

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140045.D
 Acq On : 25 Oct 2024 18:50
 Operator : RC/JU
 Sample : P4487-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

Quant Time: Oct 25 22:43:05 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	102569	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	396397	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204955	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301912	20.000	ng	0.00
76) Chrysene-d12	14.051	240	206250	20.000	ng	0.00
86) Perylene-d12	15.527	264	165894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	598124	91.290	ng	0.00
7) Phenol-d6	6.504	99	776159	91.466	ng	0.00
23) Nitrobenzene-d5	7.445	82	509396	71.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	186074	97.061	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	897015	72.333	ng	0.00
79) Terphenyl-d14	12.998	244	694147	54.841	ng	0.00

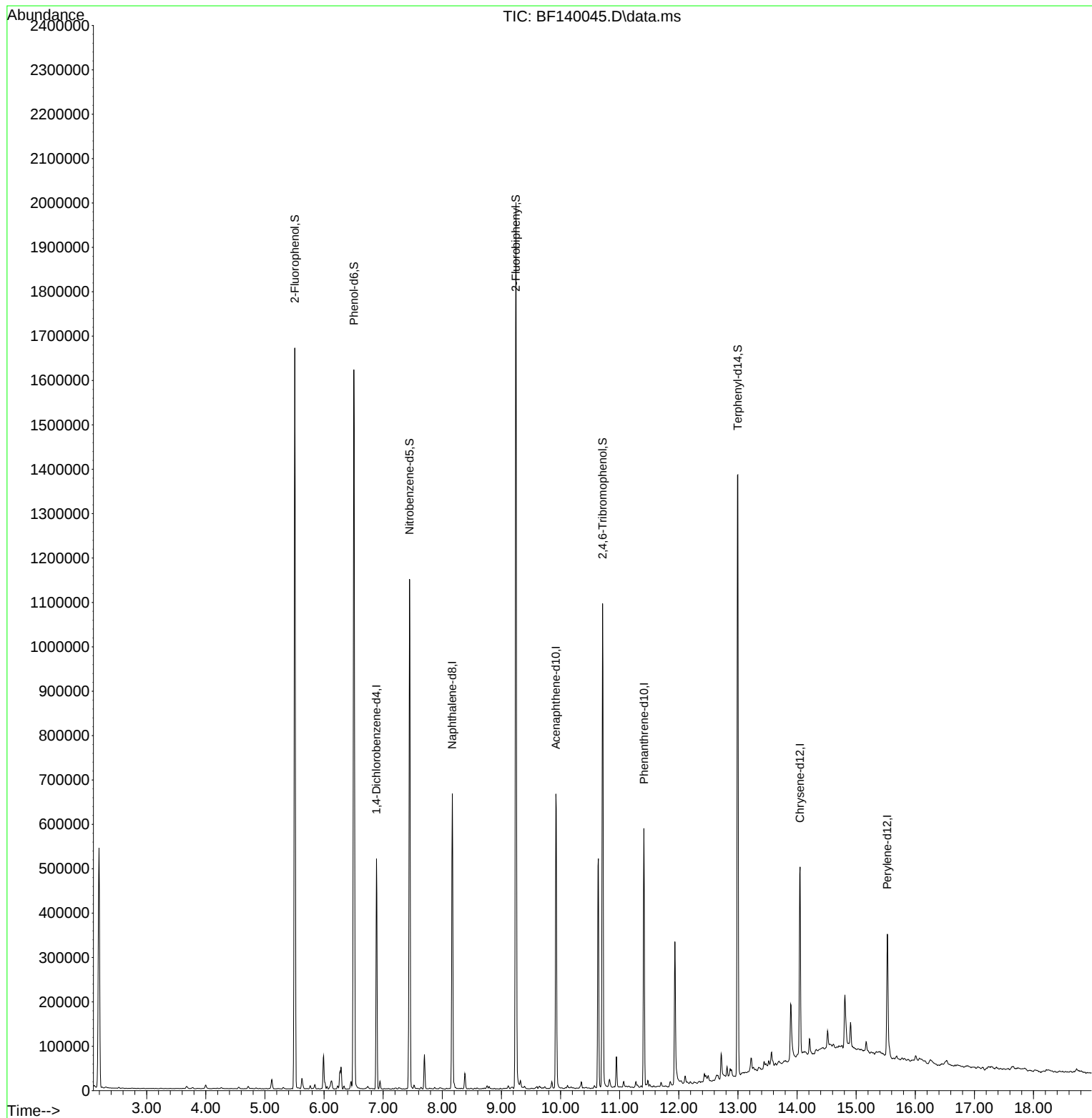
Target Compounds	Qvalue

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

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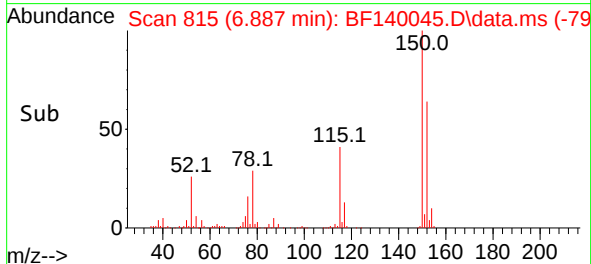
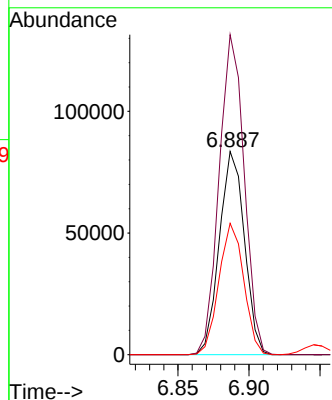
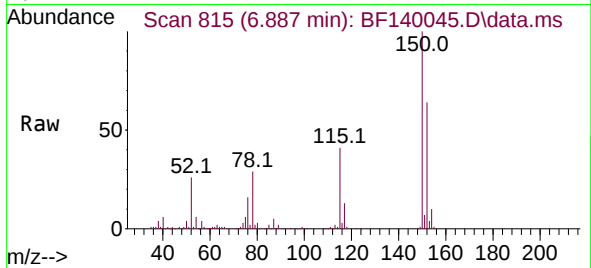




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

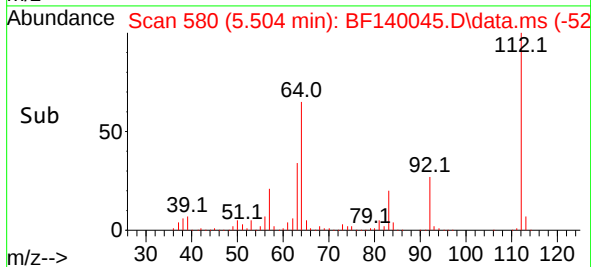
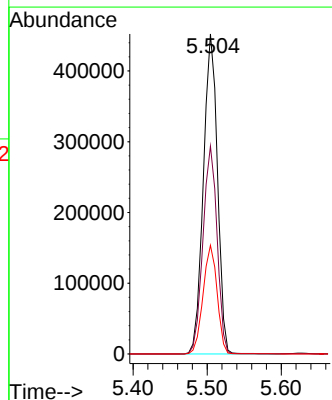
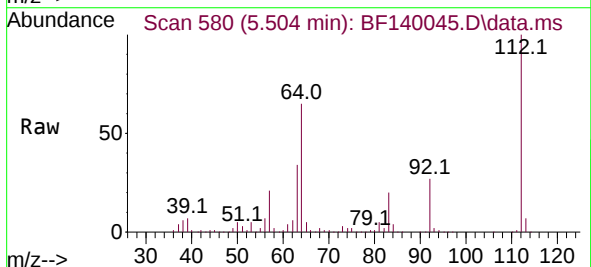
Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:152 Resp: 102569
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 91.290 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:112 Resp: 598124
Ion Ratio Lower Upper
112 100
64 65.0 53.0 79.6
63 34.0 27.0 40.4

