

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140158.D
 Acq On : 30 Oct 2024 15:34
 Operator : RC/JU
 Sample : P4611-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 30 16:16:47 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	6.881	152	96176	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	368725	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	200056	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	344219	20.000	ng	0.00
76) Chrysene-d12	14.080	240	163914	20.000	ng	0.03
86) Perylene-d12	15.615	264	183585	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	581719	94.688	ng	0.00
7) Phenol-d6	6.504	99	760739	95.608	ng	0.00
23) Nitrobenzene-d5	7.439	82	527871	79.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	207590	110.936	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	946865	78.222	ng	-0.01
79) Terphenyl-d14	13.010	244	924763	91.931	ng	0.01

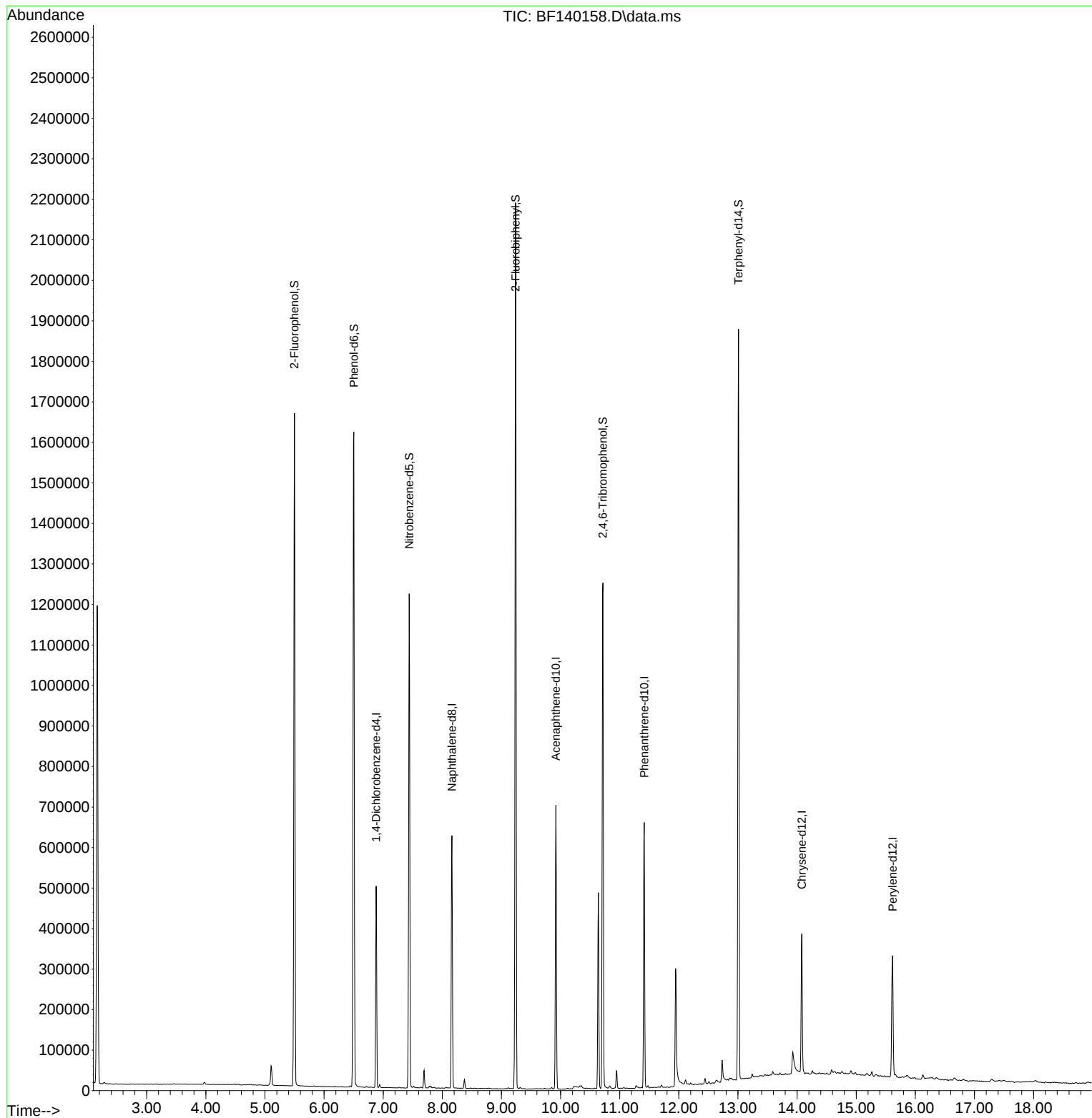
Target Compounds	Qvalue

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

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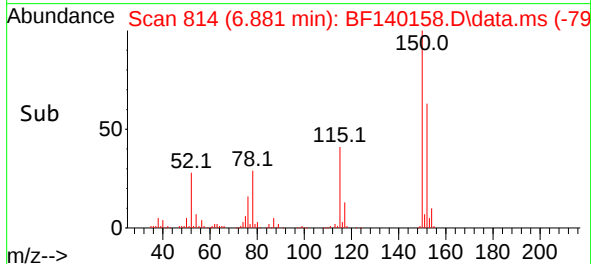
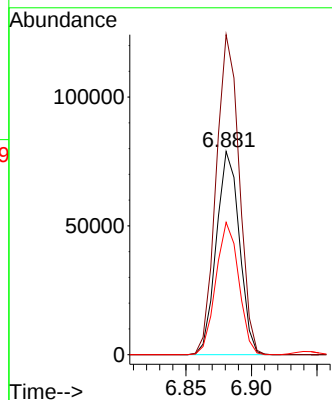
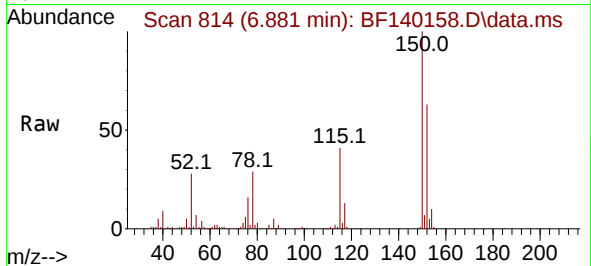




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

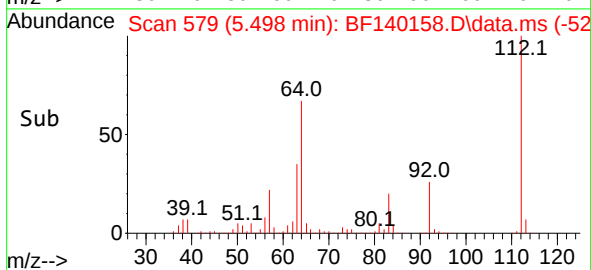
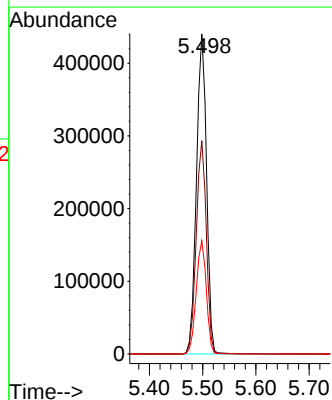
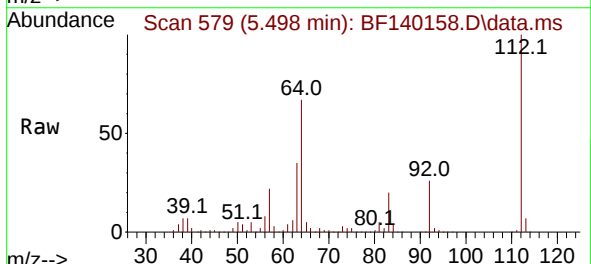
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 96176
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 94.688 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion:112 Resp: 581719
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.4 27.0 40.4

