

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136595.D
 Acq On : 15 Dec 2023 16:25
 Operator : CG\JU
 Sample : 05758-37
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5

Quant Time: Dec 16 02:03:54 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	88911	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323202	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	138178	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	225024	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212733	20.000	ng	0.00
86) Perylene-d12	15.439	264	208850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	619061	102.827	ng	0.01
7) Phenol-d6	6.434	99	718529	95.659	ng	0.00
23) Nitrobenzene-d5	7.345	82	429103	71.774	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	148768	87.318	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	819159	80.892	ng	0.00
79) Terphenyl-d14	12.904	244	799262	49.520	ng	0.00

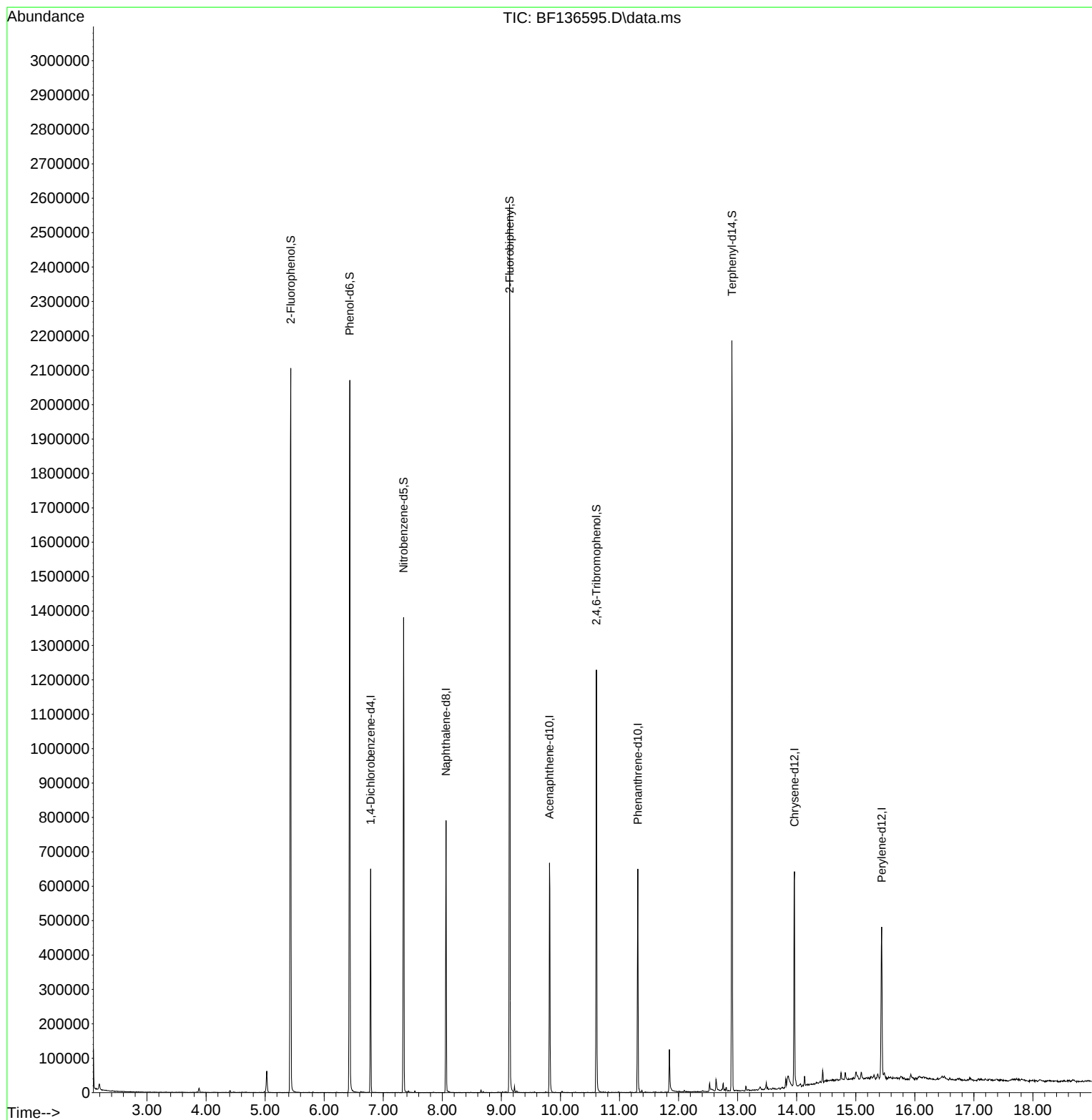
Target Compounds	Qvalue

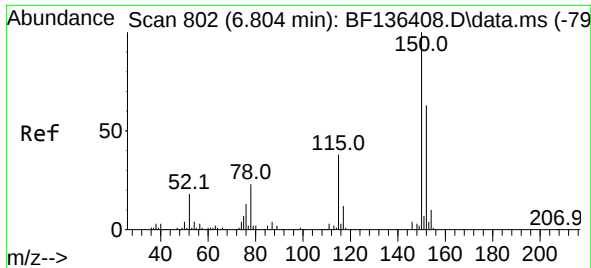
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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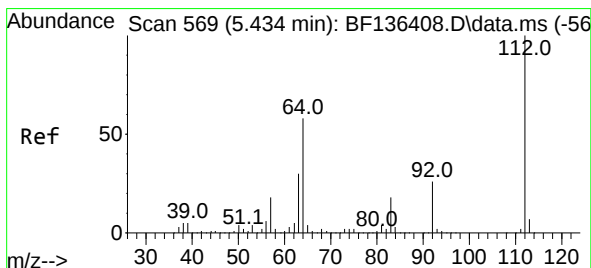
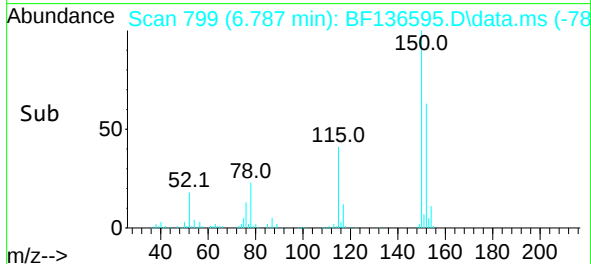
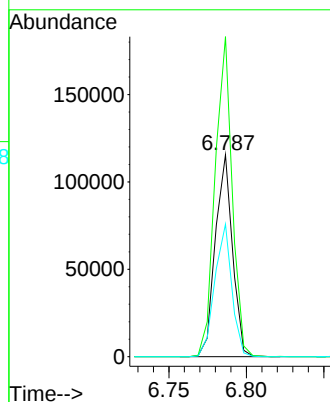
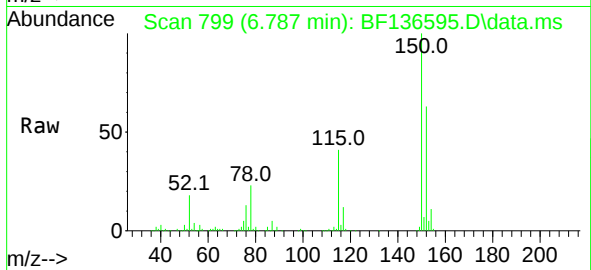




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

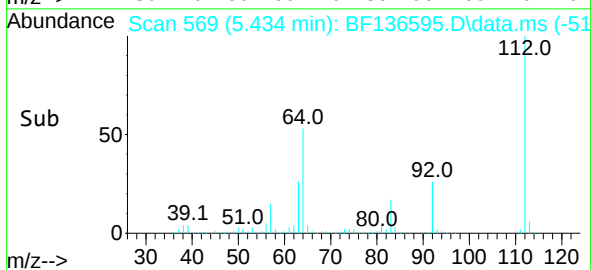
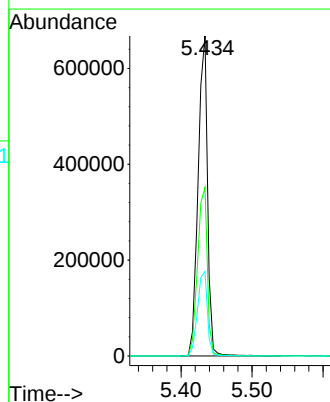
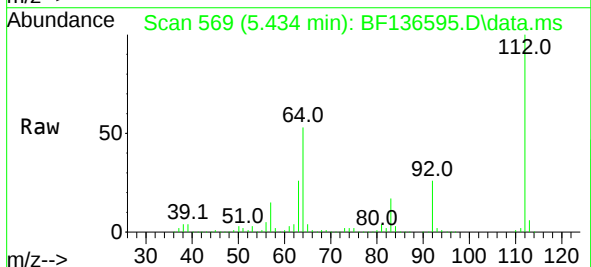
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

