

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141580.D
 Acq On : 12 Feb 2025 10:51
 Operator : RC/JU
 Sample : PB166679BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166679BL

Quant Time: Feb 12 11:17:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91067	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368322	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203905	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	367475	20.000	ng	0.00
76) Chrysene-d12	13.951	240	275182	20.000	ng	-0.01
86) Perylene-d12	15.404	264	210140	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	773794	133.211	ng	0.00
7) Phenol-d6	6.428	99	957788	130.456	ng	-0.01
23) Nitrobenzene-d5	7.351	82	637413	90.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	280993	137.182	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1220587	92.224	ng	0.00
79) Terphenyl-d14	12.898	244	1521097	93.315	ng	0.00

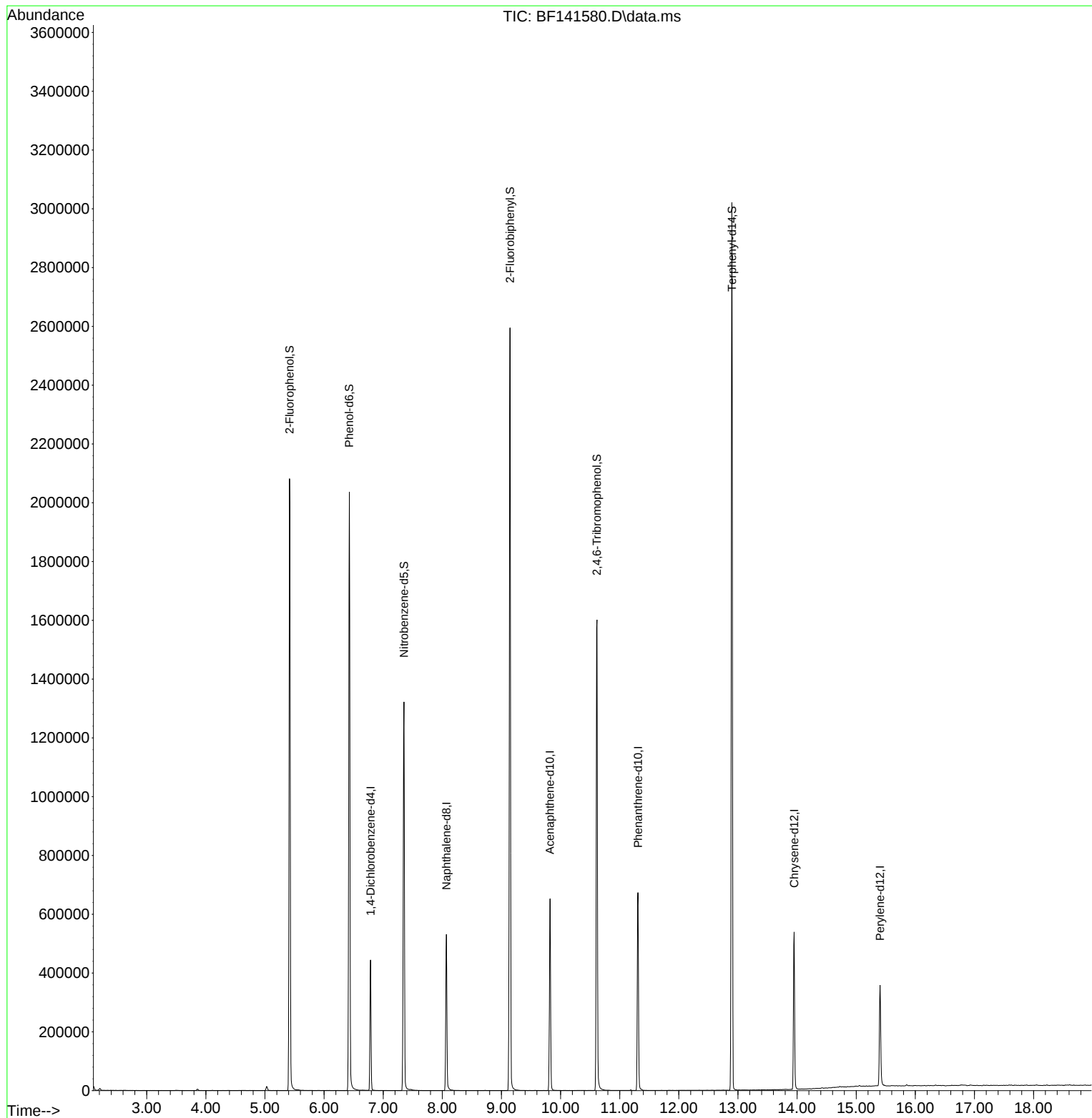
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141580.D
Acq On : 12 Feb 2025 10:51
Operator : RC/JU
Sample : PB166679BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166679BL

