

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136599.D
 Acq On : 15 Dec 2023 18:32
 Operator : CG\JU
 Sample : 05758-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

Quant Time: Dec 16 02:05:36 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	94724	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	338594	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	145802	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	237277	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227625	20.000	ng	0.00
86) Perylene-d12	15.439	264	205793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	597353	93.132	ng	0.00
7) Phenol-d6	6.434	99	701393	87.647	ng	0.00
23) Nitrobenzene-d5	7.345	82	416322	66.471	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	148706	82.718	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	812100	76.001	ng	0.00
79) Terphenyl-d14	12.904	244	841603	48.732	ng	0.00

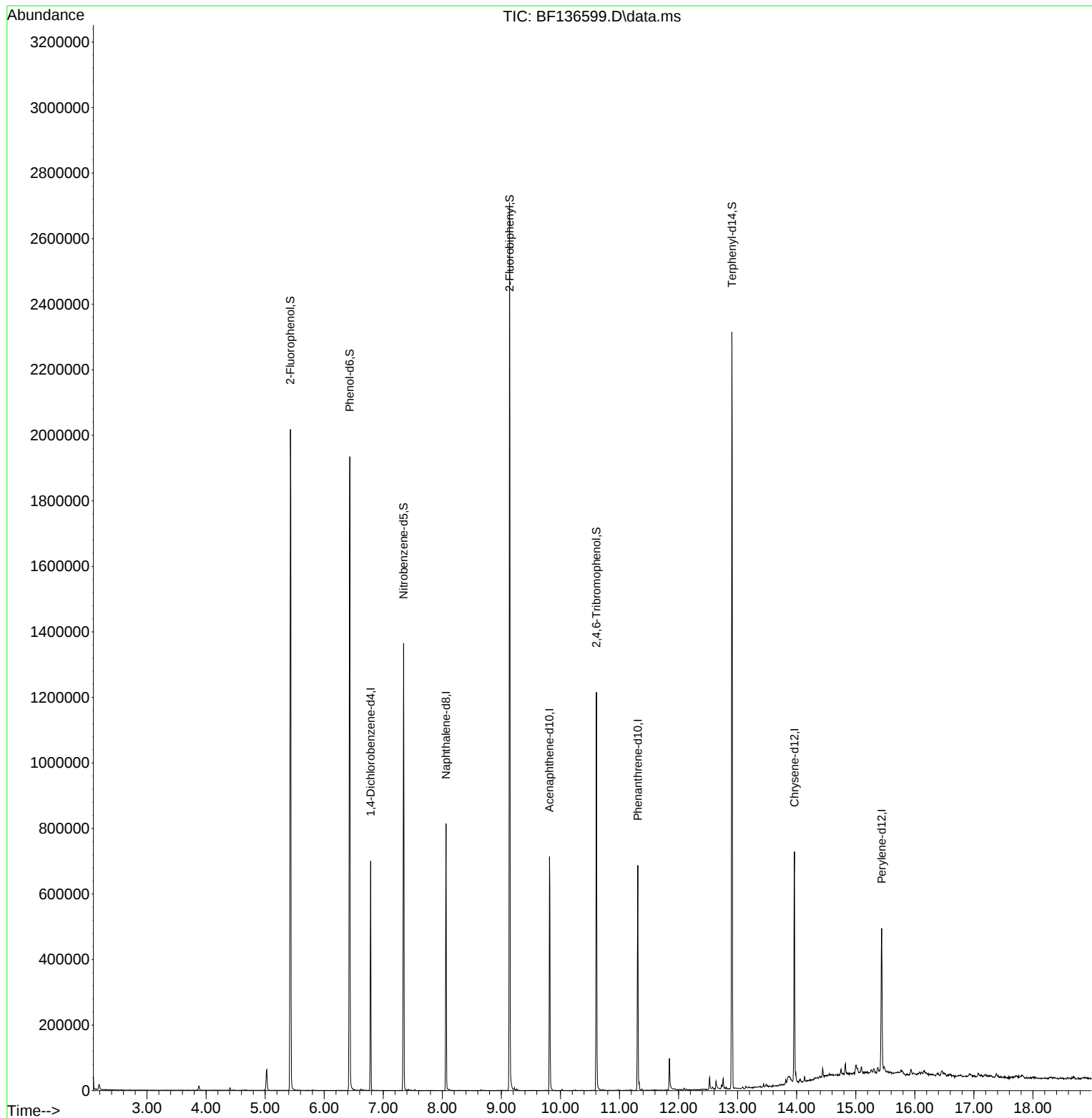
Target Compounds	Qvalue

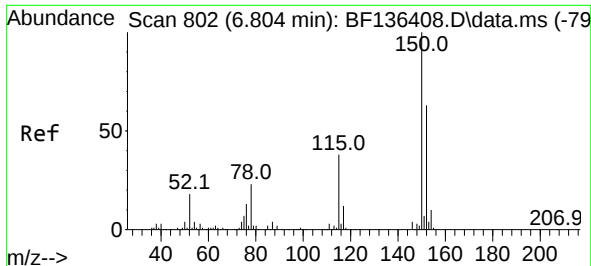
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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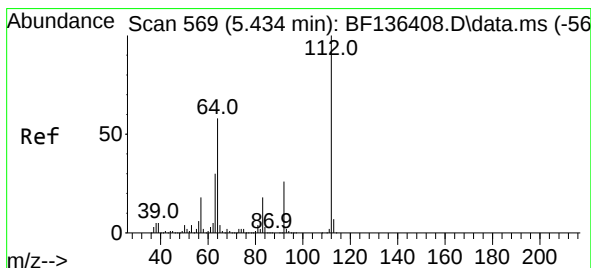
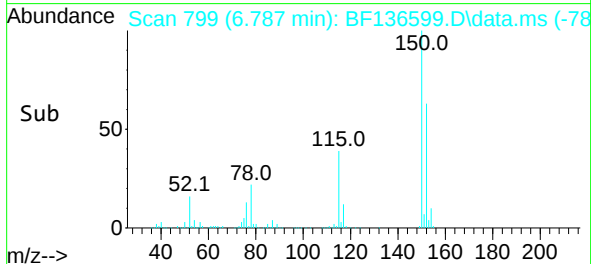
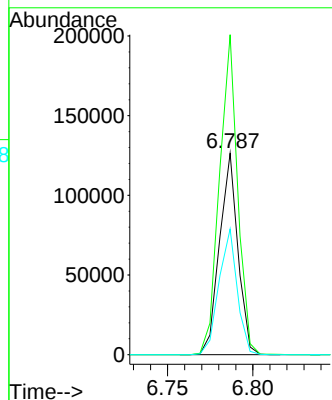
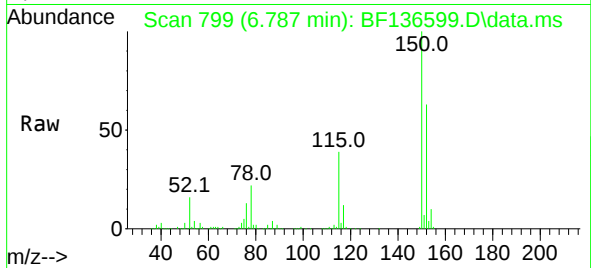




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

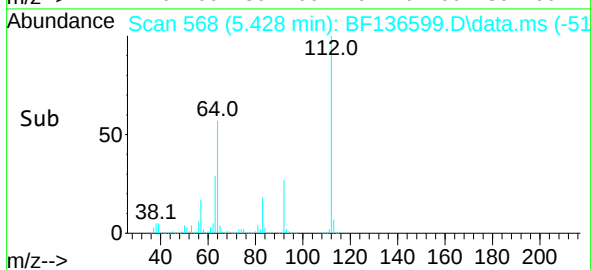
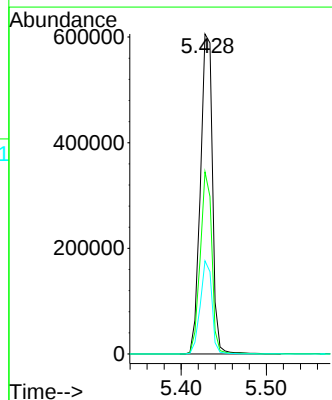
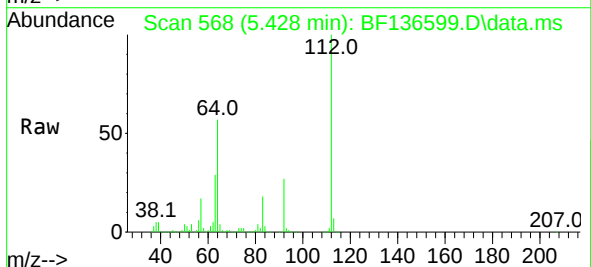
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

