

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140606.D
 Acq On : 25 Nov 2024 16:49
 Operator : RC/JU
 Sample : P4947-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3988

Quant Time: Nov 25 17:11:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70620	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	269044	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	147338	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	268767	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	170994	20.000	ng	0.00
86) Perylene-d12	15.539	264	148982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	357114	86.280	ng	0.00
7) Phenol-d6	6.504	99	291179	53.214	ng	-0.01
23) Nitrobenzene-d5	7.434	82	545494	103.709	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	254518	161.518	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1041880	105.359	ng	-0.01
79) Terphenyl-d14	12.980	244	1160256	105.657	ng	-0.01

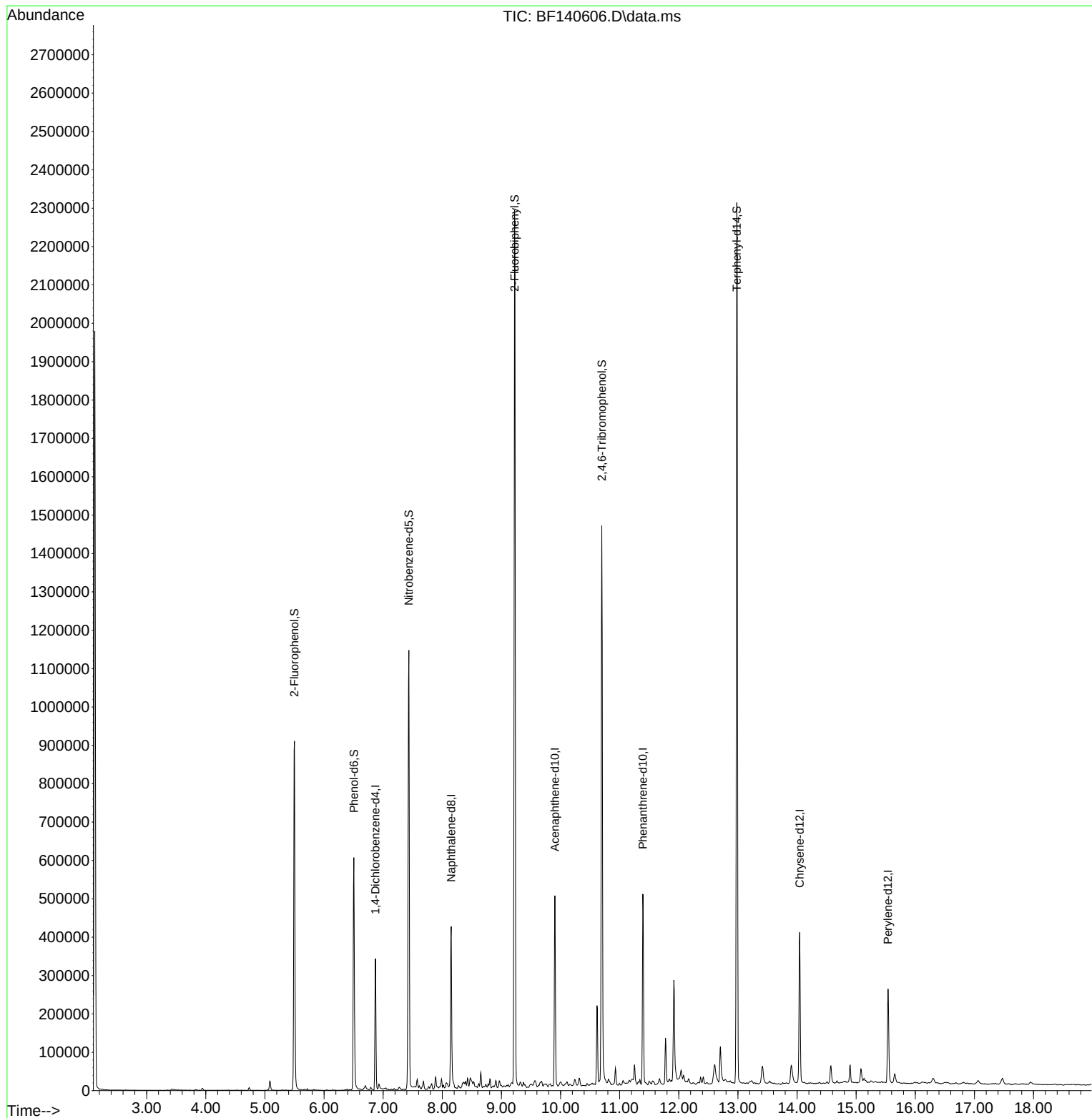
Target Compounds	Qvalue

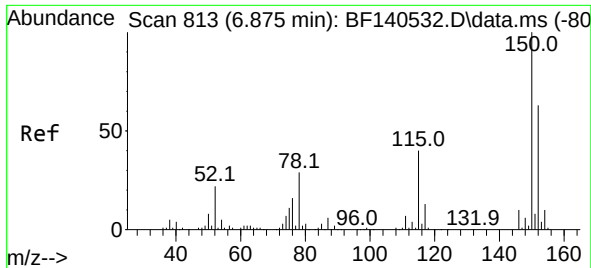
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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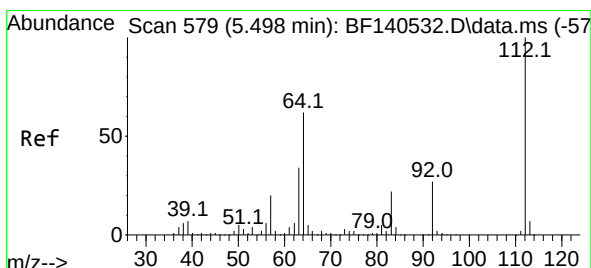
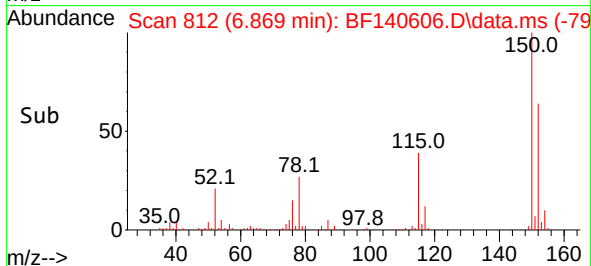
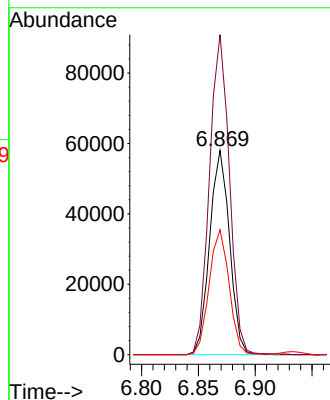
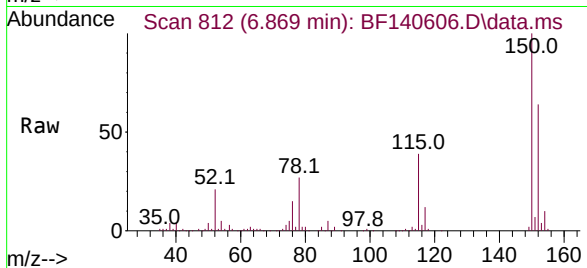




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

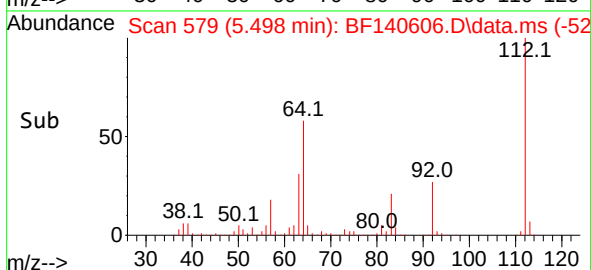
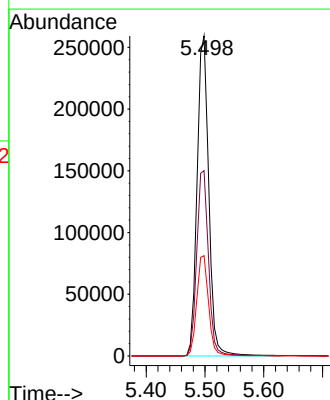
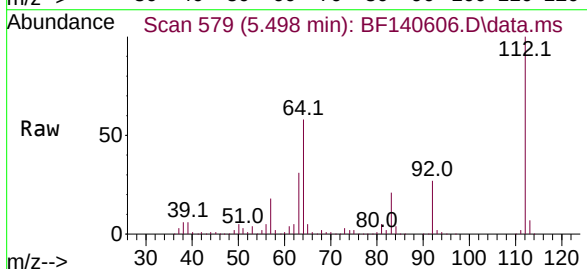
Instrument :
BNA_F
ClientSampleId :
A3988

