

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140356.D
 Acq On : 14 Nov 2024 11:54
 Operator : RC/JU
 Sample : P3845-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Nov 14 12:24:32 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)

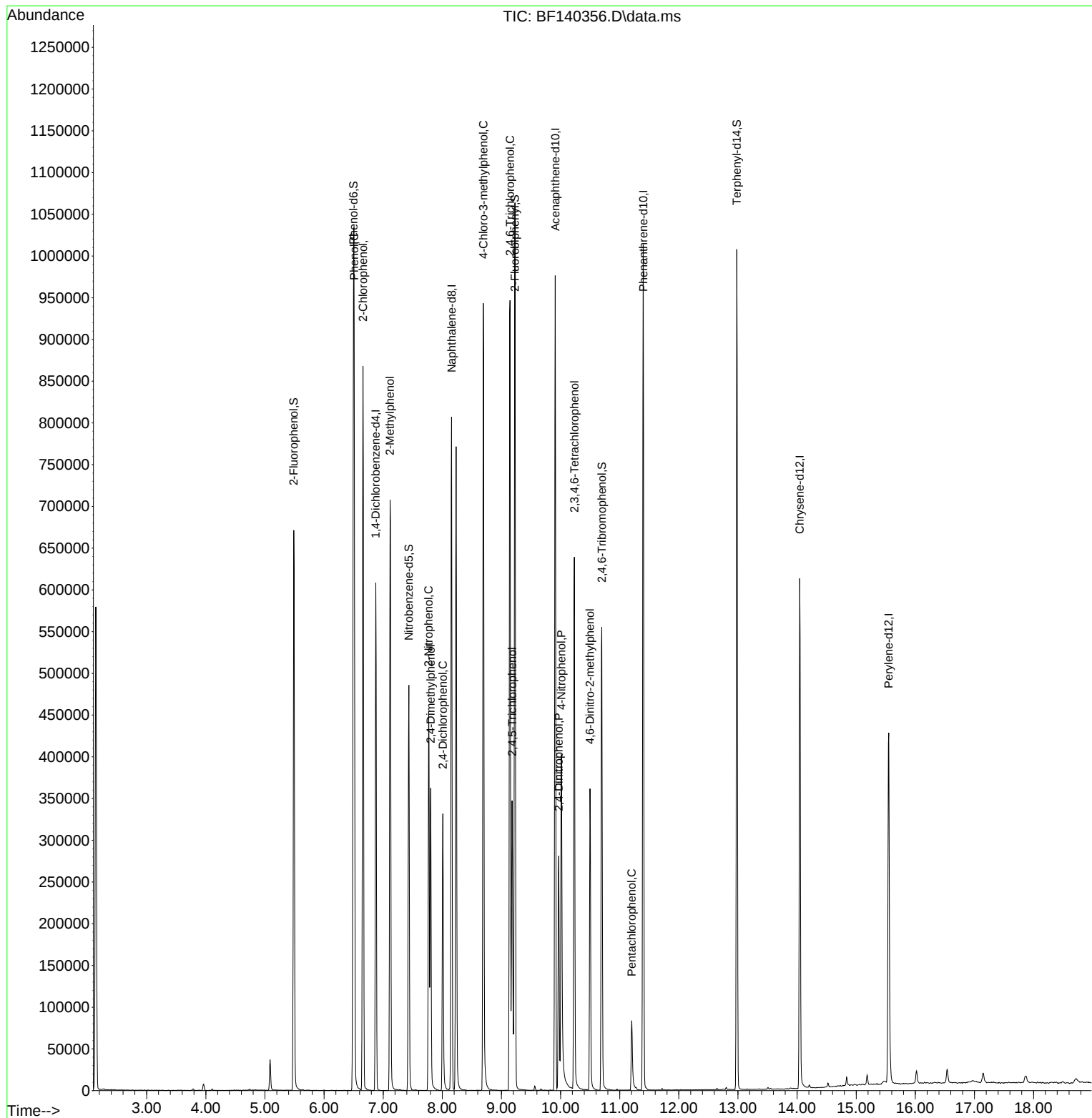
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128532	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	491911	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	281975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	534347	20.000	ng	0.00
76) Chrysene-d12	14.045	240	298046	20.000	ng	0.00
86) Perylene-d12	15.551	264	264111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	254547	33.813	ng	0.00
7) Phenol-d6	6.498	99	345600	33.885	ng	0.00
23) Nitrobenzene-d5	7.434	82	216475	22.929	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	94275	33.621	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	447048	25.486	ng	0.00
79) Terphenyl-d14	12.980	244	489887	28.531	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.657	128	301984	37.344	ng	99
10) Phenol	6.510	94	322035	29.940	ng	96
17) 2-Methylphenol	7.116	107	174293	26.201	ng	99
26) 2-Nitrophenol	7.769	139	109721	25.153	ng	95
27) 2,4-Dimethylphenol	7.804	122	97028	17.374	ng	99
29) 2,4-Dichlorophenol	8.010	162	92746	13.438	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	275180	35.978	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	182279	35.621	ng	100
44) 2,4,5-Trichlorophenol	9.181	196	85503	15.283	ng	99
54) 2,4-Dinitrophenol	9.969	184	52801	24.437	ng	98
56) 4-Nitrophenol	10.016	139	110362	34.384	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	114623	25.947	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	69323	24.113	ng	99
70) Pentachlorophenol	11.204	266	18357	5.670	ng	94

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

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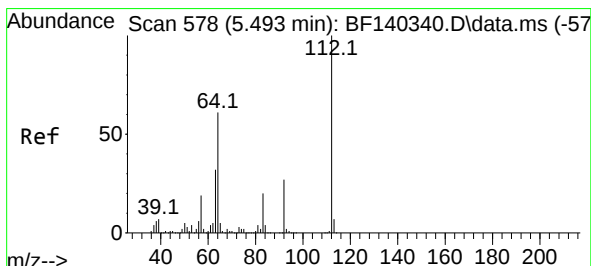
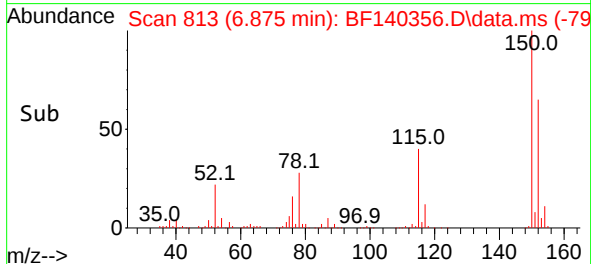
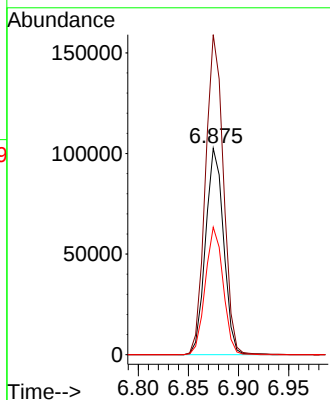
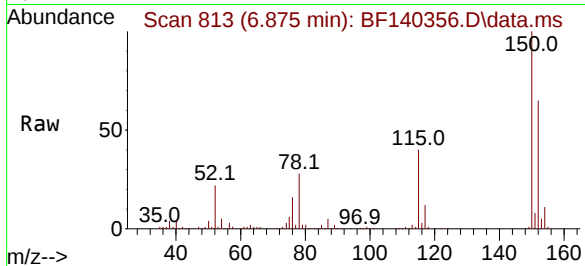




