

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136655.D
 Acq On : 20 Dec 2023 19:05
 Operator : CG\JU
 Sample : PB157610BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BL

Quant Time: Dec 21 02:19:13 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	74808	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	298254	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	160282	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	332426	20.000	ng	0.00
76) Chrysene-d12	13.963	240	192686	20.000	ng	0.00
86) Perylene-d12	15.445	264	155908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	641016	133.698	ng	0.02
7) Phenol-d6	6.440	99	812233	130.741	ng	0.00
23) Nitrobenzene-d5	7.351	82	507358	87.047	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	239268	126.753	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1011829	84.906	ng	0.00
79) Terphenyl-d14	12.916	244	1196847	86.802	ng	0.00

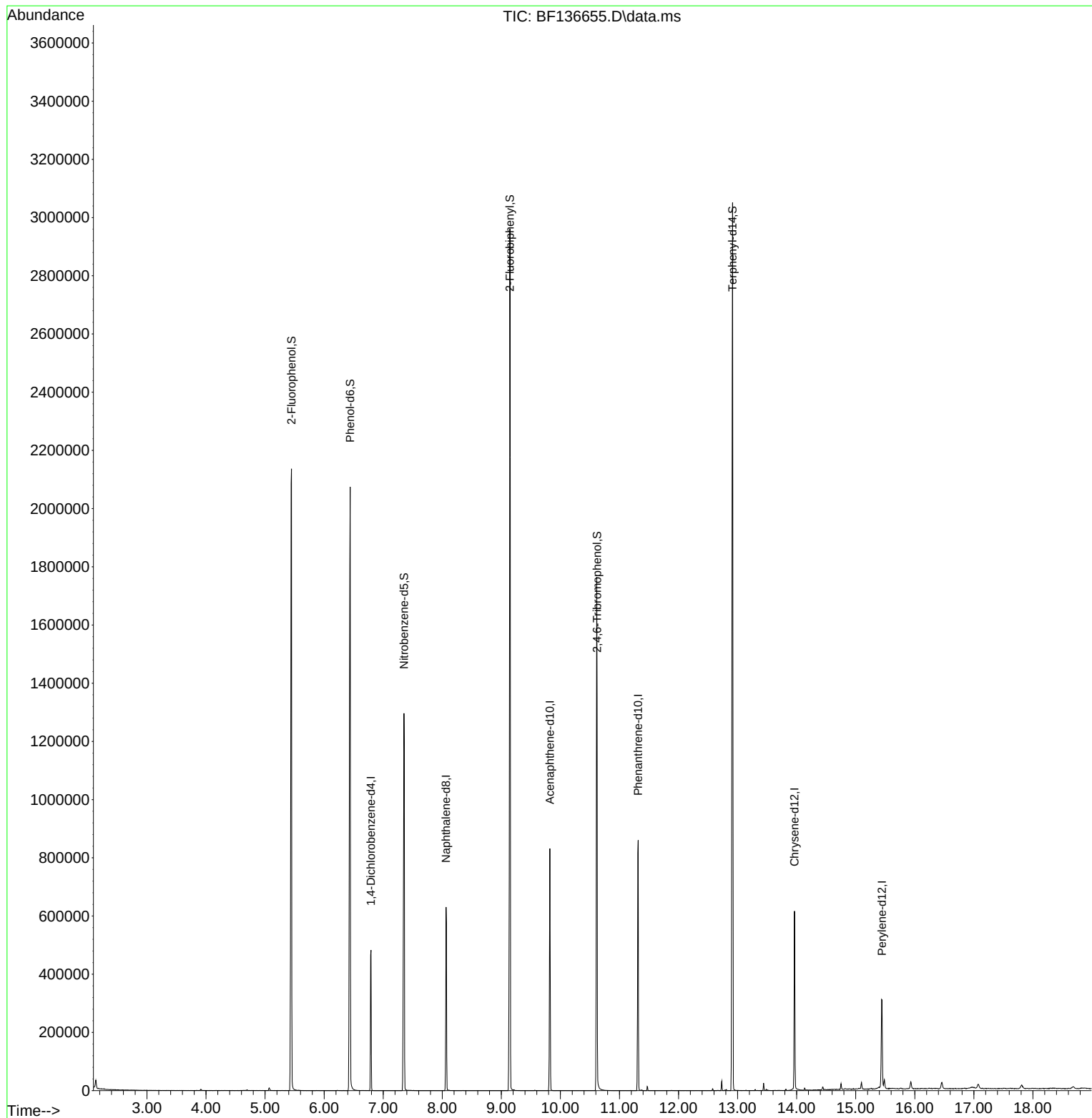
Target Compounds	Qvalue

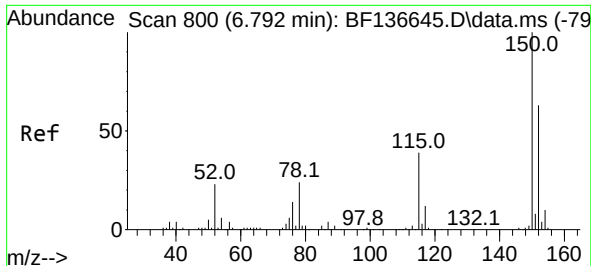
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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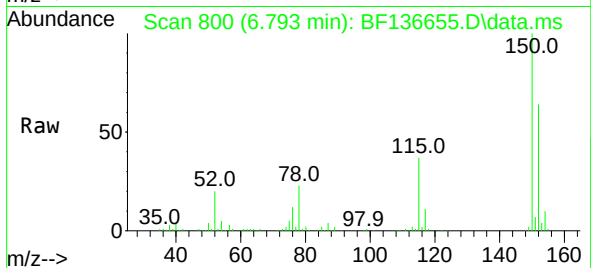
Quant Time: Dec 21 02:19:13 2023
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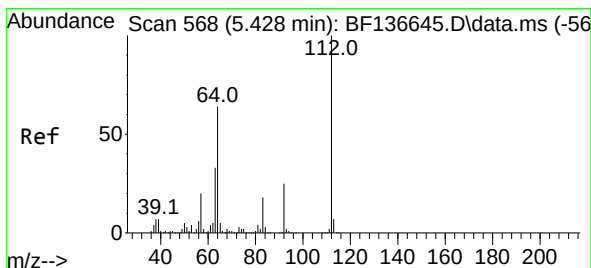
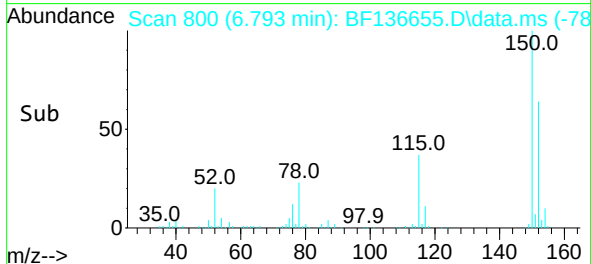
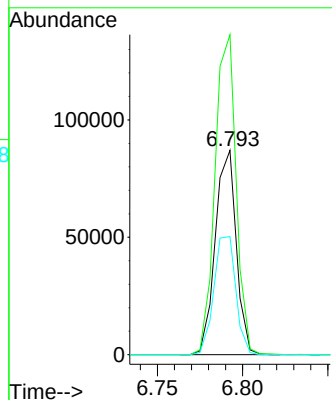


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF136655.D
Acq: 20 Dec 2023 19:05

Instrument :
BNA_F
ClientSampleId :
PB157610BL

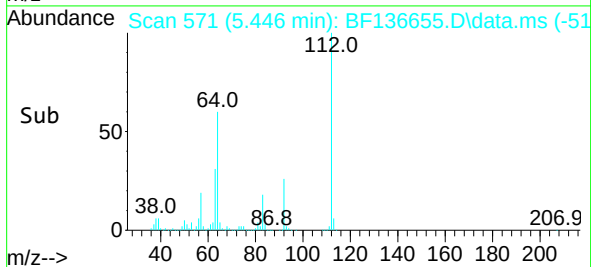
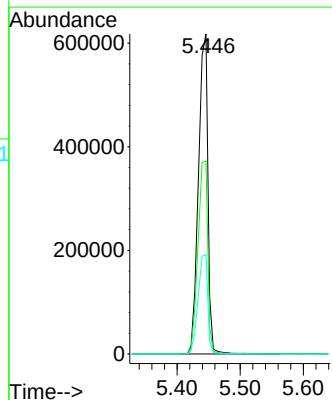
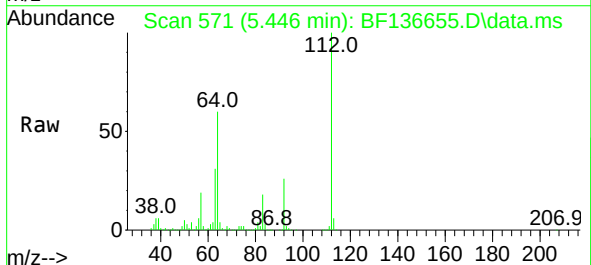


