

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082624\
Data File : BF139160.D
Acq On : 26 Aug 2024 10:13
Operator : RC/JU
Sample : PB162917BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162917BL

Quant Time: Aug 26 11:00:49 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	96502	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	378225	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	226105	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	434729	20.000	ng	0.00
76) Chrysene-d12	14.057	240	297750	20.000	ng	0.00
86) Perylene-d12	15.539	264	204481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	907773	144.725	ng	0.02
7) Phenol-d6	6.522	99	1170546	144.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	802206	123.589	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	368190	179.877	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1387388	97.355	ng	0.00
79) Terphenyl-d14	13.010	244	1913862	106.655	ng	0.00

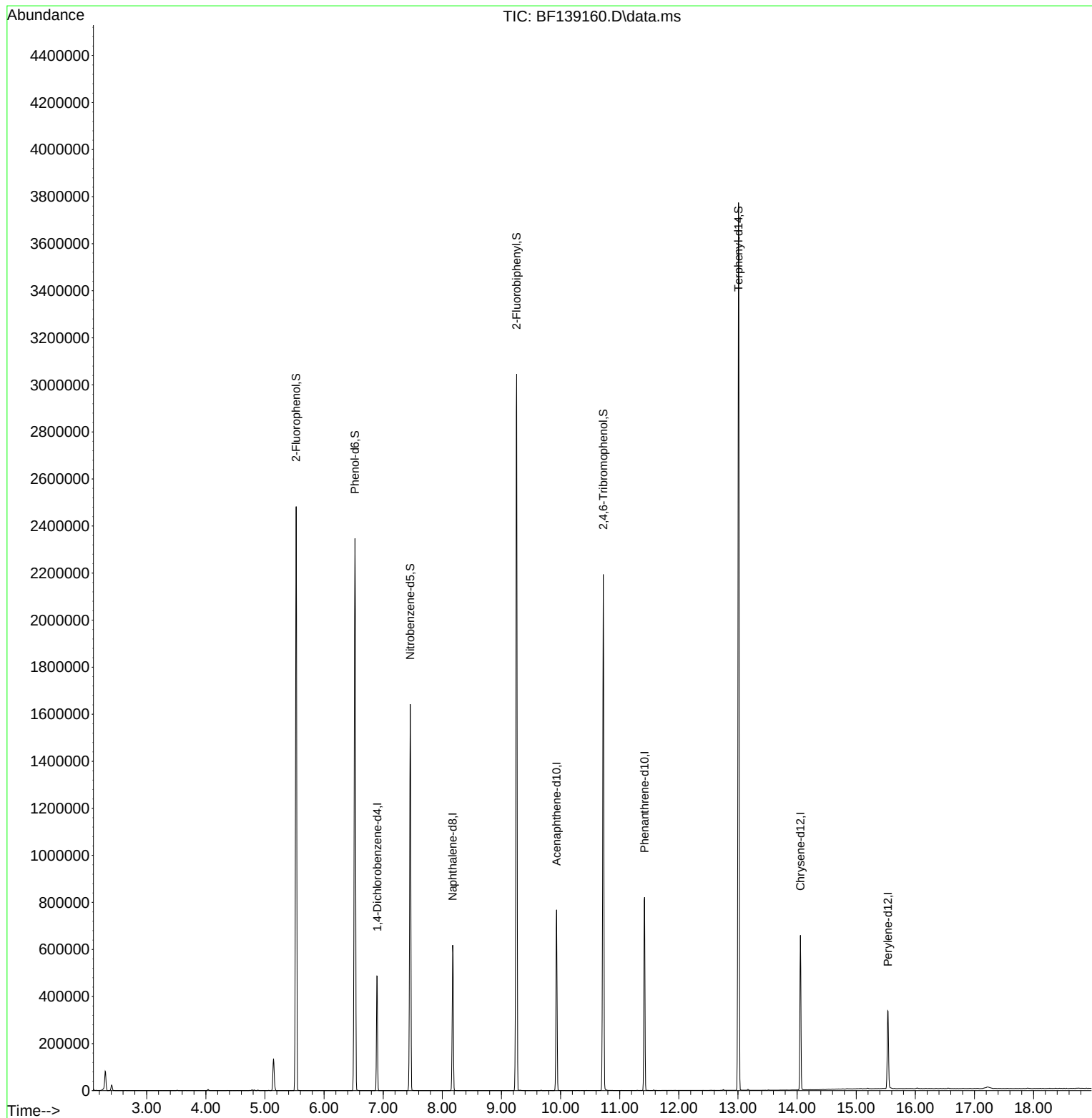
Target Compounds	Qvalue

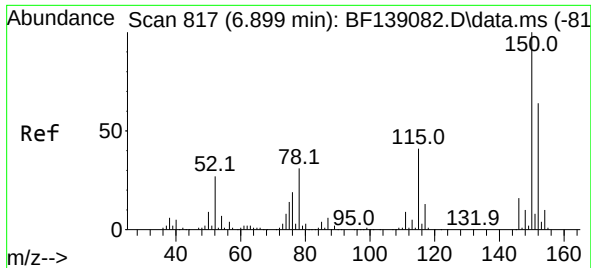
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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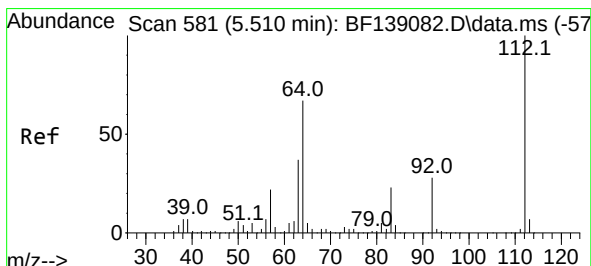
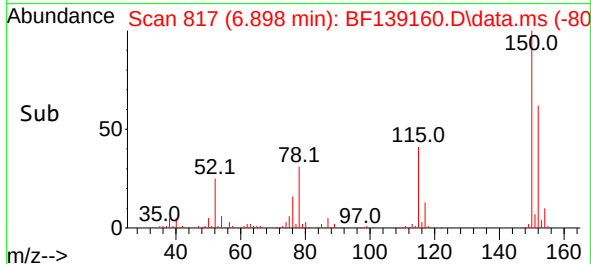
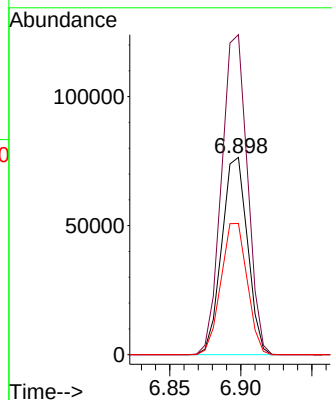
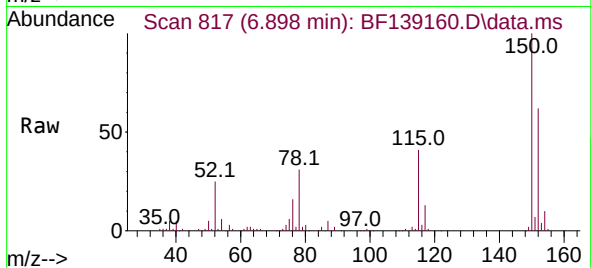




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

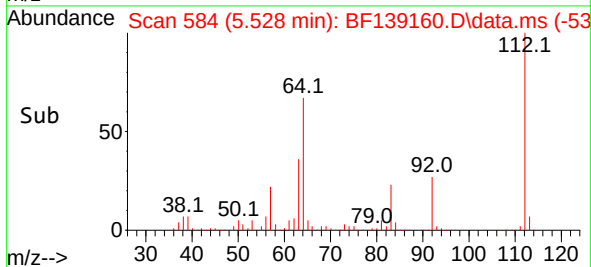
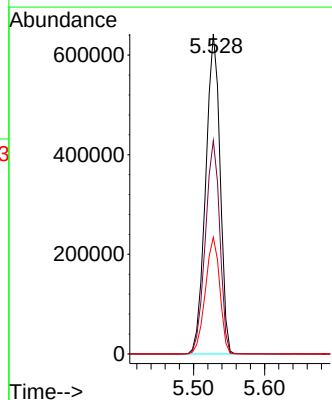
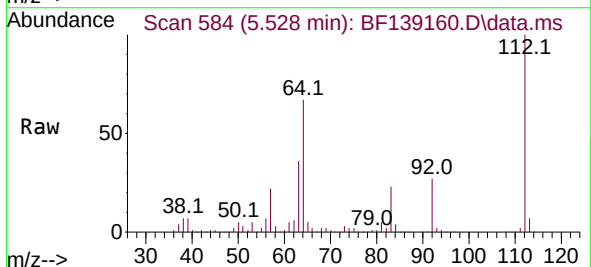
Instrument :
BNA_F
ClientSampleId :
PB162917BL

