

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140348.D
 Acq On : 13 Nov 2024 17:58
 Operator : RC/JU
 Sample : P3845-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Nov 14 03:11:02 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)

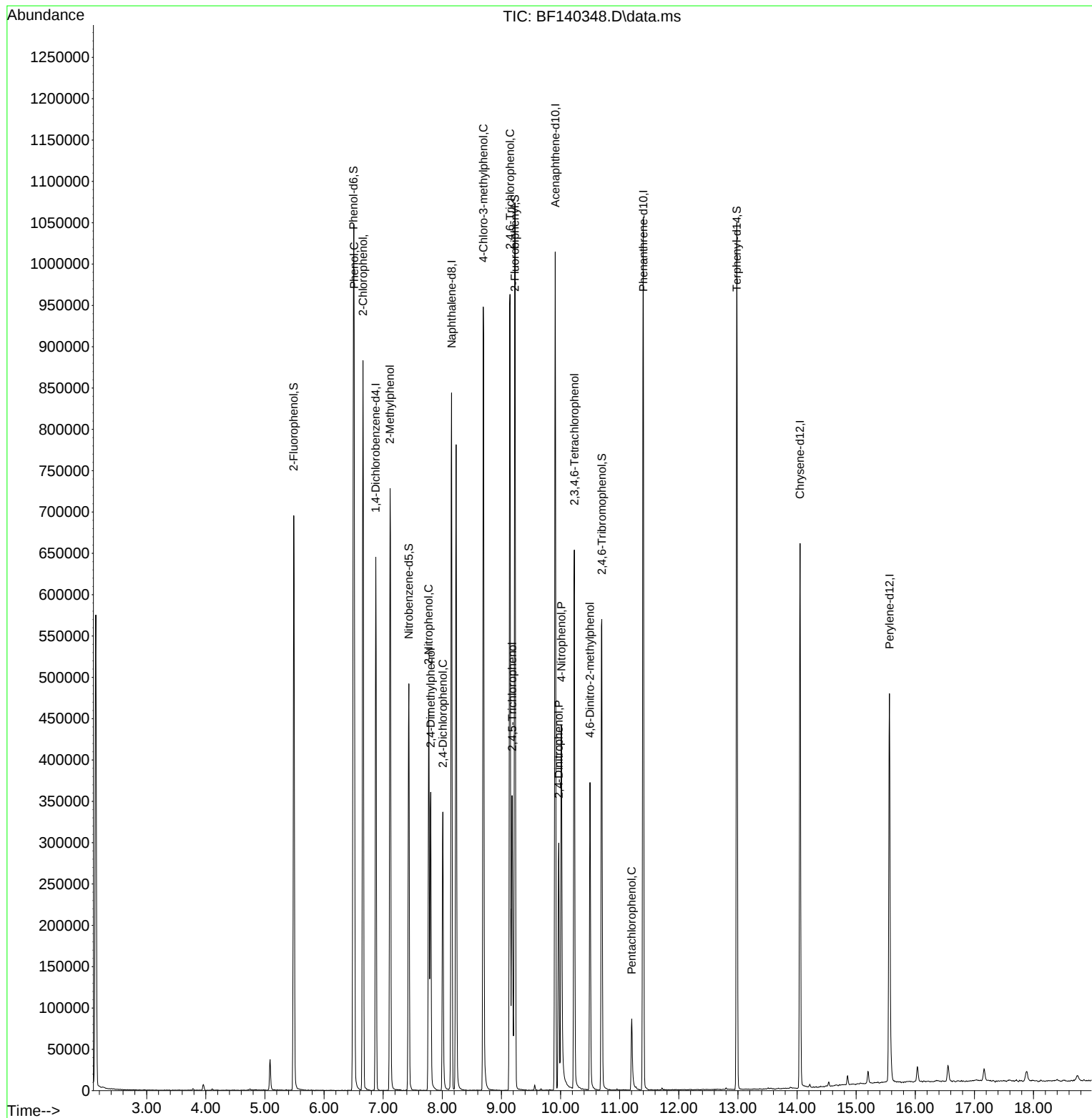
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	133886	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	519975	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	297143	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	555741	20.000	ng	0.00
76) Chrysene-d12	14.051	240	317463	20.000	ng	0.00
86) Perylene-d12	15.563	264	283776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	259165	33.050	ng	0.00
7) Phenol-d6	6.498	99	350947	33.033	ng	0.00
23) Nitrobenzene-d5	7.434	82	221285	22.173	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	96156	32.542	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	456847	24.715	ng	0.00
79) Terphenyl-d14	12.980	244	502102	27.453	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.657	128	303508	36.032	ng	98
10) Phenol	6.510	94	330346	29.485	ng	96
17) 2-Methylphenol	7.116	107	176217	25.431	ng	99
26) 2-Nitrophenol	7.769	139	114169	24.760	ng	99
27) 2,4-Dimethylphenol	7.804	122	98253	16.644	ng	99
29) 2,4-Dichlorophenol	8.010	162	94586	12.965	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	280697	34.719	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	187403	34.753	ng	100
44) 2,4,5-Trichlorophenol	9.181	196	87516	14.844	ng	98
54) 2,4-Dinitrophenol	9.969	184	57266	25.150	ng	97
56) 4-Nitrophenol	10.016	139	115243	34.072	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	118122	25.374	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	69644	23.292	ng	99
70) Pentachlorophenol	11.204	266	19354	5.748	ng	96

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

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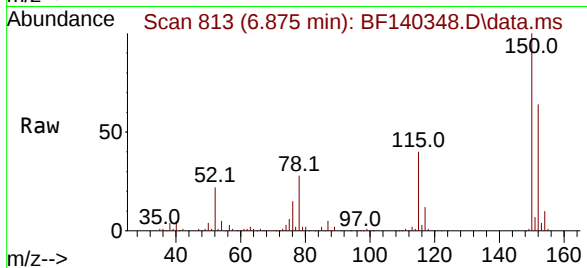
Quant Time: Nov 14 03:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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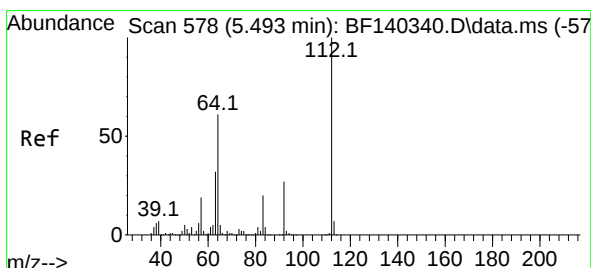
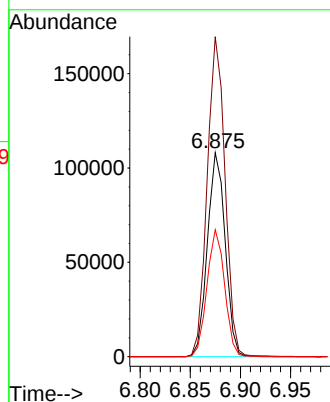
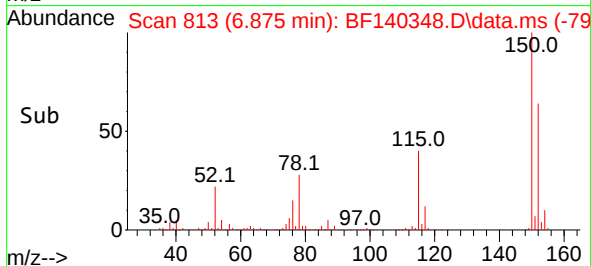


