

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140347.D
 Acq On : 13 Nov 2024 17:32
 Operator : RC/JU
 Sample : P3845-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Nov 14 03:10:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

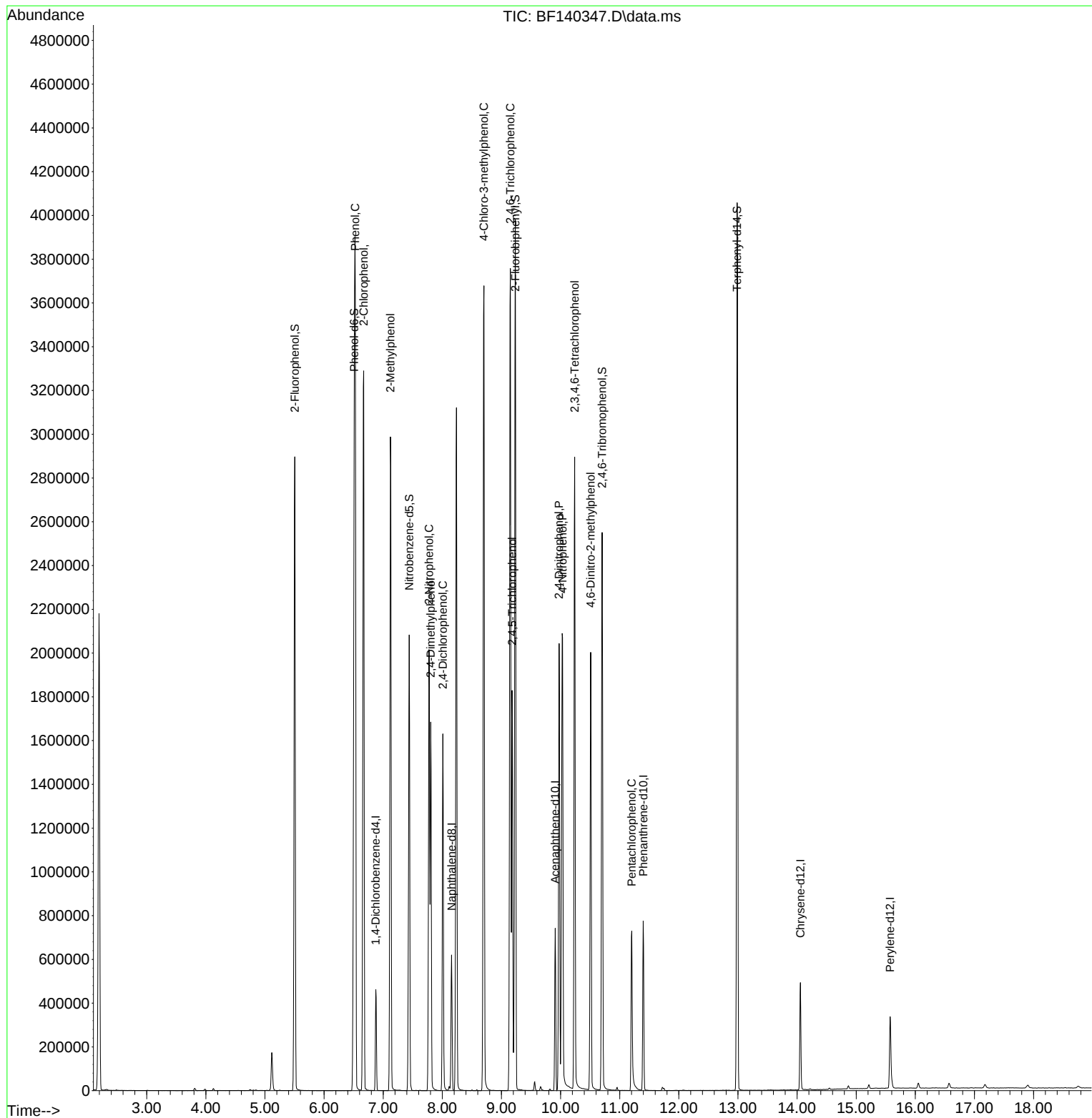
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97842	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	378960	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	409731	20.000	ng	0.00
76) Chrysene-d12	14.057	240	235348	20.000	ng	0.00
86) Perylene-d12	15.574	264	202420	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1147318	200.212	ng	0.01
7) Phenol-d6	6.510	99	1553240	200.059	ng	0.00
23) Nitrobenzene-d5	7.439	82	1006786	138.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	442313	207.070	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1780545	133.252	ng	0.00
79) Terphenyl-d14	12.986	244	2079213	153.351	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.669	128	1267107	205.844	ng	98
10) Phenol	6.528	94	1405416	171.650	ng	98
17) 2-Methylphenol	7.122	107	762337	150.545	ng	99
26) 2-Nitrophenol	7.775	139	522410	155.457	ng	97
27) 2,4-Dimethylphenol	7.804	122	443273	103.032	ng	98
29) 2,4-Dichlorophenol	8.010	162	433115	81.458	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	1171651	198.844	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	806864	206.982	ng	99
44) 2,4,5-Trichlorophenol	9.180	196	369579	86.714	ng	98
54) 2,4-Dinitrophenol	9.975	184	394857	239.887	ng	96
56) 4-Nitrophenol	10.033	139	590213	241.389	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	515795	153.272	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	400363	181.616	ng	99
70) Pentachlorophenol	11.204	266	134438	54.158	ng	99

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

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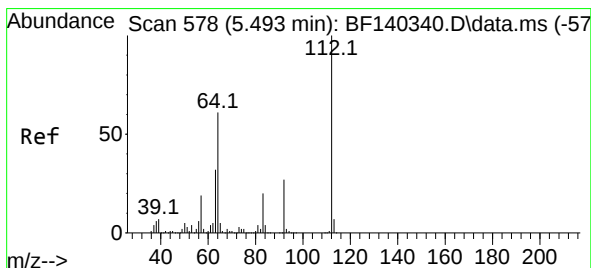
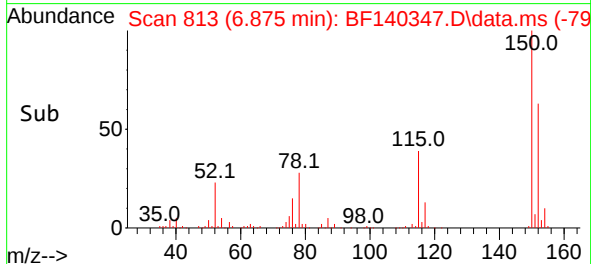
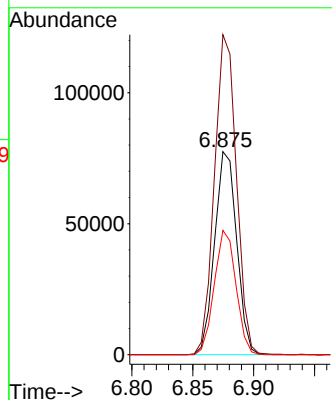
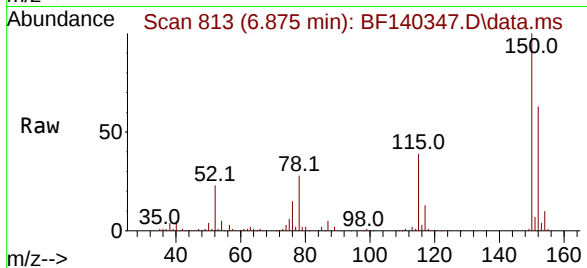




