

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136661.D
Acq On : 21 Dec 2023 09:59
Operator : CG\JU
Sample : PB157501BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157501BL

Quant Time: Dec 21 10:49:32 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	6.787	152	95590	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	391457	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	212073	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	432623	20.000	ng	0.00
76) Chrysene-d12	13.963	240	267190	20.000	ng	0.00
86) Perylene-d12	15.445	264	213441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	785706	128.248	ng	0.02
7) Phenol-d6	6.440	99	999193	125.868	ng	0.00
23) Nitrobenzene-d5	7.357	82	621122	81.193	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	302047	120.933	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1226780	77.803	ng	0.00
79) Terphenyl-d14	12.916	244	1431286	74.860	ng	0.00

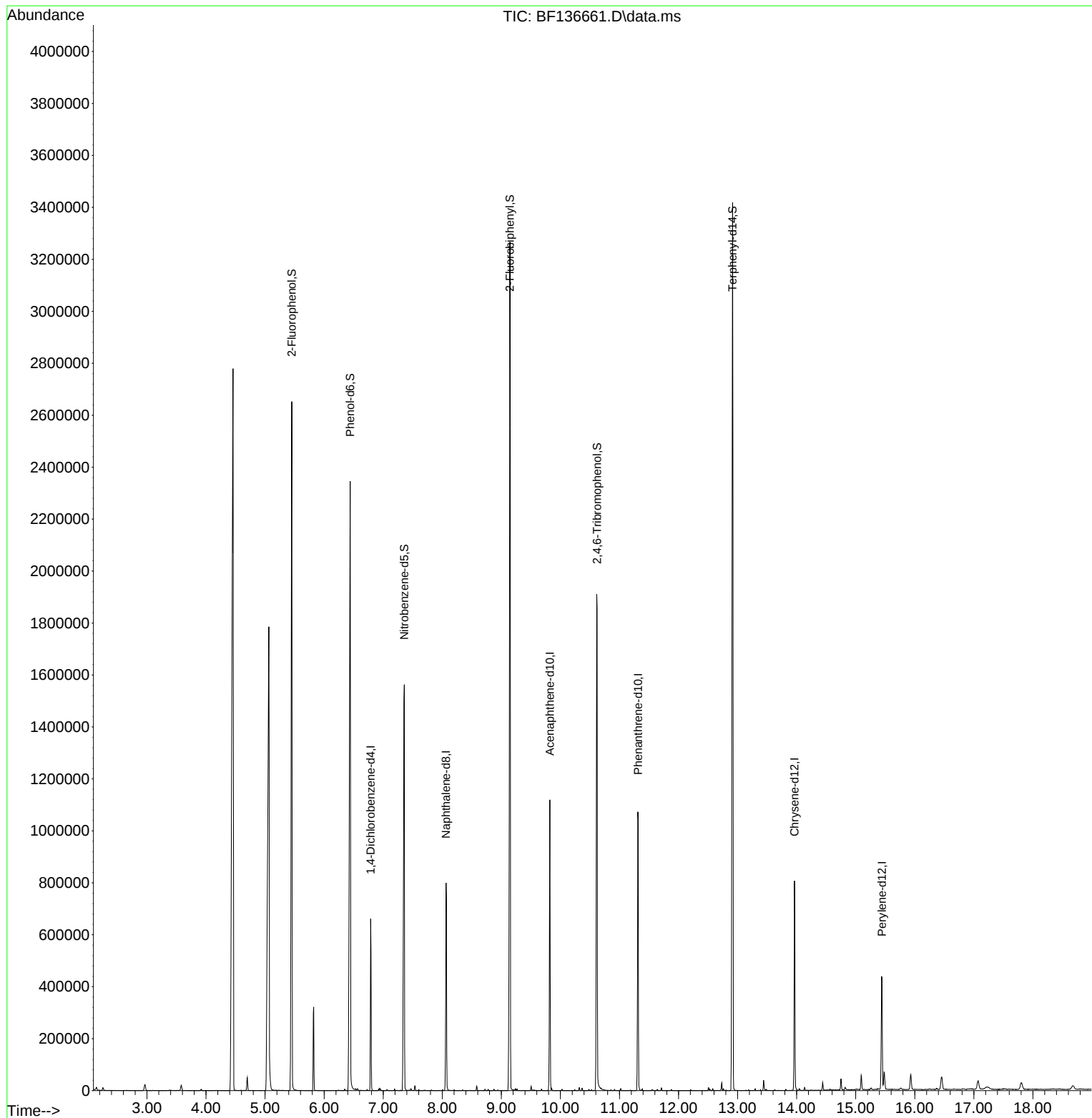
Target Compounds	Qvalue

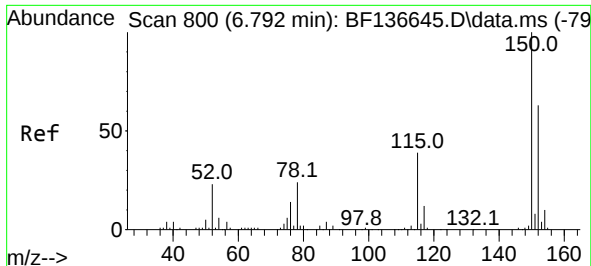
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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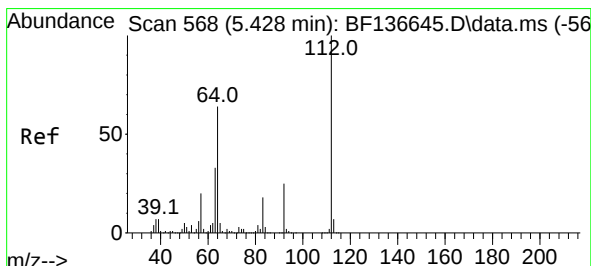
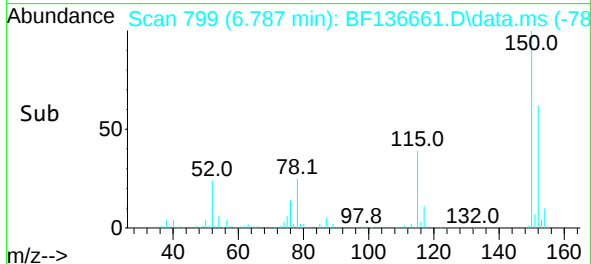
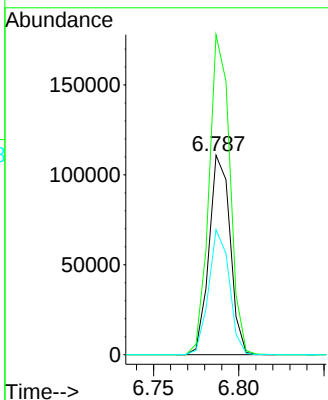
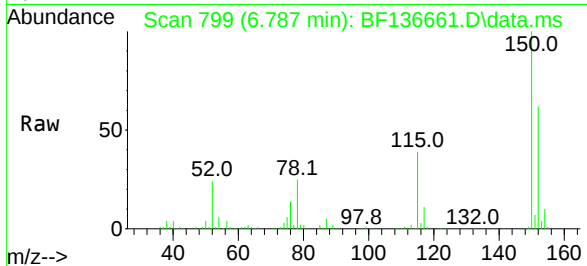




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

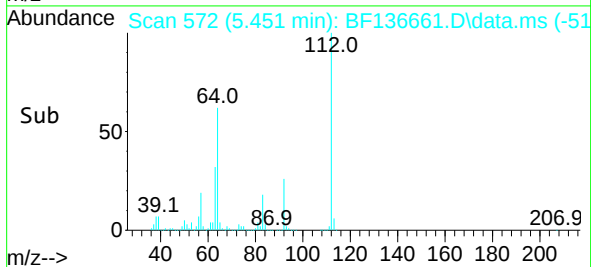
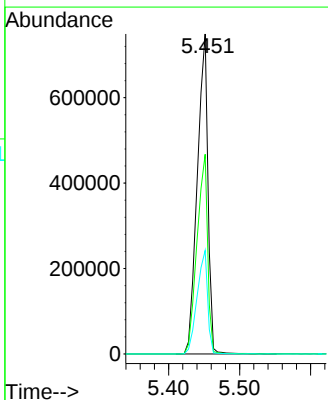
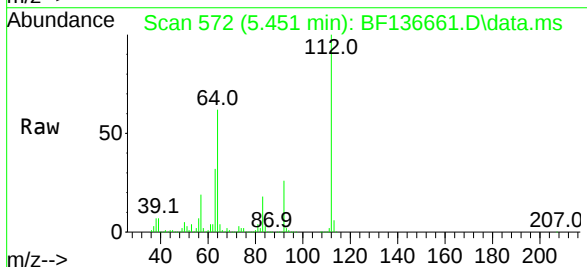
Instrument :
BNA_F
ClientSampleId :
PB157501BL

