

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136111.D
 Acq On : 02 Nov 2023 23:08
 Operator : CG\JU
 Sample : 05050-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4

Quant Time: Nov 03 00:03:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	103354	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	401945	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	198223	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	319816	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	195460	20.000	ng	-0.01
86) Perylene-d12	15.492	264	175203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	582360	88.543	ng	0.00
7) Phenol-d6	6.451	99	711685	86.846	ng	0.00
23) Nitrobenzene-d5	7.381	82	445125	66.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	180138	85.140	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	838777	67.454	ng	0.00
79) Terphenyl-d14	12.951	244	719722	57.222	ng	0.00

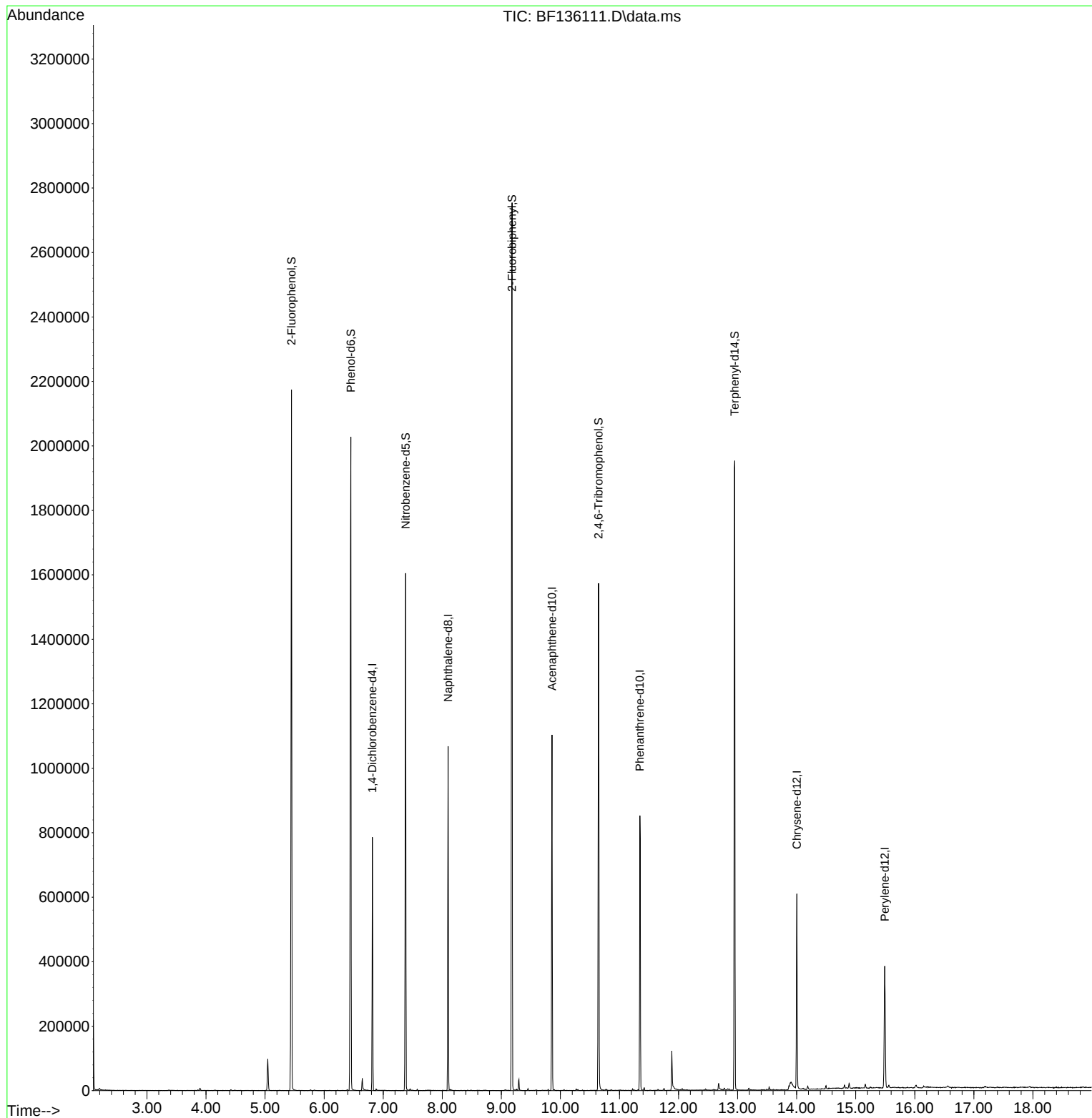
Target Compounds	Qvalue

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

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Quant Time: Nov 03 00:03:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