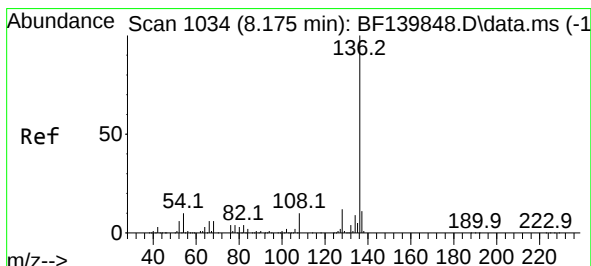
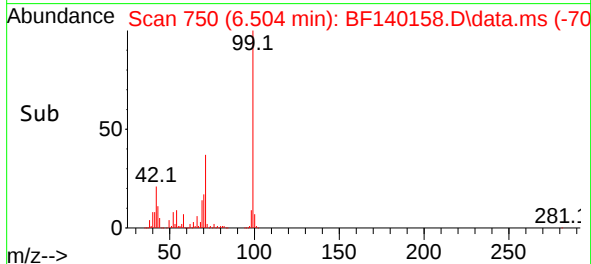
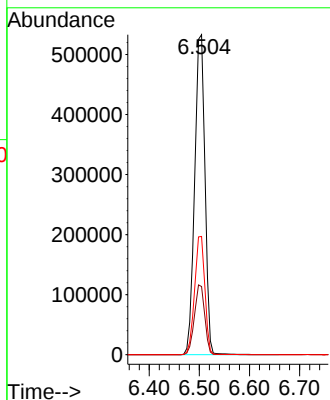
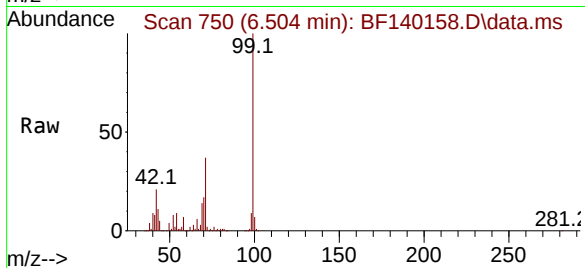




#7
Phenol-d6
Concen: 95.608 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

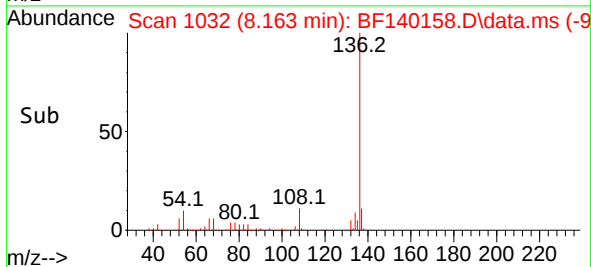
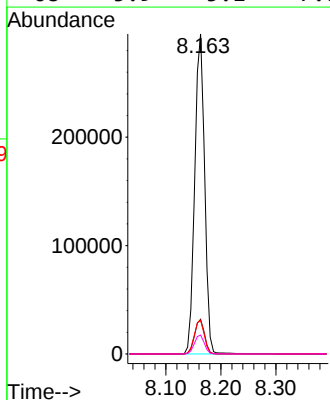
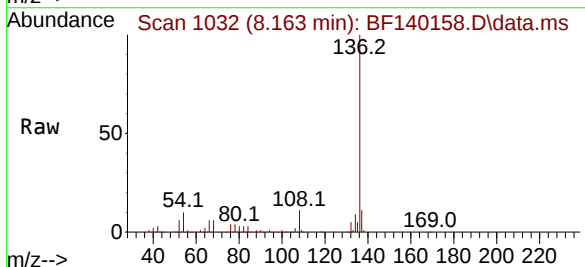
Instrument :
BNA_F
ClientSampleId :
TP-5

