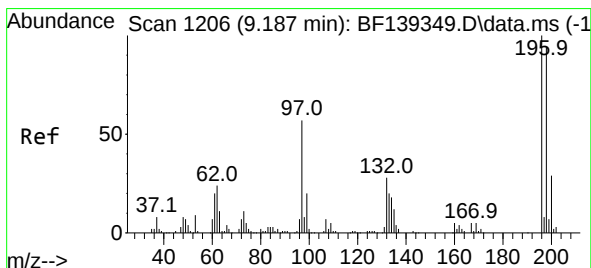
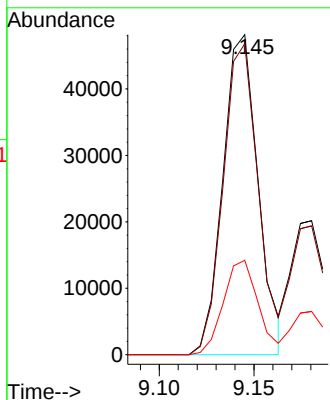
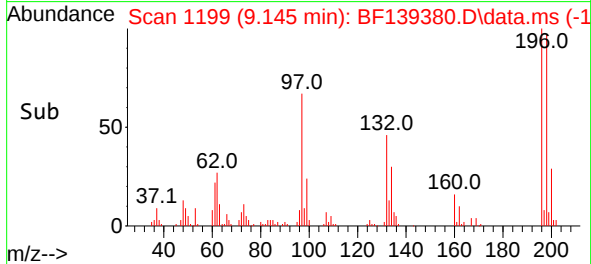


#43
2,4,6-Trichlorophenol
Concen: 28.947 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

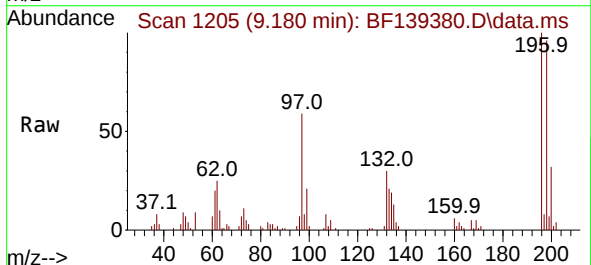
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL



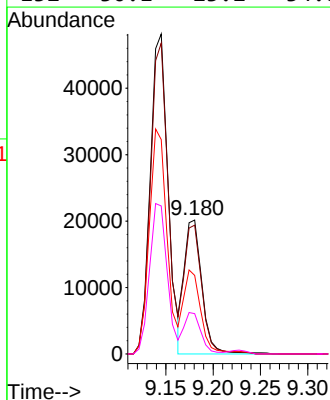
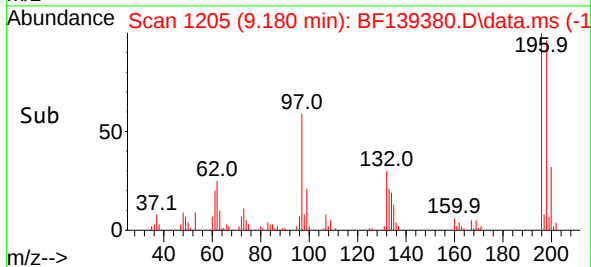
Tgt Ion:196 Resp: 62186
Ion Ratio Lower Upper
196 100
198 97.2 75.8 113.6
200 29.5 24.1 36.1

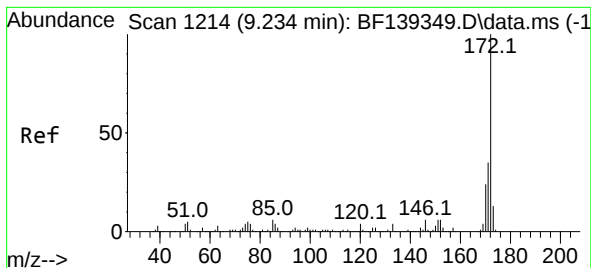


#44
2,4,5-Trichlorophenol
Concen: 11.658 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13



