

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136656.D
 Acq On : 20 Dec 2023 19:37
 Operator : CG\JU
 Sample : PB157565BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BL

Quant Time: Dec 21 02:19:25 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	6.792	152	73364	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	298394	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	161723	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	336477	20.000	ng	0.00
76) Chrysene-d12	13.963	240	208466	20.000	ng	0.00
86) Perylene-d12	15.439	264	167430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	643575	136.874	ng	0.02
7) Phenol-d6	6.440	99	816653	134.040	ng	0.00
23) Nitrobenzene-d5	7.351	82	500679	85.861	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	236687	124.268	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1002311	83.358	ng	0.00
79) Terphenyl-d14	12.916	244	1205952	80.842	ng	0.00

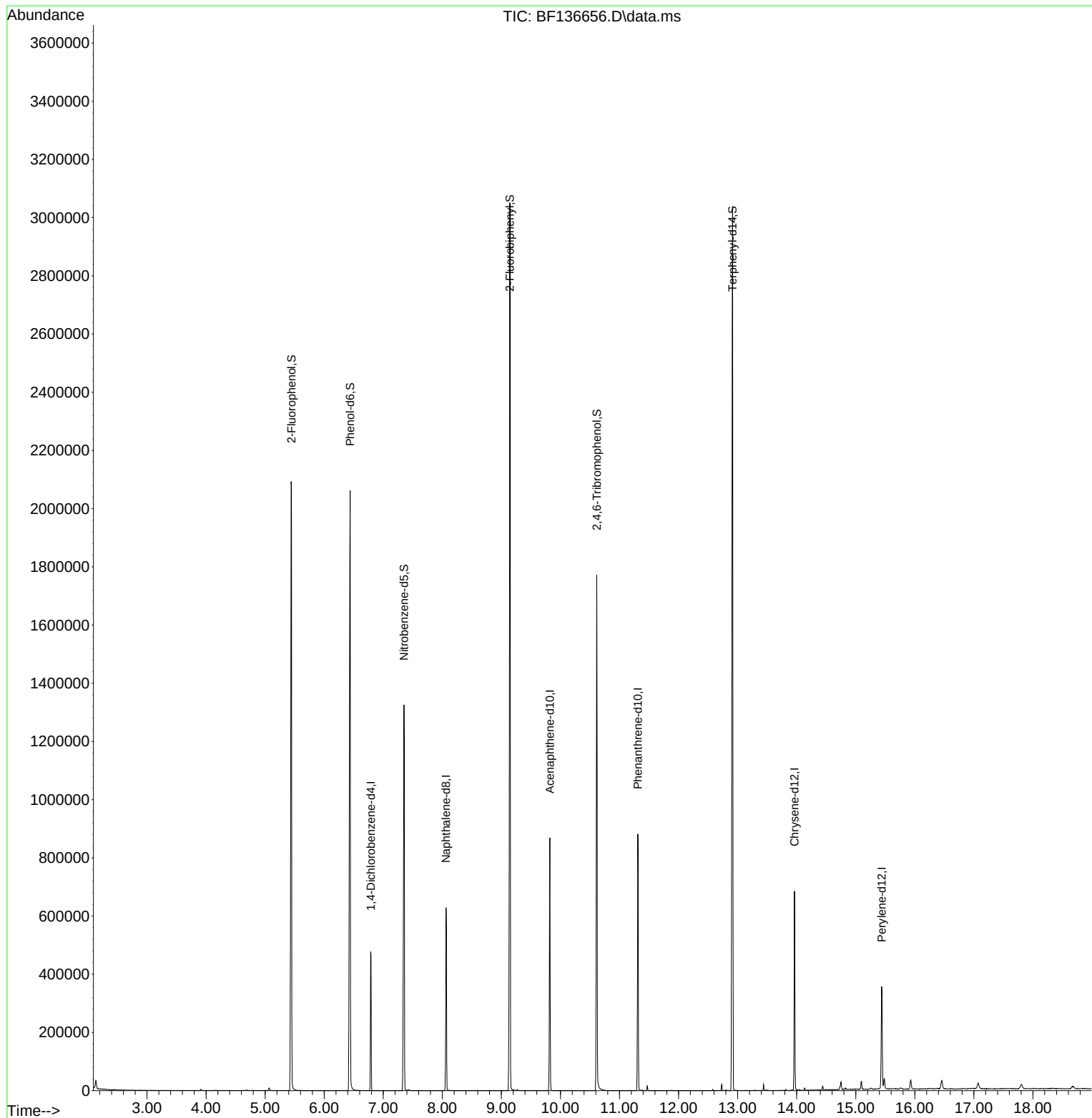
Target Compounds	Qvalue

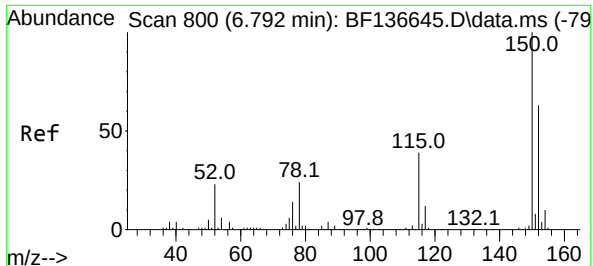
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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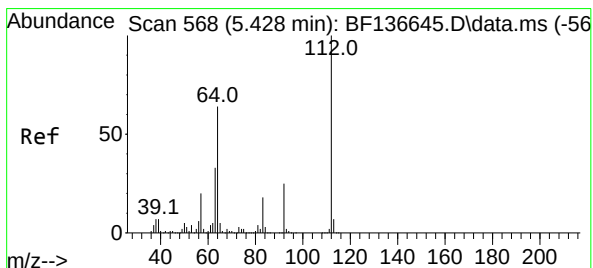
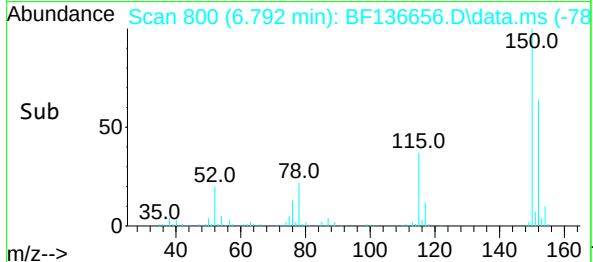
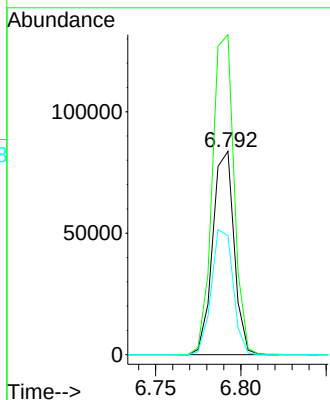
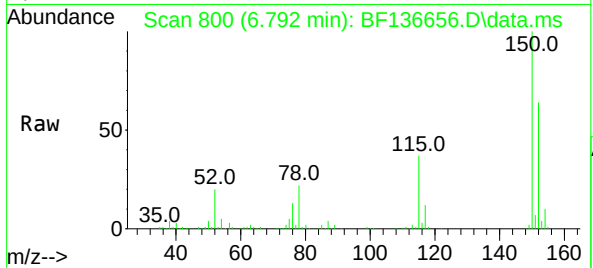




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF136656.D
 Acq: 20 Dec 2023 19:37