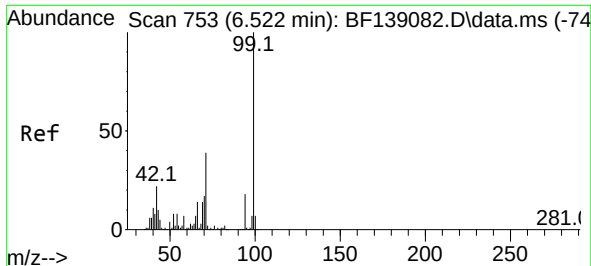
Tgt Ion:152 Resp: 96502
Ion Ratio Lower Upper
152 100
150 162.2 125.1 187.7
115 66.5 51.8 77.6



#5
2-Fluorophenol
Concen: 144.725 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:112 Resp: 907773
Ion Ratio Lower Upper
112 100
64 66.7 53.8 80.6
63 36.5 29.4 44.2

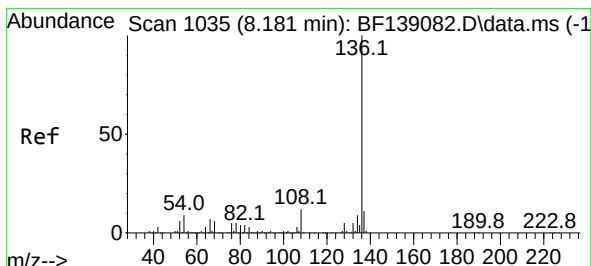
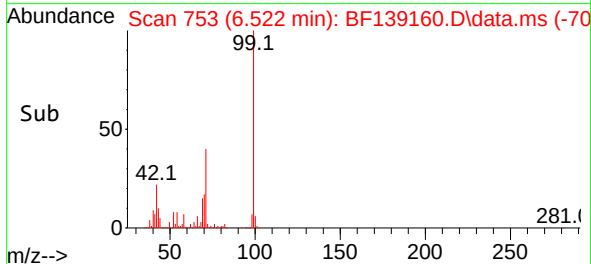
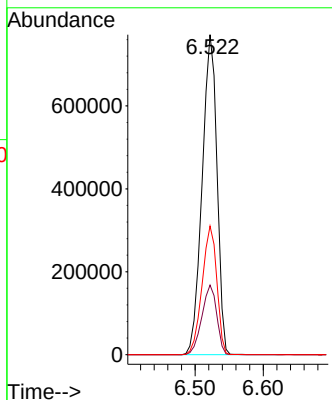
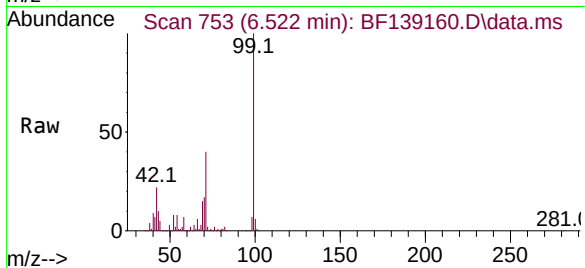




#7
Phenol-d6
Concen: 144.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

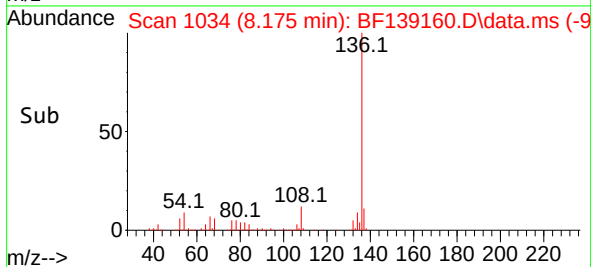
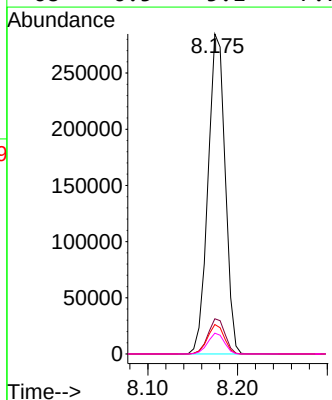
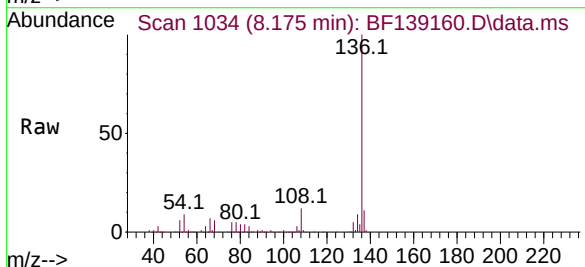
Instrument :
BNA_F
ClientSampleId :
PB162917BL

