

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140834.D
 Acq On : 11 Dec 2024 17:28
 Operator : RC/JU
 Sample : P5216-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G-6

Quant Time: Dec 12 00:05:01 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	6.857	152	78002	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	296685	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	164151	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	305051	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	155712	20.000	ng	0.00
86) Perylene-d12	15.539	264	159671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	353600	77.346	ng	0.00
7) Phenol-d6	6.510	99	463810	76.741	ng	0.00
23) Nitrobenzene-d5	7.422	82	301418	51.966	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	140161	79.836	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	608097	55.195	ng	-0.02
79) Terphenyl-d14	12.974	244	600724	60.073	ng	-0.02

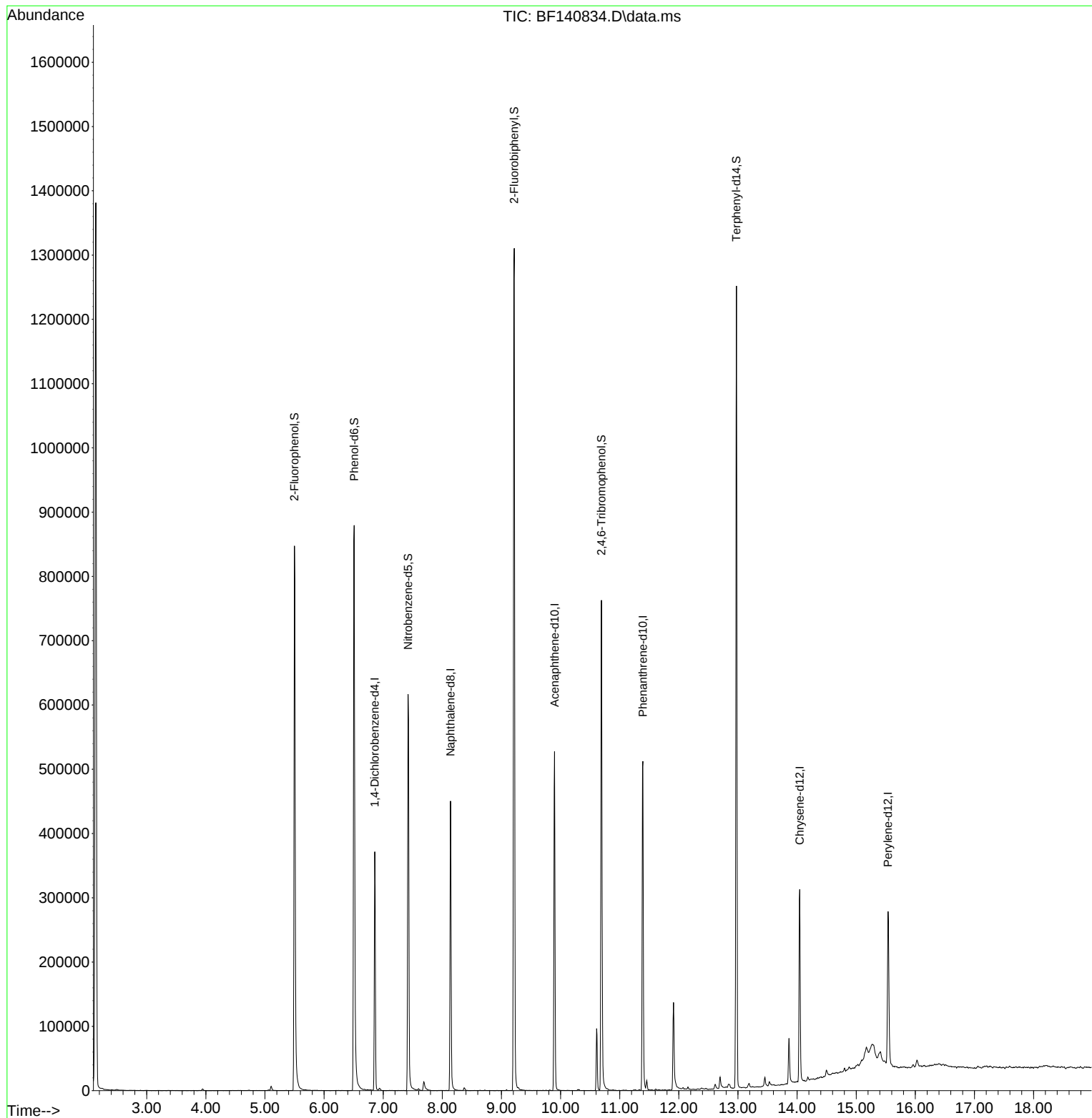
Target Compounds	Qvalue

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

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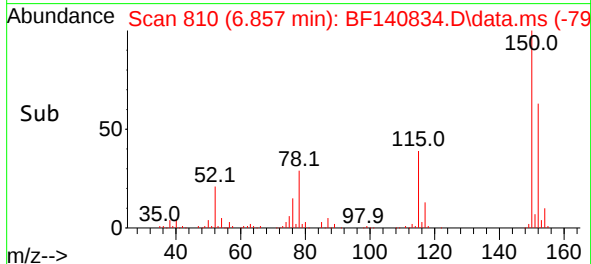
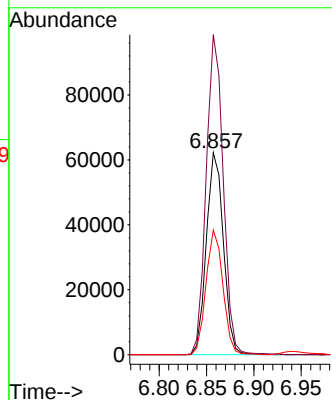
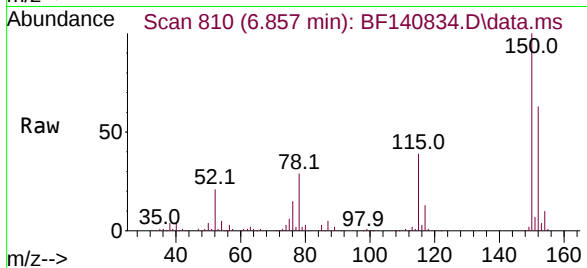




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

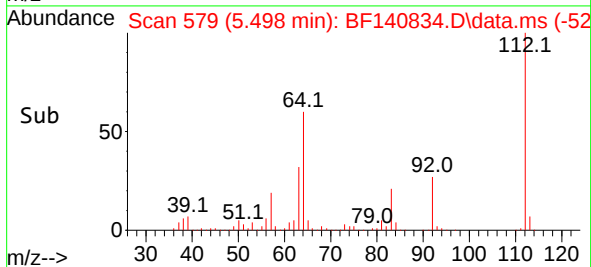
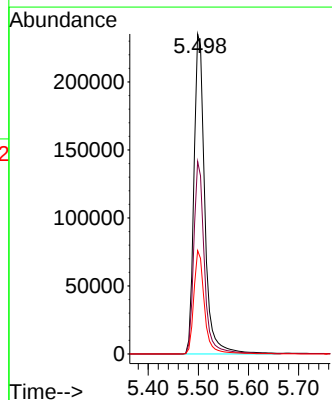
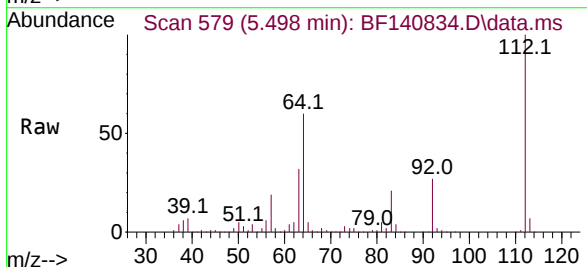
Instrument :
BNA_F
ClientSampleId :
BP-G-6

