

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139145.D
Acq On : 23 Aug 2024 14:13
Operator : RC/JU
Sample : P3685-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Stock Pile-1

Quant Time: Aug 23 14:49:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85731	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	319127	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	185999	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	305494	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161232	20.000	ng	0.00
86) Perylene-d12	15.533	264	172575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	695464	124.807	ng	0.02
7) Phenol-d6	6.522	99	804892	111.788	ng	0.00
23) Nitrobenzene-d5	7.457	82	715488	130.642	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	285380	169.483	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1200485	102.404	ng	0.00
79) Terphenyl-d14	13.010	244	1137601	117.074	ng	0.00

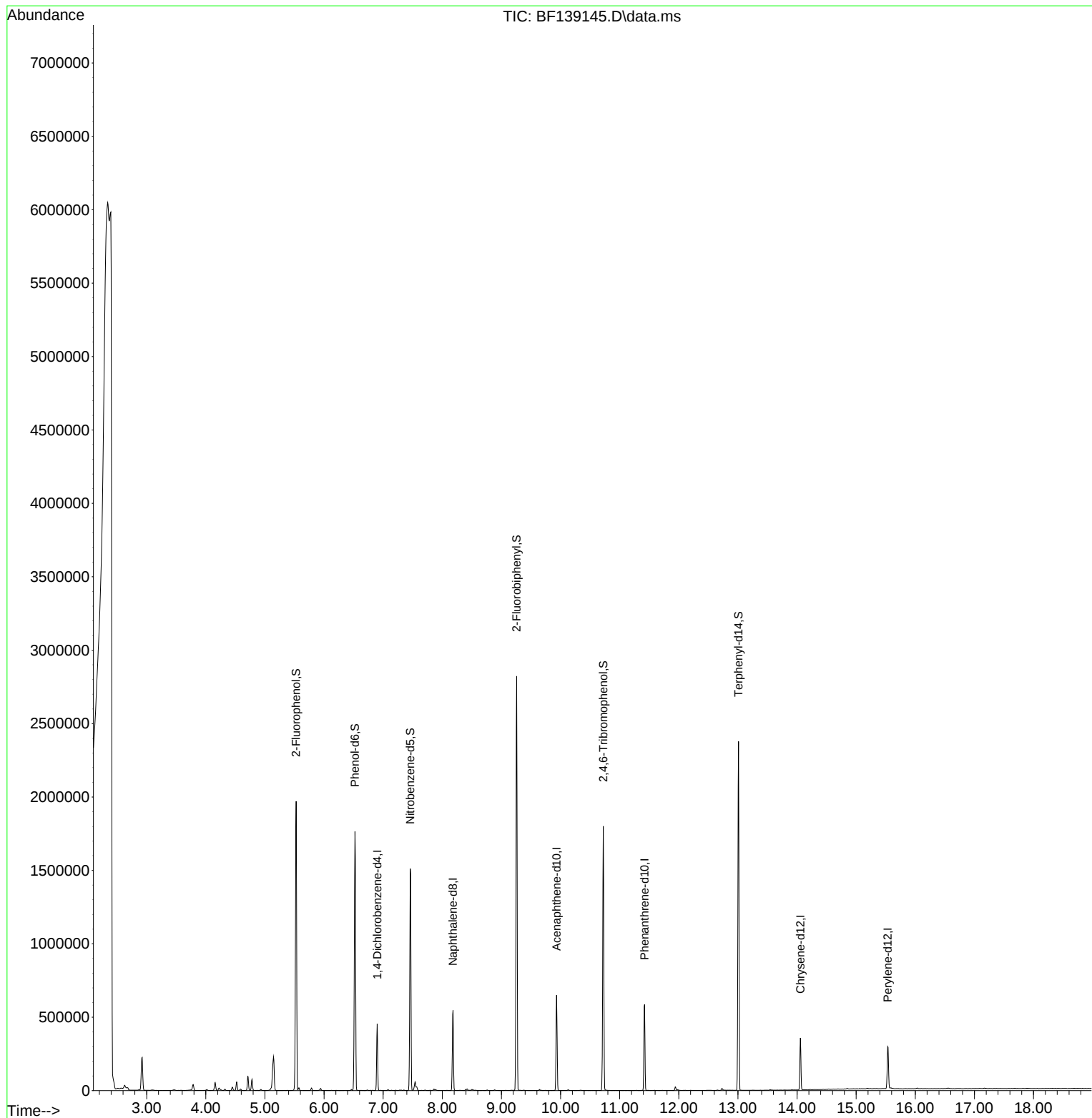
Target Compounds	Qvalue

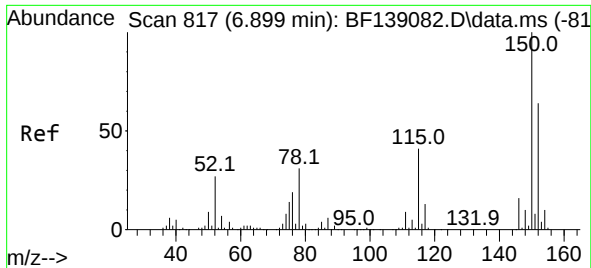
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139145.D
Acq On : 23 Aug 2024 14:13
Operator : RC/JU
Sample : P3685-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Stock Pile-1

Quant Time: Aug 23 14:49:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

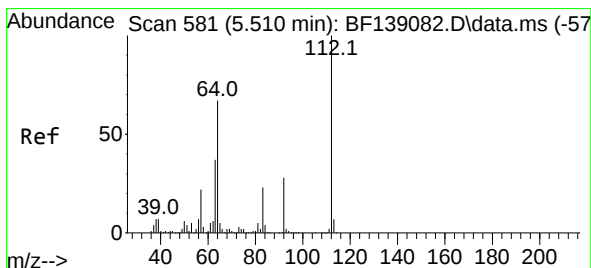
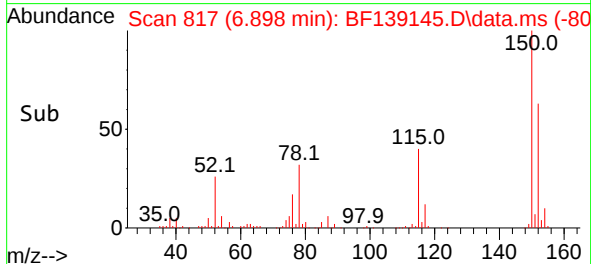
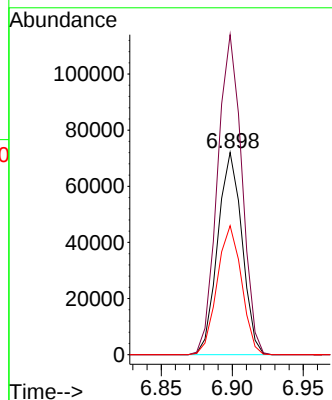
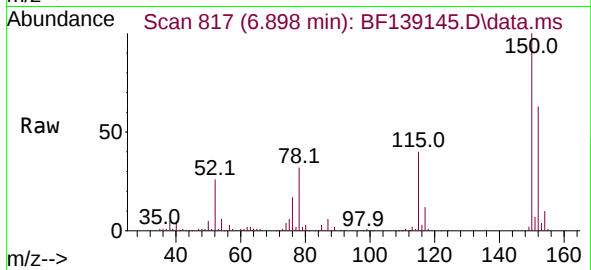




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13

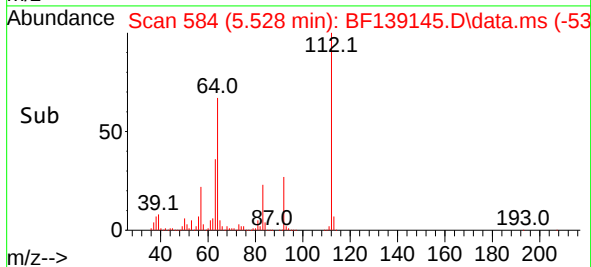
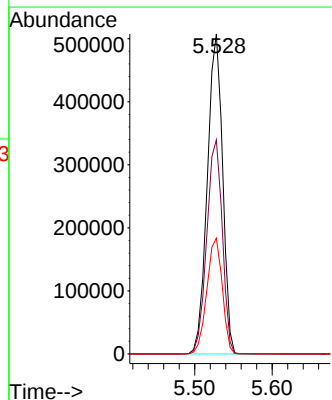
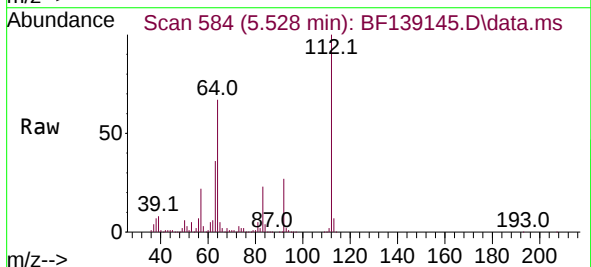
Instrument :
BNA_F
ClientSampleId :
Stock Pile-1

