

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140035.D
 Acq On : 25 Oct 2024 14:08
 Operator : RC/JU
 Sample : P4485-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D20241001-01-04

Quant Time: Oct 25 14:30:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100863	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	383998	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224792	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	423437	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261149	20.000	ng	0.00
86) Perylene-d12	15.527	264	240822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	785361	121.895	ng	0.02
7) Phenol-d6	6.510	99	981858	117.664	ng	0.00
23) Nitrobenzene-d5	7.451	82	667506	96.343	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	342831	163.048	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1258144	92.500	ng	0.00
79) Terphenyl-d14	12.998	244	1579106	98.531	ng	0.00

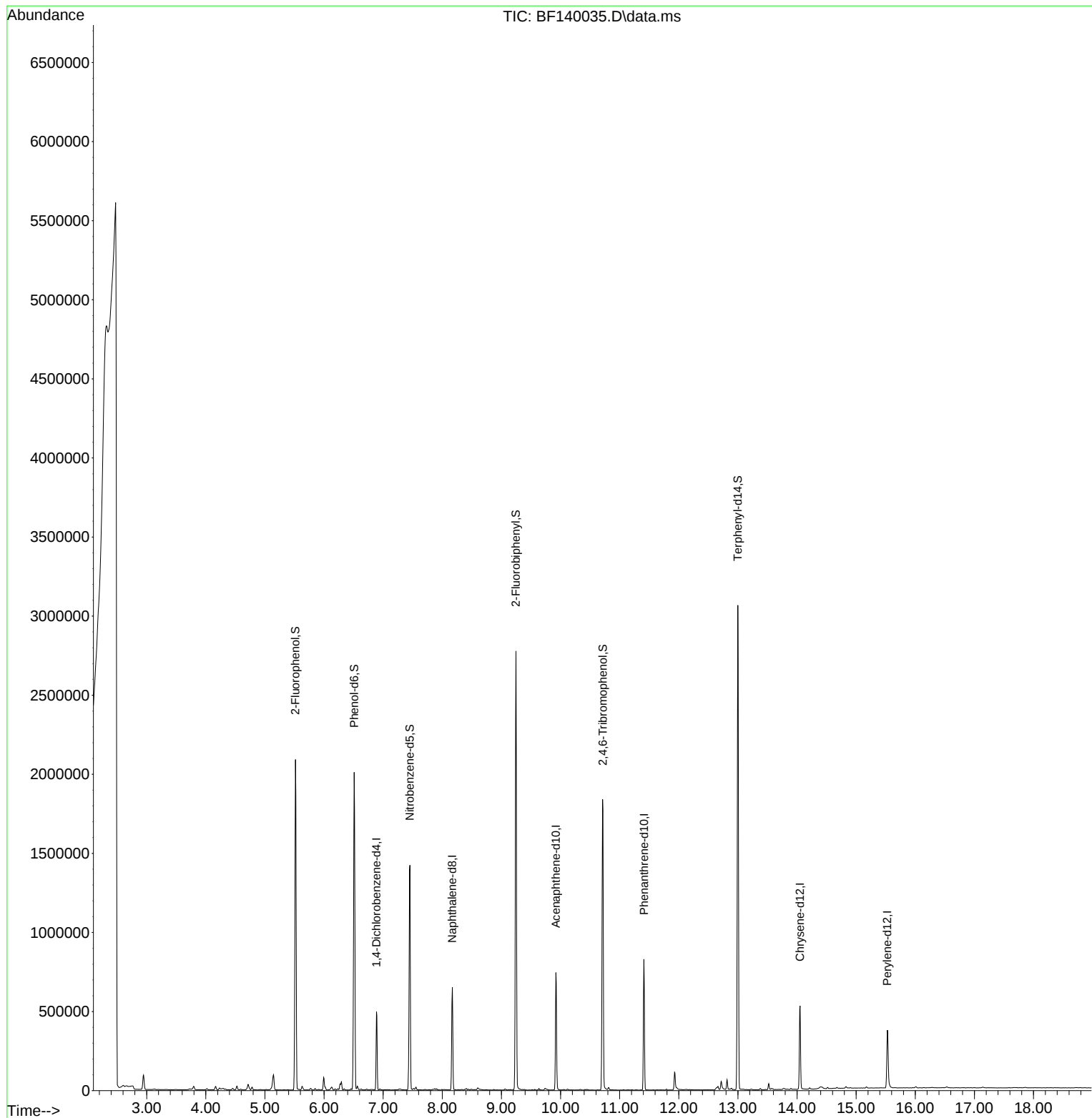
Target Compounds	Qvalue

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

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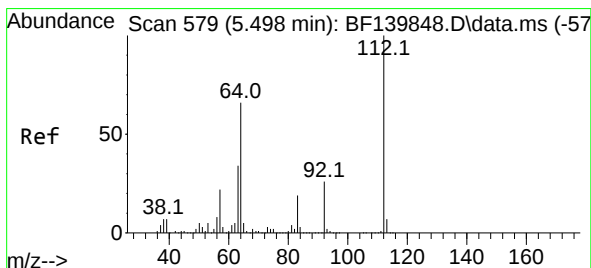
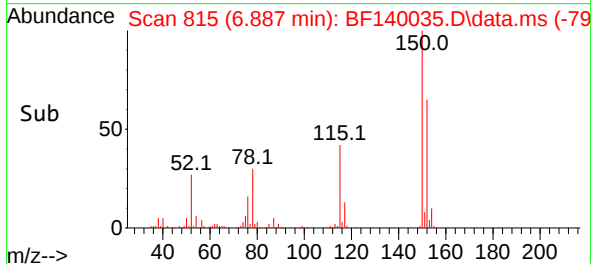
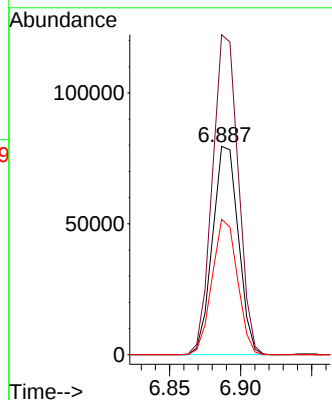
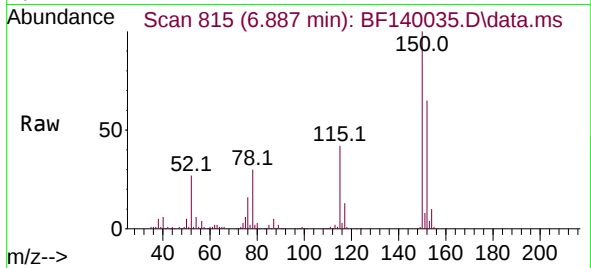




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

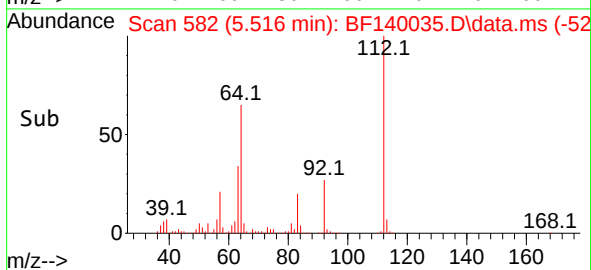
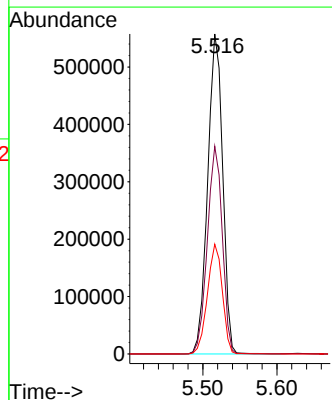
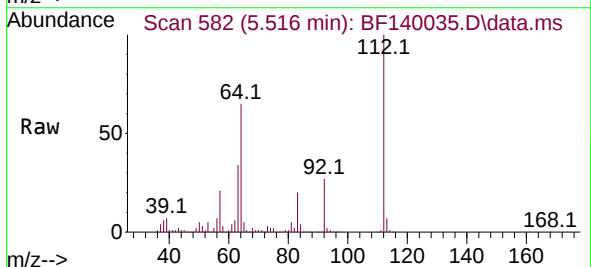
Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

