

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136650.D
 Acq On : 20 Dec 2023 16:21
 Operator : CG\JU
 Sample : PB157585BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157585BL

Quant Time: Dec 21 02:16:42 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	6.793	152	79749	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	318917	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	169767	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	346145	20.000	ng	0.00
76) Chrysene-d12	13.963	240	232879	20.000	ng	0.00
86) Perylene-d12	15.439	264	182505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	622658	121.823	ng	0.02
7) Phenol-d6	6.440	99	777870	117.452	ng	0.00
23) Nitrobenzene-d5	7.351	82	500124	80.246	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	230982	115.527	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1001789	79.367	ng	0.00
79) Terphenyl-d14	12.916	244	1196432	71.796	ng	0.00

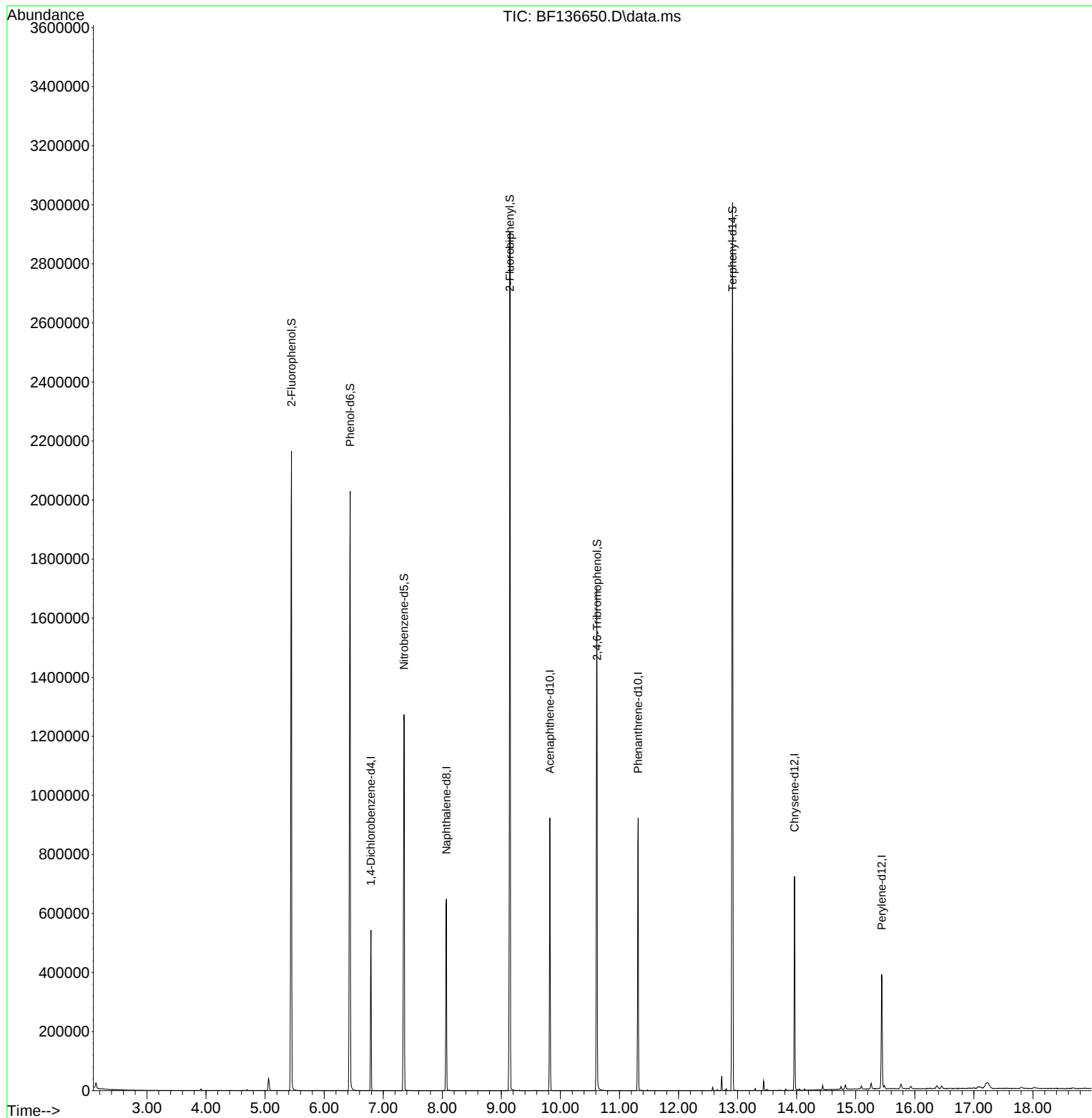
Target Compounds	Qvalue

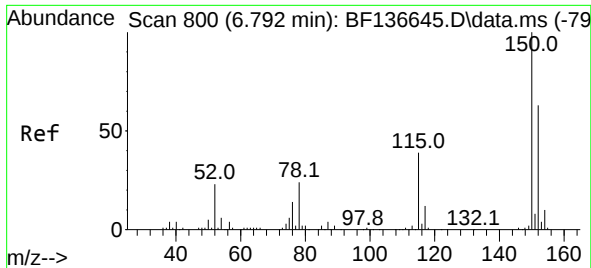
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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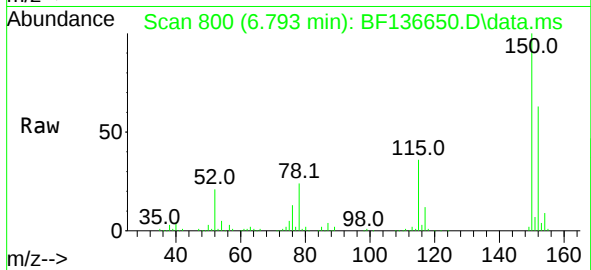
Quant Time: Dec 21 02:16:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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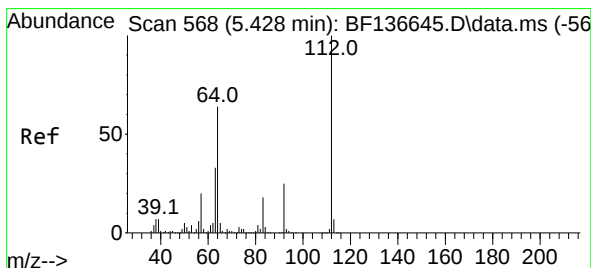
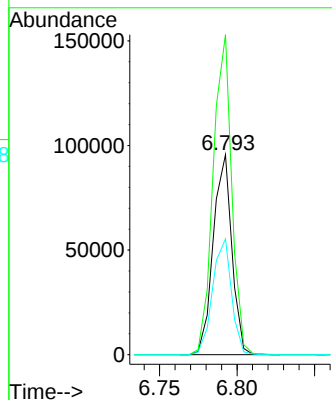
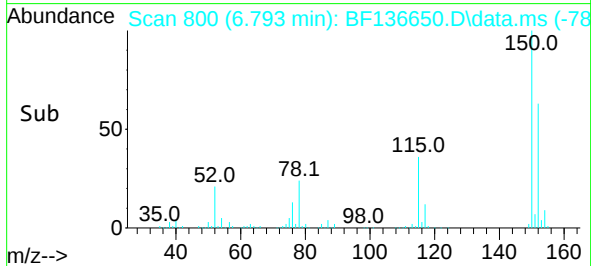


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21

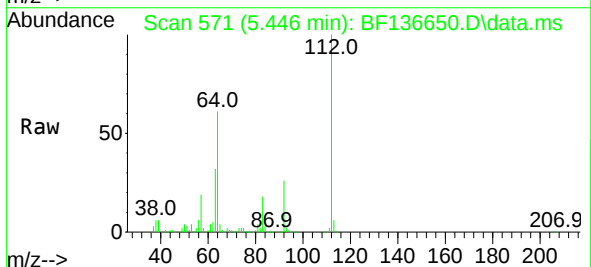
Instrument :
BNA_F
ClientSampleId :
PB157585BL