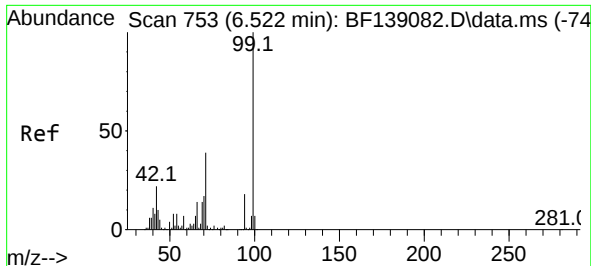
Tgt Ion:152 Resp: 85731
Ion Ratio Lower Upper
152 100
150 158.2 125.1 187.7
115 63.7 51.8 77.6



#5
2-Fluorophenol
Concen: 124.807 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13

Tgt Ion:112 Resp: 695464
Ion Ratio Lower Upper
112 100
64 66.9 53.8 80.6
63 36.2 29.4 44.2

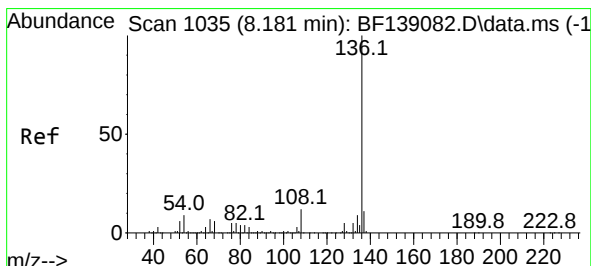
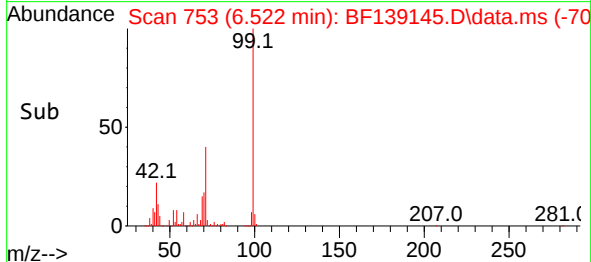
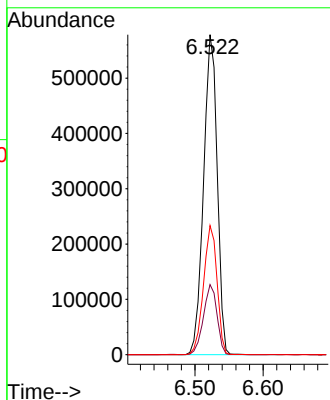
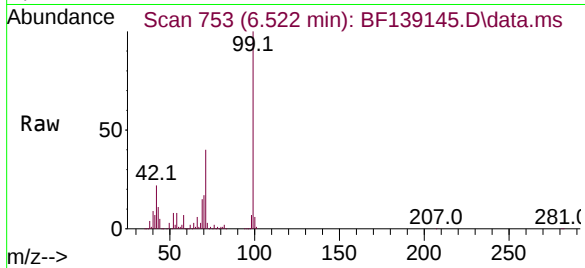




#7
Phenol-d6
Concen: 111.788 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13

