

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136601.D
 Acq On : 15 Dec 2023 19:35
 Operator : CG\JU
 Sample : 05758-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-4

Quant Time: Dec 16 02:06:03 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	81901	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294022	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	128307	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	221700	20.000	ng	0.00
76) Chrysene-d12	13.962	240	212548	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	167632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	593996	107.108	ng	0.01
7) Phenol-d6	6.434	99	677210	97.874	ng	0.00
23) Nitrobenzene-d5	7.345	82	400610	73.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	151697	95.887	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	765293	81.386	ng	0.00
79) Terphenyl-d14	12.910	244	878177	54.457	ng	0.00

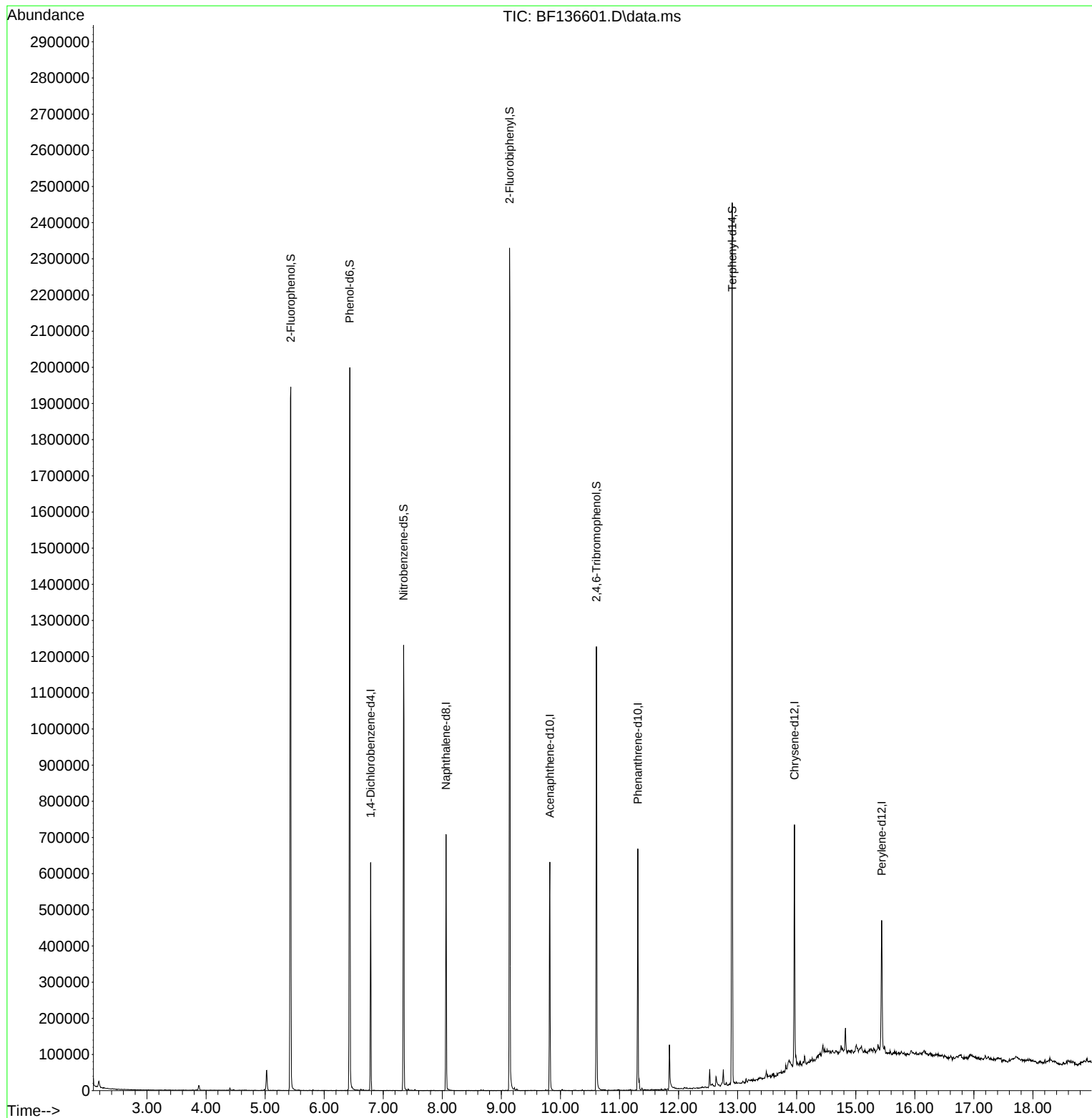
Target Compounds	Qvalue

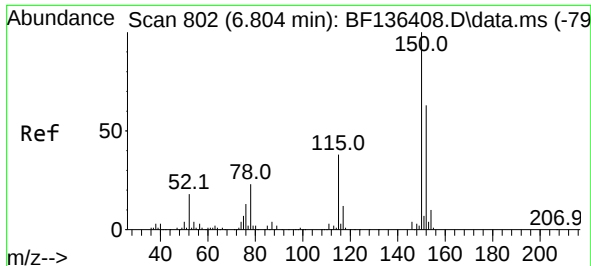
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136601.D
Acq On : 15 Dec 2023 19:35
Operator : CG\JU
Sample : 05758-28
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

Quant Time: Dec 16 02:06:03 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

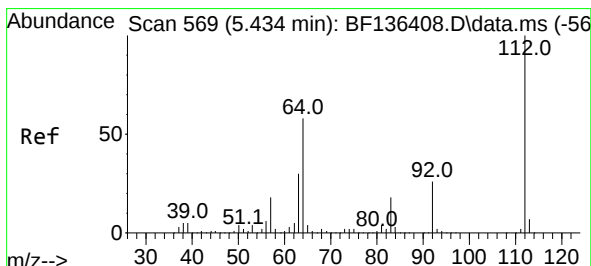
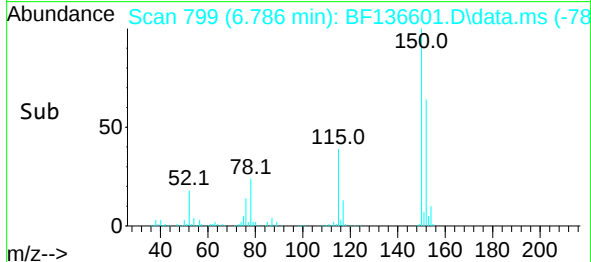
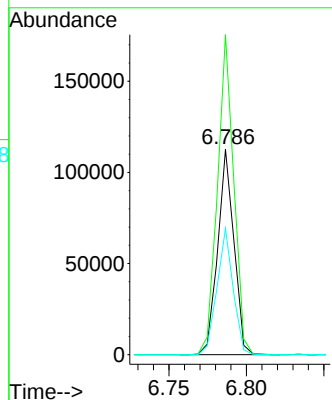
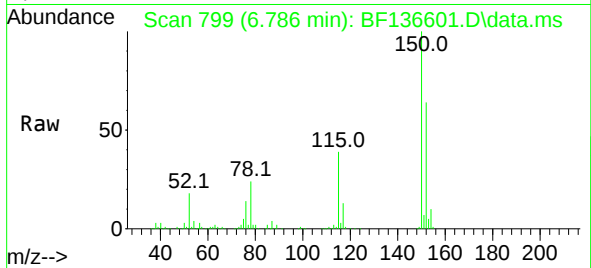




