

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136751.D
 Acq On : 27 Dec 2023 11:14
 Operator : CG\JU
 Sample : PB157937BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157937BL

Quant Time: Dec 27 11:52:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83156	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	319270	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	157296	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	289311	20.000	ng	0.00
76) Chrysene-d12	13.962	240	163908	20.000	ng	0.00
86) Perylene-d12	15.445	264	160858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	661636	124.145	ng	0.01
7) Phenol-d6	6.434	99	827801	119.871	ng	0.00
23) Nitrobenzene-d5	7.345	82	504999	80.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	210176	113.455	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	974164	83.297	ng	-0.01
79) Terphenyl-d14	12.910	244	907175	77.345	ng	0.00

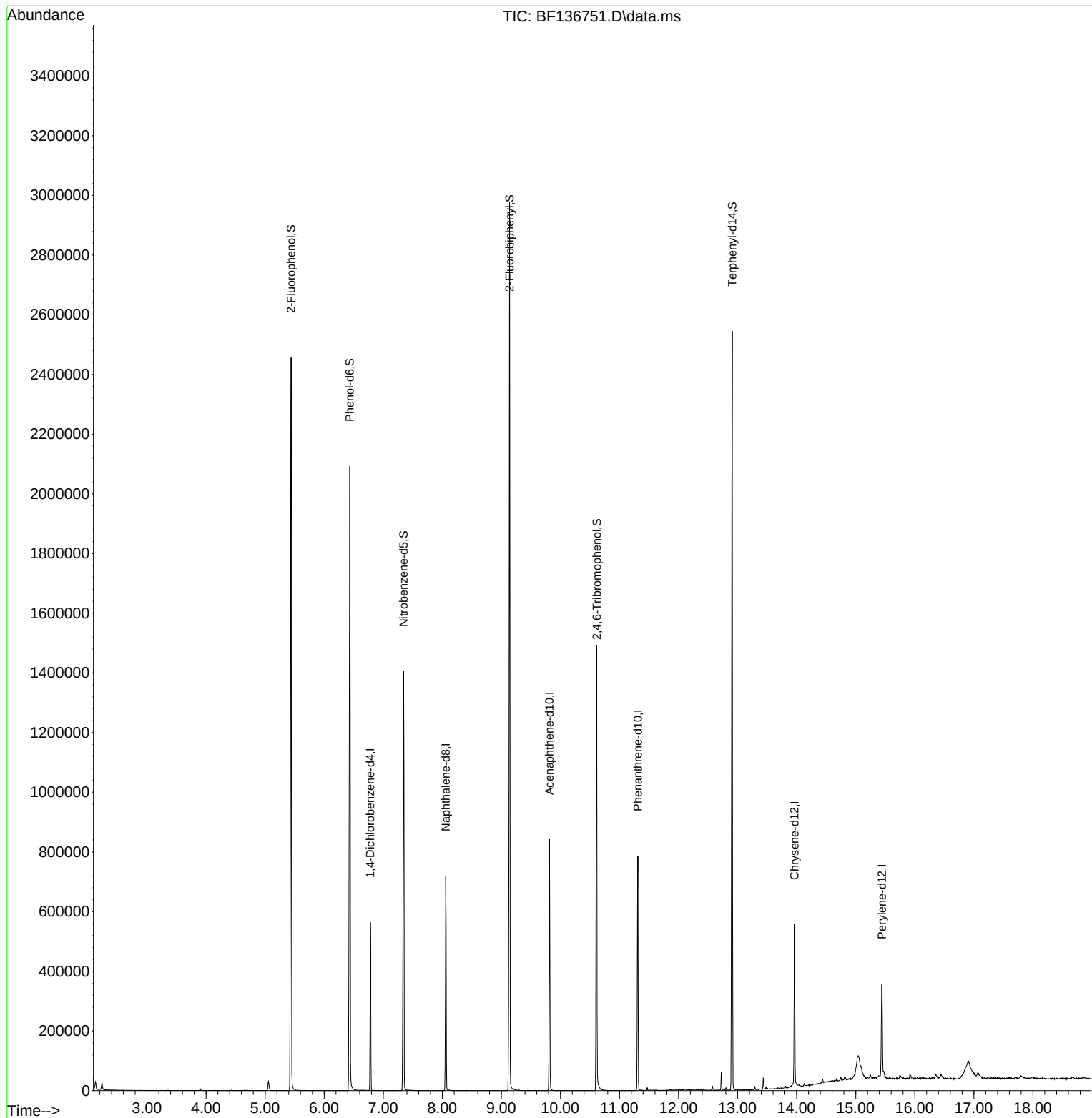
Target Compounds	Qvalue

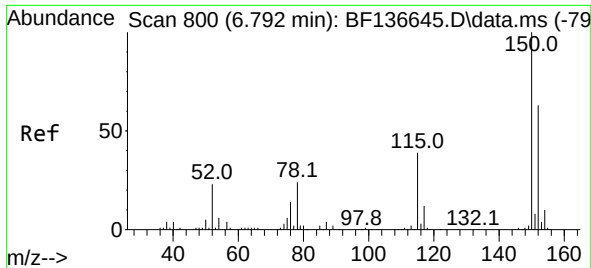
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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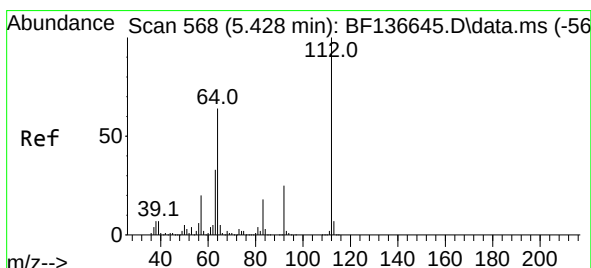
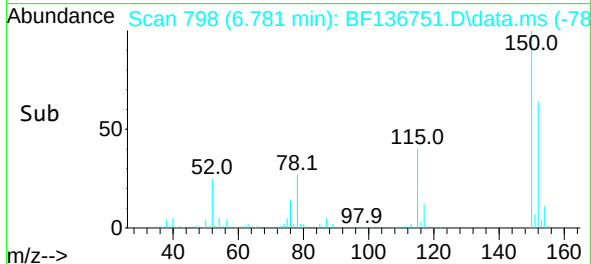
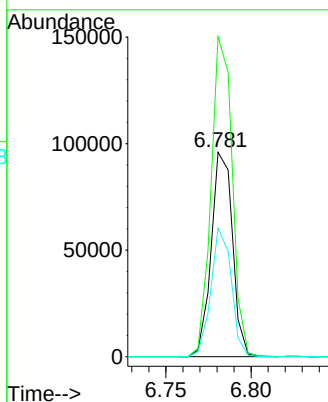
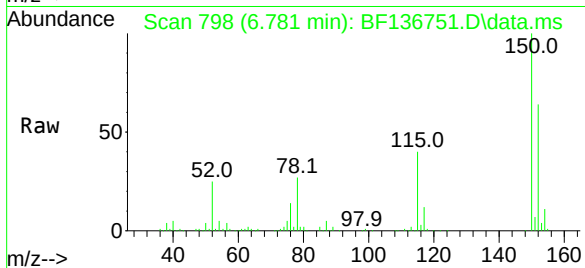




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

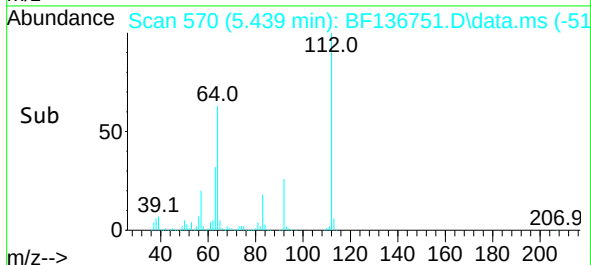
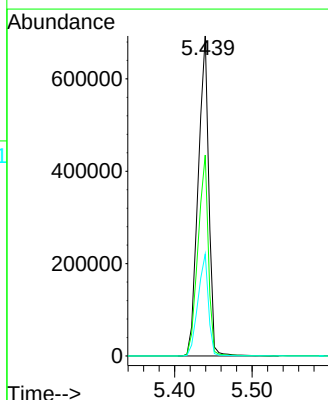
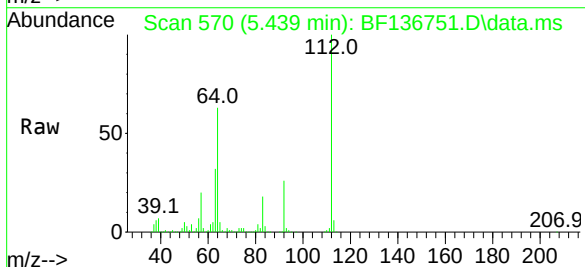
Instrument :
BNA_F
ClientSampleId :
PB157937BL