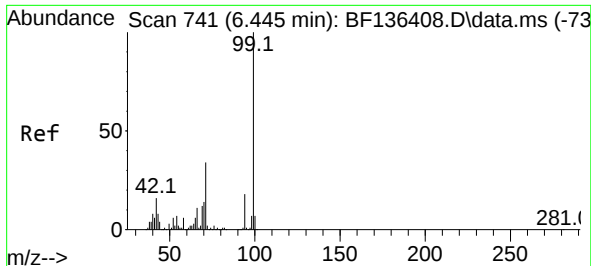
Tgt Ion:152 Resp: 88911
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 65.6 48.2 72.4



#5
2-Fluorophenol
Concen: 102.827 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion:112 Resp: 619061
Ion Ratio Lower Upper
112 100
64 52.7 46.5 69.7
63 26.4 23.9 35.9

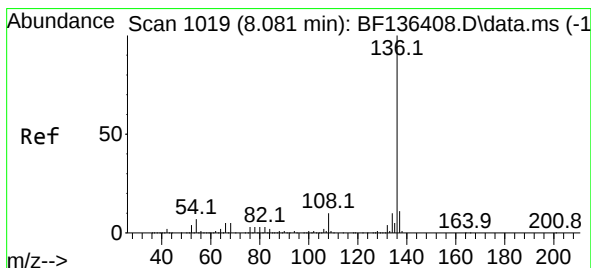
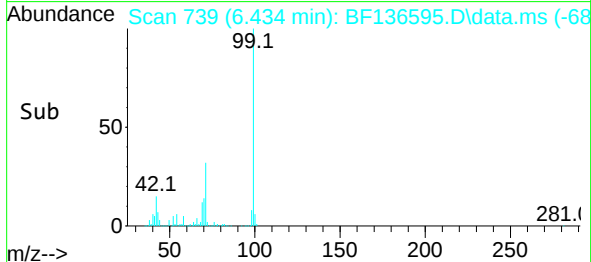
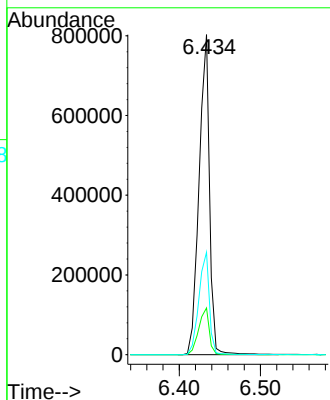
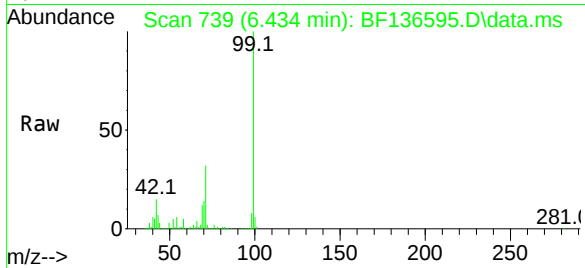




#7
Phenol-d6
Concen: 95.659 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