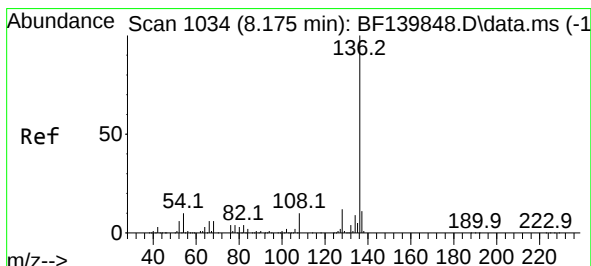
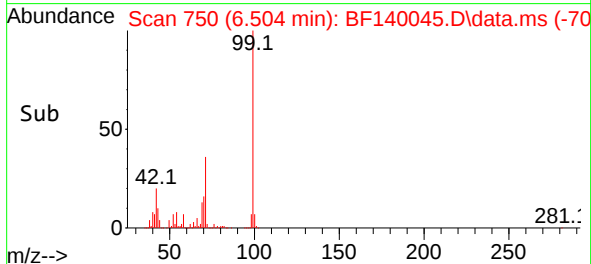
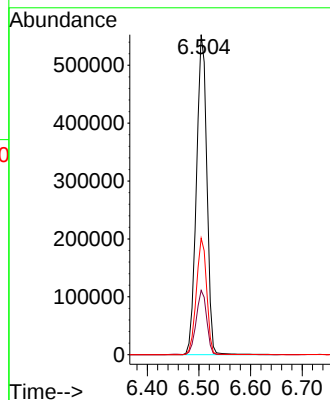
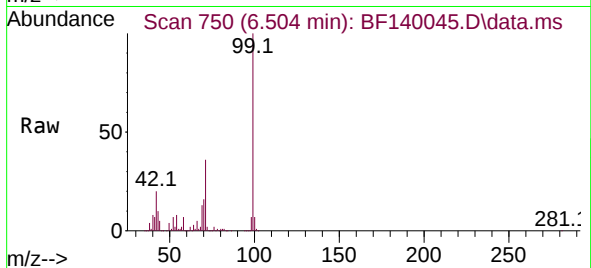




#7
Phenol-d6
Concen: 91.466 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

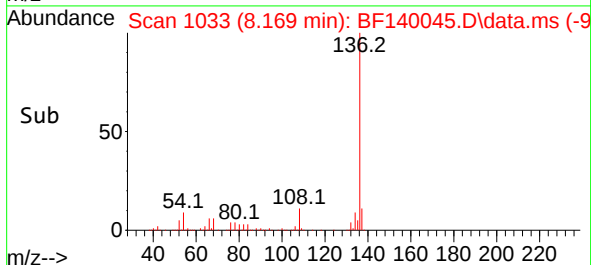
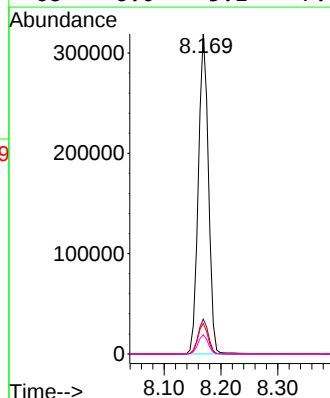
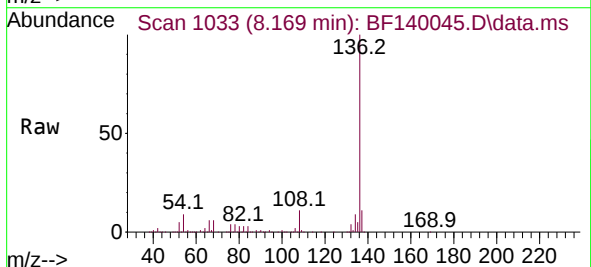
Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion: 99 Resp: 776159
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 36.4 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: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion: 136 Resp: 396397
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 71.223 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140045.D