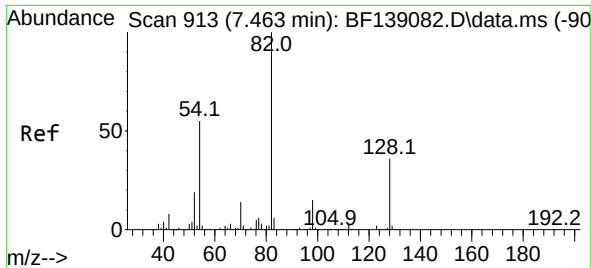
Tgt Ion: 99 Resp: 1170546
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 40.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion: 136 Resp: 378225
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.6 11.4
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 123.589 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139160.D

Acq: 26 Aug 2024 10:13

Instrument :

BNA_F

ClientSampleId :

PB162917BL

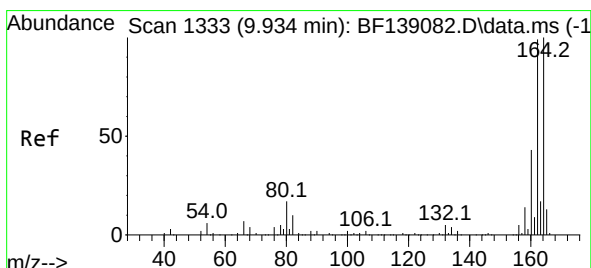
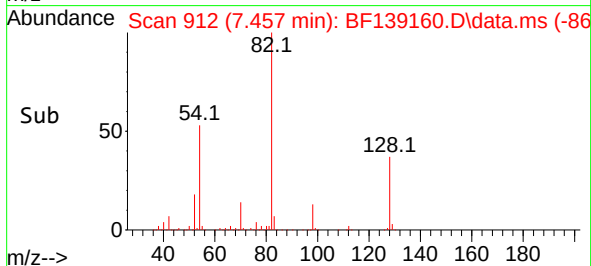
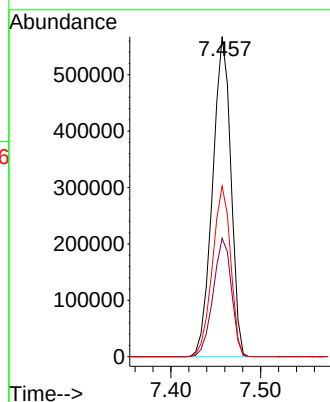
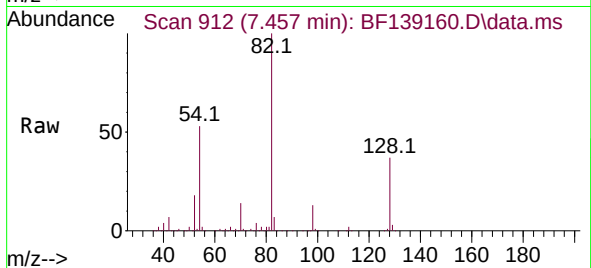
Tgt Ion: 82 Resp: 802206