Tgt Ion:196 Resp: 26419
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
97 58.6 47.3 70.9
132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 18.138 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

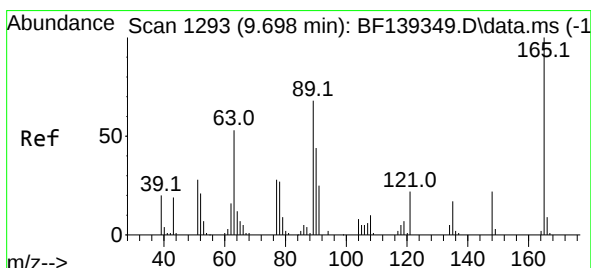
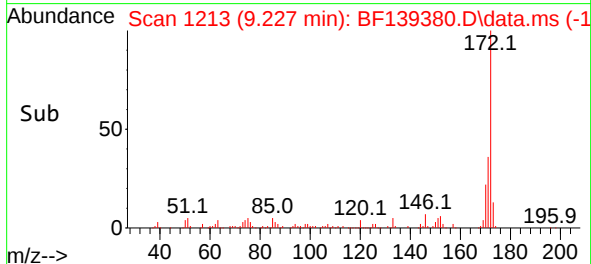
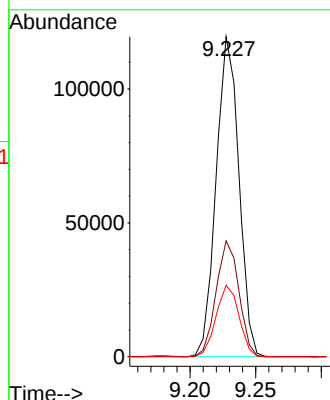
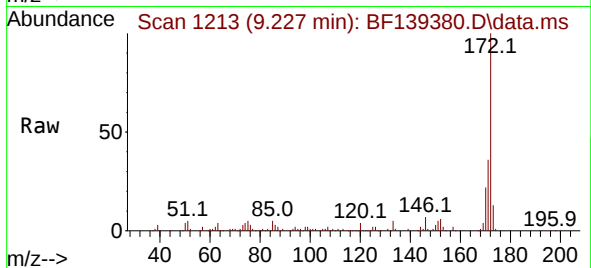
Tgt Ion:172 Resp: 144091

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 22.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF139380.D

Acq: 16 Sep 2024 13:13

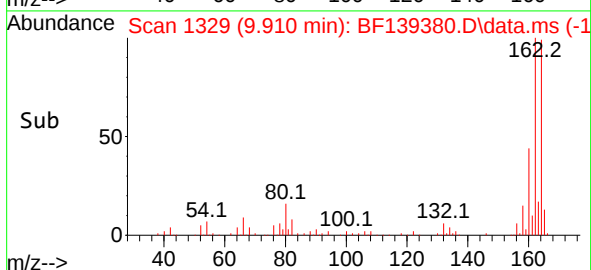
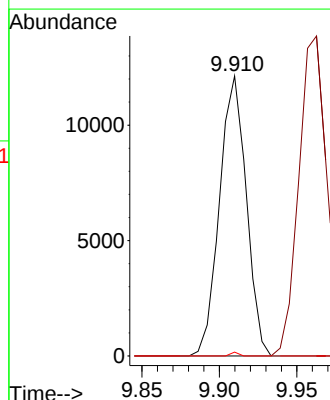
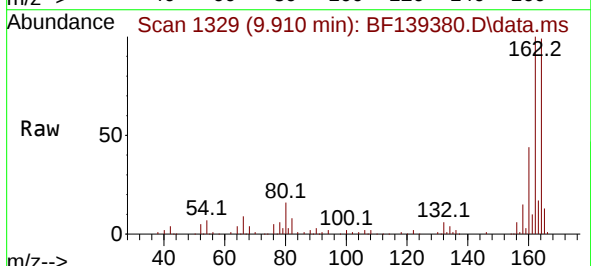
Tgt Ion:165 Resp: 14580