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

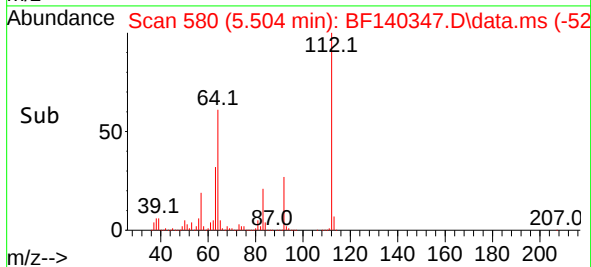
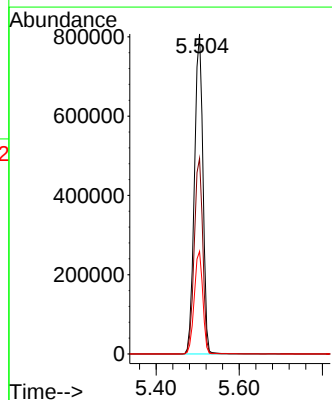
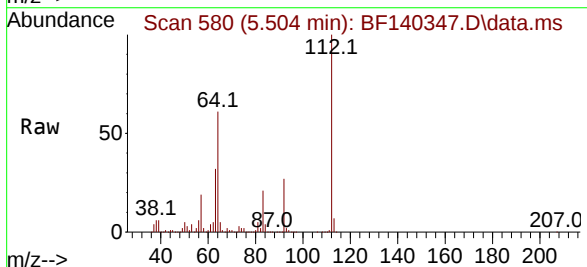
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 97842
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.2 47.4 71.2



#5
2-Fluorophenol
Concen: 200.212 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:112 Resp: 1147318
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 32.1 25.6 38.4

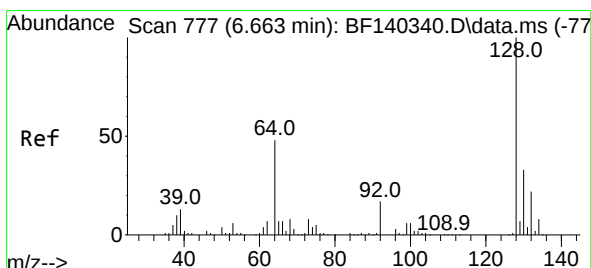
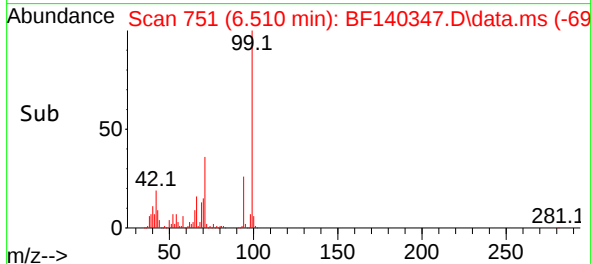
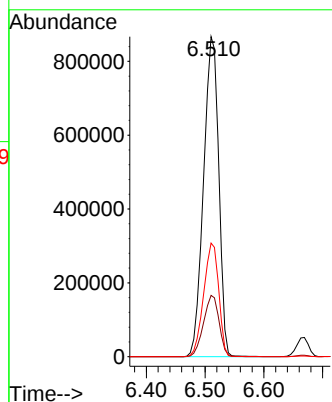
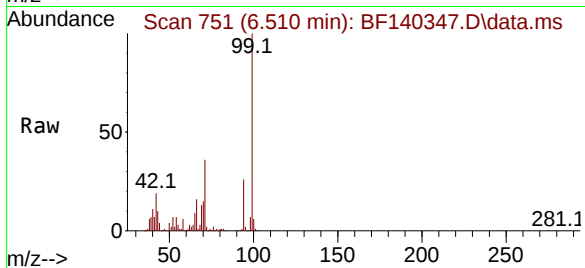




#7
Phenol-d6
Concen: 200.059 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

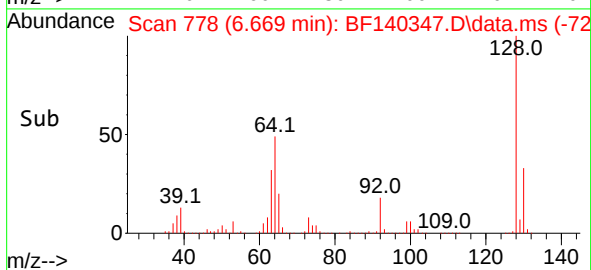
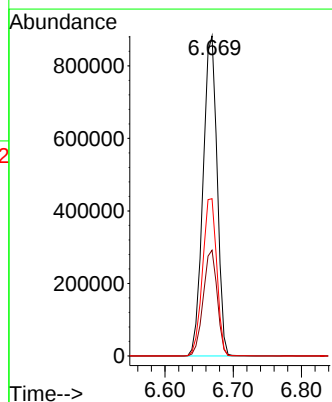
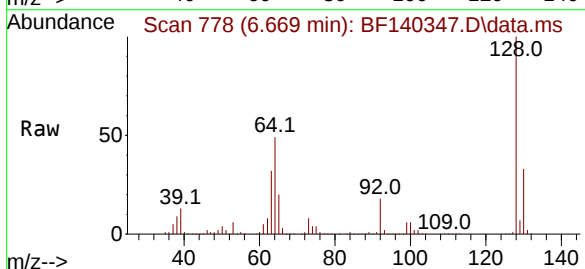
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

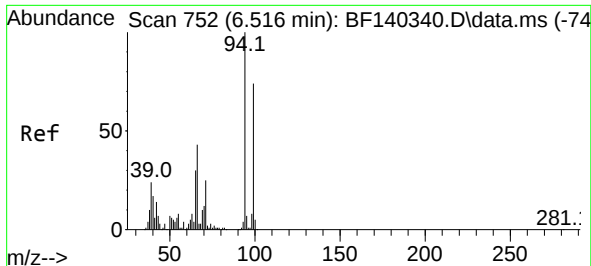
Tgt Ion: 99 Resp: 1553240
Ion Ratio Lower Upper
99 100
42 19.2 15.1 22.7
71 35.5 27.9 41.9



#8
2-Chlorophenol
Concen: 205.844 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion: 128 Resp: 1267107
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 49.2 30.2 70.2

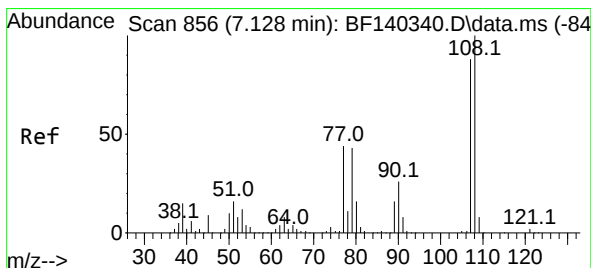
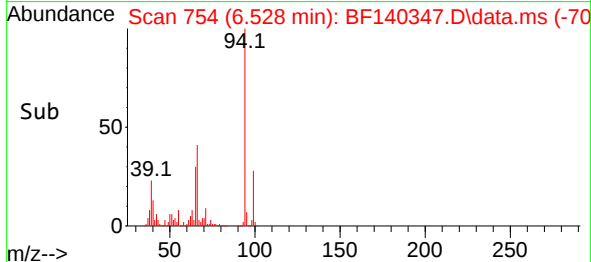
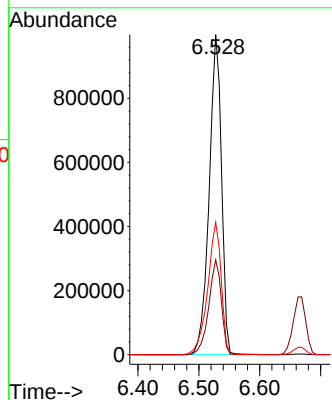
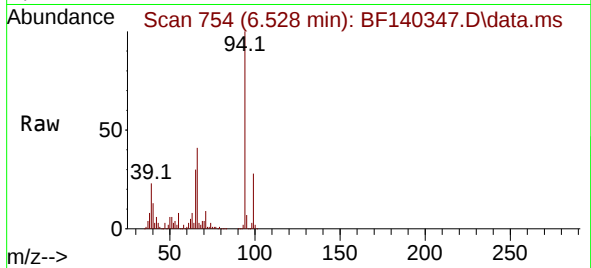