Tgt Ion:152 Resp: 100863
Ion Ratio Lower Upper
152 100
150 153.6 130.2 195.2
115 65.0 51.4 77.2



#5
2-Fluorophenol
Concen: 121.895 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

Tgt Ion:112 Resp: 785361
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.3 27.0 40.4

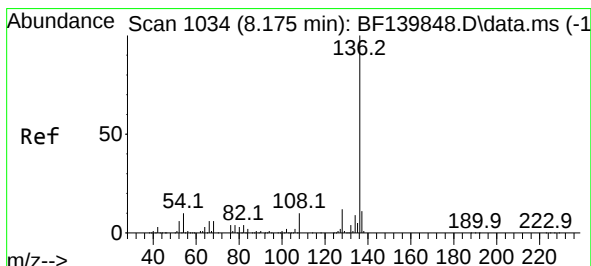
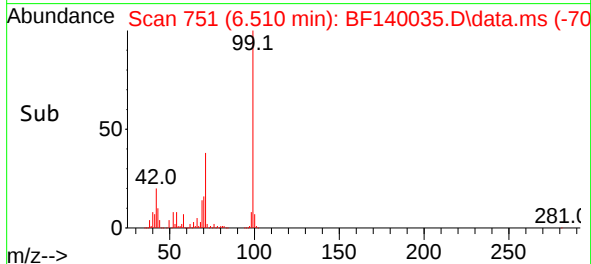
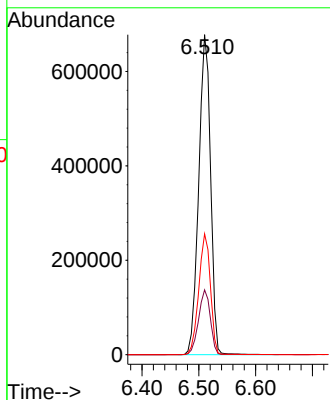
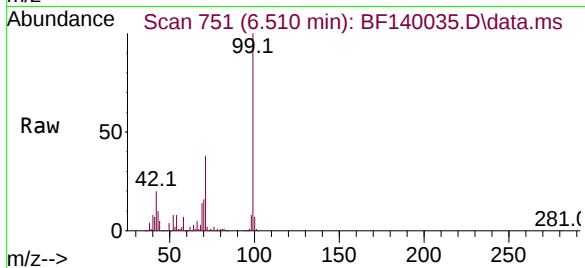




#7
Phenol-d6
Concen: 117.664 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

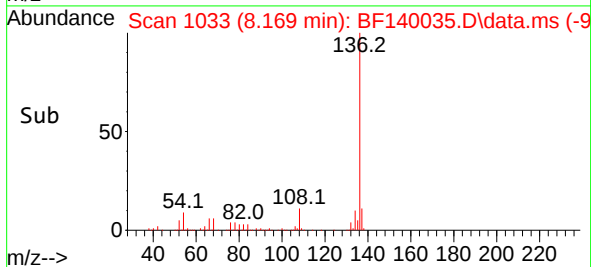
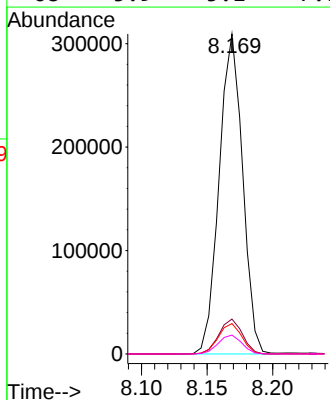
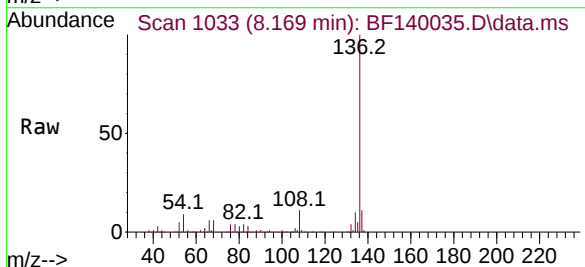
Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

