

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136502.D
 Acq On : 11 Dec 2023 21:24
 Operator : CG\JU
 Sample : 05639-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E8965C-CC-001

Quant Time: Dec 11 23:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	123448	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	500700	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	265475	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	488051	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	260774	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	252290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	931216	111.403	ng	0.02
7) Phenol-d6	6.439	99	1008110	96.663	ng	0.00
23) Nitrobenzene-d5	7.357	82	812527	87.728	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	424157	129.580	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1632913	83.929	ng	-0.01
79) Terphenyl-d14	12.921	244	1860034	94.013	ng	0.00

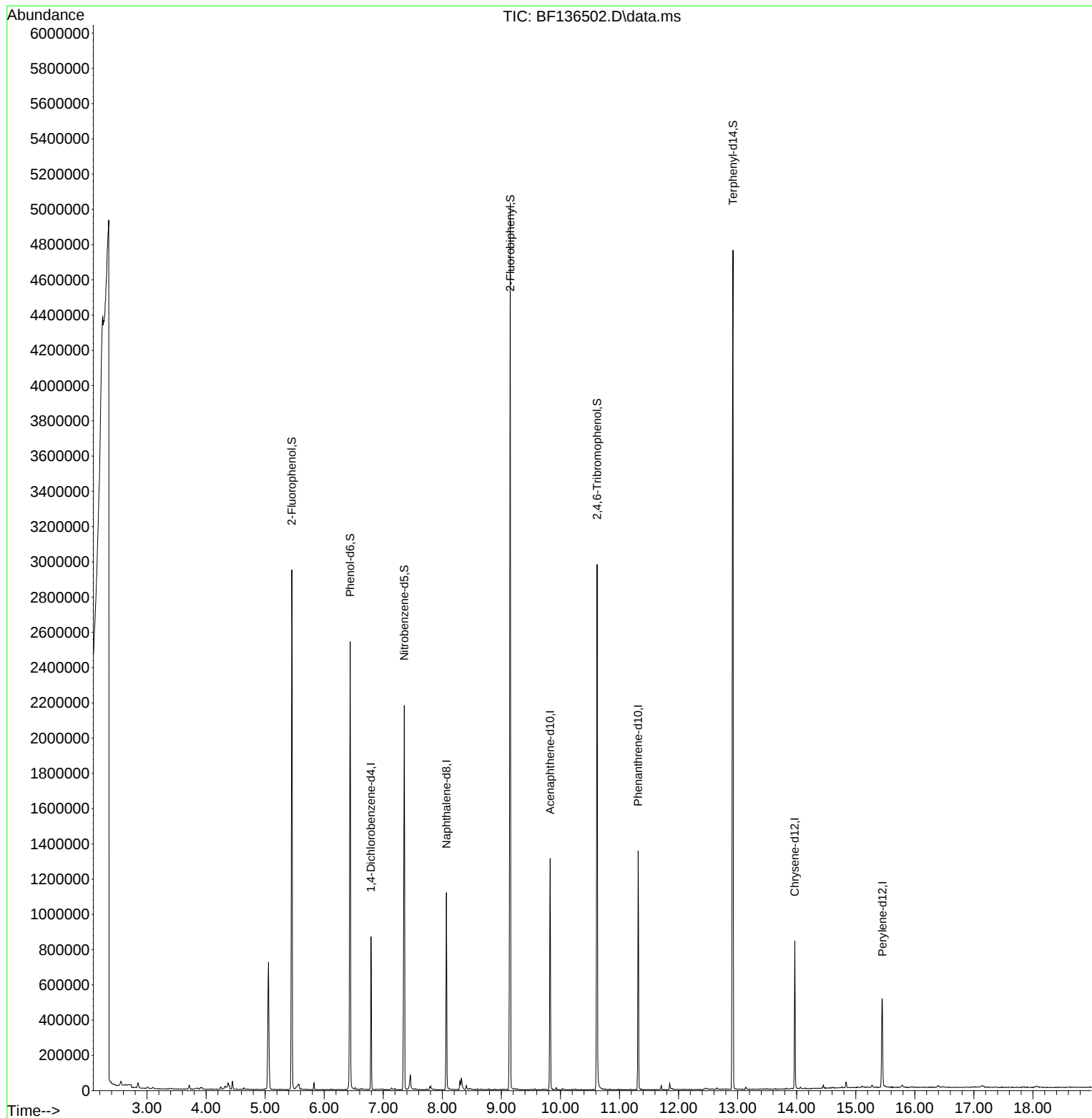
Target Compounds	Qvalue

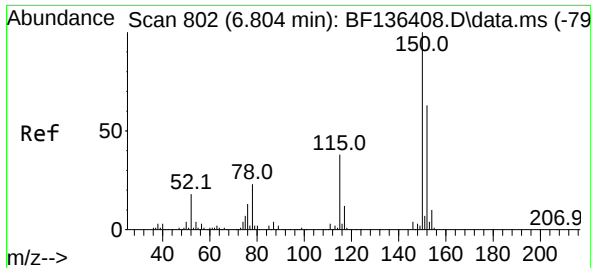
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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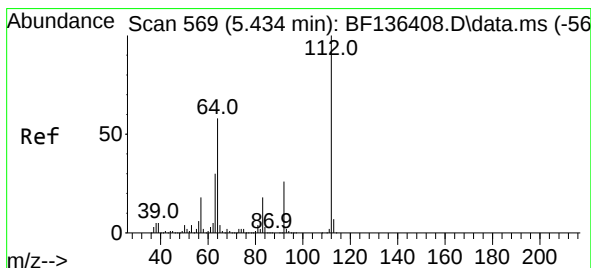
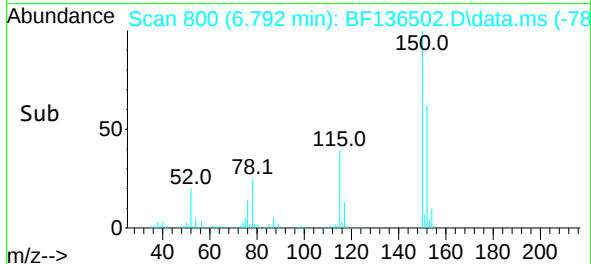
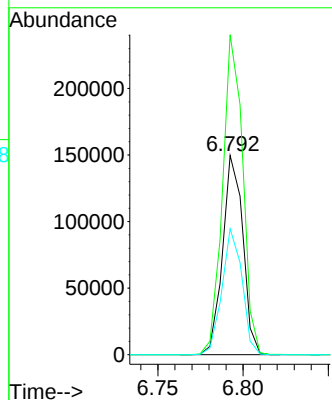
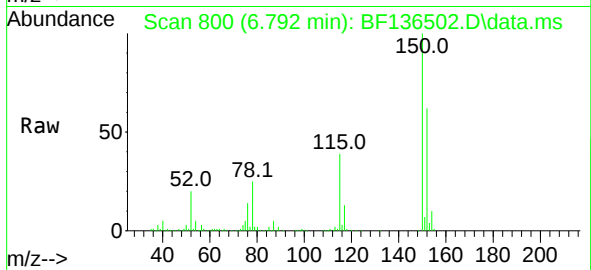




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

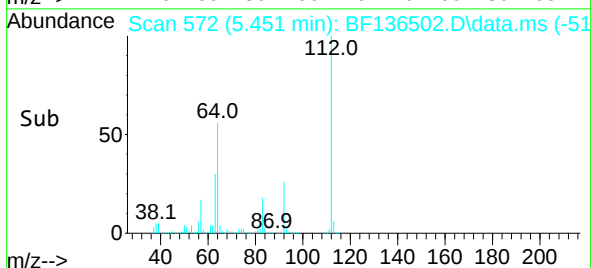
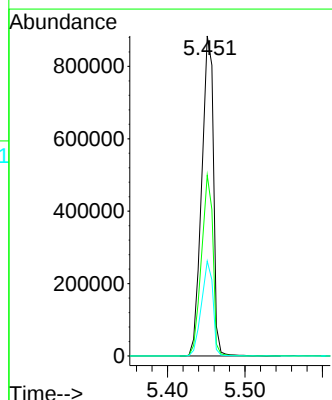
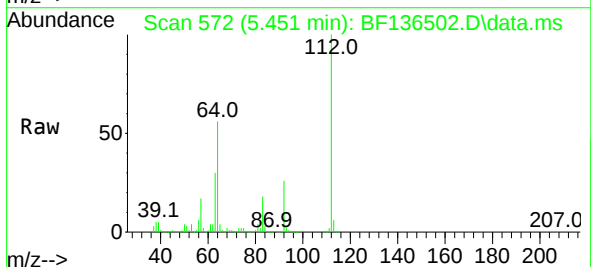
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

