

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140128.D
Acq On : 29 Oct 2024 22:31
Operator : RC/JU
Sample : P4598-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F12

Quant Time: Oct 30 01:05:27 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	125215	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	488385	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	248126	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	349852	20.000	ng	0.00
76) Chrysene-d12	14.051	240	245891	20.000	ng	0.00
86) Perylene-d12	15.539	264	234454	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	571370	71.435	ng	0.01
7) Phenol-d6	6.510	99	724581	69.945	ng	0.00
23) Nitrobenzene-d5	7.445	82	490227	55.633	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	141542	60.986	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	890566	59.318	ng	0.00
79) Terphenyl-d14	12.998	244	664365	44.026	ng	0.00

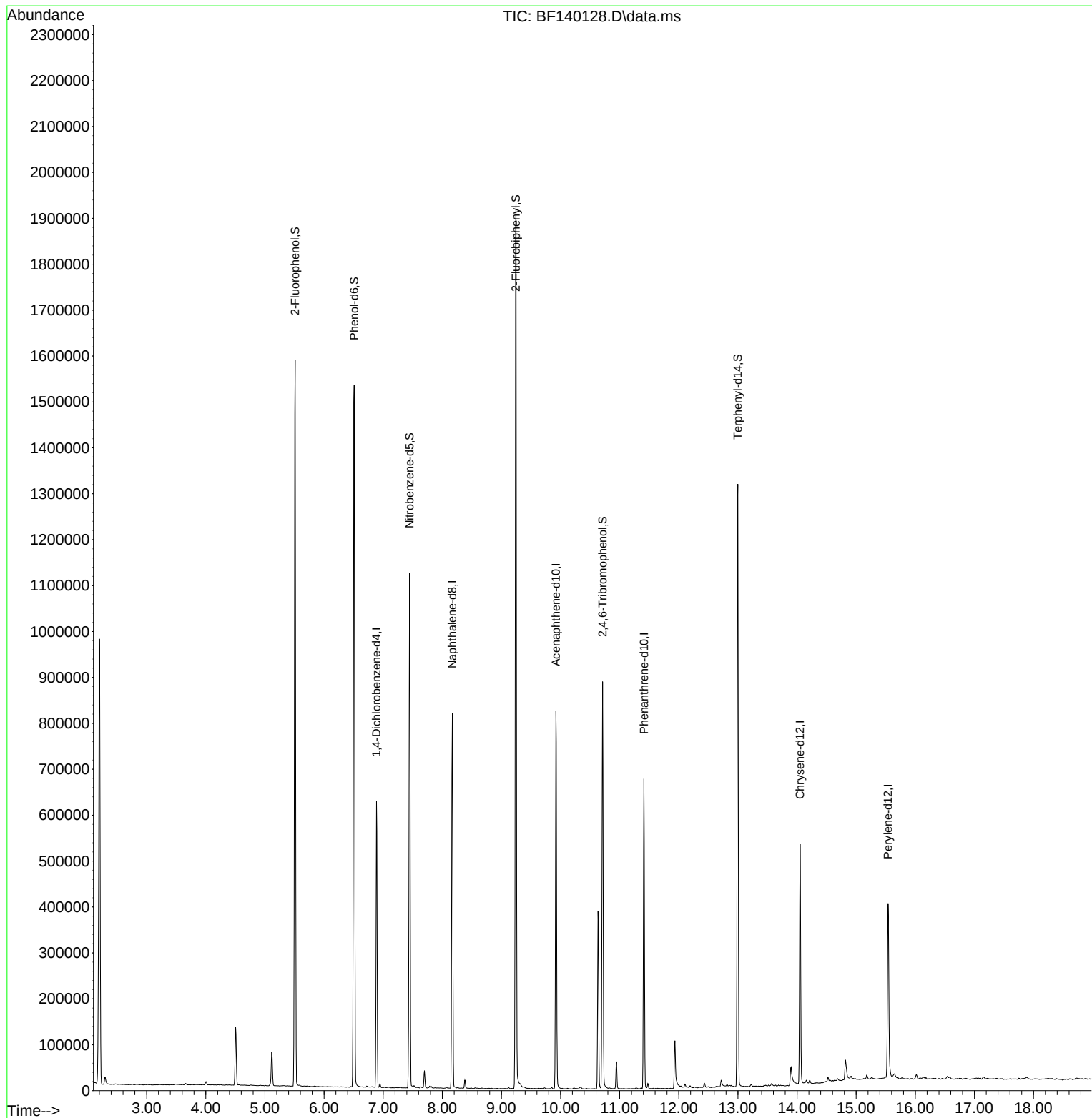
Target Compounds	Qvalue

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

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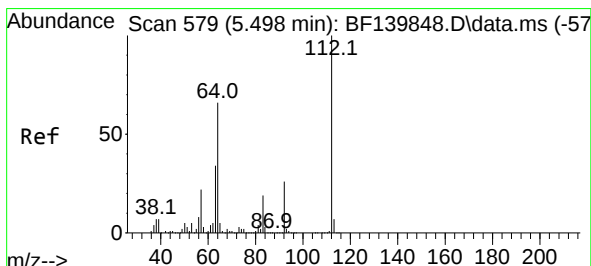
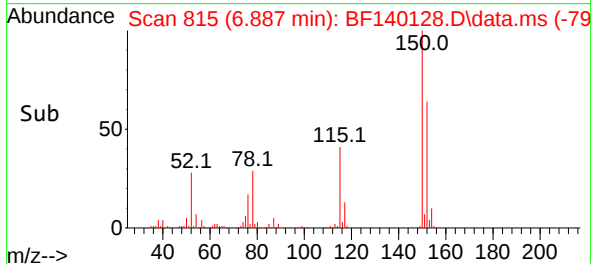
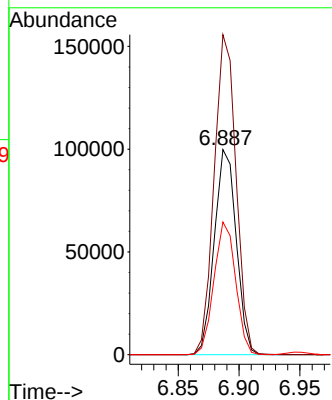
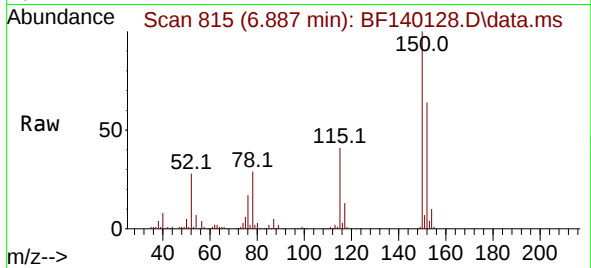




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

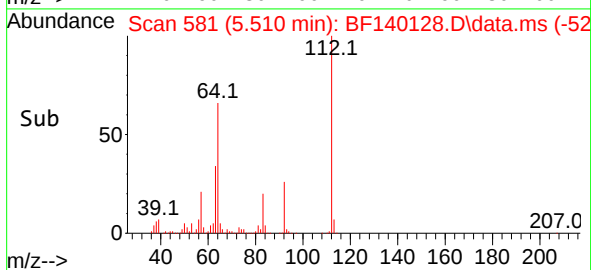
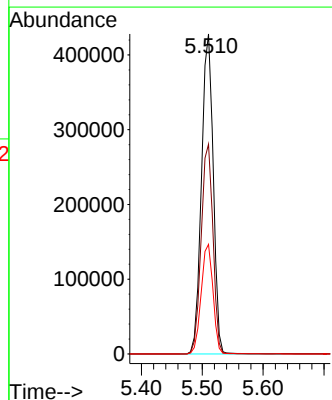
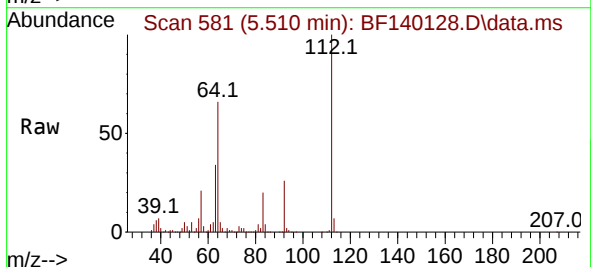
Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion:152 Resp: 125215
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 71.435 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion:112 Resp: 571370
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.2 27.0 40.4

