

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140257.D
 Acq On : 06 Nov 2024 15:25
 Operator : RC/JU
 Sample : P4709-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-110424

Quant Time: Nov 06 15:59:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147900	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	535760	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	278758	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	386308	20.000	ng	0.00
76) Chrysene-d12	14.051	240	294782	20.000	ng	-0.01
86) Perylene-d12	15.539	264	223360	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	639330	71.636	ng	0.00
7) Phenol-d6	6.493	99	808207	70.406	ng	-0.01
23) Nitrobenzene-d5	7.434	82	549070	50.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	165969	60.235	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	976794	55.953	ng	0.00
79) Terphenyl-d14	12.992	244	765833	42.558	ng	0.00

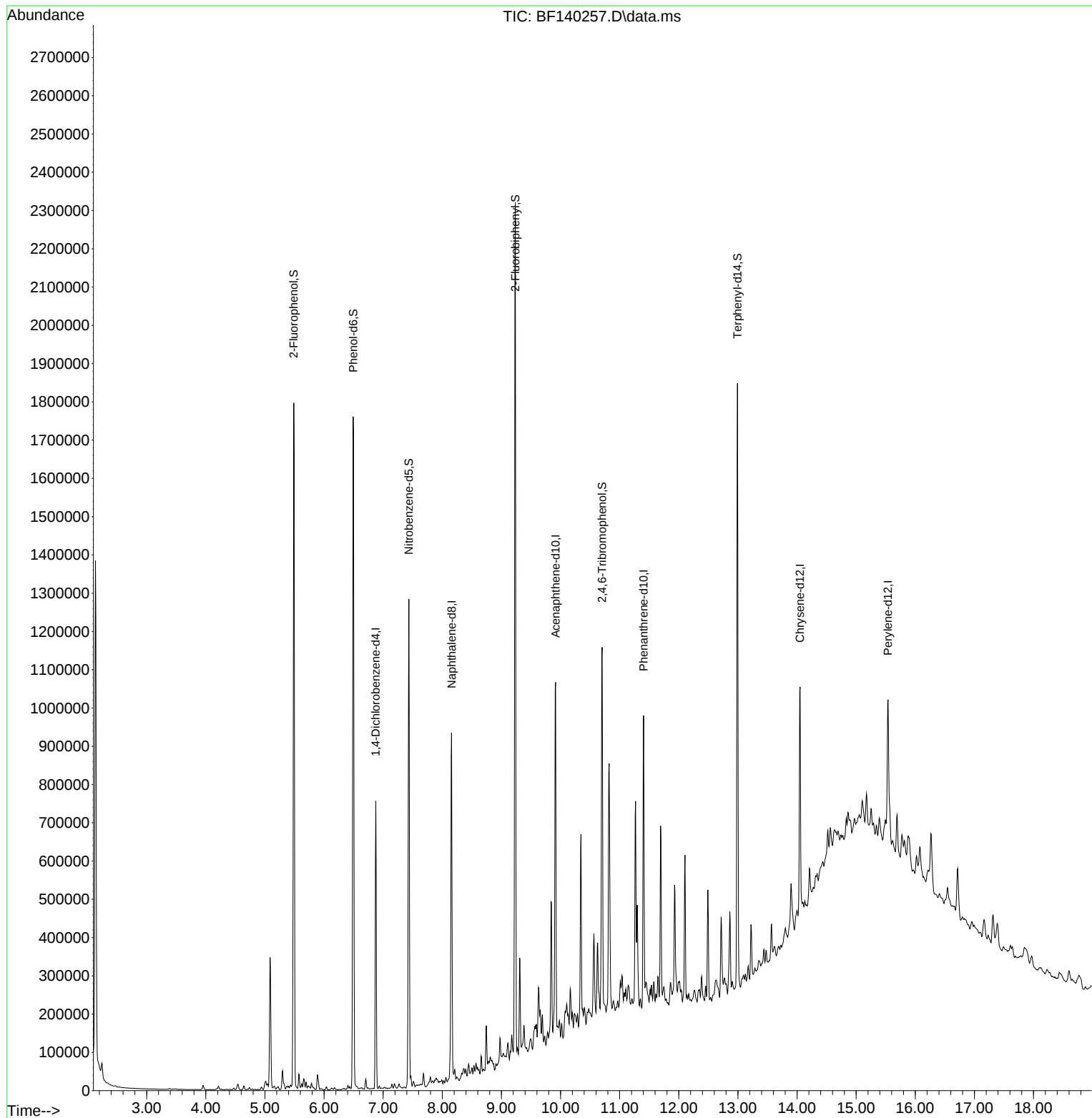
Target Compounds	Qvalue

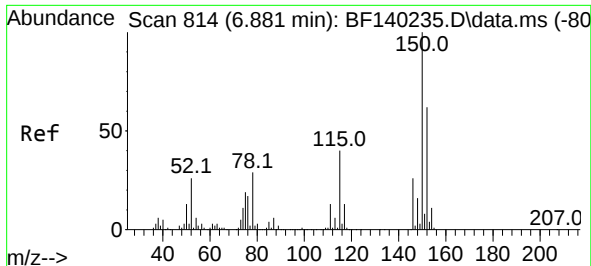
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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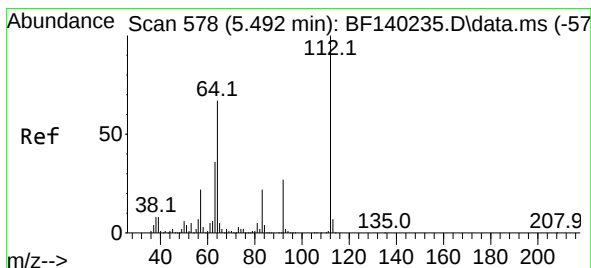
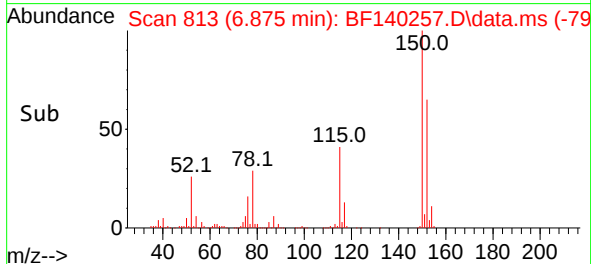
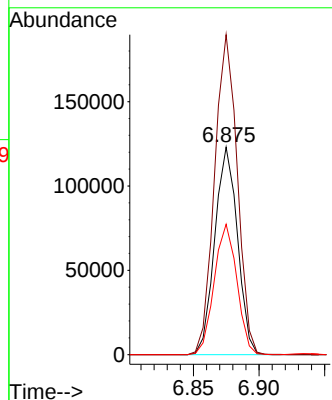
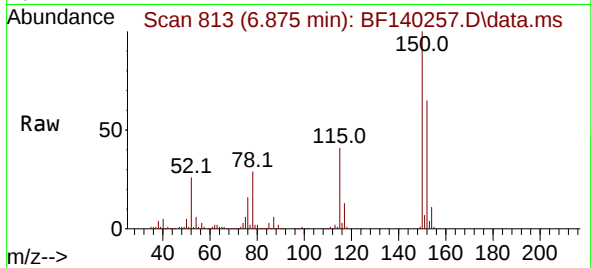




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

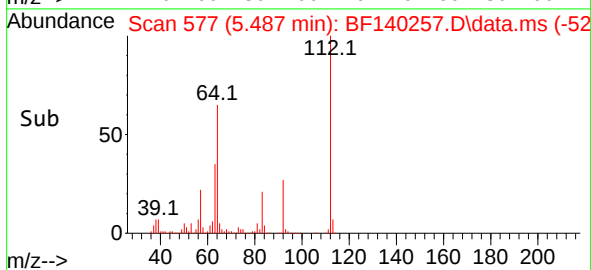
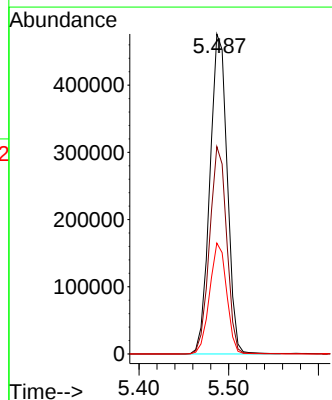
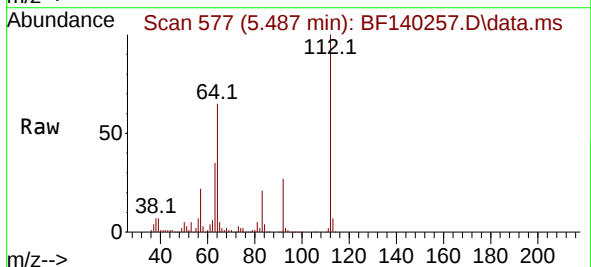
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