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

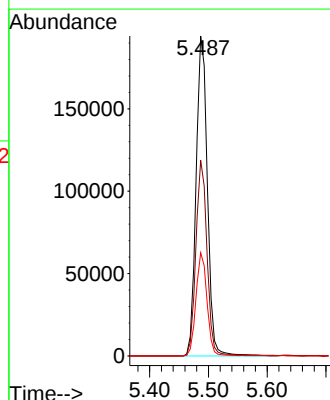
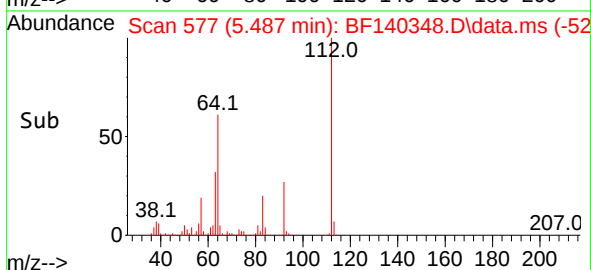
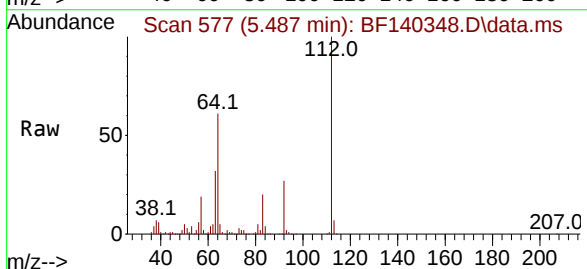


Tgt Ion:152 Resp: 133886
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 62.2 47.4 71.2



#5
2-Fluorophenol
Concen: 33.050 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion:112 Resp: 259165
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.2 25.6 38.4

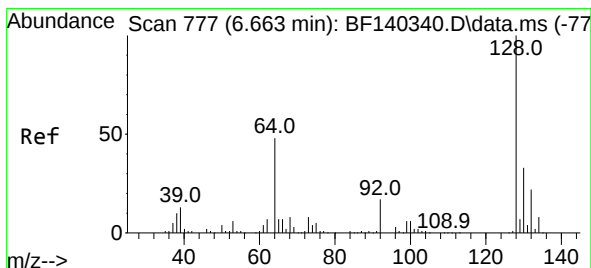
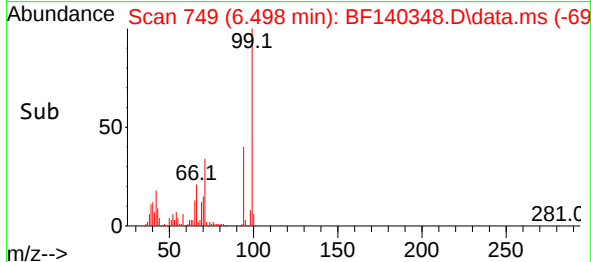
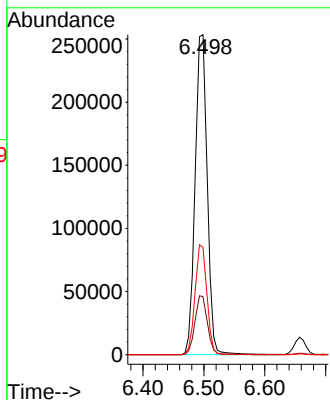
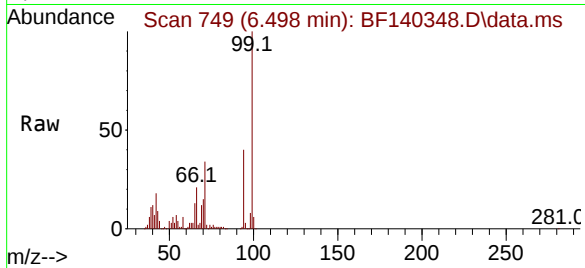




#7
Phenol-d6
Concen: 33.033 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

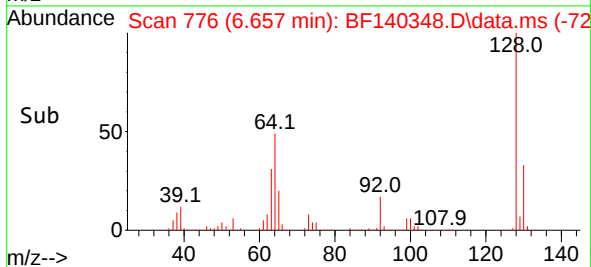
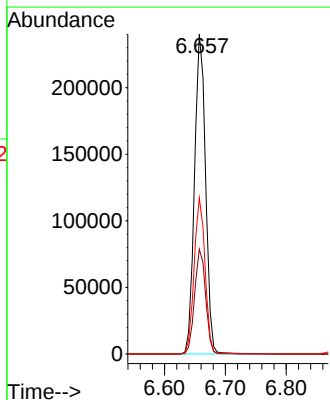
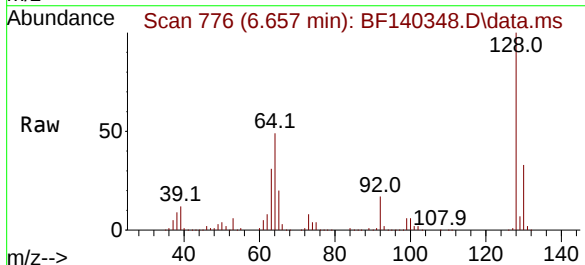
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

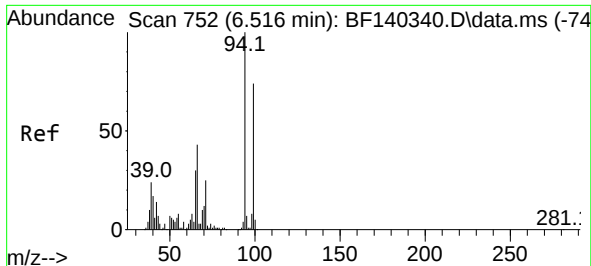
Tgt Ion: 99 Resp: 350947
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 33.6 27.9 41.9



#8
2-Chlorophenol
Concen: 36.032 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion: 128 Resp: 303508
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.8 30.2 70.2

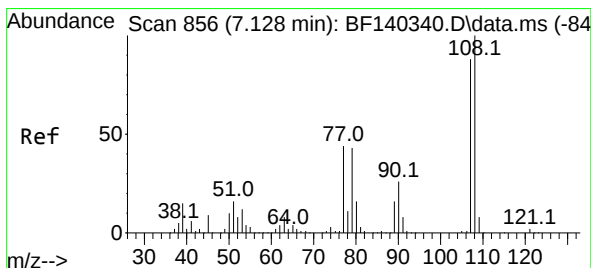
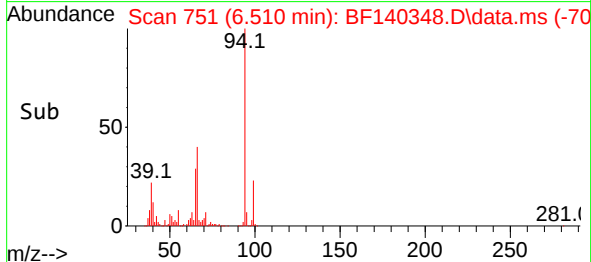
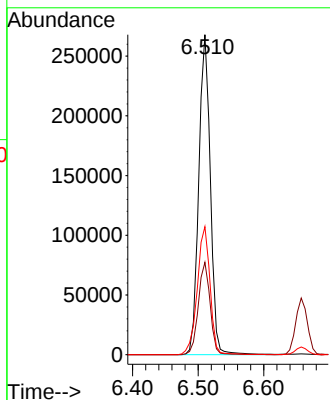
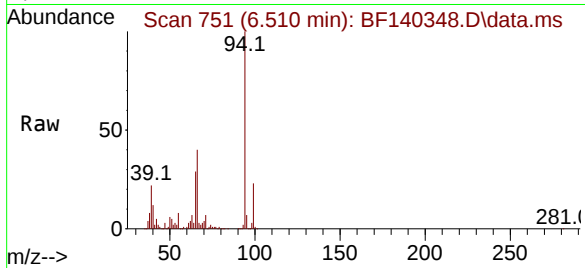