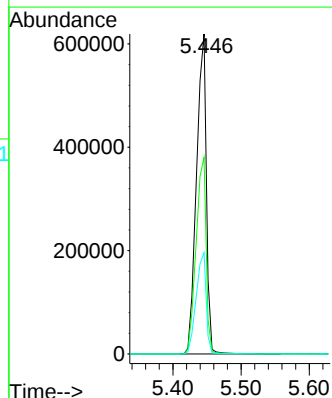
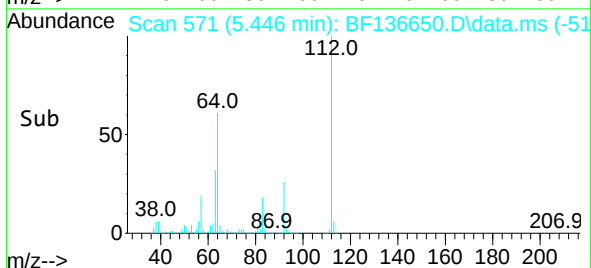
Tgt Ion:152 Resp: 79749
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 57.9 49.0 73.4

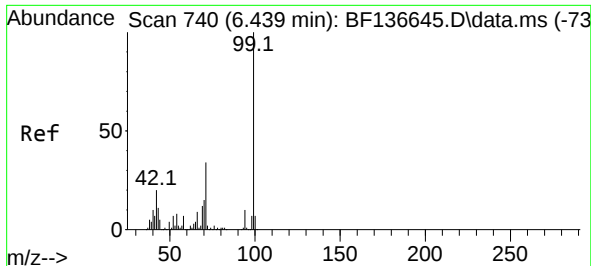


#5
2-Fluorophenol
Concen: 121.823 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21



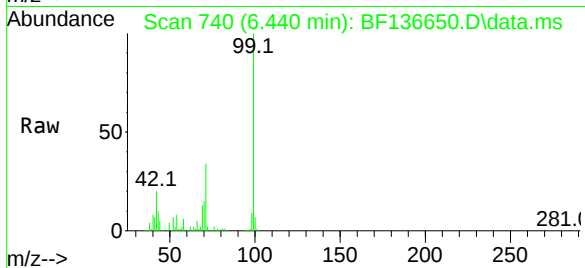
Tgt Ion:112 Resp: 622658
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 31.6 26.1 39.1



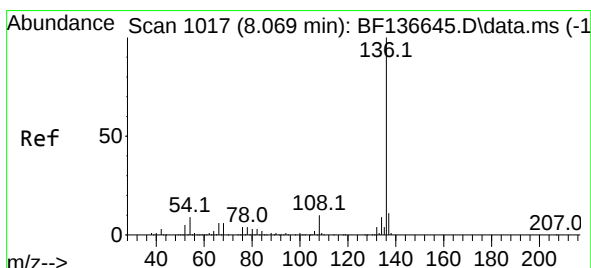
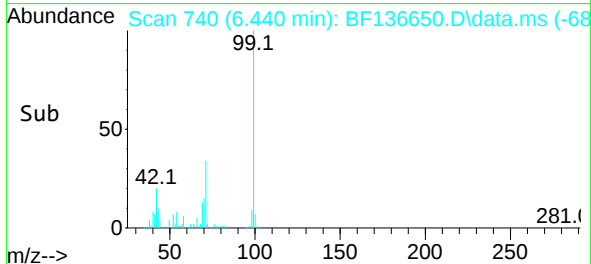
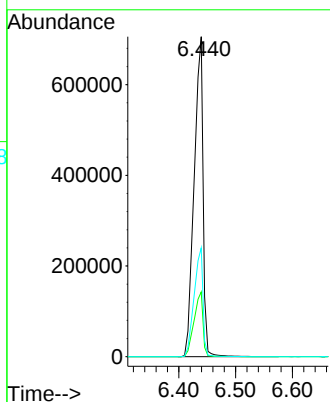


#7
Phenol-d6
Concen: 117.452 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21