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

54 53.3 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139160.D

Acq: 26 Aug 2024 10:13

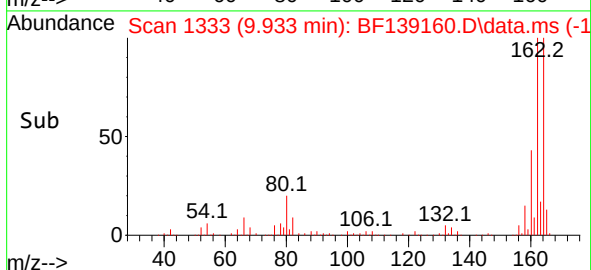
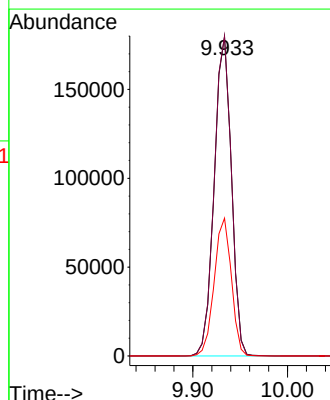
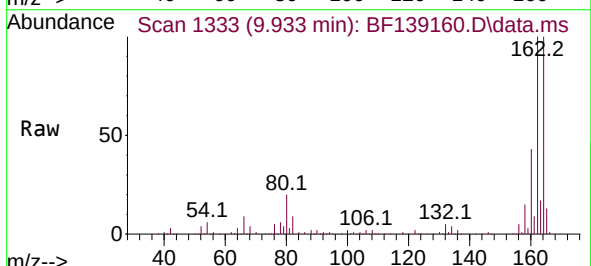
Tgt Ion:164 Resp: 226105

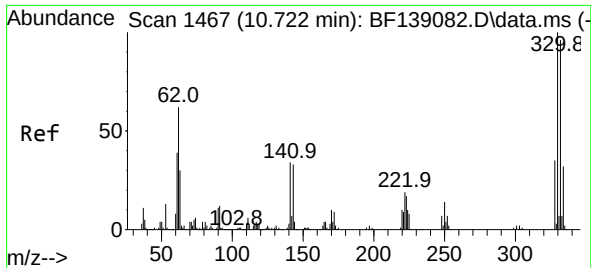
Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

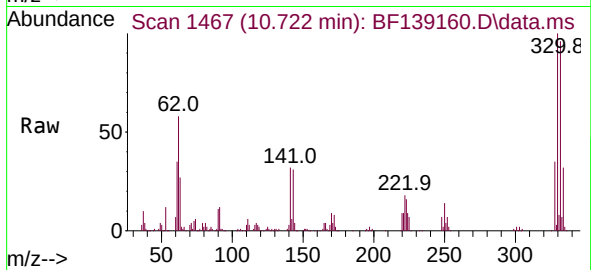
160 43.2 34.5 51.7



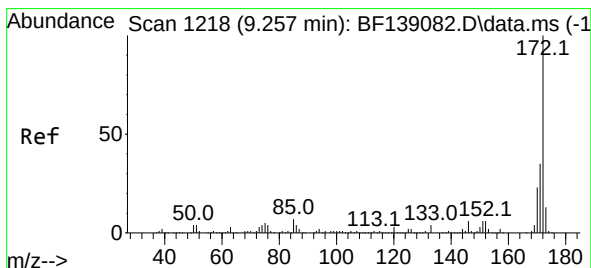
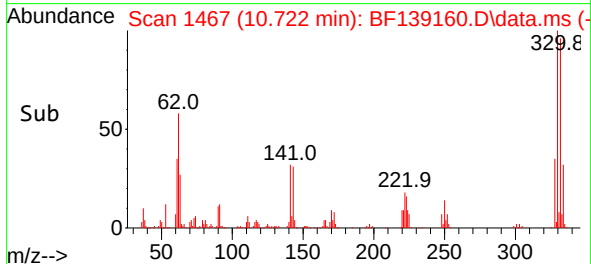
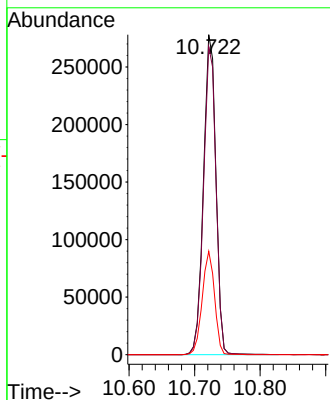


#42
2,4,6-Tribromophenol
Concen: 179.877 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Instrument :
BNA_F
ClientSampleId :
PB162917BL