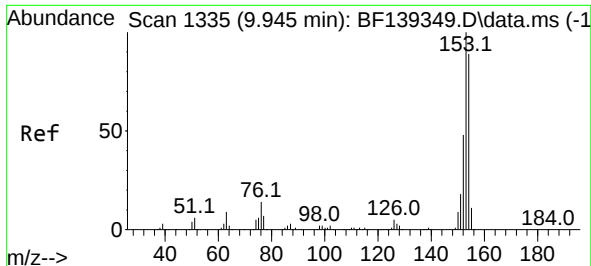
Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

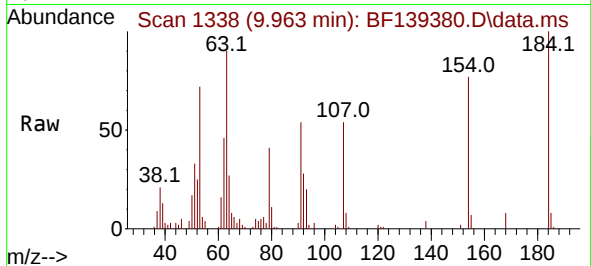
89 1.4 54.7 82.1#



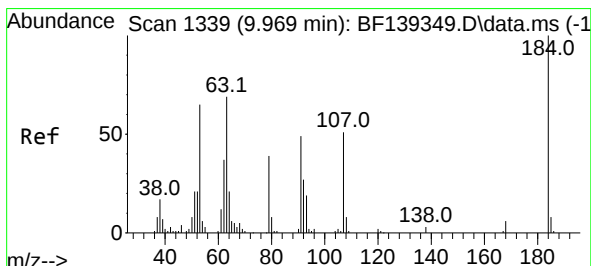
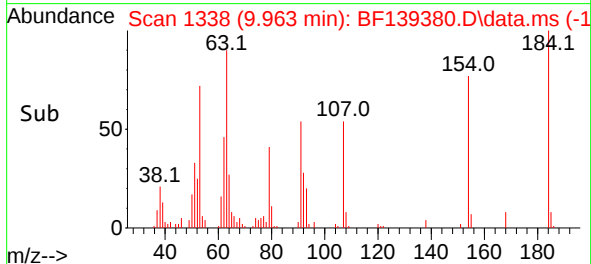
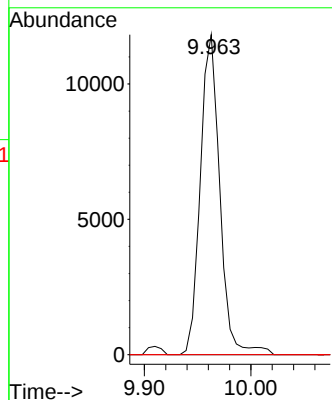


#52
Acenaphthene
Concen: 2.237 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.017 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

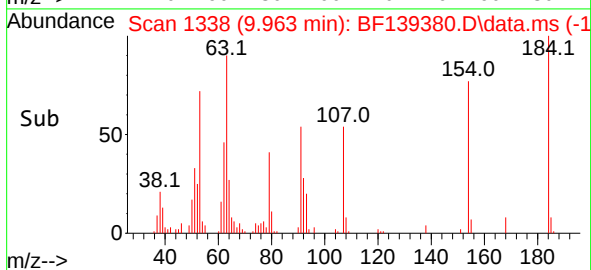
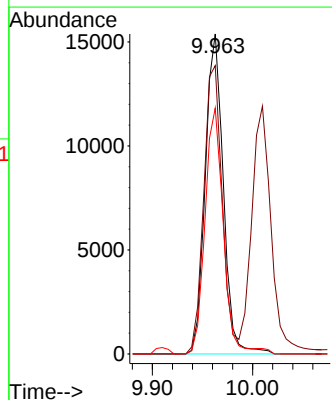
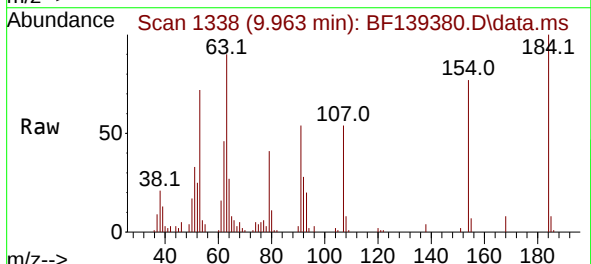