#10
Phenol
Concen: 171.650 ng
RT: 6.528 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

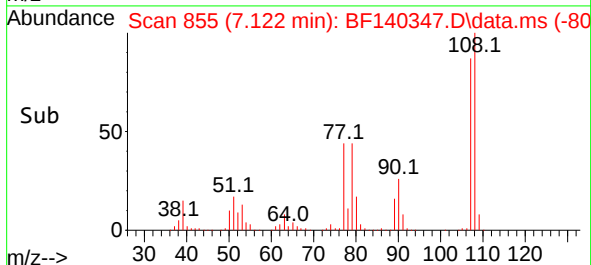
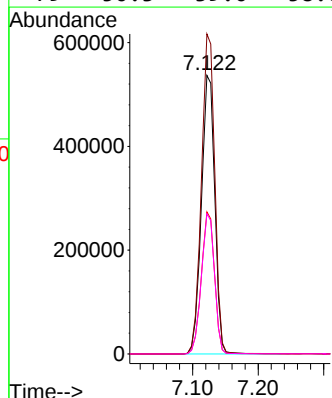
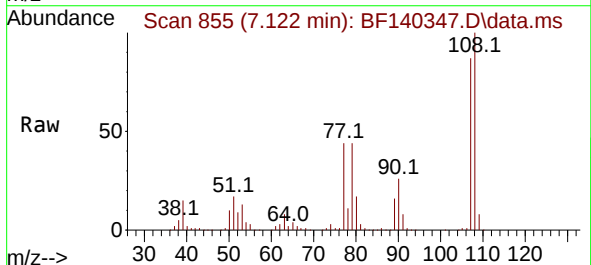
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

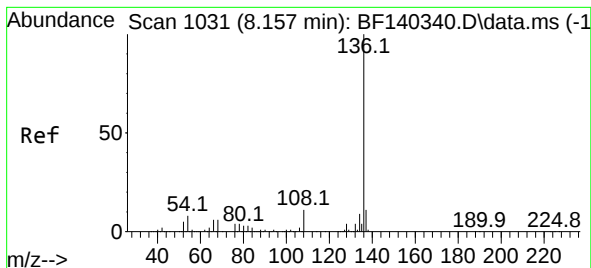
Tgt Ion: 94 Resp: 1405416
Ion Ratio Lower Upper
94 100
65 29.6 10.4 50.4
66 41.4 22.9 62.9



#17
2-Methylphenol
Concen: 150.545 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:107 Resp: 762337
Ion Ratio Lower Upper
107 100
108 114.9 91.9 137.9
77 51.0 39.7 59.5
79 50.3 39.0 58.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140347.D

Acq: 13 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:136 Resp: 378960

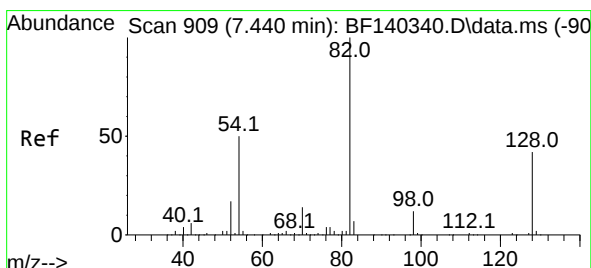
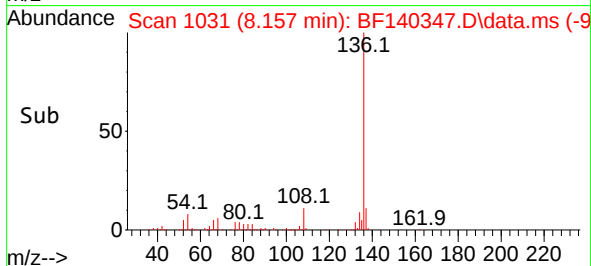
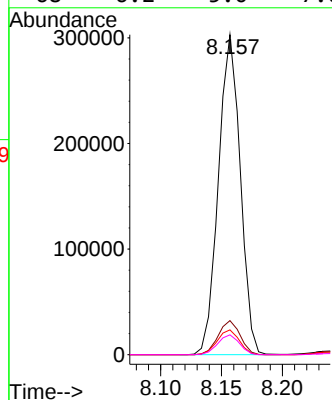
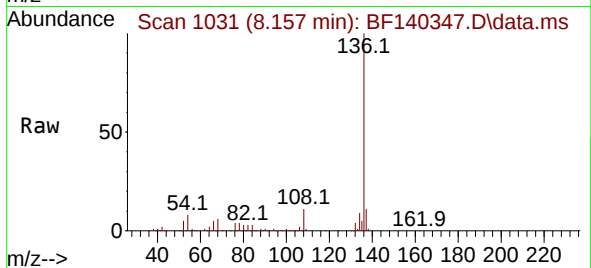
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.8 6.5 9.7

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 138.422 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140347.D

Acq: 13 Nov 2024 17:32

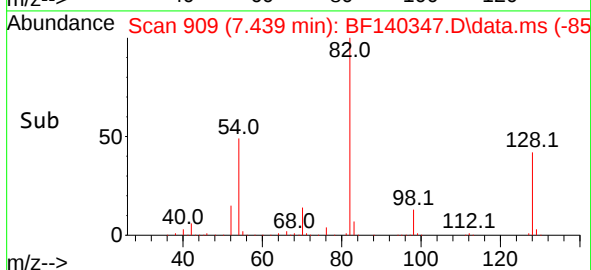
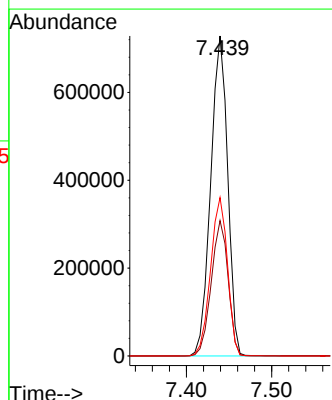
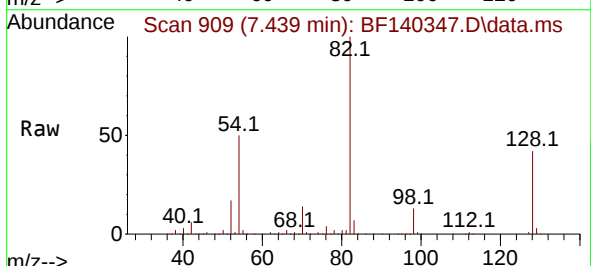
Tgt Ion: 82 Resp: 1006786

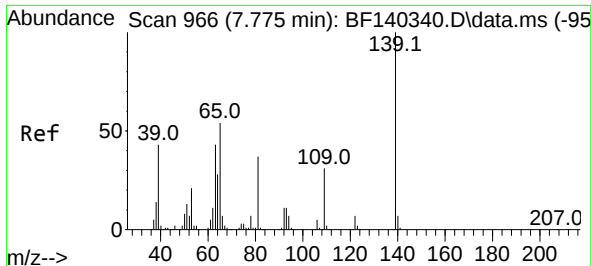
Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 49.5 39.8 59.8

