

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136619.D
 Acq On : 18 Dec 2023 17:36
 Operator : CG\JU
 Sample : 05758-28RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-4RE

Quant Time: Dec 18 18:22:13 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	6.787	152	98320	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	365052	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	163107	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	241521	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212890	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	252548	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	685897	103.026	ng	0.01
7) Phenol-d6	6.434	99	825551	99.389	ng	0.00
23) Nitrobenzene-d5	7.351	82	487556	72.202	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	167263	83.169	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	939818	78.622	ng	0.00
79) Terphenyl-d14	12.910	244	799741	49.514	ng	0.00

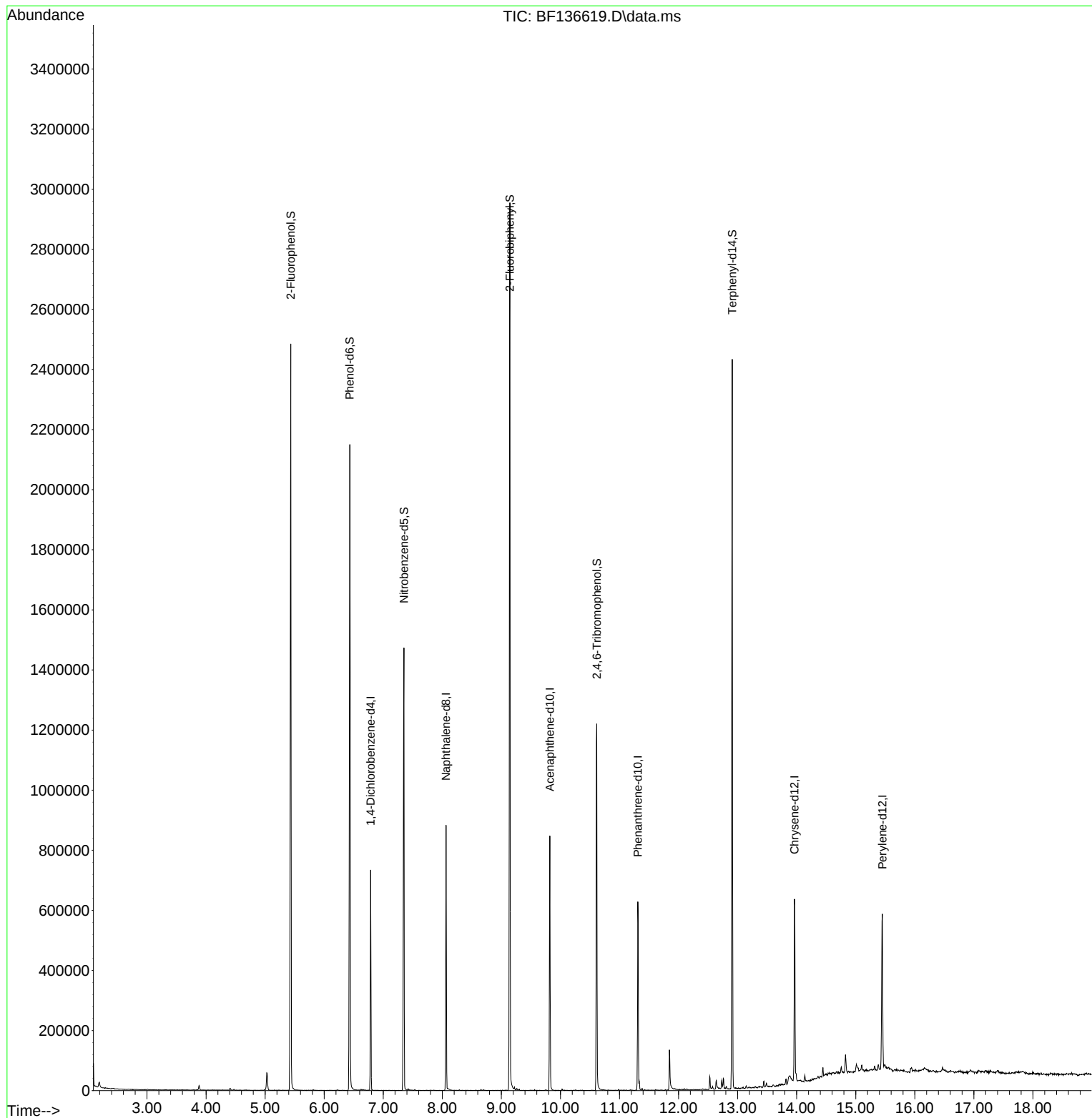
Target Compounds	Qvalue

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

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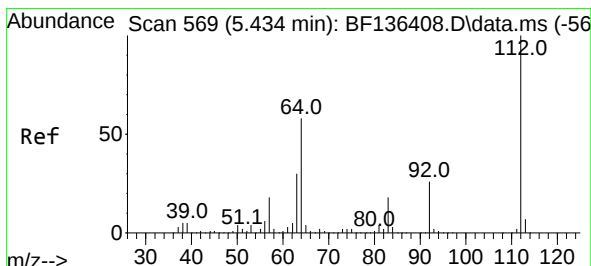
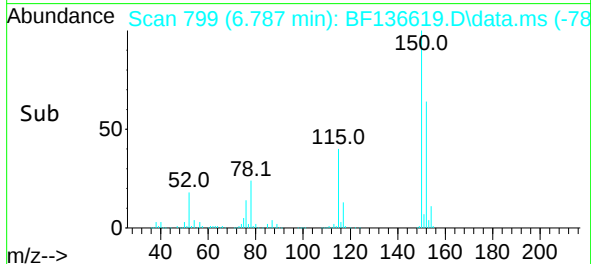
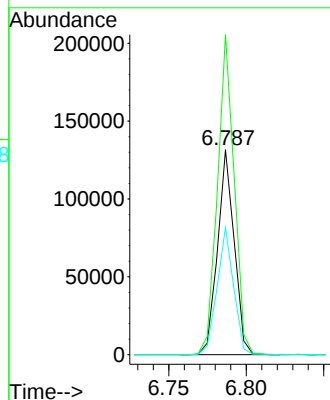
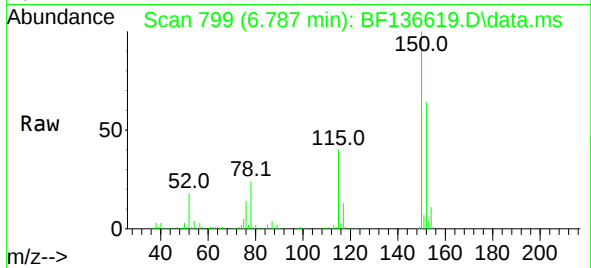




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

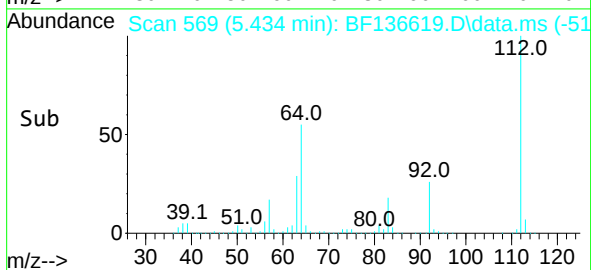
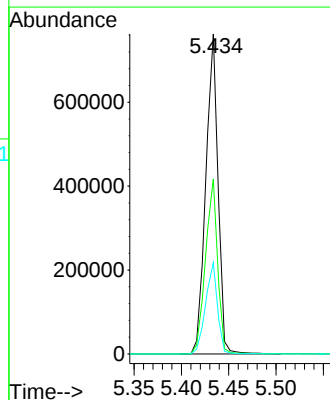
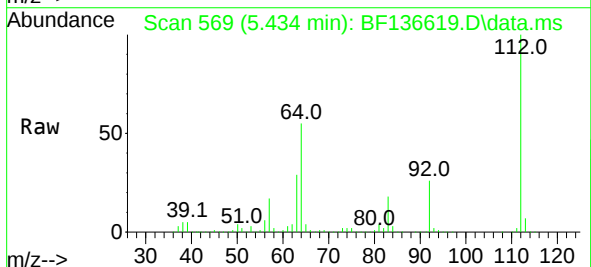
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