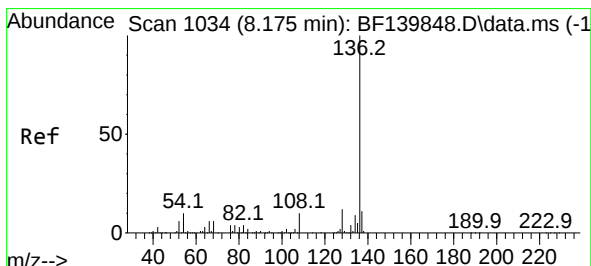
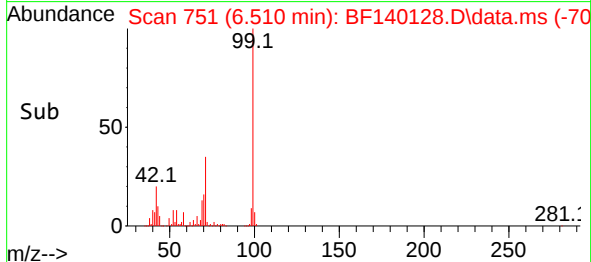
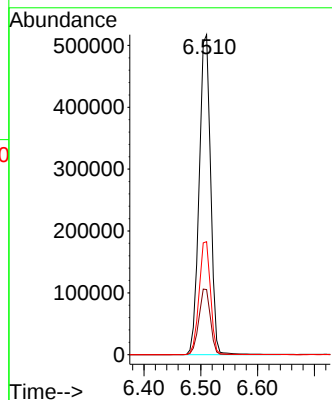
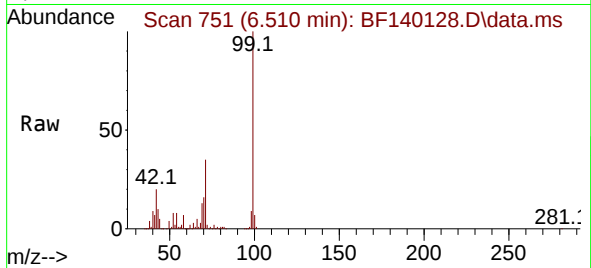




#7
Phenol-d6
Concen: 69.945 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

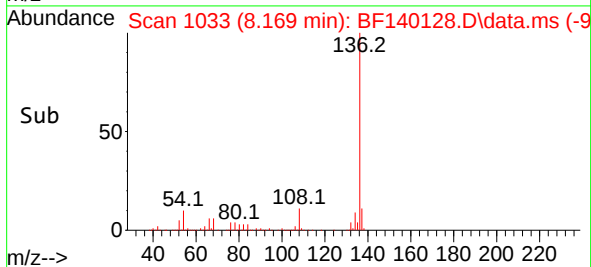
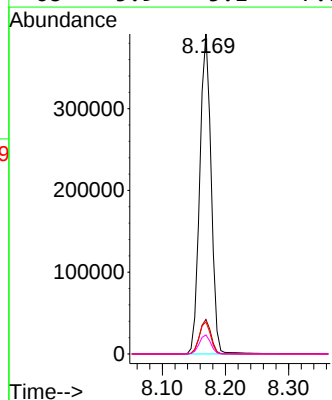
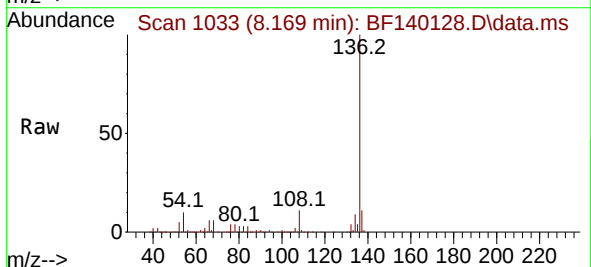
Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion: 99 Resp: 724581
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 35.3 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: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion: 136 Resp: 488385
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 55.633 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140128.D

Acq: 29 Oct 2024 22:31

Instrument :

BNA_F

ClientSampleId :