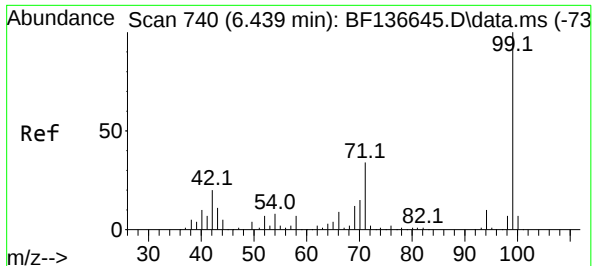
Tgt Ion:152 Resp: 95590
Ion Ratio Lower Upper
152 100
150 160.5 127.0 190.6
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 128.248 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

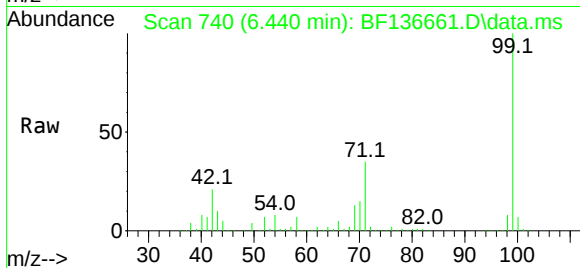
Tgt Ion:112 Resp: 785706
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 32.4 26.1 39.1



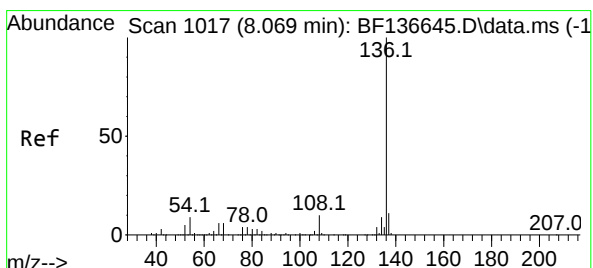
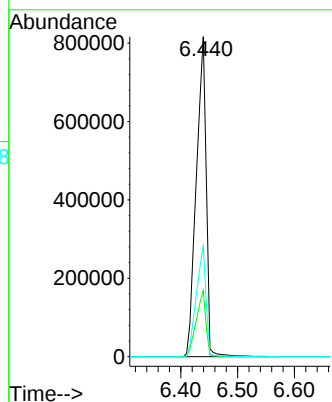
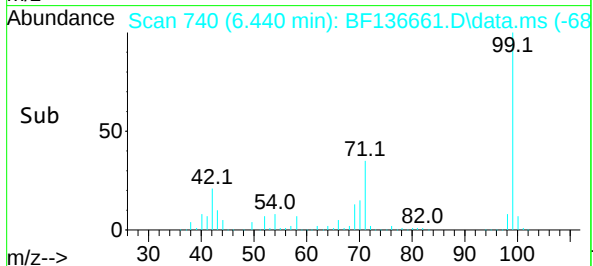


#7
Phenol-d6
Concen: 125.868 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

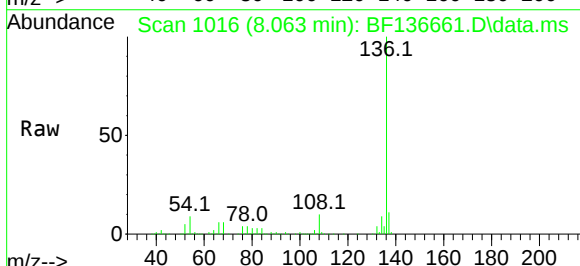
Instrument :
BNA_F
ClientSampleId :
PB157501BL



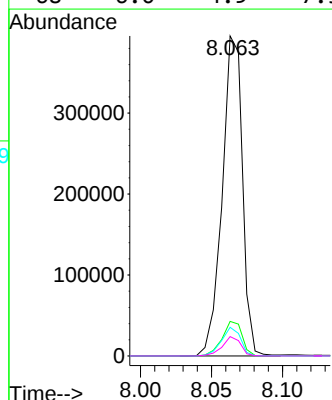
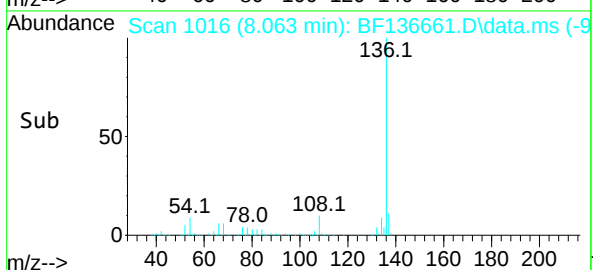
Tgt Ion: 99 Resp: 999193
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 34.5 27.4 41.2