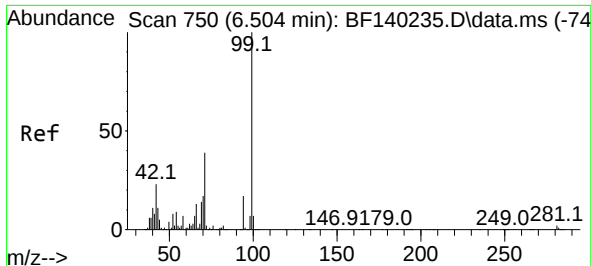
Tgt Ion:152 Resp: 147900
Ion Ratio Lower Upper
152 100
150 154.2 129.4 194.2
115 62.9 51.5 77.3



#5
2-Fluorophenol
Concen: 71.636 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

Tgt Ion:112 Resp: 639330
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 34.6 28.9 43.3

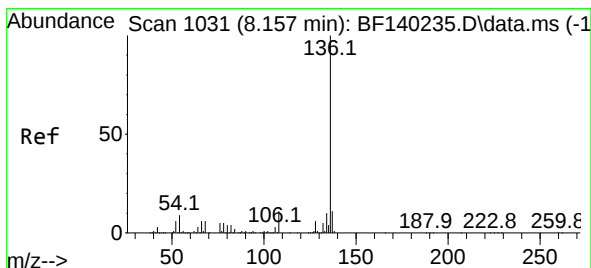
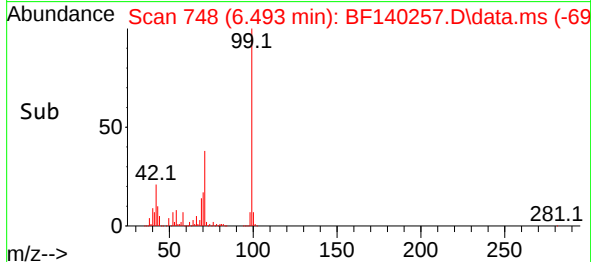
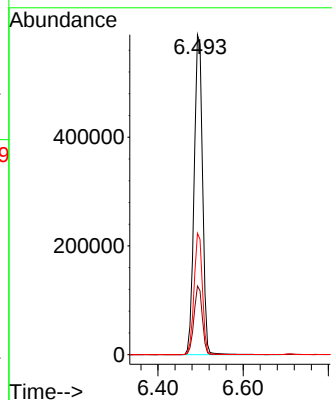
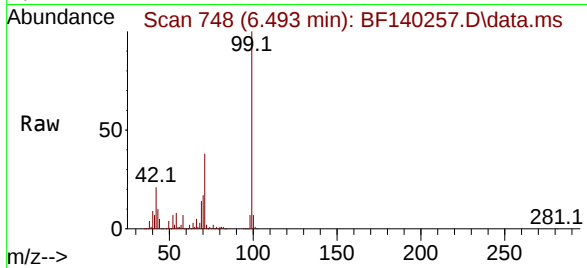




#7
Phenol-d6
Concen: 70.406 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

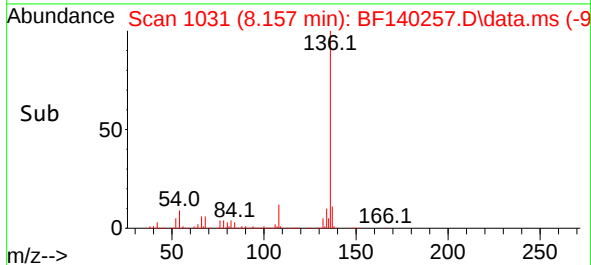
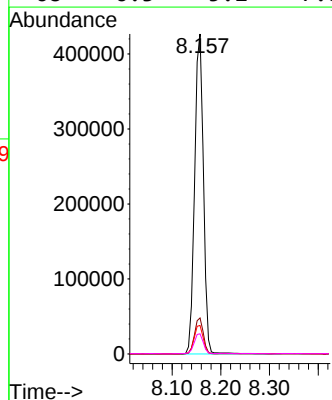
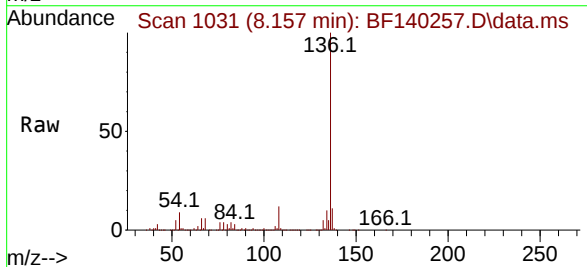
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

