

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136618.D
 Acq On : 18 Dec 2023 17:05
 Operator : CG\JU
 Sample : 05758-37
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5

Quant Time: Dec 18 17:26:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	105939	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	399546	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191410	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	295108	20.000	ng	0.00
76) Chrysene-d12	13.962	240	209620	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	253304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	720089	100.383	ng	0.01
7) Phenol-d6	6.434	99	887228	99.132	ng	0.00
23) Nitrobenzene-d5	7.351	82	530094	71.724	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	201487	85.372	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1053295	75.086	ng	0.00
79) Terphenyl-d14	12.910	244	825490	51.905	ng	0.00

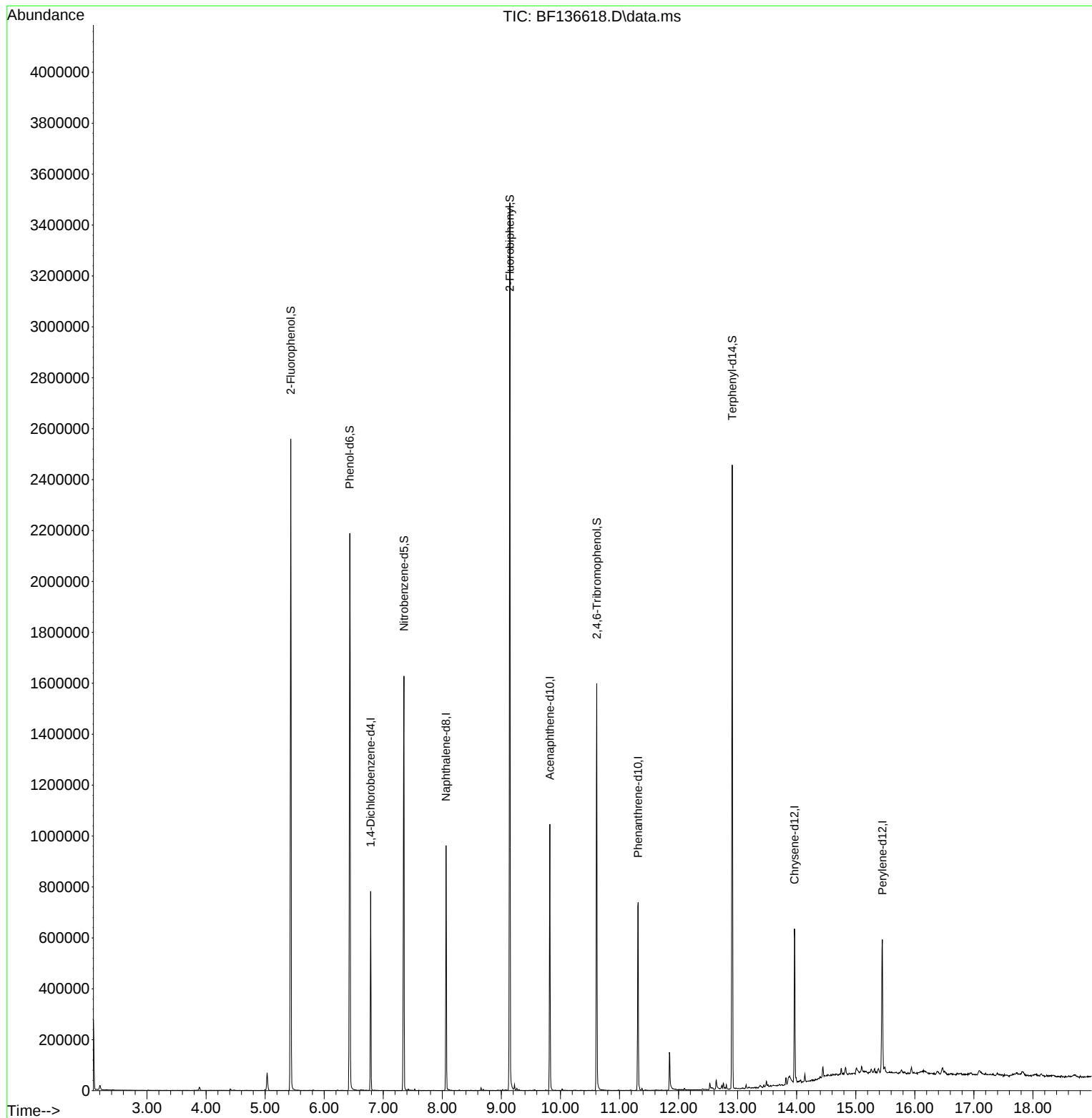
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136618.D
Acq On : 18 Dec 2023 17:05
Operator : CG\JU
Sample : 05758-37
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