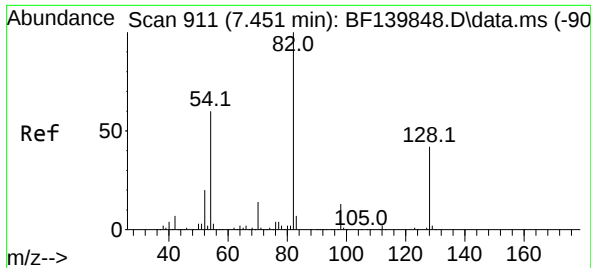
Tgt Ion: 99 Resp: 760739
Ion Ratio Lower Upper
99 100
42 21.3 16.7 25.1
71 36.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion: 136 Resp: 368725
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 8.4 12.6
68 5.9 5.1 7.7

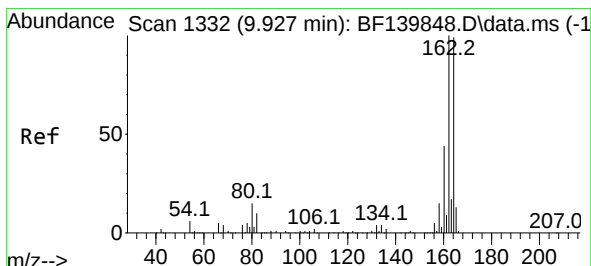
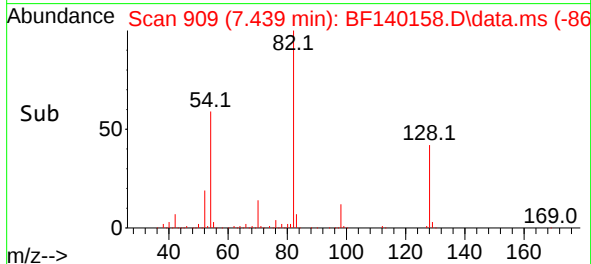
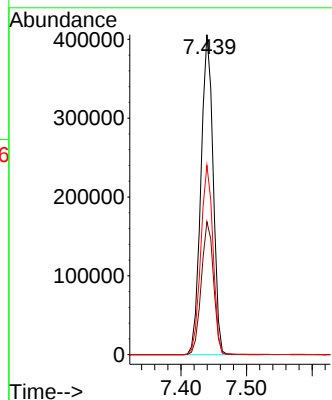
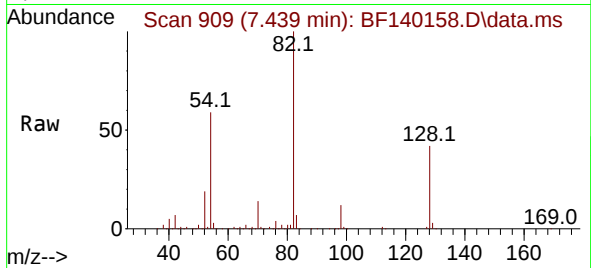




#23
Nitrobenzene-d5
Concen: 79.345 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

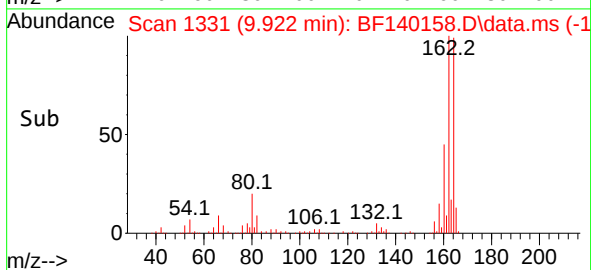
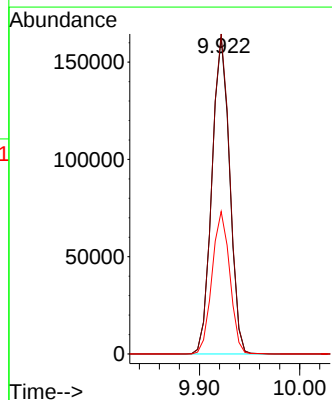
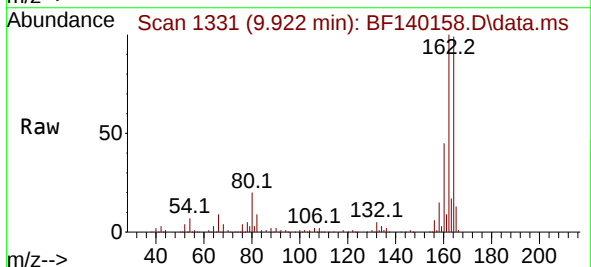
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 527871
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 59.2 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: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion: 164 Resp: 200056
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.0 35.4 53.0