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

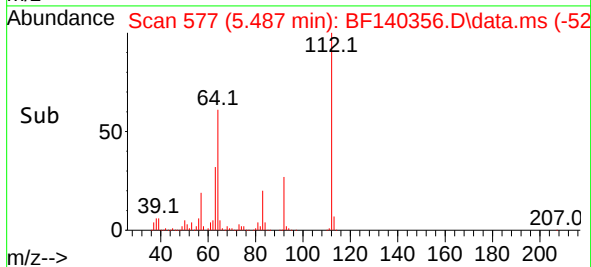
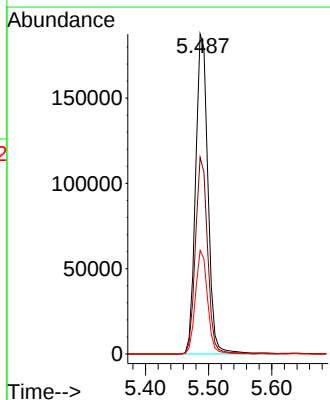
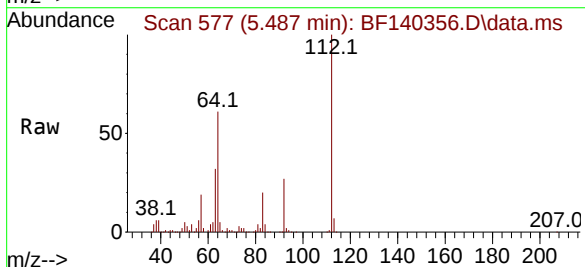
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 128532
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 61.8 47.4 71.2



#5
2-Fluorophenol
Concen: 33.813 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:112 Resp: 254547
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 32.4 25.6 38.4

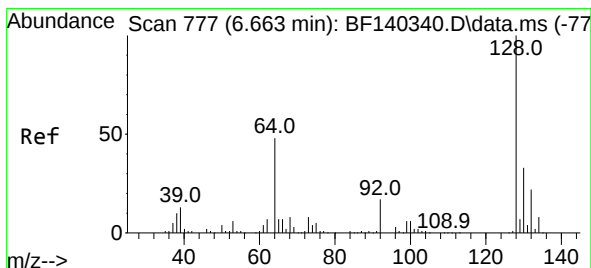
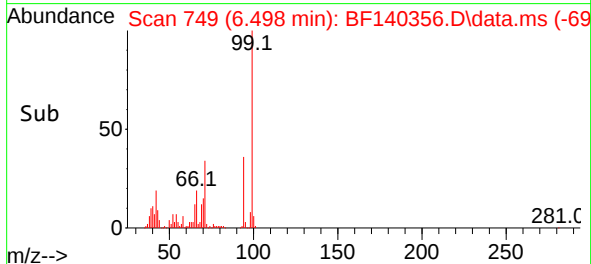
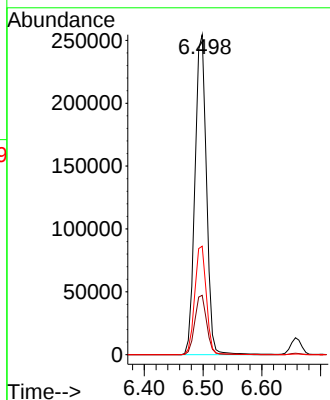
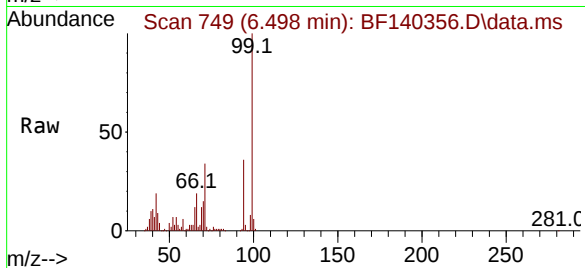




#7
Phenol-d6
Concen: 33.885 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

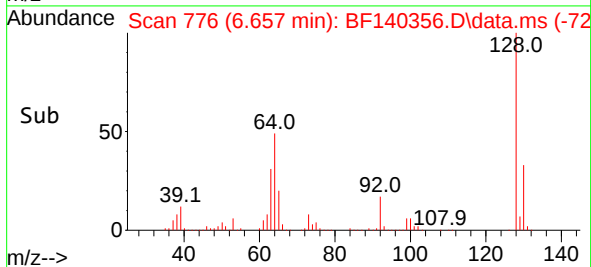
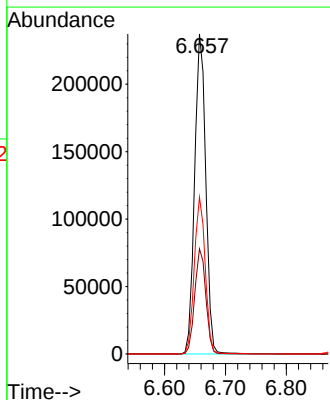
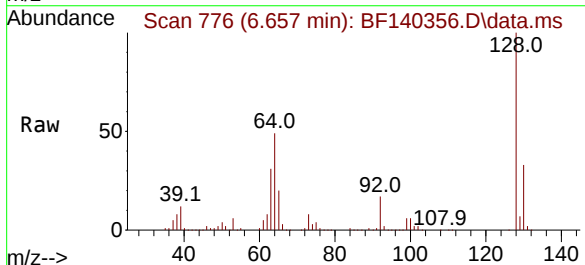
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

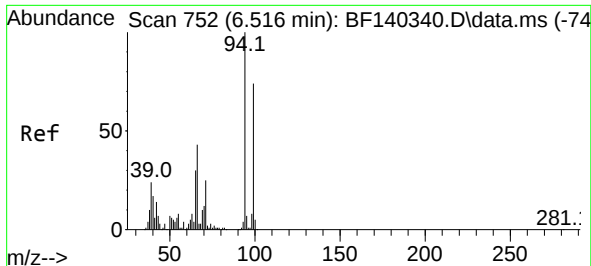
Tgt Ion: 99 Resp: 345600
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 33.9 27.9 41.9



#8
2-Chlorophenol
Concen: 37.344 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:128 Resp: 301984
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 49.0 30.2 70.2

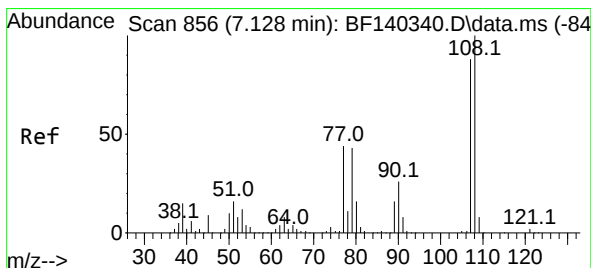
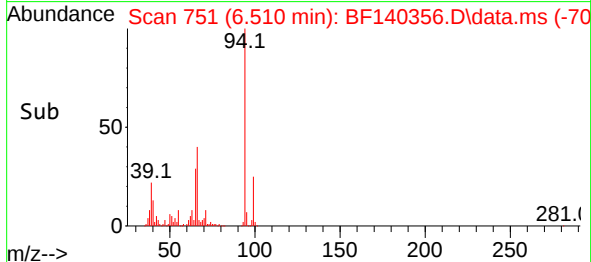
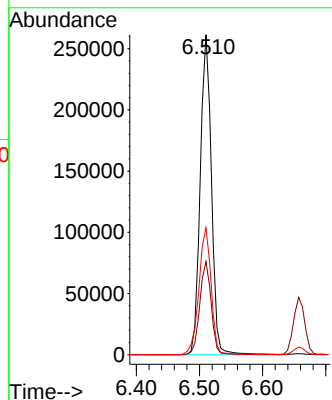
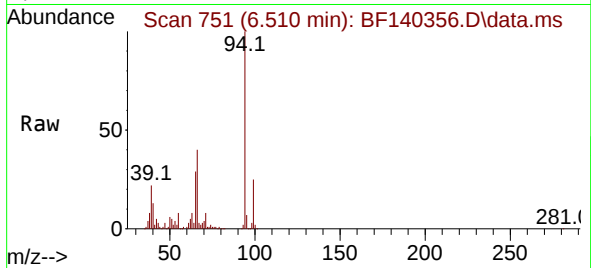