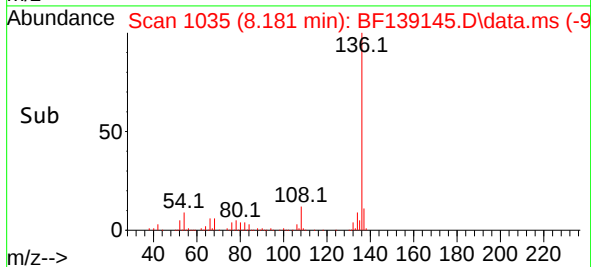
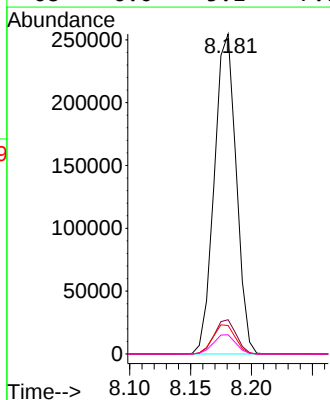
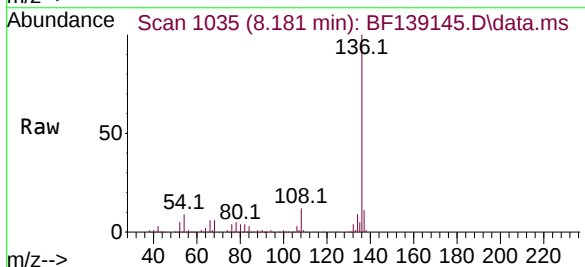
Instrument :
BNA_F
ClientSampleId :
Stock Pile-1

Tgt Ion: 99 Resp: 804892
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.2
71 40.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13

Tgt Ion:136 Resp: 319127
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.9 7.6 11.4
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 130.642 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139145.D

Acq: 23 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

Stock Pile-1

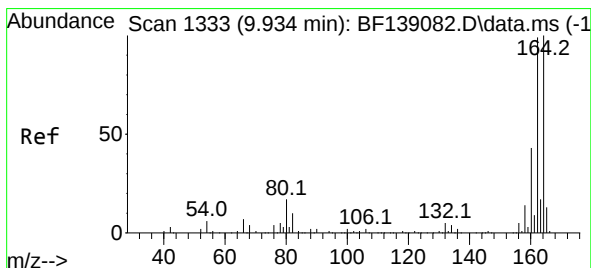
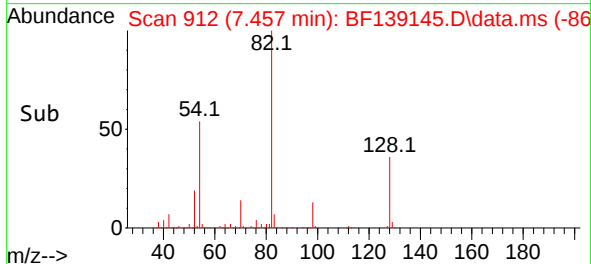
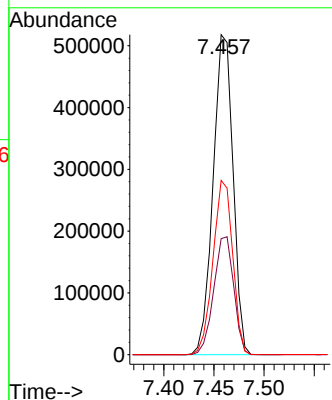
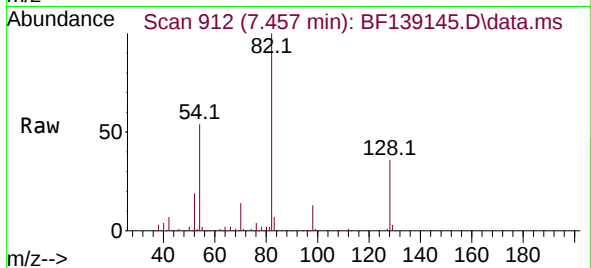
Tgt Ion: 82 Resp: 715488

Ion Ratio Lower Upper

82 100

128 36.3 29.0 43.4

54 54.5 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139145.D

Acq: 23 Aug 2024 14:13

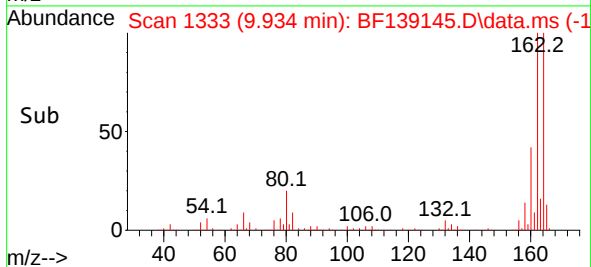
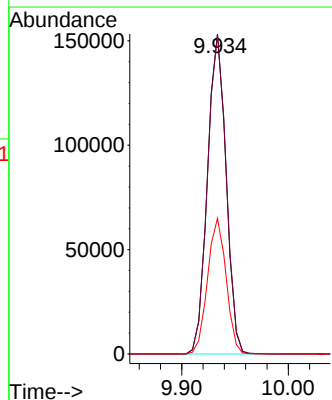
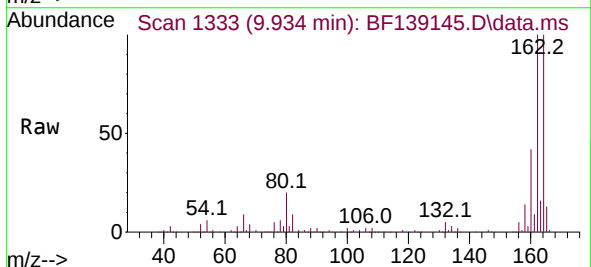
Tgt Ion:164 Resp: 185999