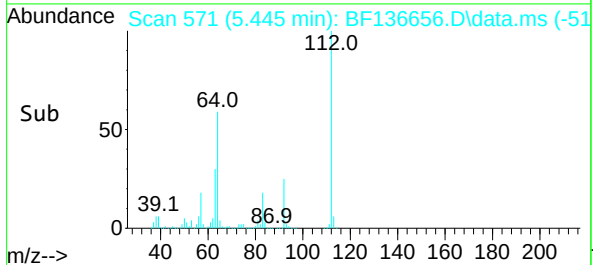
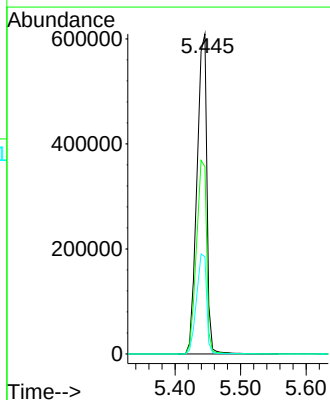
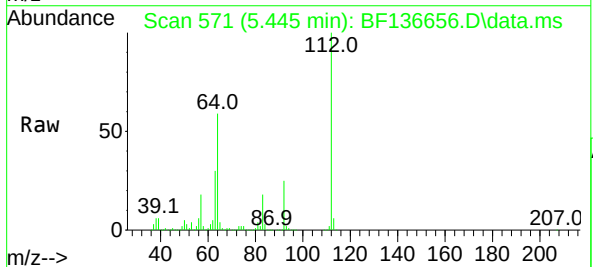
Instrument :
 BNA_F
 ClientSampleId :
 PB157565BL

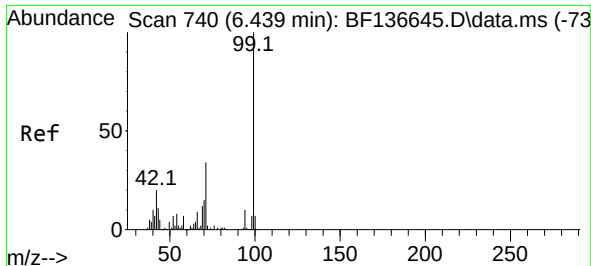
Tgt Ion:152 Resp: 73364
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.0 190.6
 115 58.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 136.874 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF136656.D
 Acq: 20 Dec 2023 19:37

Tgt Ion:112 Resp: 643575
 Ion Ratio Lower Upper
 112 100
 64 58.6 51.1 76.7
 63 30.3 26.1 39.1

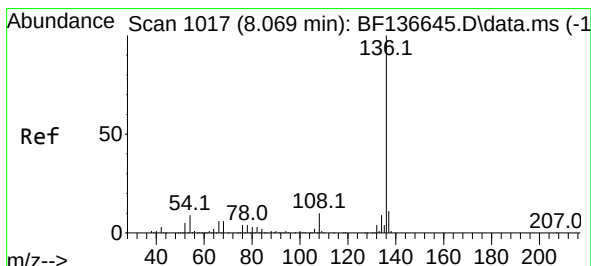
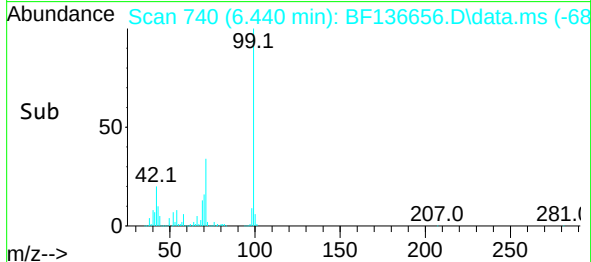
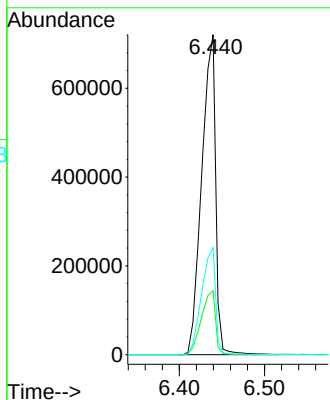
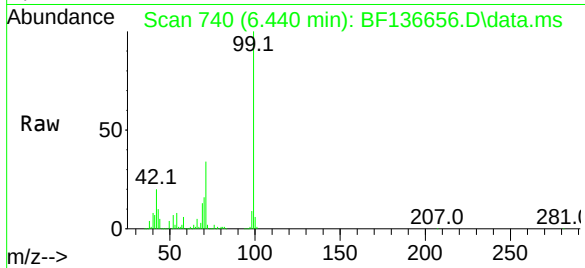




