

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136912.D
 Acq On : 03 Jan 2024 17:37
 Operator : CG\JU
 Sample : PB157954BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157954BL

Quant Time: Jan 04 01:56:32 2024
 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	83817	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	329624	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	174749	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	354055	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	246581	20.000	ng	0.00
86) Perylene-d12	15.445	264	188957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	779574	145.121	ng	0.00
7) Phenol-d6	6.434	99	972952	139.778	ng	0.00
23) Nitrobenzene-d5	7.345	82	615069	95.484	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291263	141.523	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1203971	92.666	ng	-0.01
79) Terphenyl-d14	12.910	244	1461517	82.830	ng	0.00

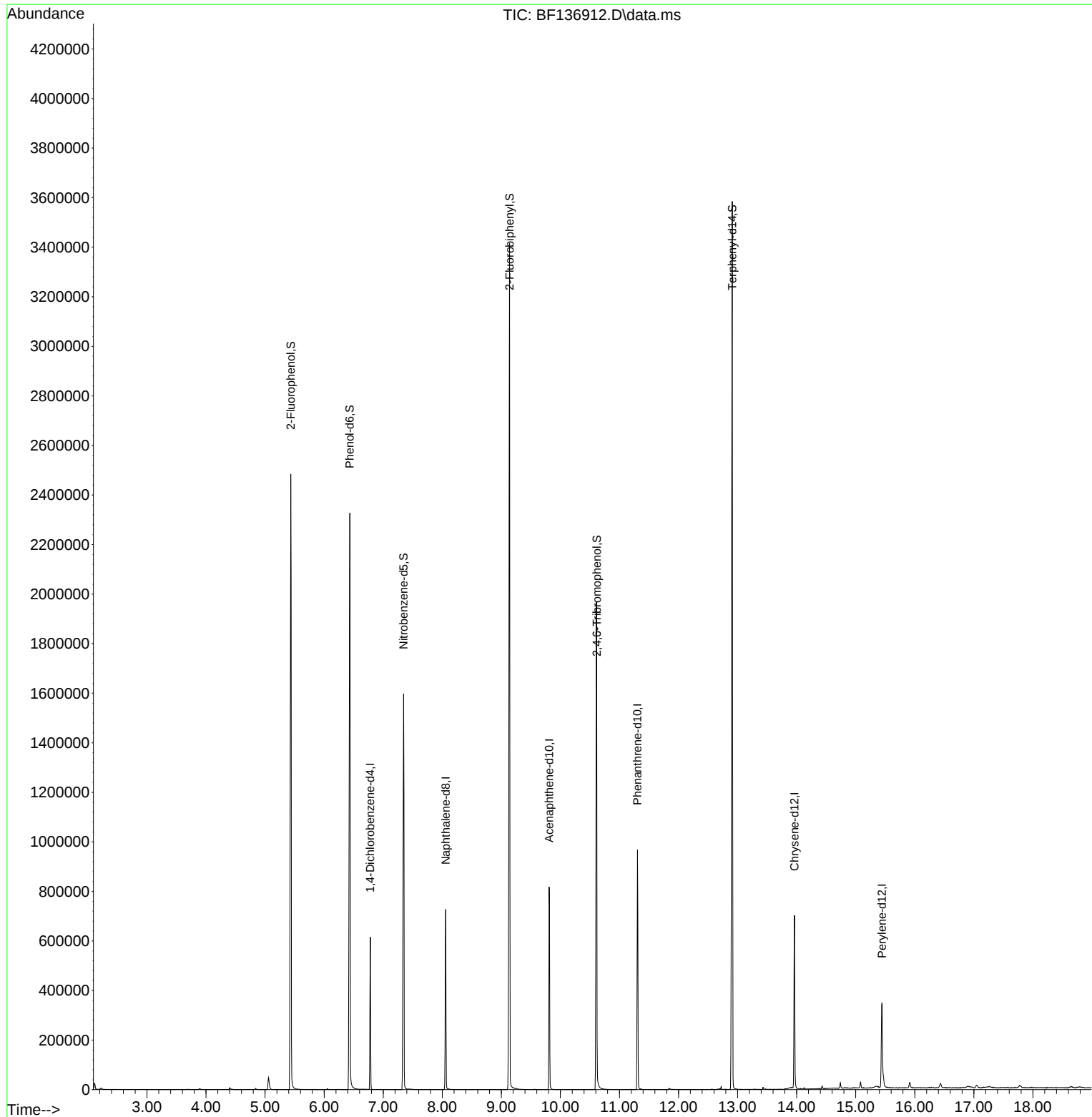
Target Compounds	Qvalue

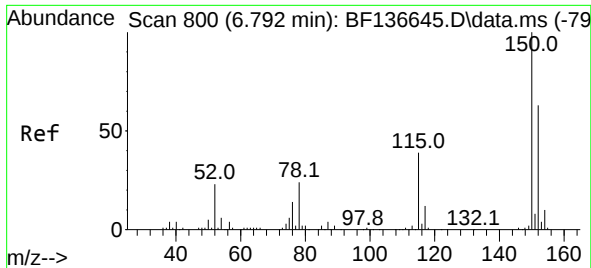
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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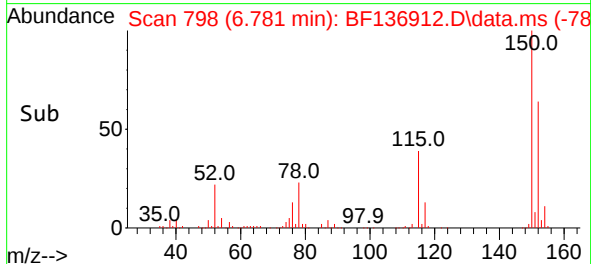
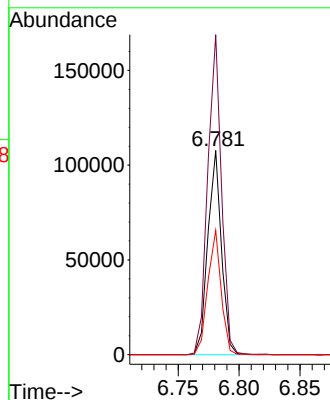
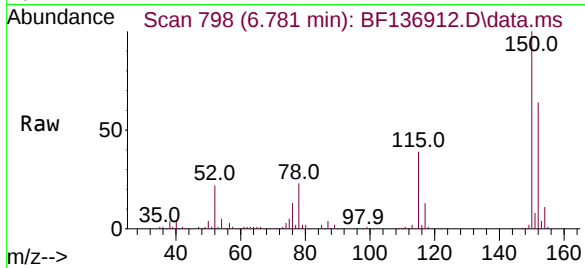




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

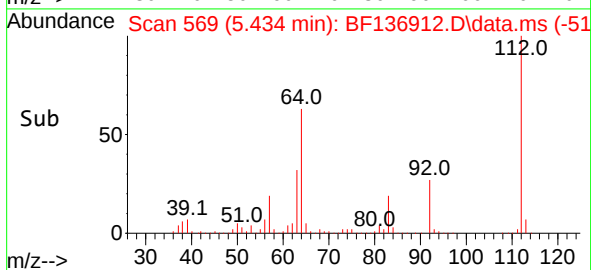
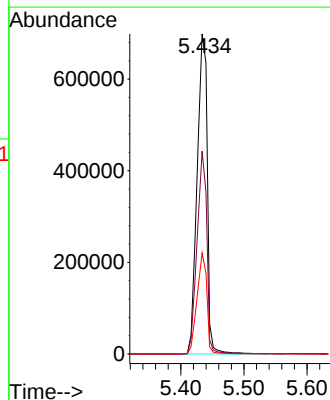
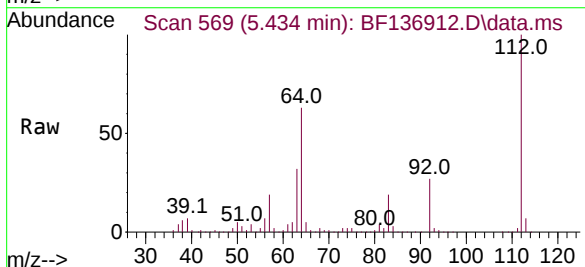
Instrument :
BNA_F
ClientSampleId :
PB157954BL