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

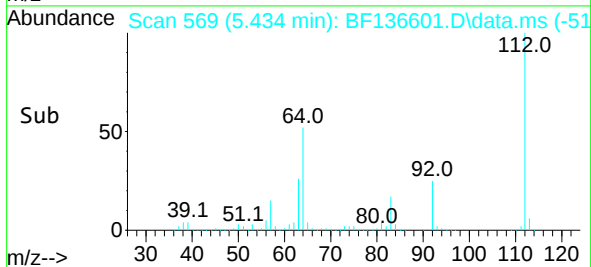
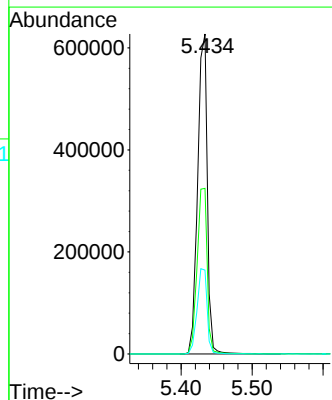
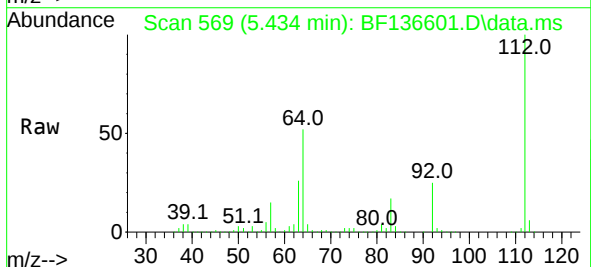
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

Tgt Ion:152 Resp: 81901
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 61.5 48.2 72.4



#5
2-Fluorophenol
Concen: 107.108 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion:112 Resp: 593996
Ion Ratio Lower Upper
112 100
64 51.8 46.5 69.7
63 26.2 23.9 35.9

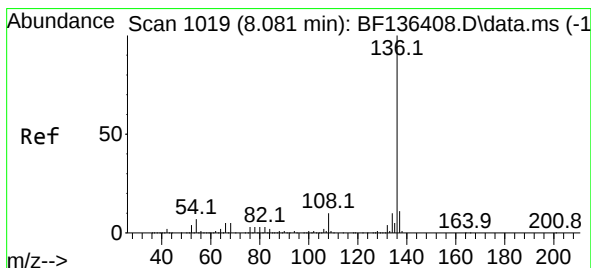
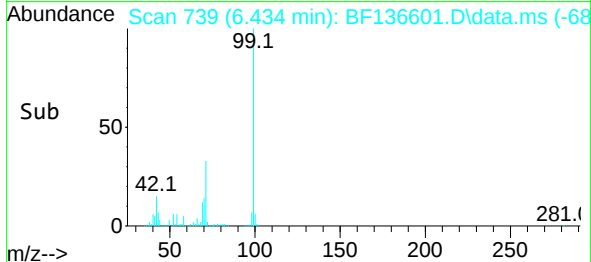
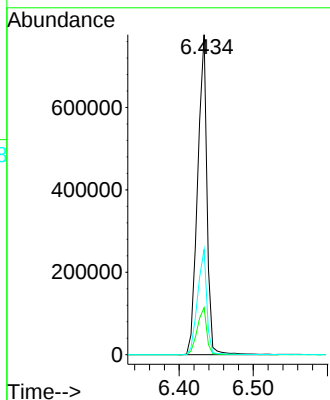
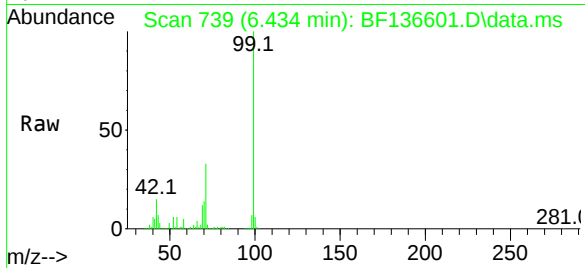




#7
Phenol-d6
Concen: 97.874 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