#10
Phenol
Concen: 29.940 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

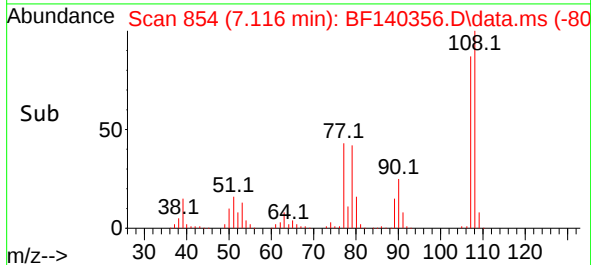
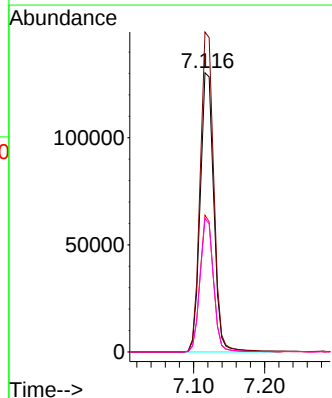
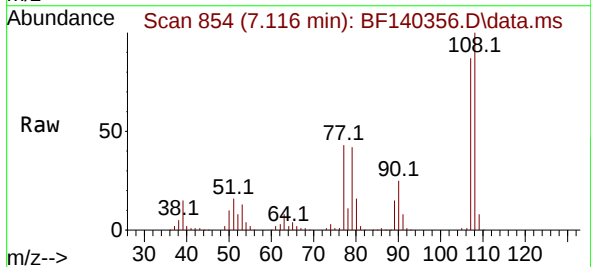
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

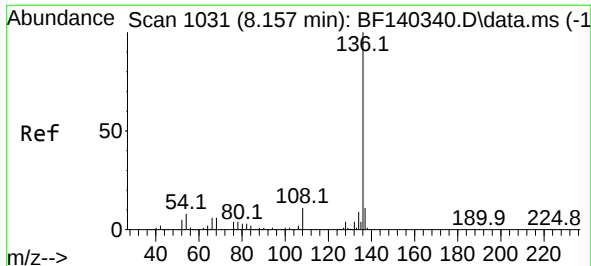
Tgt Ion: 94 Resp: 322035
Ion Ratio Lower Upper
94 100
65 29.1 10.4 50.4
66 39.7 22.9 62.9



#17
2-Methylphenol
Concen: 26.201 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion: 107 Resp: 174293
Ion Ratio Lower Upper
107 100
108 114.6 91.9 137.9
77 49.0 39.7 59.5
79 47.8 39.0 58.6



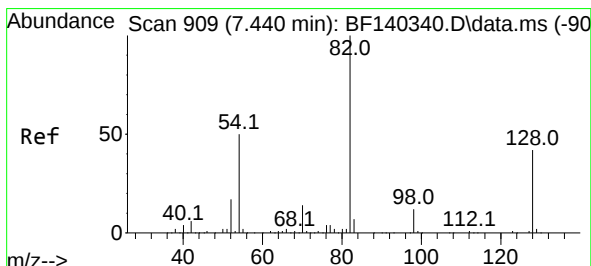
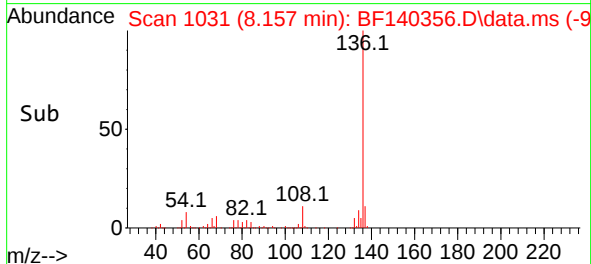
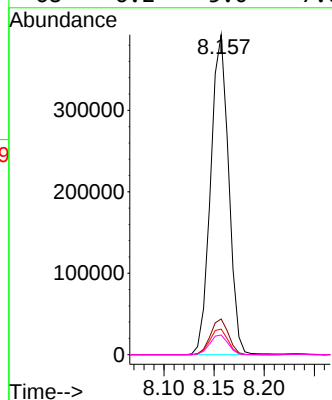
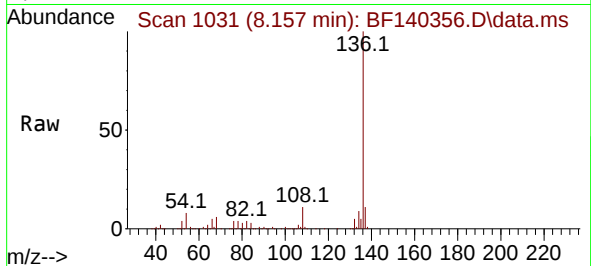


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:136 Resp: 491911

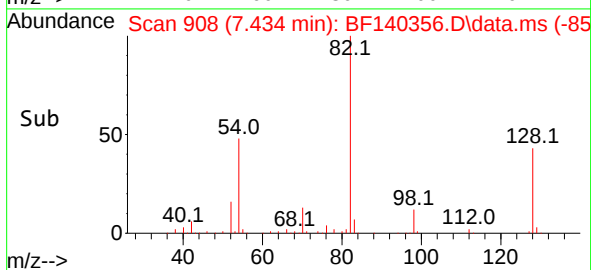
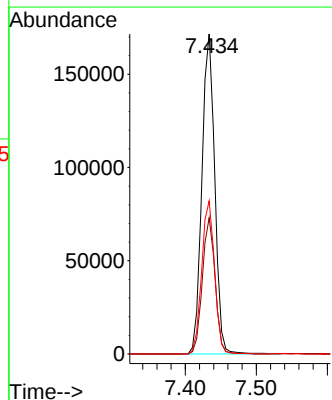
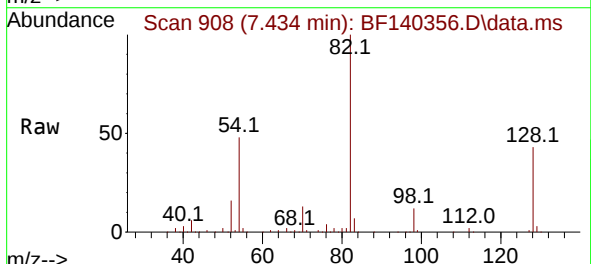
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.0	6.5	9.7
68	6.2	5.0	7.6

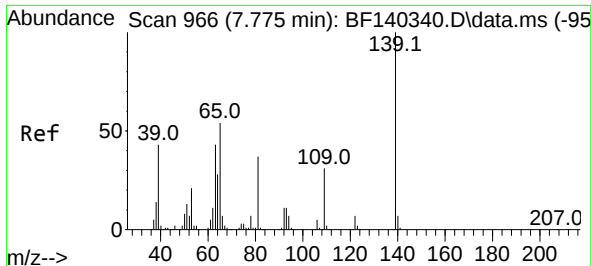


#23
Nitrobenzene-d5
Concen: 22.929 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion: 82 Resp: 216475