Tgt Ion:152 Resp: 123448
Ion Ratio Lower Upper
152 100
150 160.7 126.4 189.6
115 63.3 48.2 72.4



#5
2-Fluorophenol
Concen: 111.403 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:112 Resp: 931216
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 29.6 23.9 35.9

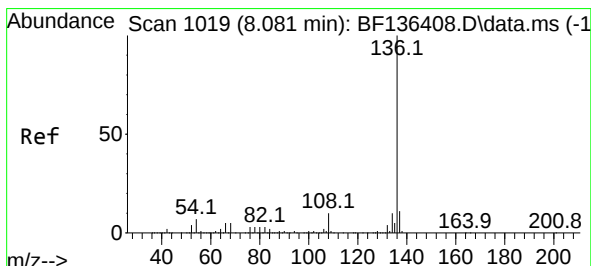
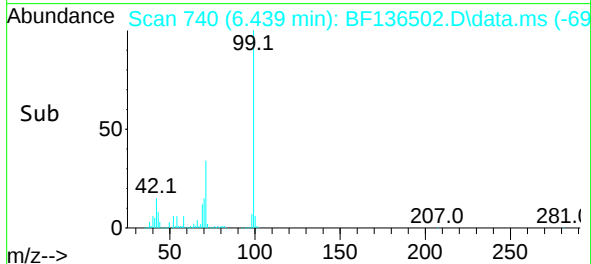
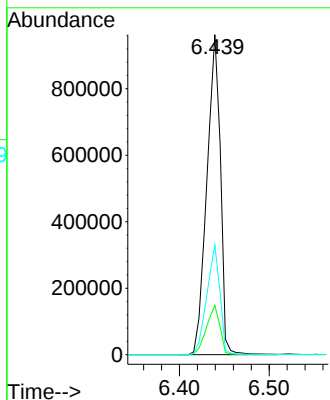
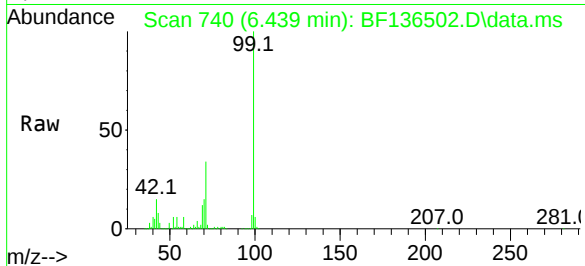




#7
Phenol-d6
Concen: 96.663 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

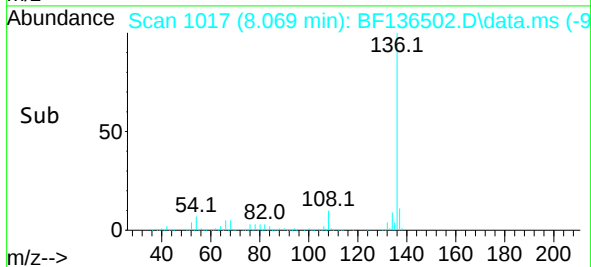
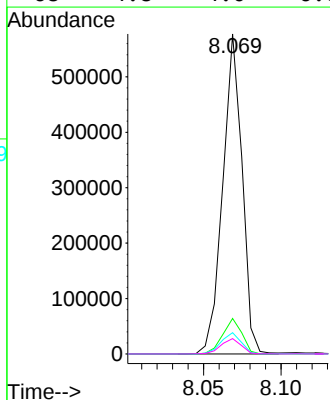
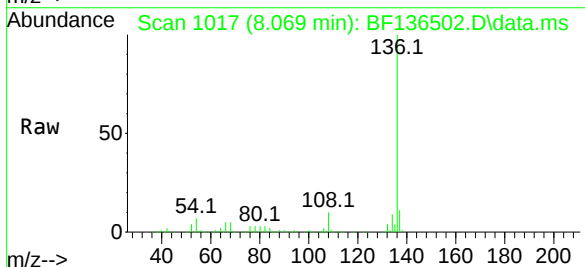
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