Quant Time: Dec 18 17:26:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

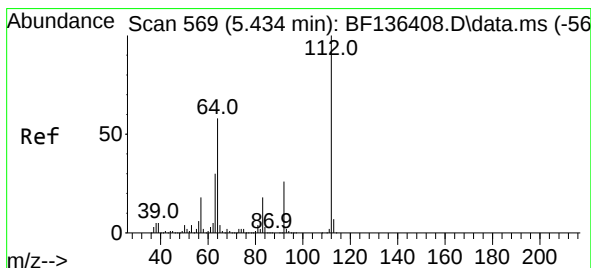
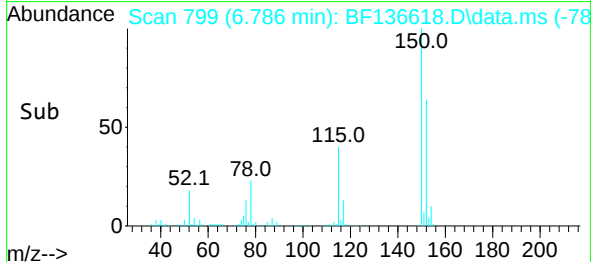
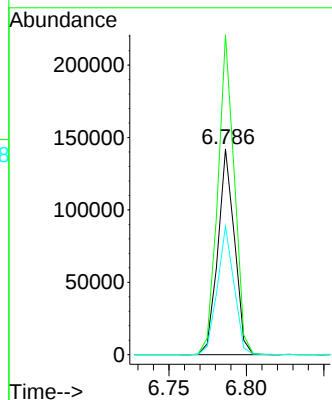
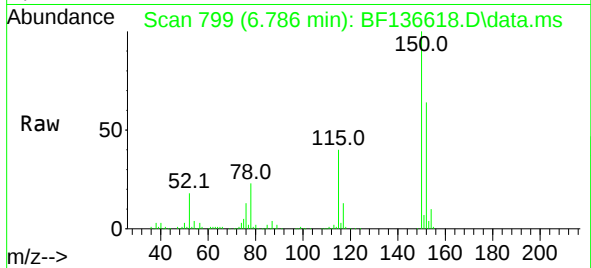




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

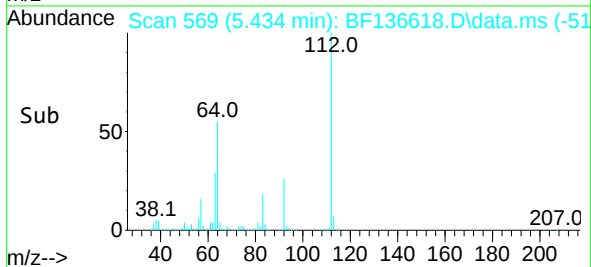
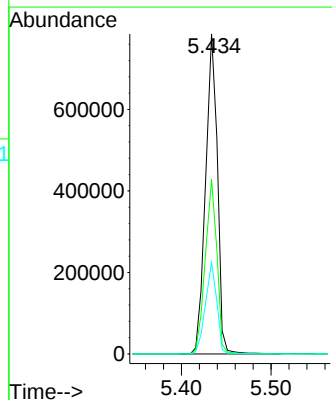
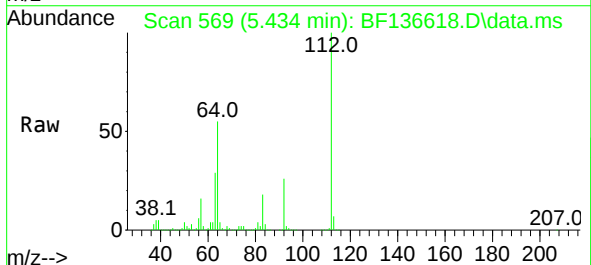
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