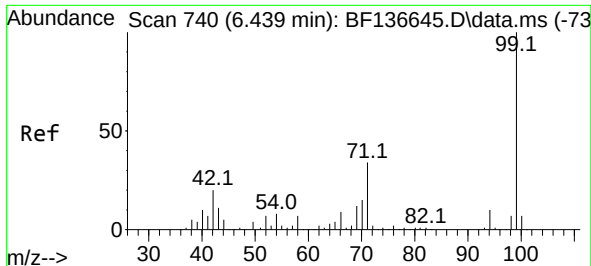
Tgt Ion:152 Resp: 83156
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 62.9 49.0 73.4



#5
2-Fluorophenol
Concen: 124.145 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Tgt Ion:112 Resp: 661636
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 31.8 26.1 39.1

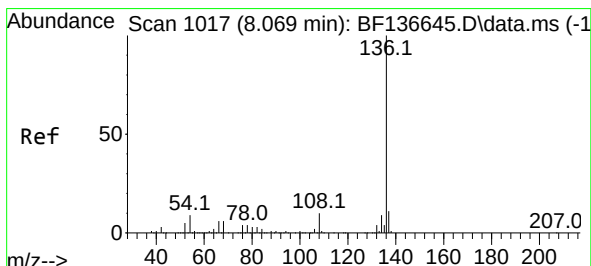
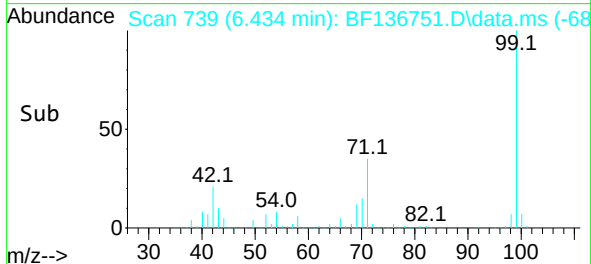
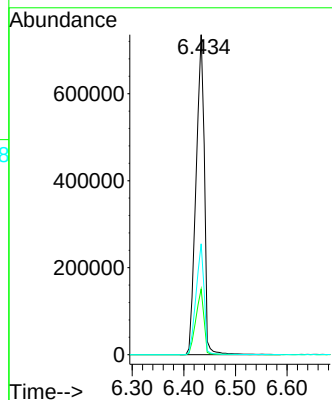
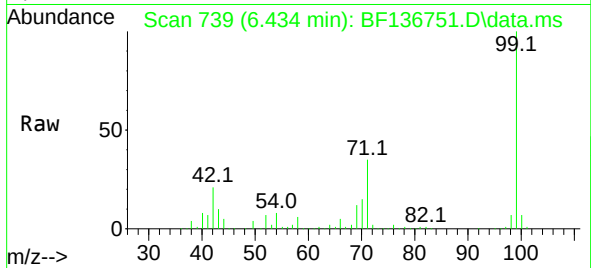




#7
Phenol-d6
Concen: 119.871 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

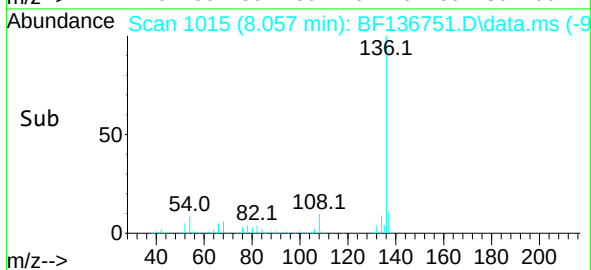
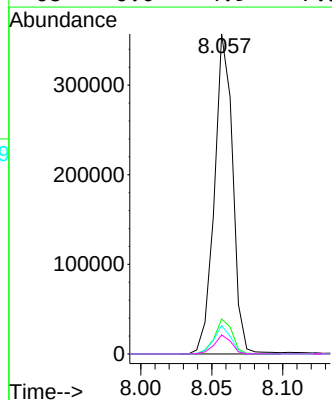
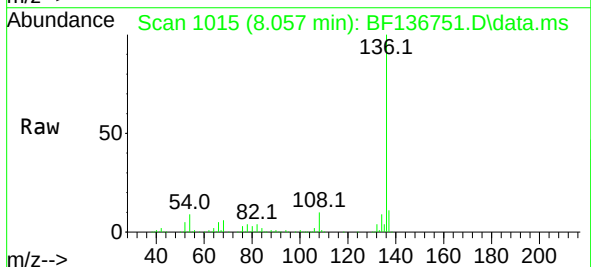
Instrument :
BNA_F
ClientSampleId :
PB157937BL