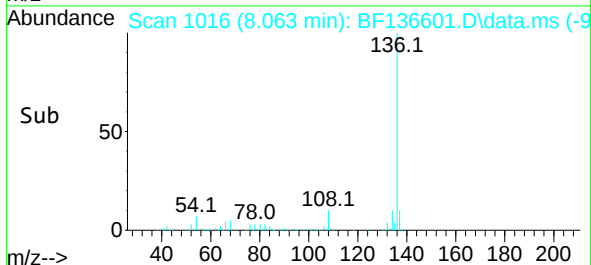
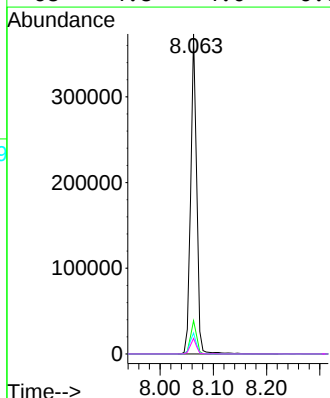
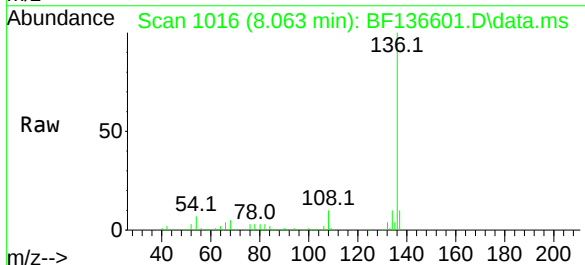
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

Tgt Ion: 99 Resp: 677210
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 32.9 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: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion: 136 Resp: 294022
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.6 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 73.658 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4

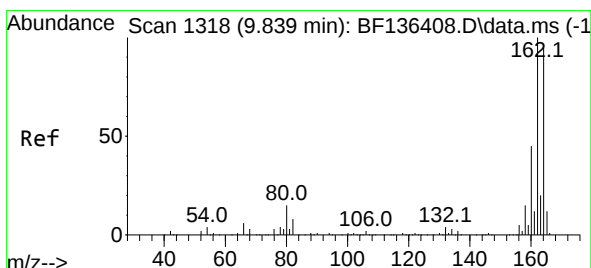
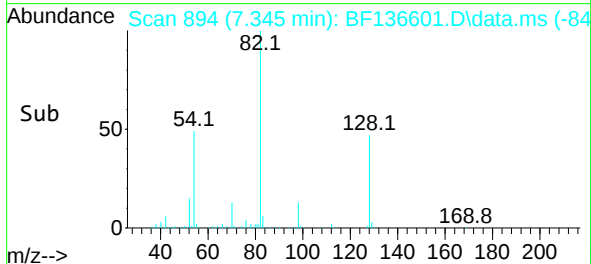
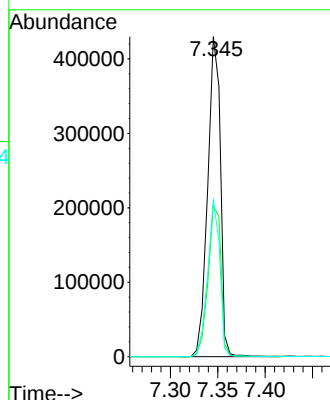
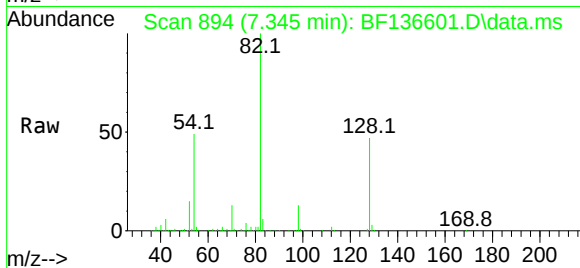
Tgt Ion: 82 Resp: 400610

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

54 48.8 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: BF136601.D

Acq: 15 Dec 2023 19:35

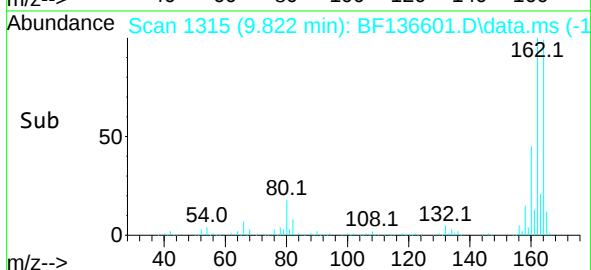
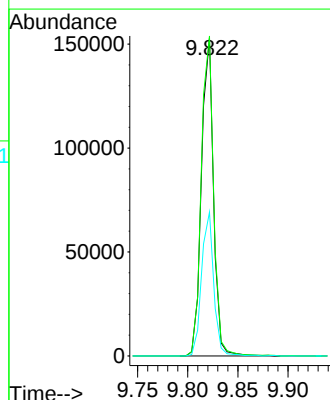
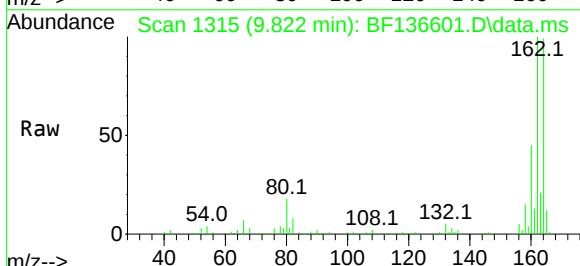
Tgt Ion: 164 Resp: 128307