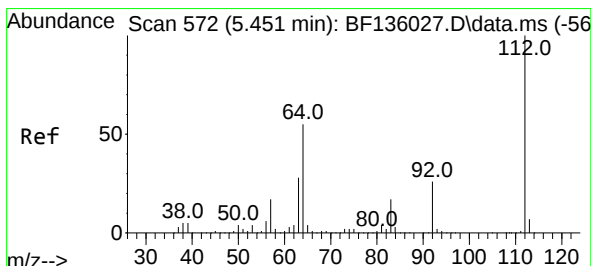
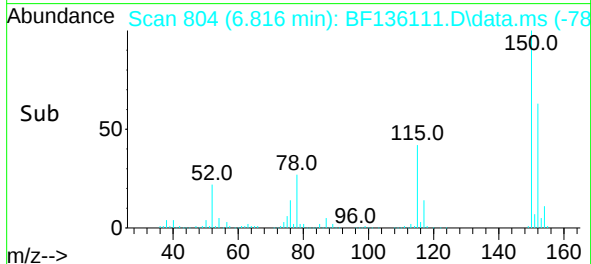
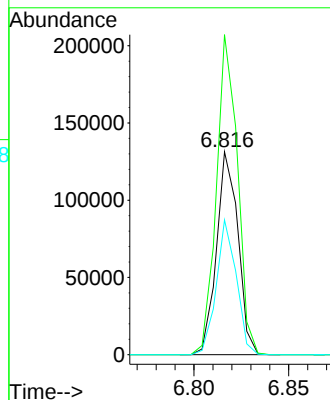
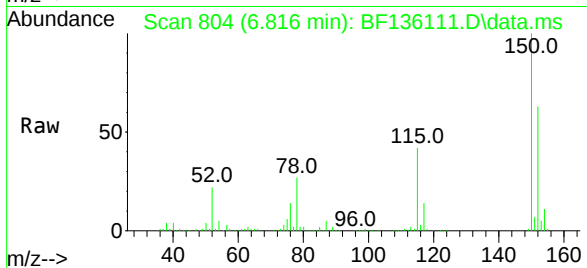




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 806
 Delta R.T. -0.012 min
 Lab File: BF136111.D
 Acq: 02 Nov 2023 23:08

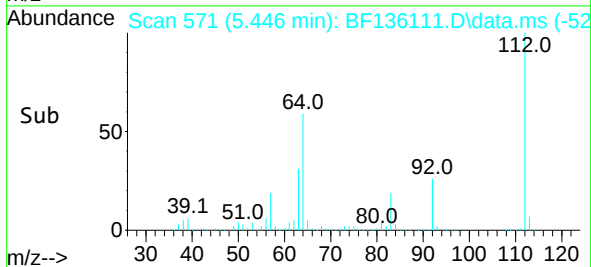
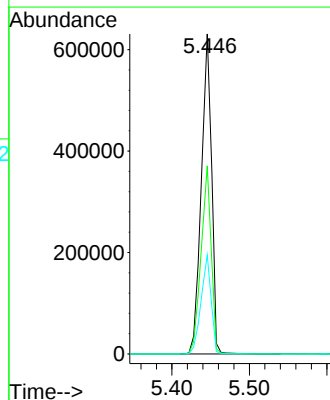
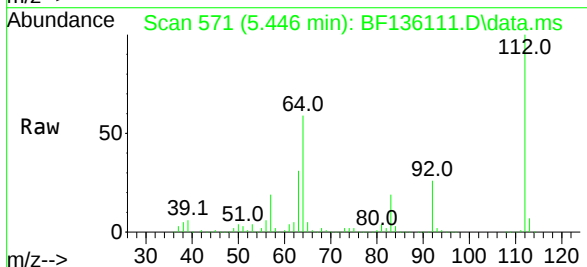
Instrument :
 BNA_F
 ClientSampleId :
 B4