BP-F12

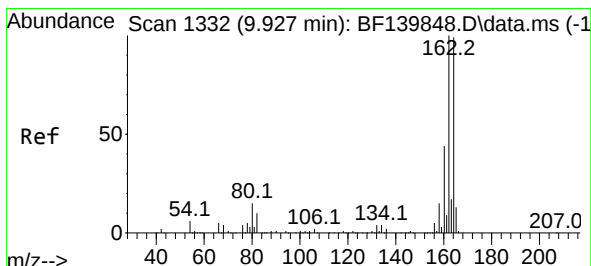
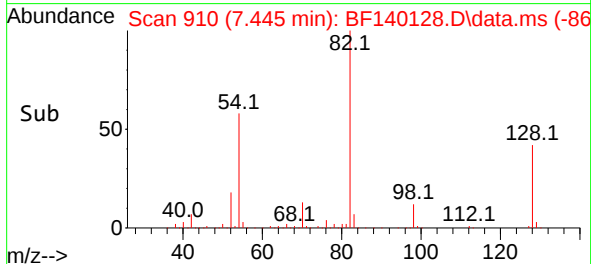
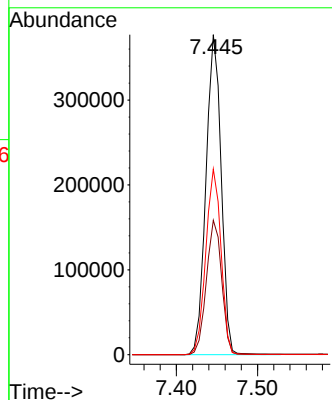
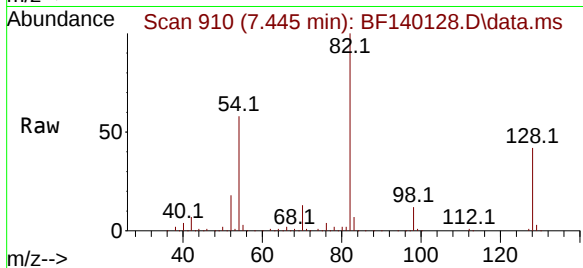
Tgt Ion: 82 Resp: 490227

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

54 58.0 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: BF140128.D

Acq: 29 Oct 2024 22:31

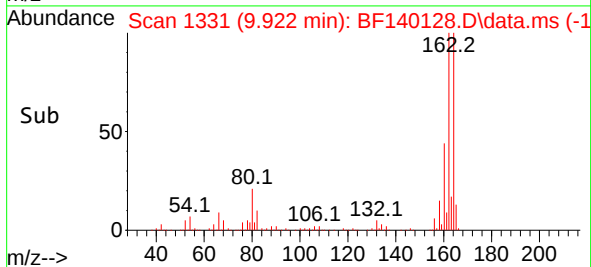
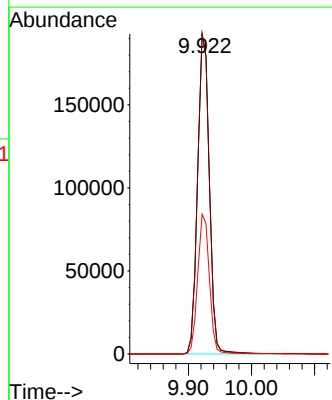
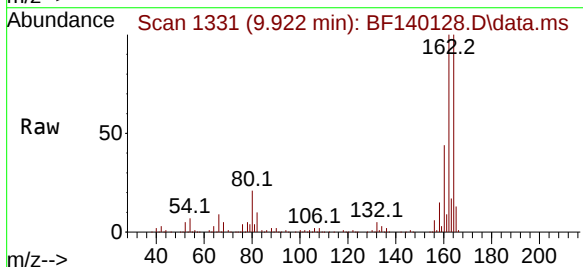
Tgt Ion:164 Resp: 248126

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 43.7 35.4 53.0

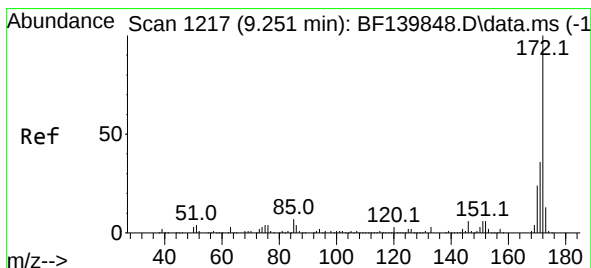
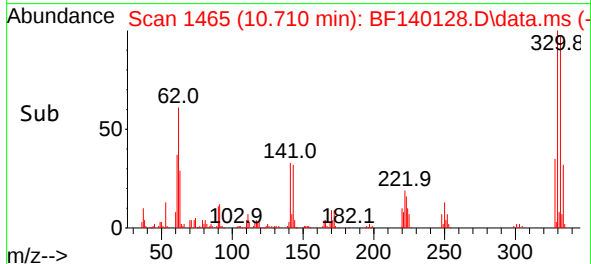
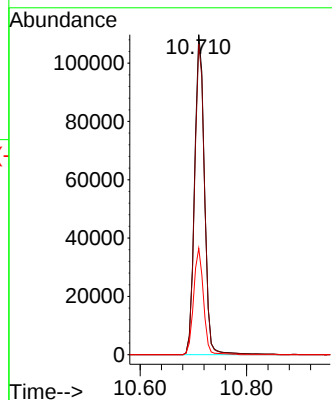
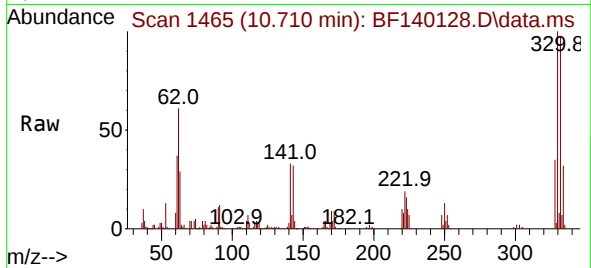