Quant Time: Feb 12 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

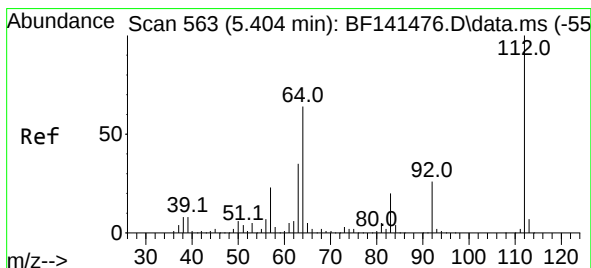
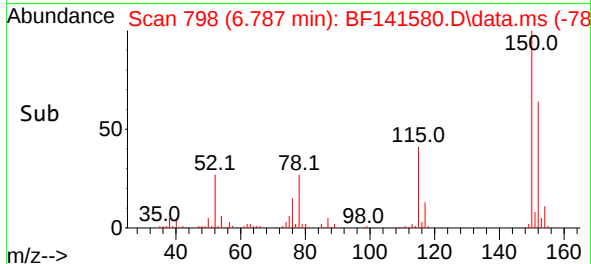
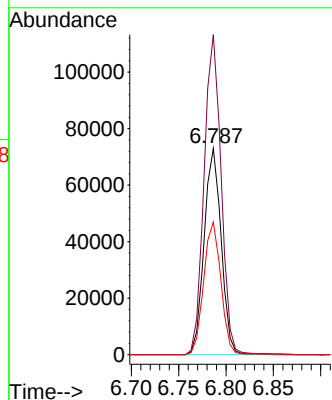
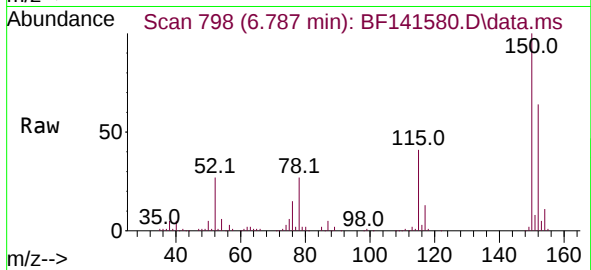




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

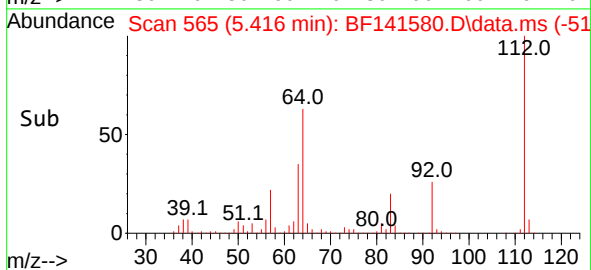
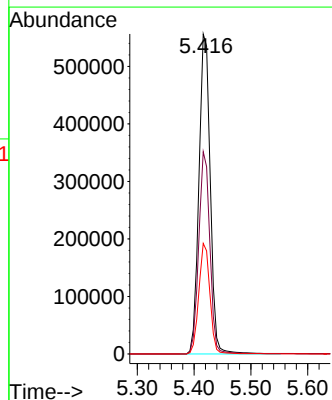
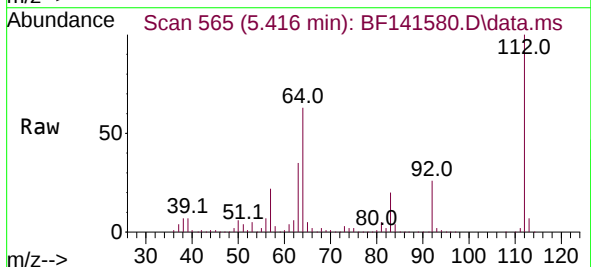
Instrument :
BNA_F
ClientSampleId :
PB166679BL