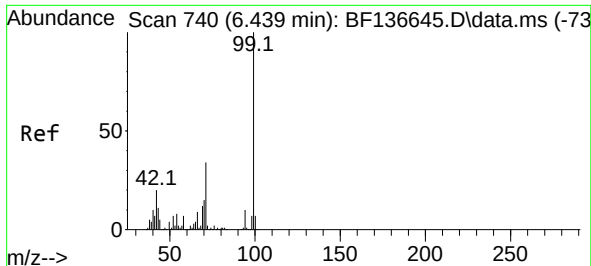
Tgt Ion:152 Resp: 74808
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 133.698 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136655.D
Acq: 20 Dec 2023 19:05

Tgt Ion:112 Resp: 641016
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 31.1 26.1 39.1

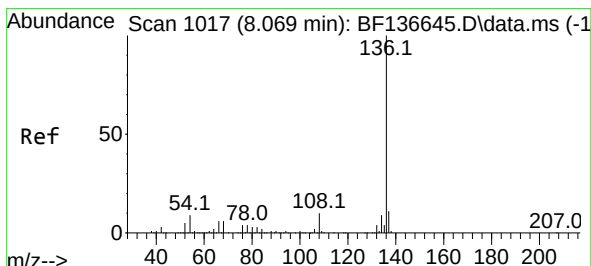
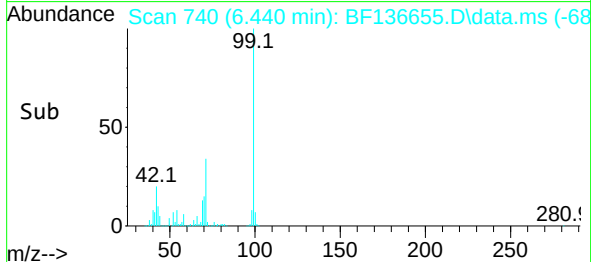
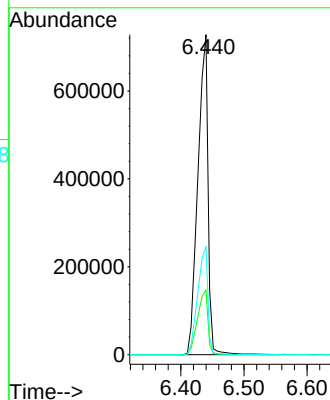
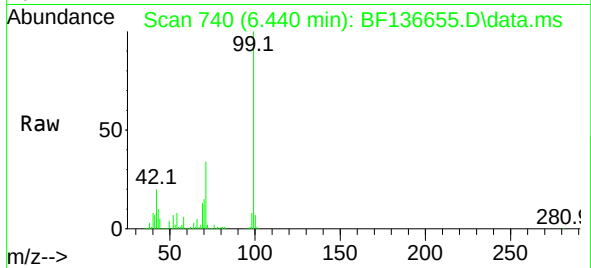




#7
Phenol-d6
Concen: 130.741 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136655.D
Acq: 20 Dec 2023 19:05

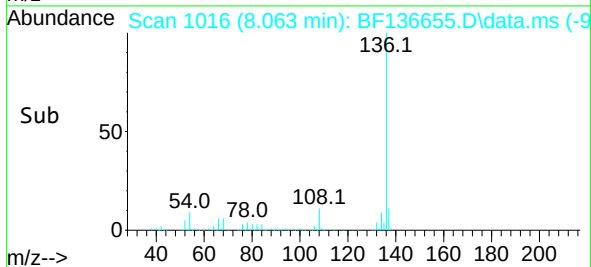
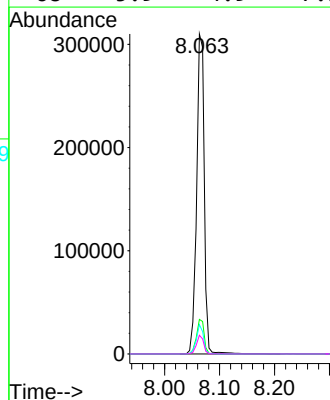
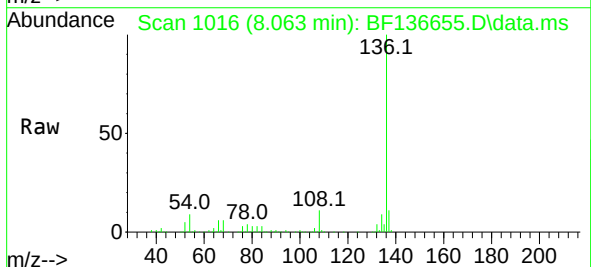
Instrument :
BNA_F
ClientSampleId :
PB157610BL