Tgt Ion:152 Resp: 105939
Ion Ratio Lower Upper
152 100
150 155.5 126.4 189.6
115 62.5 48.2 72.4



#5
2-Fluorophenol
Concen: 100.383 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion:112 Resp: 720089
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 28.5 23.9 35.9

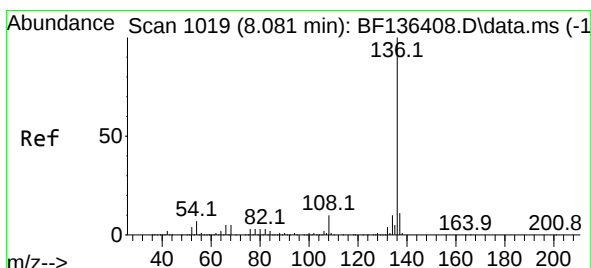
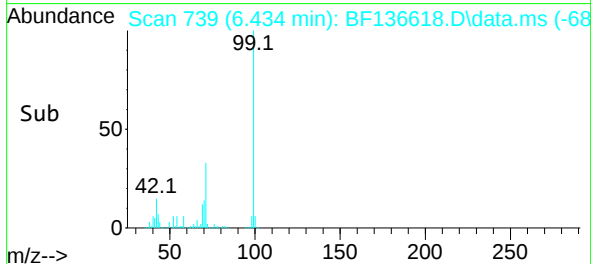
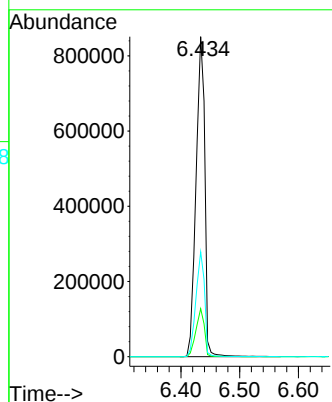
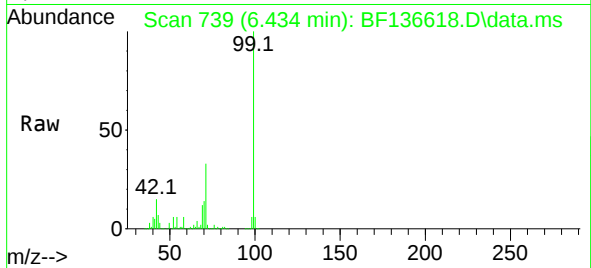




#7
Phenol-d6
Concen: 99.132 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

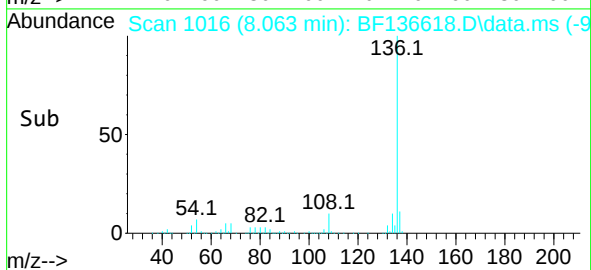
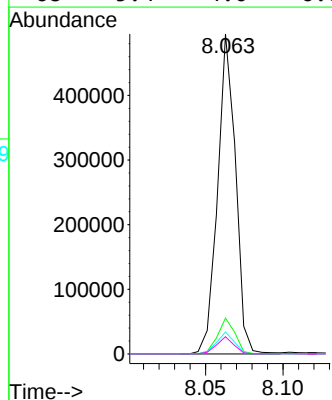
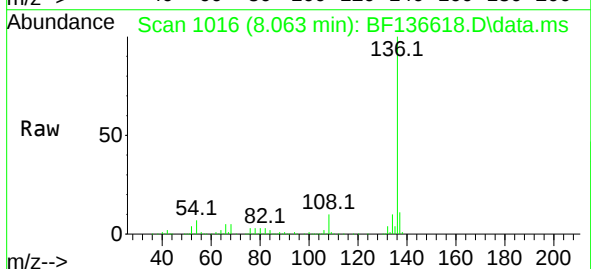
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

