

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140180.D
Acq On : 31 Oct 2024 11:14
Operator : RC/JU
Sample : P4611-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Oct 31 12:10:36 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	93270	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	363703	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	209632	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	372322	20.000	ng	0.00
76) Chrysene-d12	14.080	240	200521	20.000	ng	0.03
86) Perylene-d12	15.615	264	168396	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	805597	135.215	ng	0.02
7) Phenol-d6	6.510	99	937080	121.440	ng	0.00
23) Nitrobenzene-d5	7.445	82	770716	117.447	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	347325	177.131	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1359676	107.194	ng	0.00
79) Terphenyl-d14	13.016	244	1447667	117.641	ng	0.02

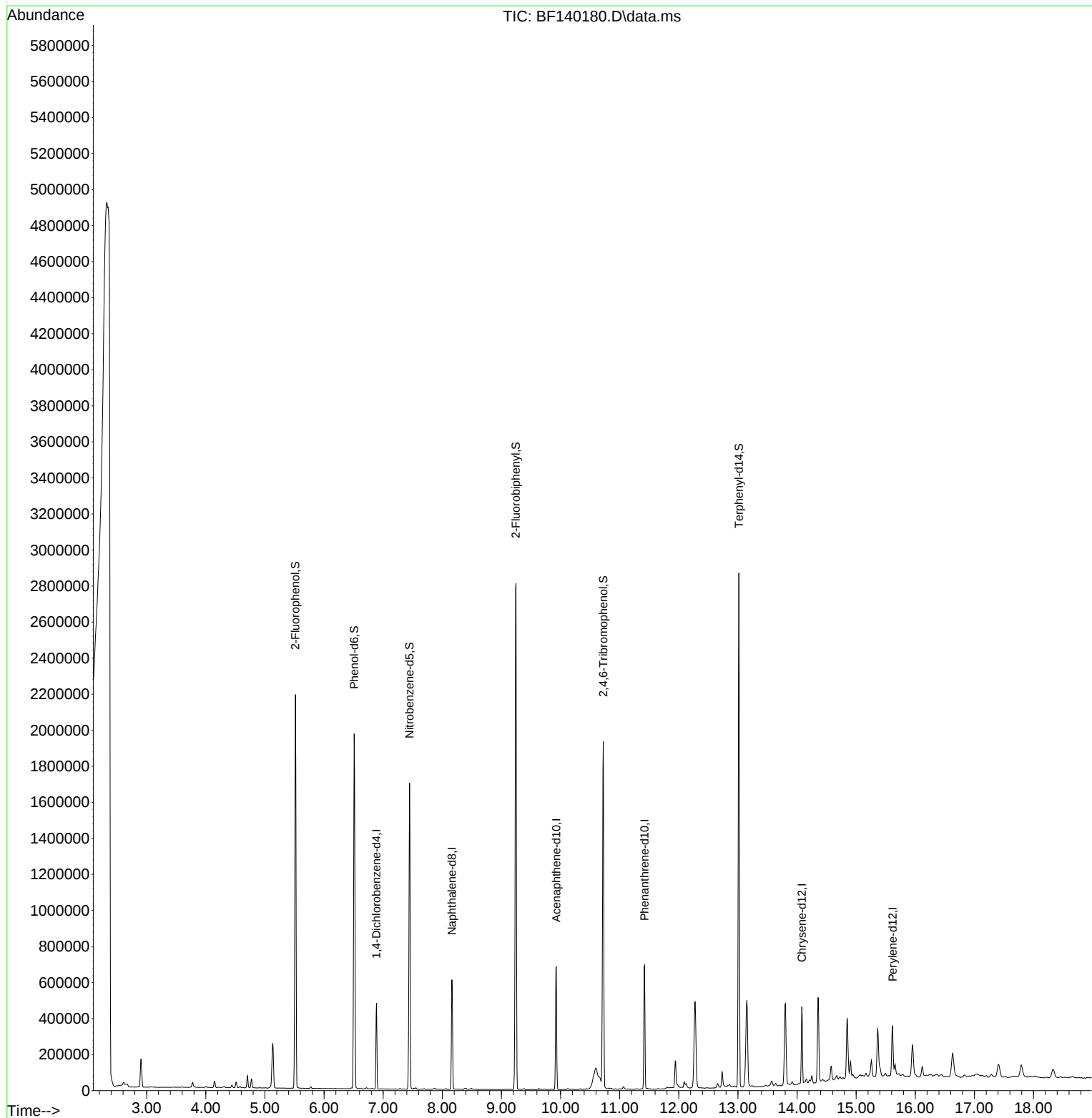
Target Compounds	Qvalue

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

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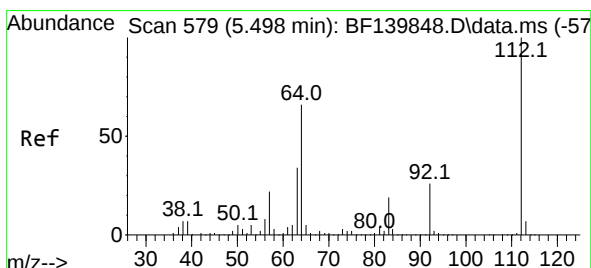
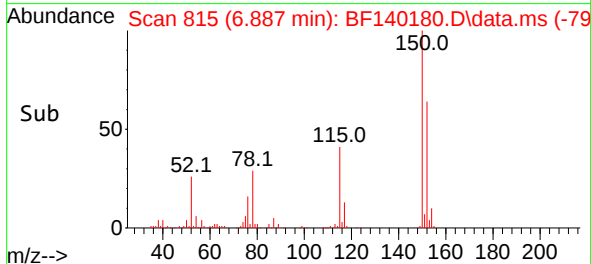
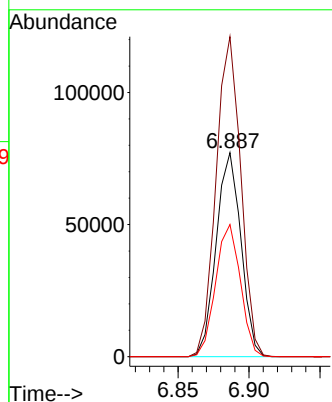
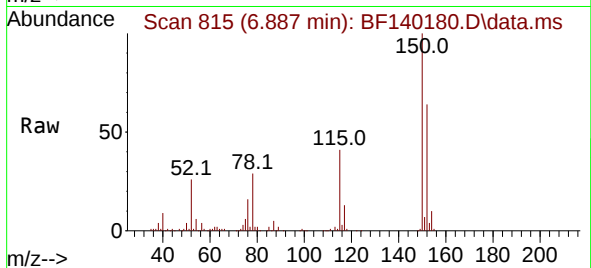




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

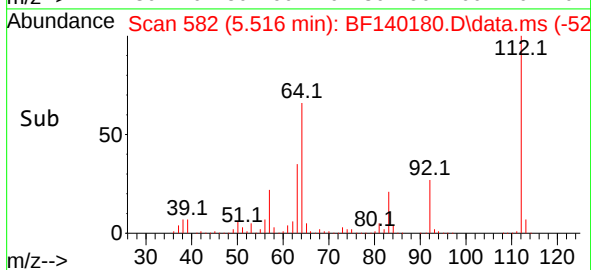
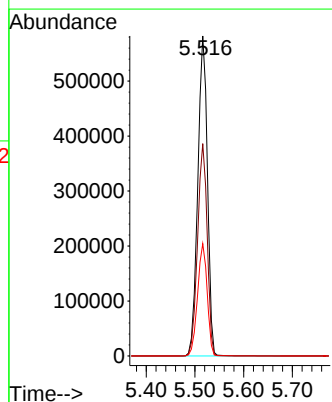
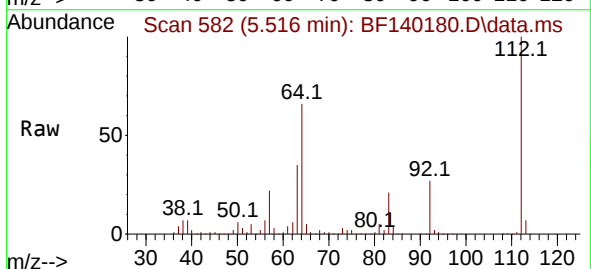
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 93270
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.2
115 64.8 51.4 77.2



#5
2-Fluorophenol
Concen: 135.215 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion:112 Resp: 805597
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 35.1 27.0 40.4