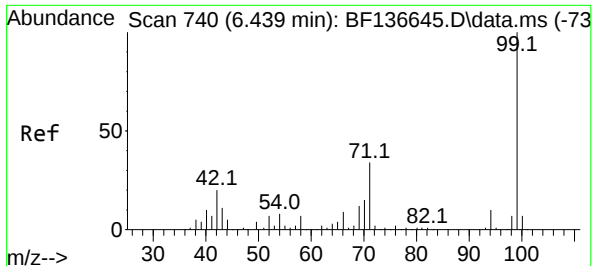
Tgt Ion:152 Resp: 83817
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 145.121 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Tgt Ion:112 Resp: 779574
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.6 26.1 39.1

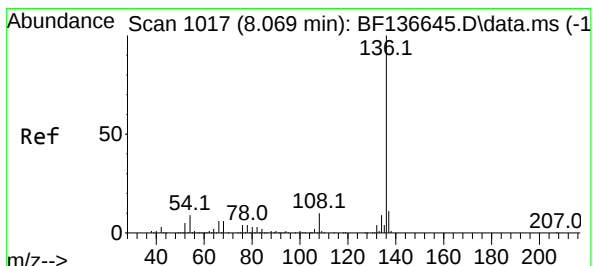
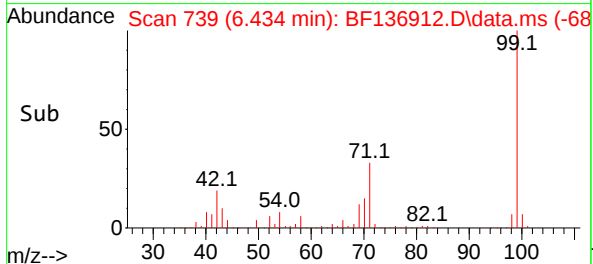
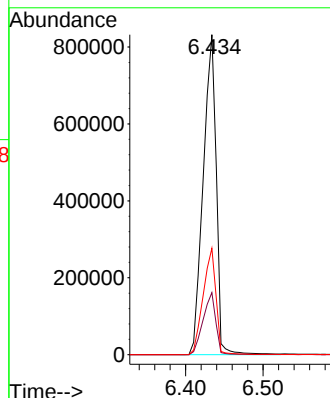
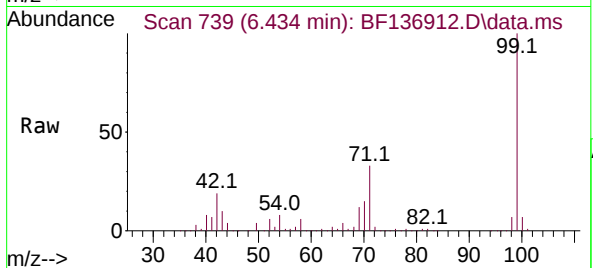




#7
Phenol-d6
Concen: 139.778 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

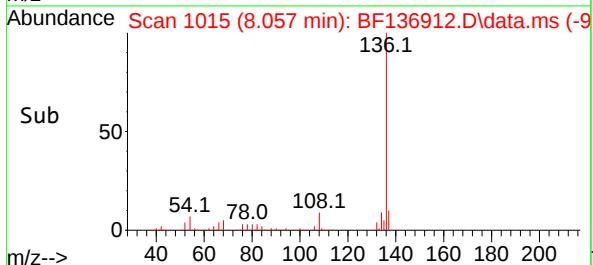
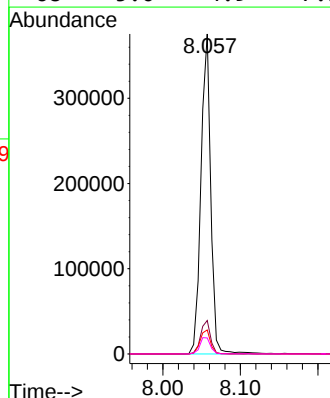
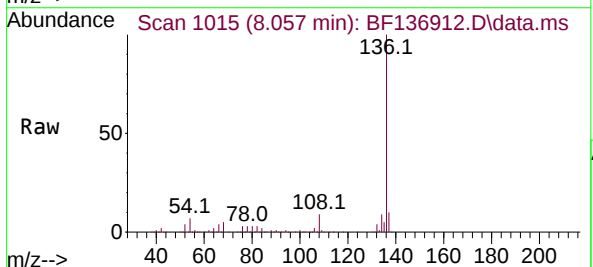
Instrument :
BNA_F
ClientSampleId :
PB157954BL