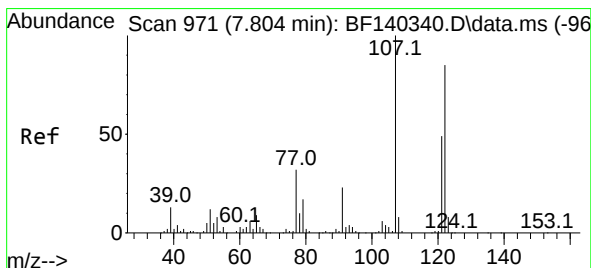
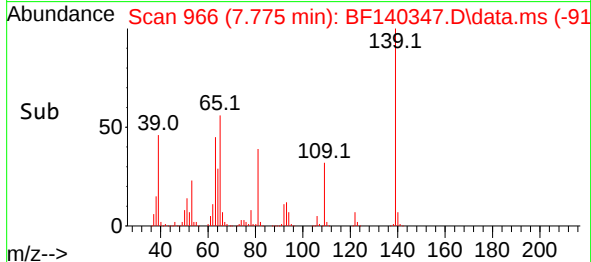
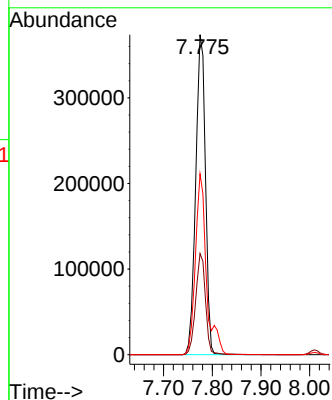
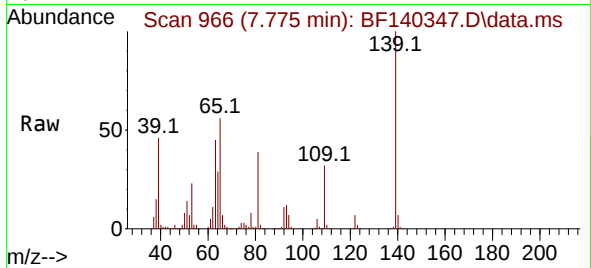




#26
2-Nitrophenol
Concen: 155.457 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

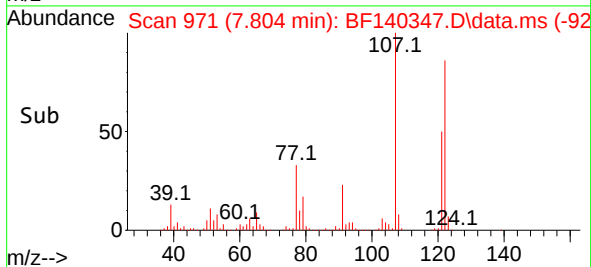
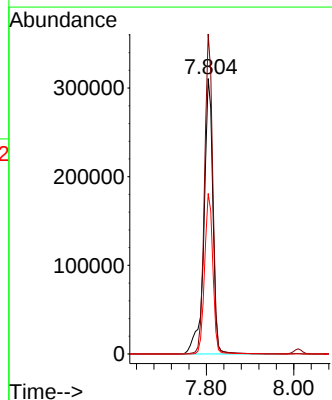
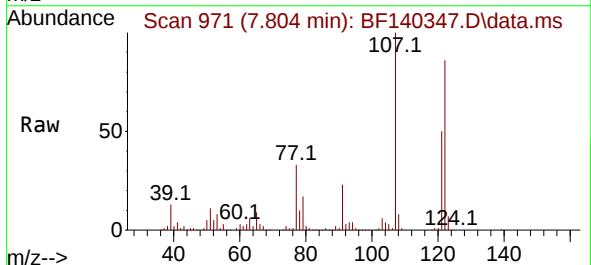
Instrument :
BNA_F
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PT-ACIDS-WP

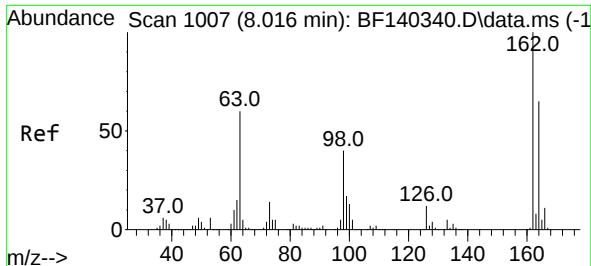
Tgt Ion:139 Resp: 522410
Ion Ratio Lower Upper
139 100
109 31.6 24.4 36.6
65 56.5 42.8 64.2



#27
2,4-Dimethylphenol
Concen: 103.032 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:122 Resp: 443273
Ion Ratio Lower Upper
122 100
107 116.2 91.3 136.9
121 58.2 45.5 68.3





#29

2,4-Dichlorophenol

Concen: 81.458 ng

RT: 8.010 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140347.D

Acq: 13 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

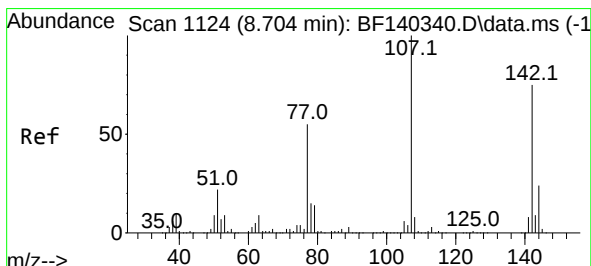
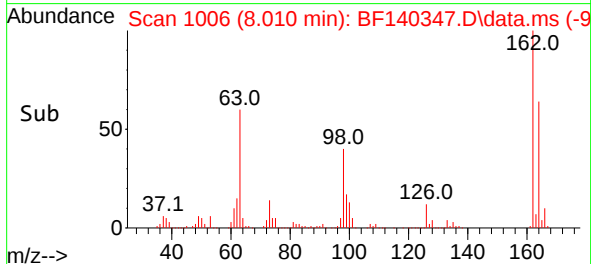
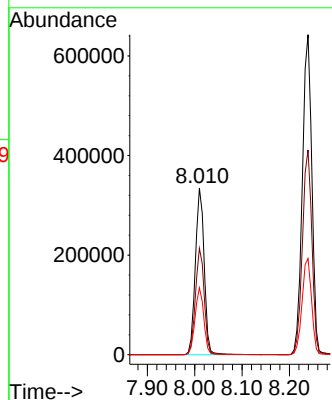
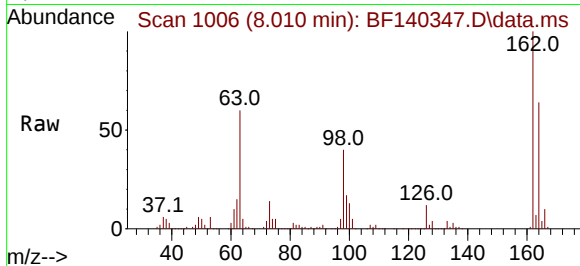
Tgt Ion:162 Resp: 433115

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 40.2 19.9 59.9



#36

4-Chloro-3-methylphenol

Concen: 198.844 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF140347.D

Acq: 13 Nov 2024 17:32

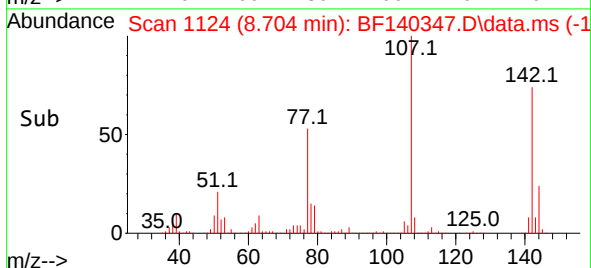
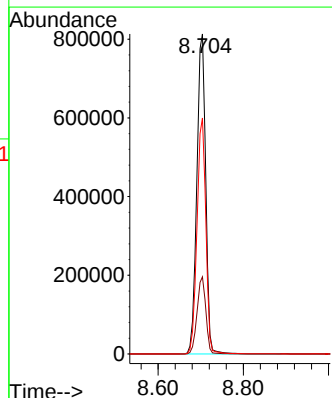
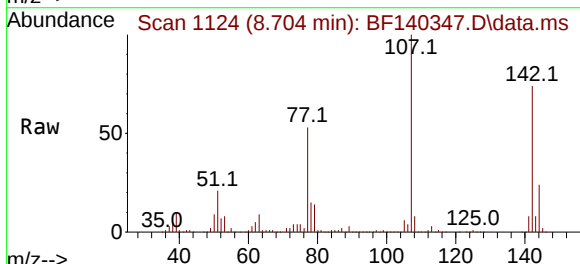
Tgt Ion:107 Resp: 1171651