Tgt Ion: 99 Resp: 981858
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 37.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

Tgt Ion: 136 Resp: 383998
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 5.9 5.1 7.7

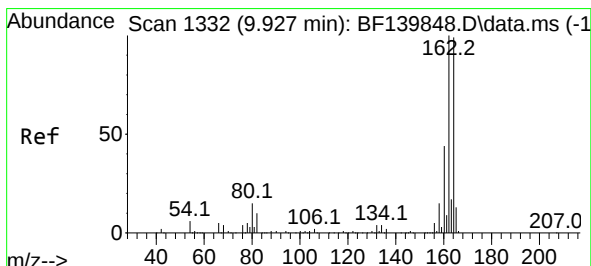
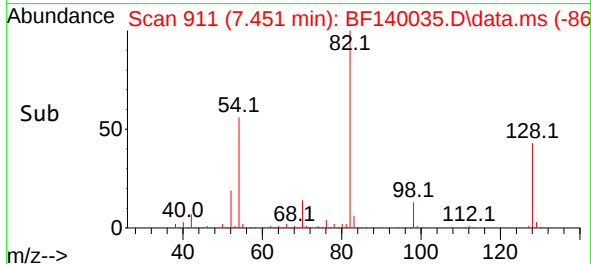
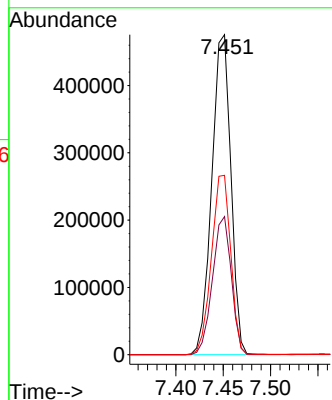
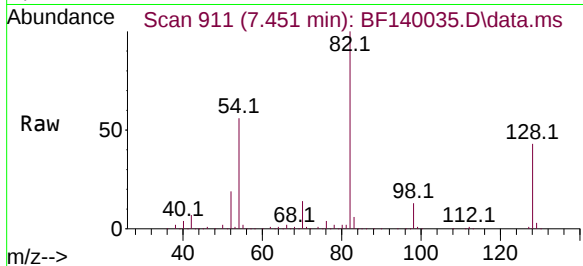




#23
Nitrobenzene-d5
Concen: 96.343 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

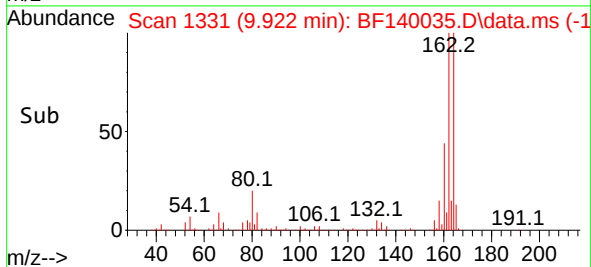
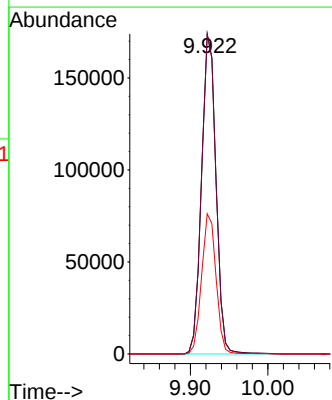
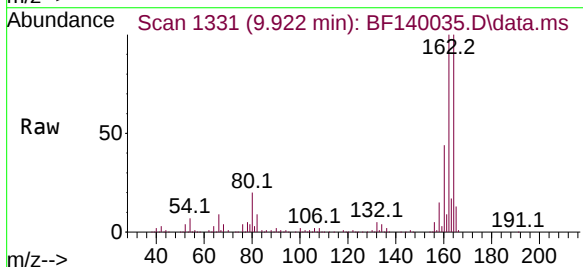
Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