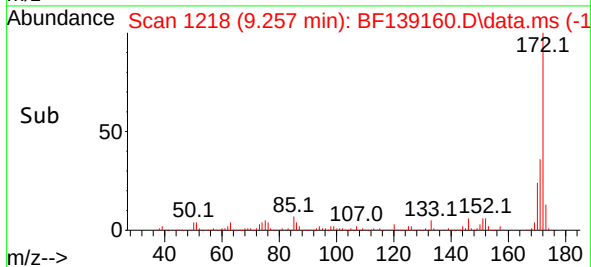
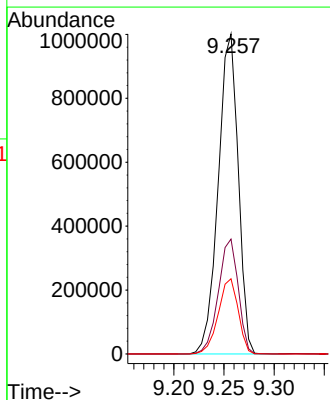
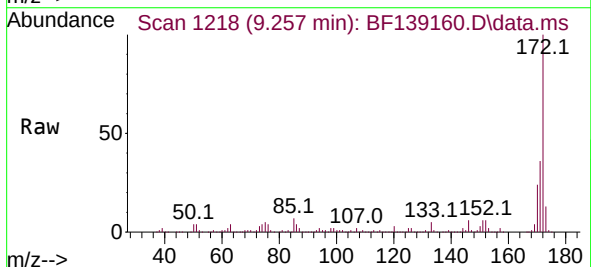


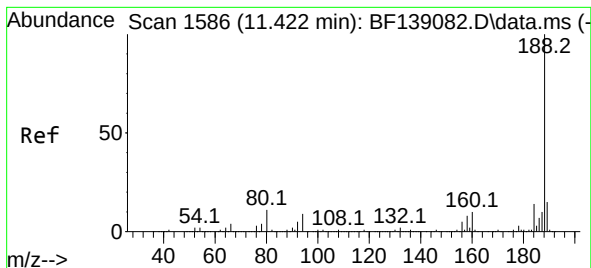
Tgt Ion:330 Resp: 368190
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 32.1 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 97.355 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:172 Resp: 1387388
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.5 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: BF139160.D

Acq: 26 Aug 2024 10:13

Instrument :

BNA_F

ClientSampleId :

PB162917BL

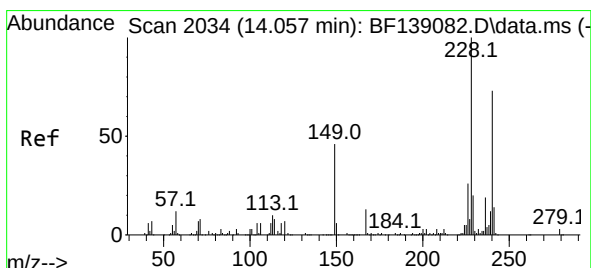
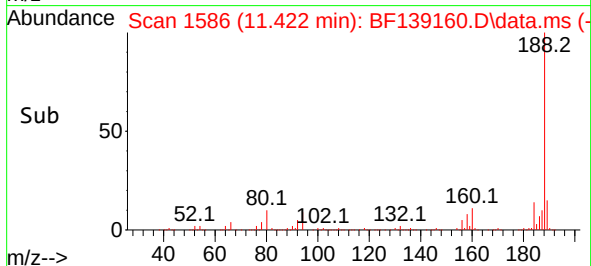
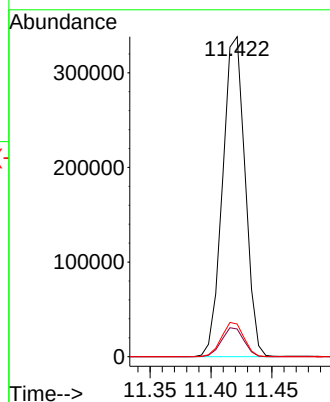
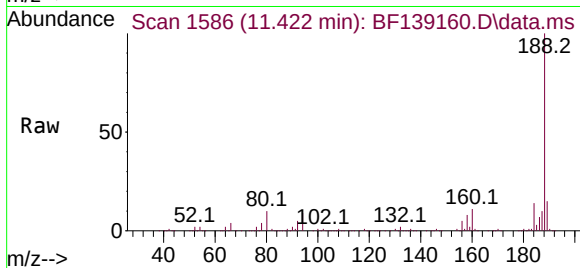
Tgt Ion:188 Resp: 434729

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.2 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: BF139160.D