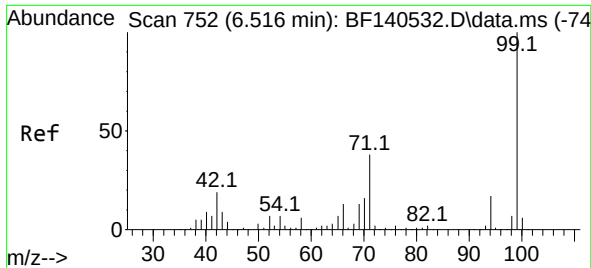
Tgt Ion:152 Resp: 70620
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 86.280 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

Tgt Ion:112 Resp: 357114
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.4 27.0 40.4





#7

Phenol-d6

Concen: 53.214 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140606.D

Acq: 25 Nov 2024 16:49

Instrument :

BNA_F

ClientSampleId :

A3988

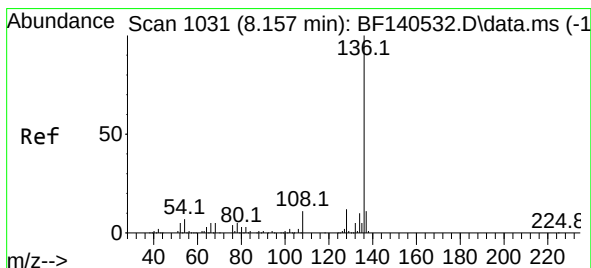
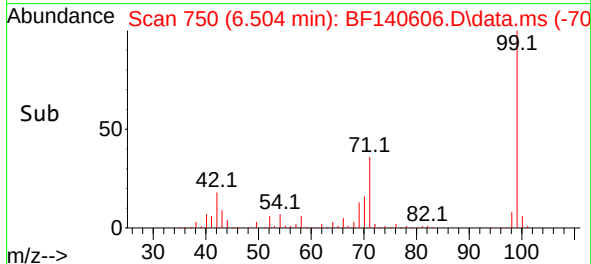
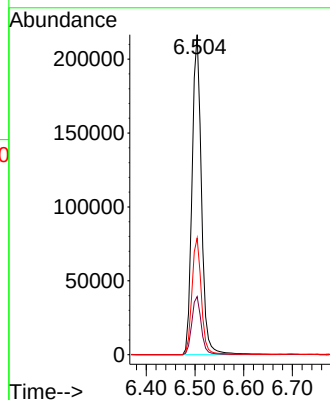
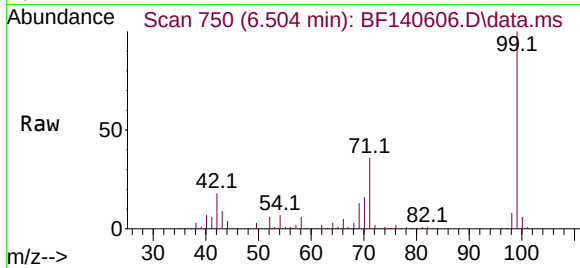
Tgt Ion: 99 Resp: 291179

Ion Ratio Lower Upper

99 100

42 18.1 15.4 23.0

71 36.4 30.6 46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140606.D

Acq: 25 Nov 2024 16:49

Tgt Ion: 136 Resp: 269044

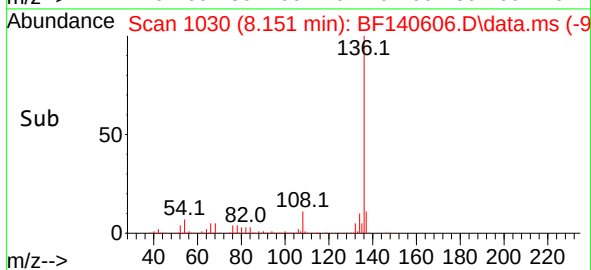
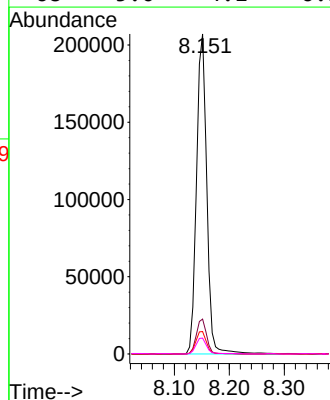
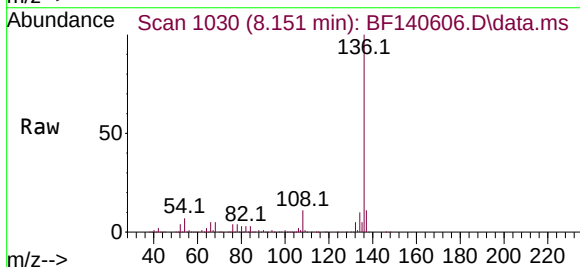
Ion Ratio Lower Upper