Tgt Ion: 82 Resp: 667506
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 56.1 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

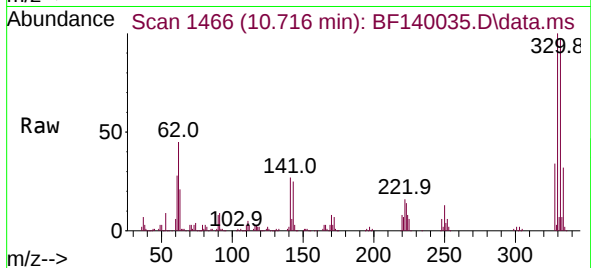
Tgt Ion:164 Resp: 224792
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 43.8 35.4 53.0



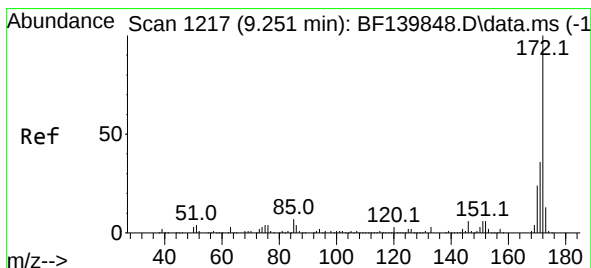
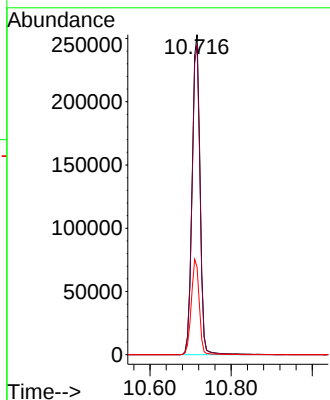
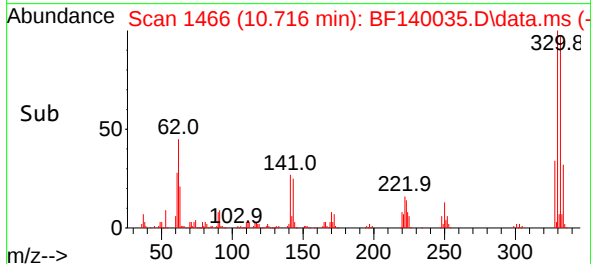


#42
2,4,6-Tribromophenol
Concen: 163.048 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

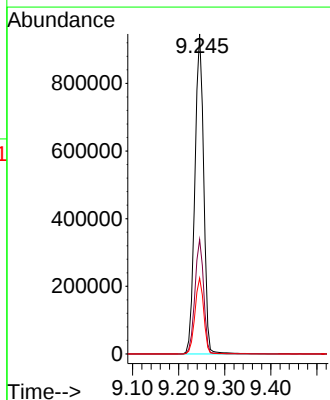
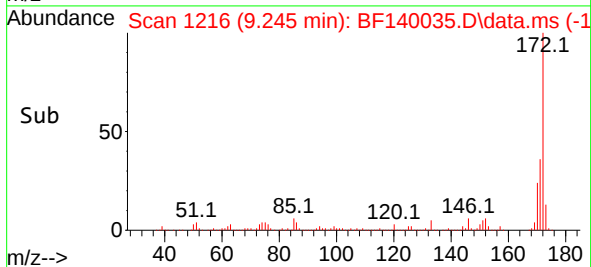
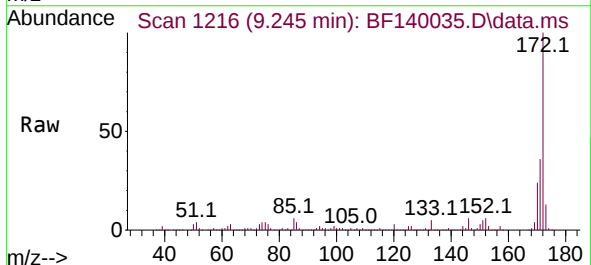