#42
2,4,6-Tribromophenol
Concen: 60.986 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

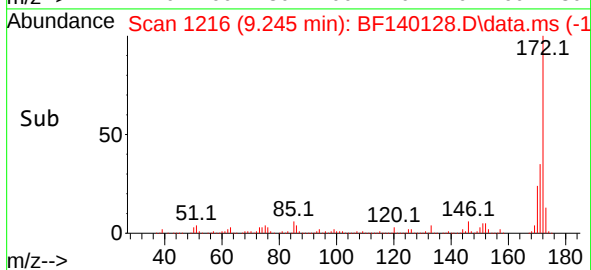
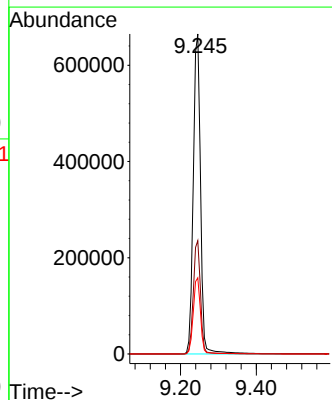
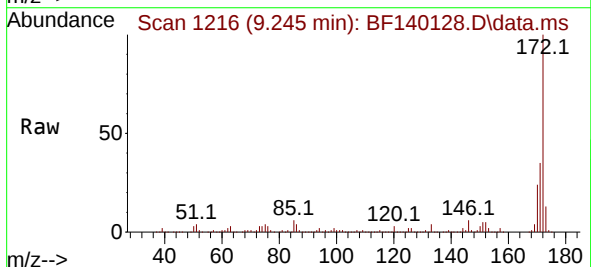
Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion:330 Resp: 141542
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 33.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 59.318 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion:172 Resp: 890566
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7

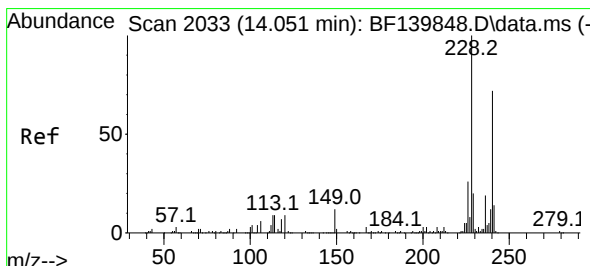
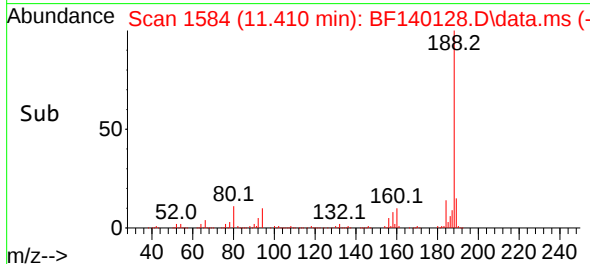
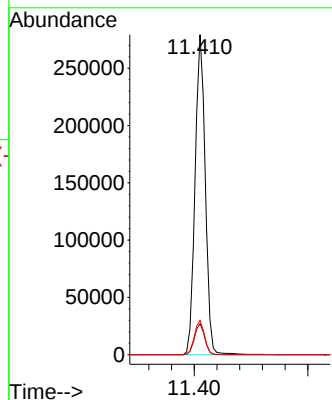
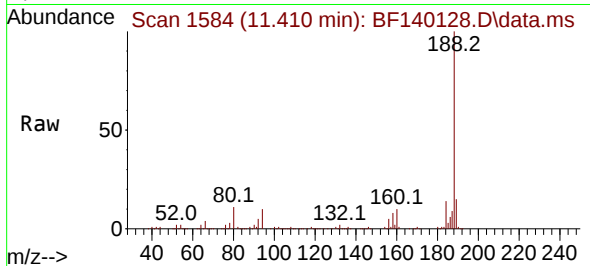