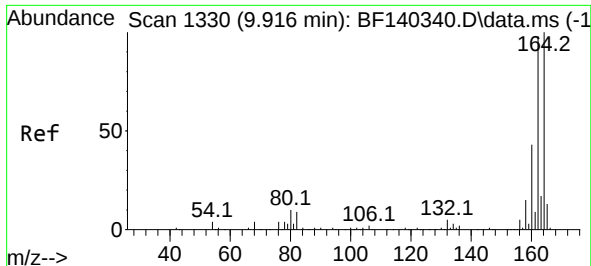
Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 73.8 59.4 89.0

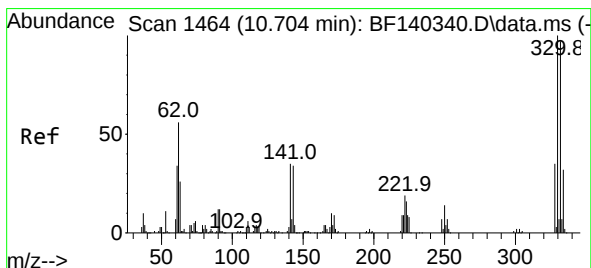
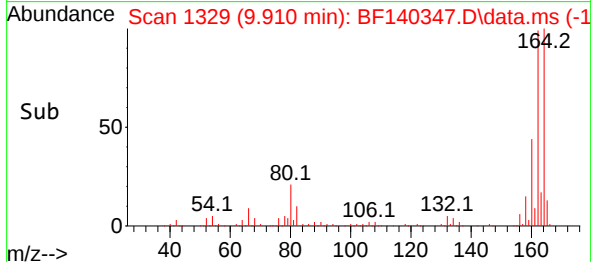
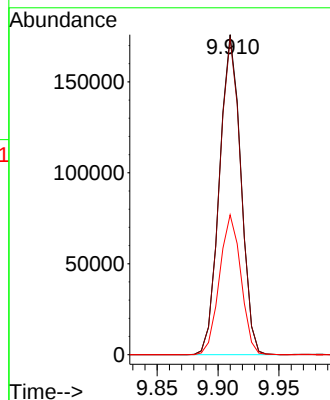
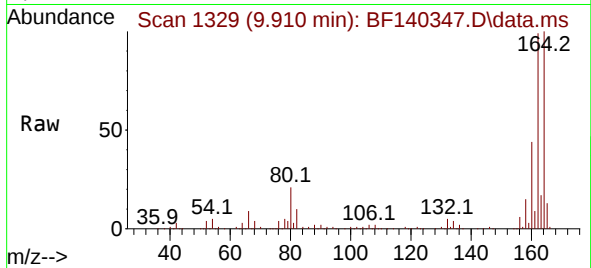




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

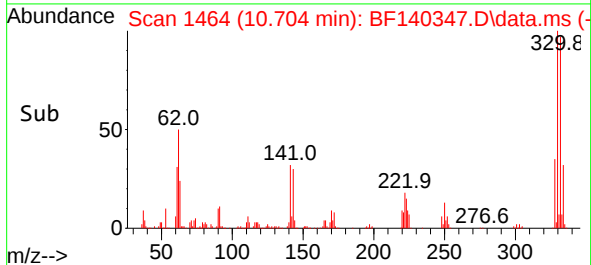
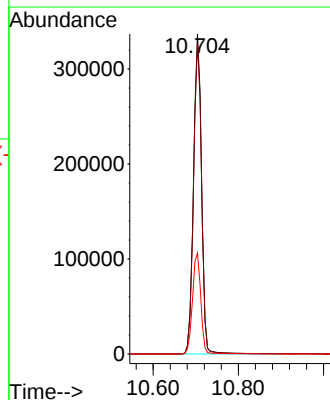
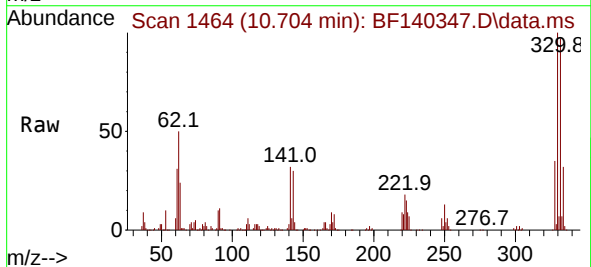
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

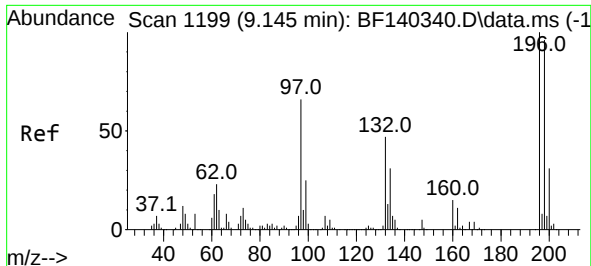
Tgt Ion:164 Resp: 214804
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 207.070 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:330 Resp: 442313
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 32.4 26.9 40.3

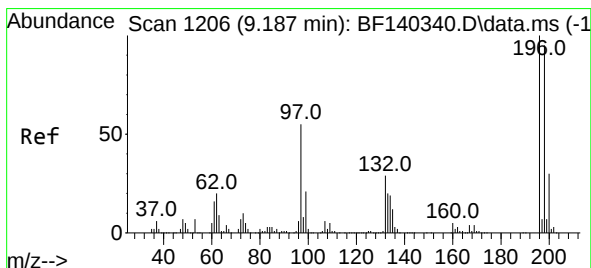
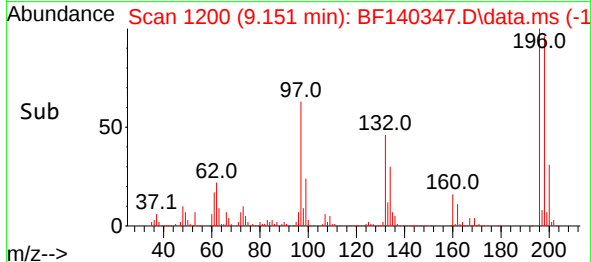
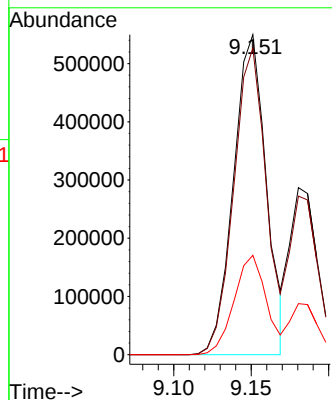
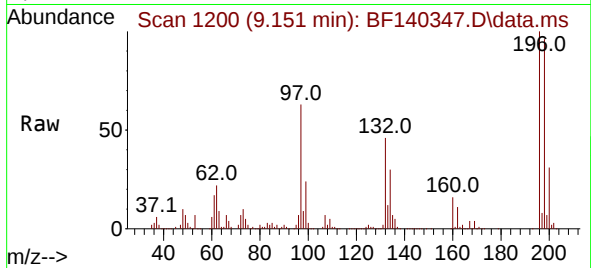