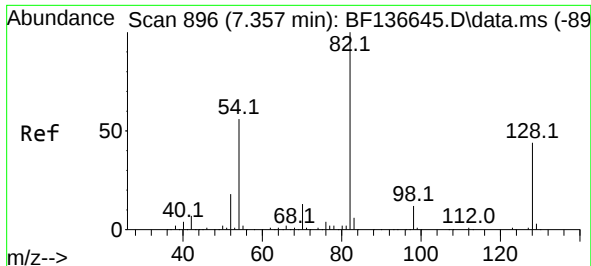
Tgt Ion: 99 Resp: 972952
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Tgt Ion:136 Resp: 329624
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.5 7.2 10.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.484 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB157954BL

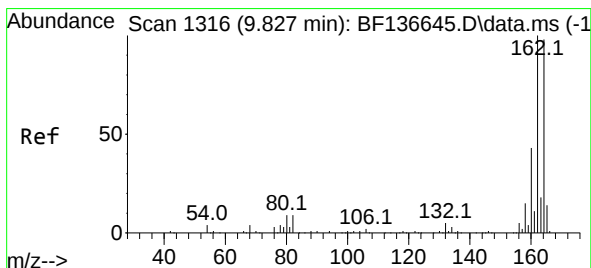
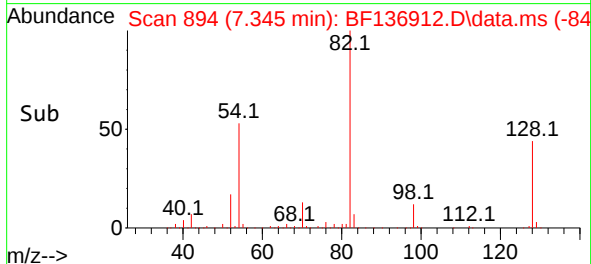
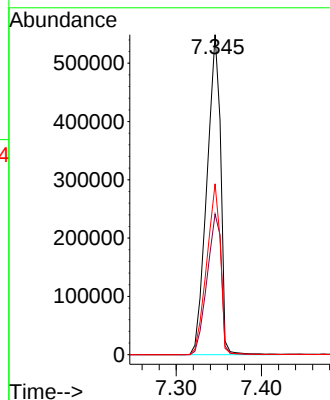
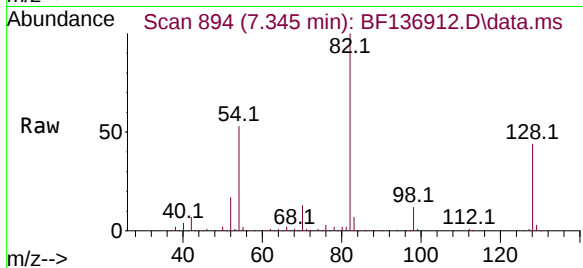
Tgt Ion: 82 Resp: 615069

