

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136492.D
 Acq On : 11 Dec 2023 16:03
 Operator : CG\JU
 Sample : PB157670BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BL

Quant Time: Dec 11 16:21:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	138011	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	582202	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	306373	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	611465	20.000	ng	0.00
76) Chrysene-d12	13.974	240	391183	20.000	ng	0.00
86) Perylene-d12	15.451	264	299705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1152734	123.352	ng	0.02
7) Phenol-d6	6.446	99	1412491	121.145	ng	0.00
23) Nitrobenzene-d5	7.357	82	859249	79.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	486852	128.879	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1779593	79.258	ng	-0.01
79) Terphenyl-d14	12.922	244	2195710	73.982	ng	0.00

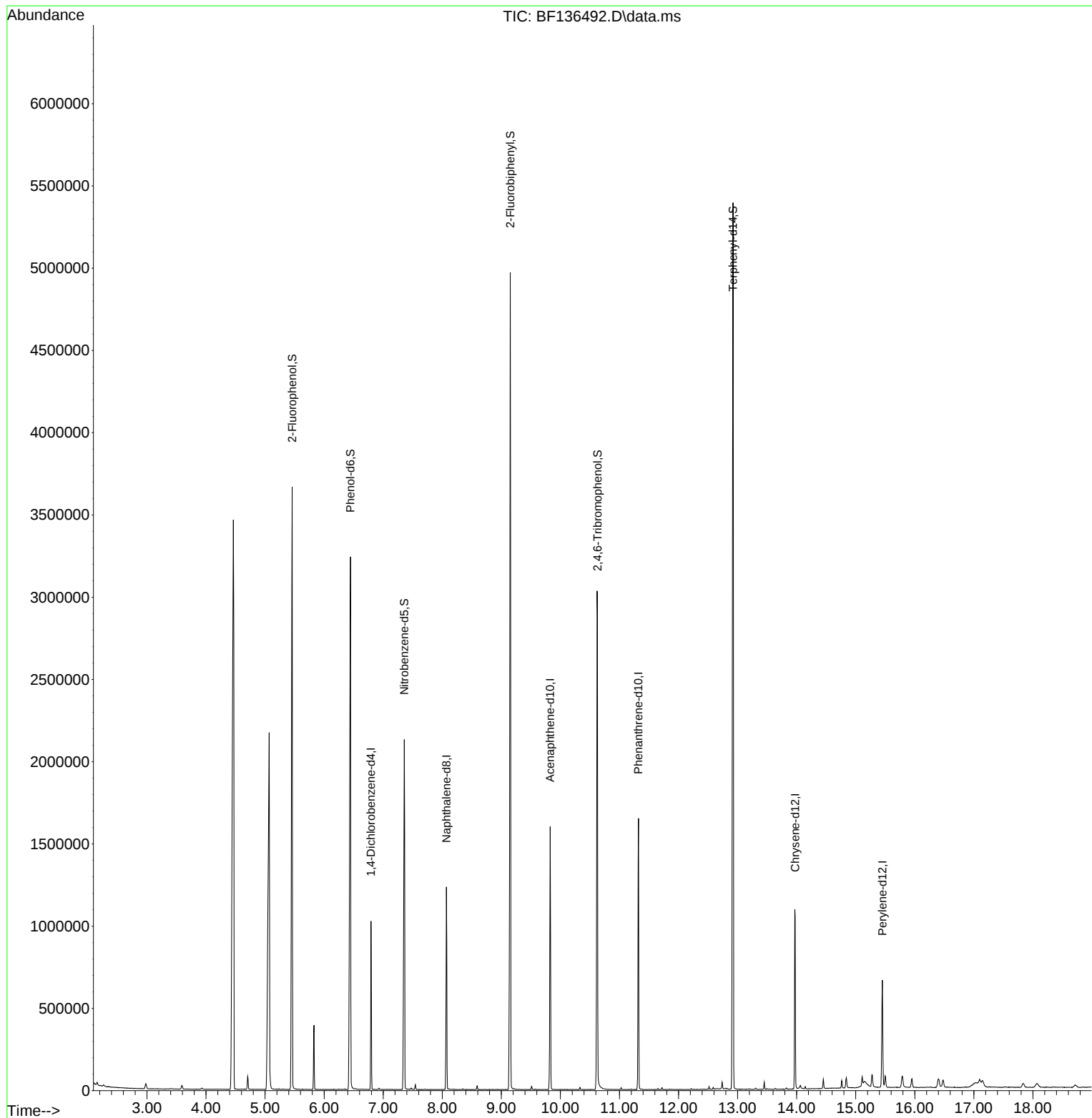
Target Compounds	Qvalue

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

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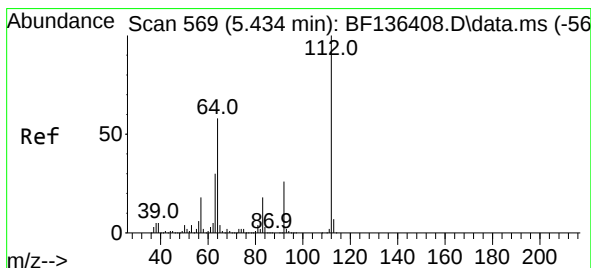
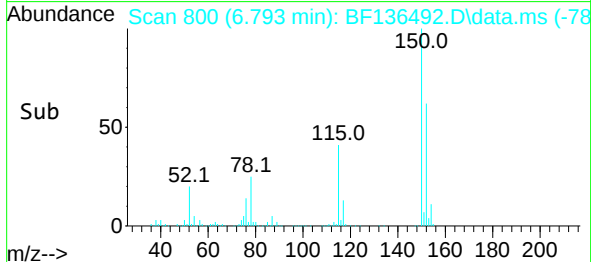
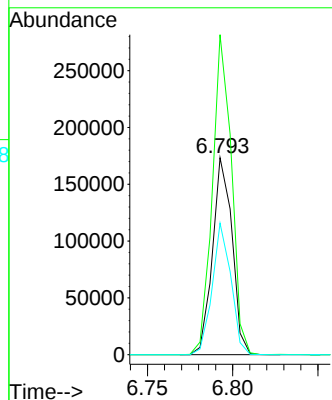
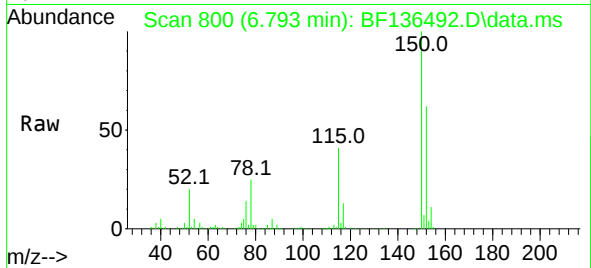




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

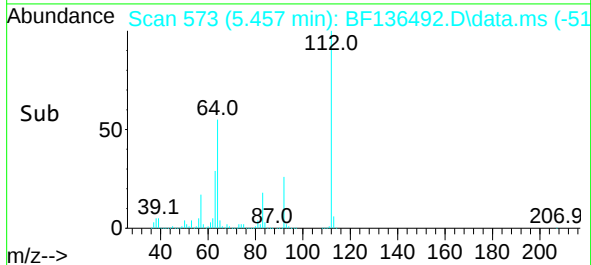
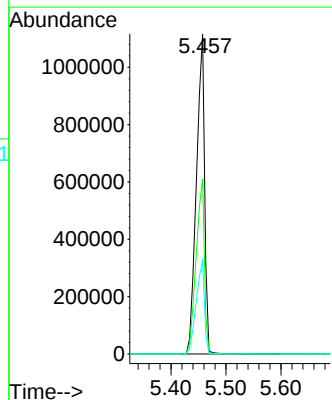
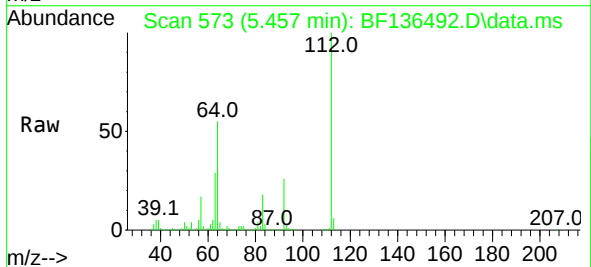
Instrument :
BNA_F
ClientSampleId :
PB157670BL