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

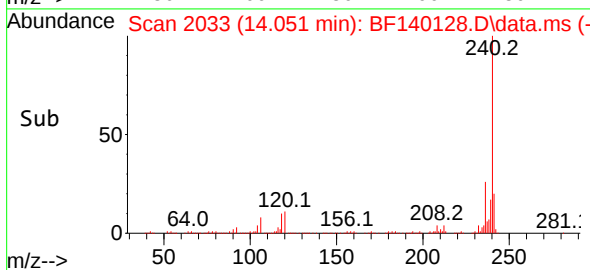
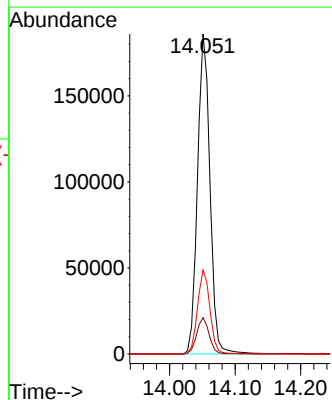
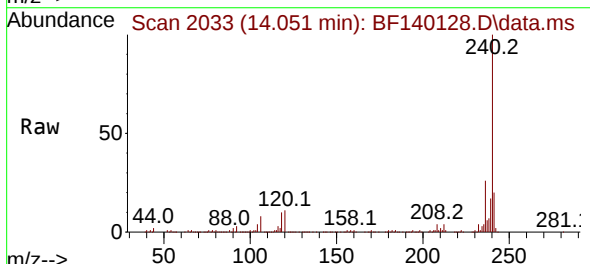
Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion:188 Resp: 349852
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.7 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: BF140128.D
Acq: 29 Oct 2024 22:31

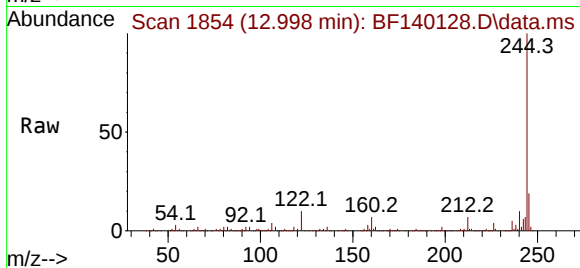
Tgt Ion:240 Resp: 245891
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.2 20.9 31.3



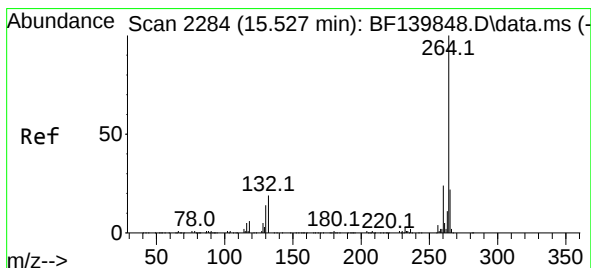
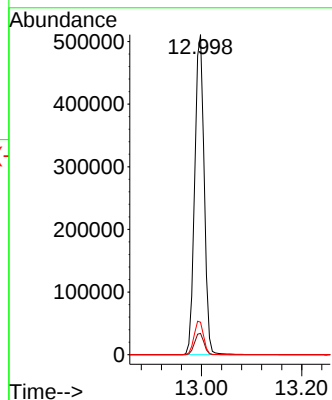
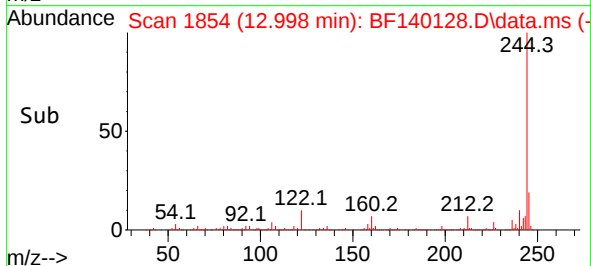


#79
 Terphenyl-d14
 Concen: 44.026 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140128.D
 Acq: 29 Oct 2024 22:31

Instrument :
 BNA_F
 ClientSampleId :
 BP-F12



Tgt Ion:244 Resp: 664365
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.012 min
 Lab File: BF140128.D
 Acq: 29 Oct 2024 22:31

Tgt Ion:264 Resp: 234454
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 17.4 26.0