Ion Ratio Lower Upper

82 100

128 43.9 35.3 52.9

54 53.4 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

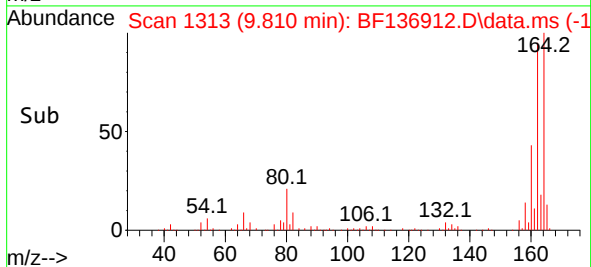
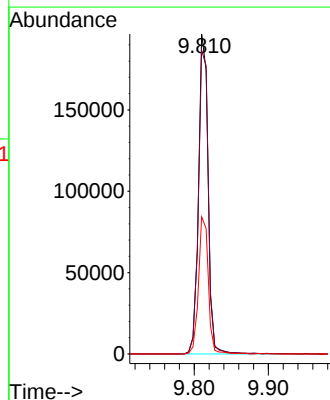
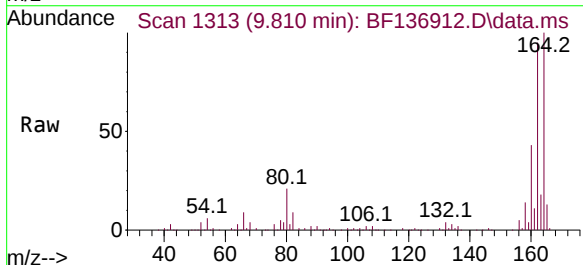
Tgt Ion:164 Resp: 174749

Ion Ratio Lower Upper

164 100

162 94.9 81.6 122.4

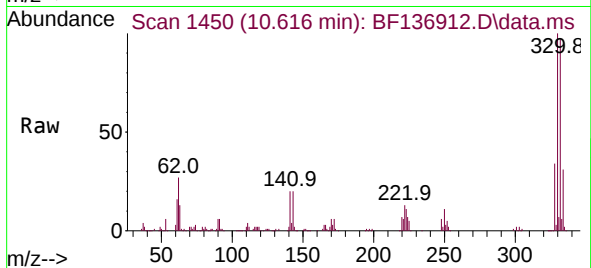
160 42.8 34.9 52.3



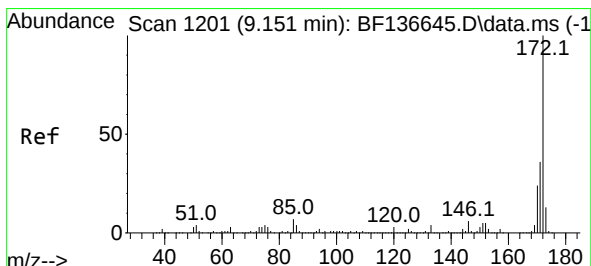
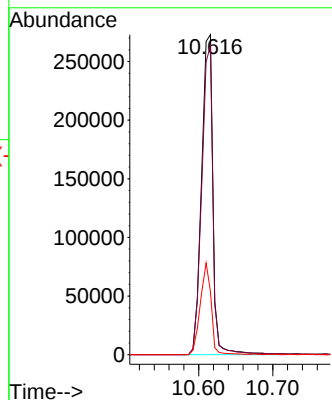
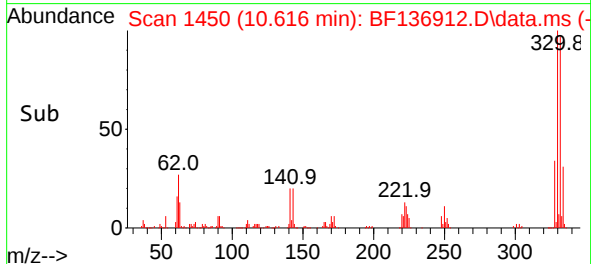


#42
2,4,6-Tribromophenol
Concen: 141.523 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

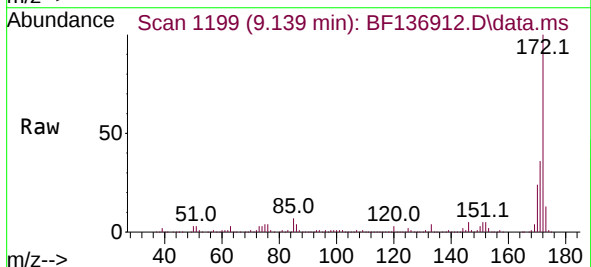
Instrument :
BNA_F
ClientSampleId :
PB157954BL