Tgt Ion:152 Resp: 91067
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 133.211 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion:112 Resp: 773794
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.6 28.4 42.6

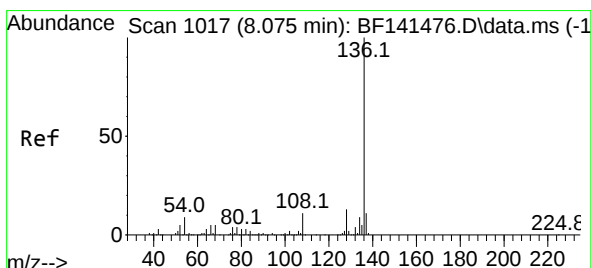
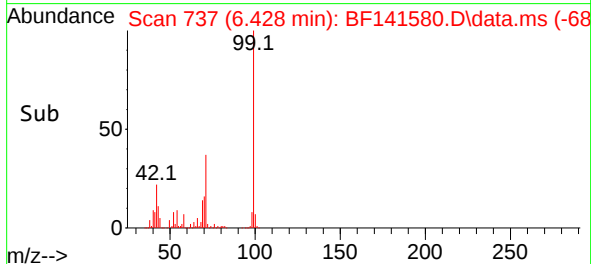
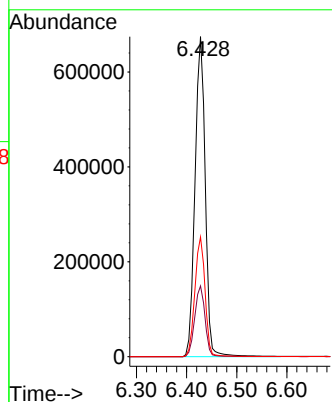
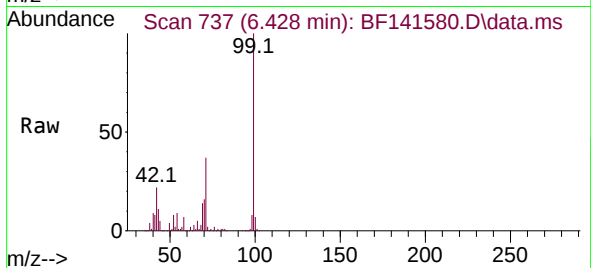




#7
Phenol-d6
Concen: 130.456 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

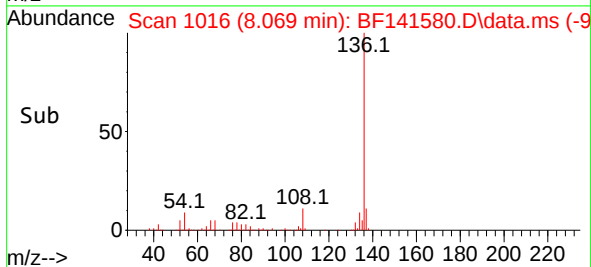
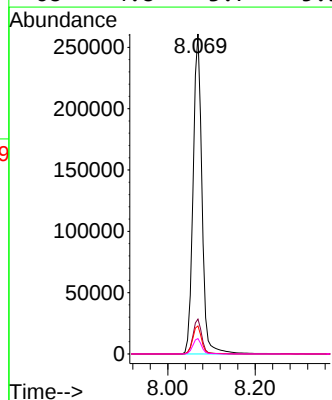
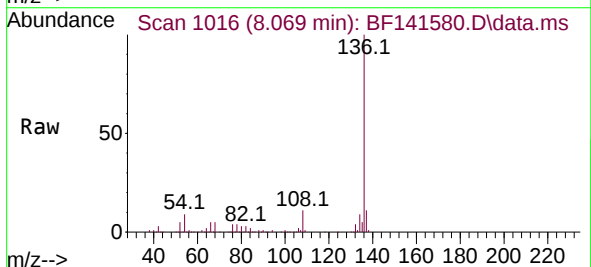
Instrument :
BNA_F
ClientSampleId :
PB166679BL