#10
Phenol
Concen: 29.485 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

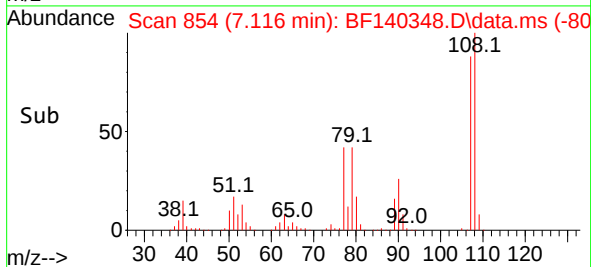
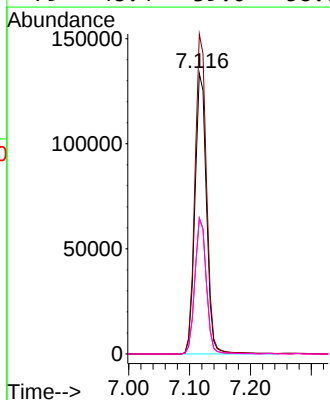
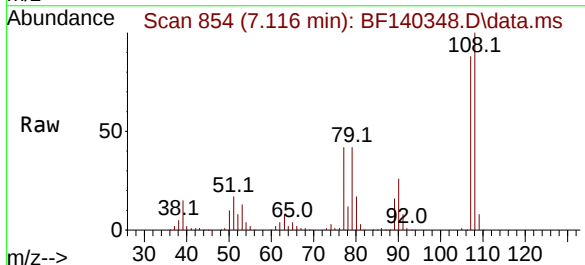
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

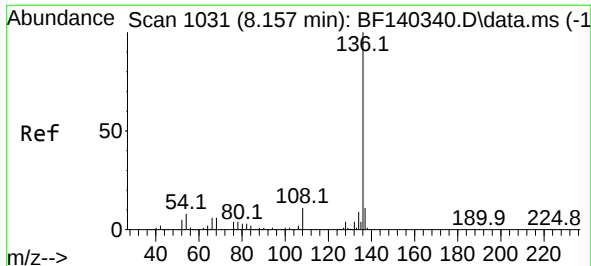
Tgt Ion: 94 Resp: 330346
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 40.0 22.9 62.9



#17
2-Methylphenol
Concen: 25.431 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion: 107 Resp: 176217
Ion Ratio Lower Upper
107 100
108 114.0 91.9 137.9
77 48.4 39.7 59.5
79 48.4 39.0 58.6



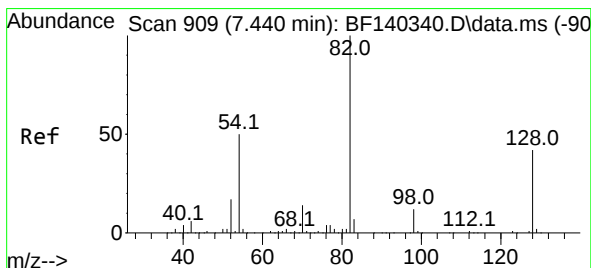
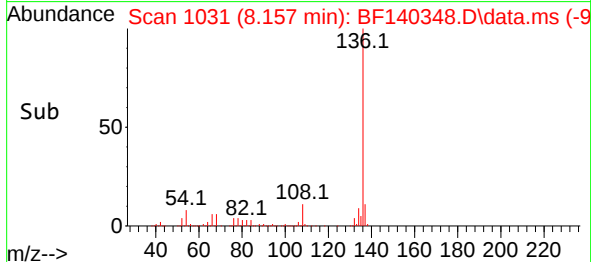
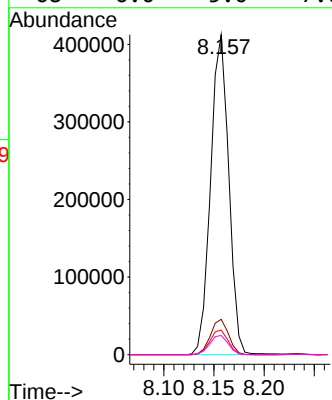
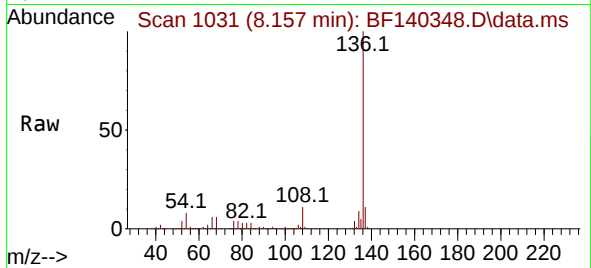


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:136 Resp: 519975

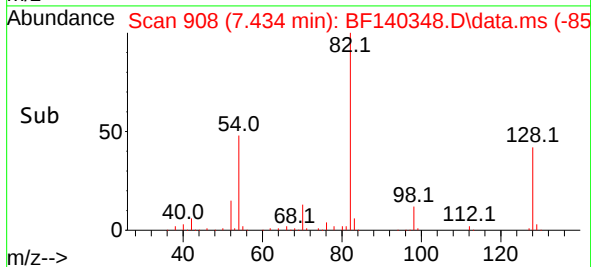
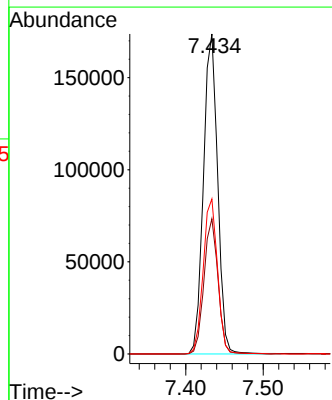
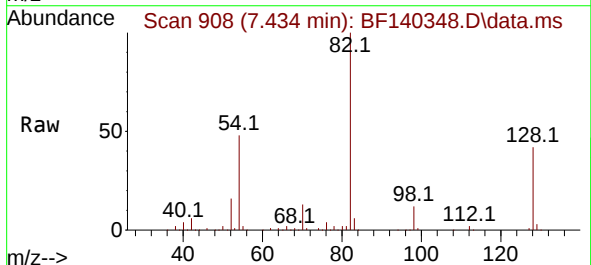
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.7	6.5	9.7
68	6.0	5.0	7.6

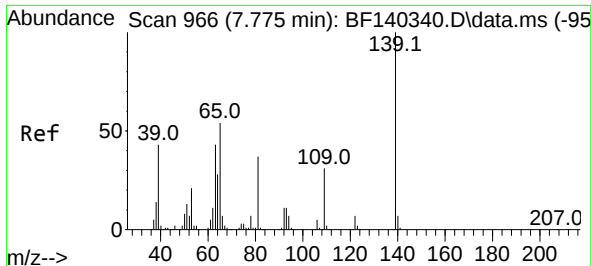


#23
Nitrobenzene-d5
Concen: 22.173 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion: 82 Resp: 221285