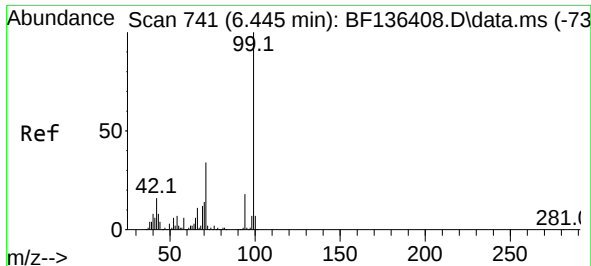
Tgt Ion:152 Resp: 138011
Ion Ratio Lower Upper
152 100
150 162.5 126.4 189.6
115 66.8 48.2 72.4



#5
2-Fluorophenol
Concen: 123.352 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.024 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:112 Resp: 1152734
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.2 23.9 35.9

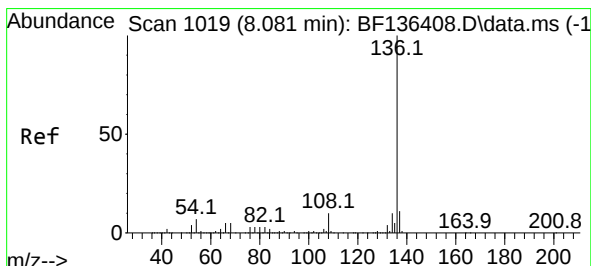
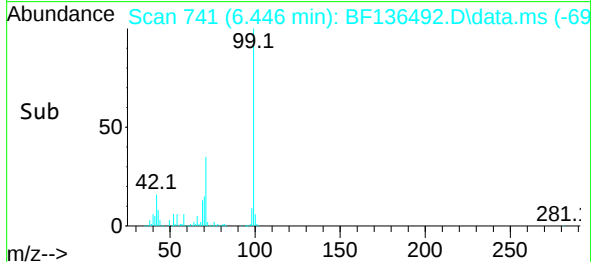
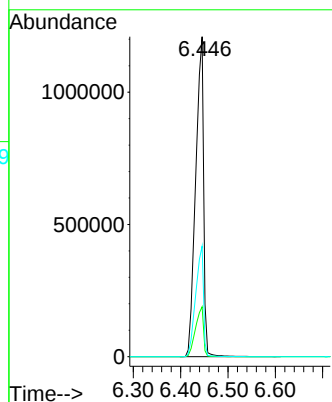
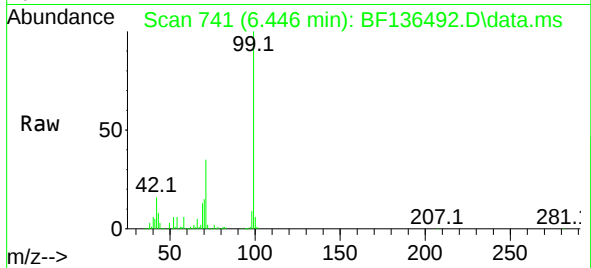




#7
Phenol-d6
Concen: 121.145 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

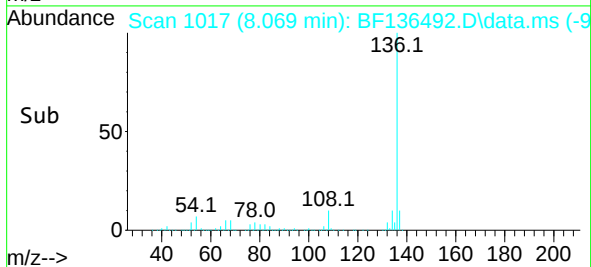
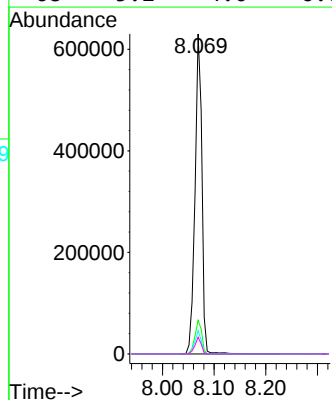
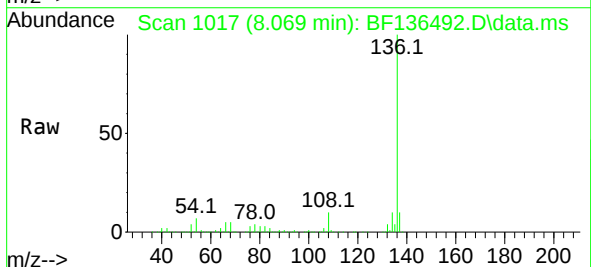
Instrument :
BNA_F
ClientSampleId :
PB157670BL