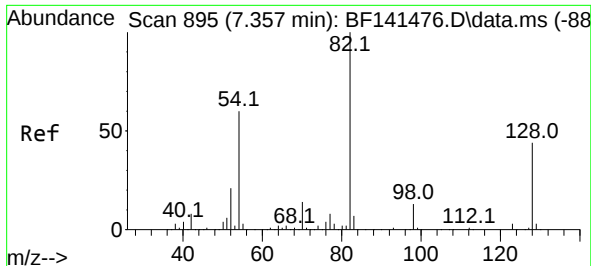
Tgt Ion: 99 Resp: 957788
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion: 136 Resp: 368322
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.264 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141580.D

Acq: 12 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166679BL

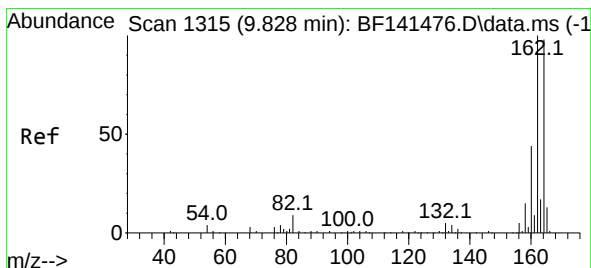
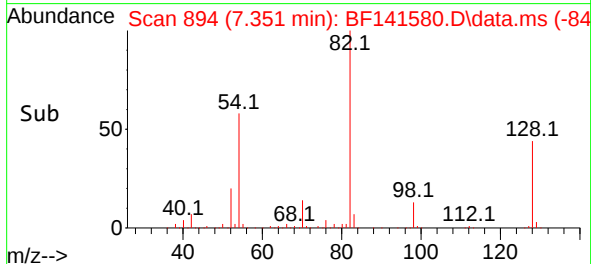
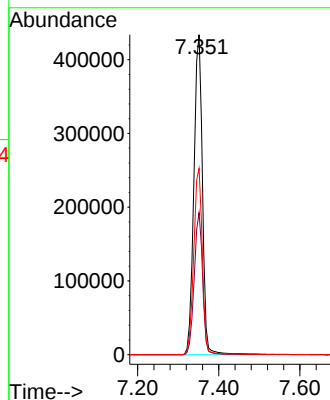
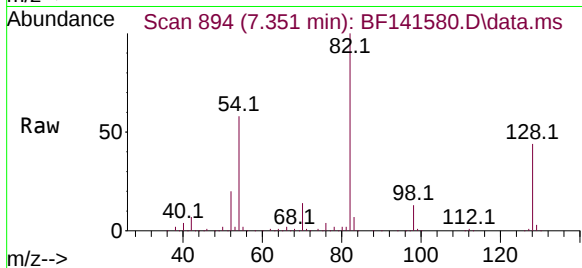
Tgt Ion: 82 Resp: 637413