Tgt Ion:152 Resp: 78002
Ion Ratio Lower Upper
152 100
150 158.3 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 77.346 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

Tgt Ion:112 Resp: 353600
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.3 27.0 40.4

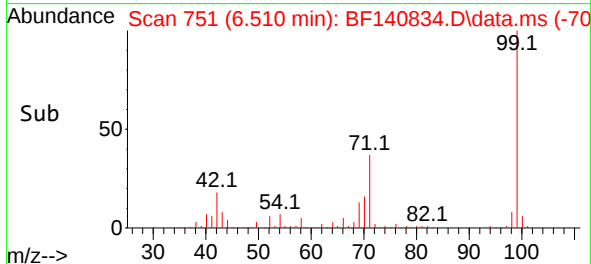
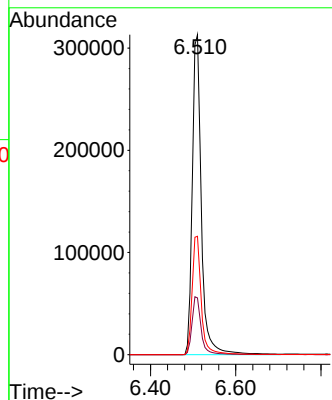
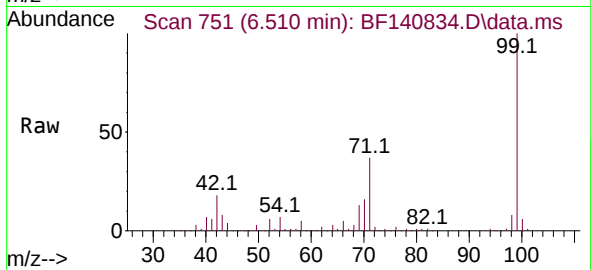




#7
Phenol-d6
Concen: 76.741 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

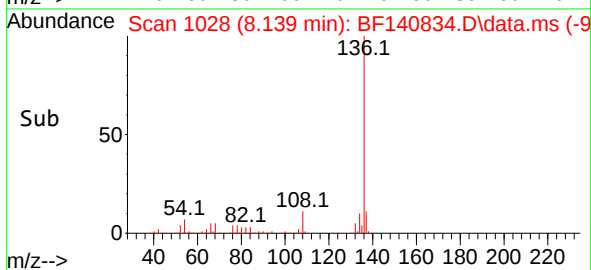
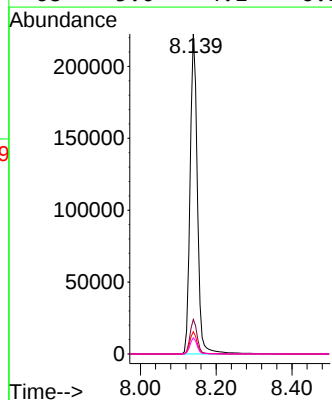
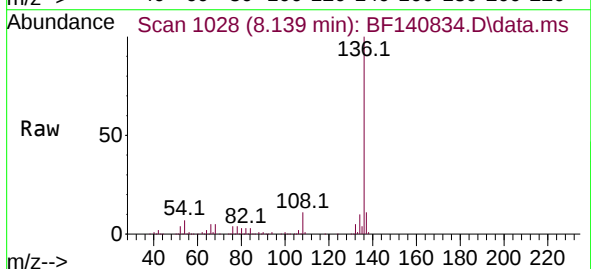
Instrument :
BNA_F
ClientSampleId :
BP-G-6

Tgt Ion: 99 Resp: 463810
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

Tgt Ion: 136 Resp: 296685
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.0 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 51.966 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140834.D

Acq: 11 Dec 2024 17:28

Instrument :

BNA_F

ClientSampleId :