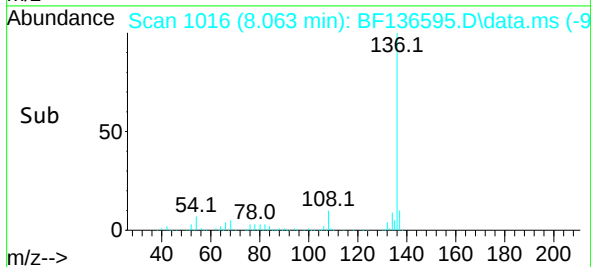
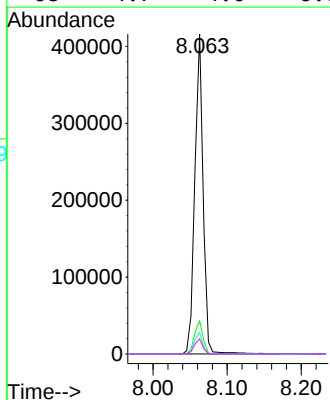
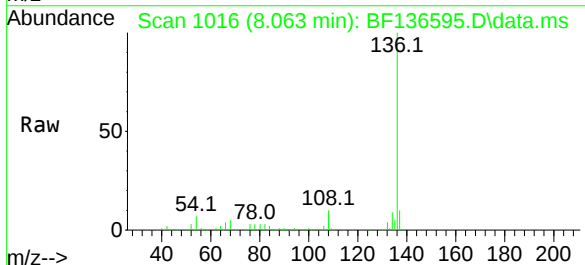
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

Tgt Ion: 99 Resp: 718529
Ion Ratio Lower Upper
99 100
42 14.6 12.8 19.2
71 32.0 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: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion: 136 Resp: 323202
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.6 5.7 8.5
68 4.7 4.0 6.0





#23

Nitrobenzene-d5

Concen: 71.774 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136595.D

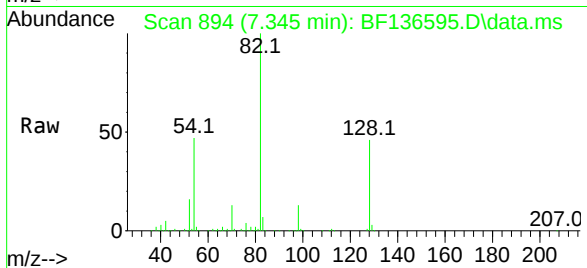
Acq: 15 Dec 2023 16:25

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5



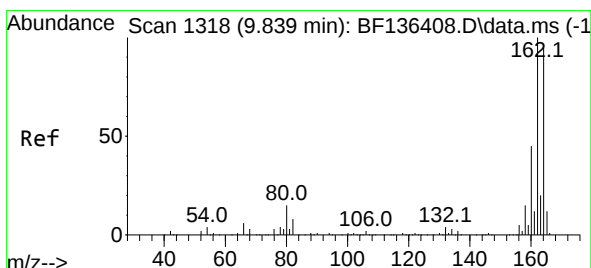
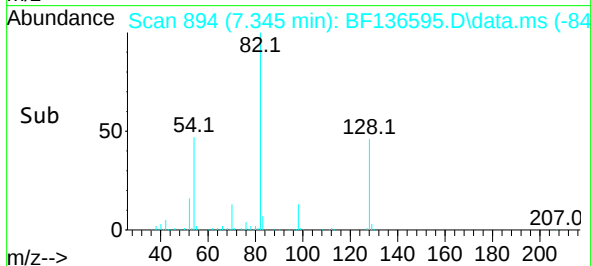
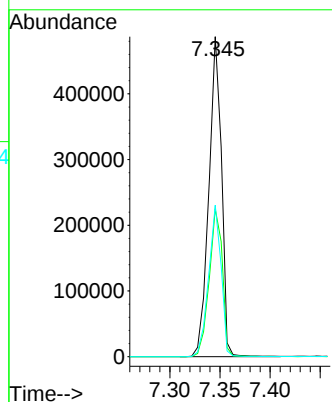
Tgt Ion: 82 Resp: 429103