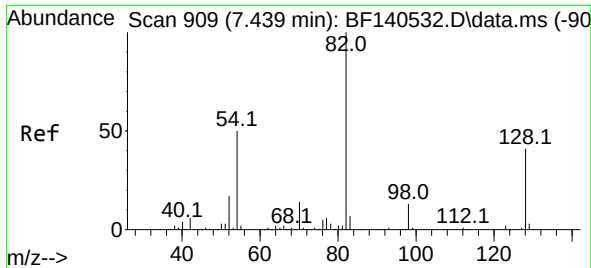
136 100

137 10.9 8.6 13.0

54 7.0 5.8 8.8

68 5.0 4.1 6.1

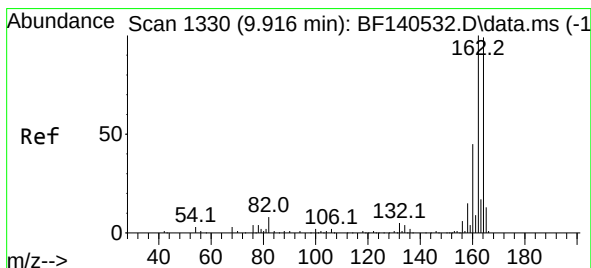
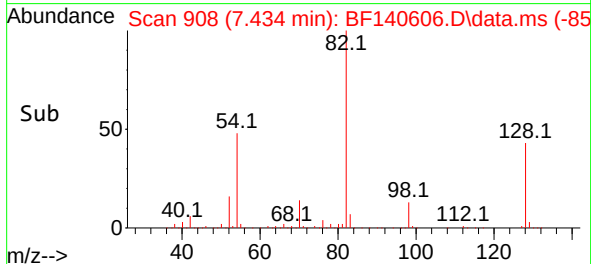
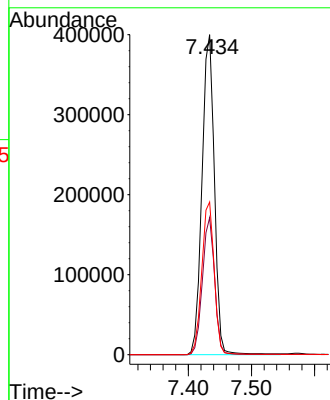
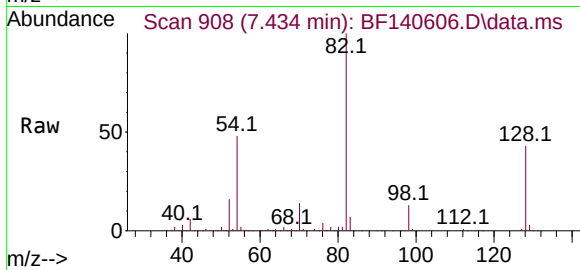




#23
 Nitrobenzene-d5
 Concen: 103.709 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140606.D
 Acq: 25 Nov 2024 16:49