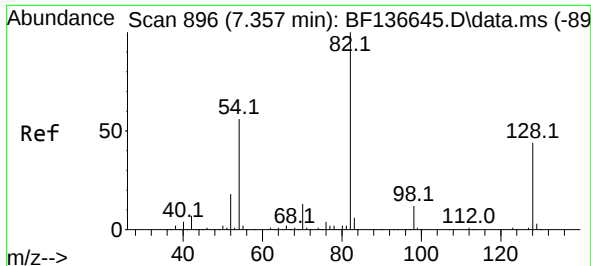


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59



Tgt Ion: 136 Resp: 391457
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3

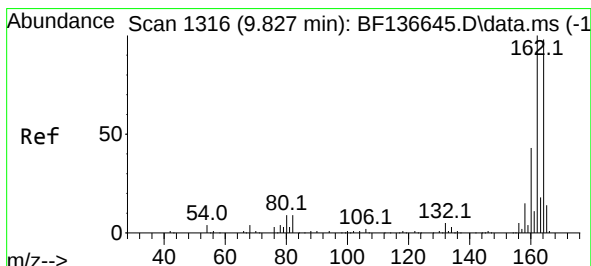
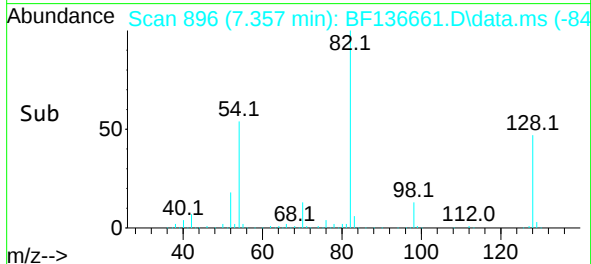
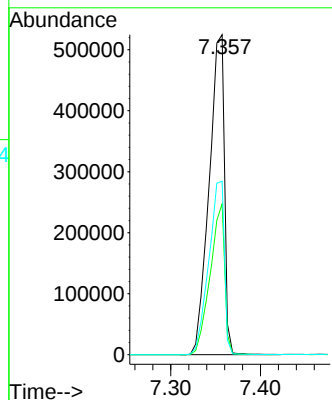
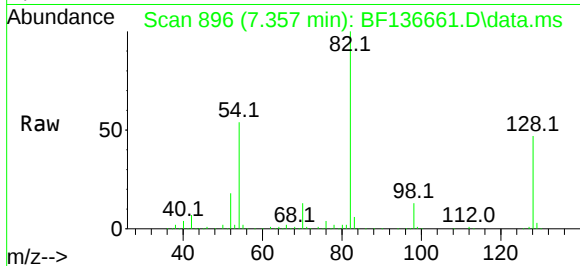




#23
 Nitrobenzene-d5
 Concen: 81.193 ng
 RT: 7.357 min Scan# 896
 Delta R.T. 0.000 min
 Lab File: BF136661.D
 Acq: 21 Dec 2023 09:59

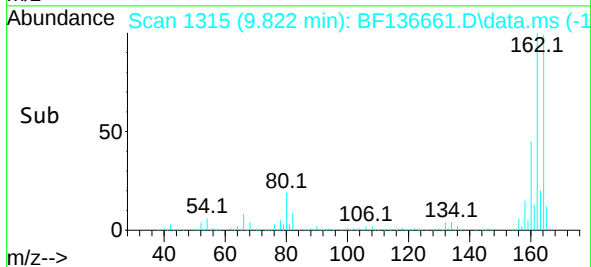
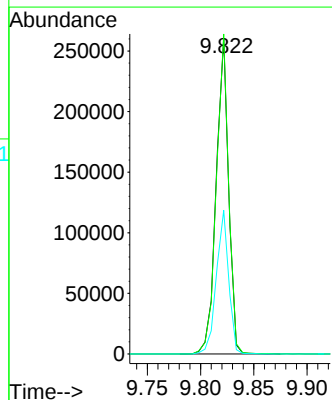
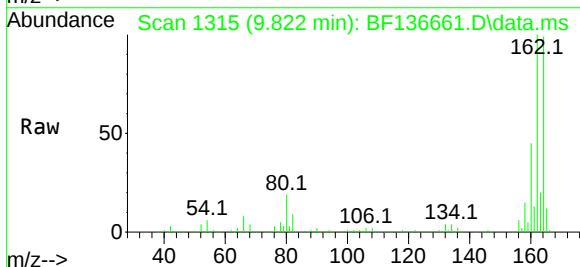
Instrument :
 BNA_F
 ClientSampleId :
 PB157501BL