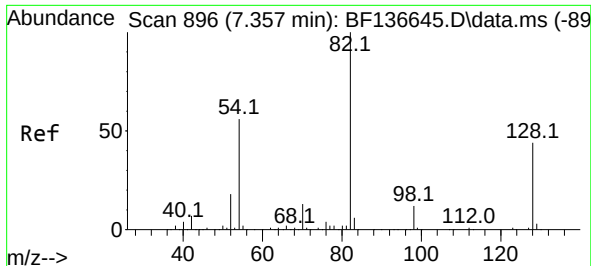
Tgt Ion: 99 Resp: 827801
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 34.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Tgt Ion: 136 Resp: 319270
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 7.2 10.8
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.939 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB157937BL

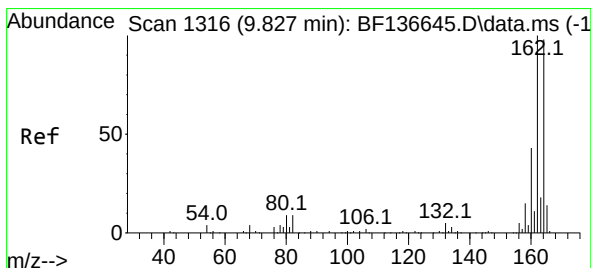
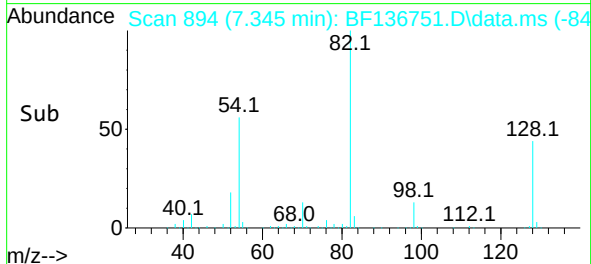
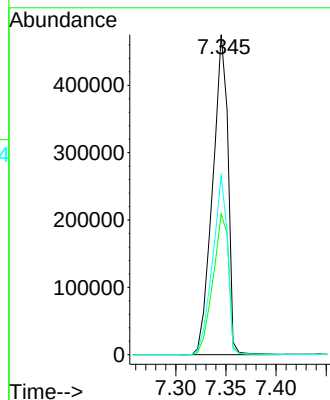
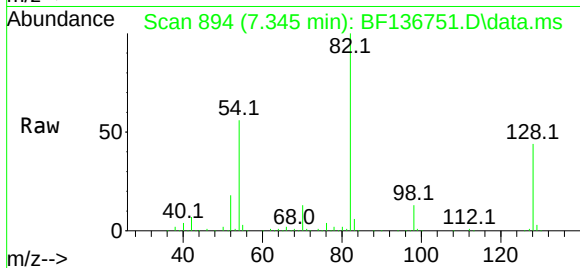
Tgt Ion: 82 Resp: 504999

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 56.0 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