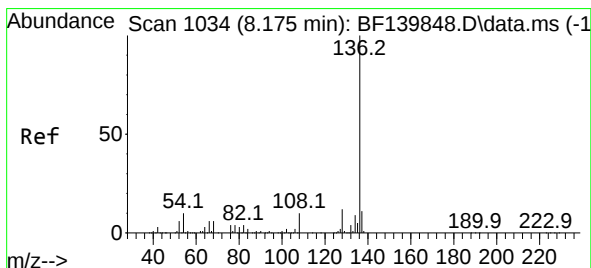
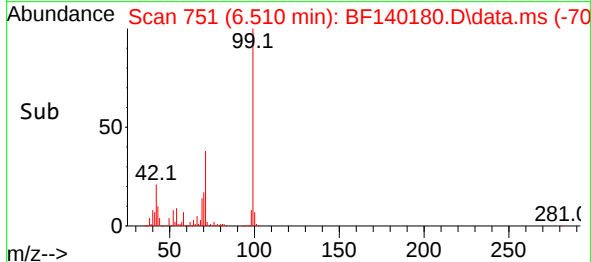
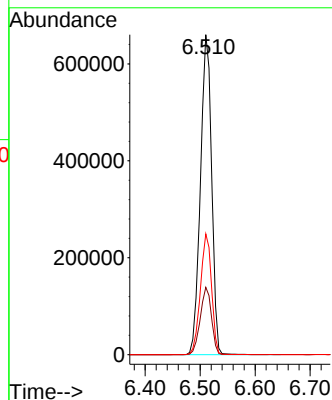
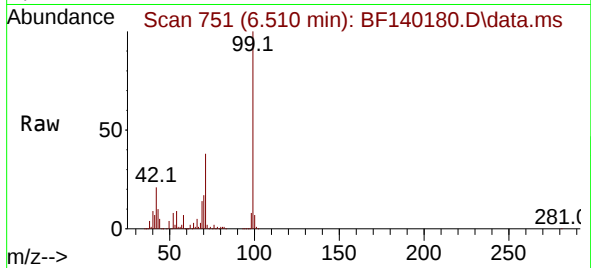




#7
Phenol-d6
Concen: 121.440 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140180.D
Acq: 31 Oct 2024 11:14

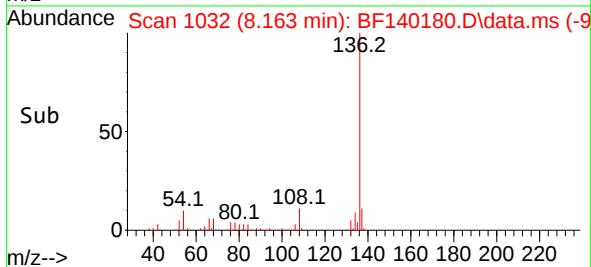
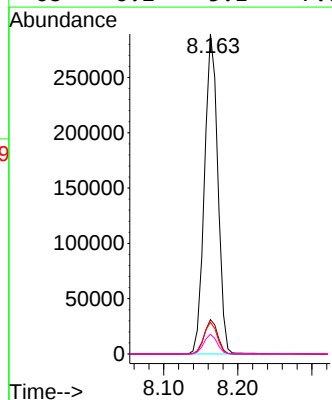
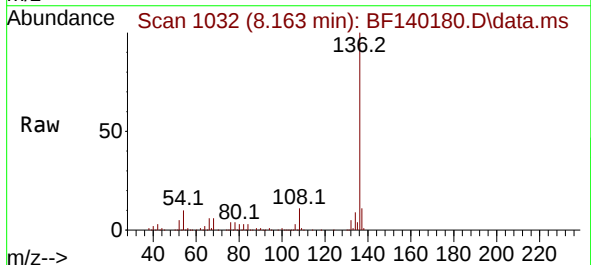
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 937080
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 37.8 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: BF140180.D
Acq: 31 Oct 2024 11:14

Tgt Ion:136 Resp: 363703
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 117.447 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