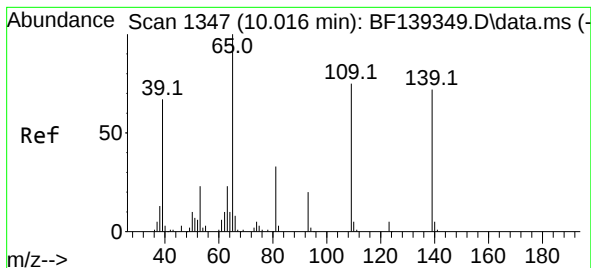
Tgt Ion:154 Resp: 15064
Ion Ratio Lower Upper
154 100
153 0.0 89.5 134.3#
152 0.0 42.6 64.0#



#54
2,4-Dinitrophenol
Concen: 21.368 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:184 Resp: 19289
Ion Ratio Lower Upper
184 100
63 90.1 69.3 103.9
154 76.8 67.5 101.3

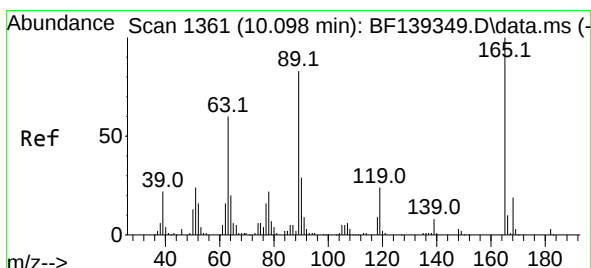
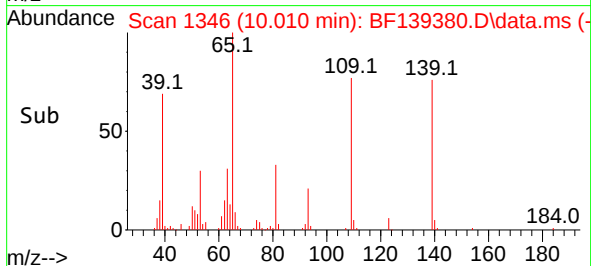
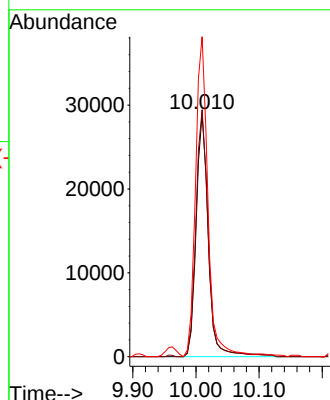
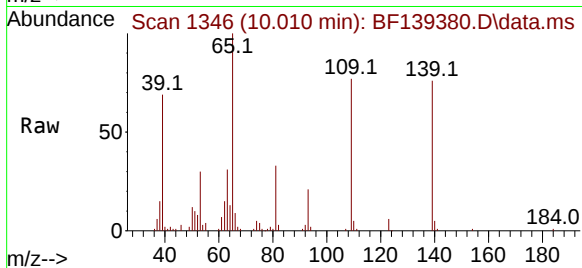




#56
4-Nitrophenol
Concen: 29.054 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