Tgt Ion: 99 Resp: 887228
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion: 136 Resp: 399546
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.8 5.7 8.5
68 5.4 4.0 6.0





#23

Nitrobenzene-d5

Concen: 71.724 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

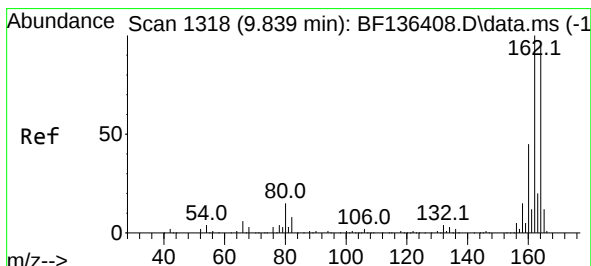
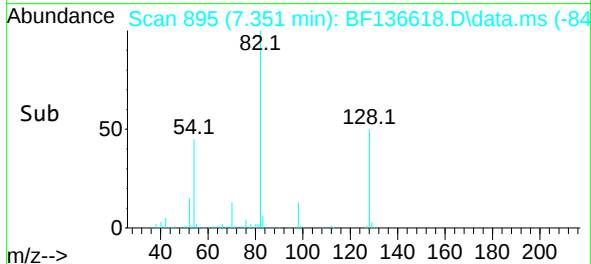
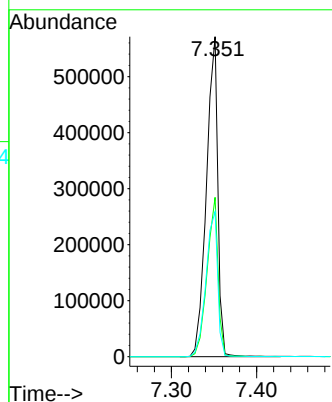
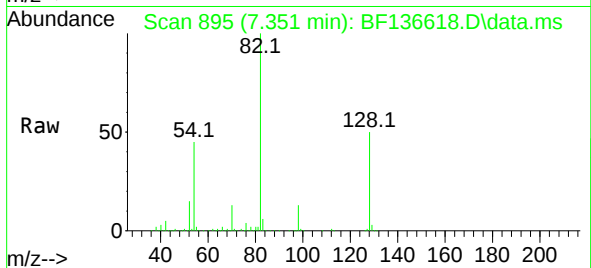
Tgt Ion: 82 Resp: 530094

Ion Ratio Lower Upper

82 100

128 49.8 36.3 54.5

54 45.4 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

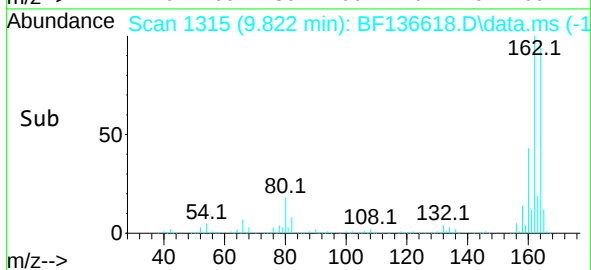
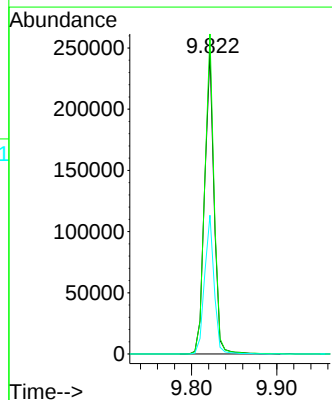
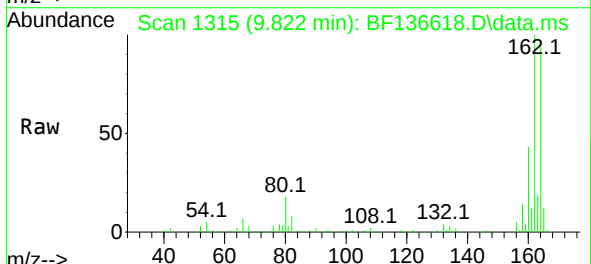
Tgt Ion: 164 Resp: 191410