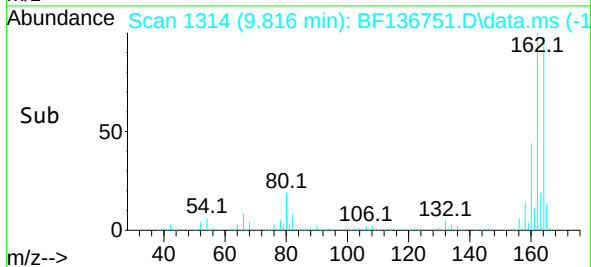
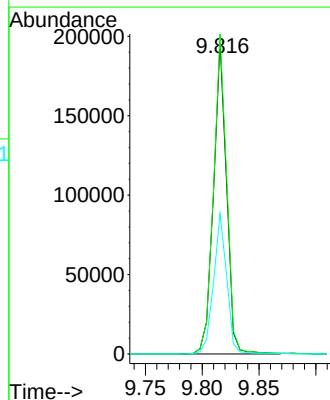
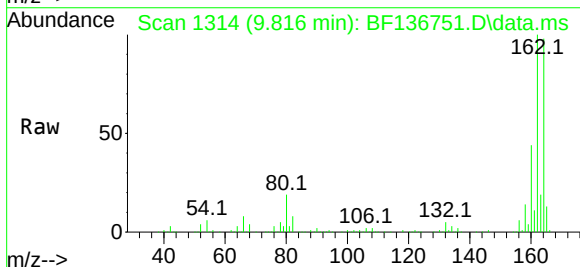
Tgt Ion:164 Resp: 157296

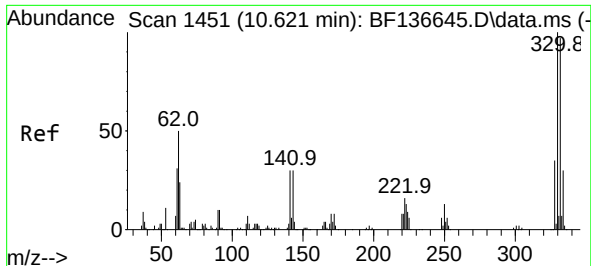
Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

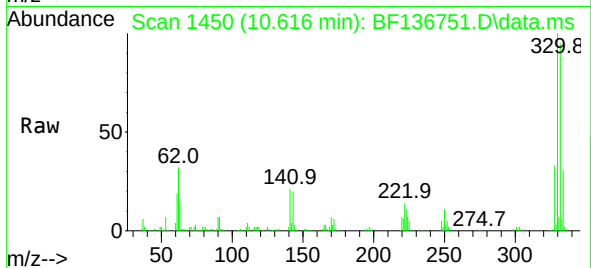
160 44.9 34.9 52.3



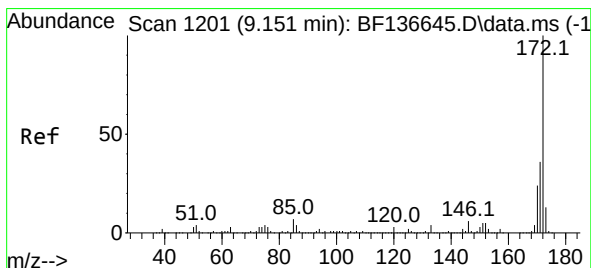
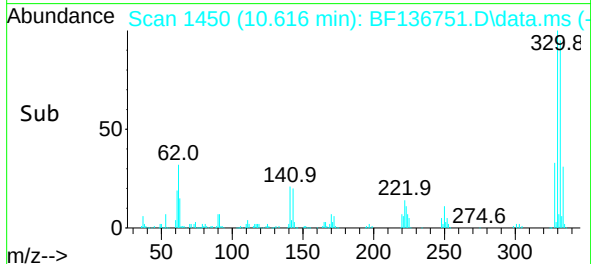
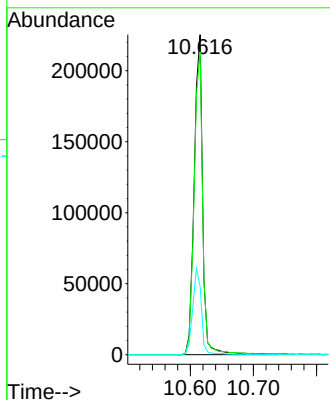


#42
2,4,6-Tribromophenol
Concen: 113.455 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB157937BL