#7
Phenol-d6
Concen: 134.040 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

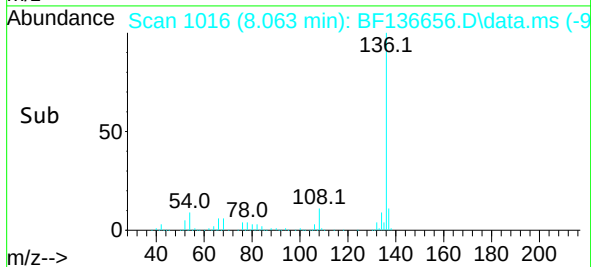
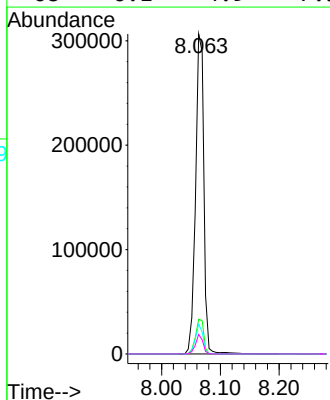
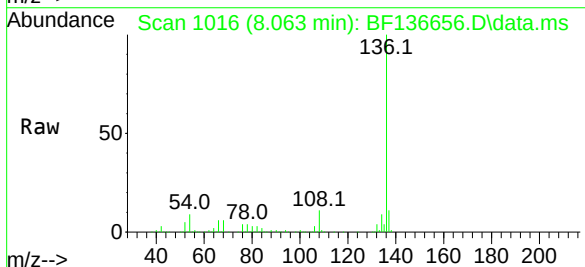
Instrument :
BNA_F
ClientSampleId :
PB157565BL

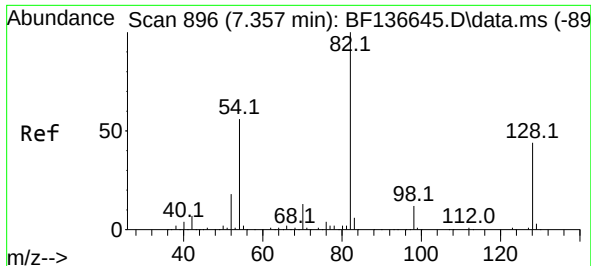
Tgt Ion: 99 Resp: 816653
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion: 136 Resp: 298394
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.3 7.2 10.8
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.861 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136656.D