Ion Ratio Lower Upper

82 100

128 44.4 34.8 52.2

54 58.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141580.D

Acq: 12 Feb 2025 10:51

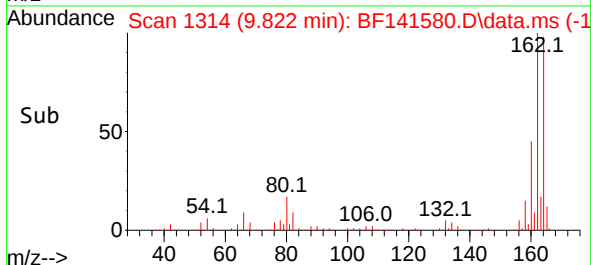
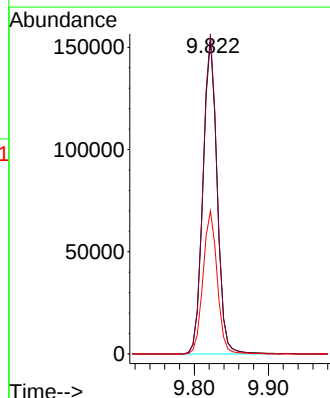
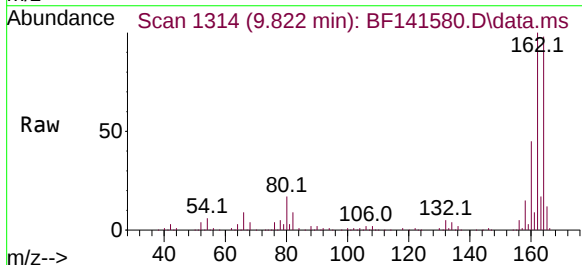
Tgt Ion:164 Resp: 203905

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

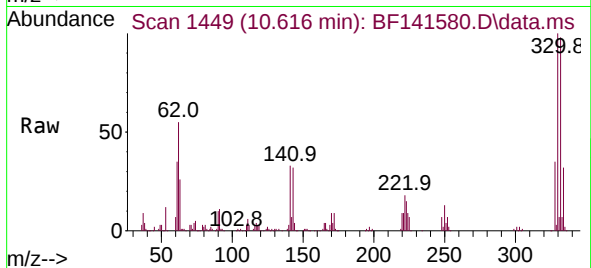
160 45.5 35.9 53.9



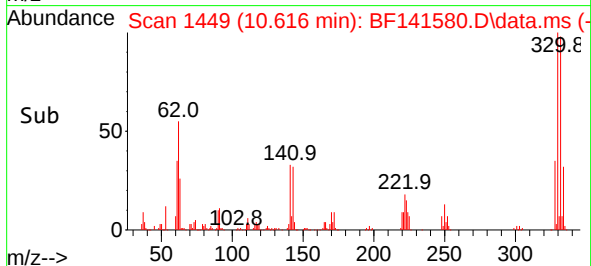
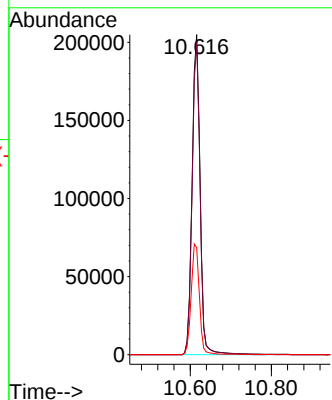


#42
2,4,6-Tribromophenol
Concen: 137.182 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166679BL