Ion Ratio Lower Upper

164 100

162 106.2 84.4 126.6

160 46.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 85.372 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF136618.D

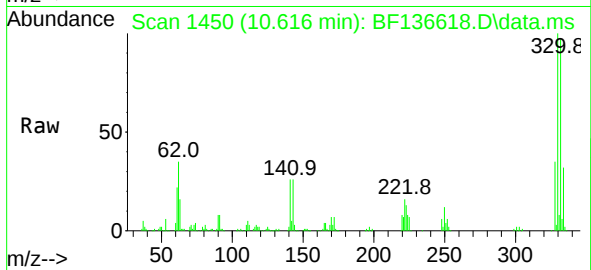
Acq: 18 Dec 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5



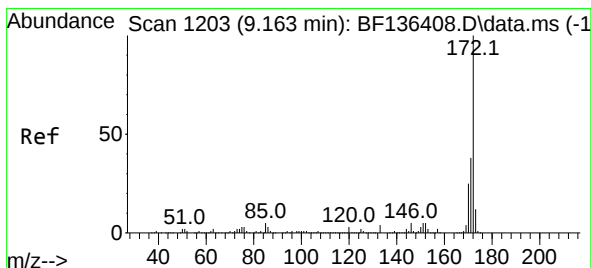
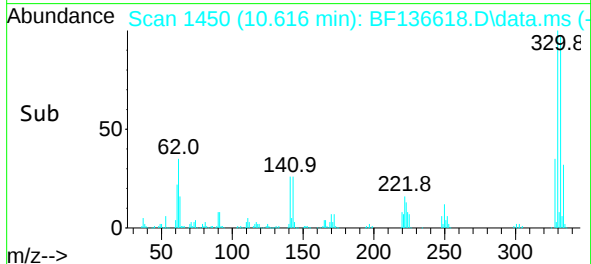
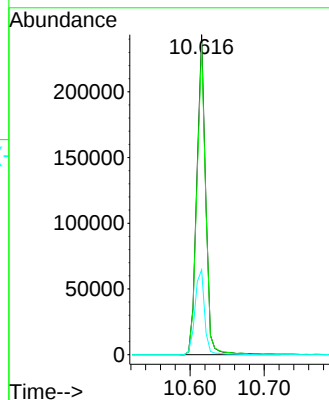
Tgt Ion:330 Resp: 201487

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 75.086 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

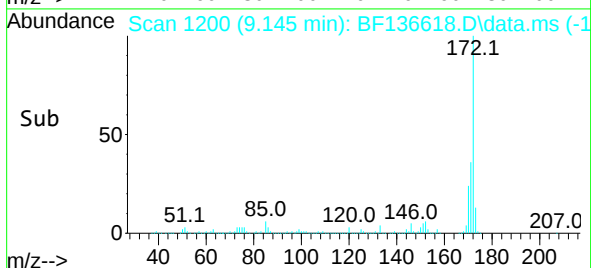
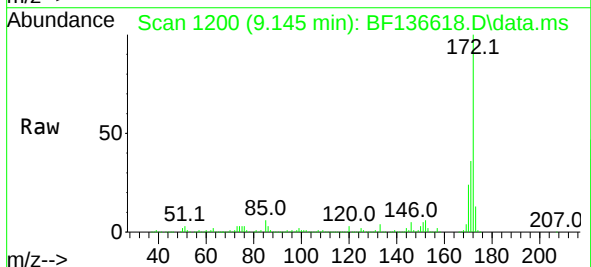
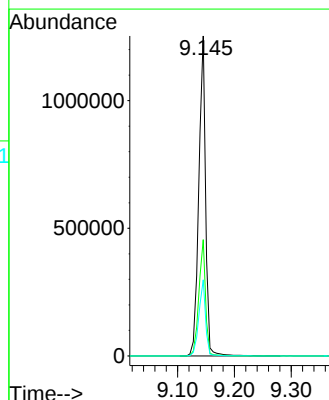
Tgt Ion:172 Resp: 1053295