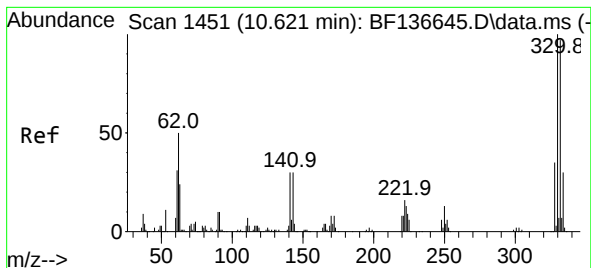
Tgt Ion: 82 Resp: 621122
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.3 52.9
 54 54.2 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF136661.D
 Acq: 21 Dec 2023 09:59

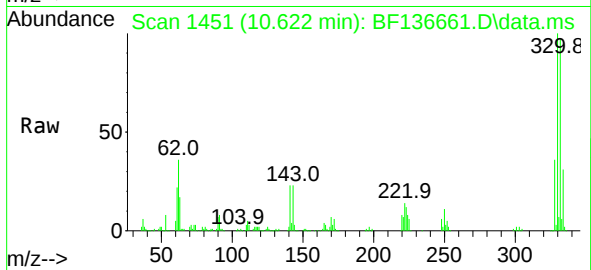
Tgt Ion:164 Resp: 212073
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.6 122.4
 160 45.5 34.9 52.3



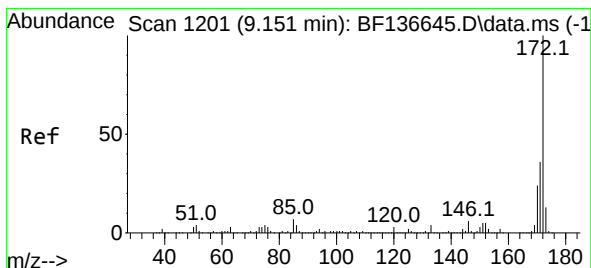
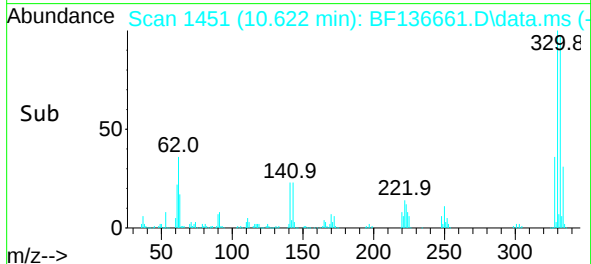
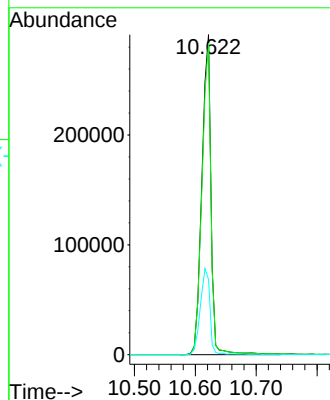


#42
2,4,6-Tribromophenol
Concen: 120.933 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB157501BL