BP-G-6

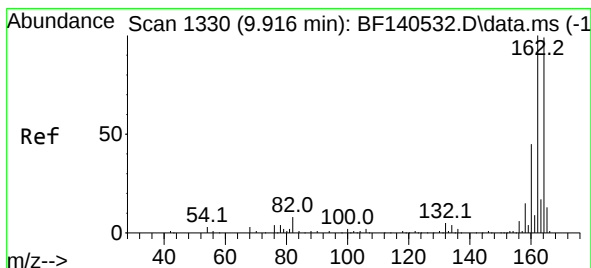
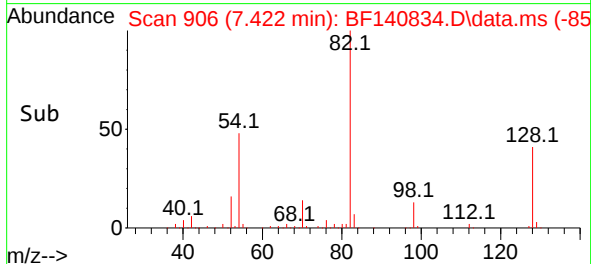
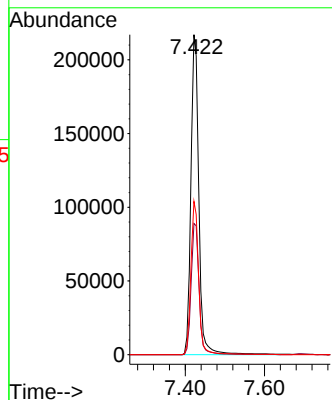
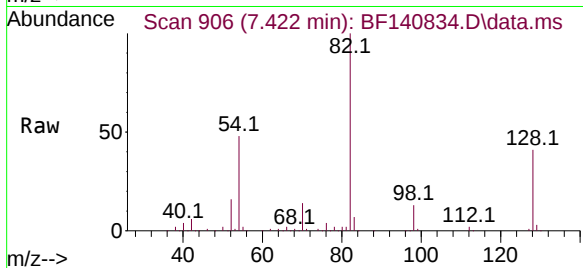
Tgt Ion: 82 Resp: 301418

Ion Ratio Lower Upper

82 100

128 41.0 33.0 49.4

54 47.9 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140834.D

Acq: 11 Dec 2024 17:28

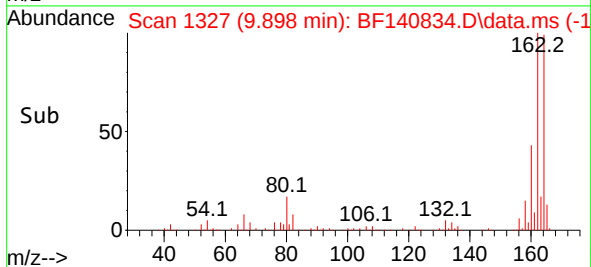
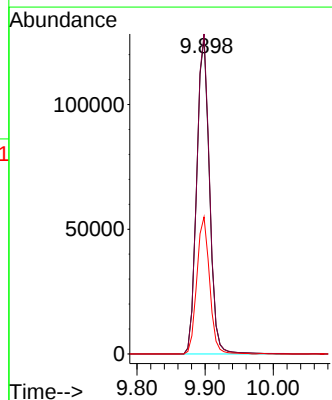
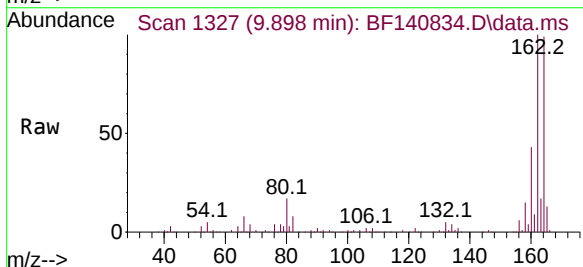
Tgt Ion:164 Resp: 164151