Instrument :
BNA_F
ClientSampleId :
PB157585BL

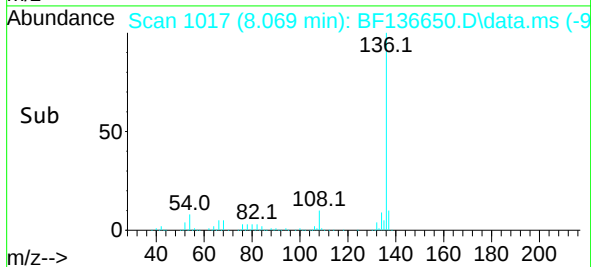
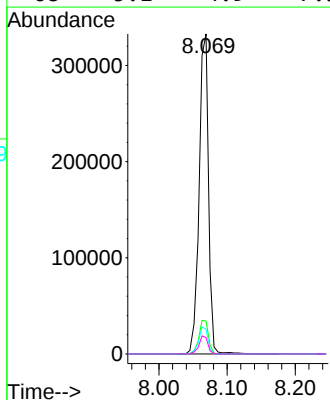
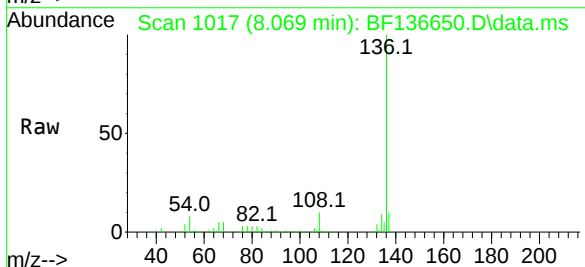


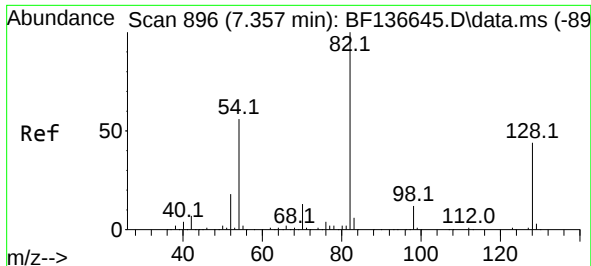
Tgt Ion: 99 Resp: 777870
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21

Tgt Ion: 136 Resp: 318917
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.8 7.2 10.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.246 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136650.D

Acq: 20 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB157585BL

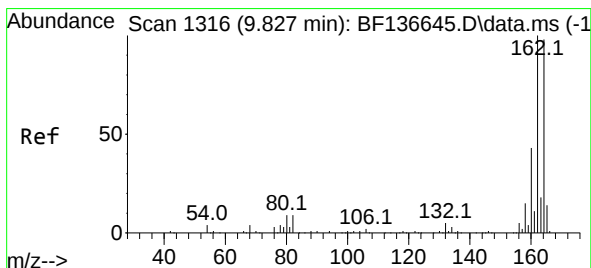
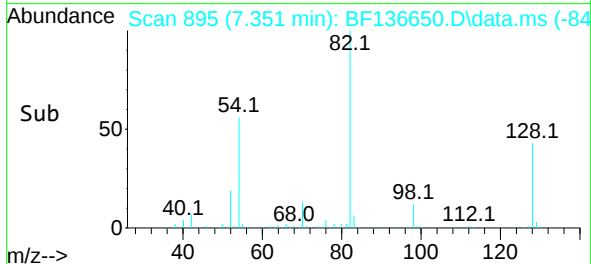
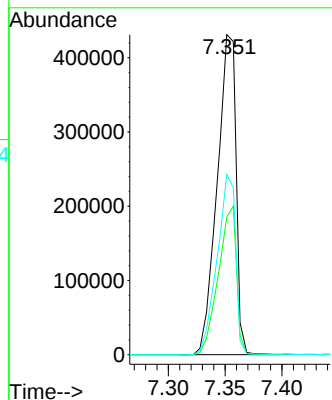
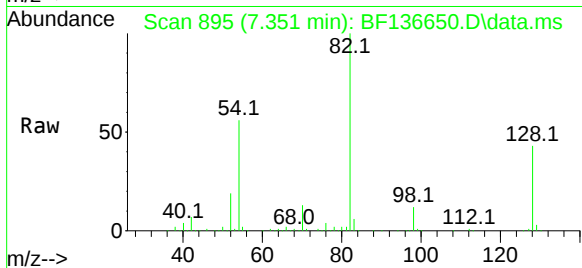
Tgt Ion: 82 Resp: 500124