Tgt Ion: 99 Resp: 1008110
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 34.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion: 136 Resp: 500700
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 87.728 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

E8965C-CC-001

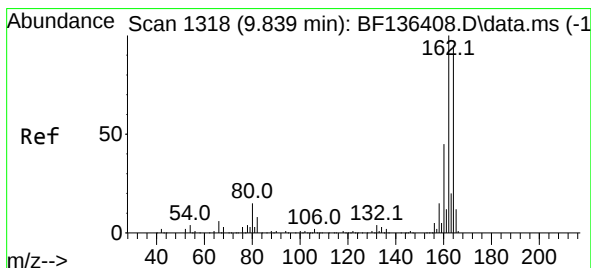
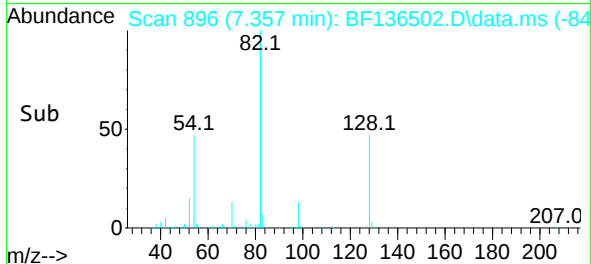
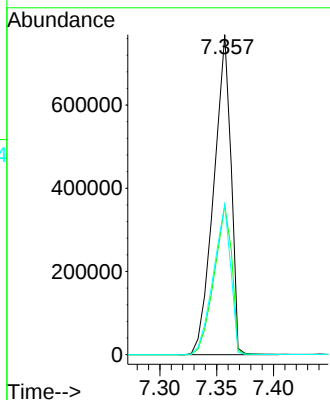
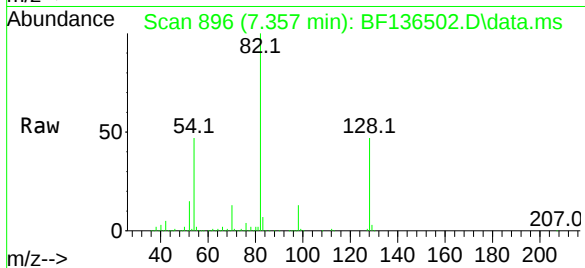
Tgt Ion: 82 Resp: 812527

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

54 46.9 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

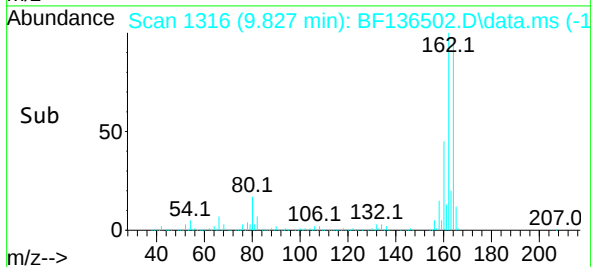
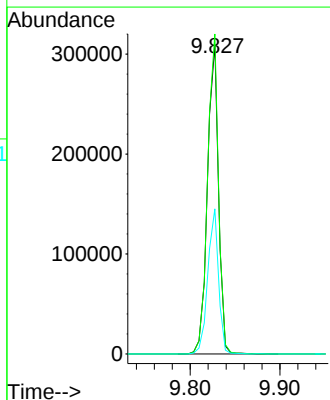
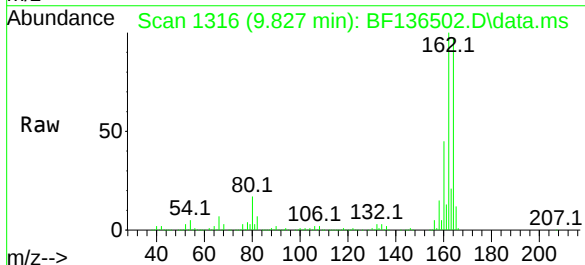
Tgt Ion: 164 Resp: 265475