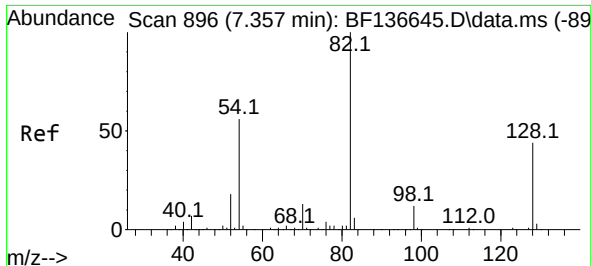
Tgt Ion: 99 Resp: 812233
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136655.D
Acq: 20 Dec 2023 19:05

Tgt Ion: 136 Resp: 298254
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.2 7.2 10.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 87.047 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136655.D

Acq: 20 Dec 2023 19:05

Instrument :

BNA_F

ClientSampleId :

PB157610BL

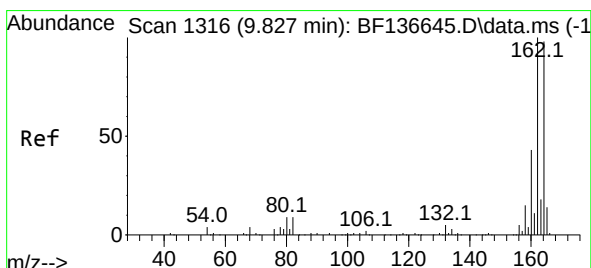
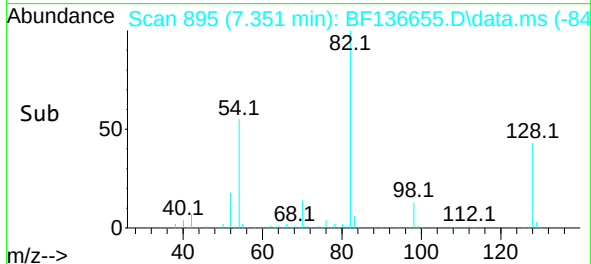
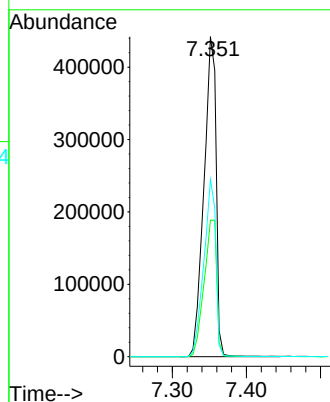
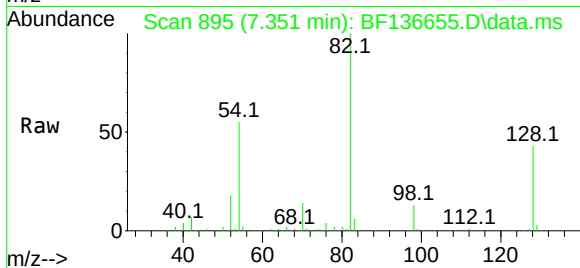
Tgt Ion: 82 Resp: 507358