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	47.8	39.8	59.8

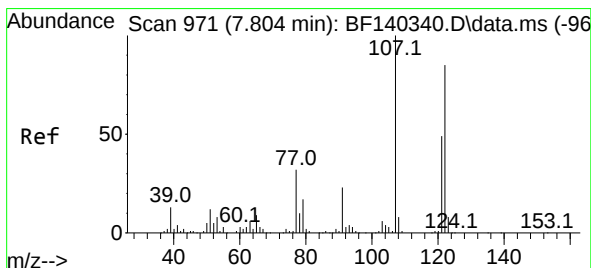
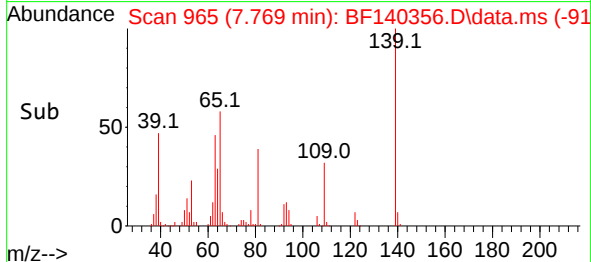
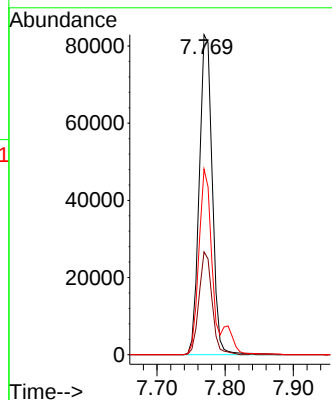
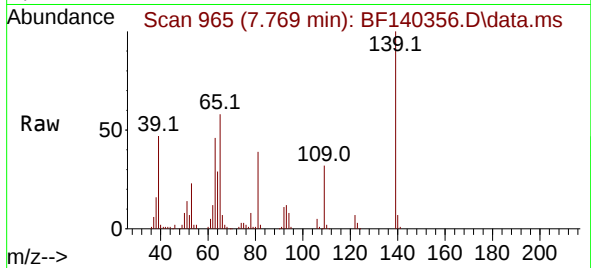




#26
2-Nitrophenol
Concen: 25.153 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

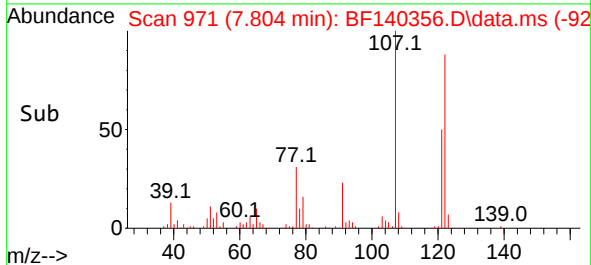
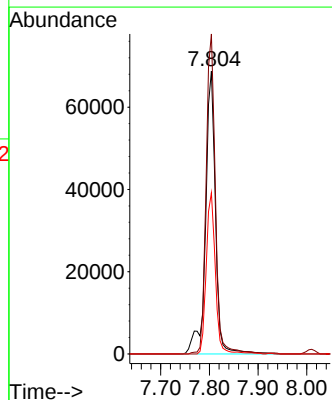
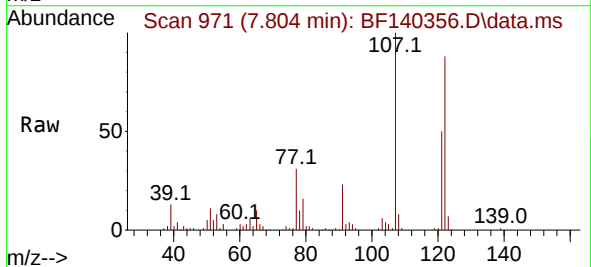
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

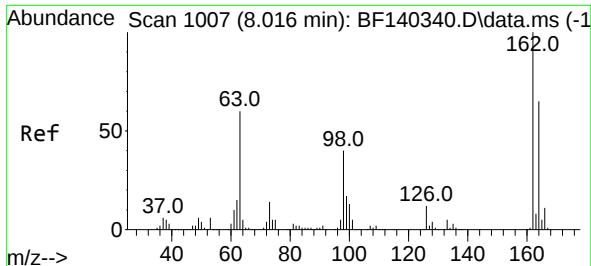
Tgt Ion:139 Resp: 109721
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 58.0 42.8 64.2



#27
2,4-Dimethylphenol
Concen: 17.374 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:122 Resp: 97028
Ion Ratio Lower Upper
122 100
107 113.1 91.3 136.9
121 56.9 45.5 68.3





#29

2,4-Dichlorophenol

Concen: 13.438 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

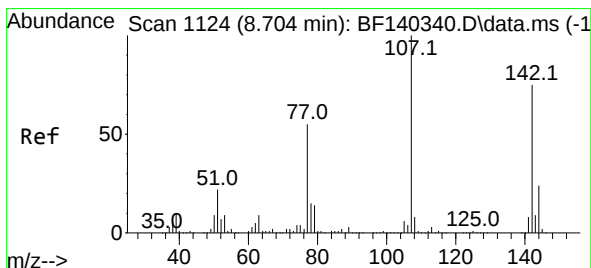
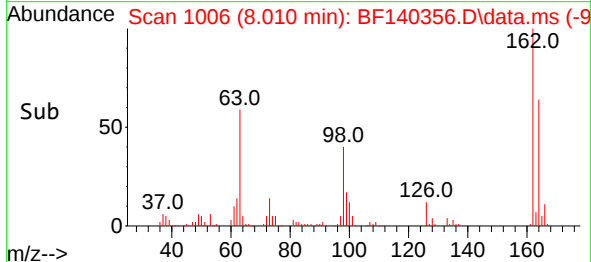
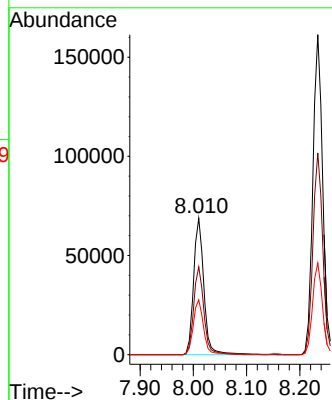
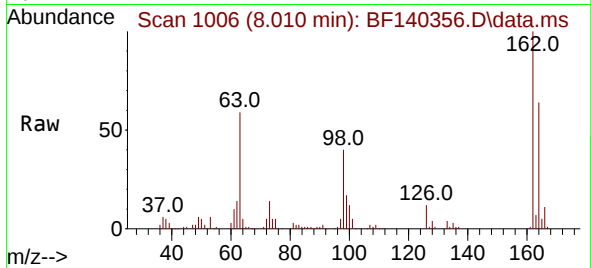
Tgt Ion:162 Resp: 92746

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 40.3 19.9 59.9



#36

4-Chloro-3-methylphenol

Concen: 35.978 ng

RT: 8.692 min Scan# 1122

Delta R.T. -0.012 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

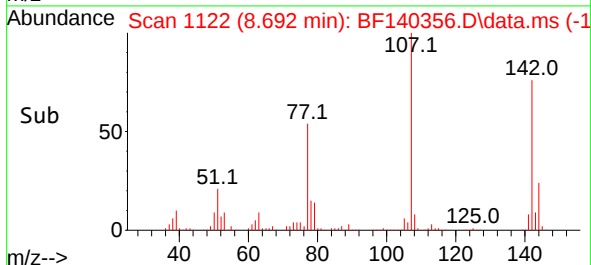
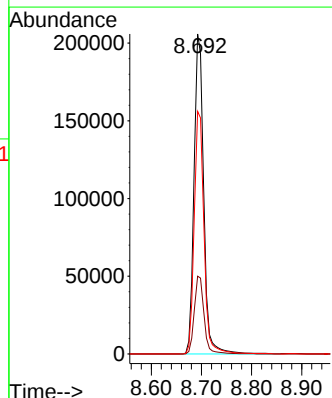
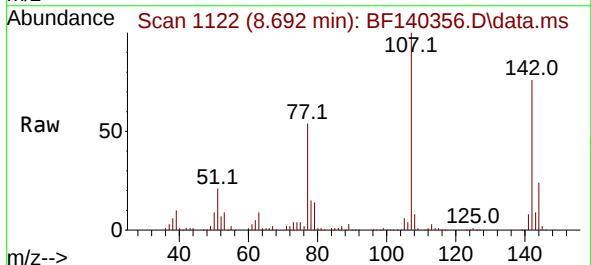
Tgt Ion:107 Resp: 275180