Acq: 20 Dec 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB157565BL

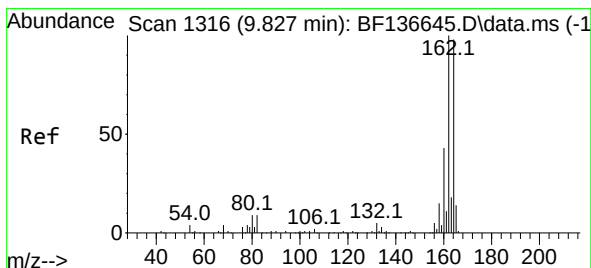
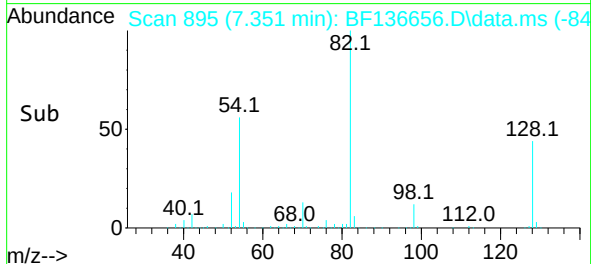
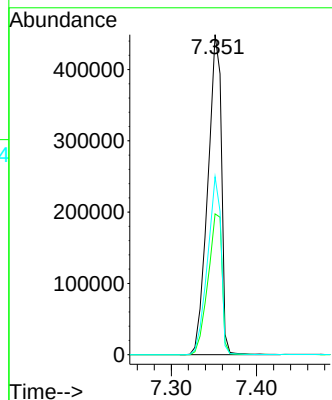
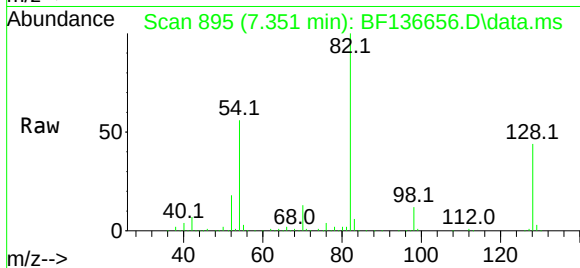
Tgt Ion: 82 Resp: 500679

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.6 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: BF136656.D

Acq: 20 Dec 2023 19:37

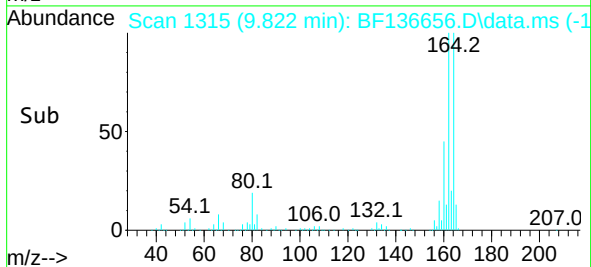
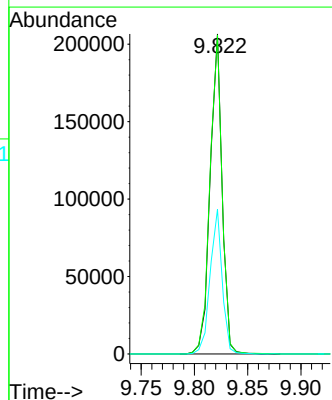
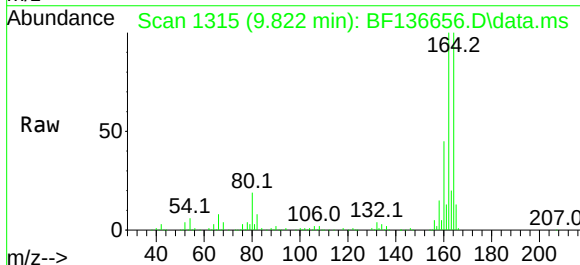
Tgt Ion:164 Resp: 161723

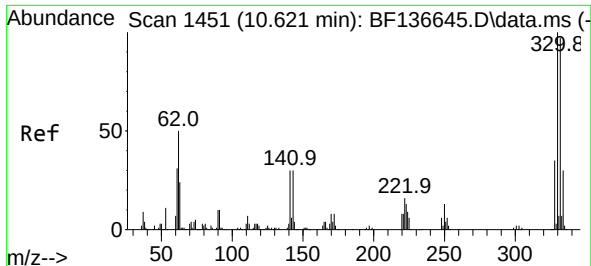
Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