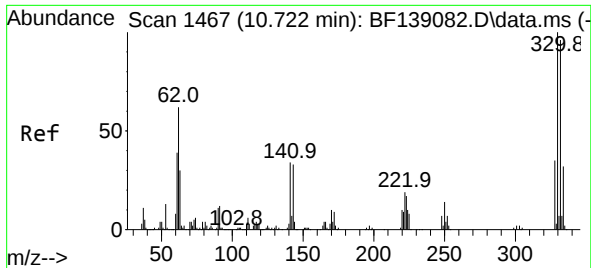
Ion Ratio Lower Upper

164 100

162 100.0 79.5 119.3

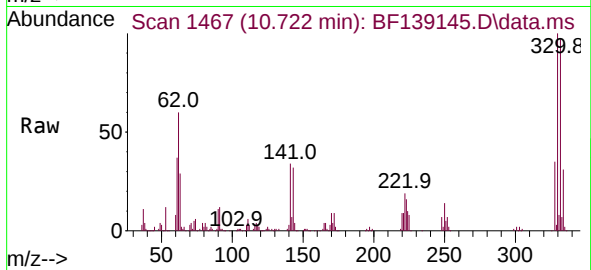
160 42.4 34.5 51.7



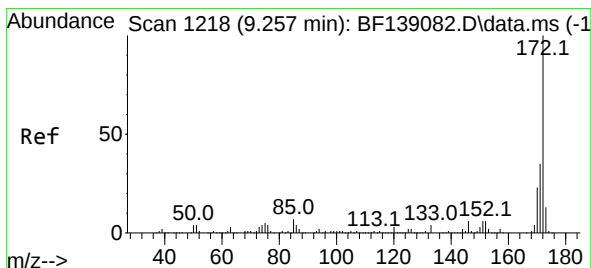
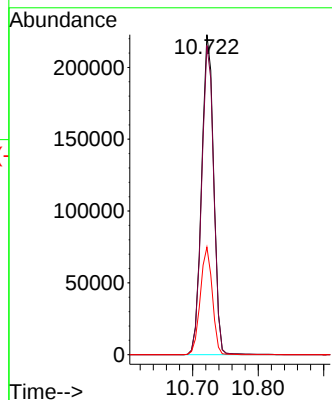
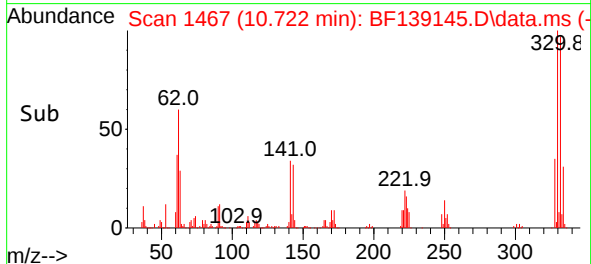


#42
2,4,6-Tribromophenol
Concen: 169.483 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13

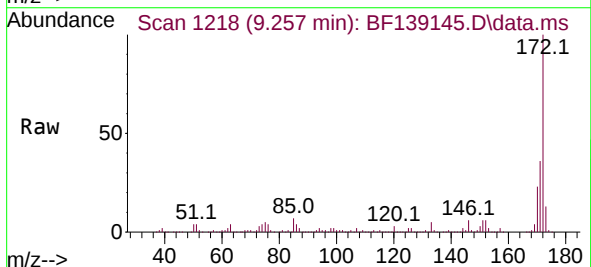
Instrument :
BNA_F
ClientSampleId :
Stock Pile-1