Tgt Ion:152 Resp: 103354
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.4 189.6
 115 66.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 88.543 ng
 RT: 5.446 min Scan# 571
 Delta R.T. -0.006 min
 Lab File: BF136111.D
 Acq: 02 Nov 2023 23:08

Tgt Ion:112 Resp: 582360
 Ion Ratio Lower Upper
 112 100
 64 58.8 43.9 65.9
 63 30.9 22.4 33.6

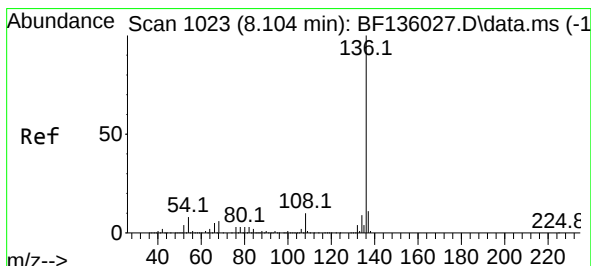
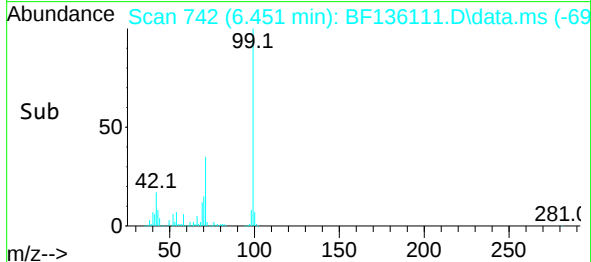
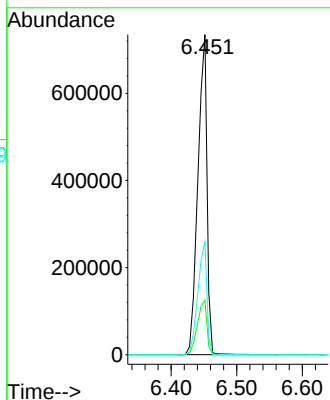
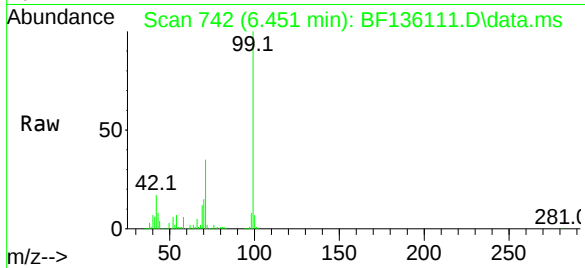




#7
Phenol-d6
Concen: 86.846 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136111.D
Acq: 02 Nov 2023 23:08

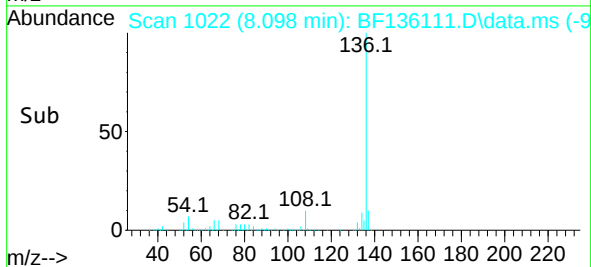
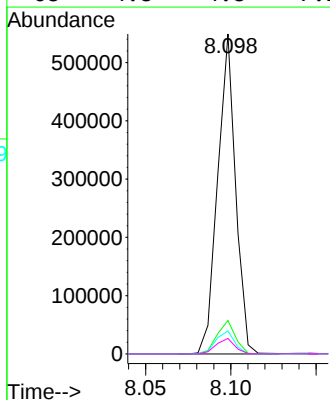
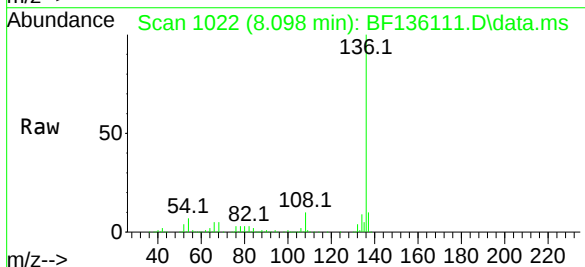
Instrument :
BNA_F
ClientSampleId :
B4