Ion Ratio Lower Upper

82 100

128 43.0 35.3 52.9

54 56.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136650.D

Acq: 20 Dec 2023 16:21

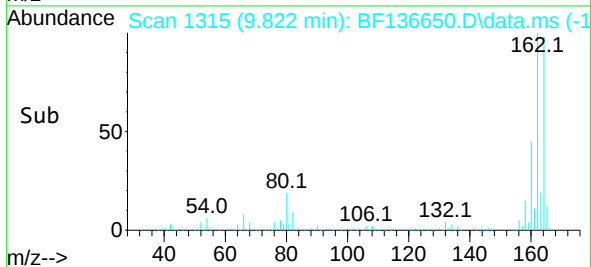
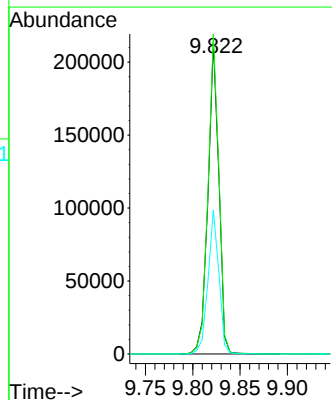
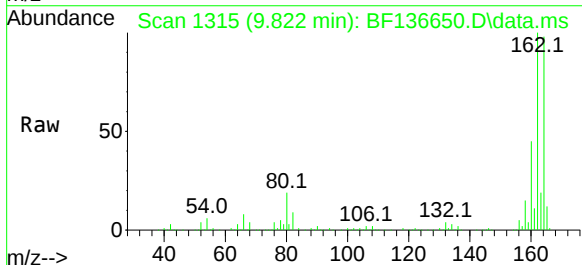
Tgt Ion:164 Resp: 169767

Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

160 46.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.527 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136650.D

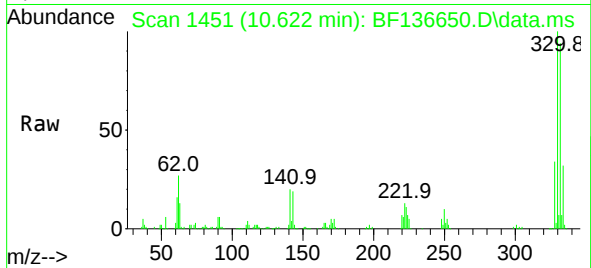
Acq: 20 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB157585BL



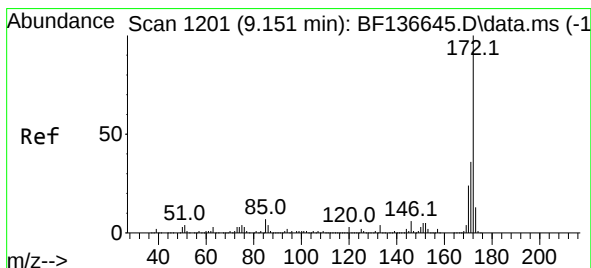
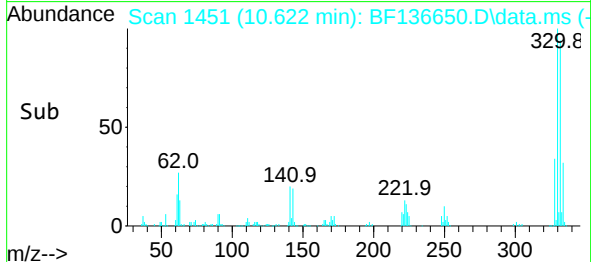
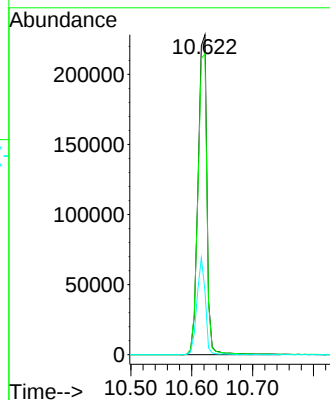
Tgt Ion:330 Resp: 230982

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.367 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136650.D