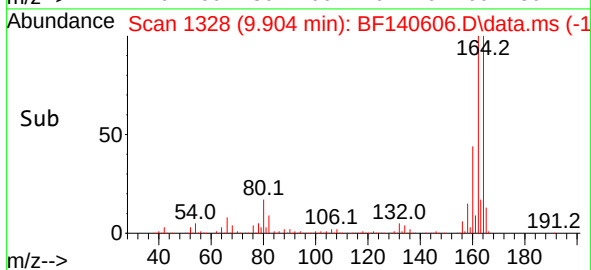
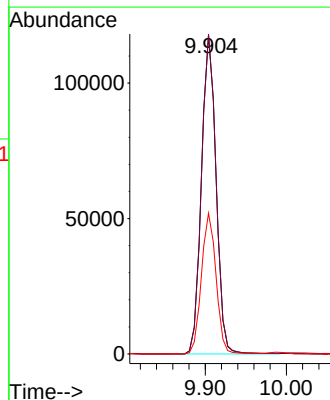
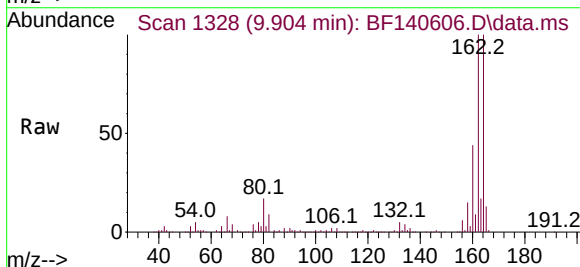
Instrument :
 BNA_F
 ClientSampleId :
 A3988

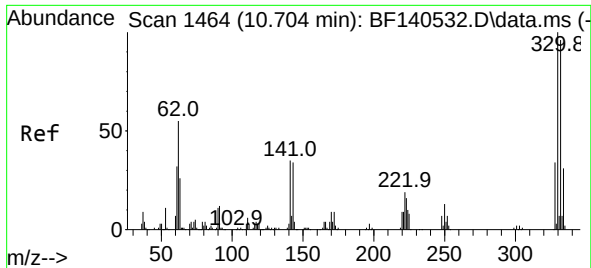
Tgt Ion: 82 Resp: 545494
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.0 49.4
 54 47.7 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140606.D
 Acq: 25 Nov 2024 16:49

Tgt Ion:164 Resp: 147338
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 120.8
 160 44.1 36.2 54.4

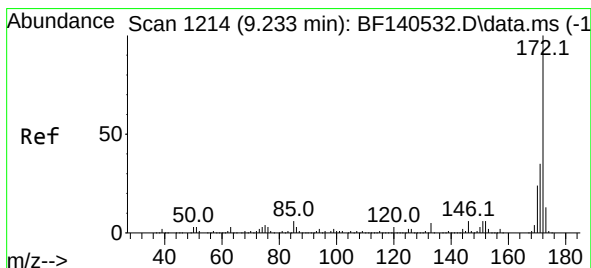
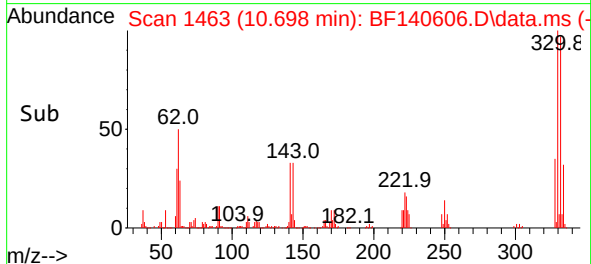
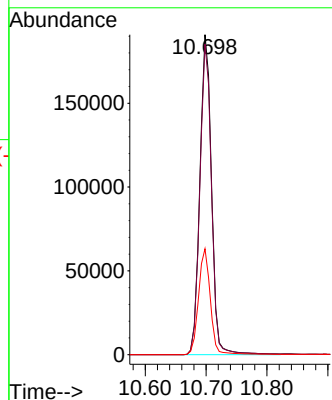
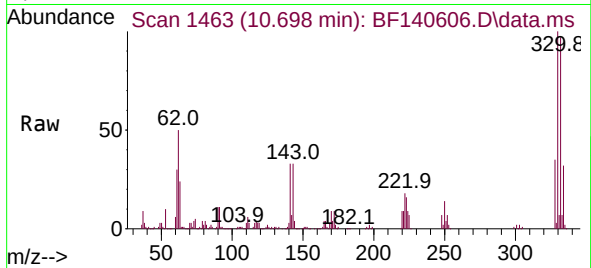




#42
 2,4,6-Tribromophenol
 Concen: 161.518 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140606.D
 Acq: 25 Nov 2024 16:49