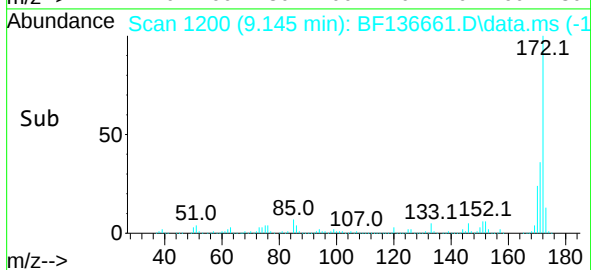
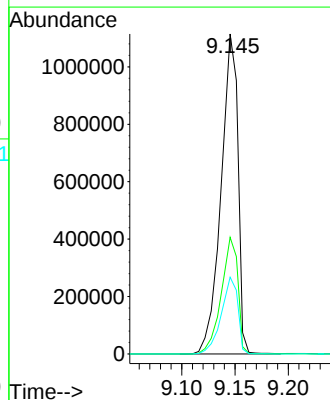
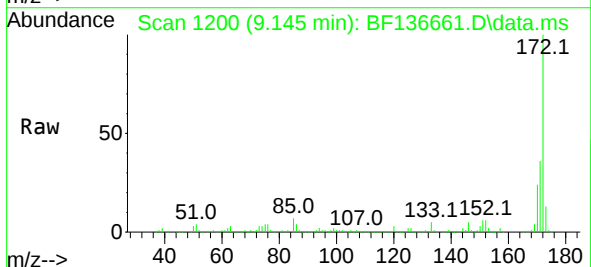


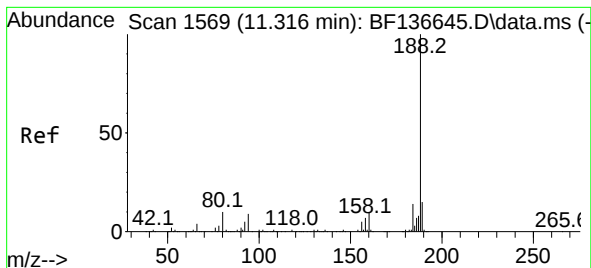
Tgt Ion:330 Resp: 302047
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 77.803 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Tgt Ion:172 Resp: 1226780
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.0 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: BF136661.D

Acq: 21 Dec 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB157501BL

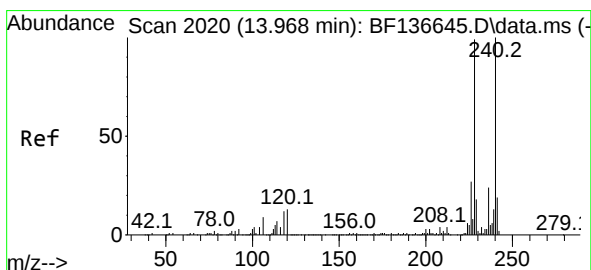
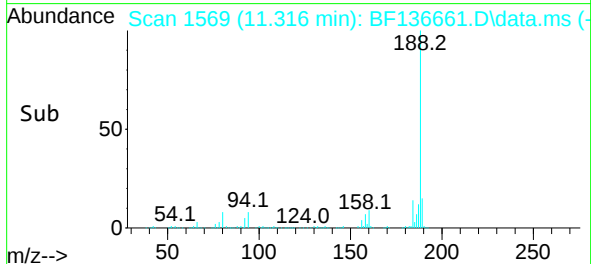
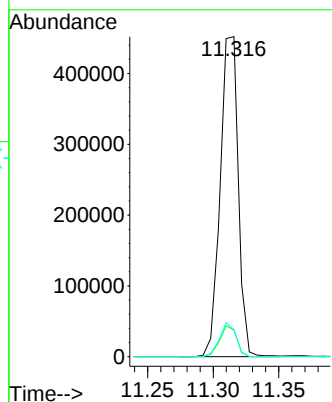
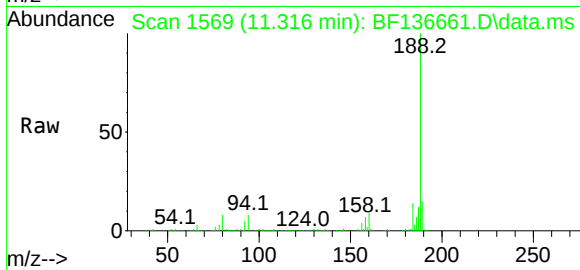
Tgt Ion:188 Resp: 432623