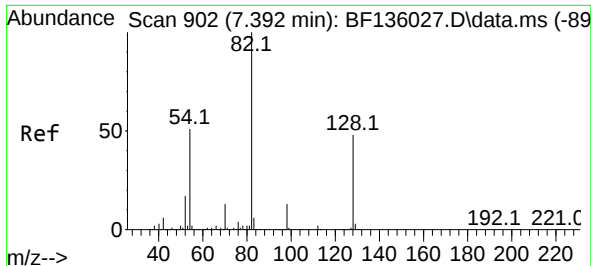
Tgt Ion: 99 Resp: 711685
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 35.3 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136111.D
Acq: 02 Nov 2023 23:08

Tgt Ion: 136 Resp: 401945
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.2 6.6 9.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 66.759 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136111.D

Acq: 02 Nov 2023 23:08

Instrument :

BNA_F

ClientSampleId :

B4

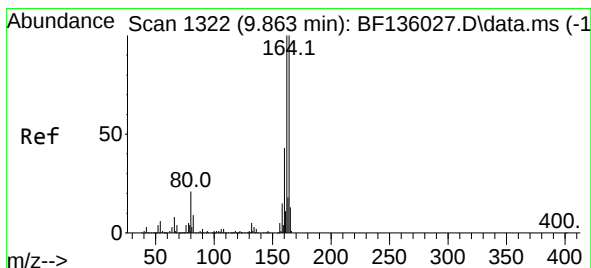
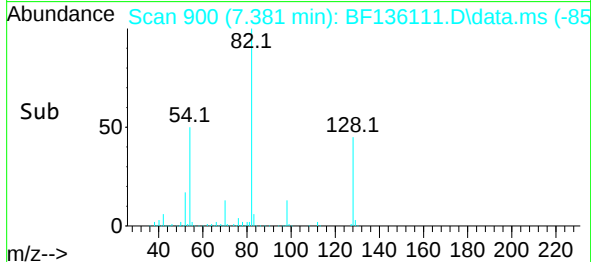
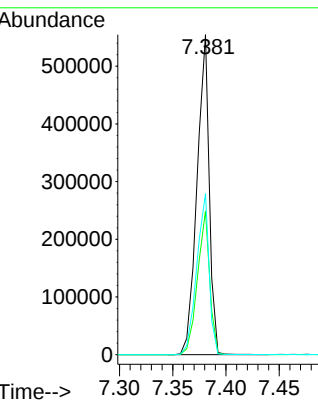
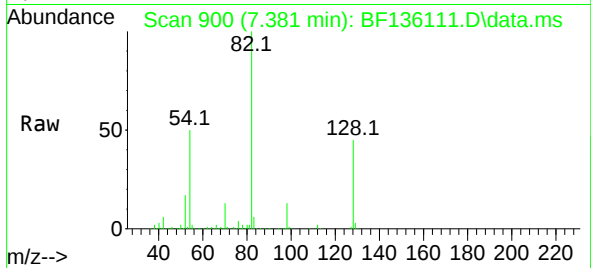
Tgt Ion: 82 Resp: 445125

Ion Ratio Lower Upper

82 100

128 44.9 38.6 57.8

54 50.4 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136111.D

Acq: 02 Nov 2023 23:08

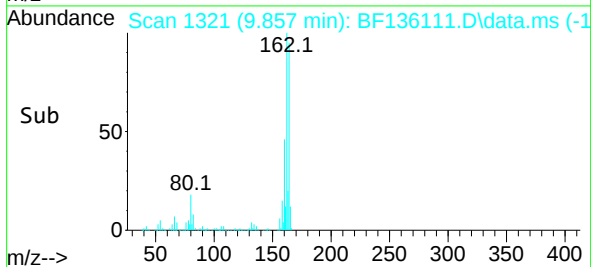
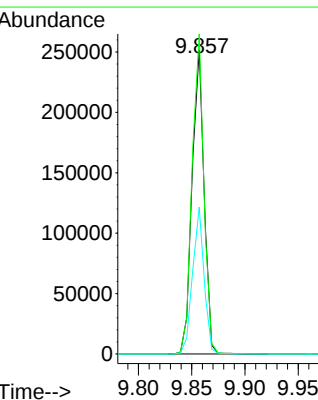
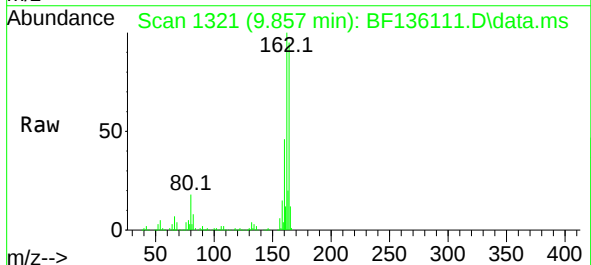
Tgt Ion:164 Resp: 198223