160 45.2 34.9 52.3

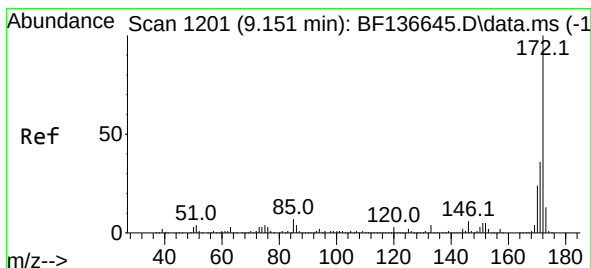
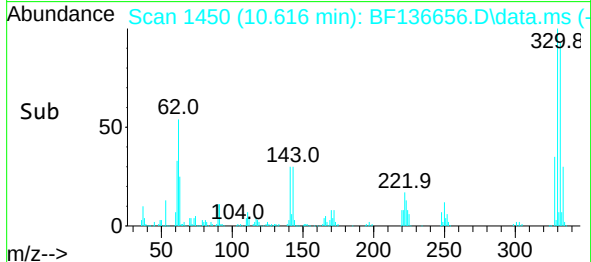
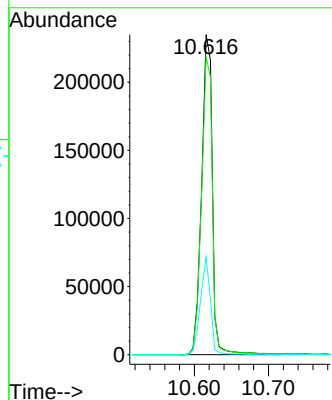
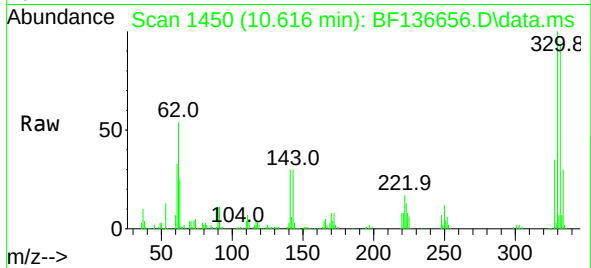




#42
2,4,6-Tribromophenol
Concen: 124.268 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

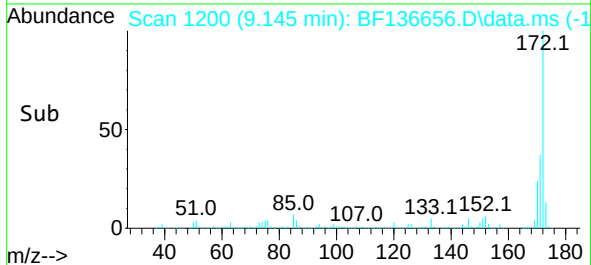
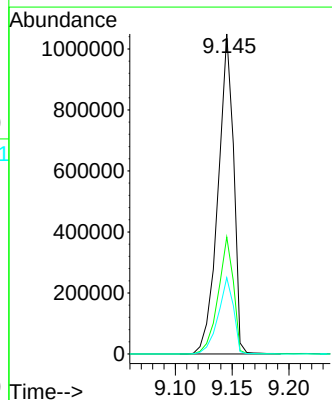
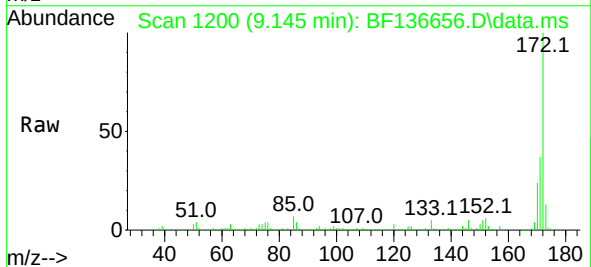
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BNA_F
ClientSampleId :
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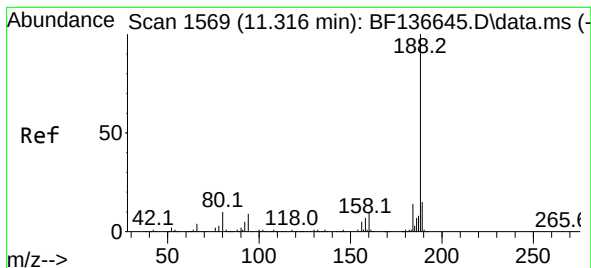
Tgt Ion:330 Resp: 236687
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.358 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136656.D
Acq: 20 Dec 2023 19:37