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

80 8.4 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: BF136661.D

Acq: 21 Dec 2023 09:59

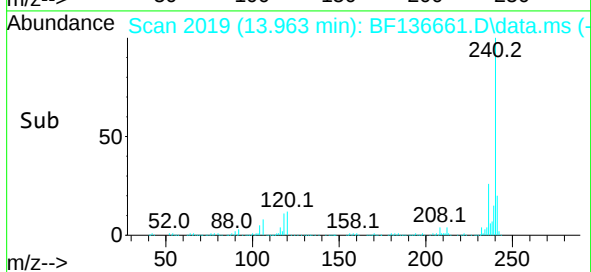
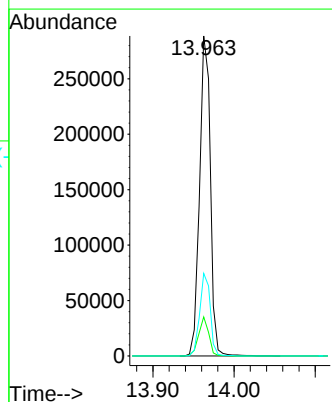
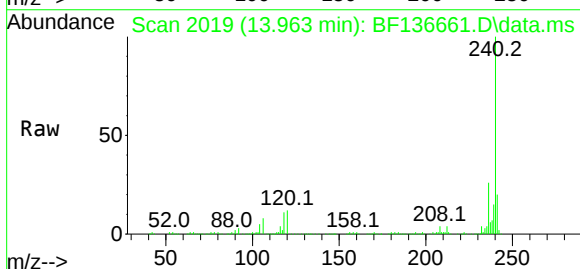
Tgt Ion:240 Resp: 267190

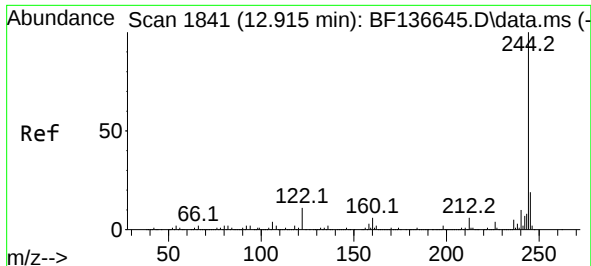
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

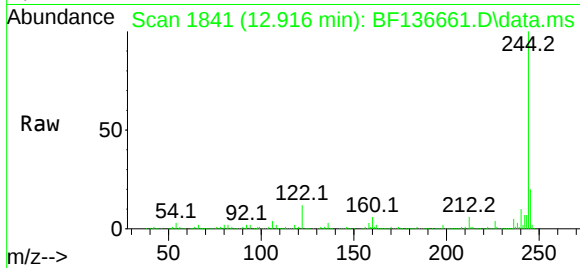
236 25.8 19.4 29.2



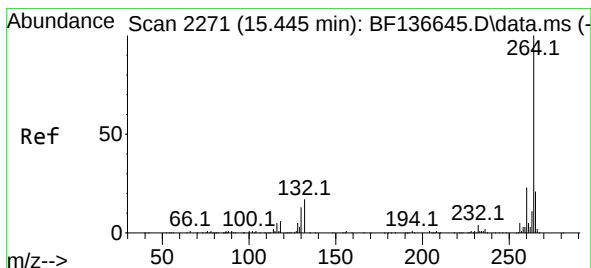
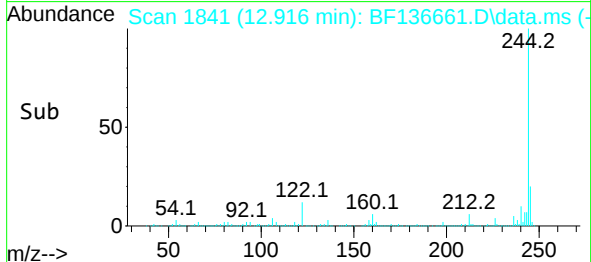
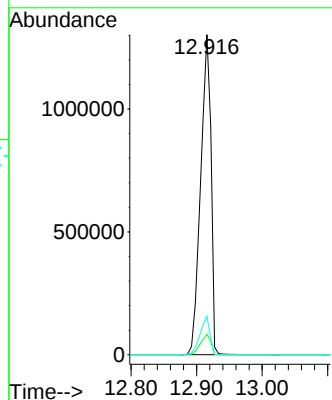


#79
 Terphenyl-d14
 Concen: 74.860 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136661.D
 Acq: 21 Dec 2023 09:59

Instrument :
 BNA_F
 ClientSampleId :
 PB157501BL



Tgt Ion:244 Resp: 1431286
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 12.0 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: BF136661.D
 Acq: 21 Dec 2023 09:59

Tgt Ion:264 Resp: 213441
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 20.9 17.0 25.6