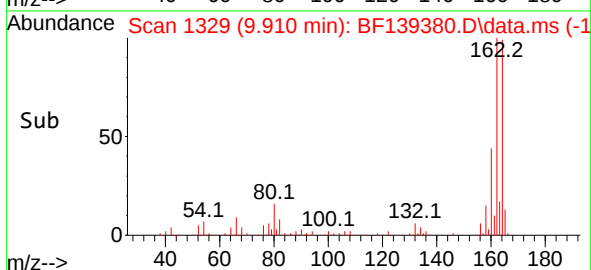
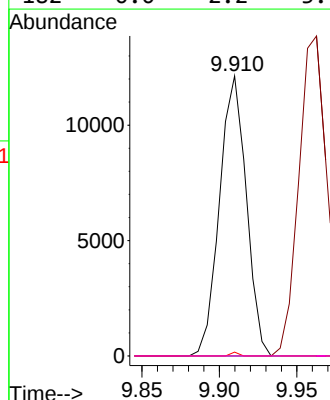
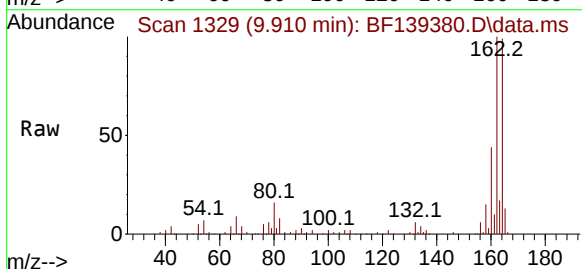
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

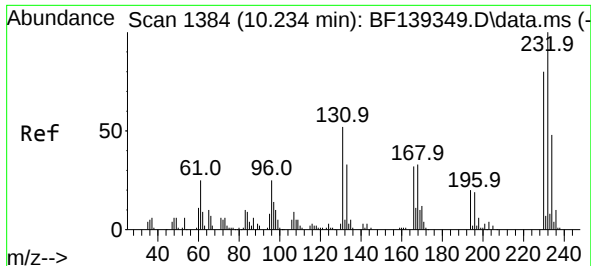
Tgt Ion:139 Resp: 38922
Ion Ratio Lower Upper
139 100
109 101.9 84.1 124.1
65 132.1 120.0 160.0



#57
2,4-Dinitrotoluene
Concen: 6.666 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:165 Resp: 14580
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

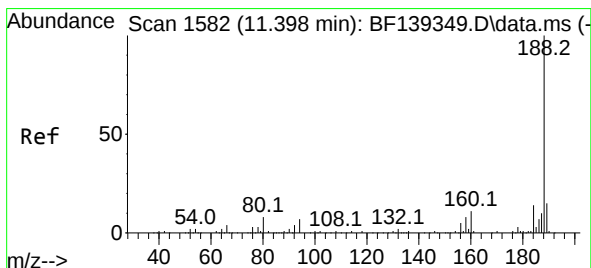
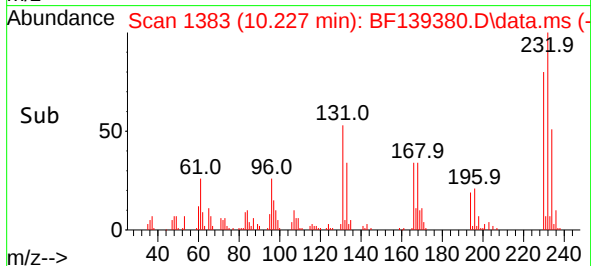
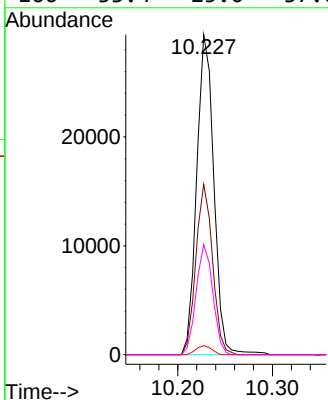
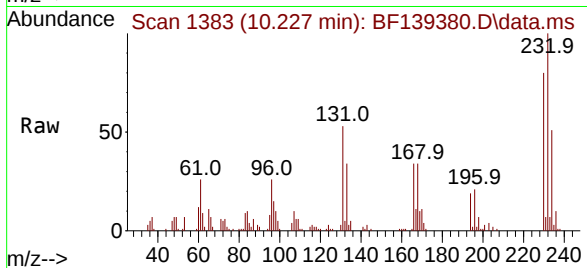




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.746 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