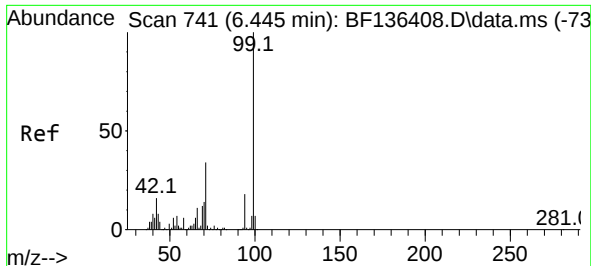
Tgt Ion:152 Resp: 94724
Ion Ratio Lower Upper
152 100
150 158.8 126.4 189.6
115 62.5 48.2 72.4



#5
2-Fluorophenol
Concen: 93.132 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

Tgt Ion:112 Resp: 597353
Ion Ratio Lower Upper
112 100
64 56.9 46.5 69.7
63 29.1 23.9 35.9

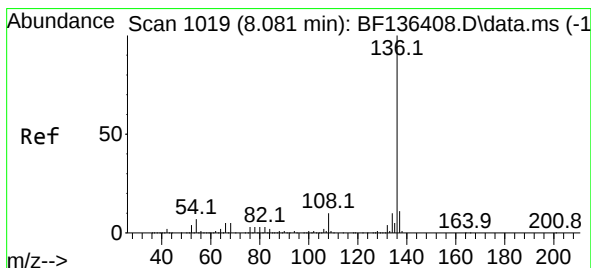
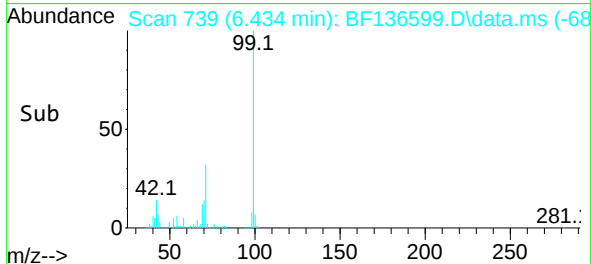
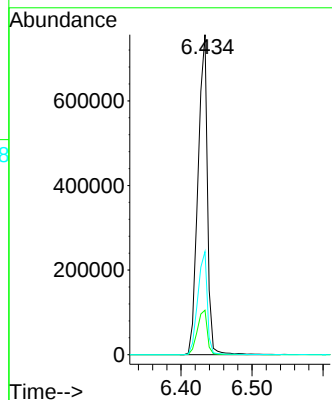
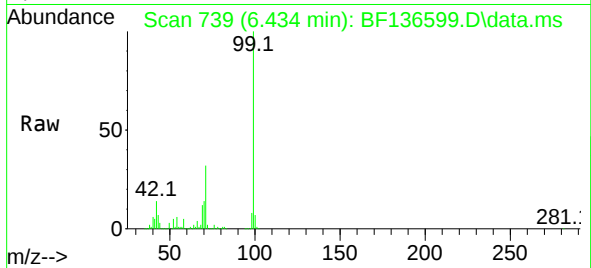




#7
Phenol-d6
Concen: 87.647 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