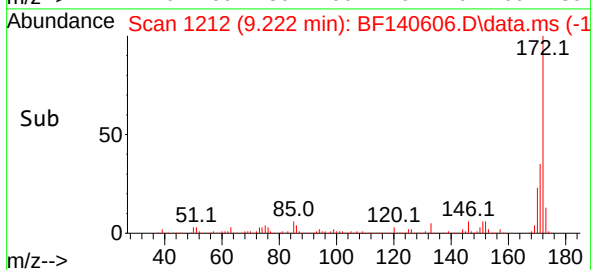
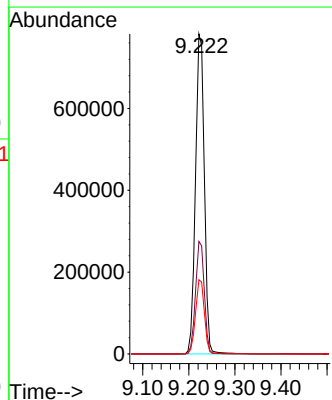
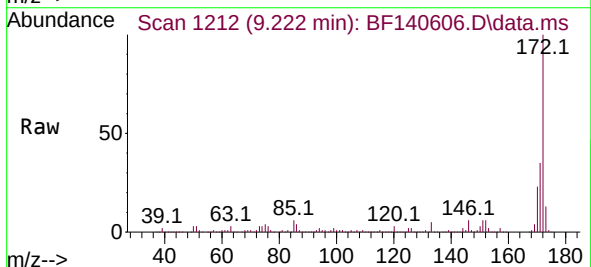
Instrument :
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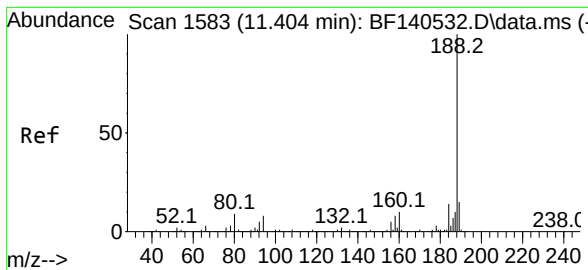
Tgt Ion:330 Resp: 254518
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 33.8 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 105.359 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.012 min
 Lab File: BF140606.D
 Acq: 25 Nov 2024 16:49

Tgt Ion:172 Resp: 1041880
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.2 19.0 28.6

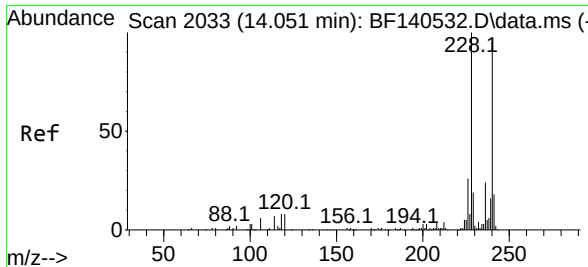
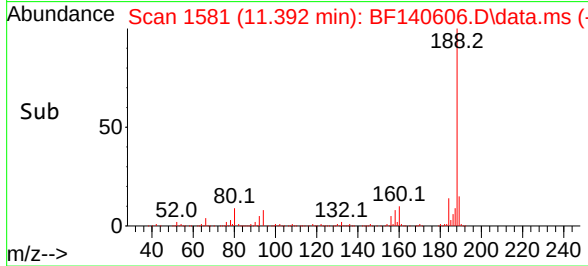
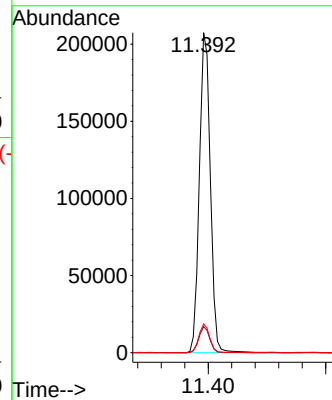
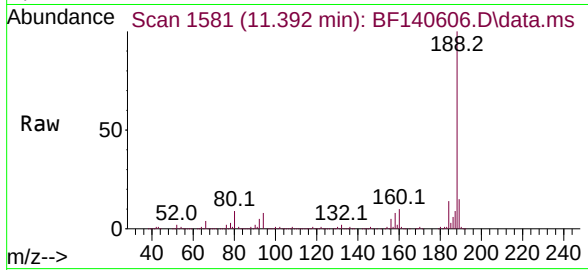