Tgt Ion:152 Resp: 98320
Ion Ratio Lower Upper
152 100
150 156.1 126.4 189.6
115 62.0 48.2 72.4



#5
2-Fluorophenol
Concen: 103.026 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion:112 Resp: 685897
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 28.5 23.9 35.9

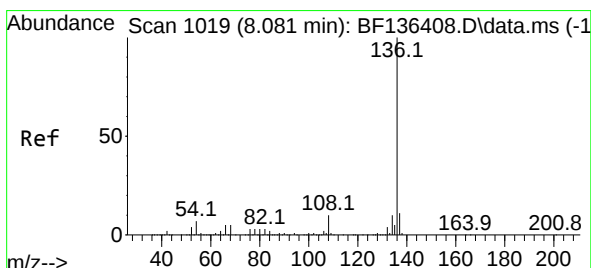
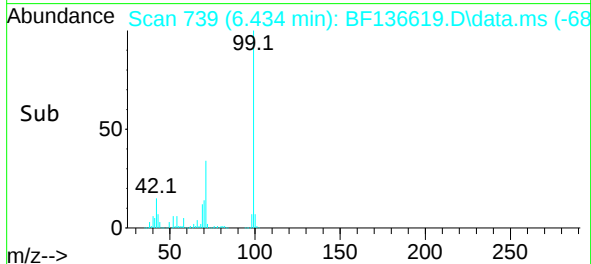
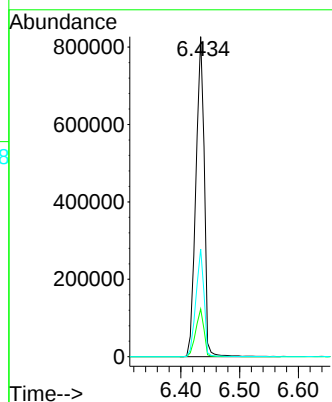
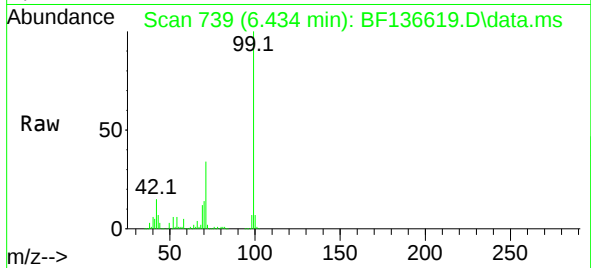




#7
Phenol-d6
Concen: 99.389 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

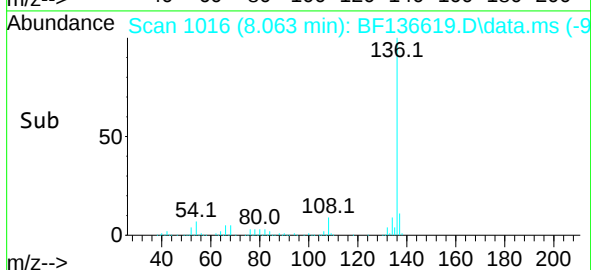
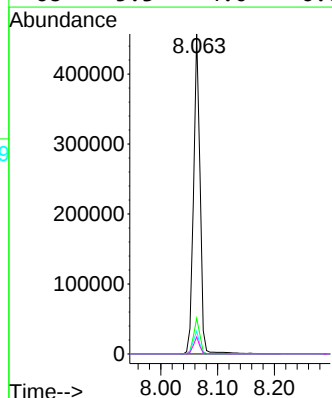
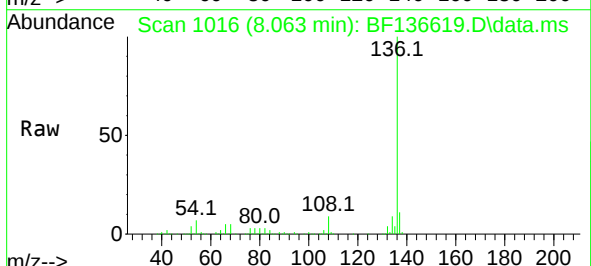
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