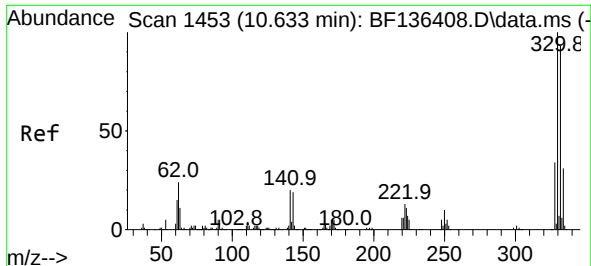
Ion Ratio Lower Upper

164 100

162 103.6 84.4 126.6

160 47.0 37.6 56.4

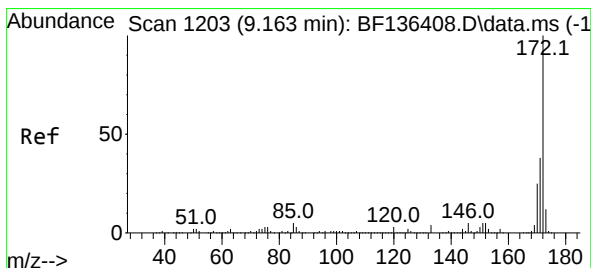
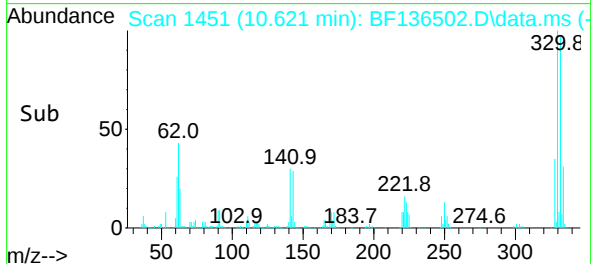
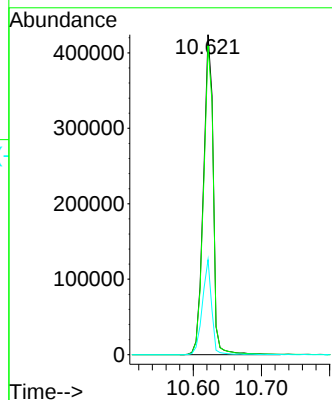
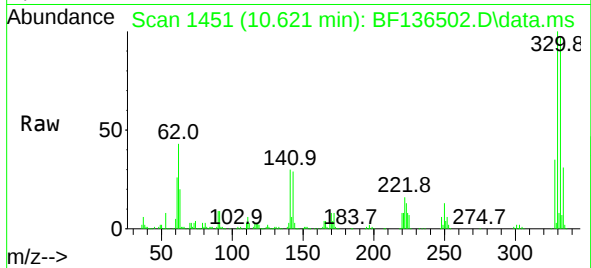




#42
2,4,6-Tribromophenol
Concen: 129.580 ng
RT: 10.621 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