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

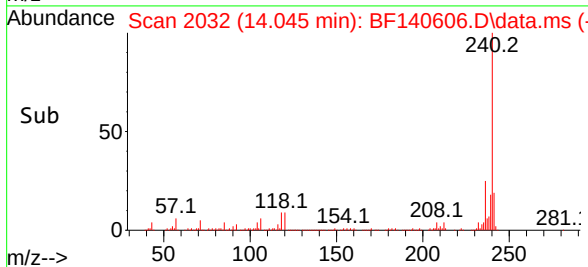
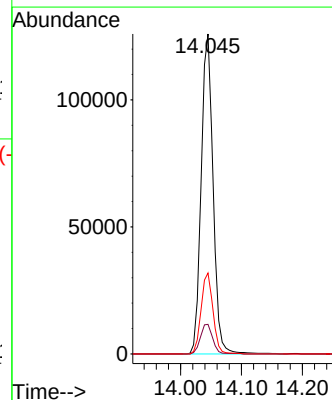
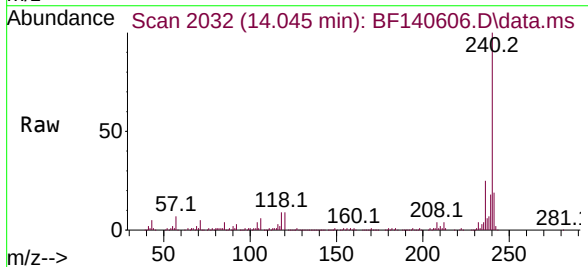
Instrument :
BNA_F
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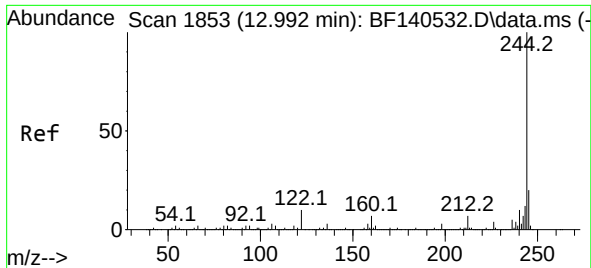
Tgt Ion:188 Resp: 268767
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

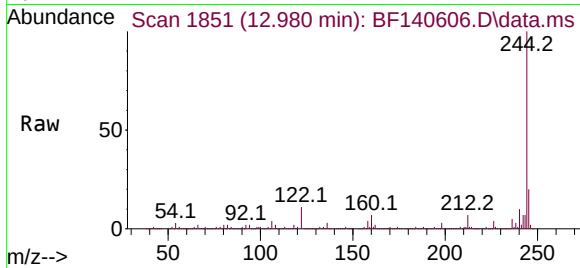
Tgt Ion:240 Resp: 170994
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.3 20.6 31.0



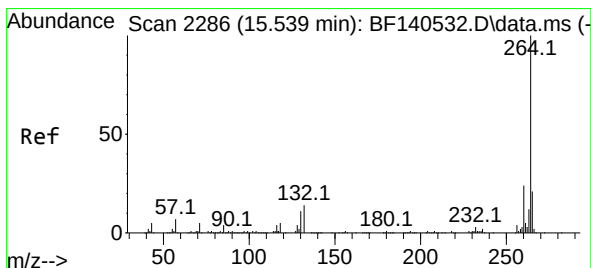
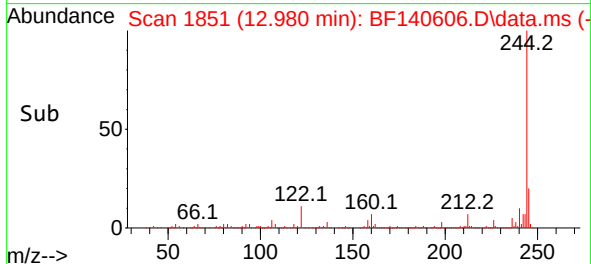
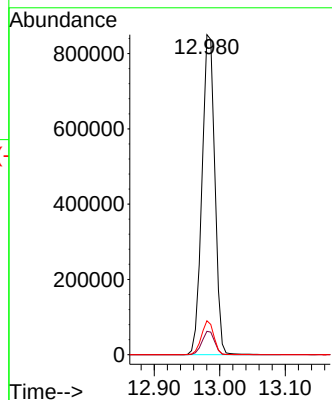


#79
Terphenyl-d14
Concen: 105.657 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1160256
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140606.D
Acq: 25 Nov 2024 16:49

Tgt Ion:264 Resp: 148982
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.4 16.6 25.0