Tgt Ion: 99 Resp: 1412491
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion: 136 Resp: 582202
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.3 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 79.786 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

Instrument :

BNA_F

ClientSampleId :

PB157670BL

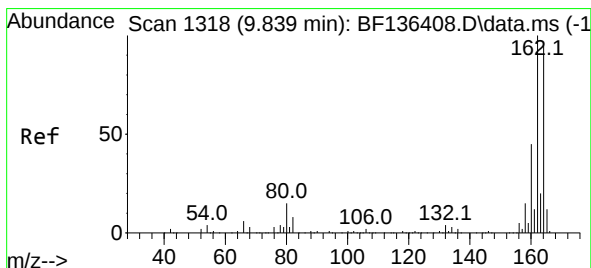
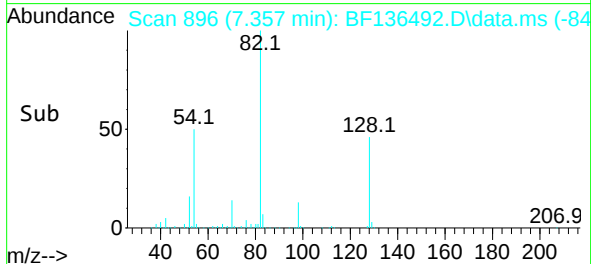
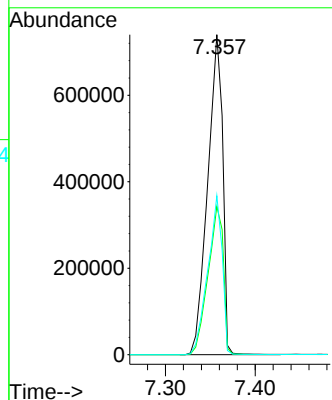
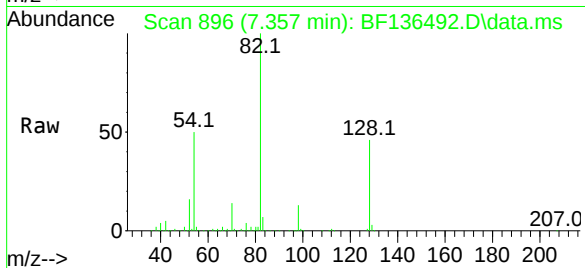
Tgt Ion: 82 Resp: 859249

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 49.7 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

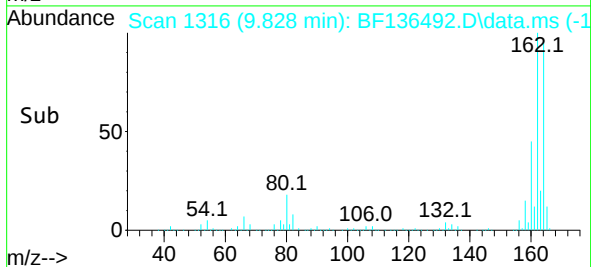
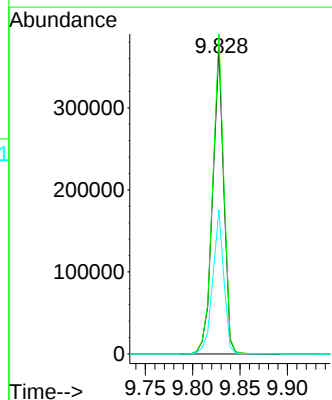
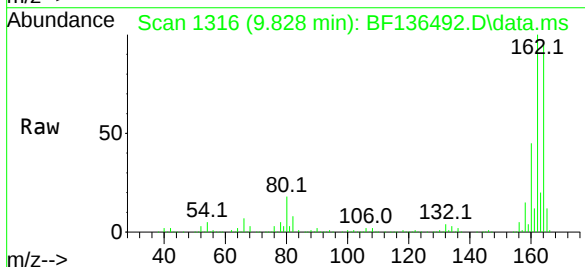
Tgt Ion:164 Resp: 306373