#43
2,4,6-Trichlorophenol
Concen: 206.982 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

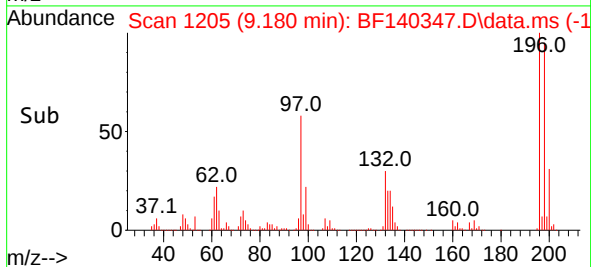
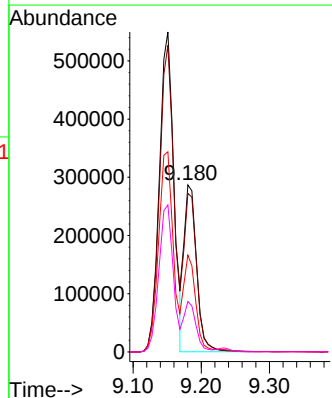
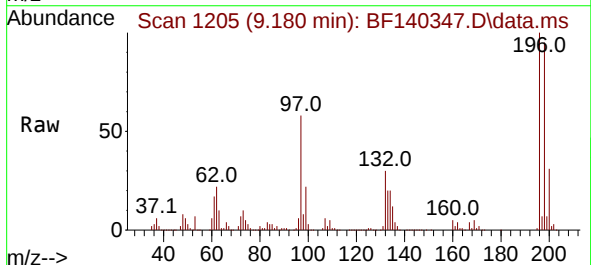
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

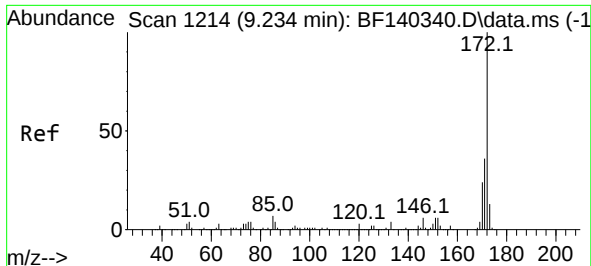
Tgt Ion:196 Resp: 806864
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.4
200 31.1 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 86.714 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:196 Resp: 369579
Ion Ratio Lower Upper
196 100
198 94.9 77.6 116.4
97 57.9 45.4 68.2
132 30.2 24.2 36.2

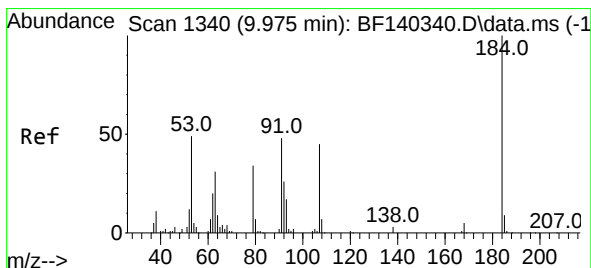
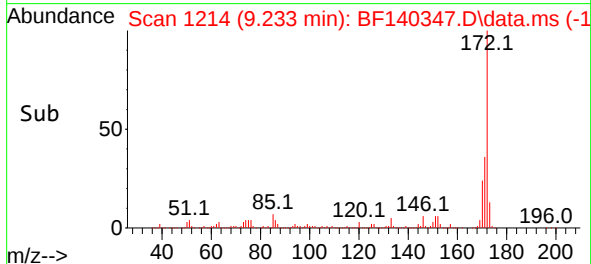
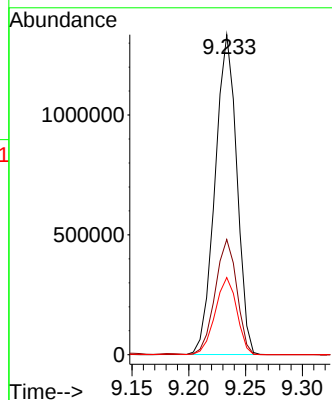
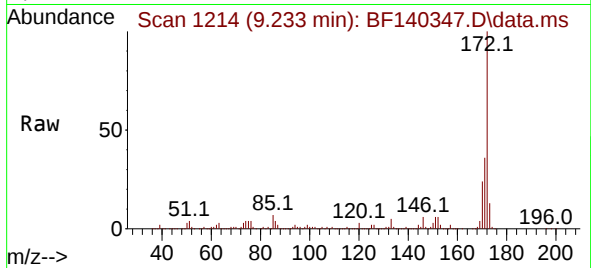




#45
2-Fluorobiphenyl
Concen: 133.252 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

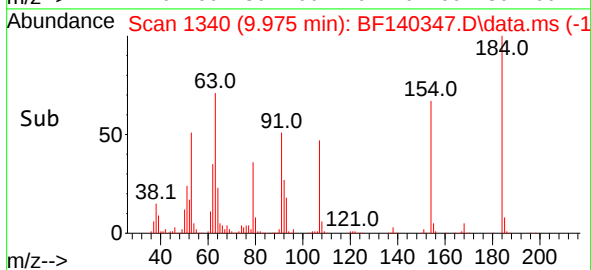
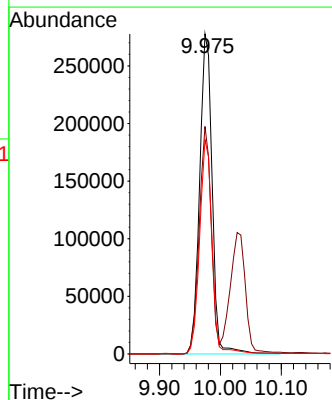
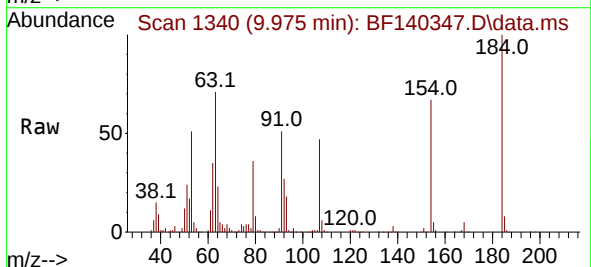
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

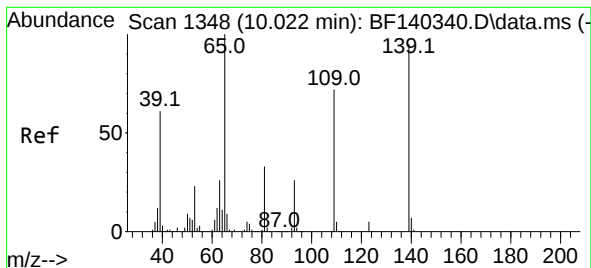
Tgt Ion:172 Resp: 1780545
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 19.1 28.7



#54
2,4-Dinitrophenol
Concen: 239.887 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:184 Resp: 394857
Ion Ratio Lower Upper
184 100
63 71.1 53.5 80.3
154 66.9 51.3 76.9