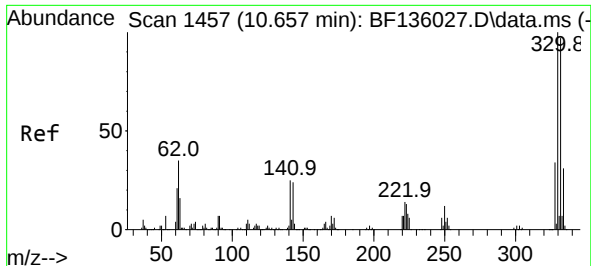
Ion Ratio Lower Upper

164 100

162 105.1 80.1 120.1

160 48.3 34.8 52.2

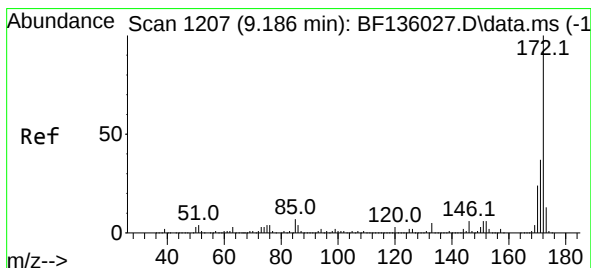
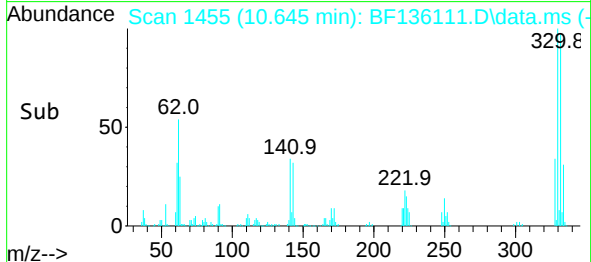
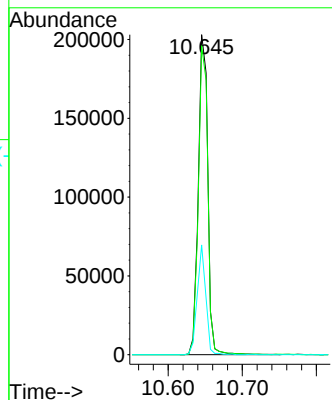
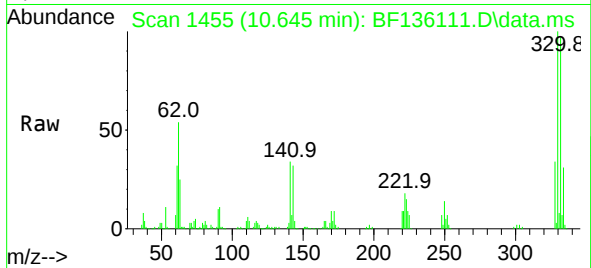




#42
2,4,6-Tribromophenol
Concen: 85.140 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF136111.D
Acq: 02 Nov 2023 23:08

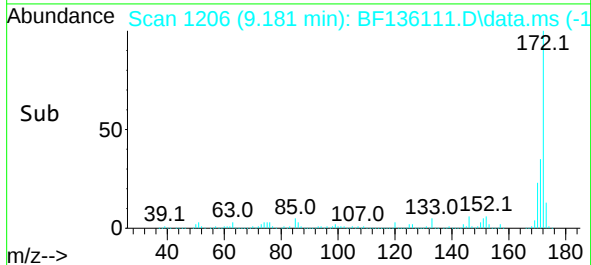
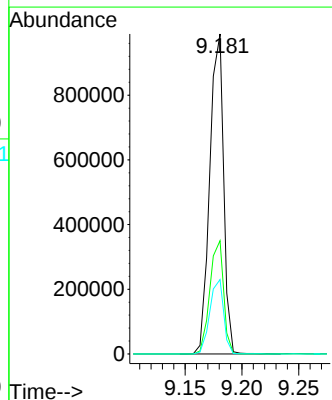
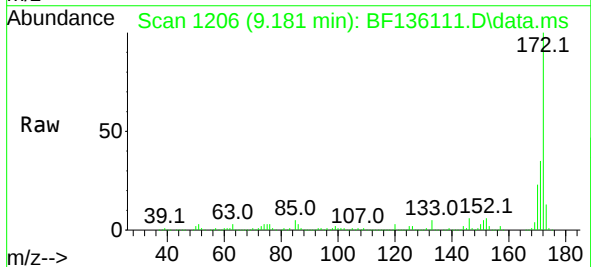
Instrument :
BNA_F
ClientSampleId :
B4