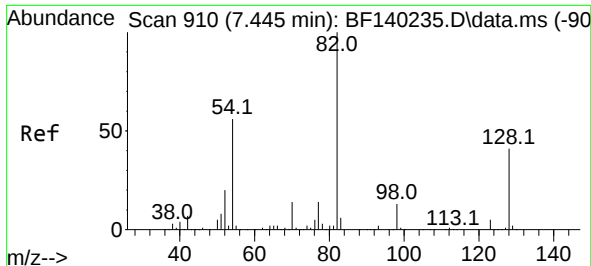
Tgt Ion: 99 Resp: 808207
Ion Ratio Lower Upper
99 100
42 21.5 18.2 27.2
71 38.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

Tgt Ion: 136 Resp: 535760
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.9 7.7 11.5
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.953 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140257.D

Acq: 06 Nov 2024 15:25

Instrument :

BNA_F

ClientSampleId :

HR-02-110424

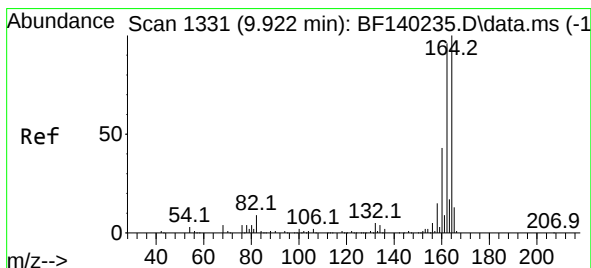
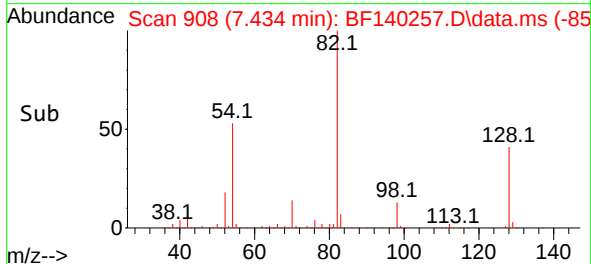
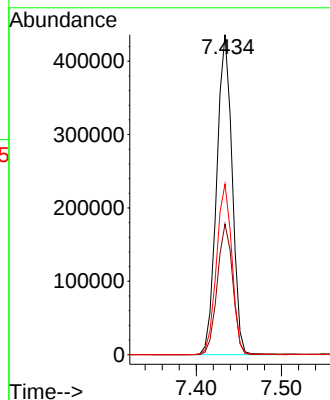
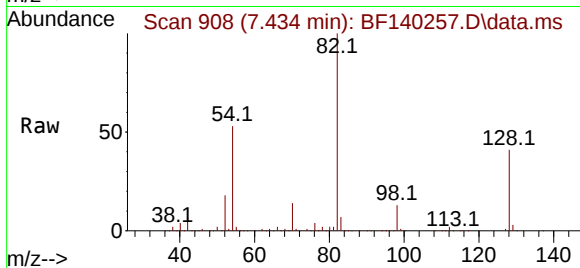
Tgt Ion: 82 Resp: 549070

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 53.3 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF140257.D