Tgt Ion: 99 Resp: 825551
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 33.6 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: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion: 136 Resp: 365052
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 72.202 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136619.D

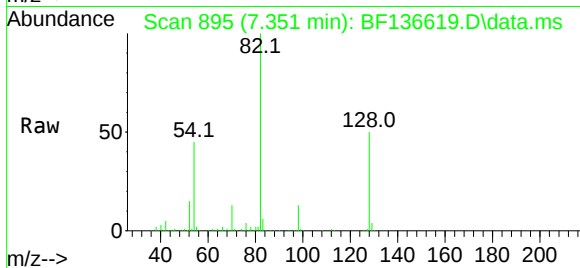
Acq: 18 Dec 2023 17:36

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4RE



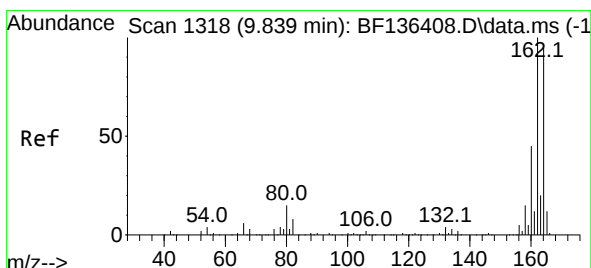
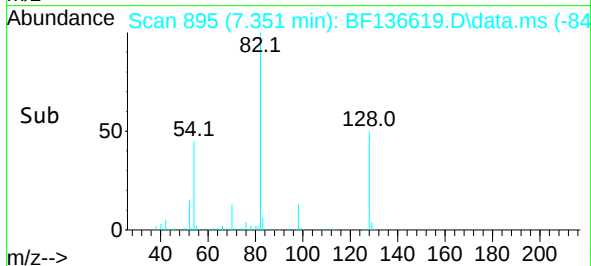
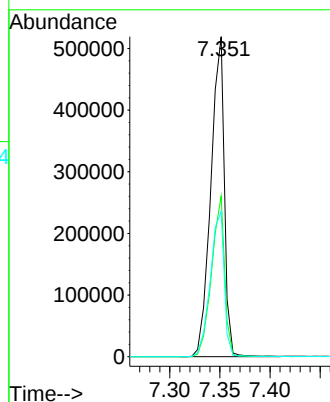
Tgt Ion: 82 Resp: 487556

Ion Ratio Lower Upper

82 100

128 50.1 36.3 54.5

54 45.3 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: BF136619.D

Acq: 18 Dec 2023 17:36

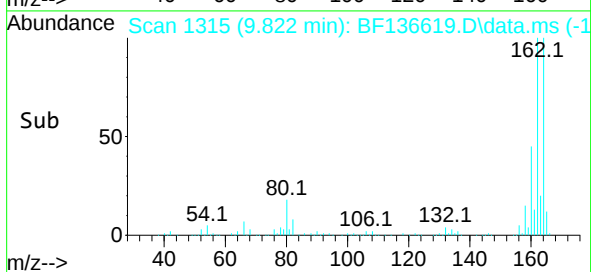
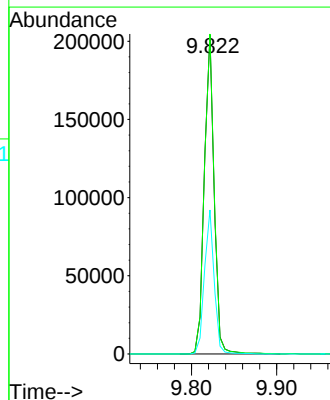
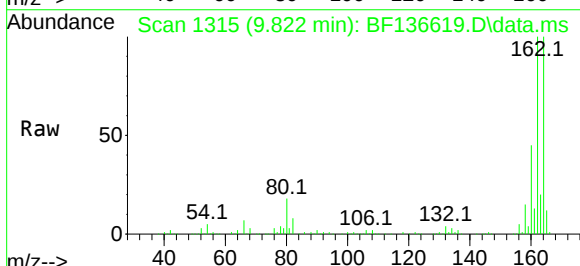
Tgt Ion: 164 Resp: 163107