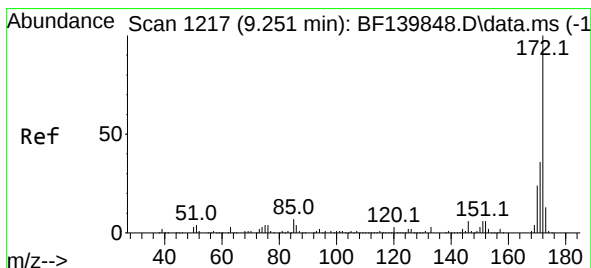
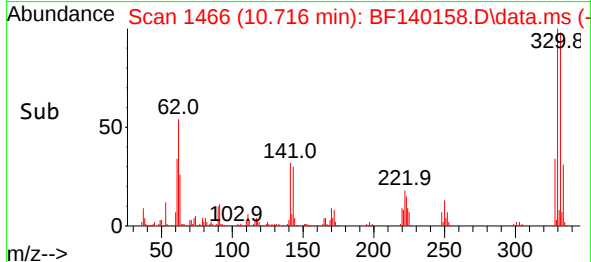
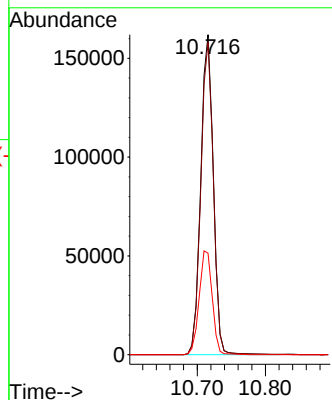
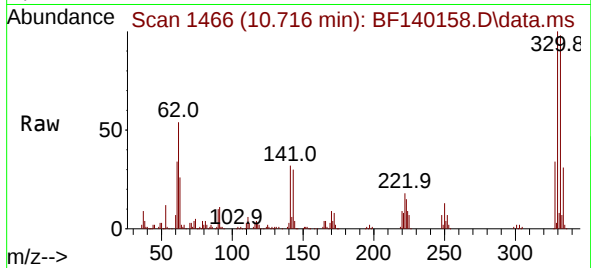




#42
2,4,6-Tribromophenol
Concen: 110.936 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

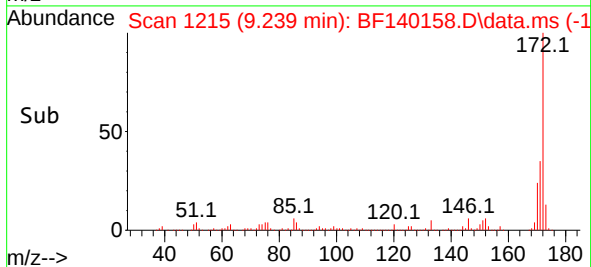
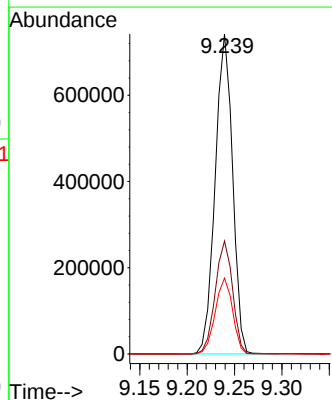
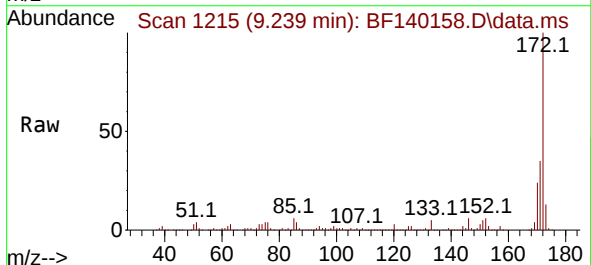
Instrument :
BNA_F
ClientSampleId :
TP-5