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	48.4	39.8	59.8

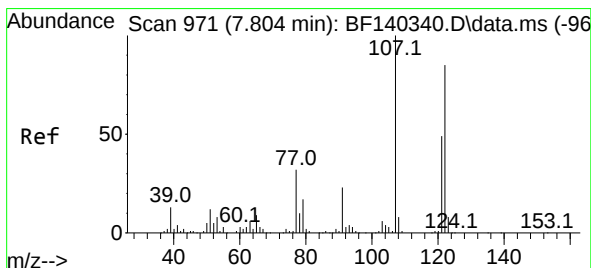
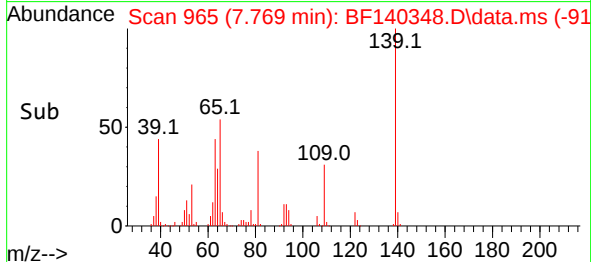
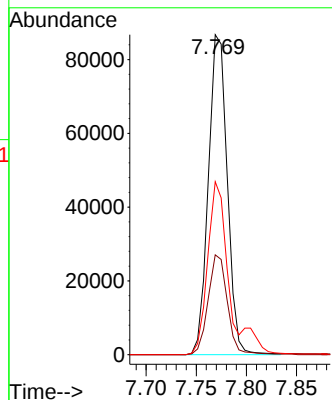
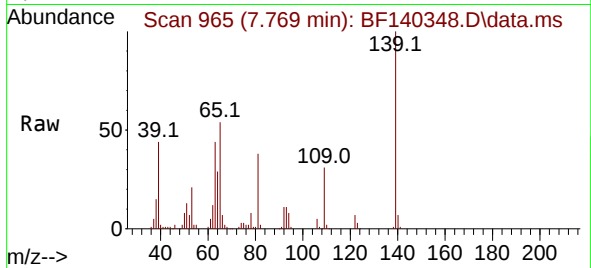




#26
2-Nitrophenol
Concen: 24.760 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

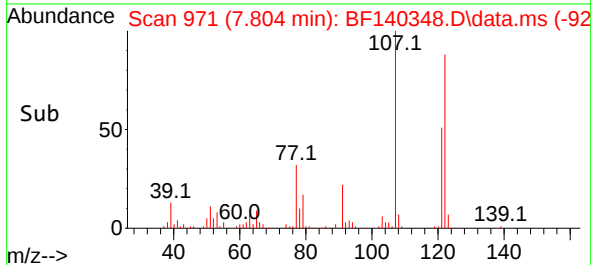
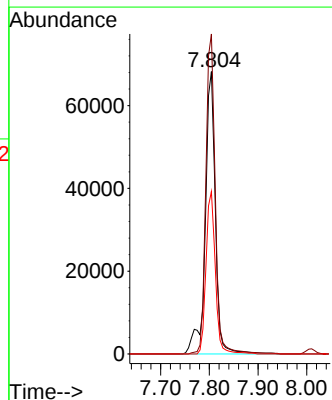
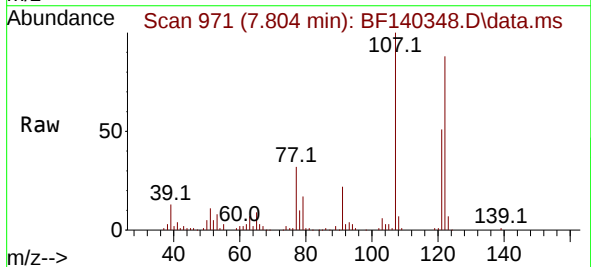
Instrument :
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ClientSampleId :
PT-ACIDS-WPDL

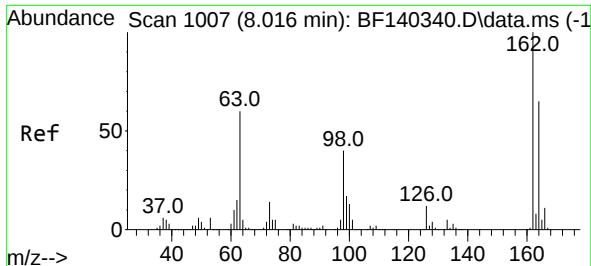
Tgt Ion:139 Resp: 114169
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 54.1 42.8 64.2



#27
2,4-Dimethylphenol
Concen: 16.644 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion:122 Resp: 98253
Ion Ratio Lower Upper
122 100
107 113.3 91.3 136.9
121 57.5 45.5 68.3





#29

2,4-Dichlorophenol

Concen: 12.965 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

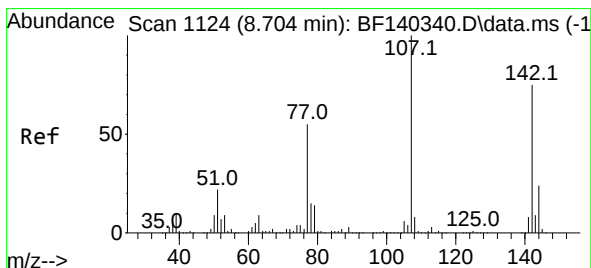
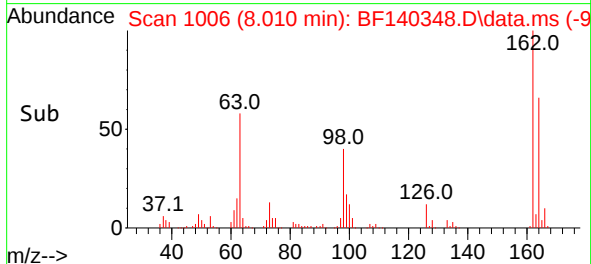
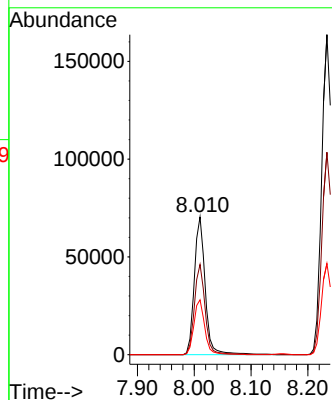
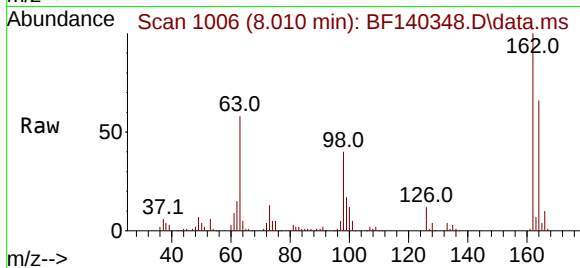
Tgt Ion:162 Resp: 94586

Ion Ratio Lower Upper

162 100

164 65.5 45.4 85.4

98 39.9 19.9 59.9



#36

4-Chloro-3-methylphenol

Concen: 34.719 ng

RT: 8.692 min Scan# 1122

Delta R.T. -0.012 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

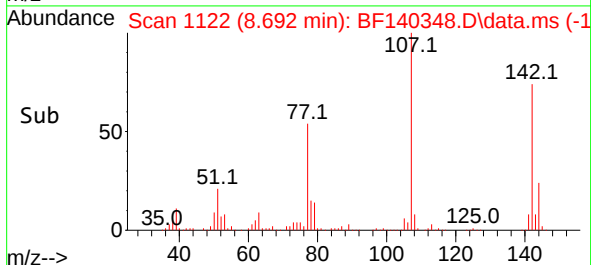
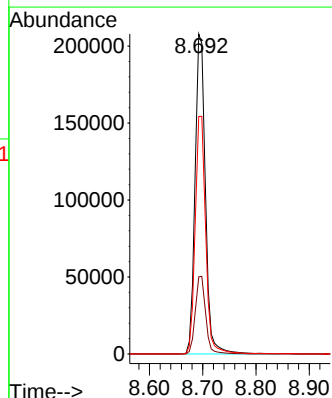
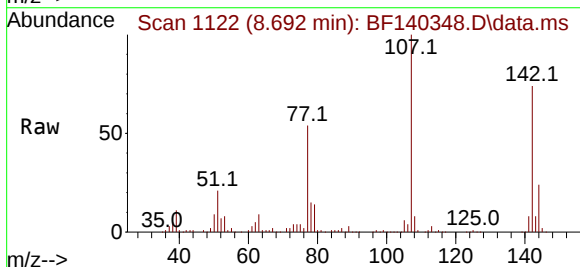
Tgt Ion:107 Resp: 280697