Ion Ratio Lower Upper

164 100

162 100.3 84.4 126.6

160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 83.169 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4RE

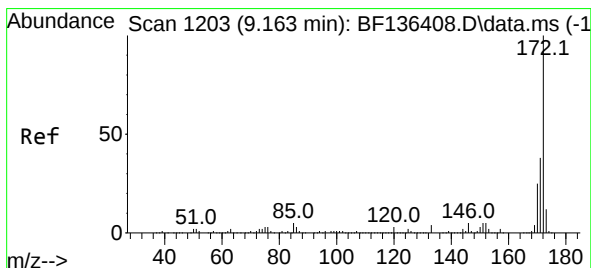
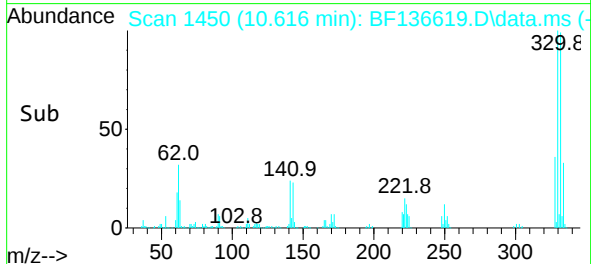
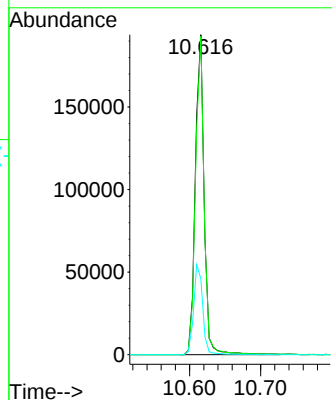
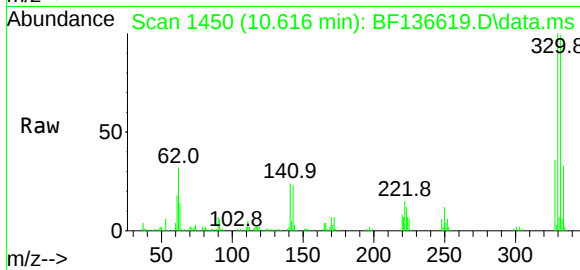
Tgt Ion:330 Resp: 167263

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 78.622 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

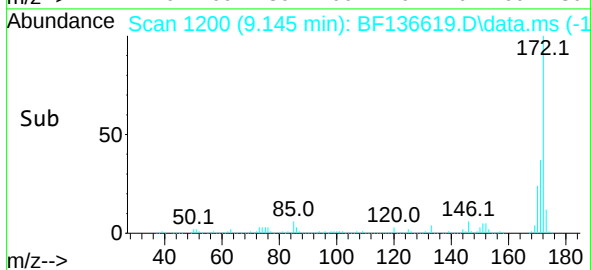
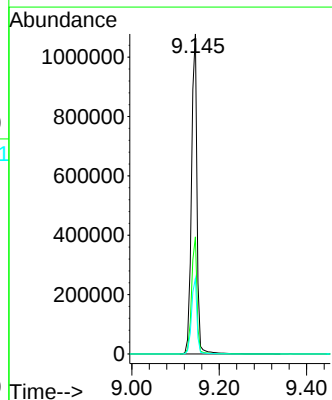
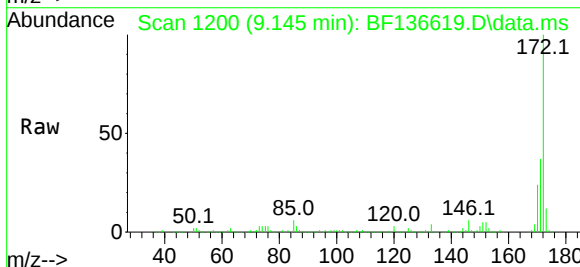
Tgt Ion:172 Resp: 939818