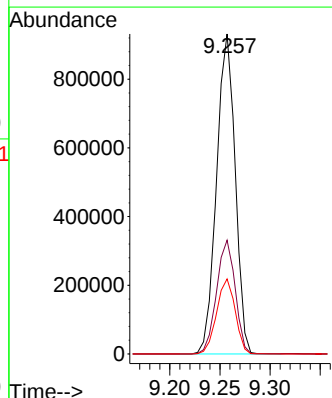
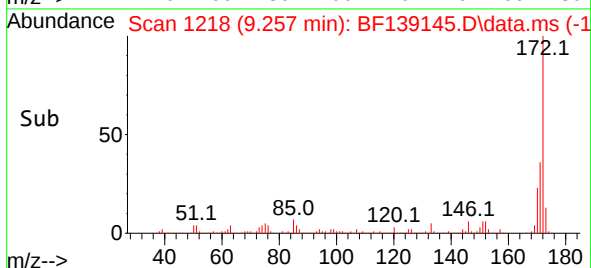
Tgt Ion:330 Resp: 285380
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 33.4 27.5 41.3

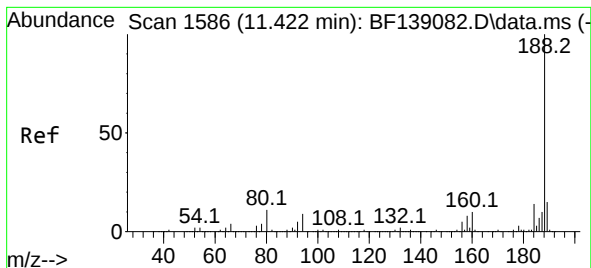


#45
2-Fluorobiphenyl
Concen: 102.404 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139145.D
Acq: 23 Aug 2024 14:13



Tgt Ion:172 Resp: 1200485
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139145.D

Acq: 23 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

Stock Pile-1

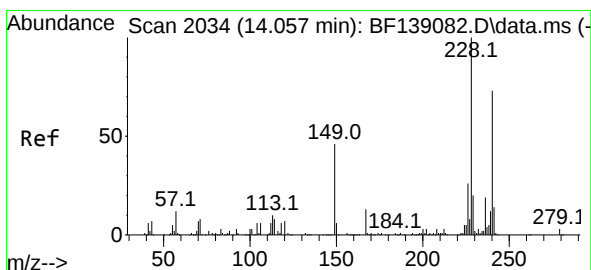
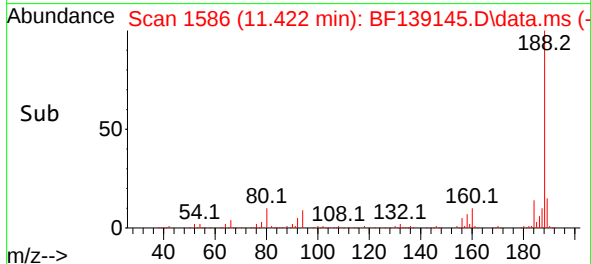
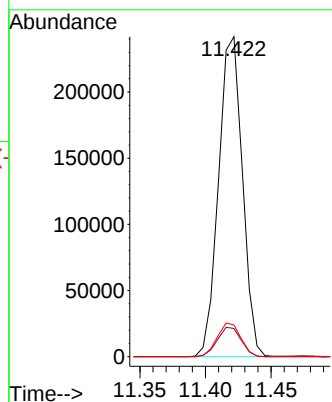
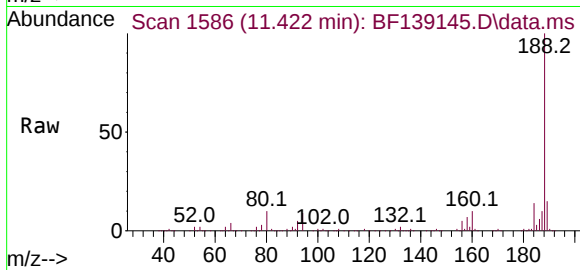
Tgt Ion:188 Resp: 305494