Tgt Ion:172 Resp: 1002311
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.9 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: BF136656.D

Acq: 20 Dec 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB157565BL

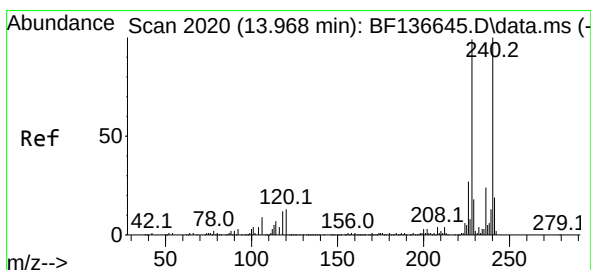
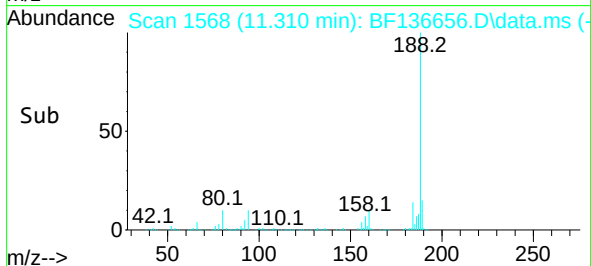
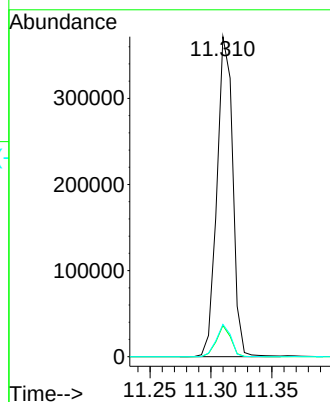
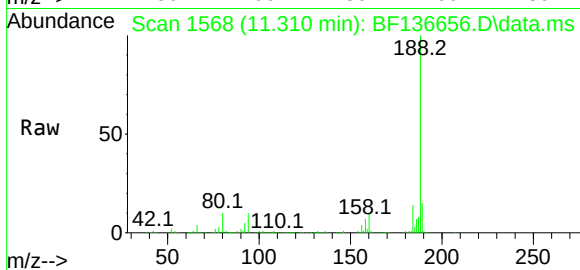
Tgt Ion:188 Resp: 336477

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.1 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: BF136656.D

Acq: 20 Dec 2023 19:37

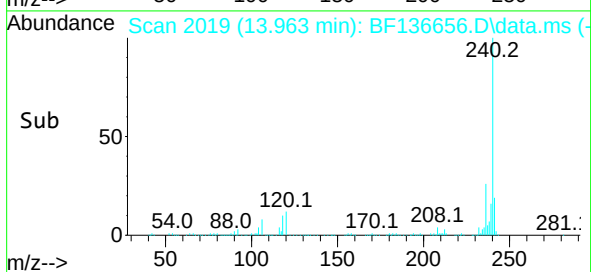
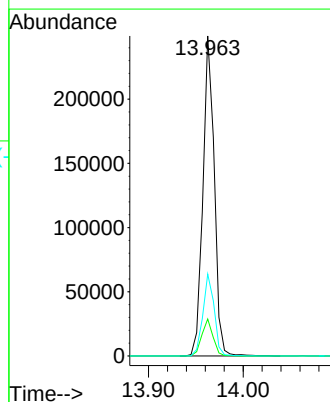
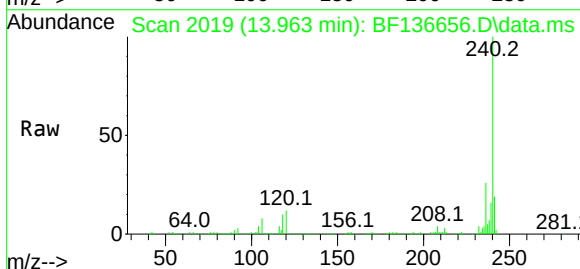
Tgt Ion:240 Resp: 208466