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

54 47.4 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

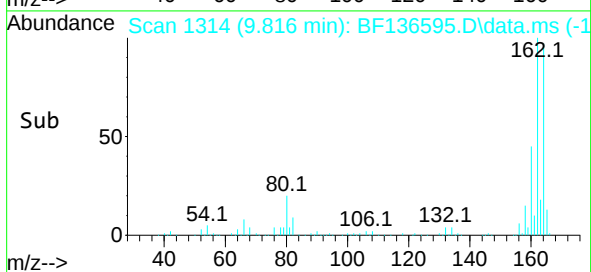
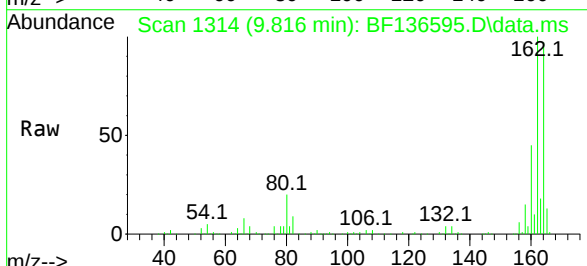
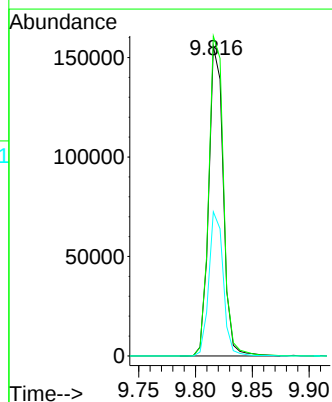
Tgt Ion:164 Resp: 138178

Ion Ratio Lower Upper

164 100

162 103.3 84.4 126.6

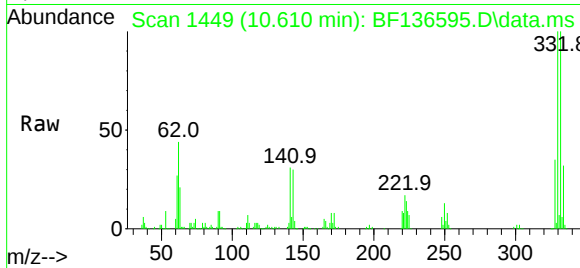
160 46.5 37.6 56.4



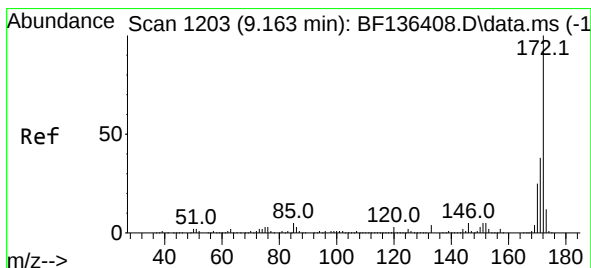
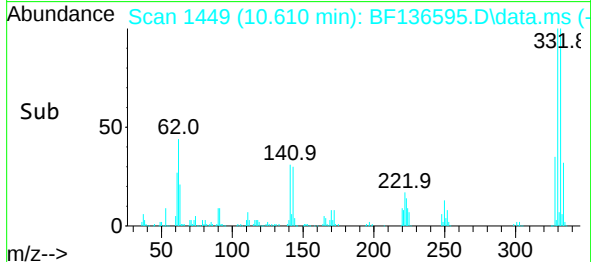
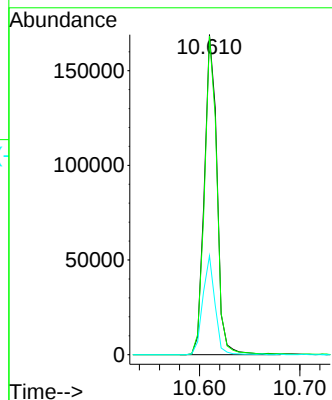


#42
2,4,6-Tribromophenol
Concen: 87.318 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