Acq: 06 Nov 2024 15:25

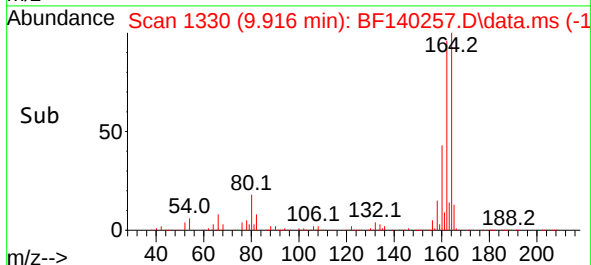
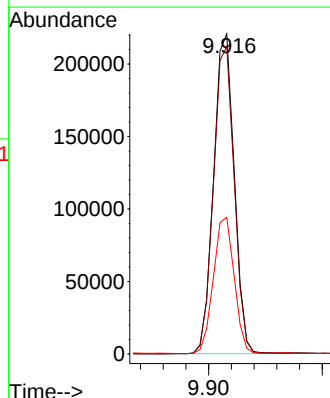
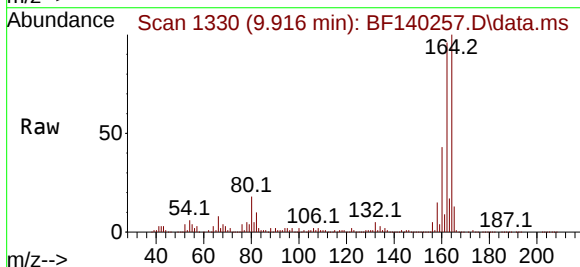
Tgt Ion: 164 Resp: 278758

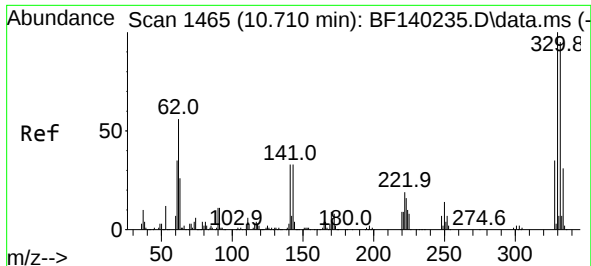
Ion Ratio Lower Upper

164 100

162 96.1 77.0 115.4

160 42.7 34.1 51.1

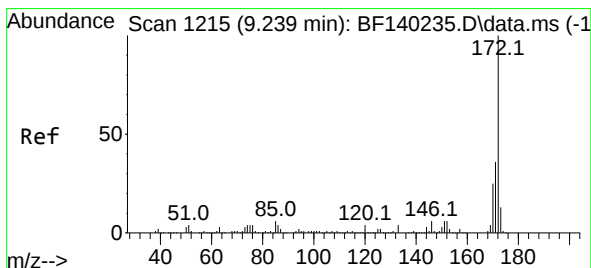
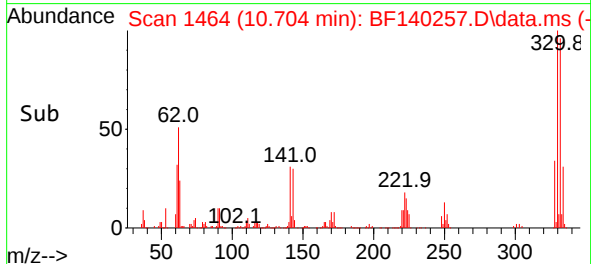
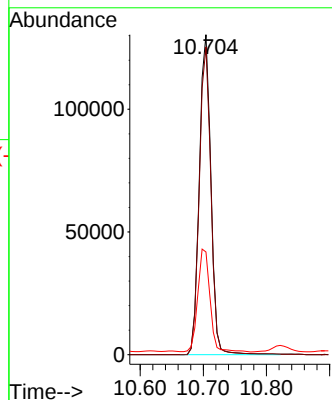
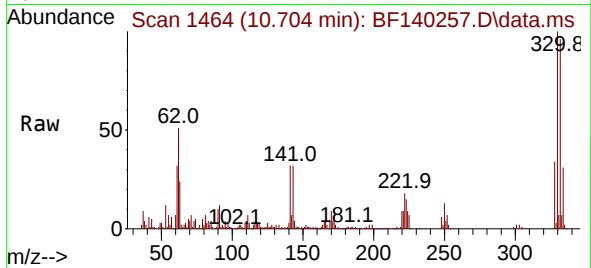




#42
2,4,6-Tribromophenol
Concen: 60.235 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