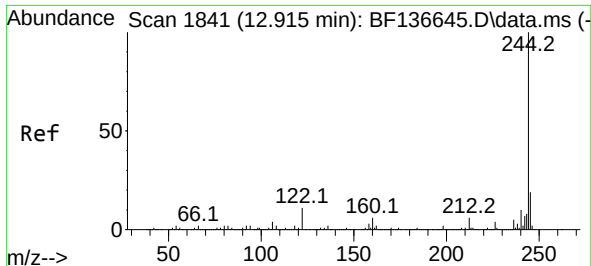
Ion Ratio Lower Upper

240 100

120 11.6 10.3 15.5

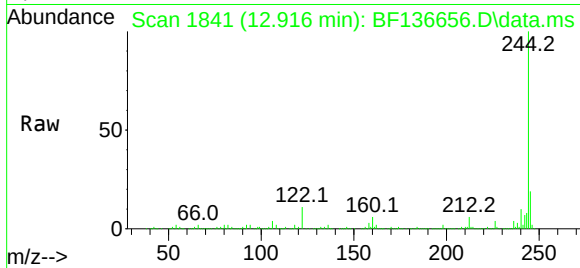
236 25.6 19.4 29.2



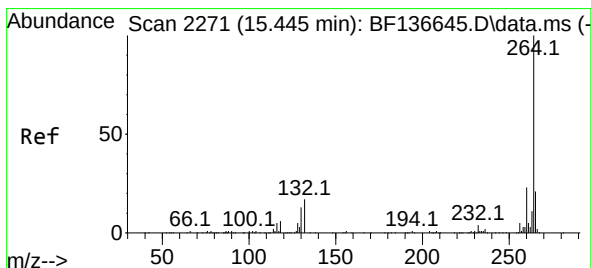
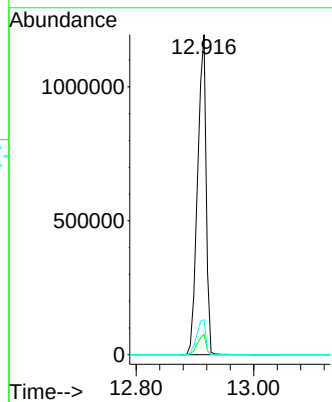
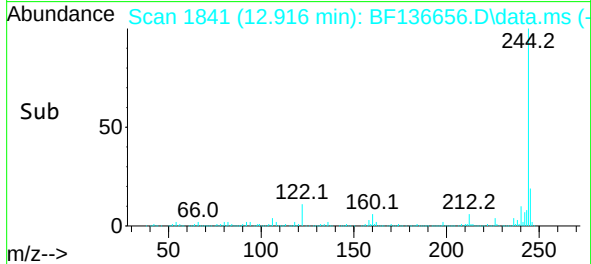


#79
 Terphenyl-d14
 Concen: 80.842 ng
 RT: 12.916 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136656.D
 Acq: 20 Dec 2023 19:37

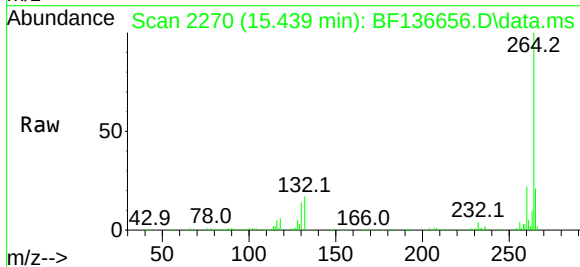
Instrument :
 BNA_F
 ClientSampleId :
 PB157565BL



Tgt Ion:244 Resp: 1205952
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.9 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: BF136656.D
 Acq: 20 Dec 2023 19:37



Tgt Ion:264 Resp: 167430
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.3 27.5
 265 20.6 17.0 25.6