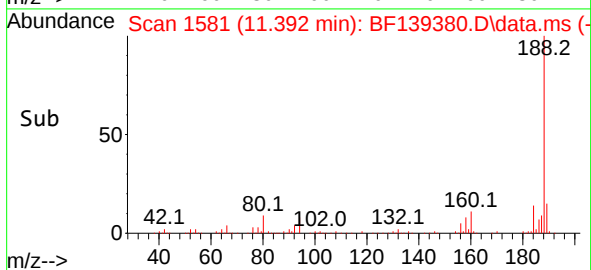
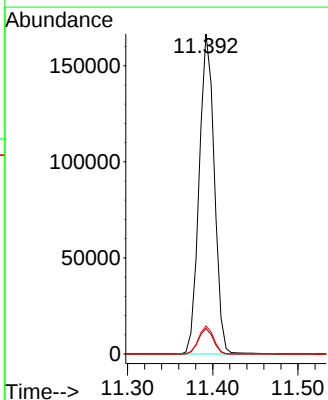
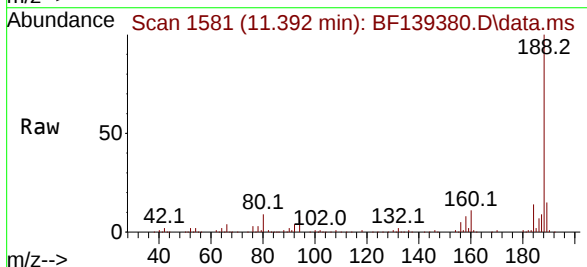
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

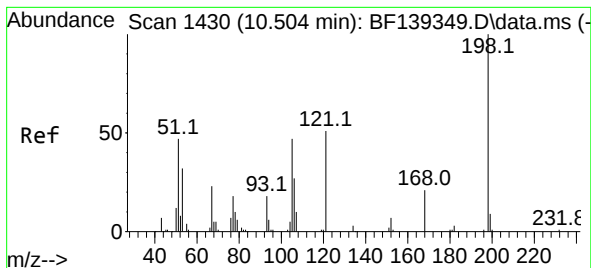
Tgt Ion:232	Resp:	37016
Ion Ratio	Lower	Upper
232	100	
131	51.8	40.7 61.1
130	2.6	2.2 3.2
166	33.4	25.0 37.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:188	Resp:	205713
Ion Ratio	Lower	Upper
188	100	
94	8.0	5.5 8.3
80	8.7	6.6 9.8

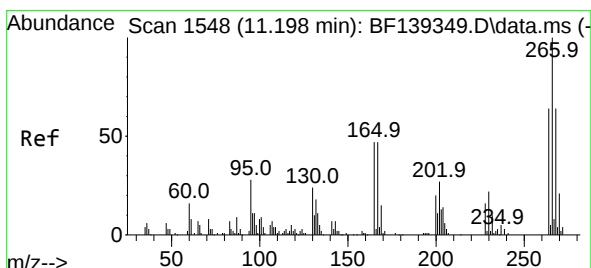
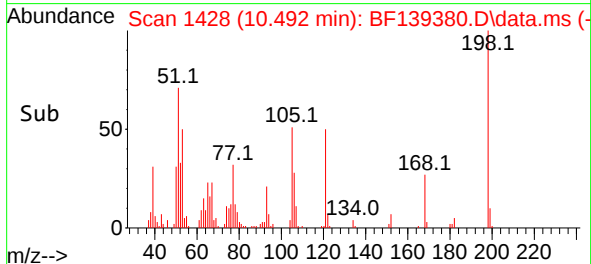
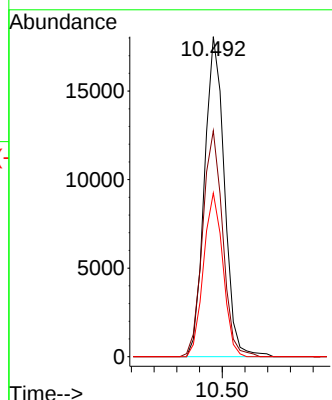
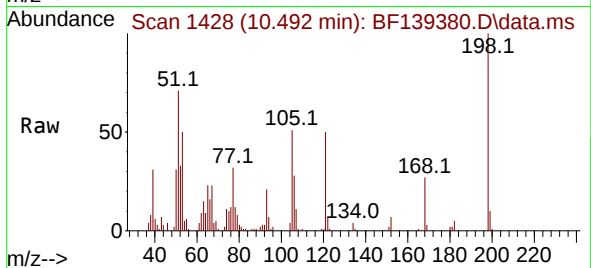