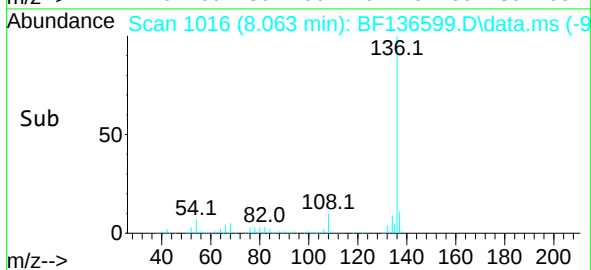
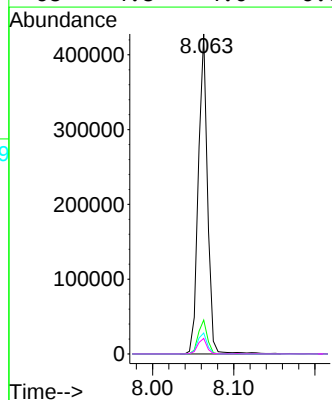
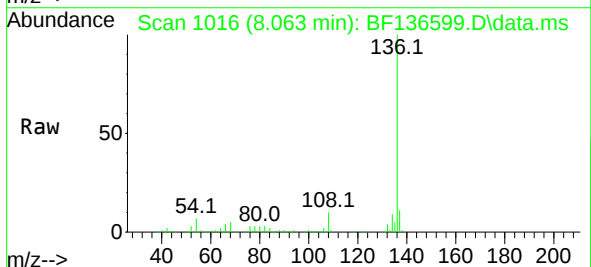
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tgt Ion: 99 Resp: 701393
Ion Ratio Lower Upper
99 100
42 13.9 12.8 19.2
71 32.2 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: BF136599.D
Acq: 15 Dec 2023 18:32

Tgt Ion: 136 Resp: 338594
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.5 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 66.471 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

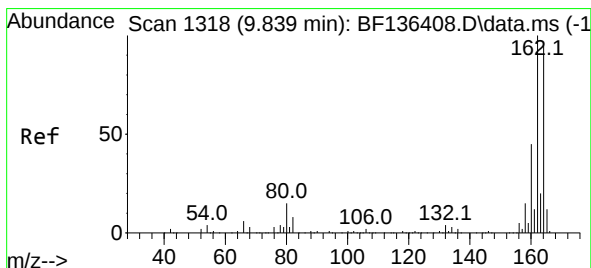
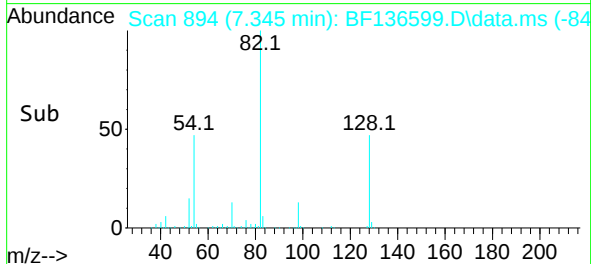
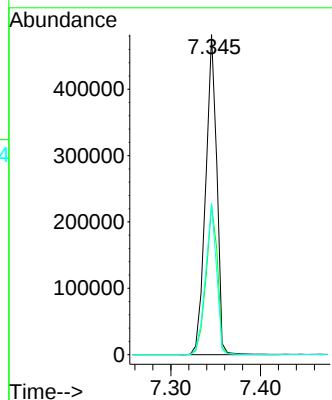
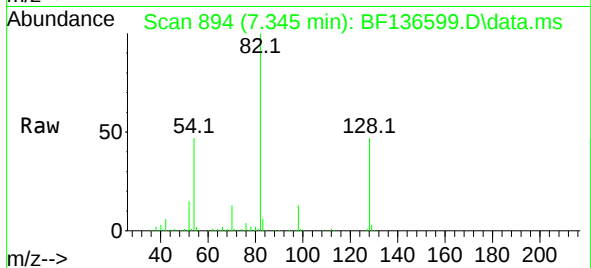
Tgt Ion: 82 Resp: 416322

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 47.2 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: BF136599.D