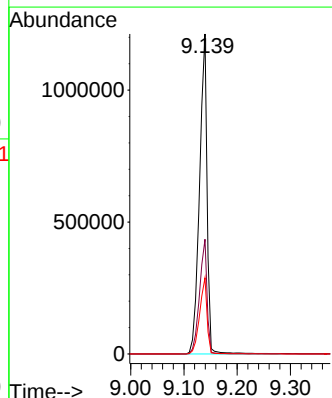
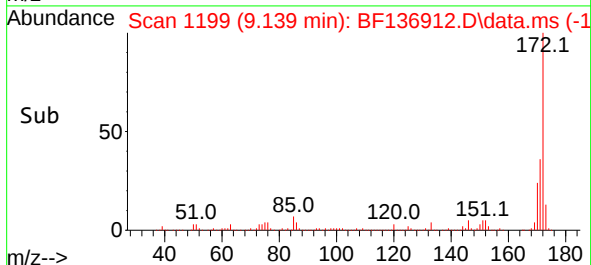
Tgt Ion:330 Resp: 291263
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 27.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 92.666 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37



Tgt Ion:172 Resp: 1203971
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB157954BL

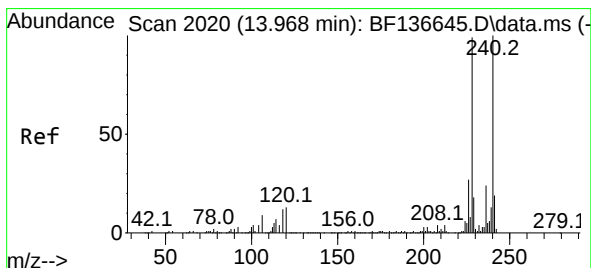
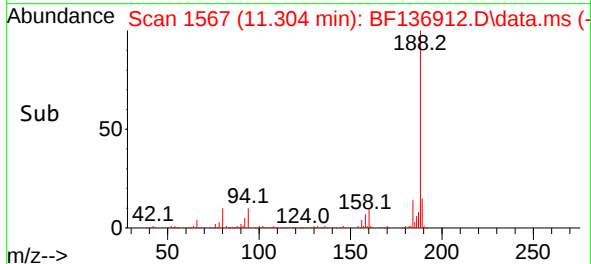
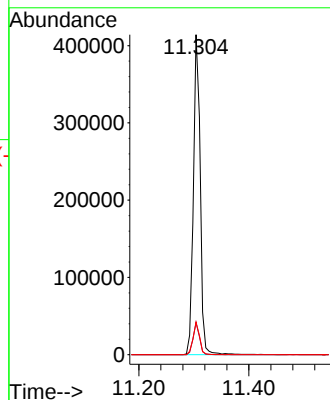
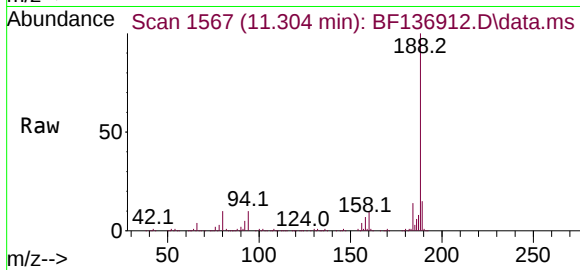
Tgt Ion:188 Resp: 354055

Ion Ratio Lower Upper

188 100

94 10.0 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: BF136912.D

Acq: 03 Jan 2024 17:37

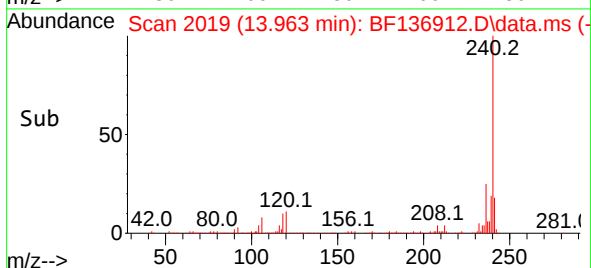
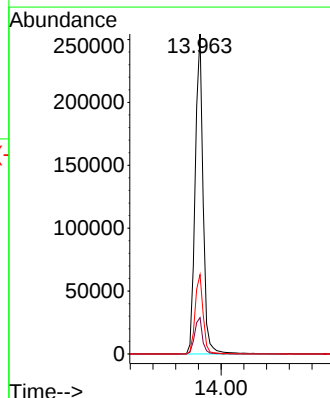
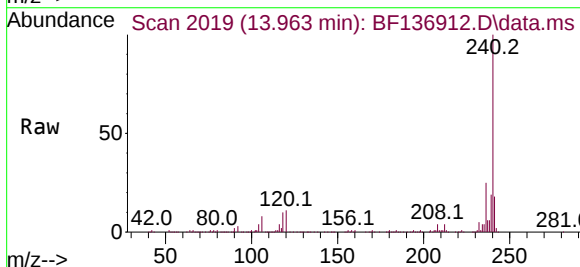
Tgt Ion:240 Resp: 246581