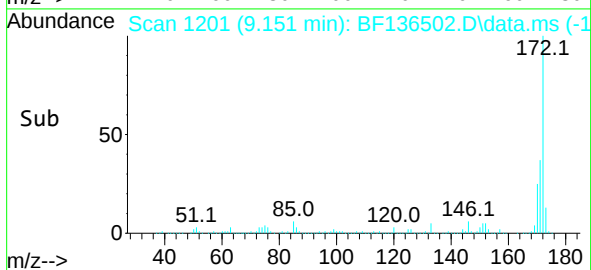
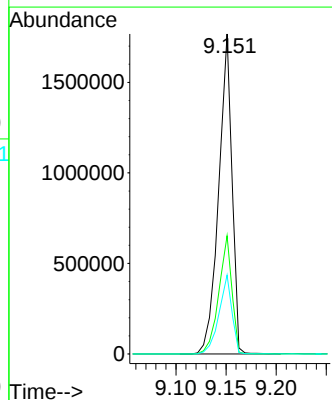
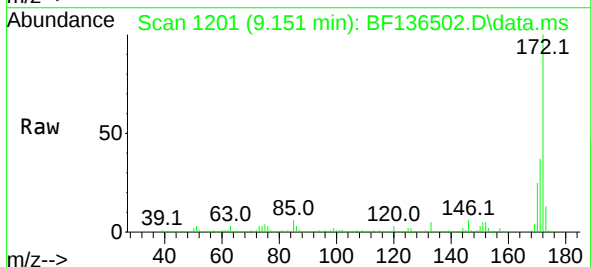
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

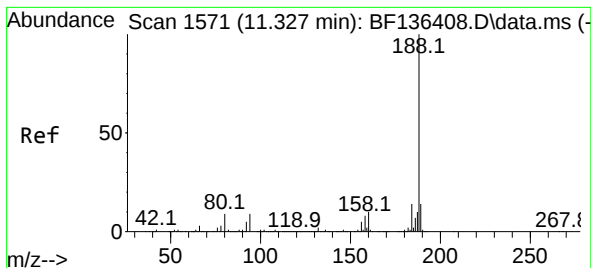
Tgt Ion:330 Resp: 424157
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.929 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:172 Resp: 1632913
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

E8965C-CC-001

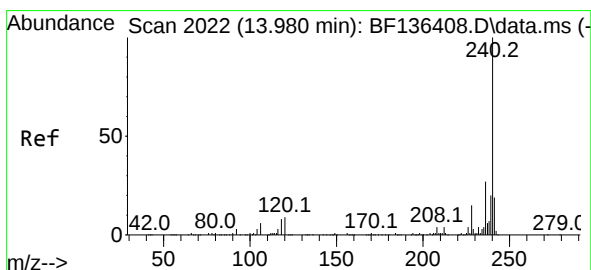
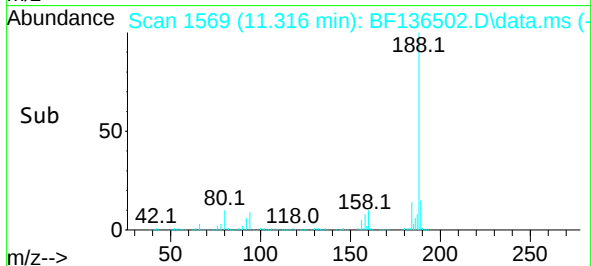
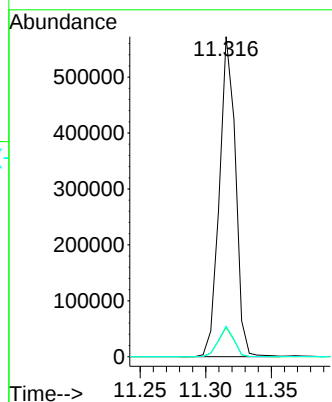
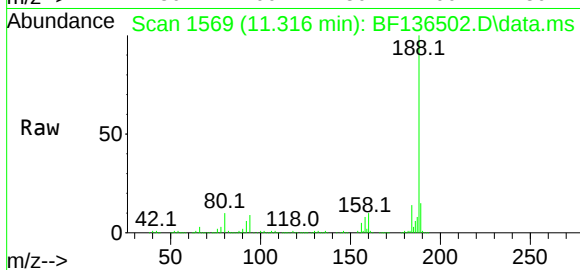
Tgt Ion:188 Resp: 488051