Acq: 15 Dec 2023 18:32

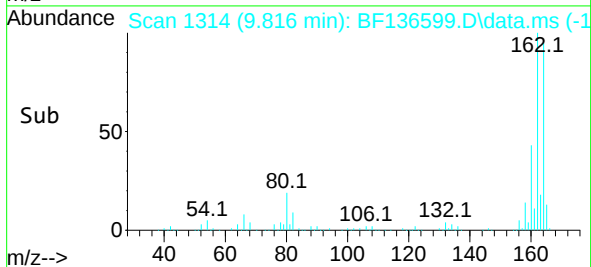
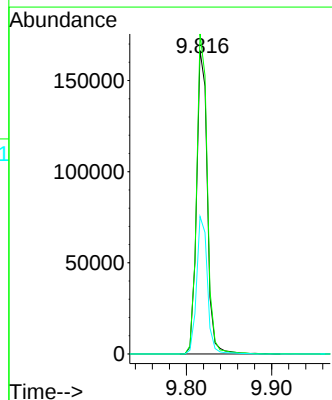
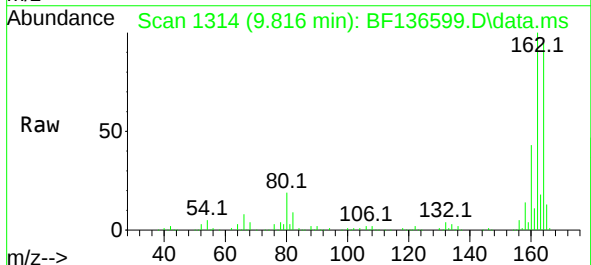
Tgt Ion:164 Resp: 145802

Ion Ratio Lower Upper

164 100

162 105.5 84.4 126.6

160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 82.718 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136599.D

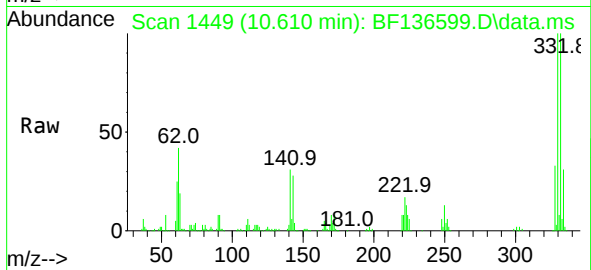
Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1



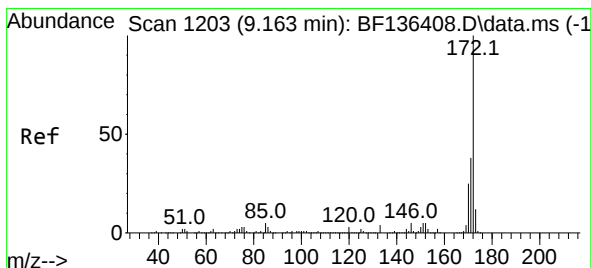
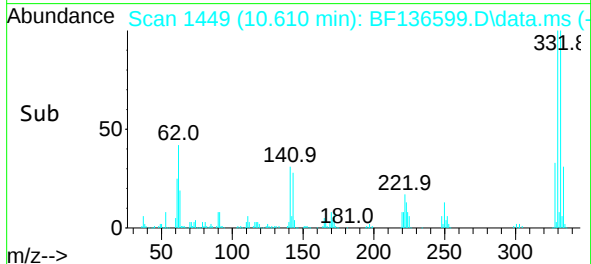
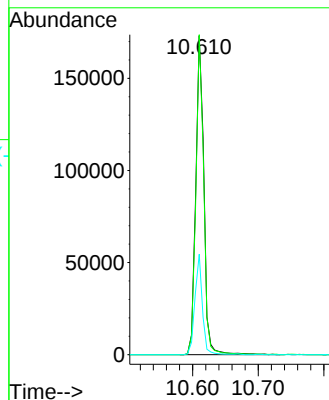
Tgt Ion:330 Resp: 148706

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.001 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