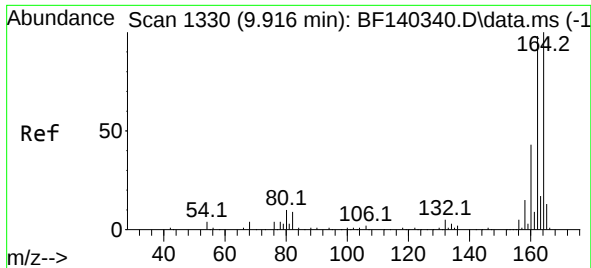
Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

142 75.8 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: BF140356.D

Acq: 14 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

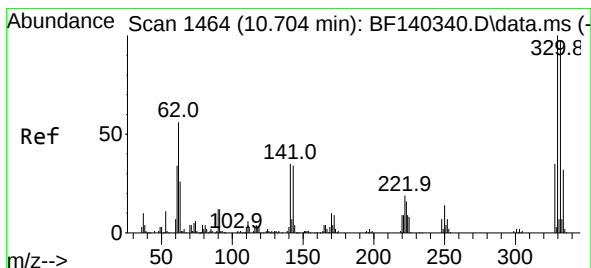
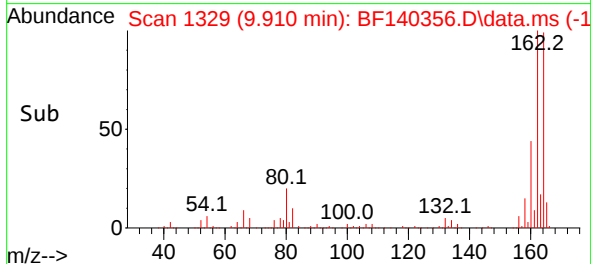
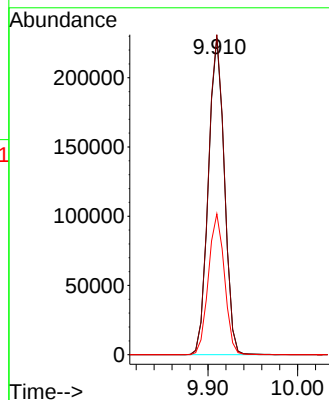
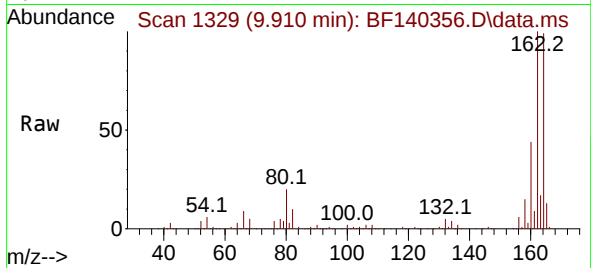
Tgt Ion:164 Resp: 281975

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 33.621 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

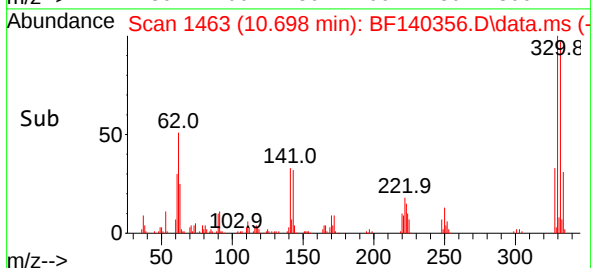
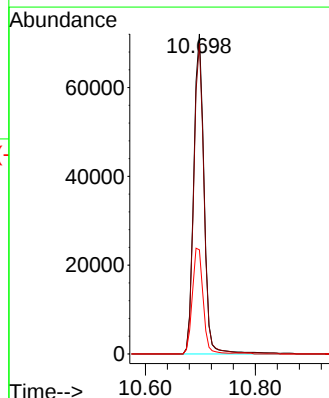
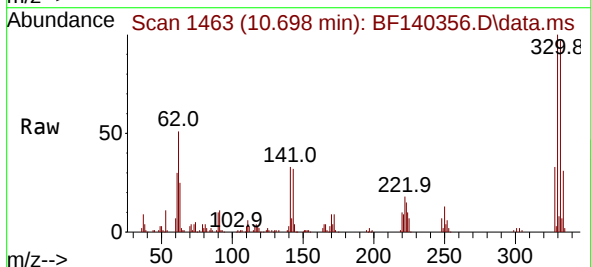
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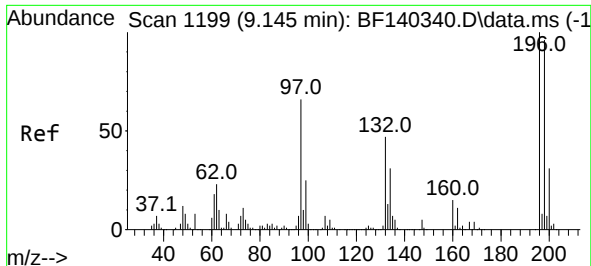
Ion Ratio Lower Upper

330 100

332 95.5 75.9 113.9

141 34.3 26.9 40.3

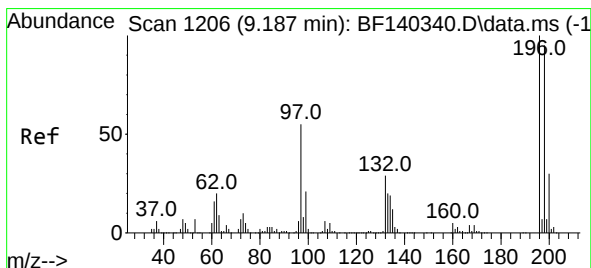
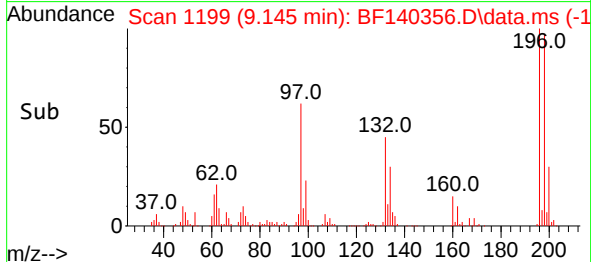
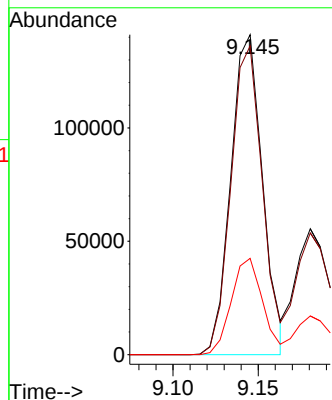
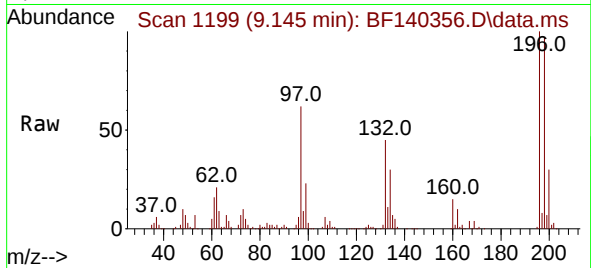