Ion Ratio Lower Upper

82 100

128 42.7 35.3 52.9

54 55.4 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: BF136655.D

Acq: 20 Dec 2023 19:05

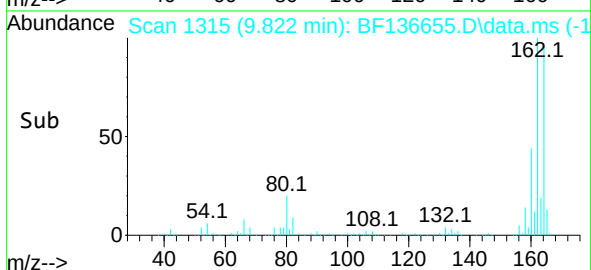
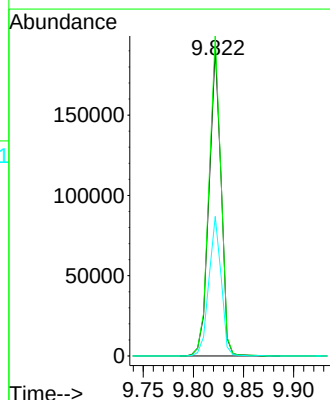
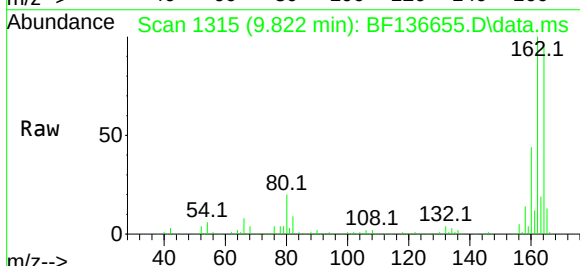
Tgt Ion:164 Resp: 160282

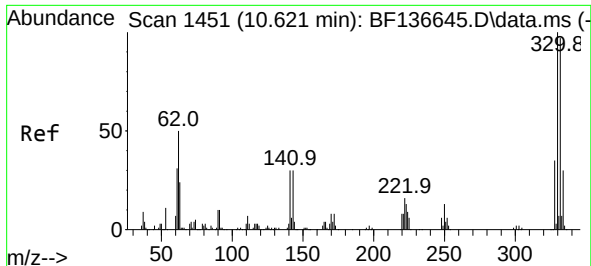
Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

160 45.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 126.753 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136655.D

Acq: 20 Dec 2023 19:05

Instrument :

BNA_F

ClientSampleId :

PB157610BL

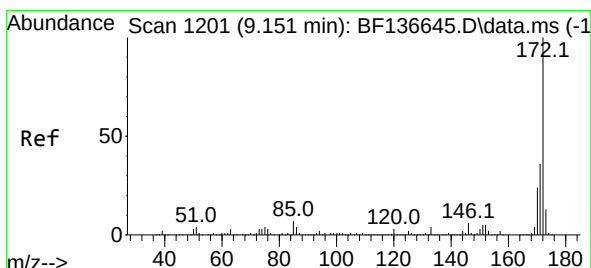
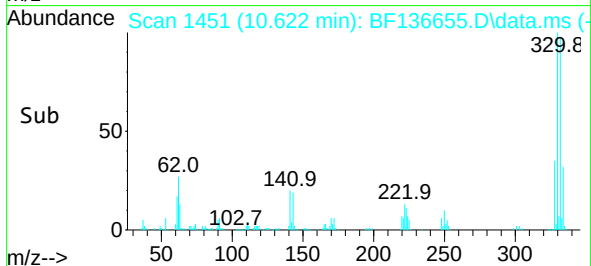
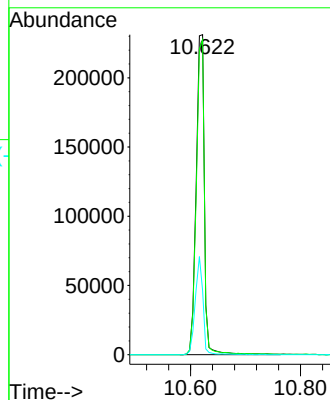
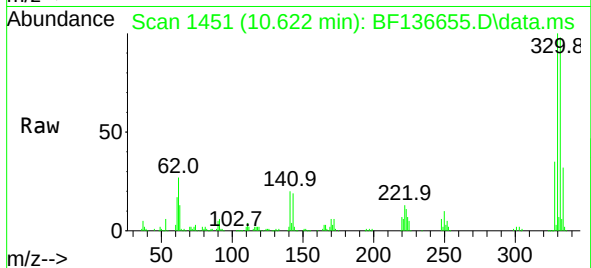
Tgt Ion:330 Resp: 239268

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.906 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136655.D