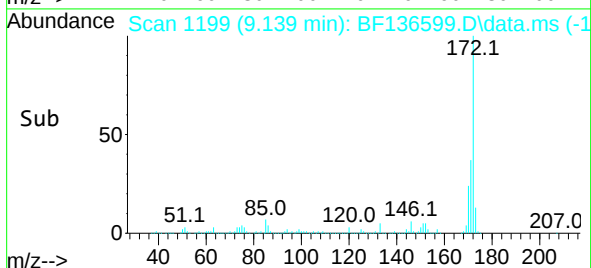
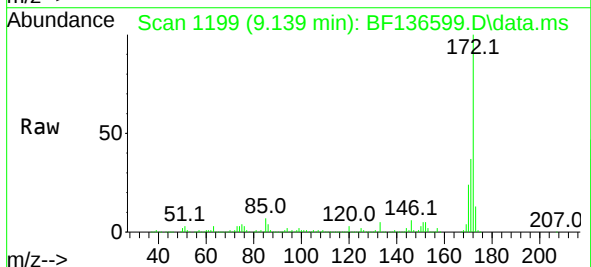
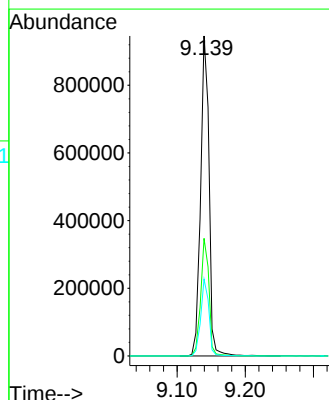
Tgt Ion:172 Resp: 812100

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.0 19.9 29.9

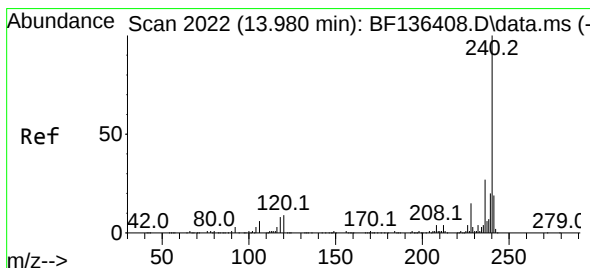
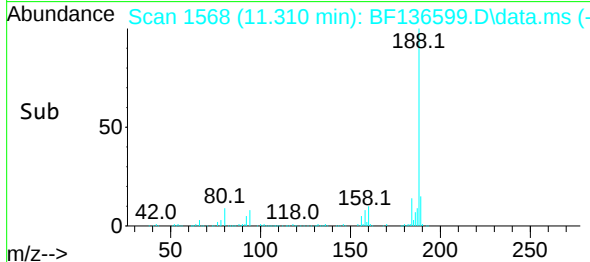
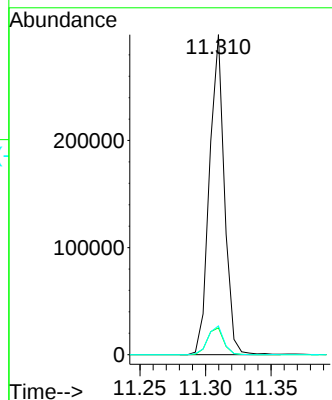
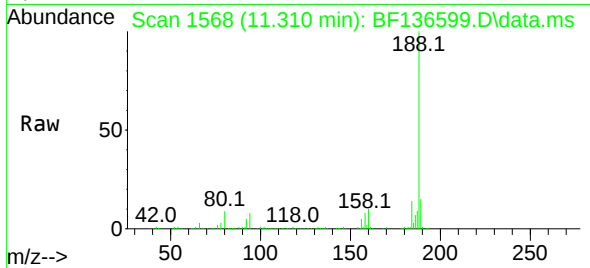