#43
2,4,6-Trichlorophenol
Concen: 35.621 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

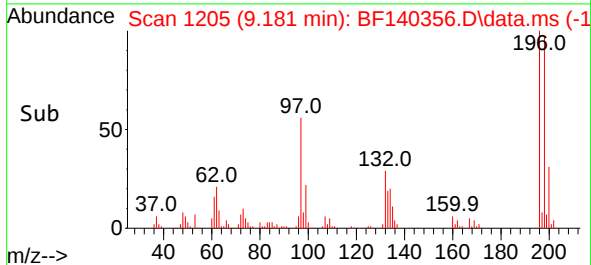
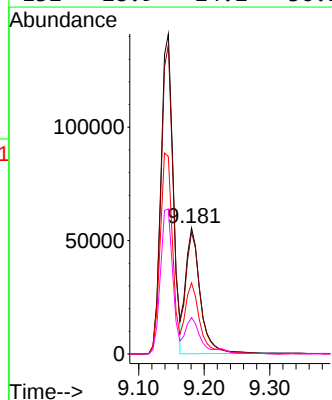
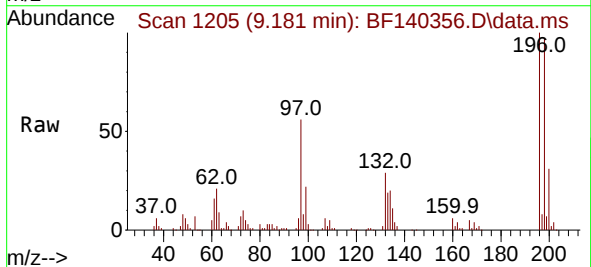
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

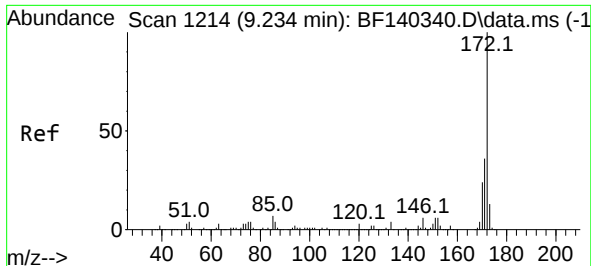
Tgt Ion:196 Resp: 182279
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 30.1 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 15.283 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:196 Resp: 85503
Ion Ratio Lower Upper
196 100
198 96.7 77.6 116.4
97 56.3 45.4 68.2
132 28.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 25.486 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

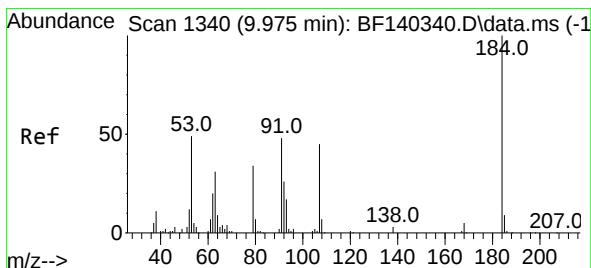
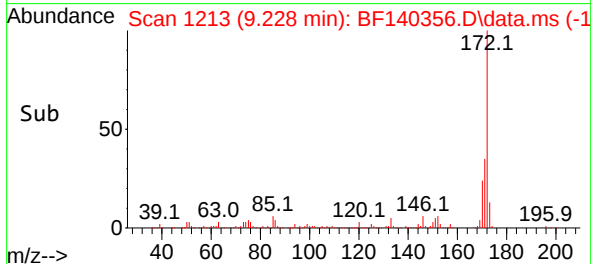
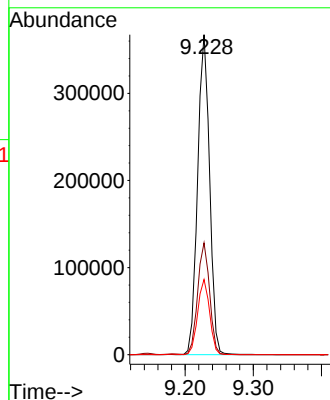
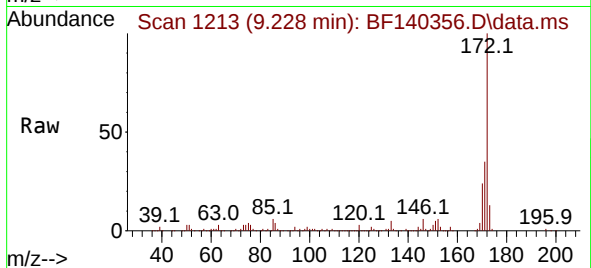
Tgt Ion:172 Resp: 447048

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.5 19.1 28.7



#54

2,4-Dinitrophenol

Concen: 24.437 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

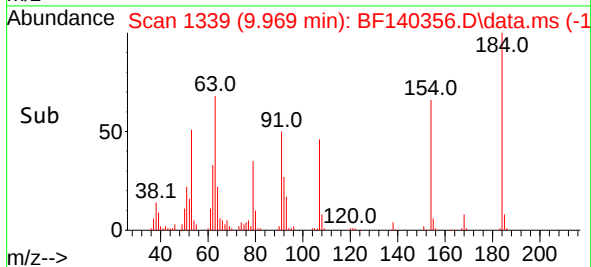
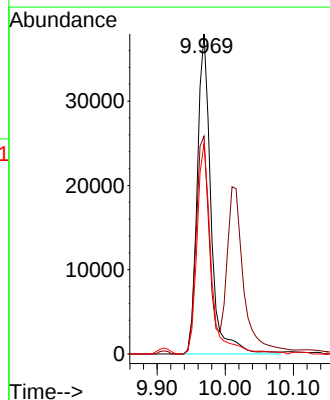
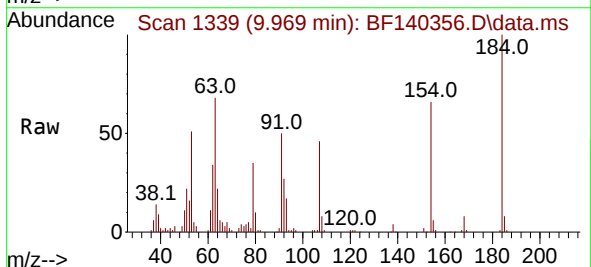
Tgt Ion:184 Resp: 52801