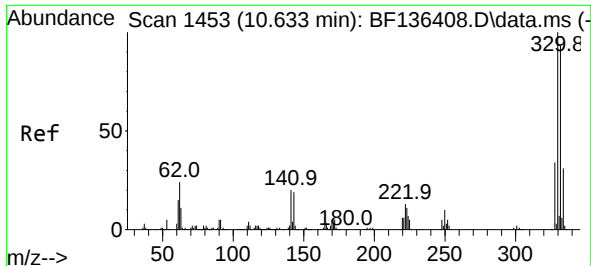
Ion Ratio Lower Upper

164 100

162 104.2 84.4 126.6

160 46.9 37.6 56.4

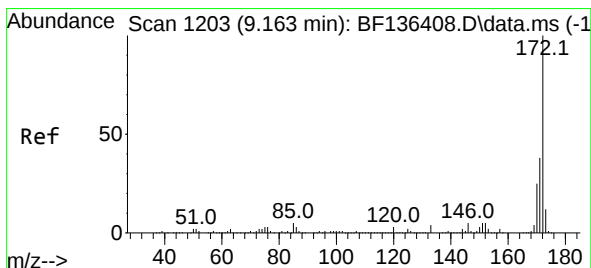
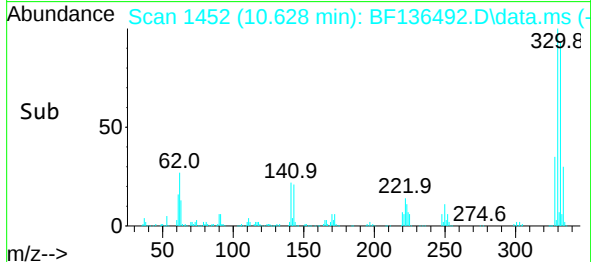
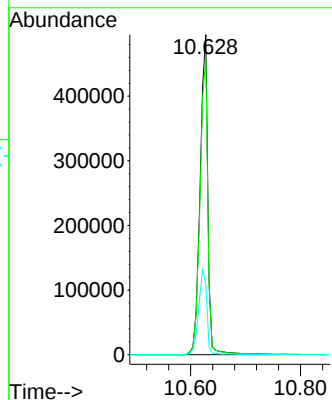
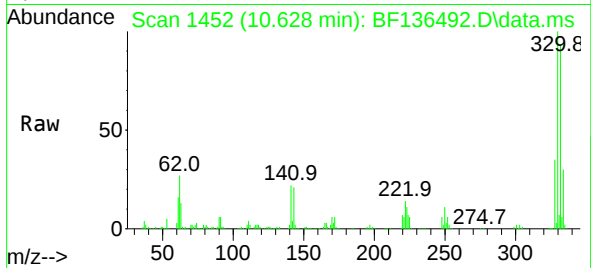




#42
 2,4,6-Tribromophenol
 Concen: 128.879 ng
 RT: 10.628 min Scan# 1452
 Delta R.T. -0.006 min
 Lab File: BF136492.D
 Acq: 11 Dec 2023 16:03

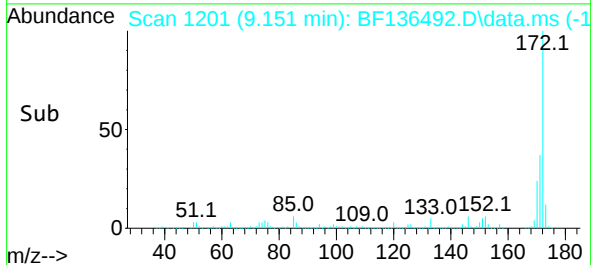
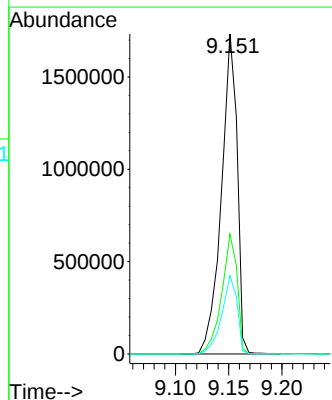
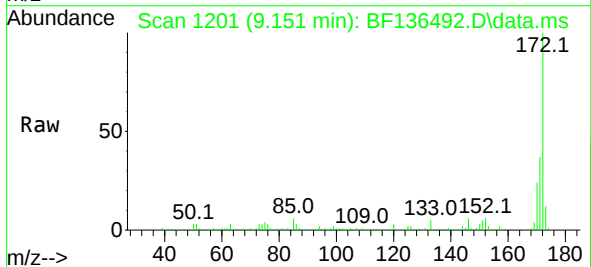
Instrument :
 BNA_F
 ClientSampleId :
 PB157670BL