Acq: 20 Dec 2023 19:05

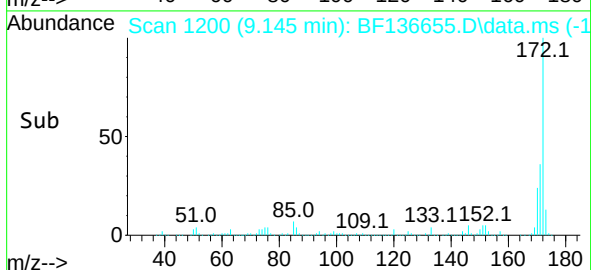
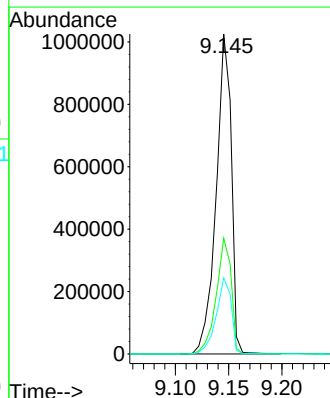
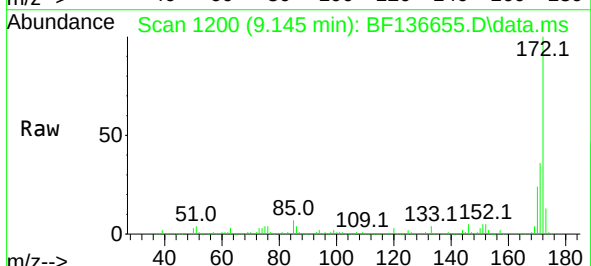
Tgt Ion:172 Resp: 1011829

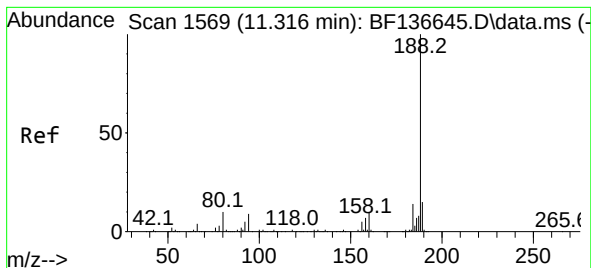
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136655.D

Acq: 20 Dec 2023 19:05

Instrument :

BNA_F

ClientSampleId :

PB157610BL

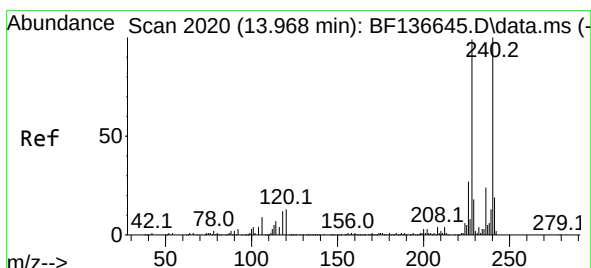
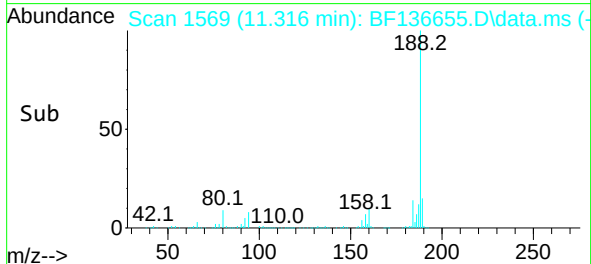
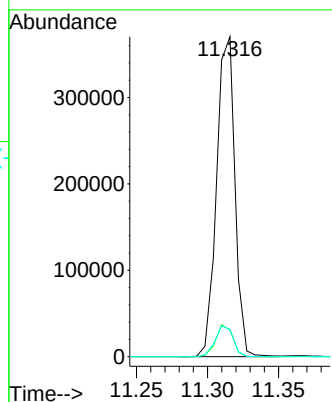
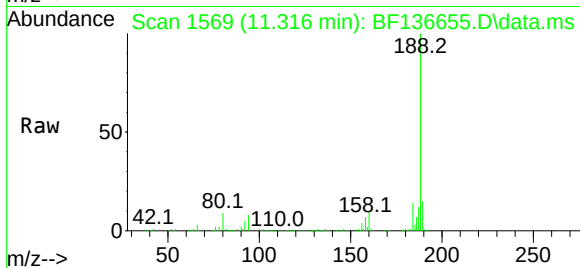
Tgt Ion:188 Resp: 332426

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 8.5 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: BF136655.D