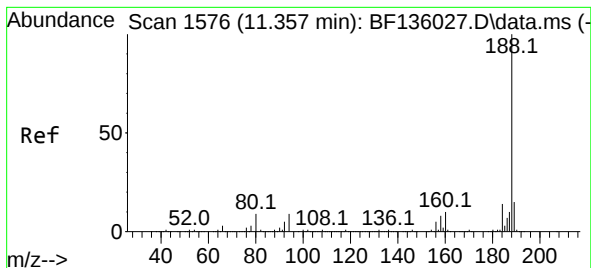
Tgt Ion:330 Resp: 180138
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 31.0 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 67.454 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136111.D
Acq: 02 Nov 2023 23:08

Tgt Ion:172 Resp: 838777
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136111.D

Acq: 02 Nov 2023 23:08

Instrument :

BNA_F

ClientSampleId :

B4

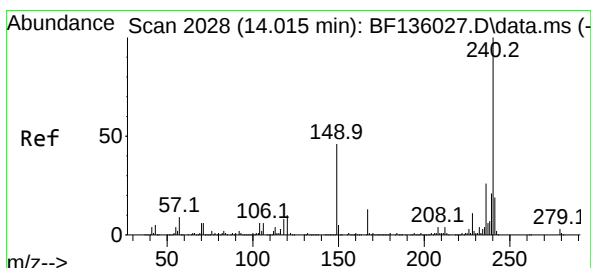
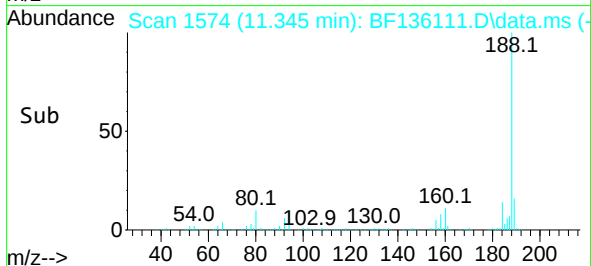
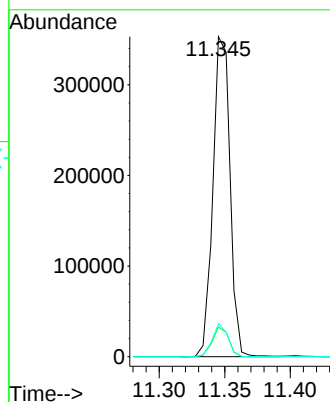
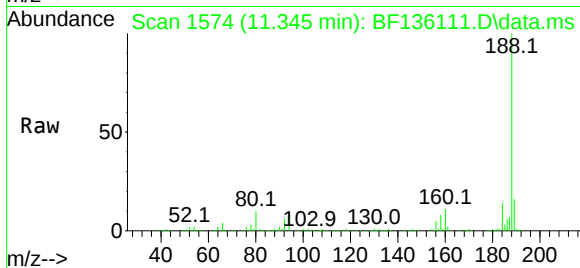
Tgt Ion:188 Resp: 319816

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.3 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136111.D