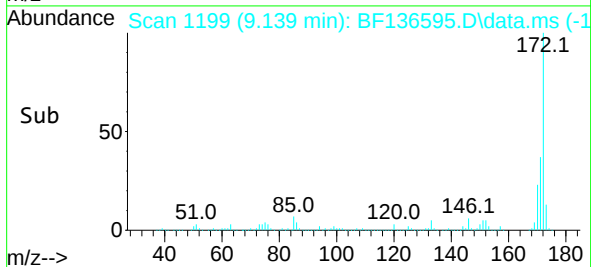
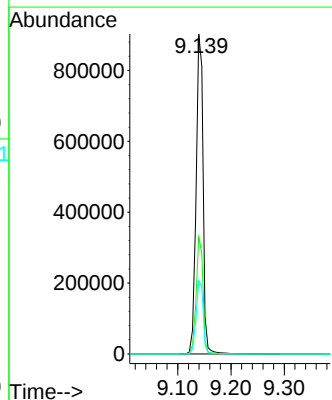
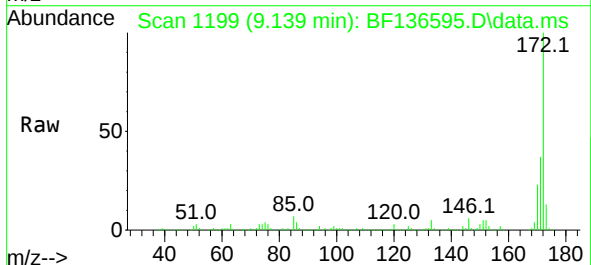


Tgt Ion:330 Resp: 148768
Ion Ratio Lower Upper
330 100
332 97.9 76.4 114.6
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 80.892 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion:172 Resp: 819159
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 22.9 19.9 29.9

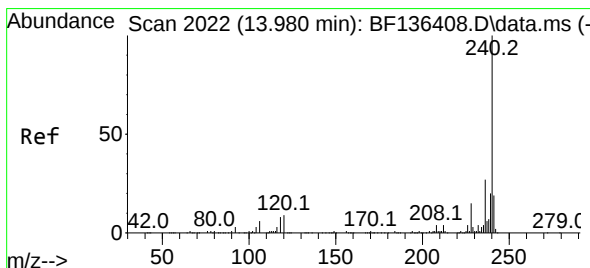
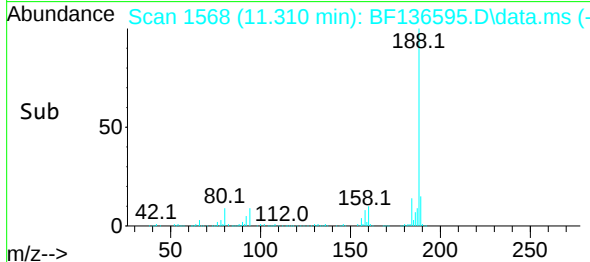
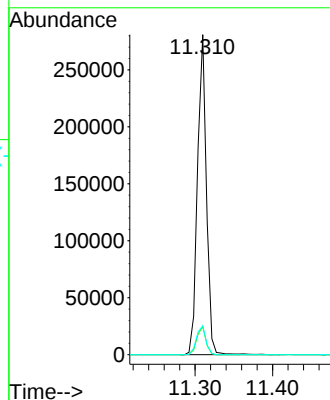
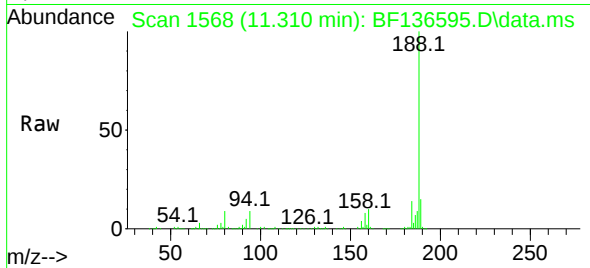