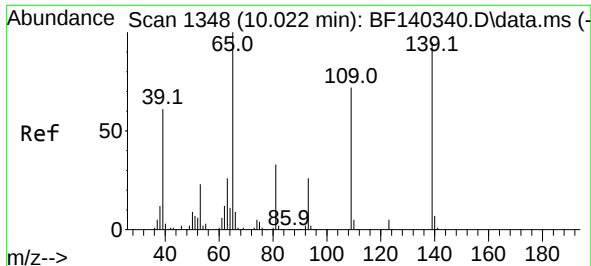
Ion Ratio Lower Upper

184 100

63 68.0 53.5 80.3

154 65.7 51.3 76.9

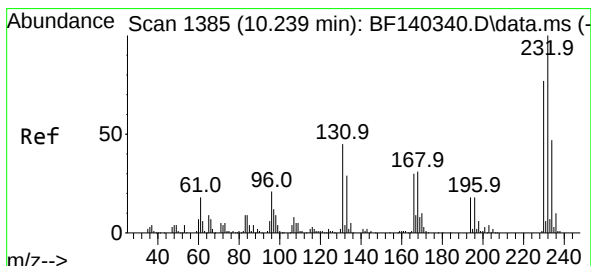
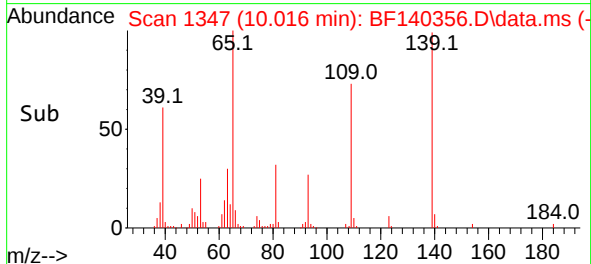
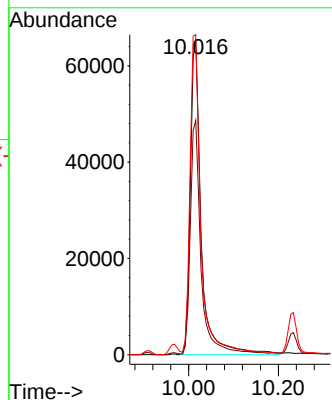
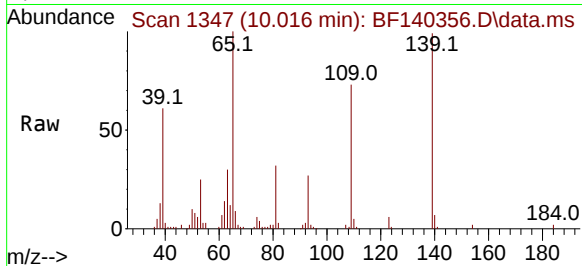




#56
4-Nitrophenol
Concen: 34.384 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

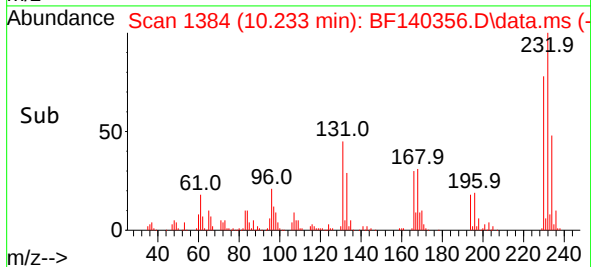
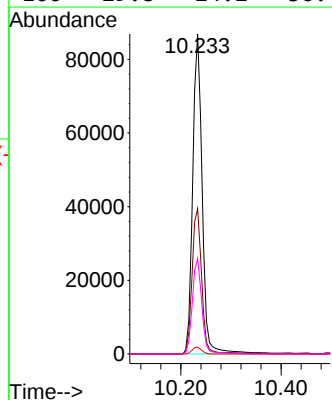
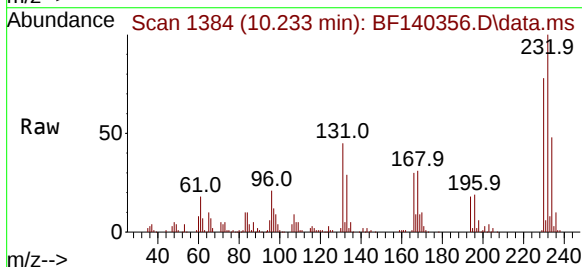
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

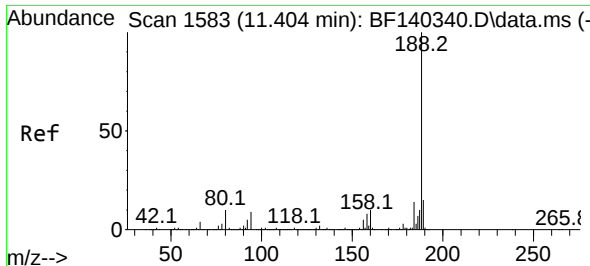
Tgt Ion:139 Resp: 110362
Ion Ratio Lower Upper
139 100
109 74.3 54.5 94.5
65 101.4 84.4 124.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 25.947 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:232 Resp: 114623
Ion Ratio Lower Upper
232 100
131 45.1 36.8 55.2
130 2.1 1.9 2.9
166 29.8 24.2 36.4

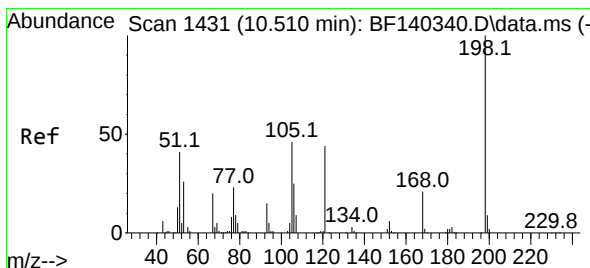
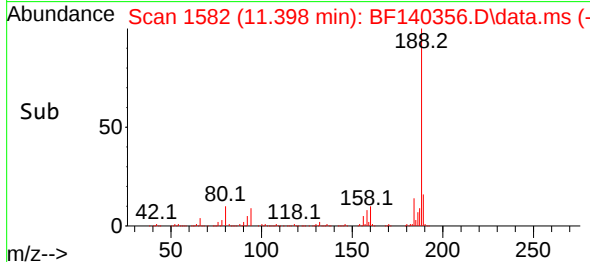
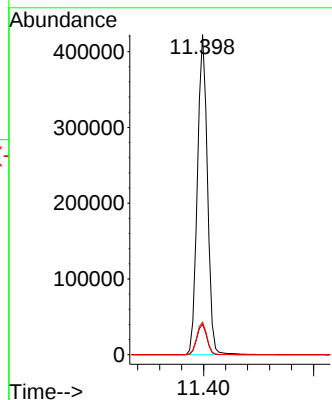
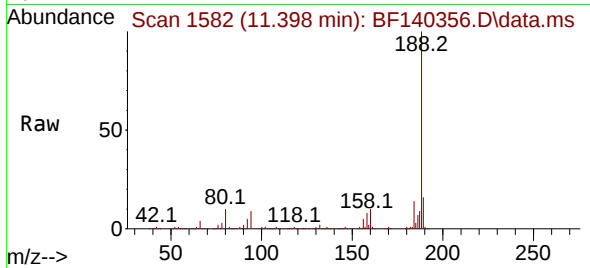




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

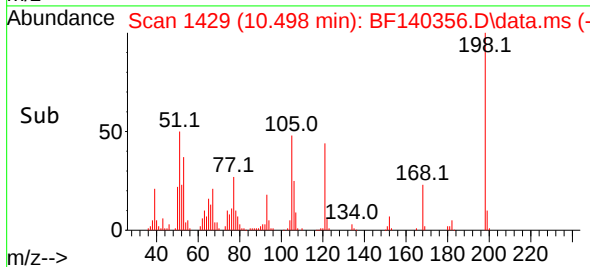
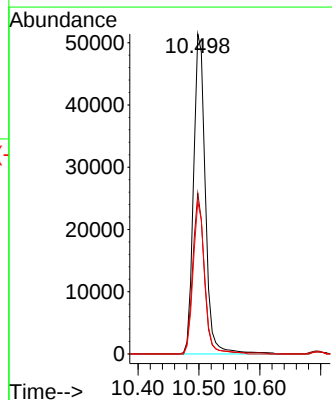
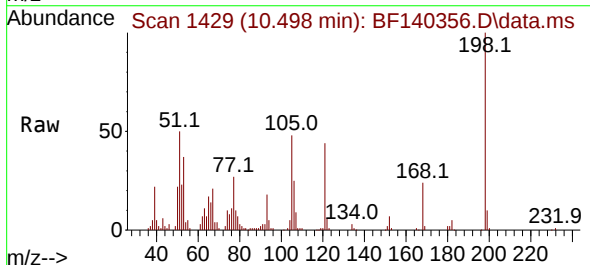
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