Acq: 20 Dec 2023 16:21

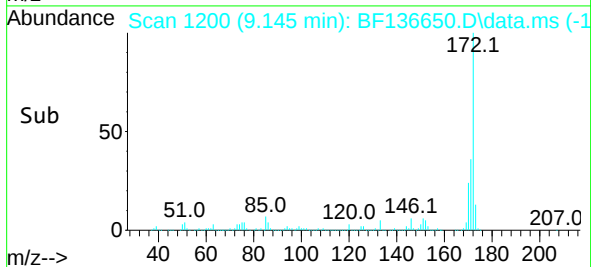
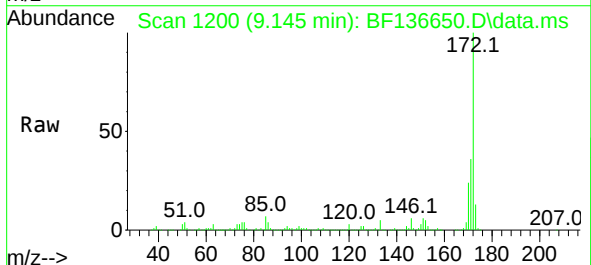
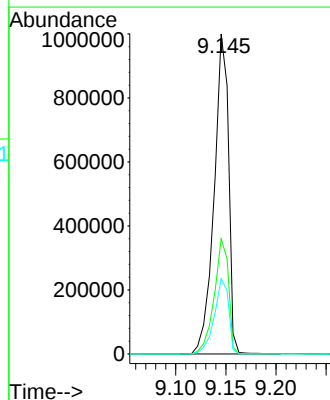
Tgt Ion:172 Resp: 1001789

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136650.D

Acq: 20 Dec 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB157585BL

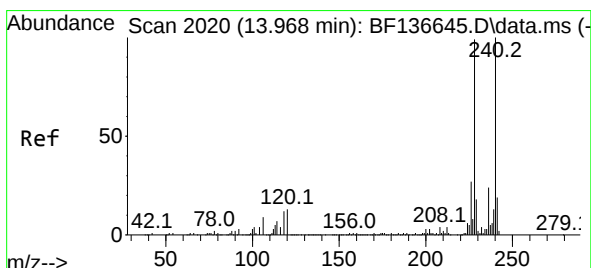
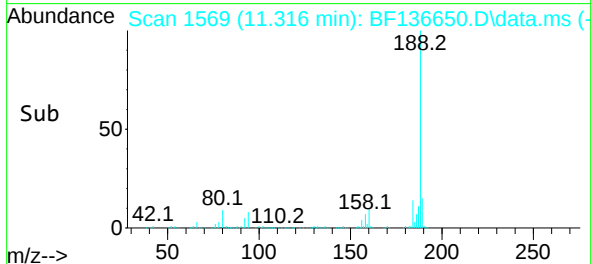
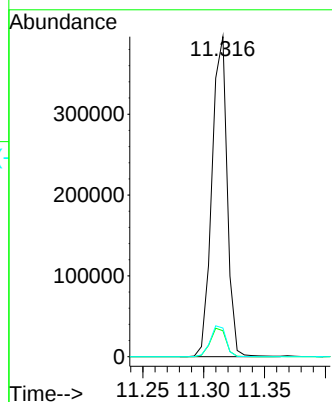
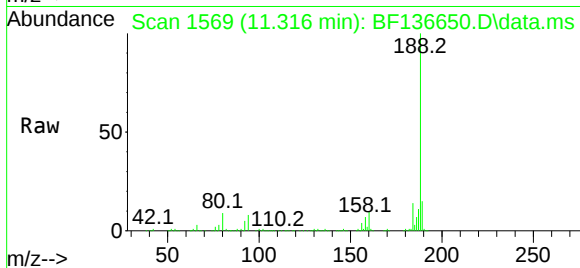
Tgt Ion:188 Resp: 346145