TP-6

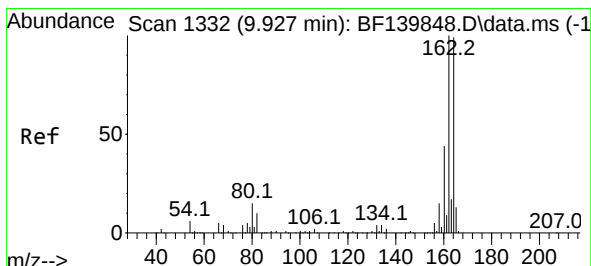
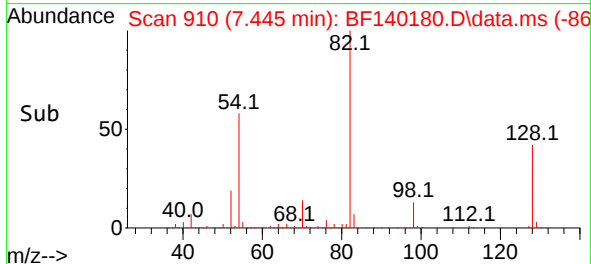
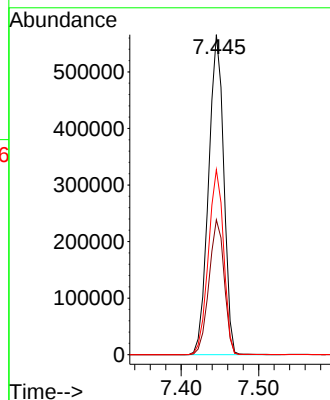
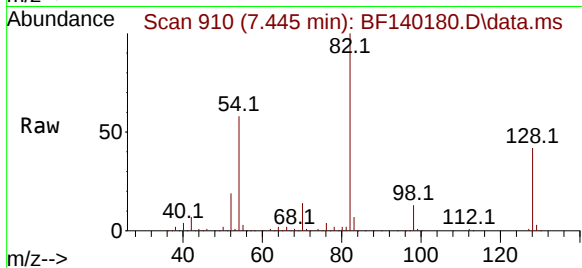
Tgt Ion: 82 Resp: 770716

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.0

54 57.8 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

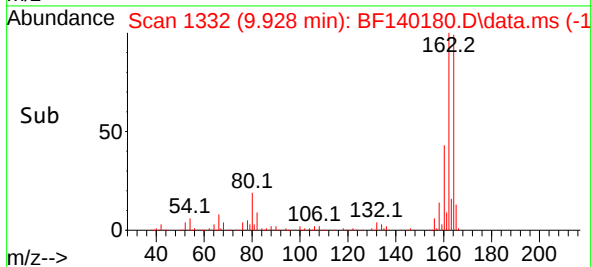
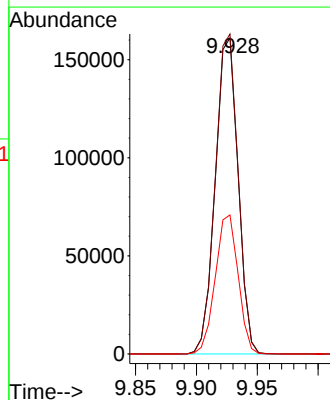
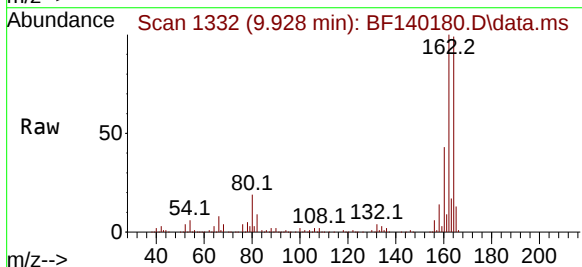
Tgt Ion:164 Resp: 209632

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 177.131 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

TP-6

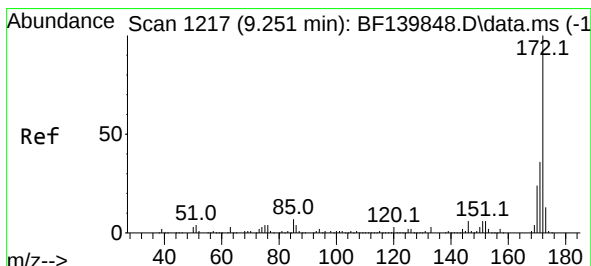
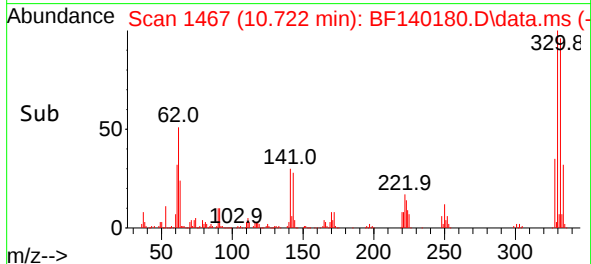
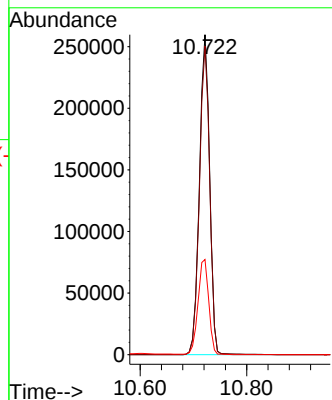
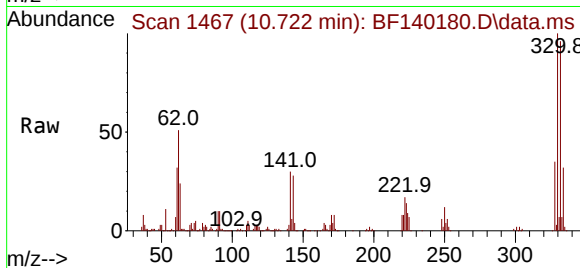
Tgt Ion:330 Resp: 347325