Ion Ratio Lower Upper

164 100

162 100.5 84.4 126.6

160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 95.887 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136601.D

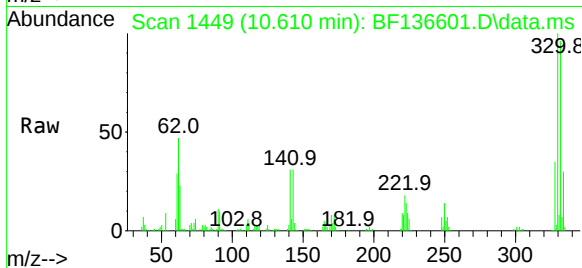
Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4



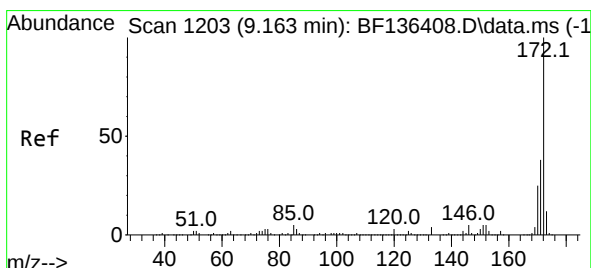
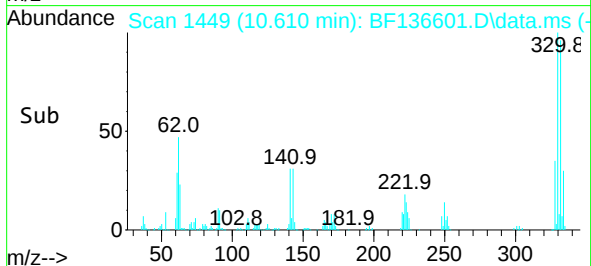
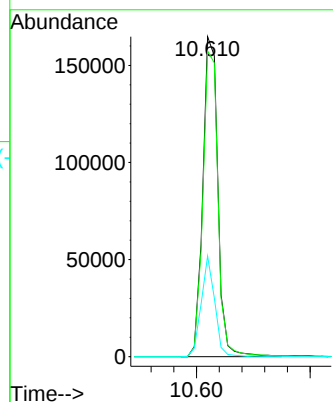
Tgt Ion:330 Resp: 151697

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.386 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

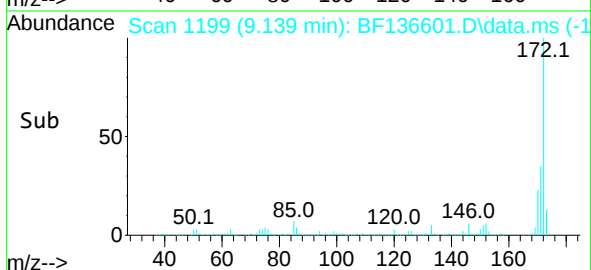
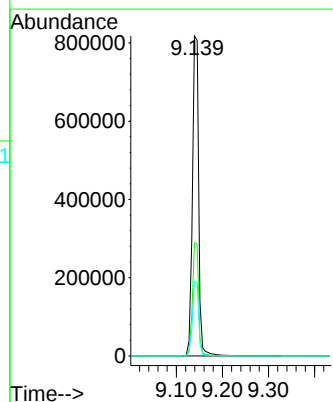
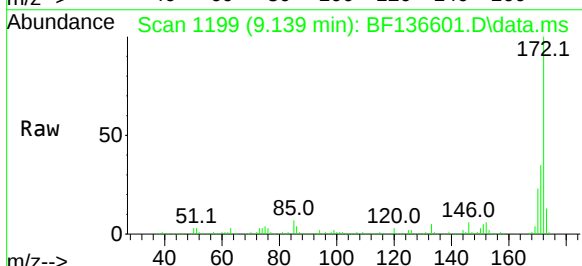
Tgt Ion:172 Resp: 765293