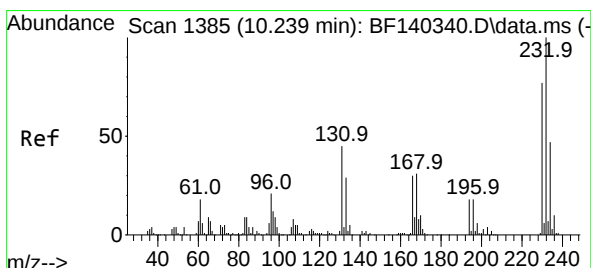
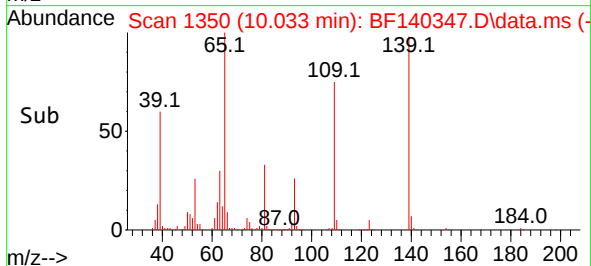
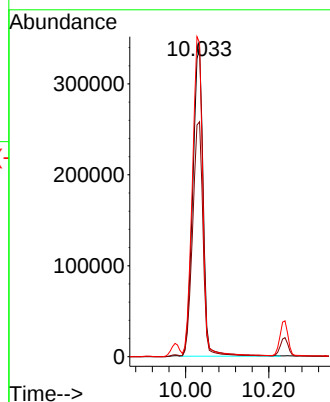
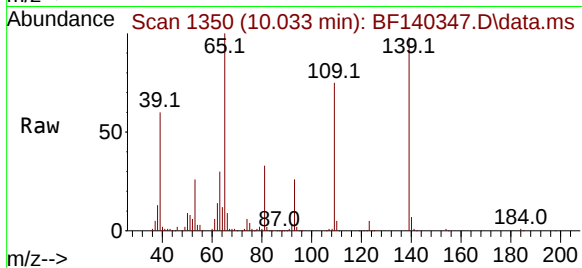




#56
4-Nitrophenol
Concen: 241.389 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

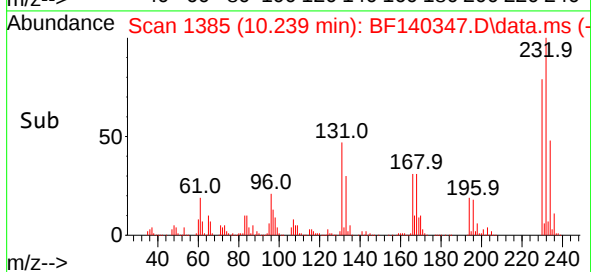
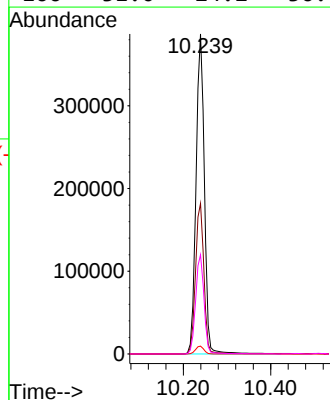
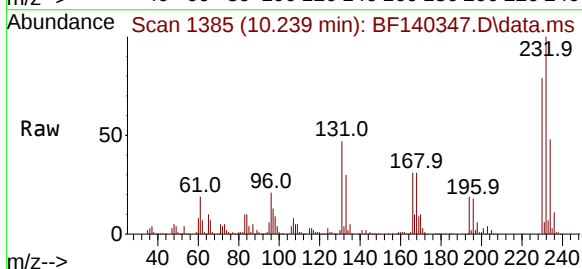
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

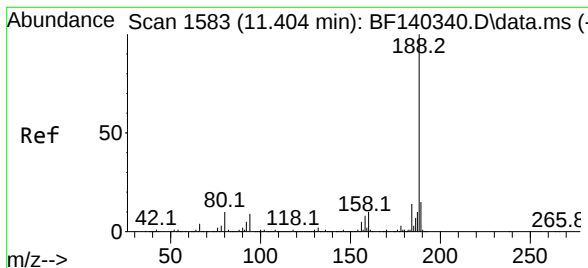
Tgt Ion:139 Resp: 590213
Ion Ratio Lower Upper
139 100
109 76.2 54.5 94.5
65 101.8 84.4 124.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 153.272 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:232 Resp: 515795
Ion Ratio Lower Upper
232 100
131 47.5 36.8 55.2
130 2.4 1.9 2.9
166 31.0 24.2 36.4

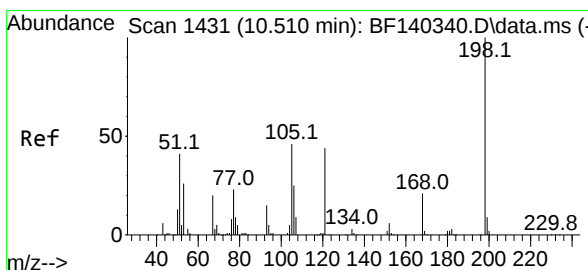
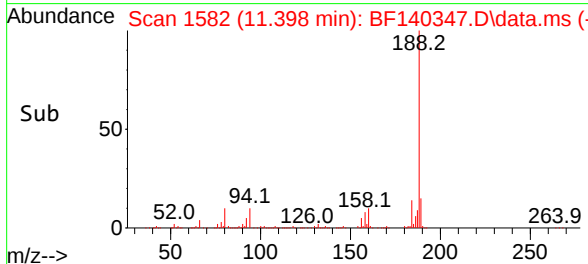
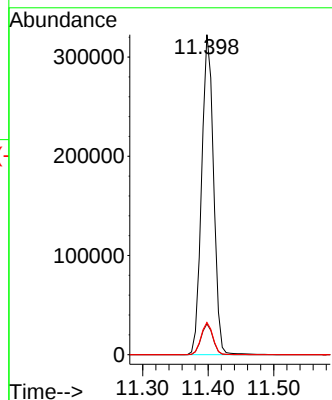
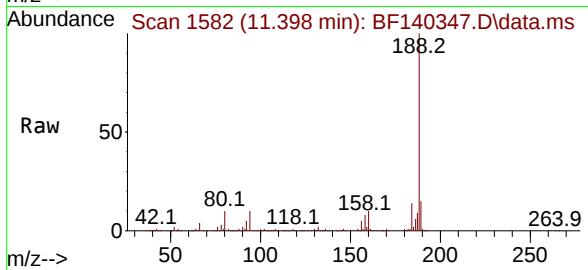




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

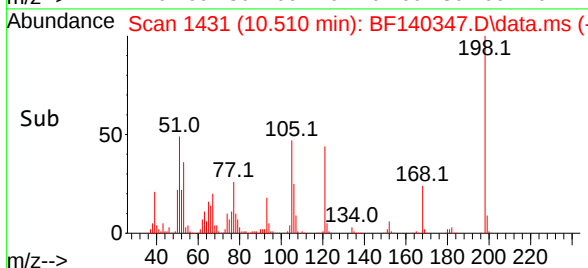
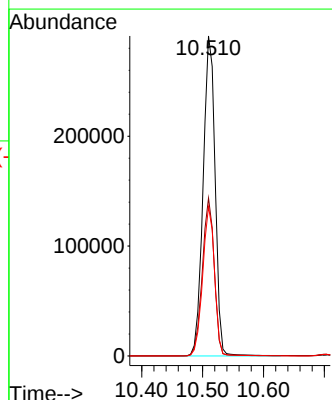
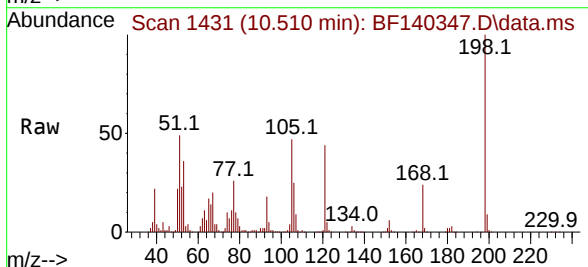
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