Acq: 20 Dec 2023 19:05

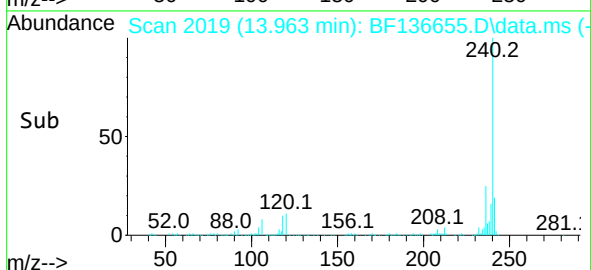
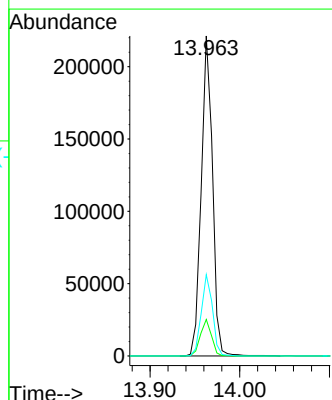
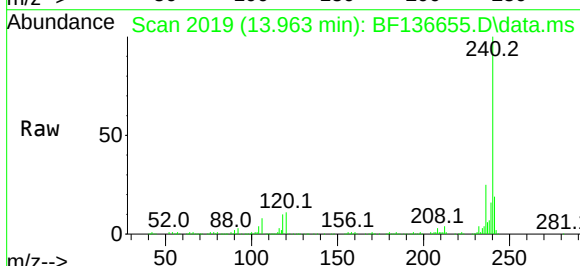
Tgt Ion:240 Resp: 192686

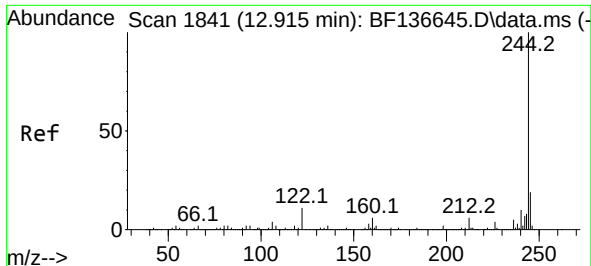
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

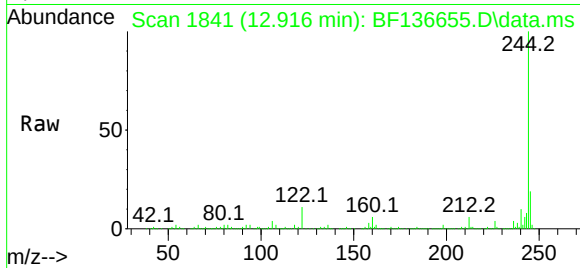
236 25.4 19.4 29.2





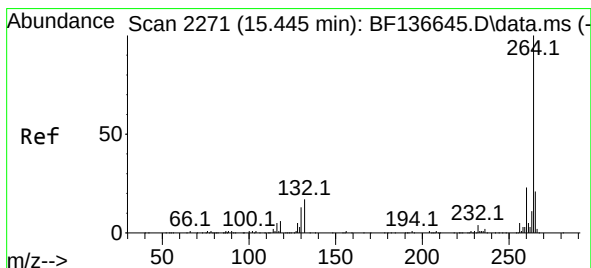
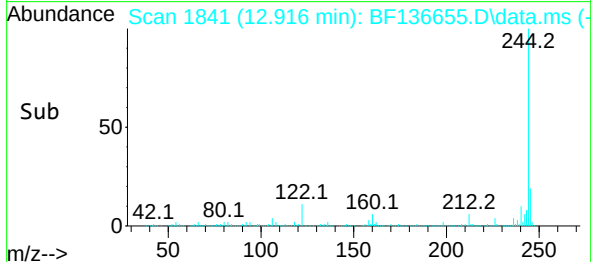
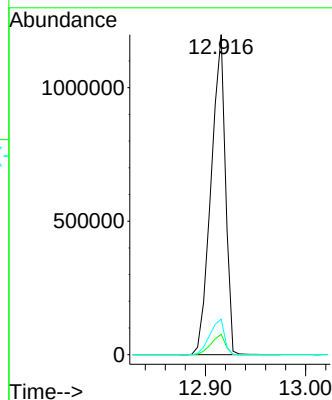
#79
 Terphenyl-d14
 Concen: 86.802 ng
 RT: 12.916 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136655.D
 Acq: 20 Dec 2023 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BL



Tgt Ion:244 Resp: 1196847

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	11.1	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: BF136655.D
 Acq: 20 Dec 2023 19:05

Tgt Ion:264 Resp: 155908

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	20.9	17.0	25.6