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139145.D

Acq: 23 Aug 2024 14:13

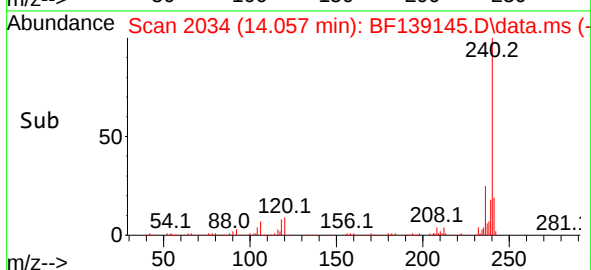
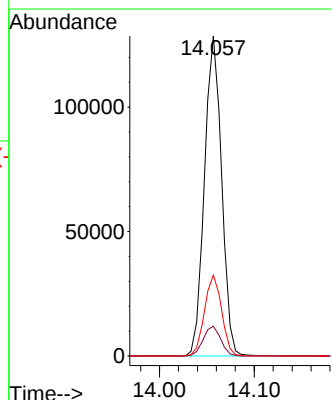
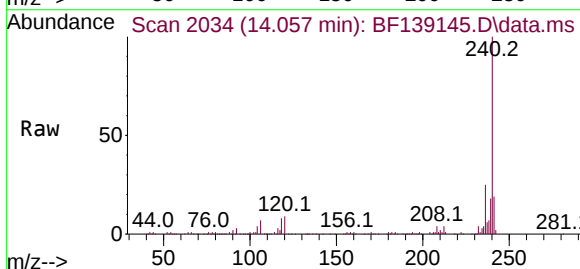
Tgt Ion:240 Resp: 161232

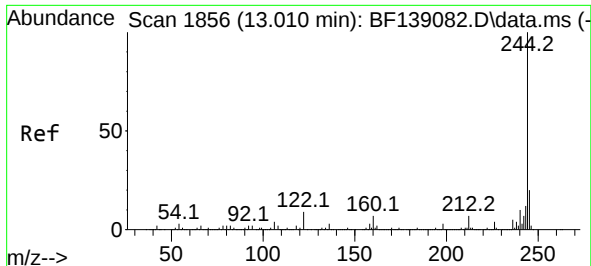
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

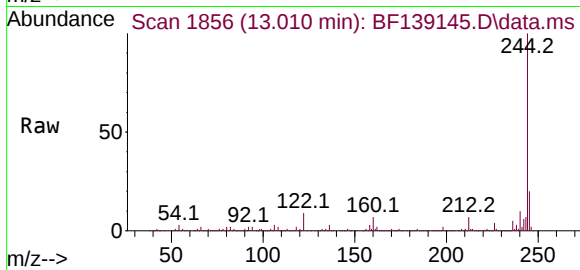
236 25.3 20.9 31.3



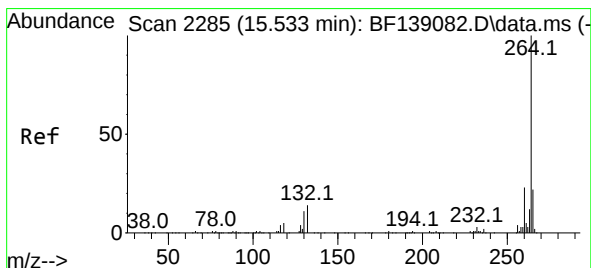
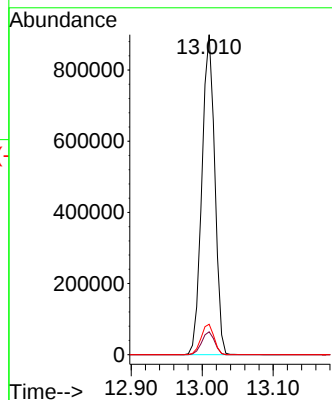
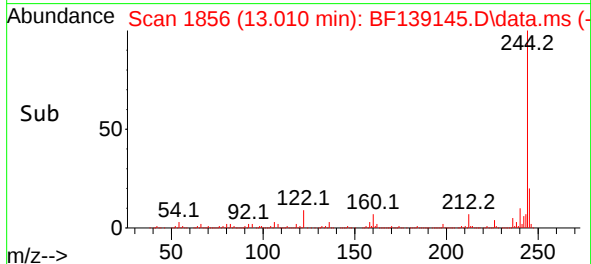


#79
 Terphenyl-d14
 Concen: 117.074 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139145.D
 Acq: 23 Aug 2024 14:13

Instrument :
 BNA_F
 ClientSampleId :
 Stock Pile-1



Tgt Ion:244 Resp: 1137601
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139145.D
 Acq: 23 Aug 2024 14:13

Tgt Ion:264 Resp: 172575
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 17.4 26.2