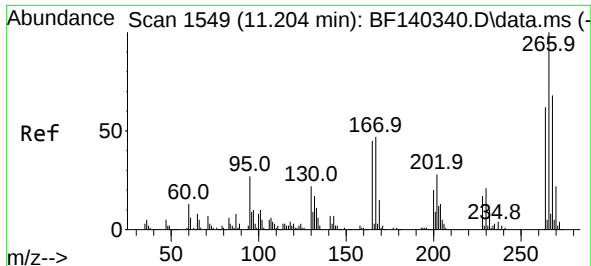
Tgt Ion:188 Resp: 409731
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 181.616 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF140347.D
Acq: 13 Nov 2024 17:32

Tgt Ion:198 Resp: 400363
Ion Ratio Lower Upper
198 100
51 49.4 29.7 69.7
105 46.6 26.3 66.3

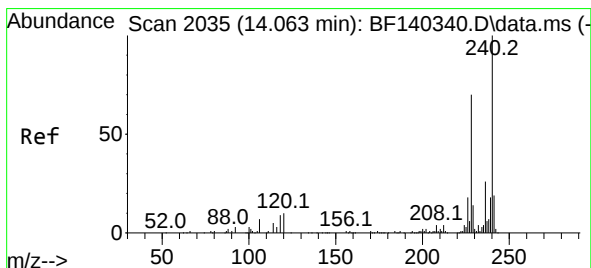
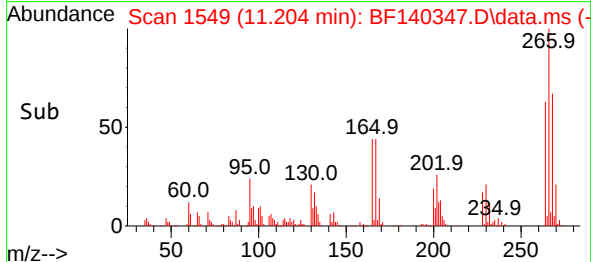
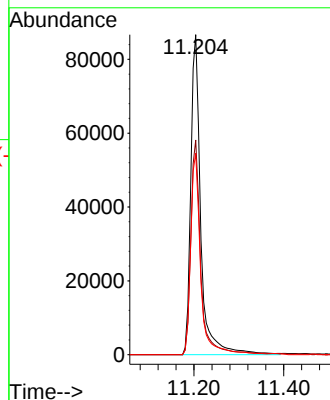
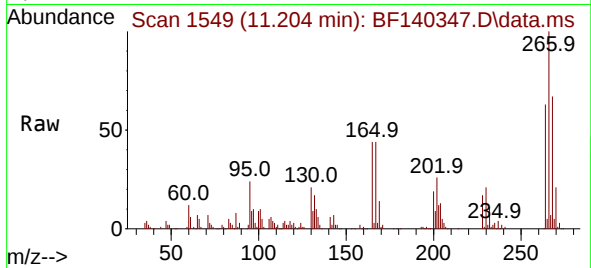




#70
 Pentachlorophenol
 Concen: 54.158 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. -0.000 min
 Lab File: BF140347.D
 Acq: 13 Nov 2024 17:32

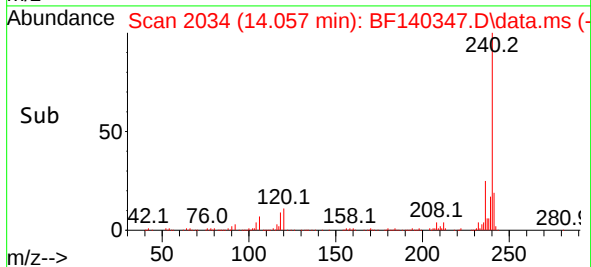
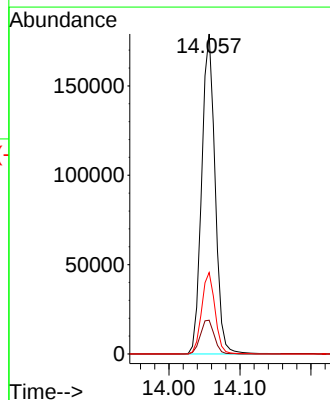
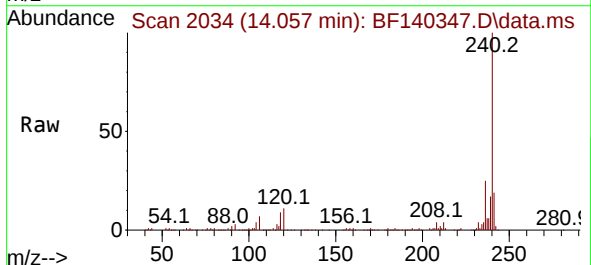
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

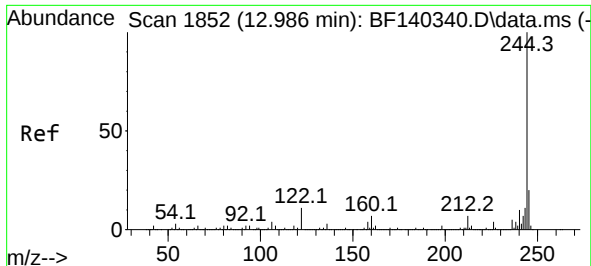
Tgt Ion:266 Resp: 134438
 Ion Ratio Lower Upper
 266 100
 268 67.1 52.9 79.3
 264 62.9 50.3 75.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.057 min Scan# 2034
 Delta R.T. 0.006 min
 Lab File: BF140347.D
 Acq: 13 Nov 2024 17:32

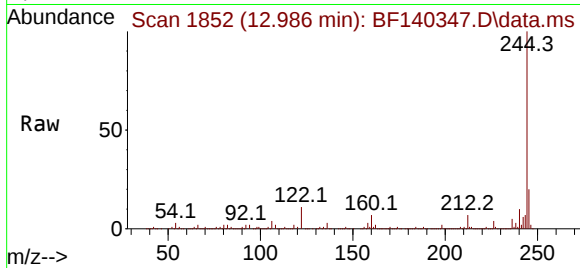
Tgt Ion:240 Resp: 235348
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.8 13.2
 236 25.4 20.9 31.3



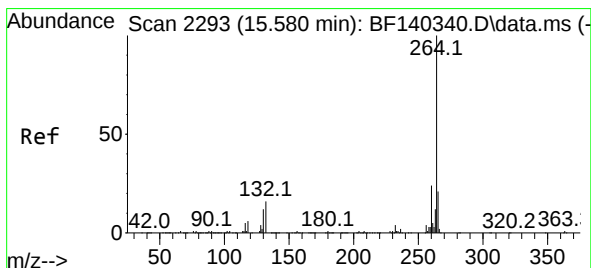
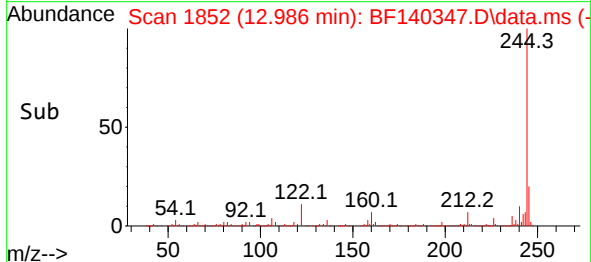
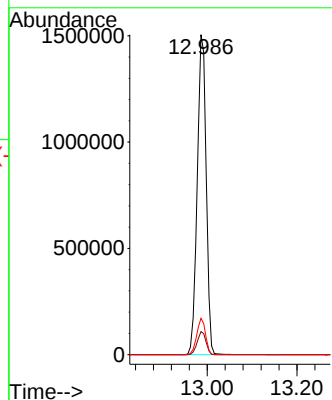


#79
 Terphenyl-d14
 Concen: 153.351 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140347.D
 Acq: 13 Nov 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP



Tgt Ion:244 Resp: 2079213
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.017 min
 Lab File: BF140347.D
 Acq: 13 Nov 2024 17:32

Tgt Ion:264 Resp: 202420
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.1 25.7