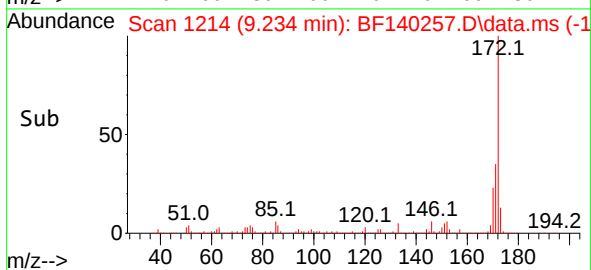
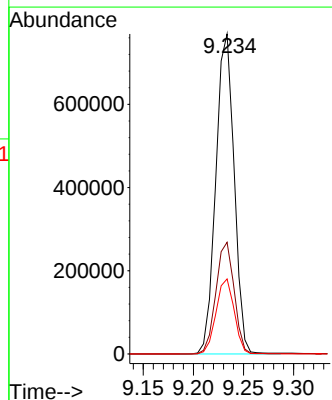
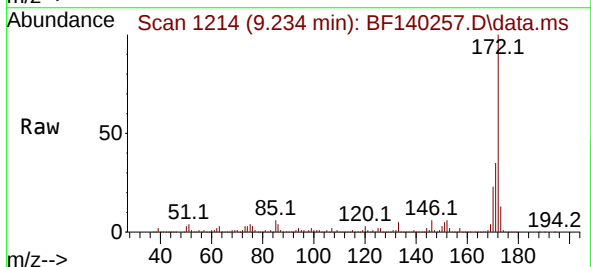
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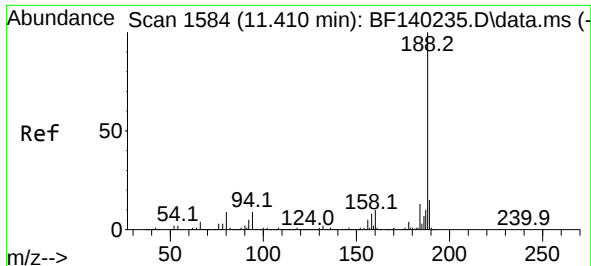
Tgt Ion: 330 Resp: 165969
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 33.9 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 55.953 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

Tgt Ion: 172 Resp: 976794
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.5 19.6 29.4

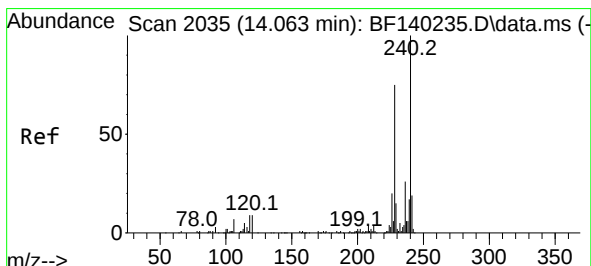
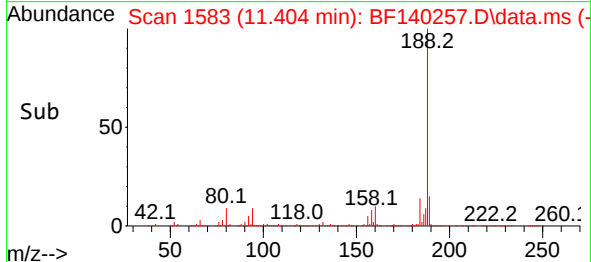
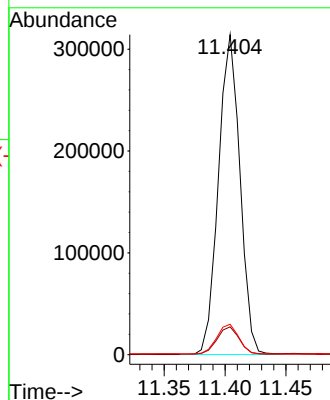
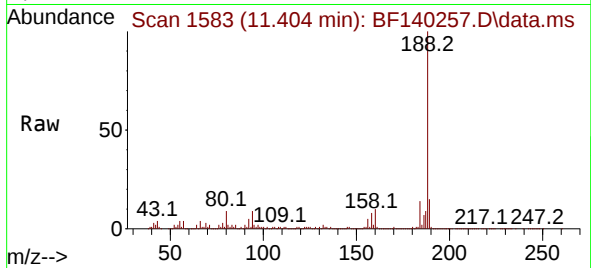