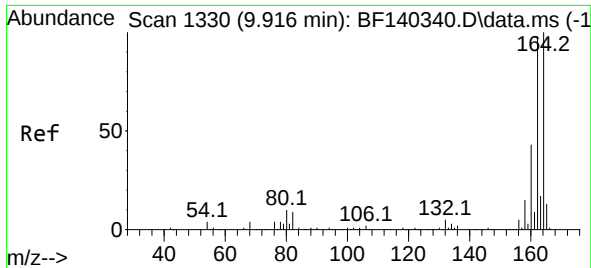
Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 74.2 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: BF140348.D

Acq: 13 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

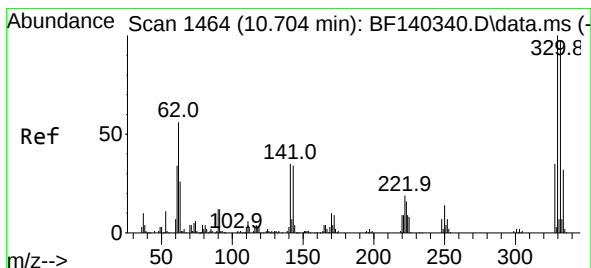
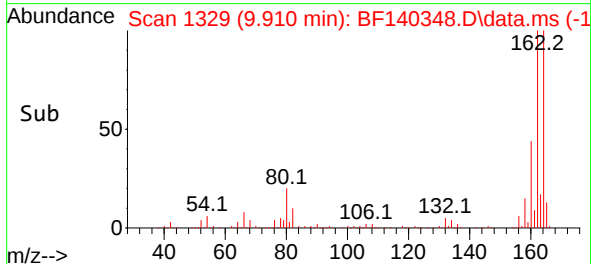
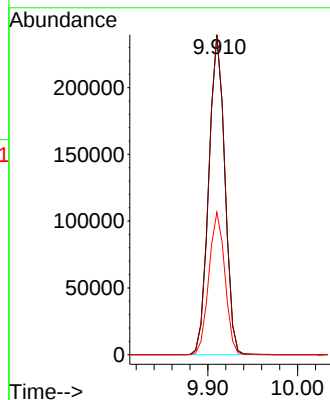
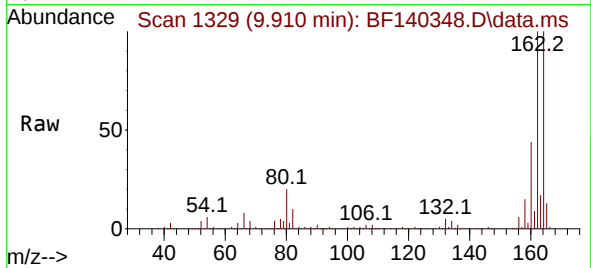
Tgt Ion:164 Resp: 297143

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 32.542 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

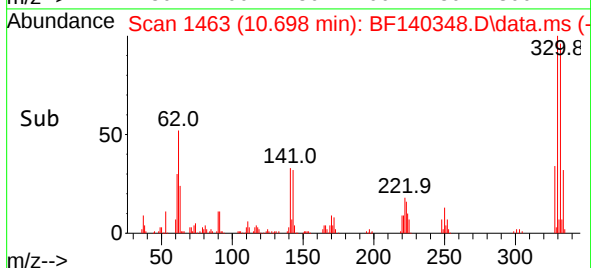
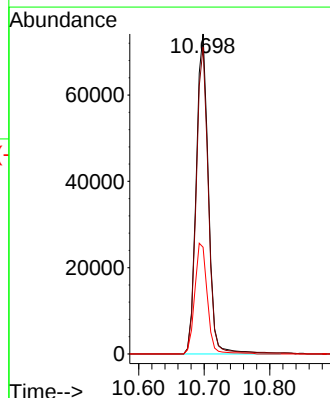
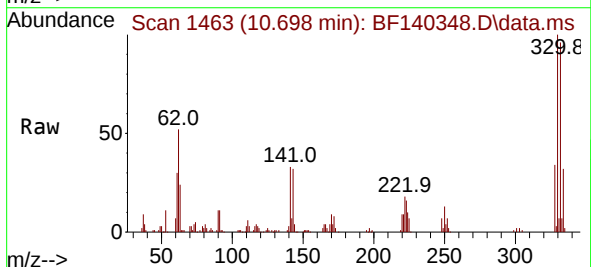
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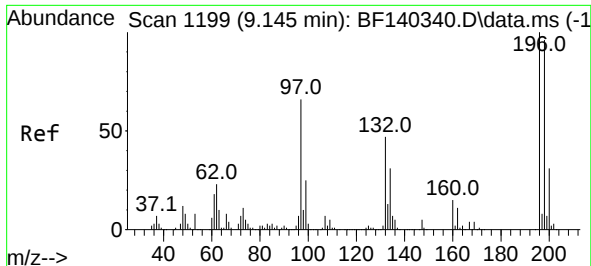
Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

141 35.5 26.9 40.3

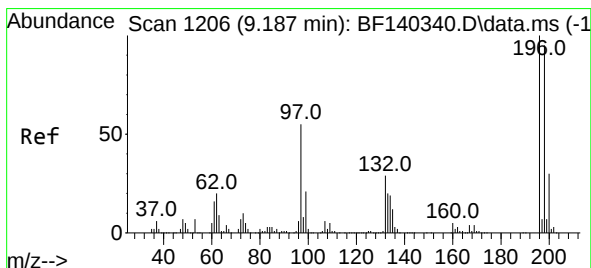
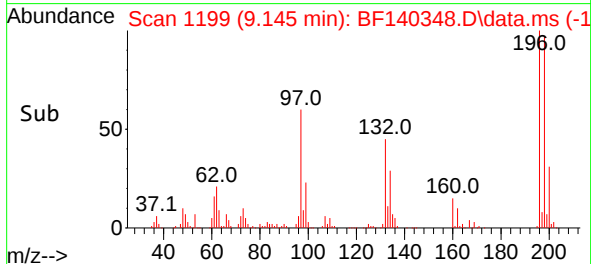
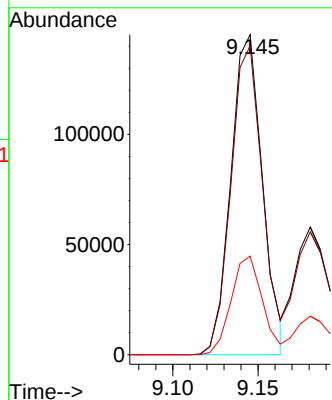
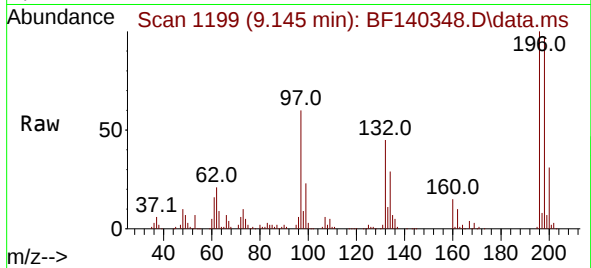




#43
2,4,6-Trichlorophenol
Concen: 34.753 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