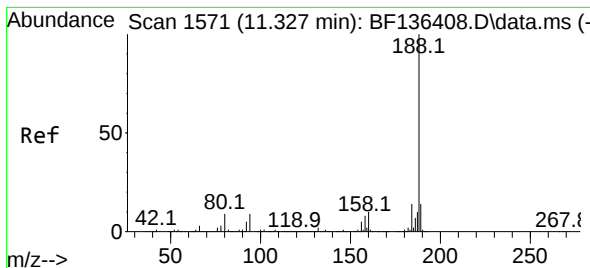
Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 23.8 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

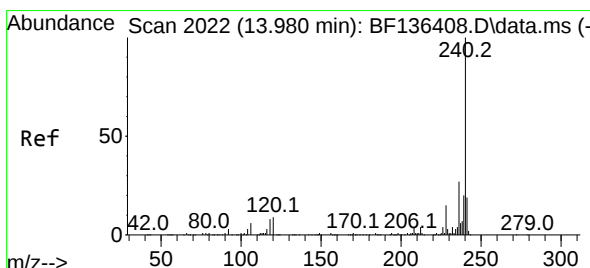
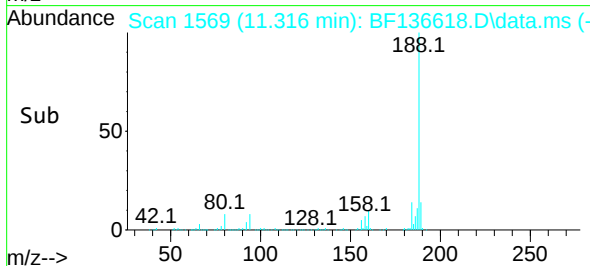
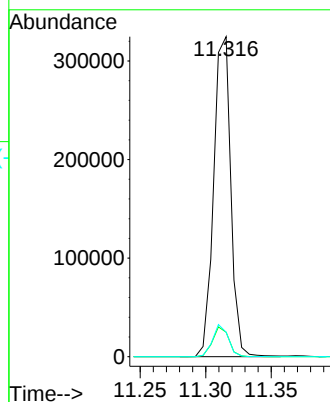
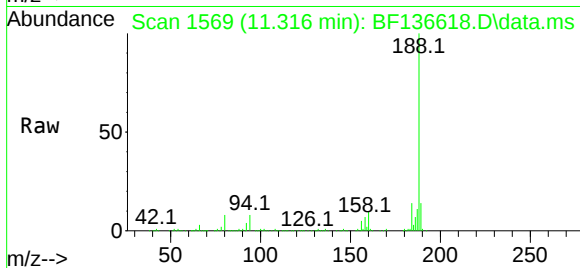
Tgt Ion:188 Resp: 295108