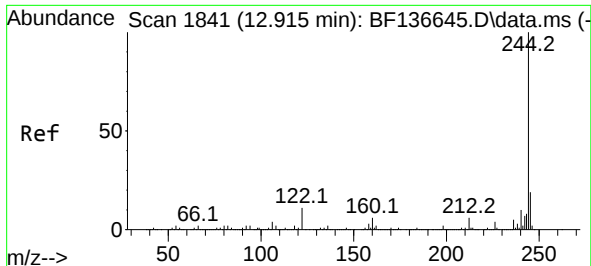
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

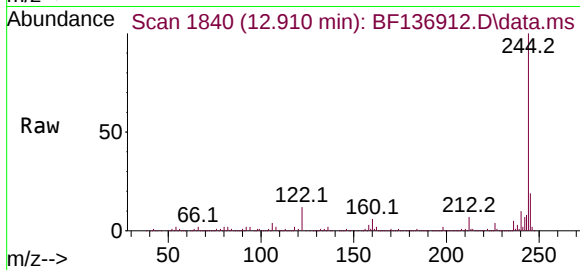
236 24.8 19.4 29.2



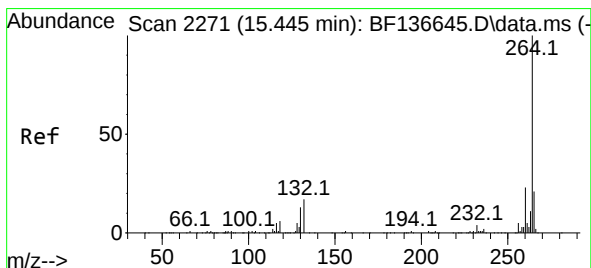
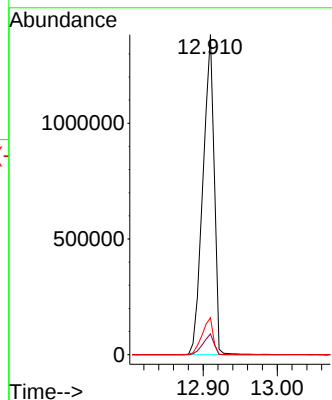
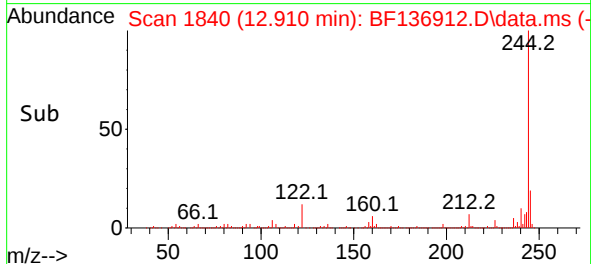


#79
Terphenyl-d14
Concen: 82.830 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

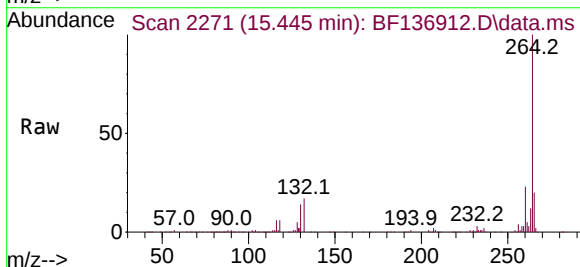
Instrument :
BNA_F
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Tgt Ion:244 Resp: 1461517
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37



Tgt Ion:264 Resp: 188957
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 20.1 17.0 25.6