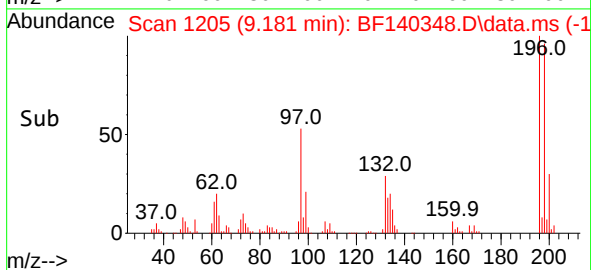
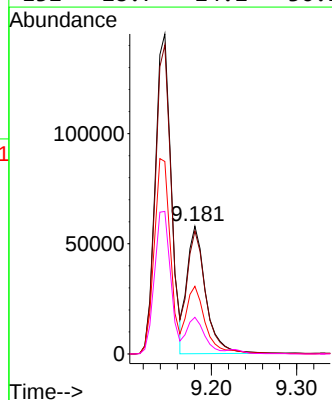
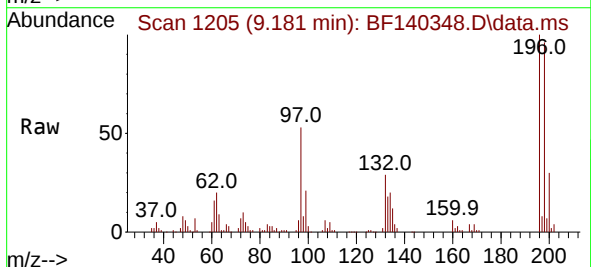
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

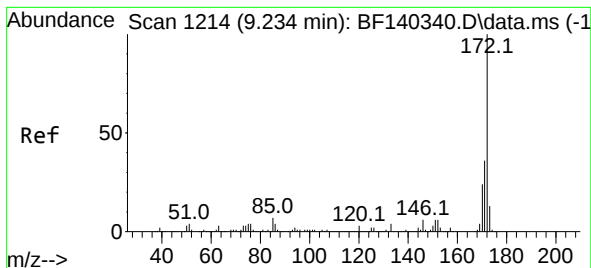
Tgt Ion:196 Resp: 187403
Ion Ratio Lower Upper
196 100
198 96.6 77.0 115.4
200 30.8 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 14.844 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion:196 Resp: 87516
Ion Ratio Lower Upper
196 100
198 96.3 77.6 116.4
97 53.0 45.4 68.2
132 28.7 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 24.715 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

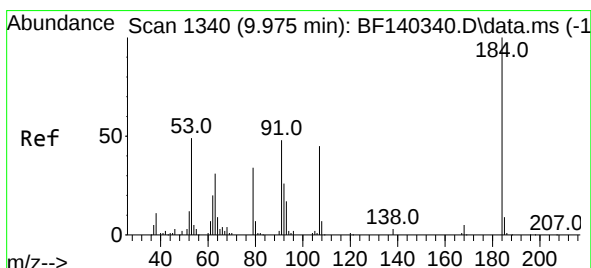
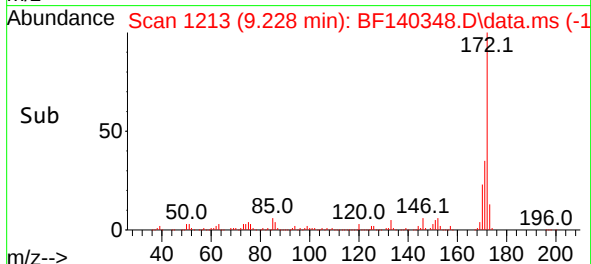
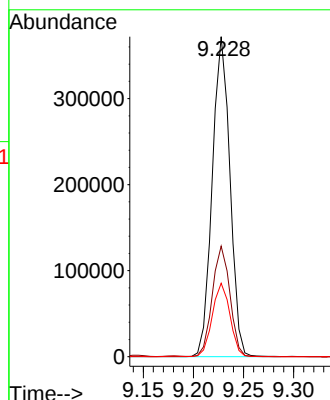
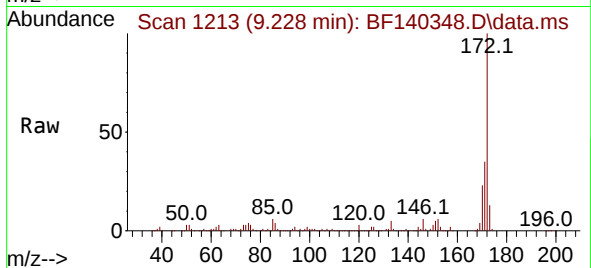
Tgt Ion:172 Resp: 456847

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.0 19.1 28.7



#54

2,4-Dinitrophenol

Concen: 25.150 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

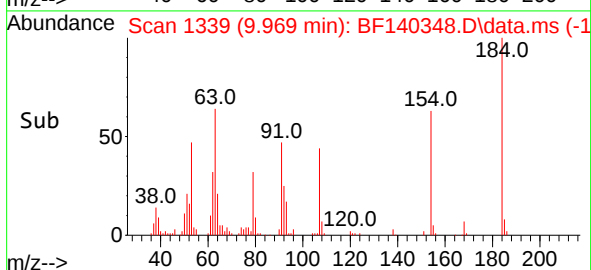
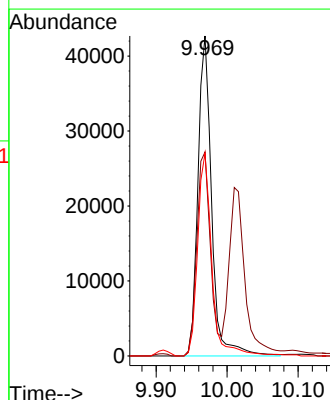
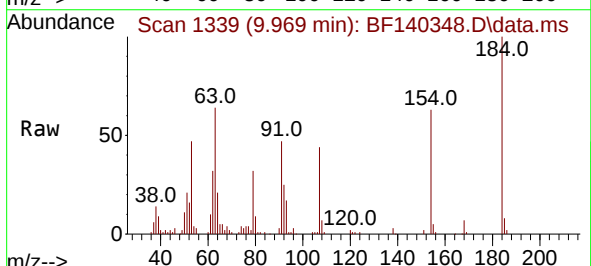
Tgt Ion:184 Resp: 57266