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136650.D

Acq: 20 Dec 2023 16:21

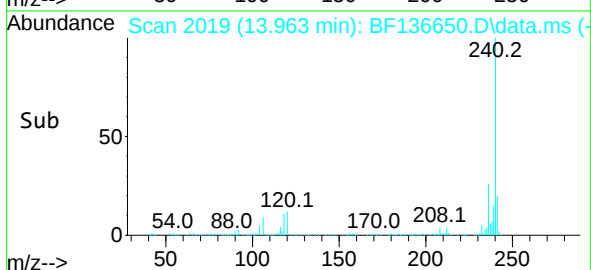
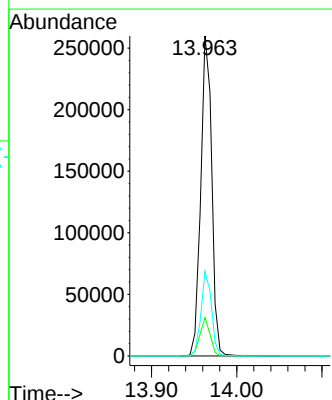
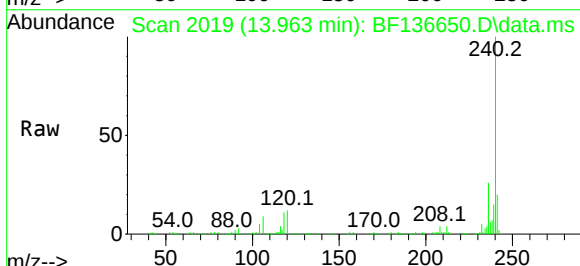
Tgt Ion:240 Resp: 232879

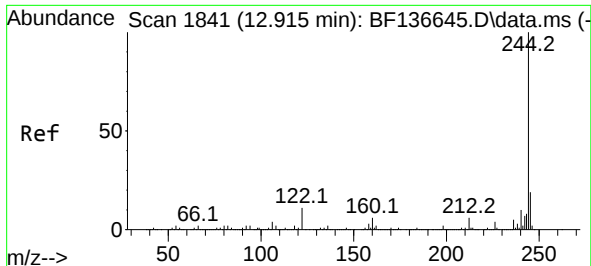
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

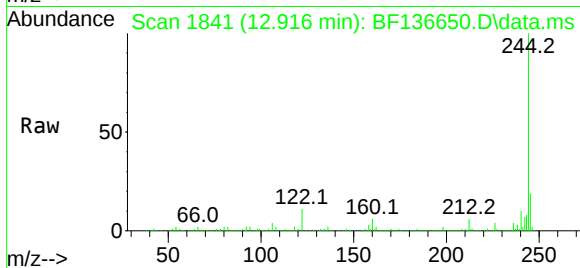
236 26.5 19.4 29.2



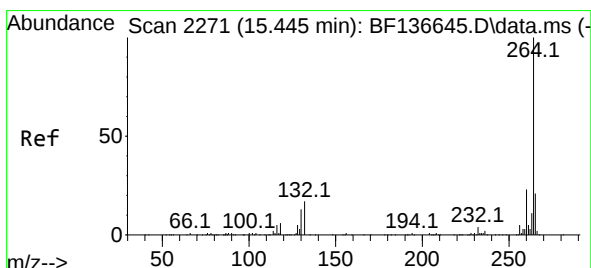
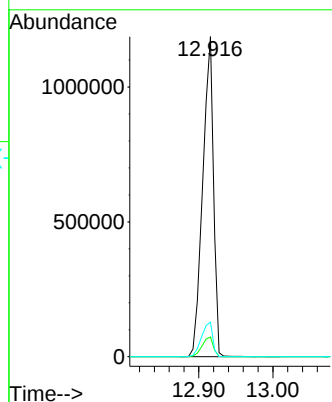
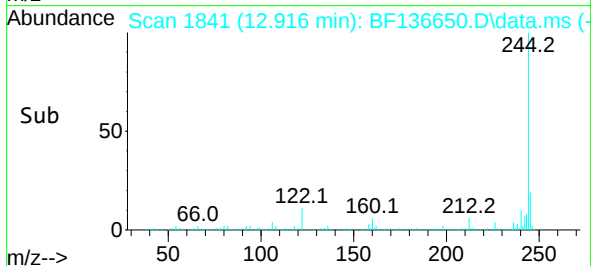


#79
Terphenyl-d14
Concen: 71.796 ng
RT: 12.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21

Instrument :
BNA_F
ClientSampleId :
PB157585BL



Tgt Ion:244 Resp: 1196432
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136650.D
Acq: 20 Dec 2023 16:21

Tgt Ion:264 Resp: 182505
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 22.7 17.0 25.6