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

80 7.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

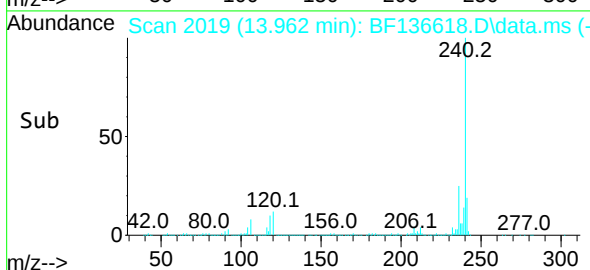
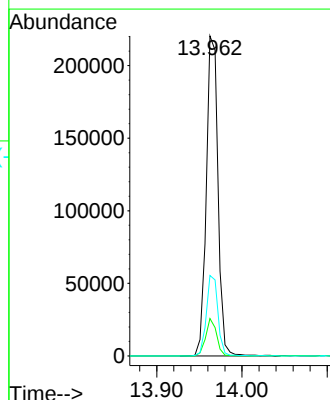
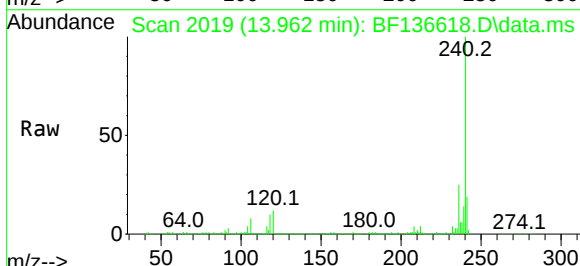
Tgt Ion:240 Resp: 209620

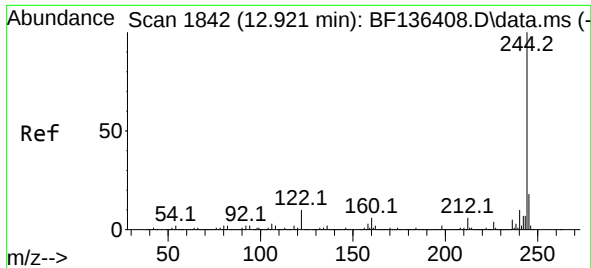
Ion Ratio Lower Upper

240 100

120 11.7 7.3 10.9#

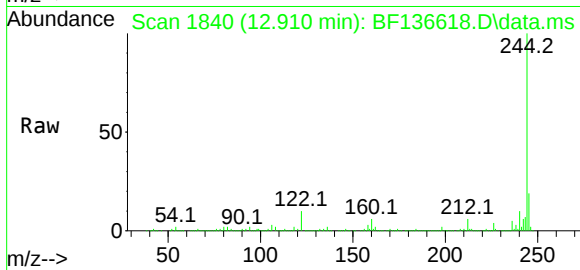
236 25.1 21.3 31.9



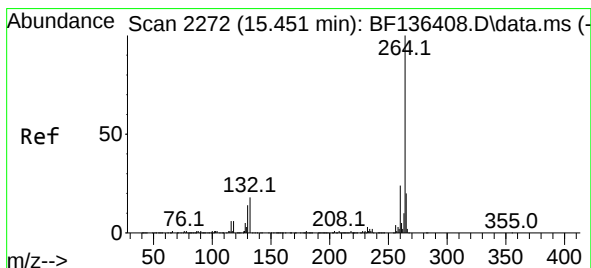
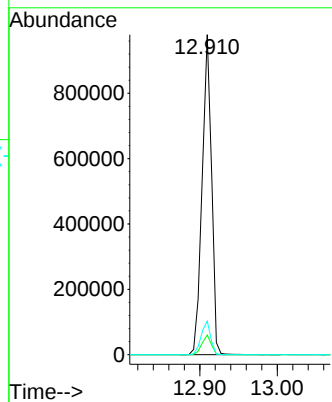
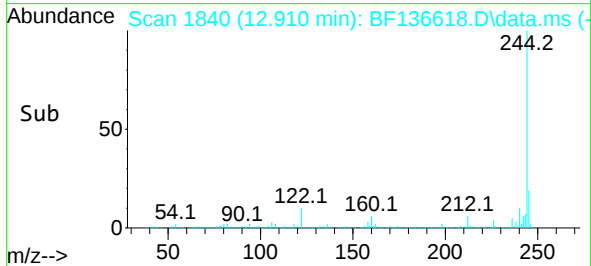


#79
 Terphenyl-d14
 Concen: 51.905 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF136618.D
 Acq: 18 Dec 2023 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5



Tgt Ion:244 Resp: 825490
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF136618.D
 Acq: 18 Dec 2023 17:05

Tgt Ion:264 Resp: 253304
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.5 15.9 23.9