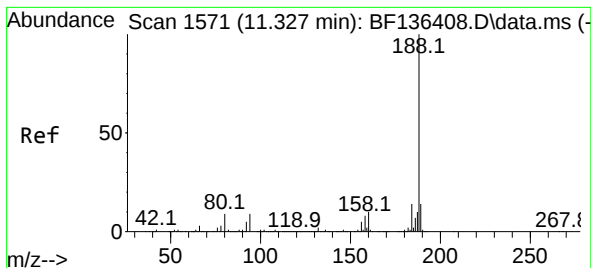
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 23.6 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4RE

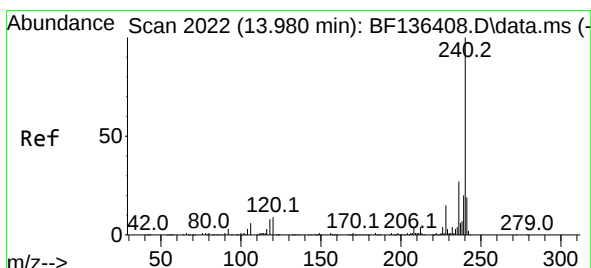
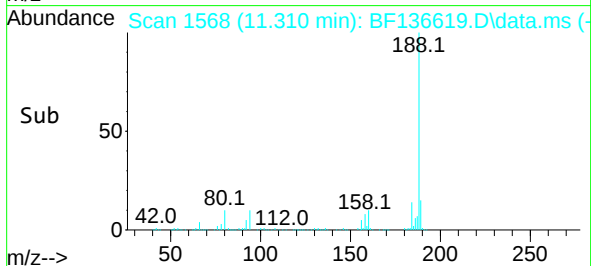
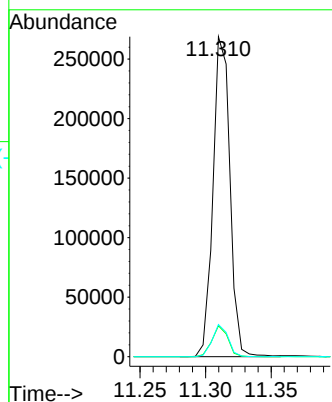
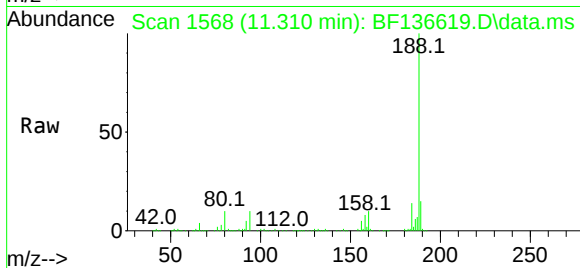
Tgt Ion:188 Resp: 241521

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.1 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