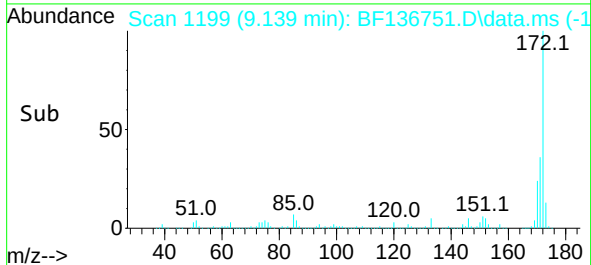
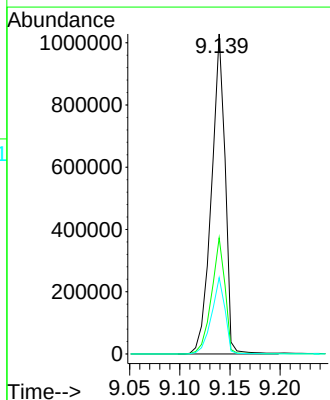
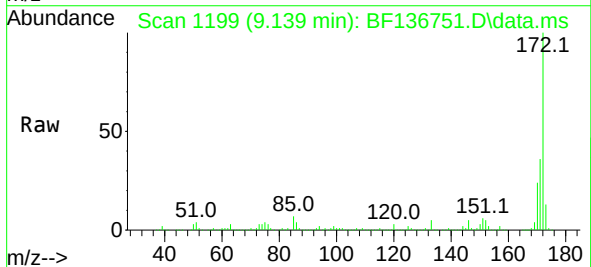


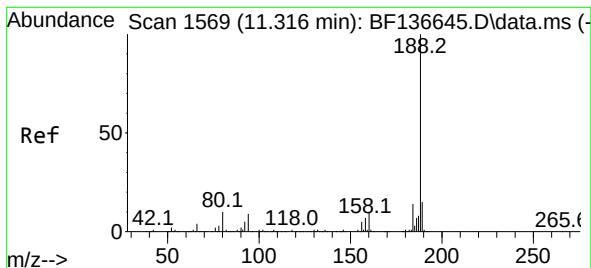
Tgt Ion:330 Resp: 210176
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.297 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136751.D
Acq: 27 Dec 2023 11:14

Tgt Ion:172 Resp: 974164
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB157937BL

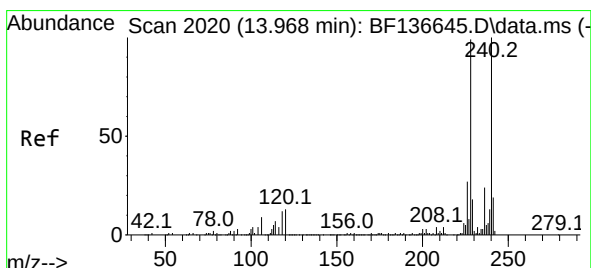
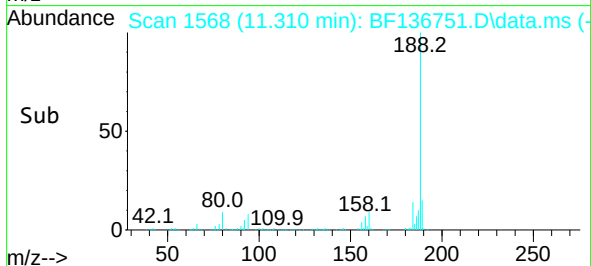
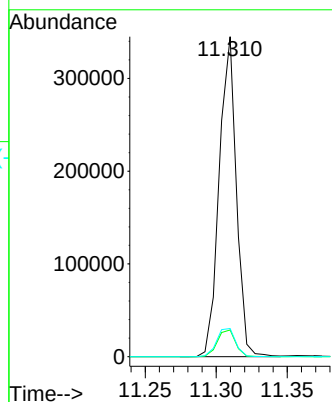
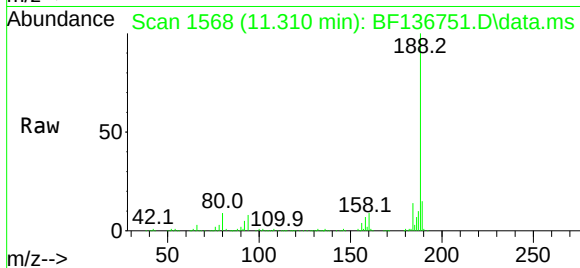
Tgt Ion:188 Resp: 289311