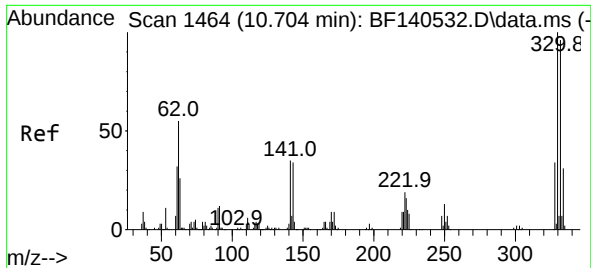
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

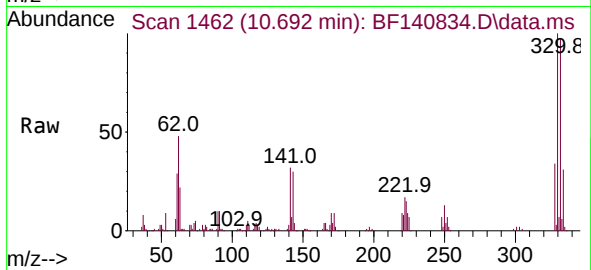
160 43.4 36.2 54.4



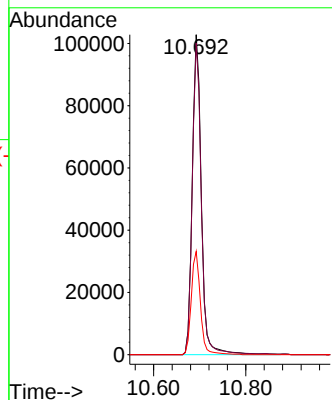
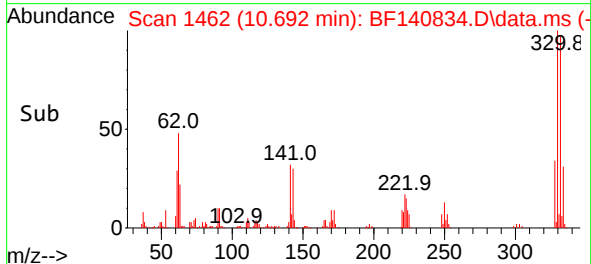


#42
2,4,6-Tribromophenol
Concen: 79.836 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

Instrument :
BNA_F
ClientSampleId :
BP-G-6

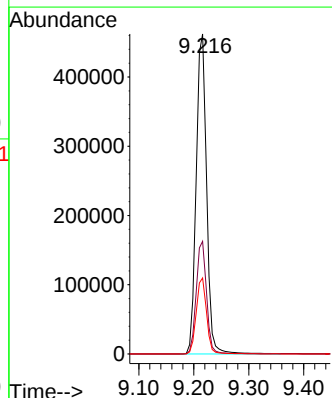
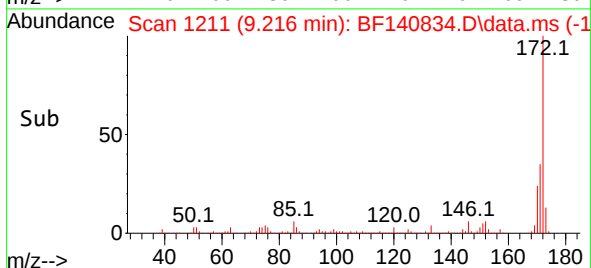
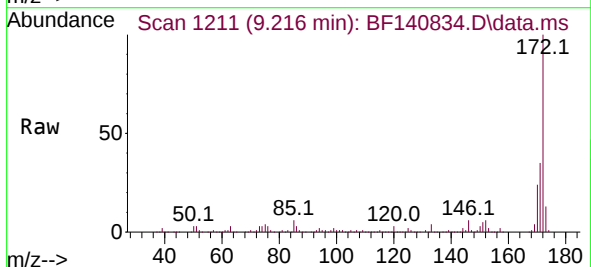