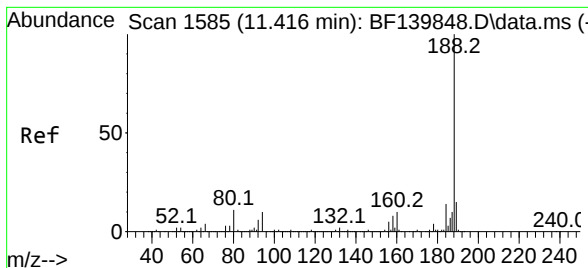
Tgt Ion: 330 Resp: 207590
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 33.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 78.222 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion: 172 Resp: 946865
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

Instrument :

BNA_F

ClientSampleId :

TP-5

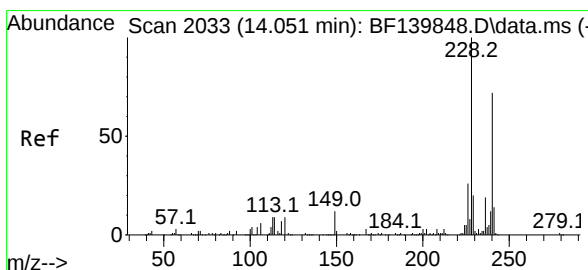
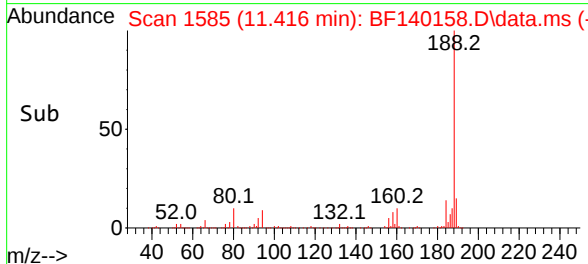
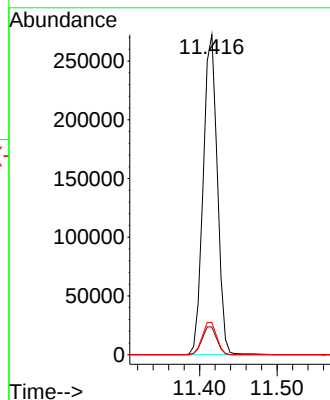
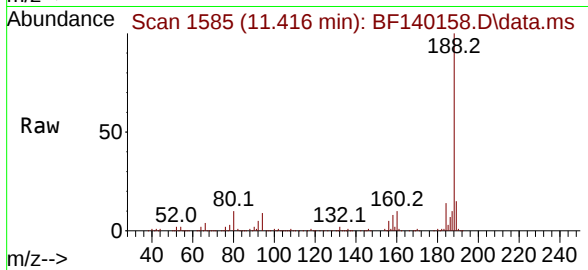
Tgt Ion:188 Resp: 344219

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 10.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.030 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