Tgt Ion:330 Resp: 342831
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 92.500 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

Tgt Ion:172 Resp: 1258144
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.1 28.7

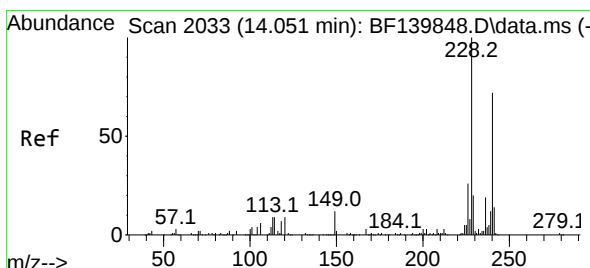
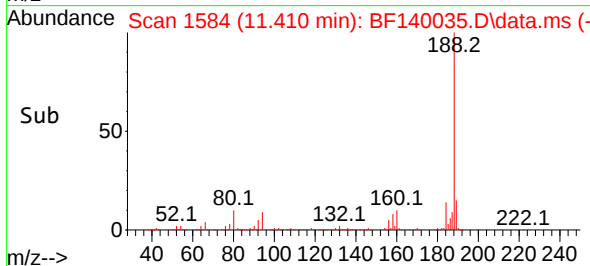
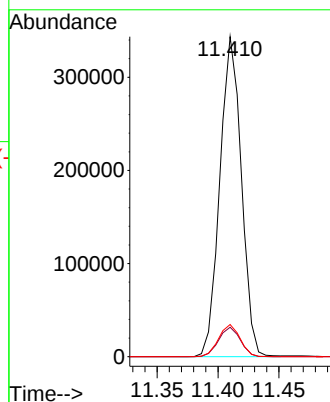
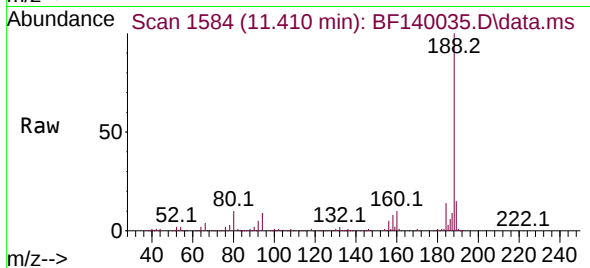