Acq: 25 Oct 2024 18:50

Instrument :

BNA_F

ClientSampleId :

BP-B5

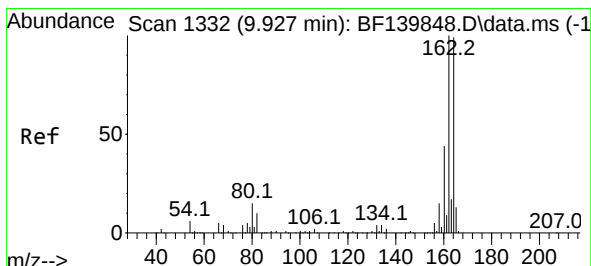
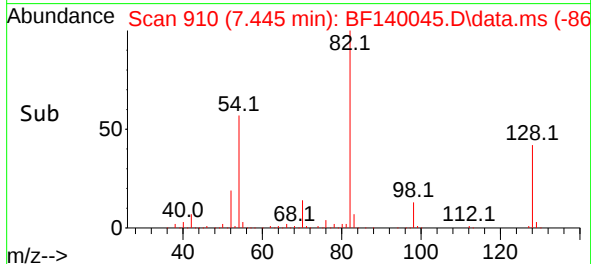
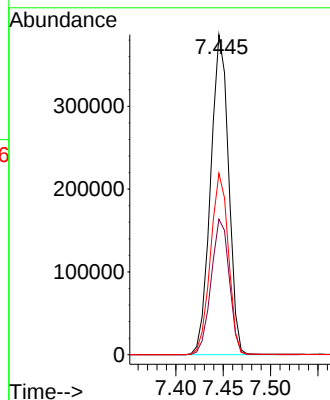
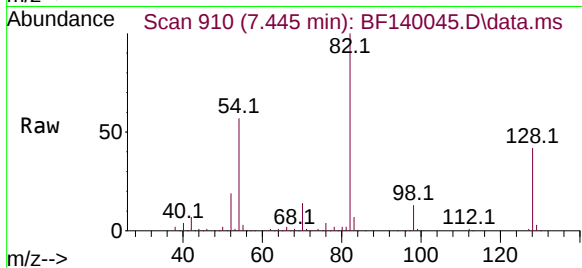
Tgt Ion: 82 Resp: 509396

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

54 56.7 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: BF140045.D

Acq: 25 Oct 2024 18:50

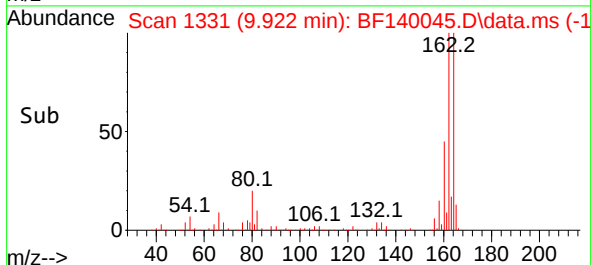
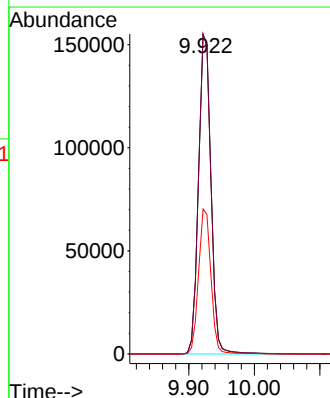
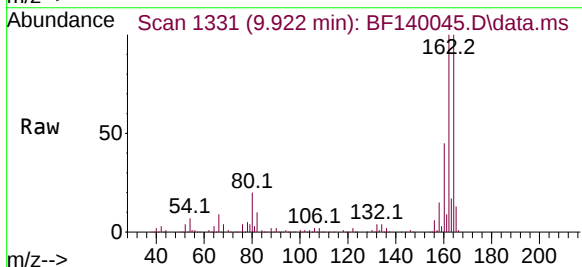
Tgt Ion:164 Resp: 204955