Acq: 02 Nov 2023 23:08

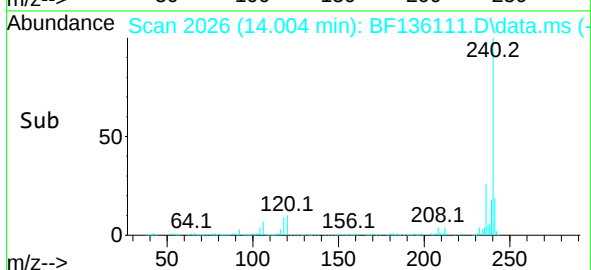
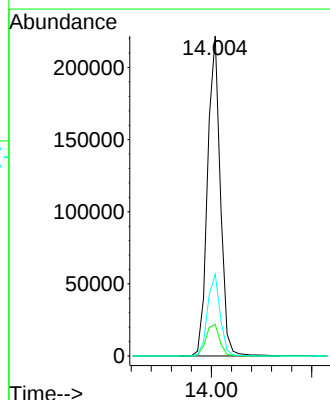
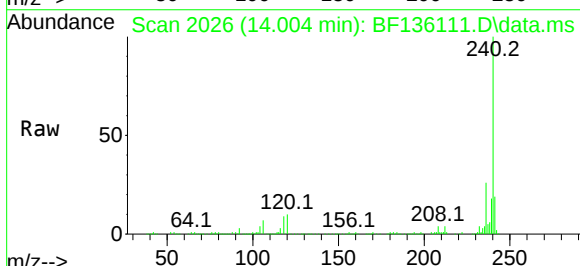
Tgt Ion:240 Resp: 195460

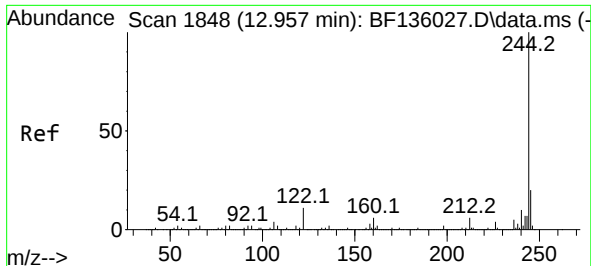
Ion Ratio Lower Upper

240 100

120 9.8 7.6 11.4

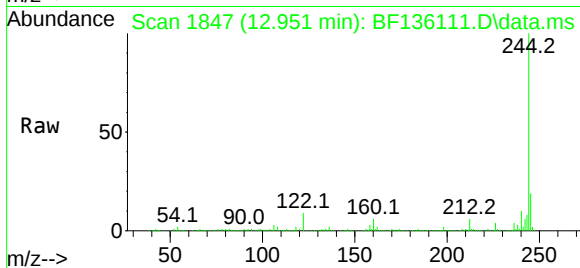
236 25.5 20.6 31.0



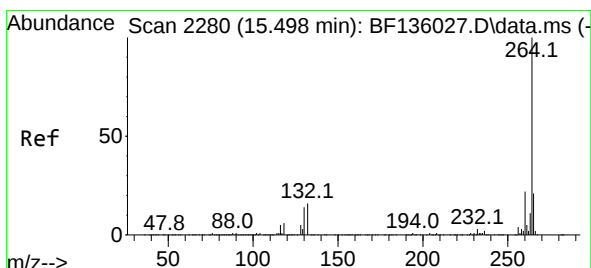
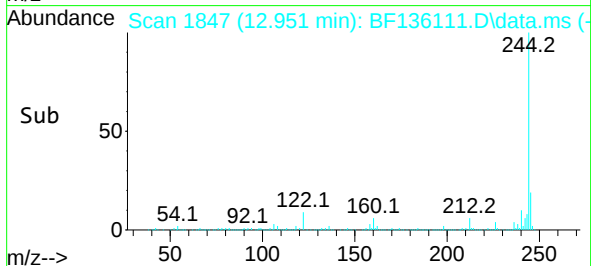
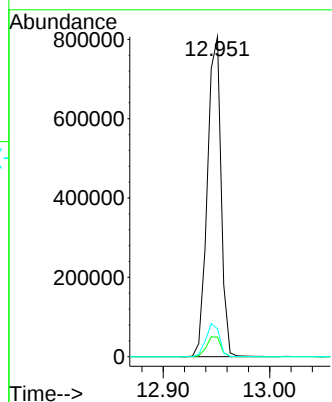


#79
 Terphenyl-d14
 Concen: 57.222 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136111.D
 Acq: 02 Nov 2023 23:08

Instrument :
 BNA_F
 ClientSampleId :
 B4



Tgt Ion:244 Resp: 719722
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136111.D
 Acq: 02 Nov 2023 23:08

Tgt Ion:264 Resp: 175203
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.9 26.9
 265 21.7 16.8 25.2