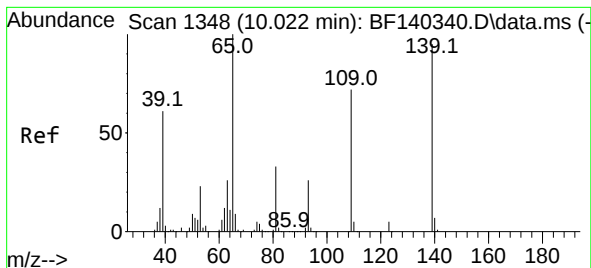
Ion Ratio Lower Upper

184 100

63 63.7 53.5 80.3

154 63.3 51.3 76.9

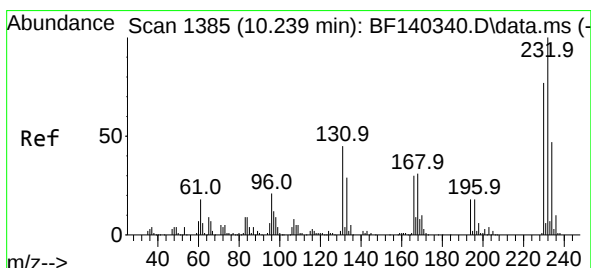
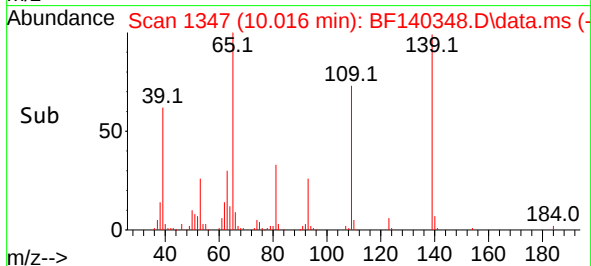
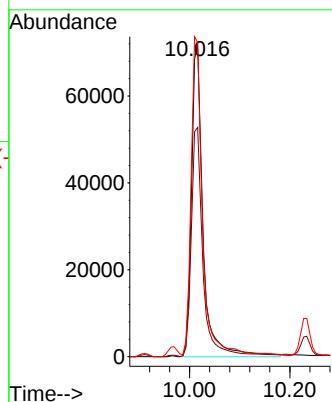
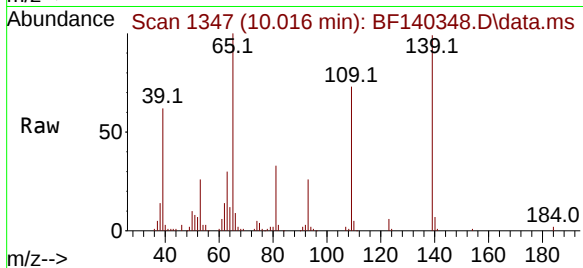




#56
4-Nitrophenol
Concen: 34.072 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

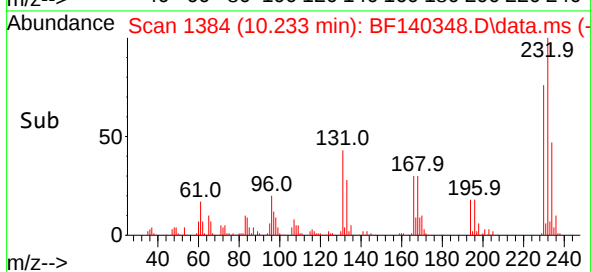
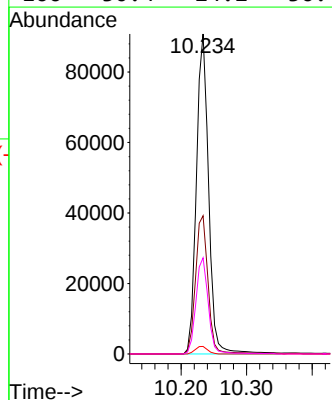
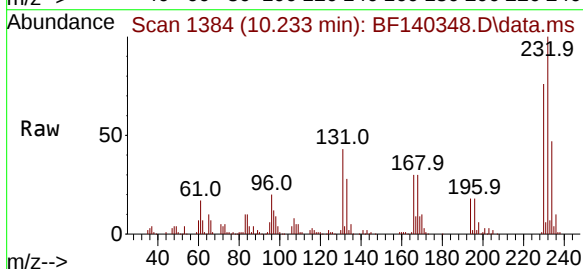
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

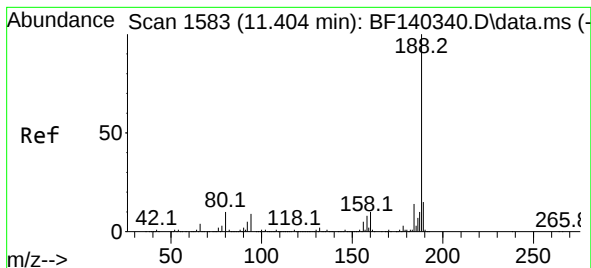
Tgt Ion:139 Resp: 115243
Ion Ratio Lower Upper
139 100
109 73.5 54.5 94.5
65 100.6 84.4 124.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 25.374 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Tgt Ion:232 Resp: 118122
Ion Ratio Lower Upper
232 100
131 44.5 36.8 55.2
130 2.4 1.9 2.9
166 30.4 24.2 36.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

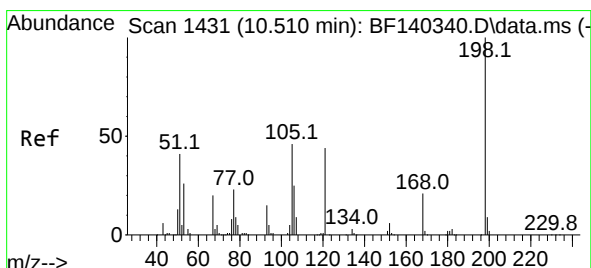
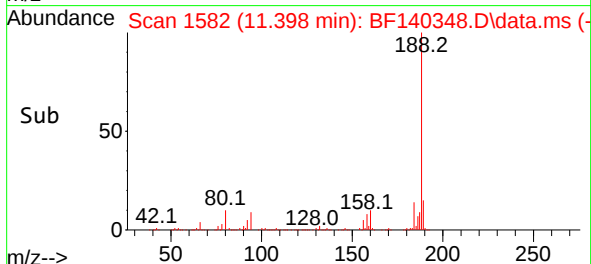
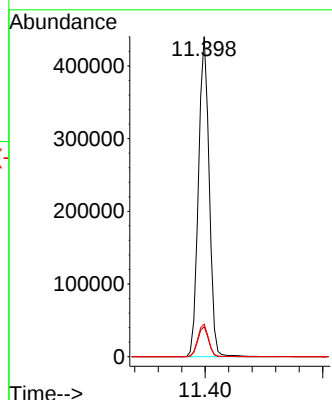
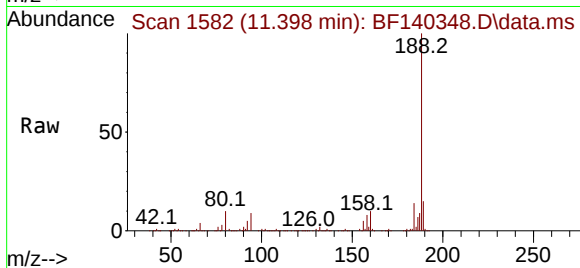
Tgt Ion:188 Resp: 555741

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.2 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 23.292 ng

RT: 10.498 min Scan# 1429

Delta R.T. -0.012 min

Lab File: BF140348.D

Acq: 13 Nov 2024 17:58

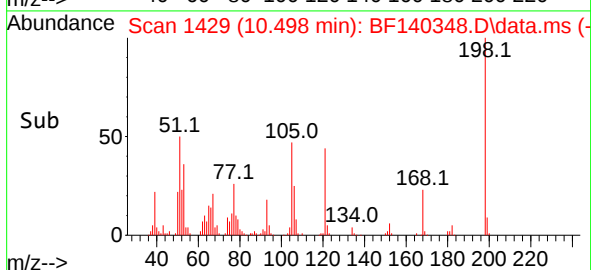
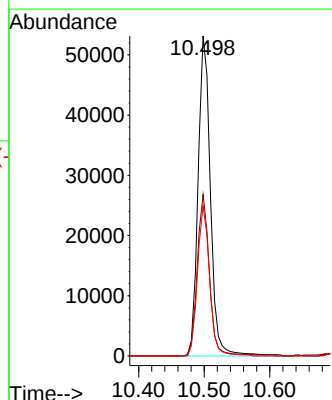
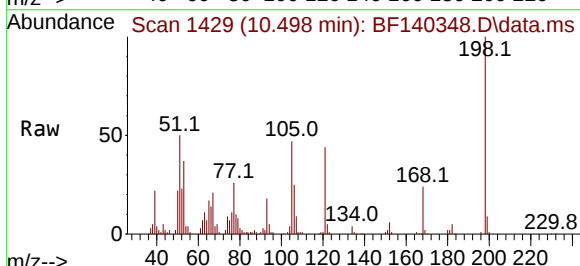
Tgt Ion:198 Resp: 69644