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 45.4 35.4 53.0

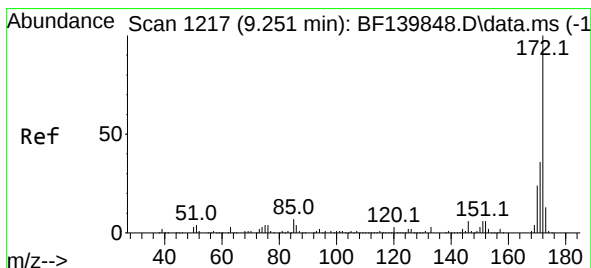
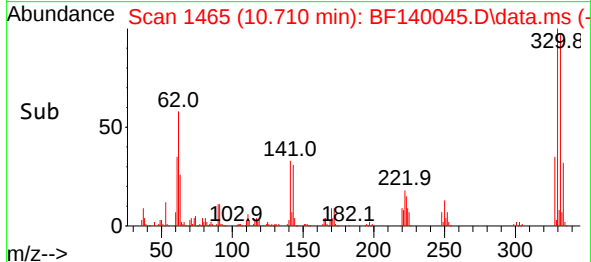
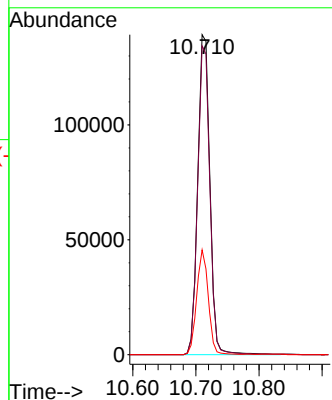
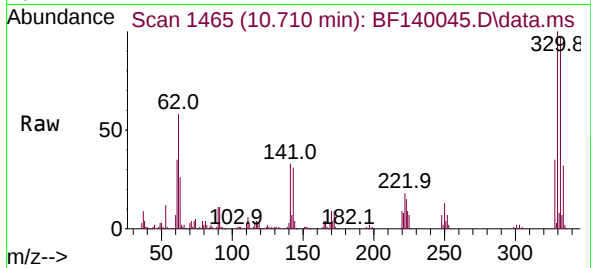




#42
2,4,6-Tribromophenol
Concen: 97.061 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

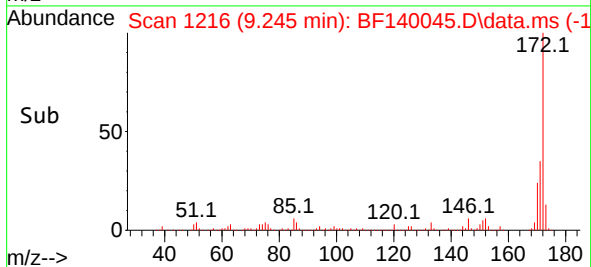
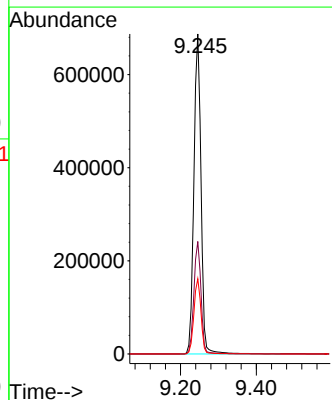
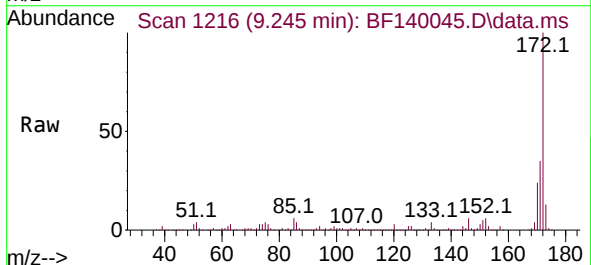
Instrument :
BNA_F
ClientSampleId :
BP-B5