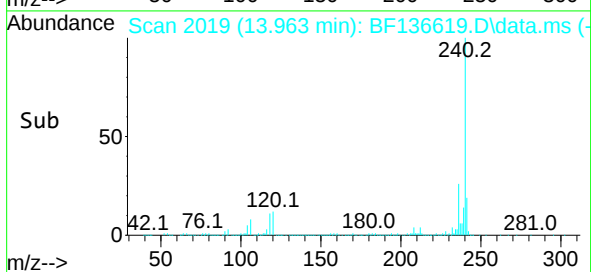
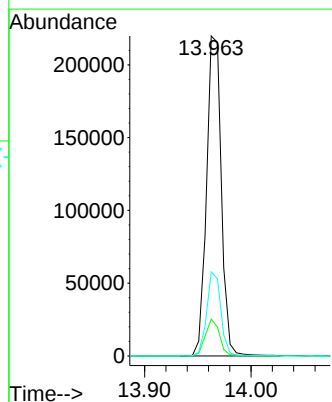
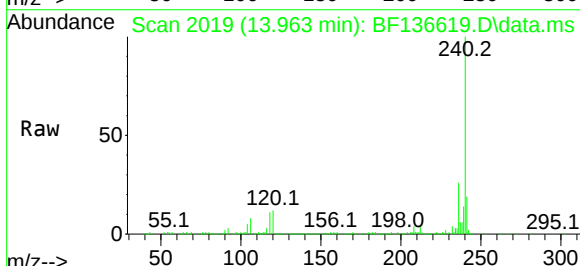
Tgt Ion:240 Resp: 212890

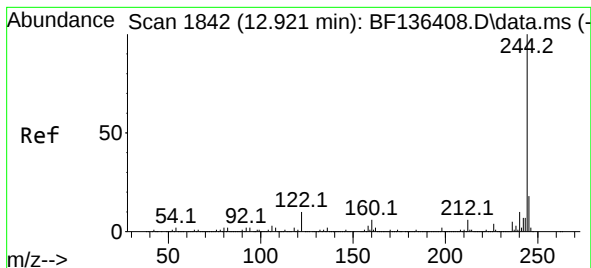
Ion Ratio Lower Upper

240 100

120 11.5 7.3 10.9#

236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 49.514 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136619.D

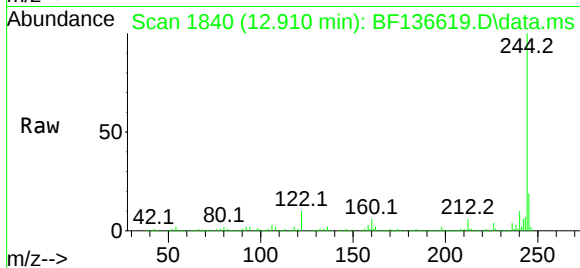
Acq: 18 Dec 2023 17:36

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4RE



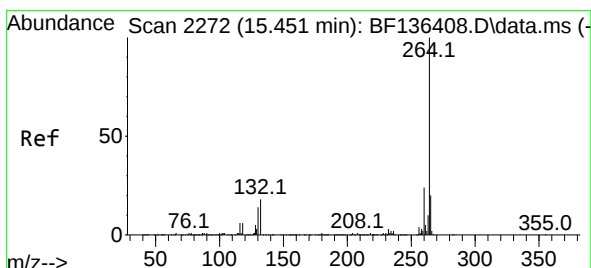
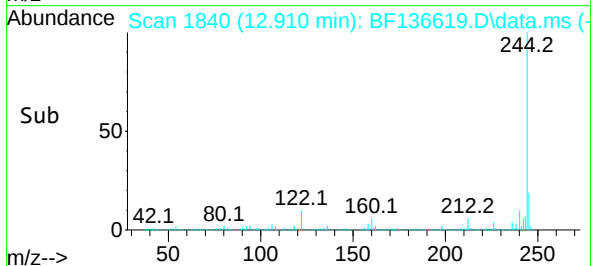
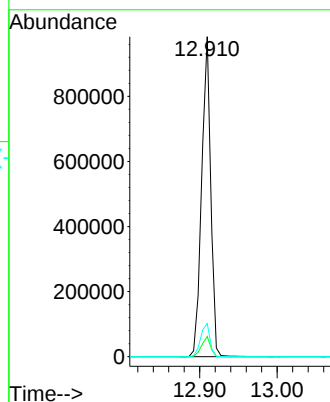
Tgt Ion:244 Resp: 799741

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.3 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: BF136619.D

Acq: 18 Dec 2023 17:36

Tgt Ion:264 Resp: 252548

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 15.9 23.9