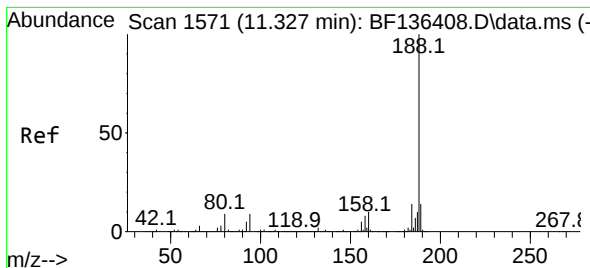
Tgt Ion:330 Resp: 486852
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.4 114.6
 141 28.4 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 79.258 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF136492.D
 Acq: 11 Dec 2023 16:03

Tgt Ion:172 Resp: 1779593
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.5 45.7
 170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

Instrument :

BNA_F

ClientSampleId :

PB157670BL

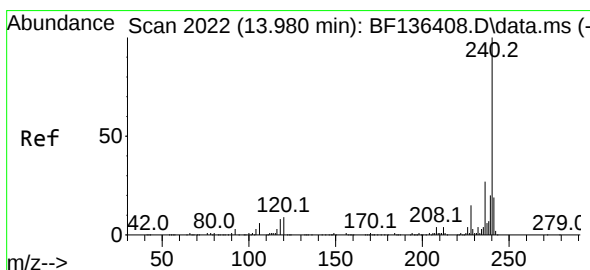
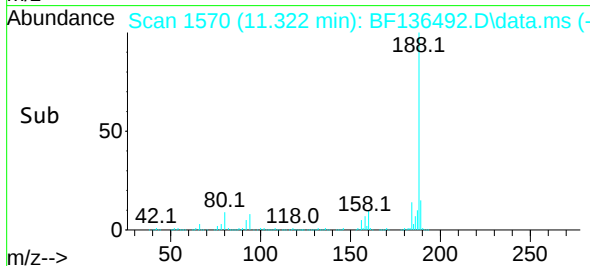
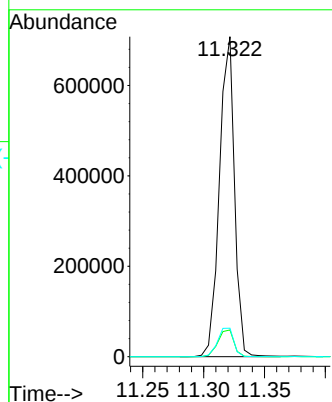
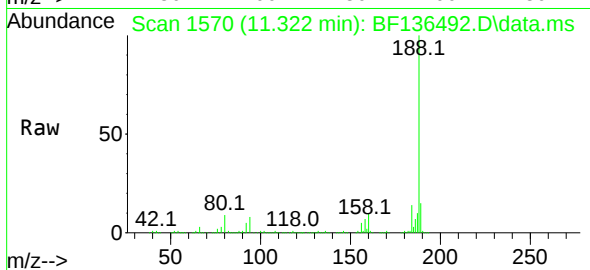
Tgt Ion:188 Resp: 611465