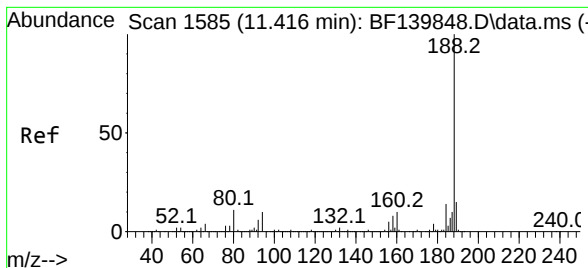
Tgt Ion: 330 Resp: 186074
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 31.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 72.333 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion: 172 Resp: 897015
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 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: BF140045.D

Acq: 25 Oct 2024 18:50

Instrument :

BNA_F

ClientSampleId :

BP-B5

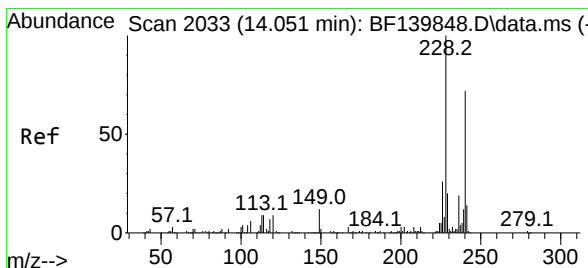
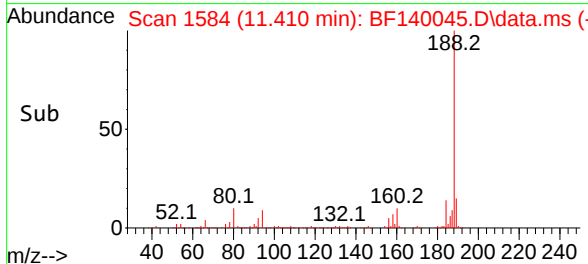
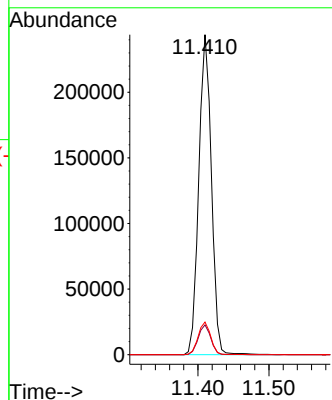
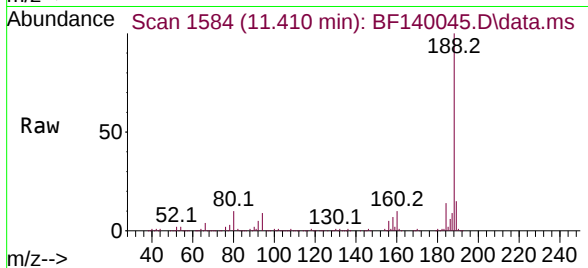
Tgt Ion:188 Resp: 301912

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.2 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: BF140045.D