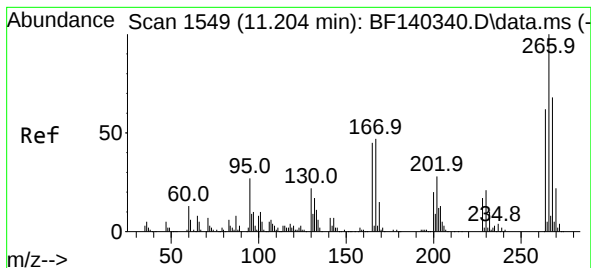
Tgt Ion:188 Resp: 534347
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 24.113 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF140356.D
Acq: 14 Nov 2024 11:54

Tgt Ion:198 Resp: 69323
Ion Ratio Lower Upper
198 100
51 50.2 29.7 69.7
105 47.6 26.3 66.3





#70

Pentachlorophenol

Concen: 5.670 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

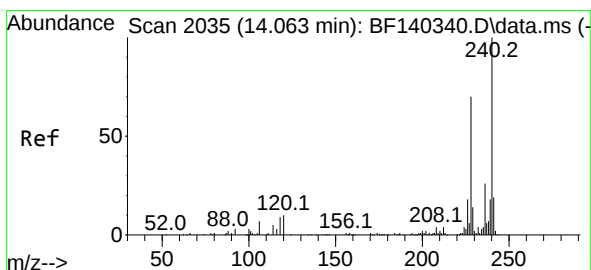
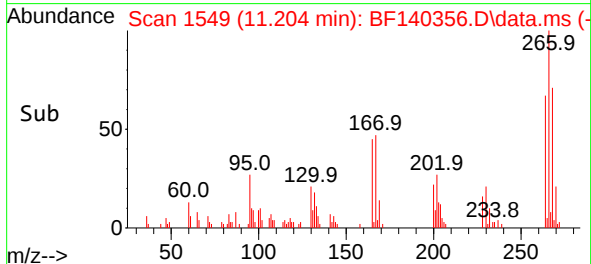
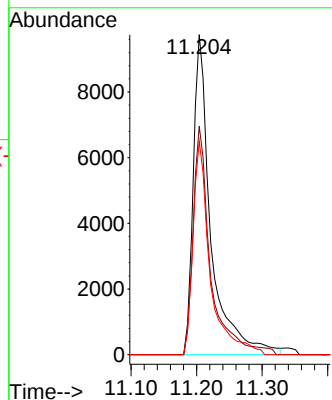
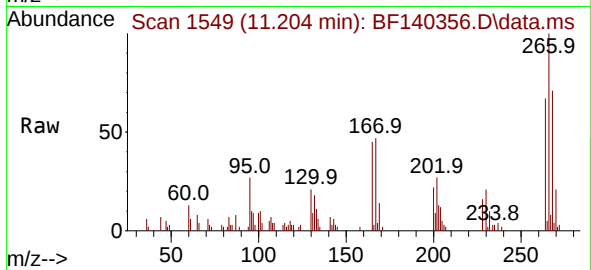
Tgt Ion:266 Resp: 18357

Ion Ratio Lower Upper

266 100

268 71.4 52.9 79.3

264 66.7 50.3 75.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140356.D

Acq: 14 Nov 2024 11:54

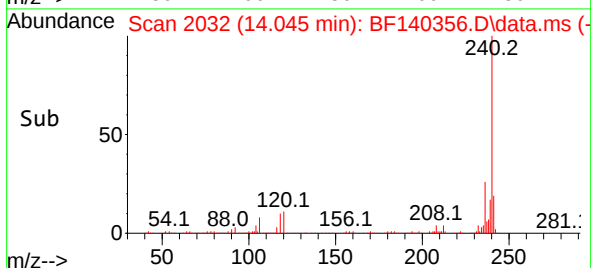
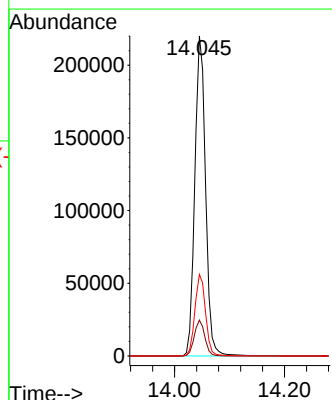
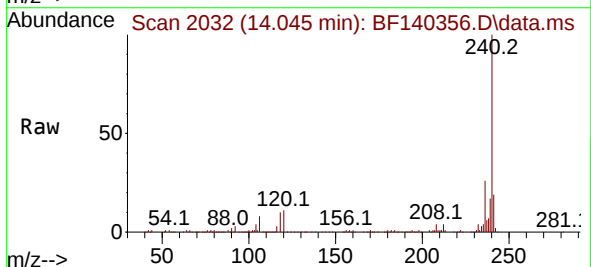
Tgt Ion:240 Resp: 298046

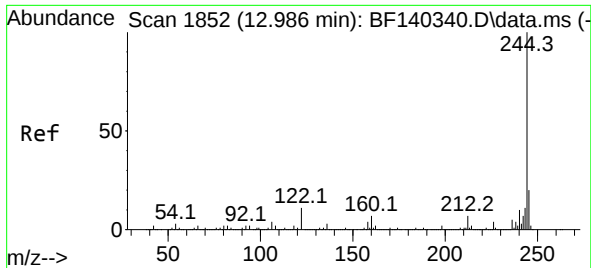
Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

236 25.5 20.9 31.3

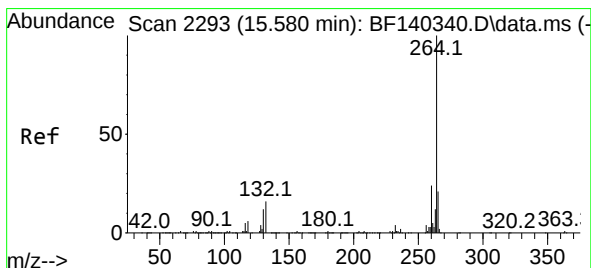
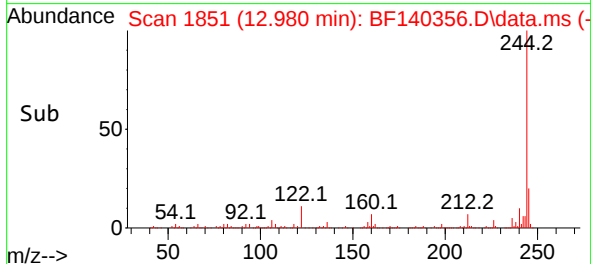
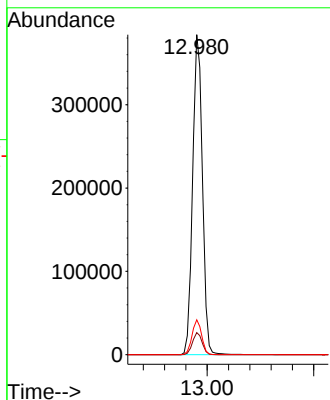
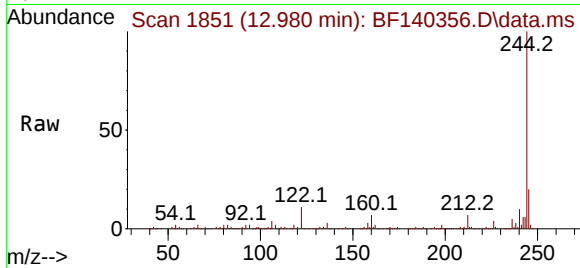




#79
 Terphenyl-d14
 Concen: 28.531 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140356.D
 Acq: 14 Nov 2024 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:244 Resp: 489887
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140356.D
 Acq: 14 Nov 2024 11:54

Tgt Ion:264 Resp: 264111
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.1 25.7