Acq: 26 Aug 2024 10:13

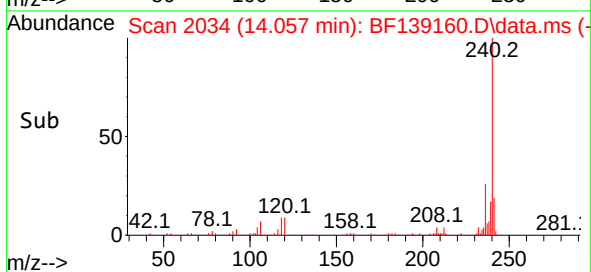
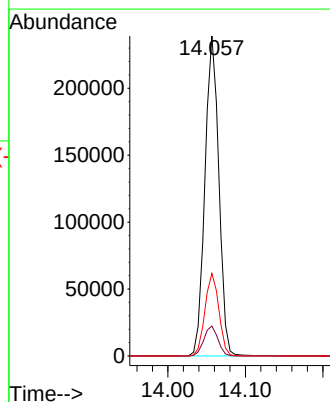
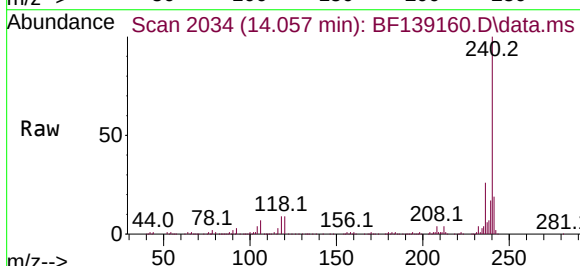
Tgt Ion:240 Resp: 297750

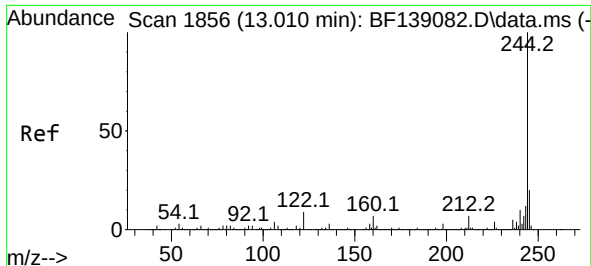
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

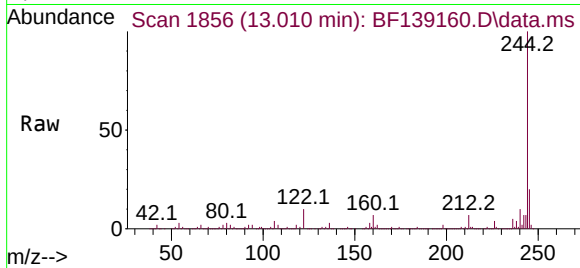
236 25.8 20.9 31.3



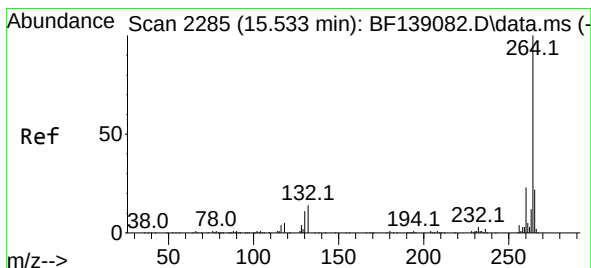
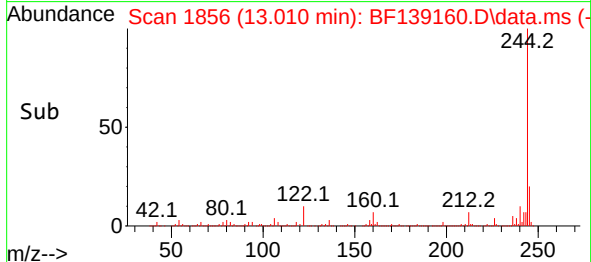
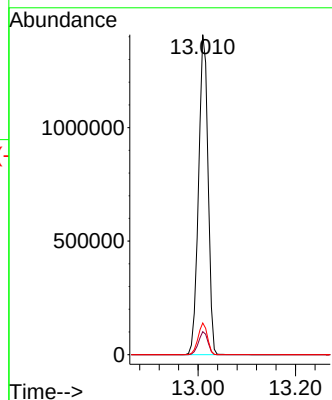


#79
 Terphenyl-d14
 Concen: 106.655 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139160.D
 Acq: 26 Aug 2024 10:13

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL



Tgt Ion:244 Resp: 1913862
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: BF139160.D
 Acq: 26 Aug 2024 10:13

Tgt Ion:264 Resp: 204481
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.8 17.4 26.2