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

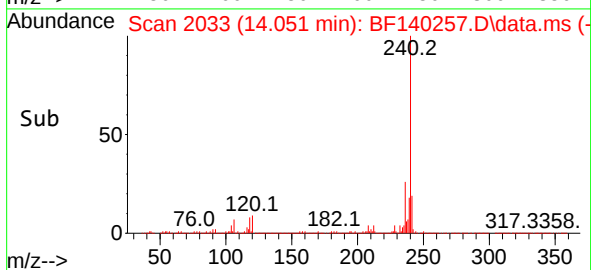
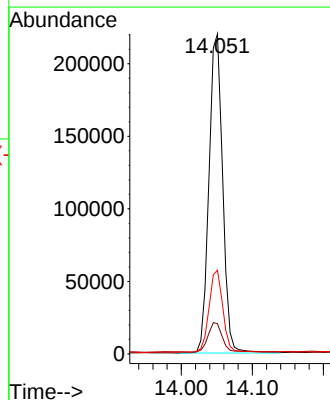
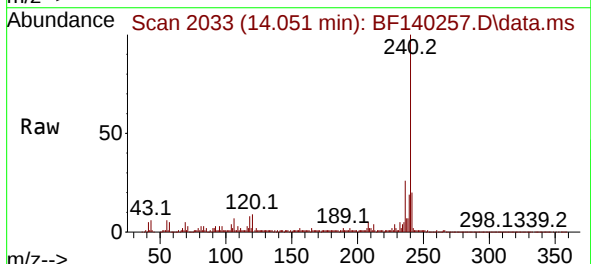
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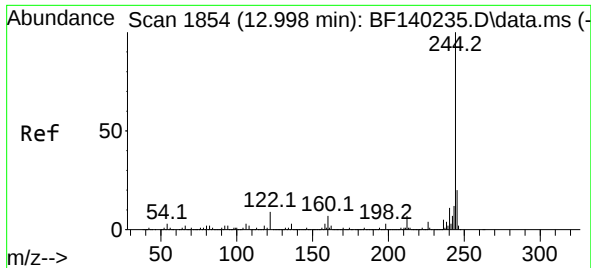
Tgt Ion:188 Resp: 386308
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140257.D
Acq: 06 Nov 2024 15:25

Tgt Ion:240 Resp: 294782
Ion Ratio Lower Upper
240 100
120 9.4 7.5 11.3
236 26.2 20.9 31.3

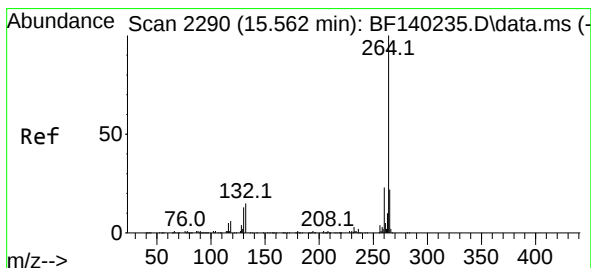
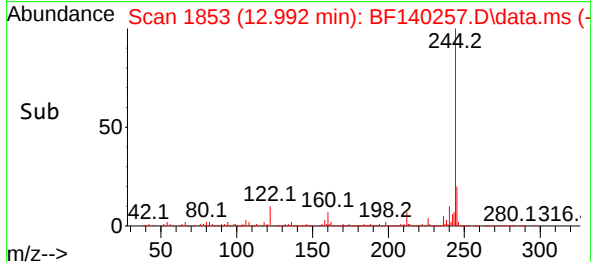
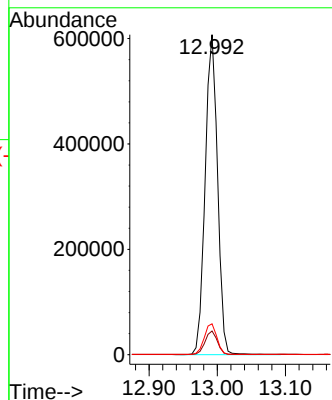
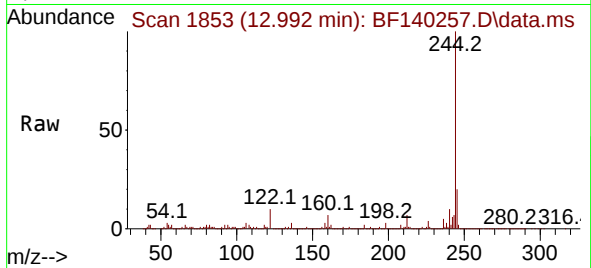




#79
 Terphenyl-d14
 Concen: 42.558 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140257.D
 Acq: 06 Nov 2024 15:25

Instrument :
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 HR-02-110424

Tgt Ion:244 Resp: 765833
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.023 min
 Lab File: BF140257.D
 Acq: 06 Nov 2024 15:25

Tgt Ion:264 Resp: 223360
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.8 17.3 25.9