Acq: 25 Oct 2024 18:50

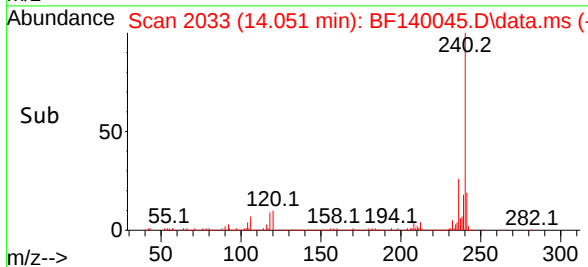
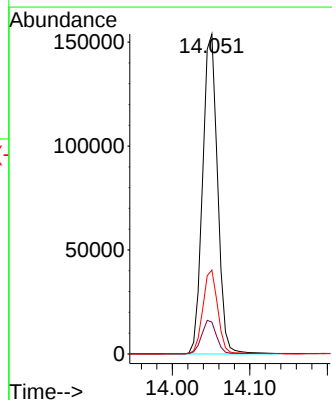
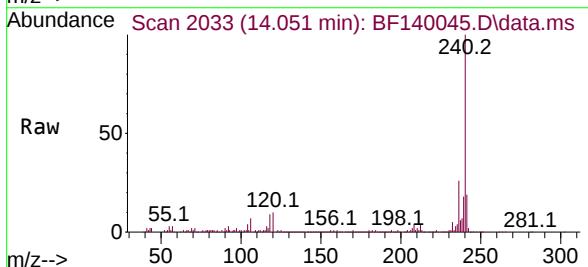
Tgt Ion:240 Resp: 206250

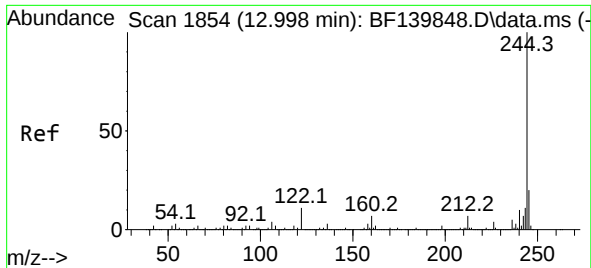
Ion Ratio Lower Upper

240 100

120 9.9 9.4 14.2

236 26.2 20.9 31.3

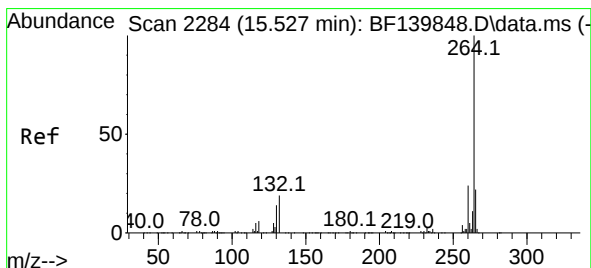
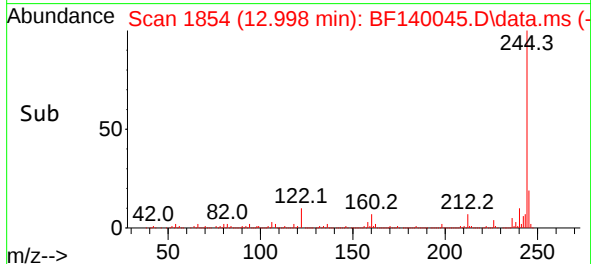
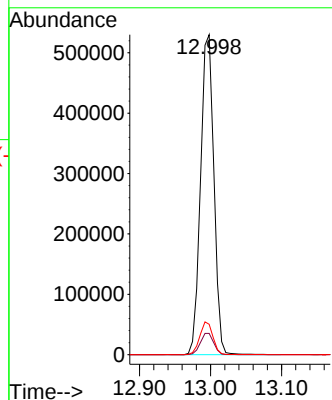
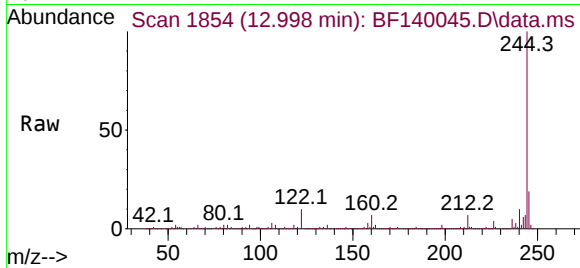




#79
 Terphenyl-d14
 Concen: 54.841 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140045.D
 Acq: 25 Oct 2024 18:50

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

Tgt Ion:244 Resp: 694147
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.5 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: BF140045.D
 Acq: 25 Oct 2024 18:50

Tgt Ion:264 Resp: 165894
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.8 17.4 26.0