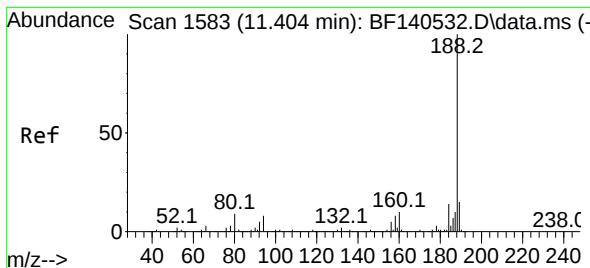
Tgt Ion:330 Resp: 140161
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 32.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 55.195 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140834.D
Acq: 11 Dec 2024 17:28

Tgt Ion:172 Resp: 608097
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140834.D

Acq: 11 Dec 2024 17:28

Instrument :

BNA_F

ClientSampleId :

BP-G-6

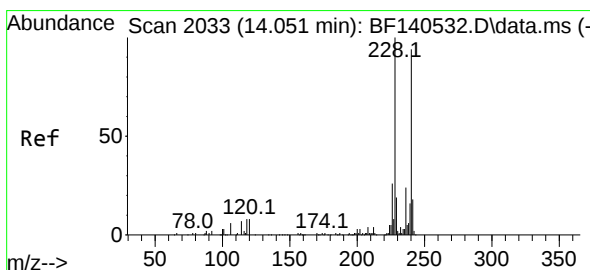
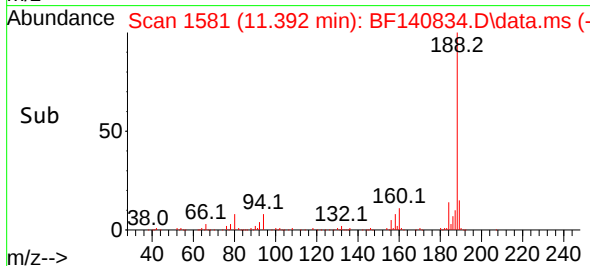
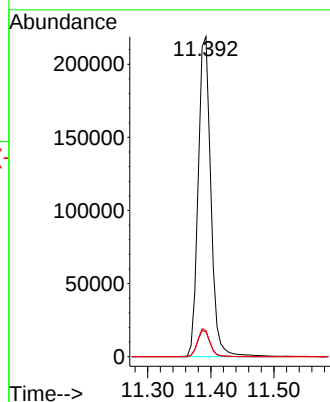
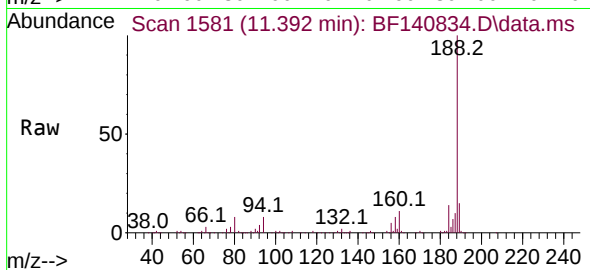
Tgt Ion:188 Resp: 305051

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.2 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: BF140834.D

Acq: 11 Dec 2024 17:28

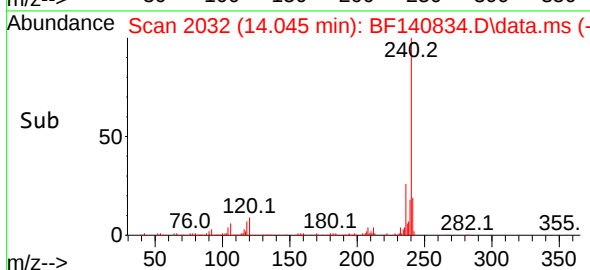
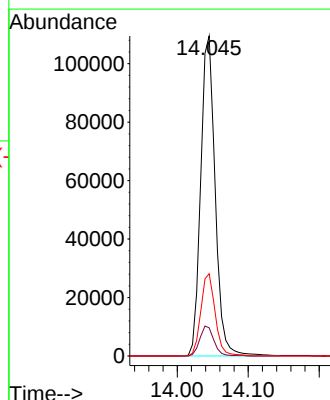
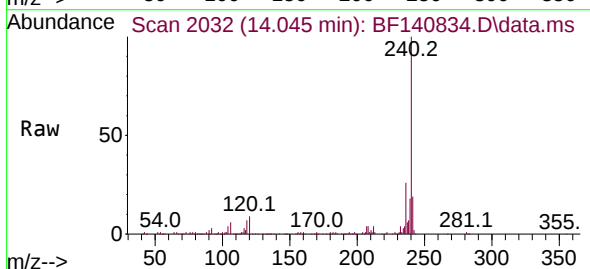
Tgt Ion:240 Resp: 155712