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

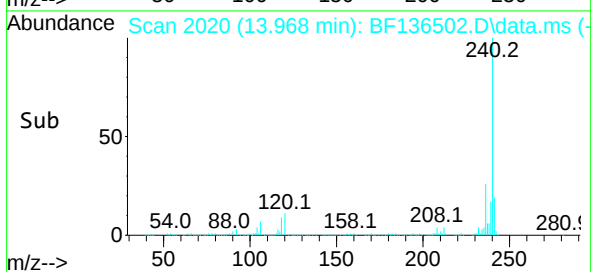
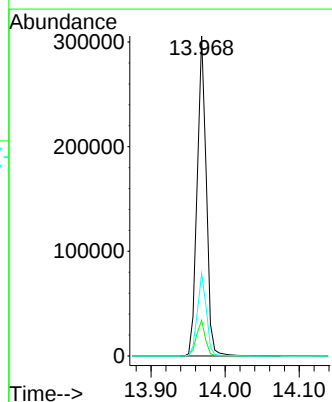
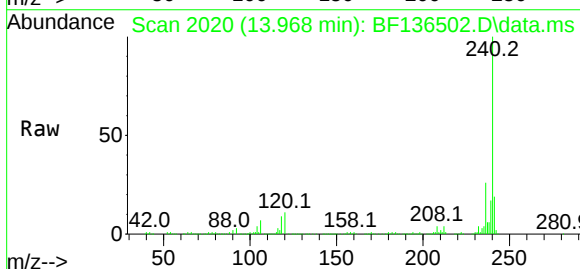
Tgt Ion:240 Resp: 260774

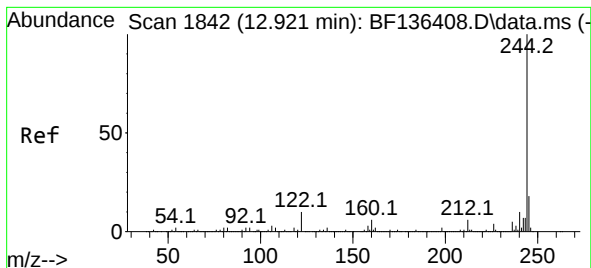
Ion Ratio Lower Upper

240 100

120 11.1 7.3 10.9#

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 94.013 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

E8965C-CC-001

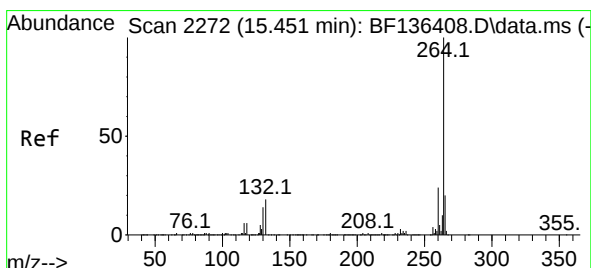
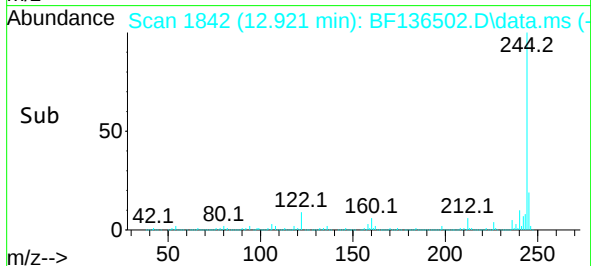
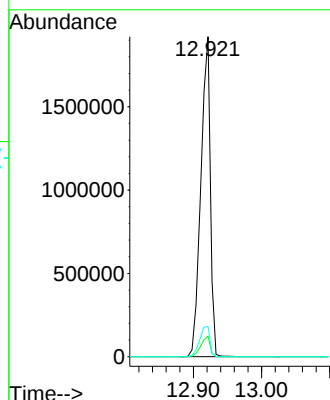
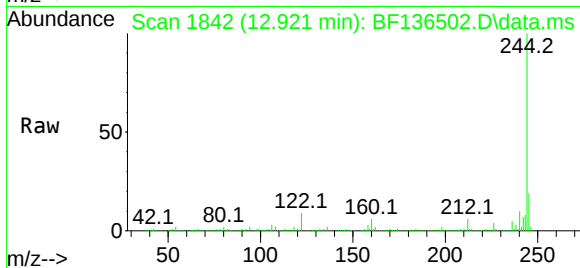
Tgt Ion:244 Resp: 1860034

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 9.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

Tgt Ion:264 Resp: 252290

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.9 15.9 23.9