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

80 8.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136751.D

Acq: 27 Dec 2023 11:14

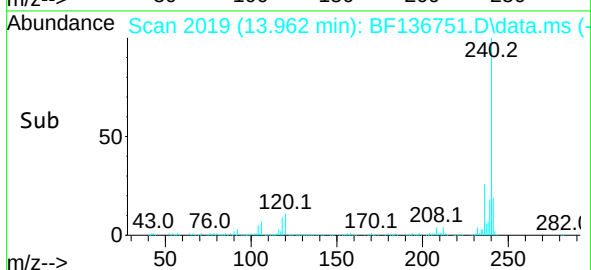
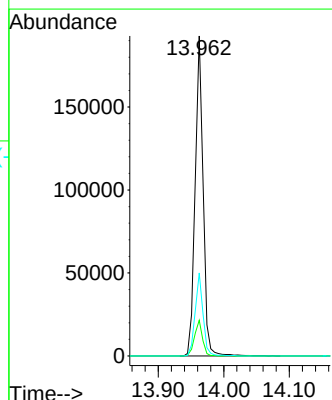
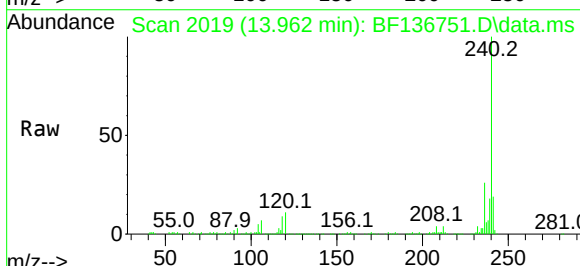
Tgt Ion:240 Resp: 163908

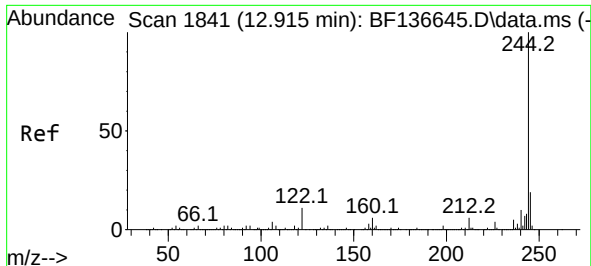
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

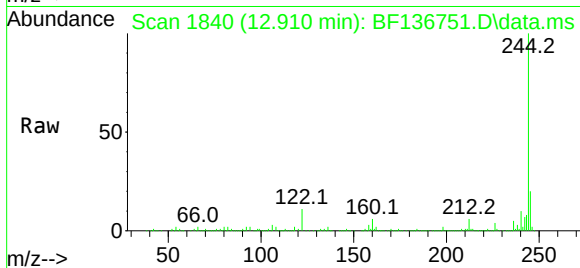
236 26.0 19.4 29.2



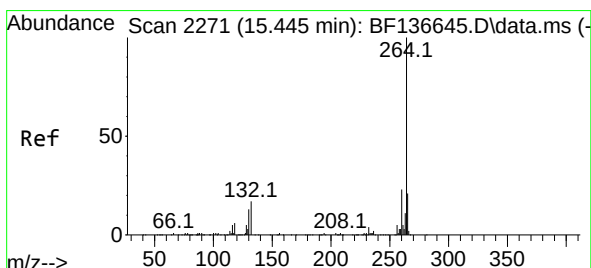
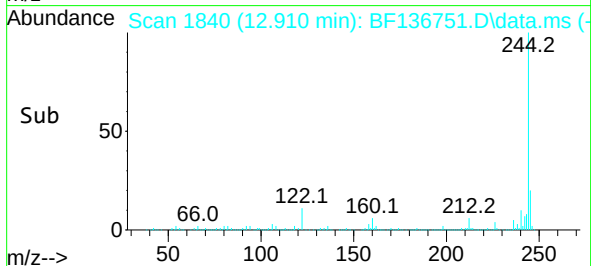
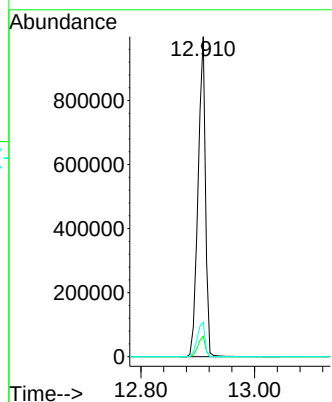


#79
 Terphenyl-d14
 Concen: 77.345 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136751.D
 Acq: 27 Dec 2023 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB157937BL



Tgt Ion:244 Resp: 907175
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136751.D
 Acq: 27 Dec 2023 11:14

Tgt Ion:264 Resp: 160858
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 20.6 17.0 25.6