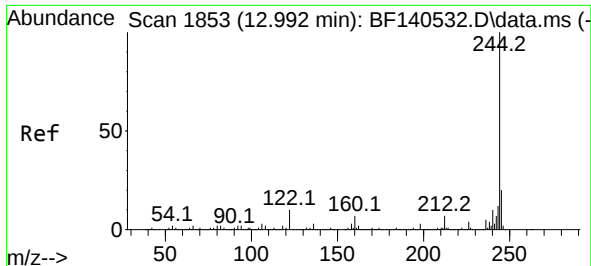
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.7 20.6 31.0

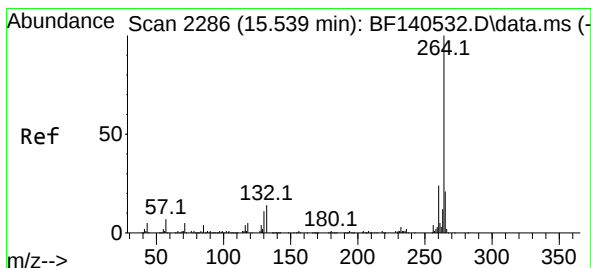
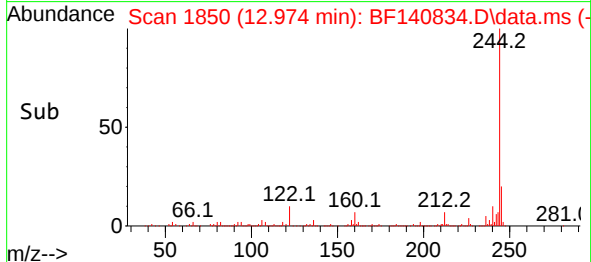
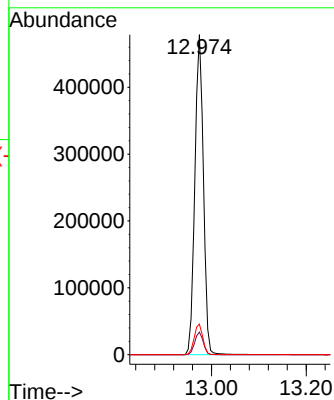
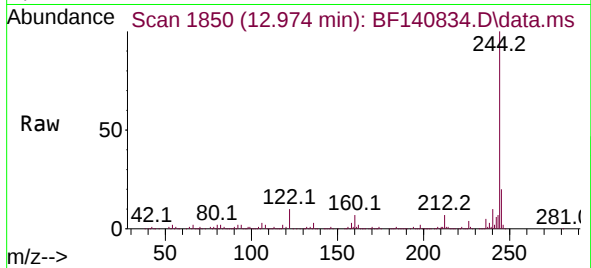




#79
 Terphenyl-d14
 Concen: 60.073 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140834.D
 Acq: 11 Dec 2024 17:28

Instrument :
 BNA_F
 ClientSampleId :
 BP-G-6

Tgt Ion:244 Resp: 600724
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.5 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: BF140834.D
 Acq: 11 Dec 2024 17:28

Tgt Ion:264 Resp: 159671
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 16.6 25.0