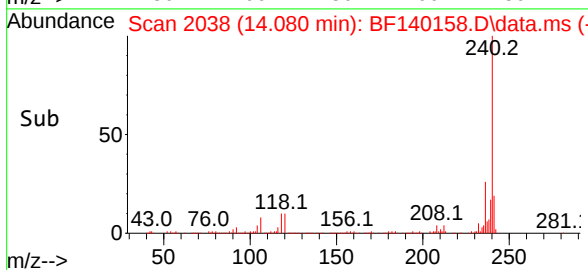
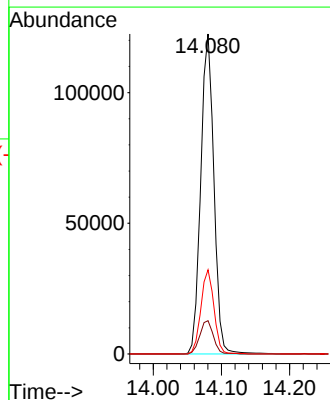
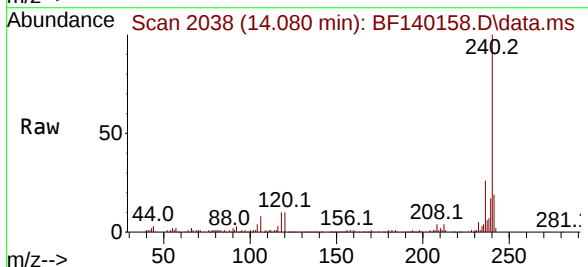
Tgt Ion:240 Resp: 163914

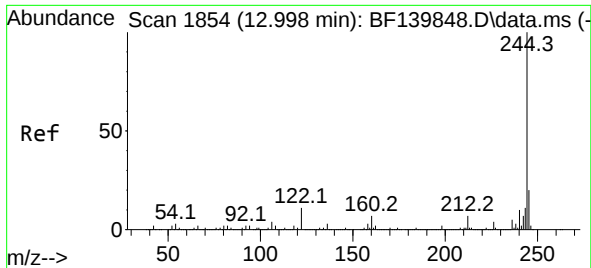
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.3 20.9 31.3

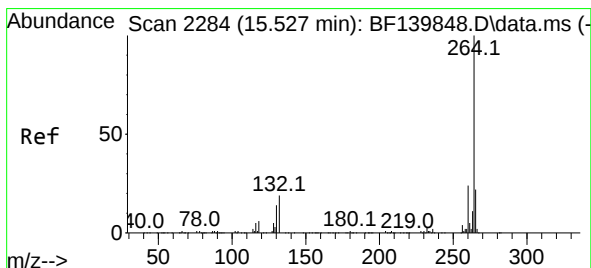
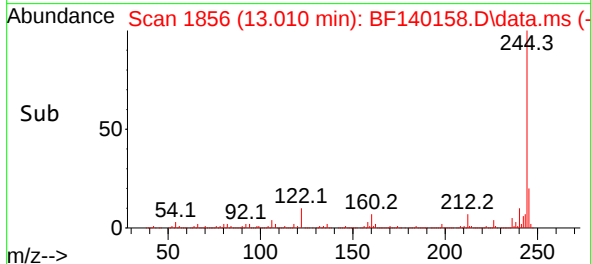
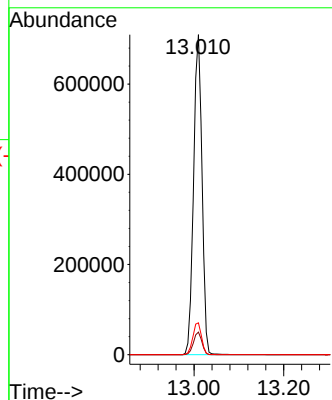
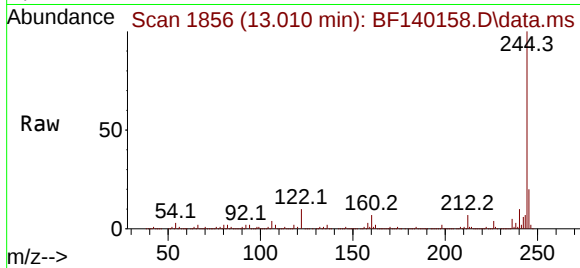




#79
 Terphenyl-d14
 Concen: 91.931 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140158.D
 Acq: 30 Oct 2024 15:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 924763
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2299
 Delta R.T. 0.088 min
 Lab File: BF140158.D
 Acq: 30 Oct 2024 15:34

Tgt Ion:264 Resp: 183585
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.6 17.4 26.0