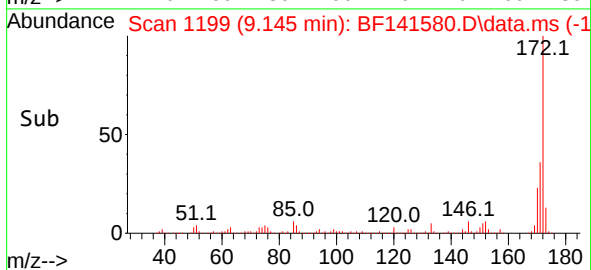
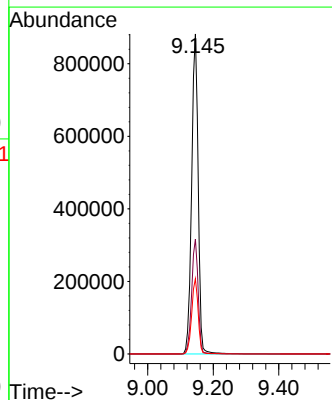
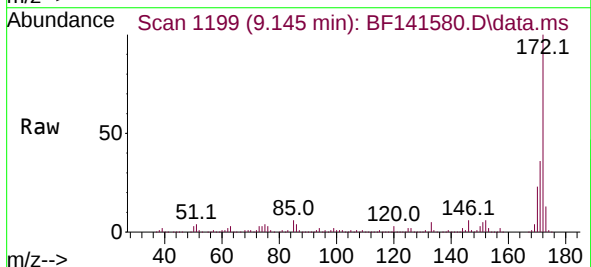


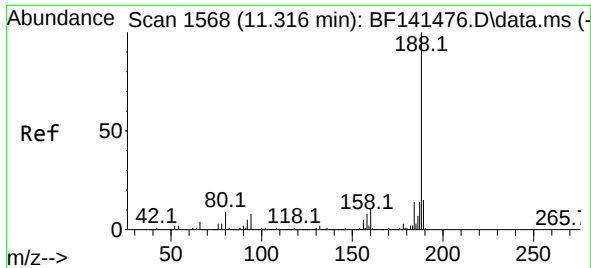
Tgt Ion:330 Resp: 280993
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 35.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 92.224 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion:172 Resp: 1220587
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 18.9 28.3

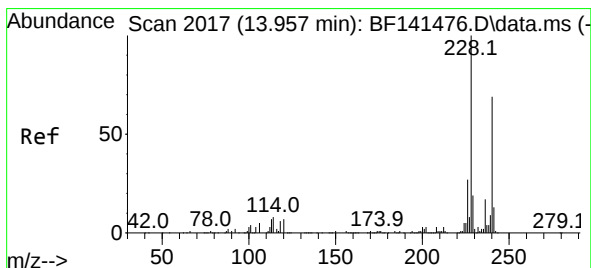
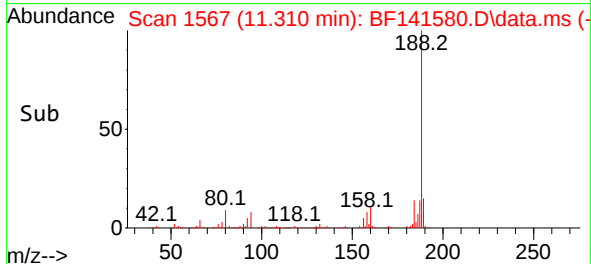
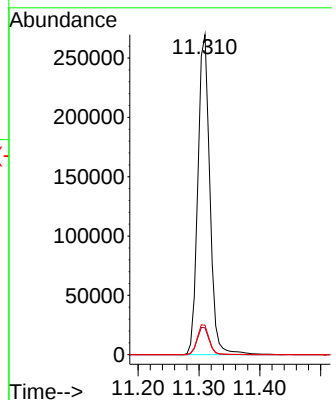
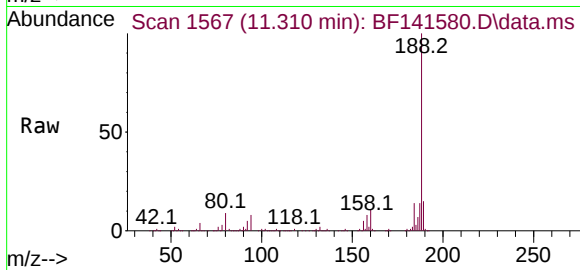