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

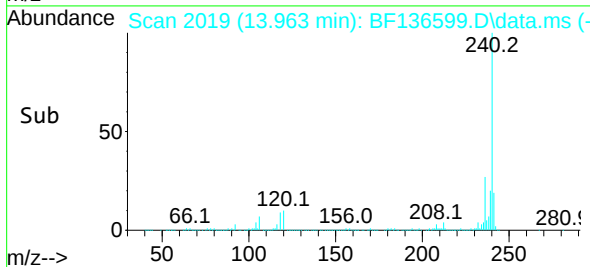
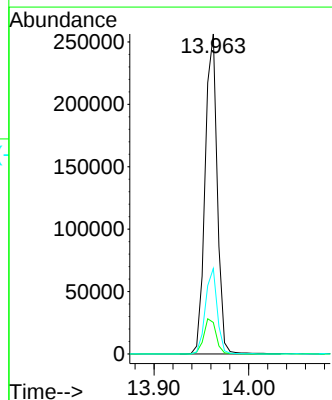
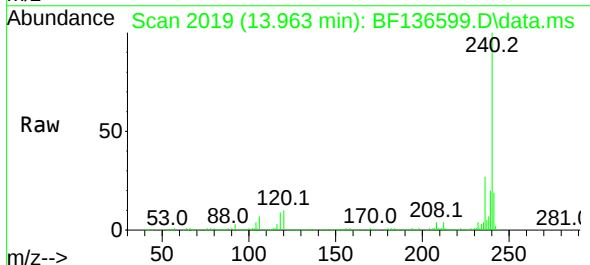
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

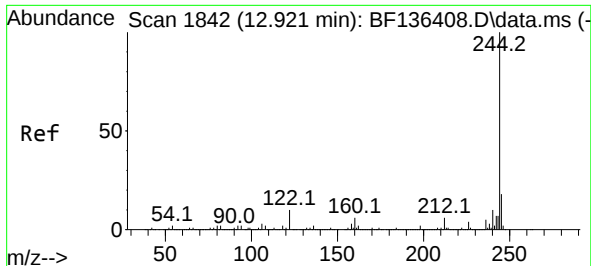
Tgt Ion:188 Resp: 237277
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

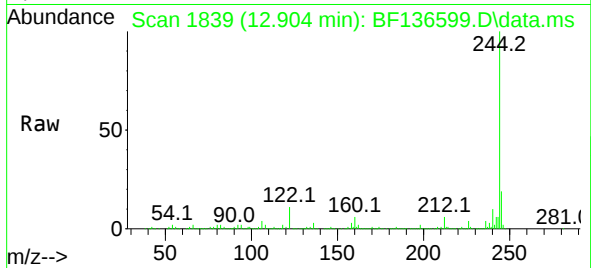
Tgt Ion:240 Resp: 227625
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 26.7 21.3 31.9



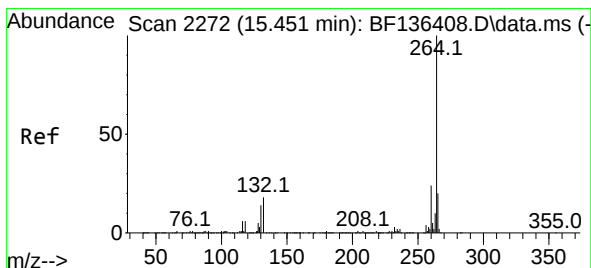
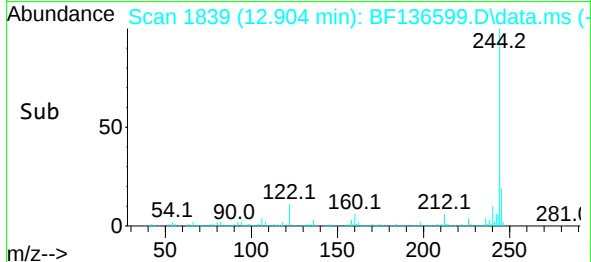
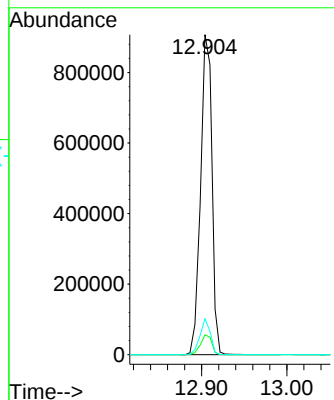


#79
 Terphenyl-d14
 Concen: 48.732 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF136599.D
 Acq: 15 Dec 2023 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1



Tgt Ion:244 Resp: 841603
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.2 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: BF136599.D
 Acq: 15 Dec 2023 18:32

Tgt Ion:264 Resp: 205793
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 23.1 15.9 23.9