#65
4,6-Dinitro-2-methylphenol
Concen: 20.246 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

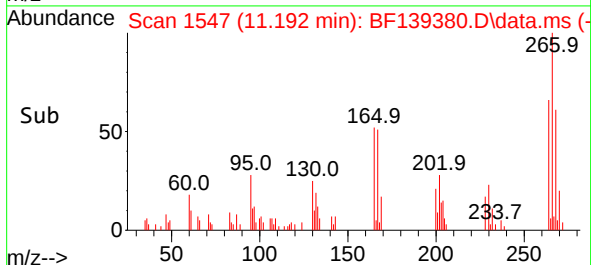
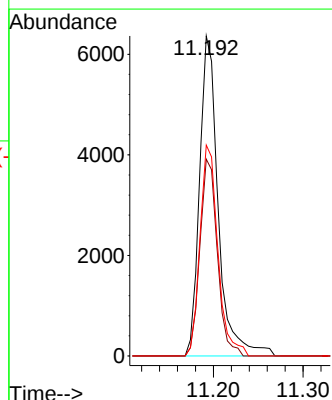
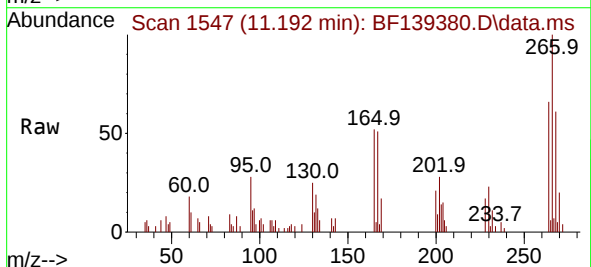
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

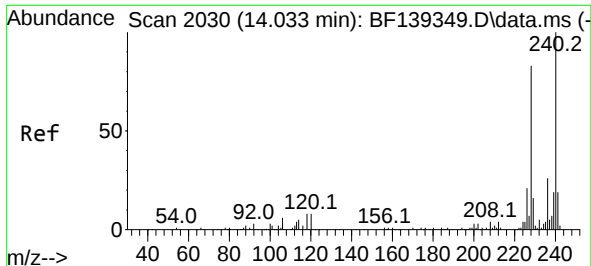
Tgt Ion:198 Resp: 21982
Ion Ratio Lower Upper
198 100
51 70.6 50.4 90.4
105 51.2 28.3 68.3



#70
Pentachlorophenol
Concen: 6.397 ng
RT: 11.192 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

Tgt Ion:266 Resp: 9184
Ion Ratio Lower Upper
266 100
268 61.5 51.1 76.7
264 65.9 51.4 77.0

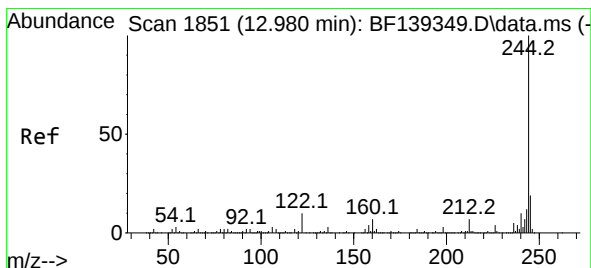
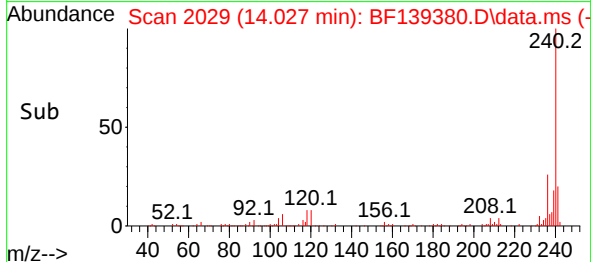
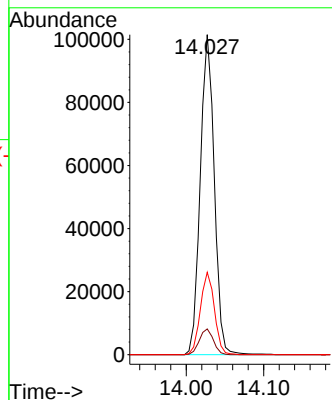
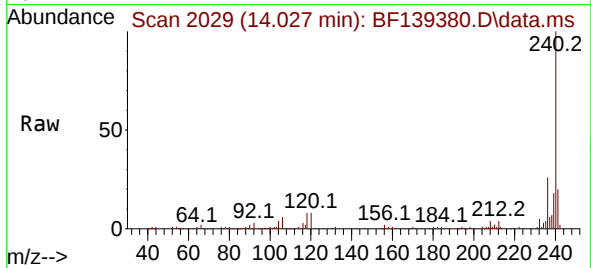