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

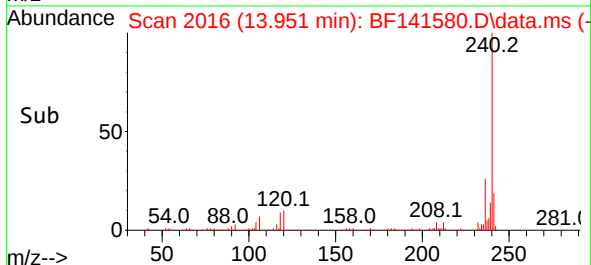
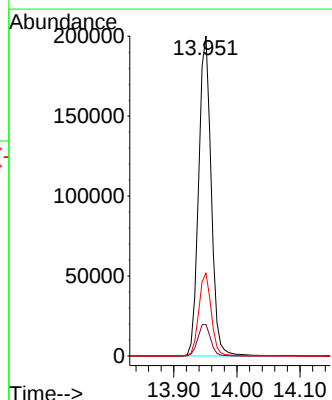
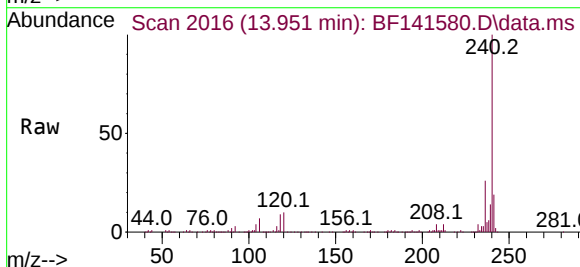
Instrument :
BNA_F
ClientSampleId :
PB166679BL

Tgt Ion:188 Resp: 367475
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion:240 Resp: 275182
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.9 19.8 29.8

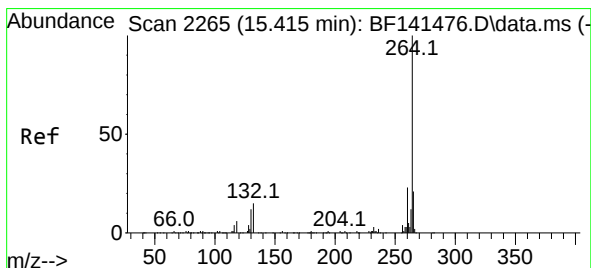
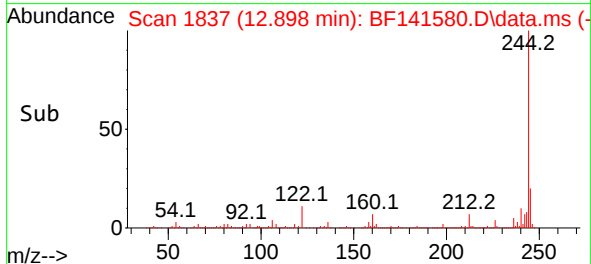
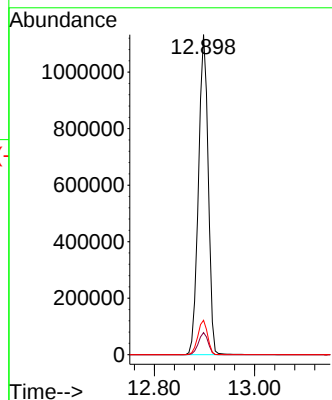
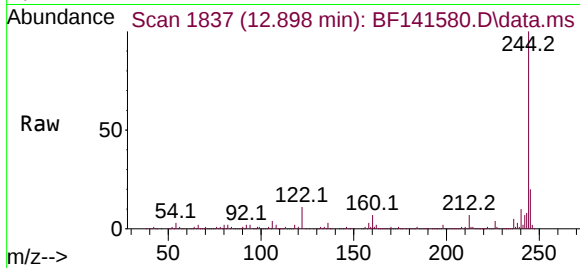




#79
 Terphenyl-d14
 Concen: 93.315 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141580.D
 Acq: 12 Feb 2025 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166679BL

Tgt Ion:244 Resp: 1521097
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141580.D
 Acq: 12 Feb 2025 10:51

Tgt Ion:264 Resp: 210140
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.0 25.4