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

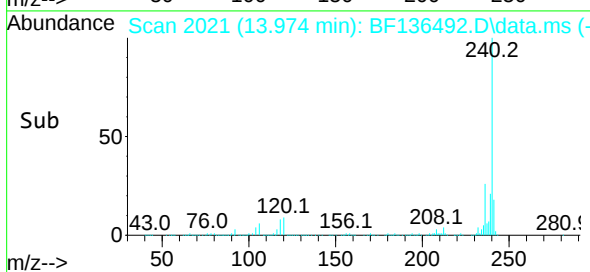
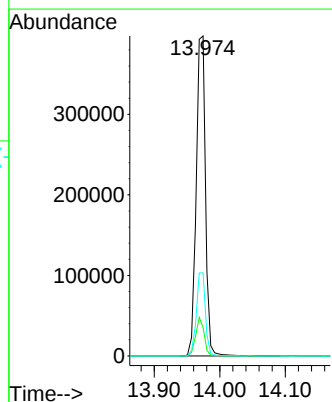
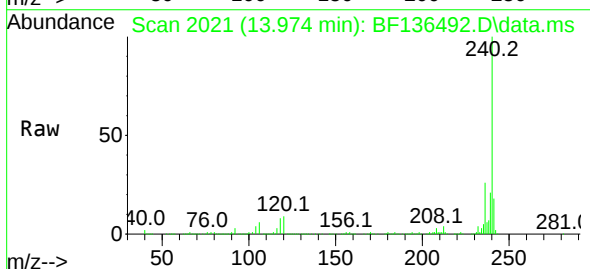
Tgt Ion:240 Resp: 391183

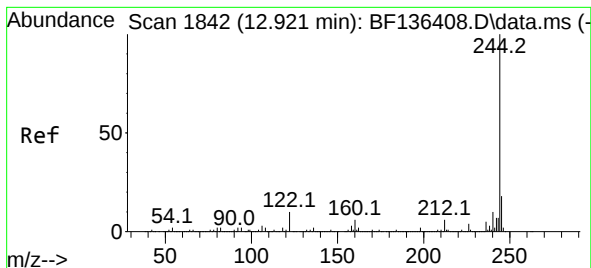
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 73.982 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

Instrument :

BNA_F

ClientSampleId :

PB157670BL

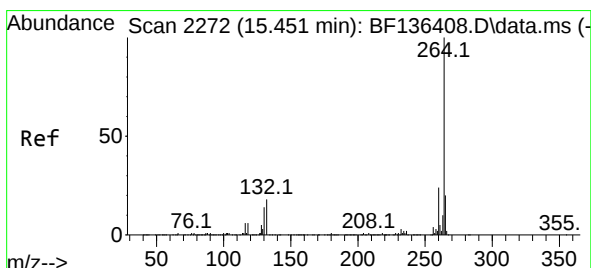
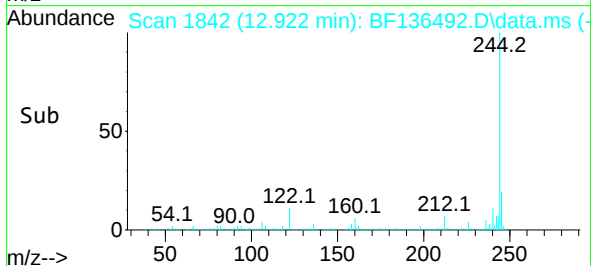
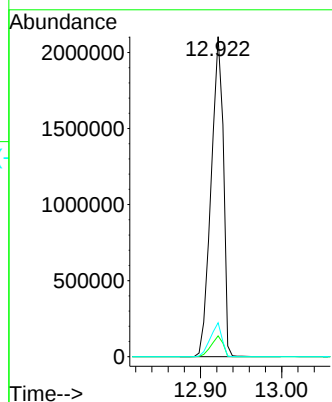
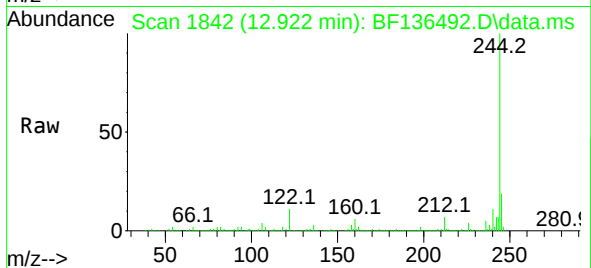
Tgt Ion:244 Resp: 2195710

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

Tgt Ion:264 Resp: 299705

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 15.9 23.9