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

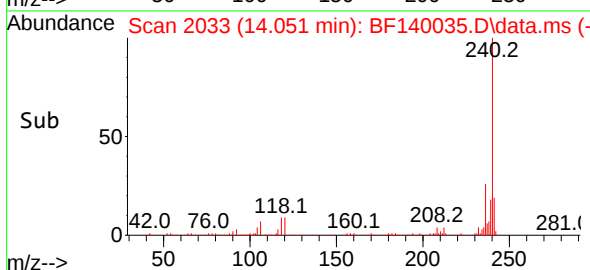
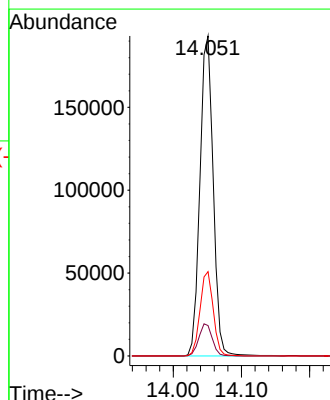
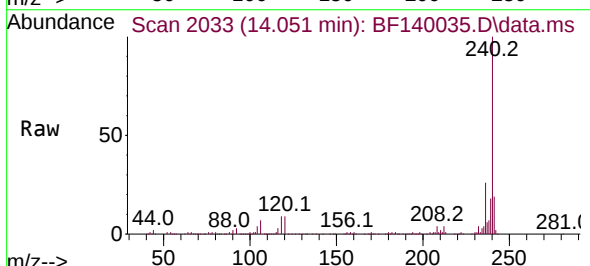
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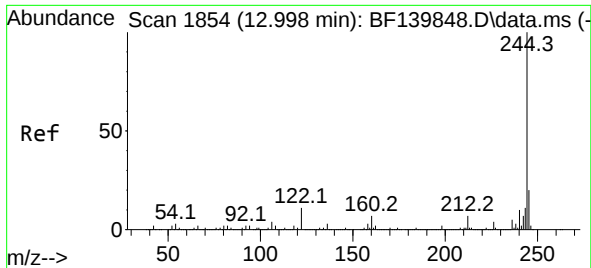
Tgt Ion:188 Resp: 423437
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140035.D
Acq: 25 Oct 2024 14:08

Tgt Ion:240 Resp: 261149
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.2
236 26.4 20.9 31.3

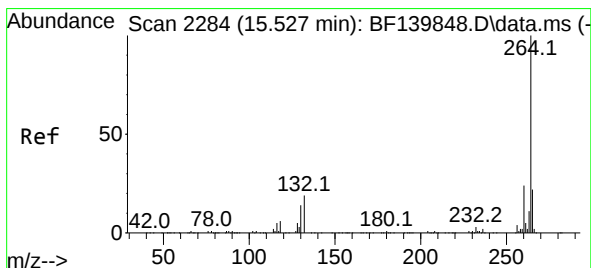
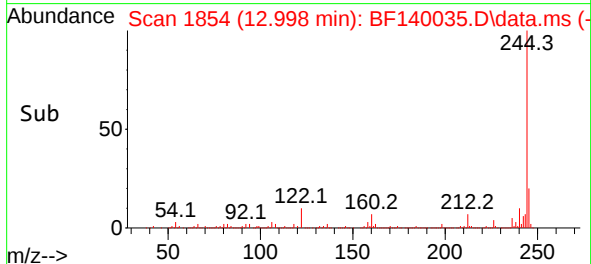
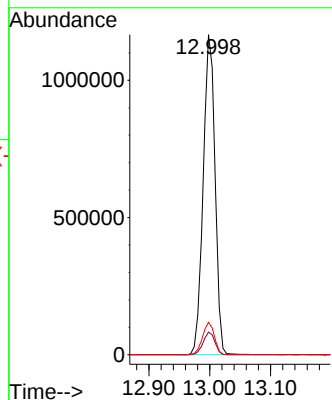
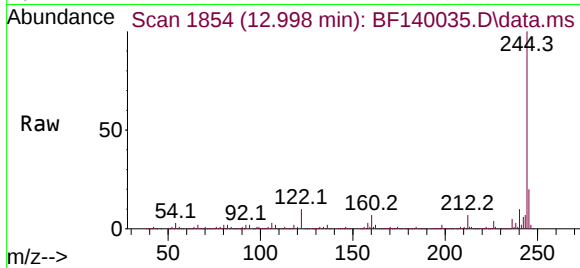




#79
 Terphenyl-d14
 Concen: 98.531 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140035.D
 Acq: 25 Oct 2024 14:08

Instrument :
 BNA_F
 ClientSampleId :
 D20241001-01-04

Tgt Ion:244 Resp: 1579106
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140035.D
 Acq: 25 Oct 2024 14:08

Tgt Ion:264 Resp: 240822
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 17.4 26.0