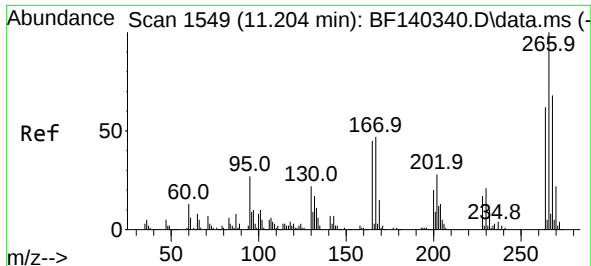
Ion Ratio Lower Upper

198 100

51 50.4 29.7 69.7

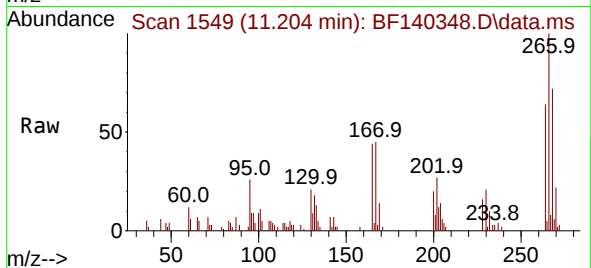
105 47.0 26.3 66.3



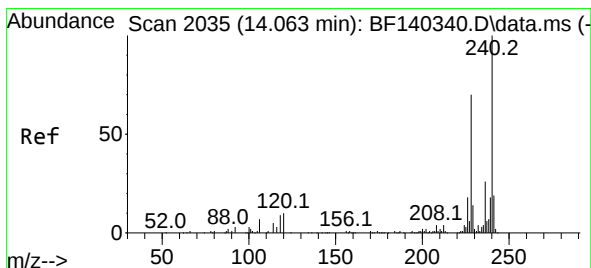
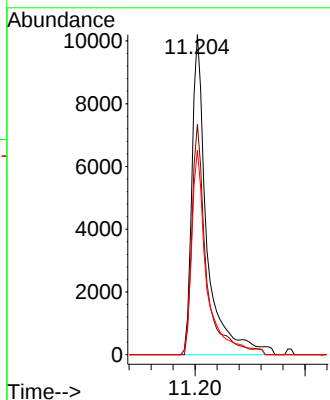
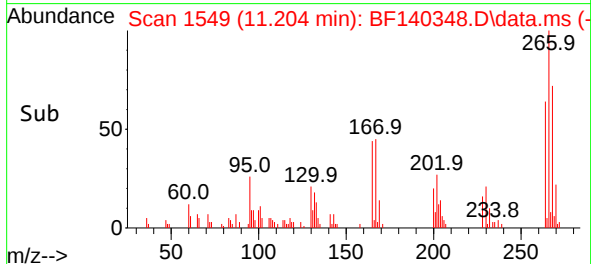


#70
Pentachlorophenol
Concen: 5.748 ng
RT: 11.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

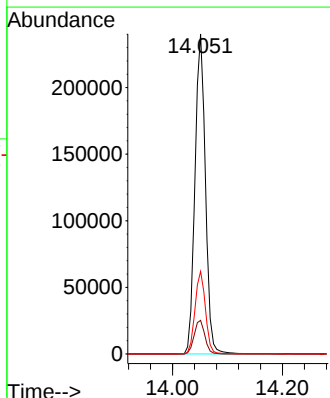
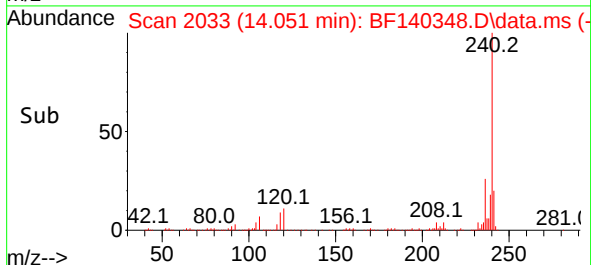
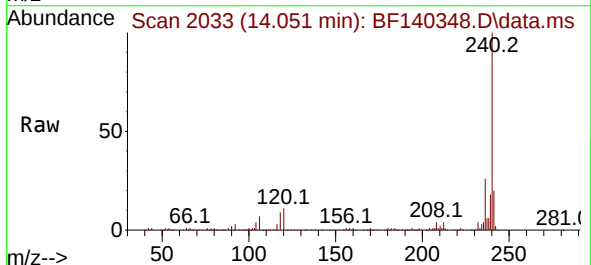


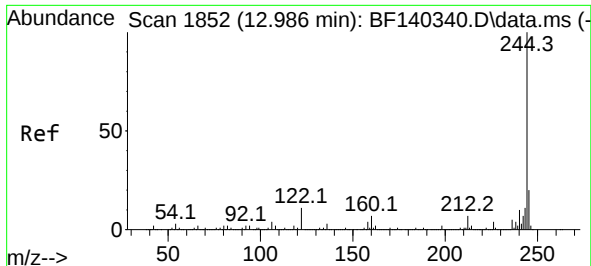
Tgt Ion:266 Resp: 19354
Ion Ratio Lower Upper
266 100
268 72.0 52.9 79.3
264 64.0 50.3 75.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140348.D
Acq: 13 Nov 2024 17:58

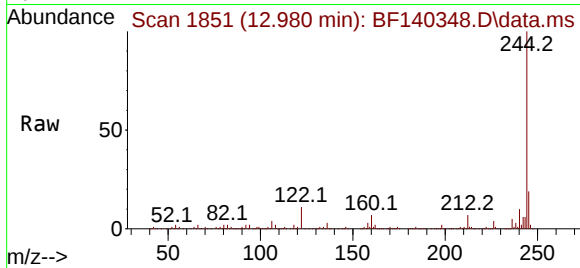
Tgt Ion:240 Resp: 317463
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.8 20.9 31.3



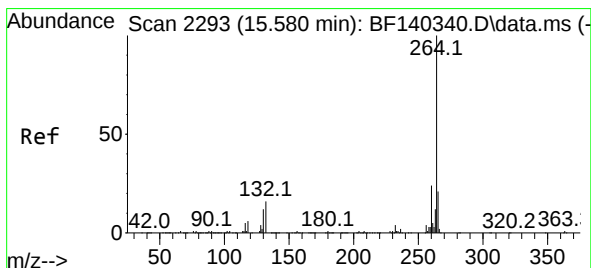
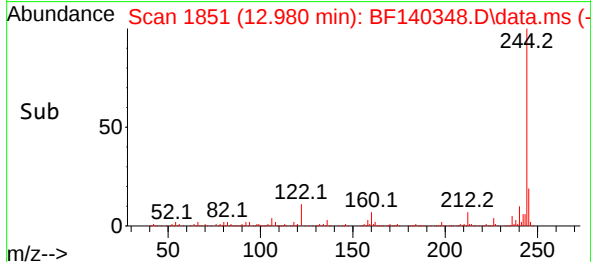
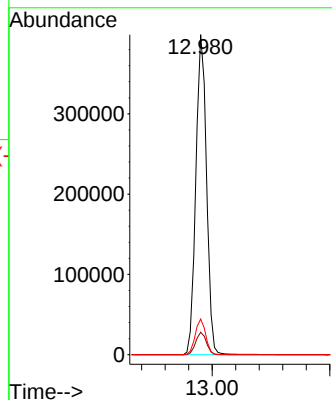


#79
 Terphenyl-d14
 Concen: 27.453 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140348.D
 Acq: 13 Nov 2024 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL



Tgt Ion:244 Resp: 502102
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140348.D
 Acq: 13 Nov 2024 17:58

Tgt Ion:264 Resp: 283776
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.1 25.7