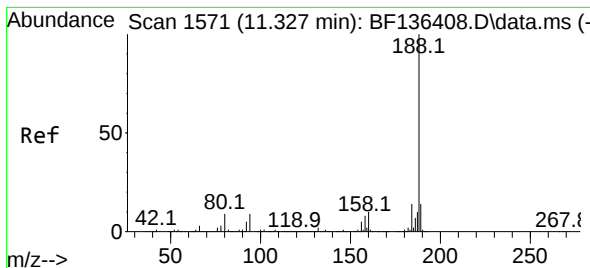
Ion Ratio Lower Upper

172 100

171 35.3 30.5 45.7

170 23.3 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: BF136601.D

Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4

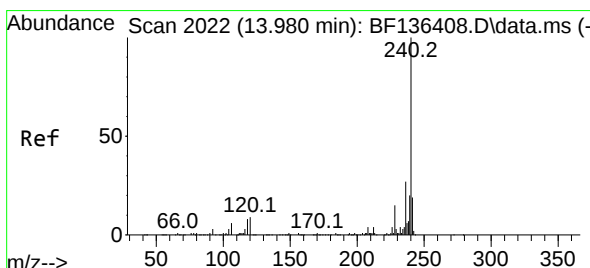
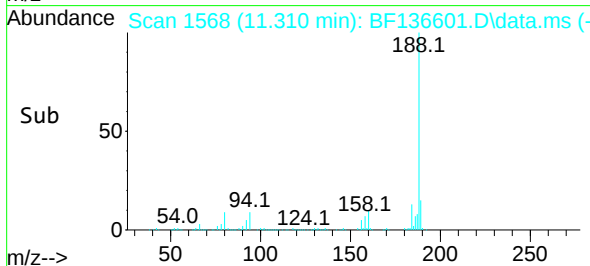
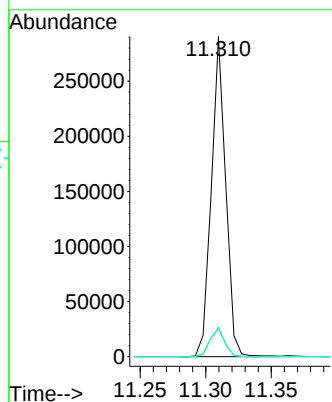
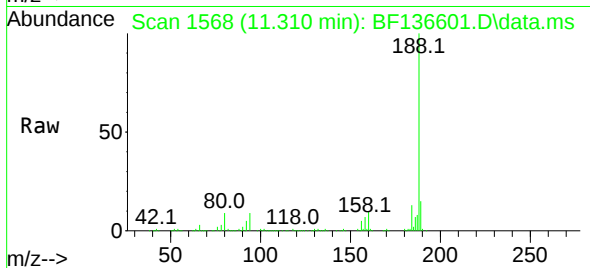
Tgt Ion:188 Resp: 221700

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 8.8 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: BF136601.D