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 31.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 107.194 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

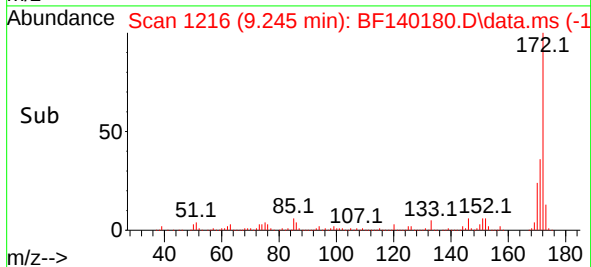
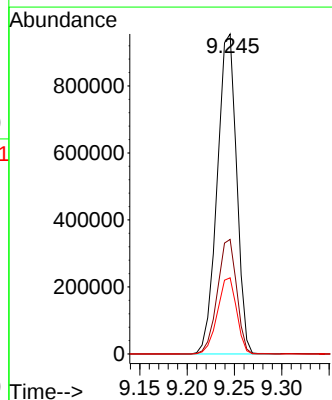
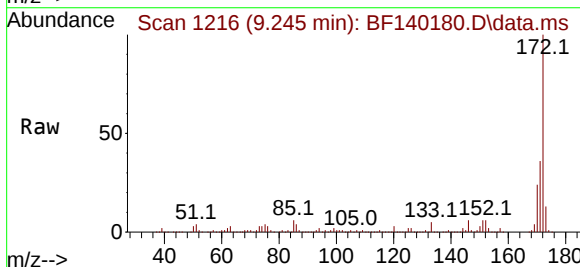
Tgt Ion:172 Resp: 1359676

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140180.D

Acq: 31 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

TP-6

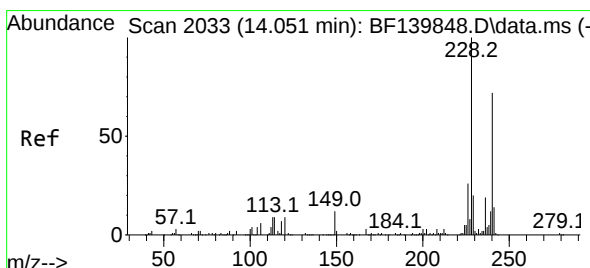
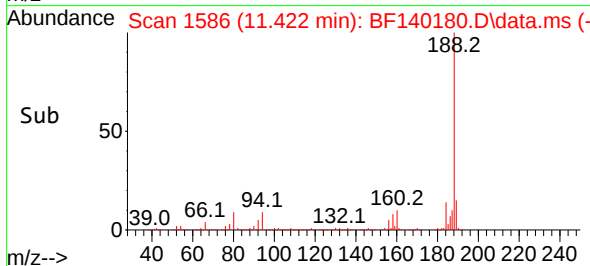
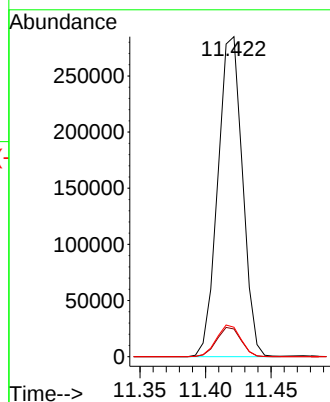
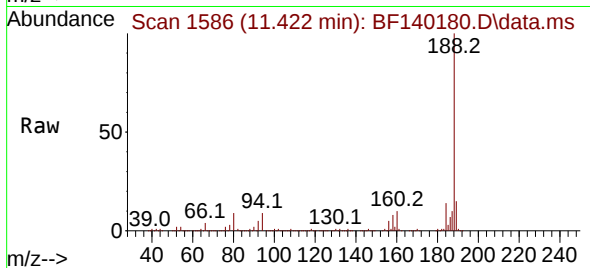
Tgt Ion:188 Resp: 372322