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

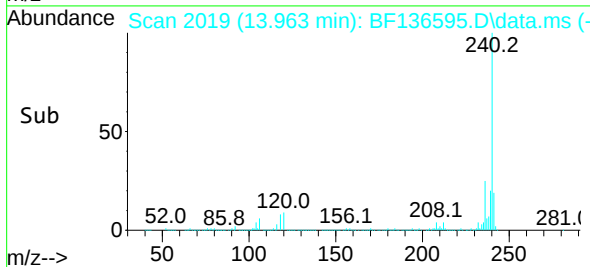
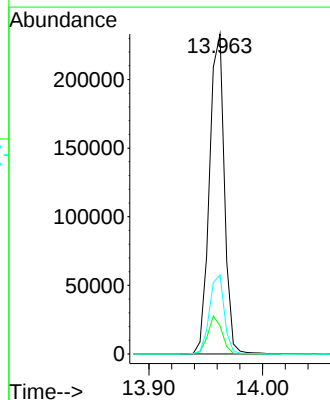
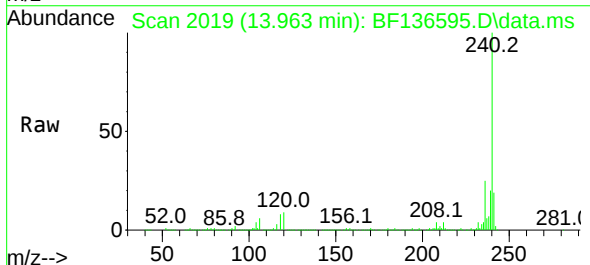
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

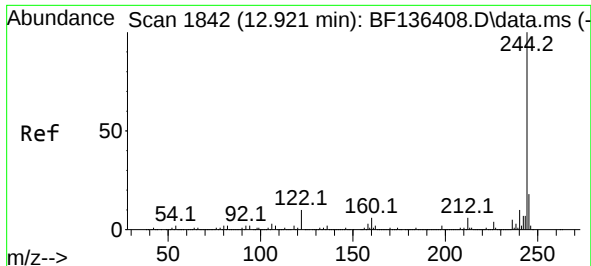
Tgt Ion:188 Resp: 225024
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

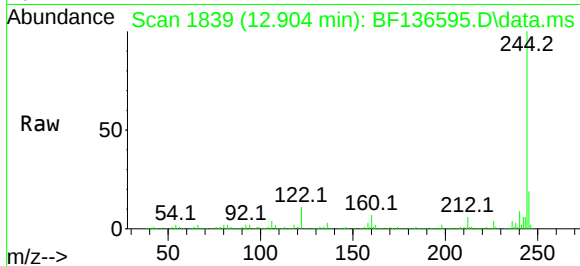
Tgt Ion:240 Resp: 212733
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 24.7 21.3 31.9



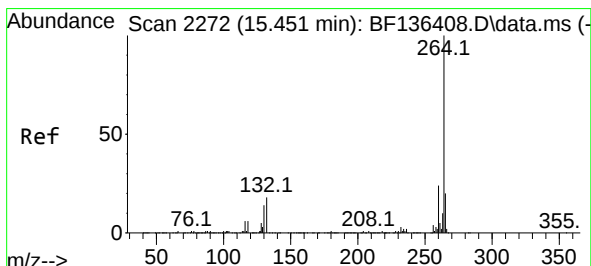
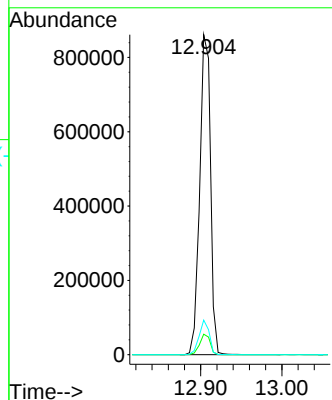
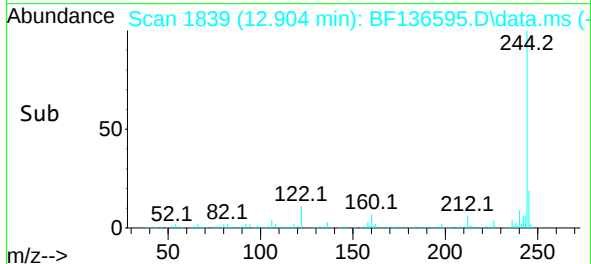


#79
 Terphenyl-d14
 Concen: 49.520 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF136595.D
 Acq: 15 Dec 2023 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5



Tgt Ion:244 Resp: 799262
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF136595.D
 Acq: 15 Dec 2023 16:25

Tgt Ion:264 Resp: 208850
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 15.9 23.9