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

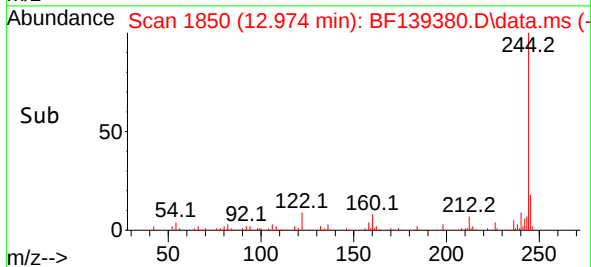
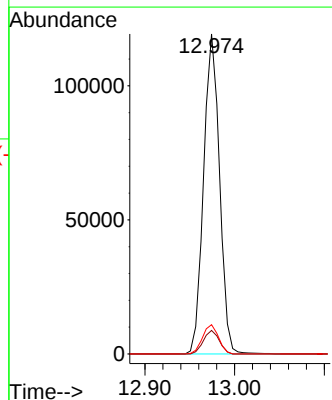
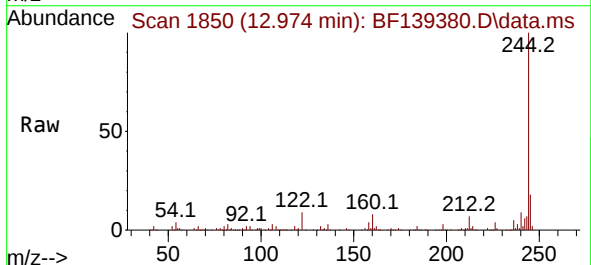
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

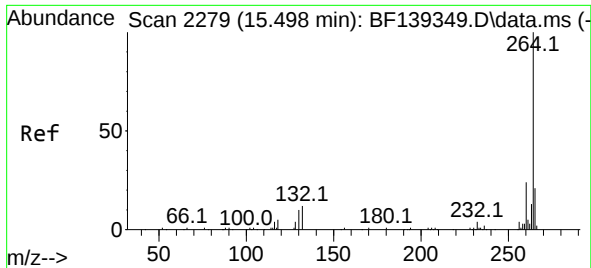
Tgt Ion:240 Resp: 127464
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 18.957 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139380.D
Acq: 16 Sep 2024 13:13

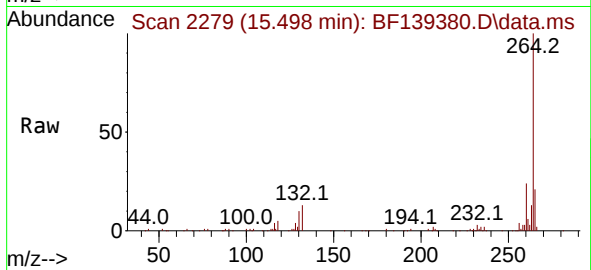
Tgt Ion:244 Resp: 147214
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.2 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139380.D
 Acq: 16 Sep 2024 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL



Tgt Ion:264 Resp: 107390
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.4 16.6 25.0