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.2 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: BF140180.D

Acq: 31 Oct 2024 11:14

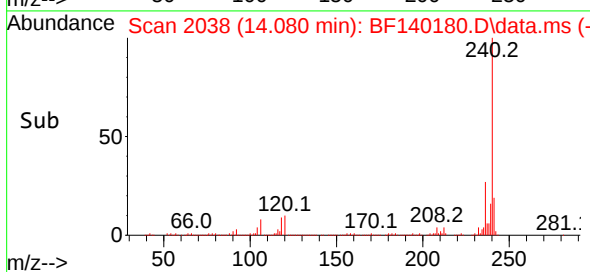
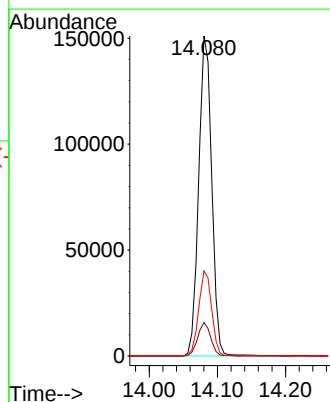
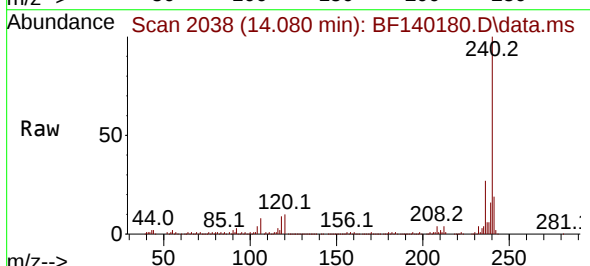
Tgt Ion:240 Resp: 200521

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.6 20.9 31.3

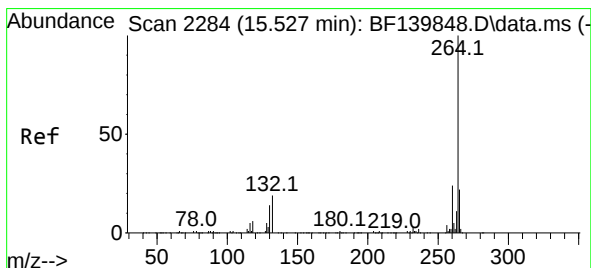
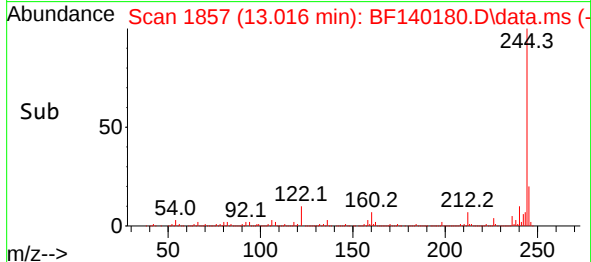
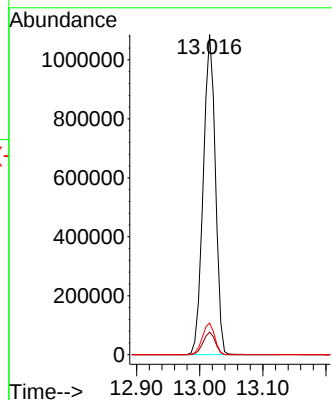
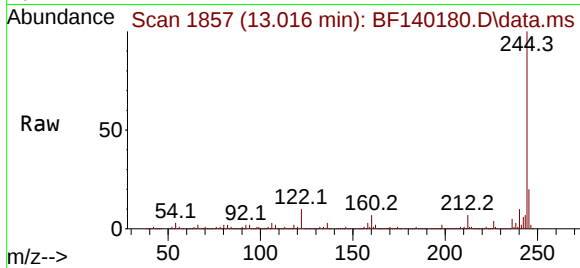




#79
 Terphenyl-d14
 Concen: 117.641 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140180.D
 Acq: 31 Oct 2024 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1447667
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF140180.D
 Acq: 31 Oct 2024 11:14

Tgt Ion:264 Resp: 168396
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.6 17.4 26.0