Acq: 15 Dec 2023 19:35

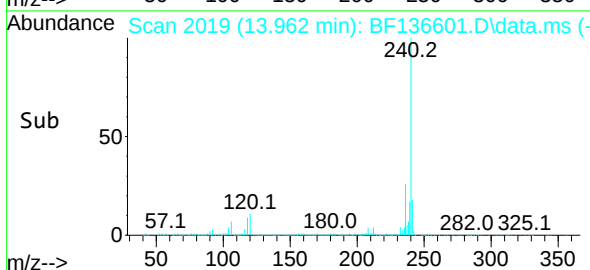
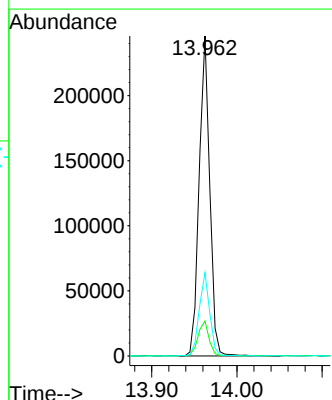
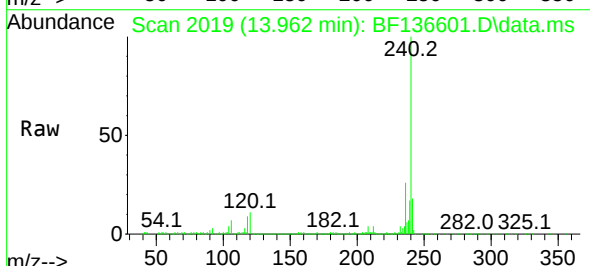
Tgt Ion:240 Resp: 212548

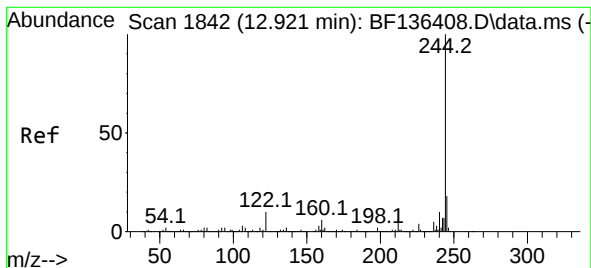
Ion Ratio Lower Upper

240 100

120 11.0 7.3 10.9#

236 26.1 21.3 31.9





#79

Terphenyl-d14

Concen: 54.457 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4

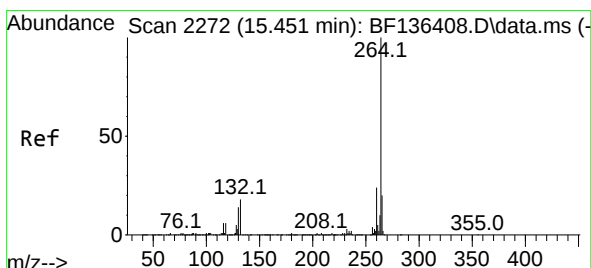
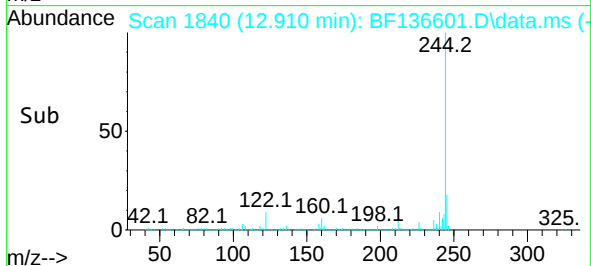
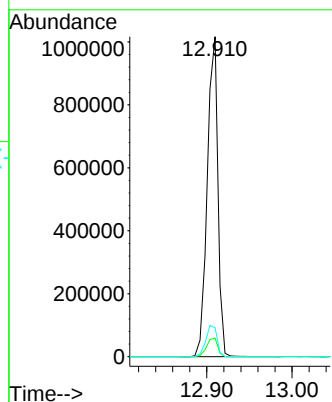
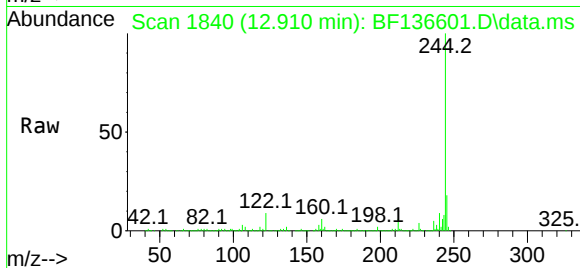
Tgt Ion:244 Resp: 878177

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 9.0 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: BF136601.D

Acq: 15 Dec 2023 19:35

Tgt Ion:264 Resp: 167632

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 15.9 23.9

