

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136614.D
 Acq On : 18 Dec 2023 15:00
 Operator : CG\JU
 Sample : 05551-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023RE

Quant Time: Dec 18 15:35:17 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	129371	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	506774	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	258181	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	455318	20.000	ng	0.00
76) Chrysene-d12	13.968	240	238219	20.000	ng	0.00
86) Perylene-d12	15.451	264	270571	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	503121	57.433	ng	0.00
7) Phenol-d6	6.434	99	427949	39.155	ng	0.00
23) Nitrobenzene-d5	7.351	82	643843	68.682	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	318572	100.073	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1287255	68.032	ng	0.00
79) Terphenyl-d14	12.916	244	1306123	72.267	ng	0.00

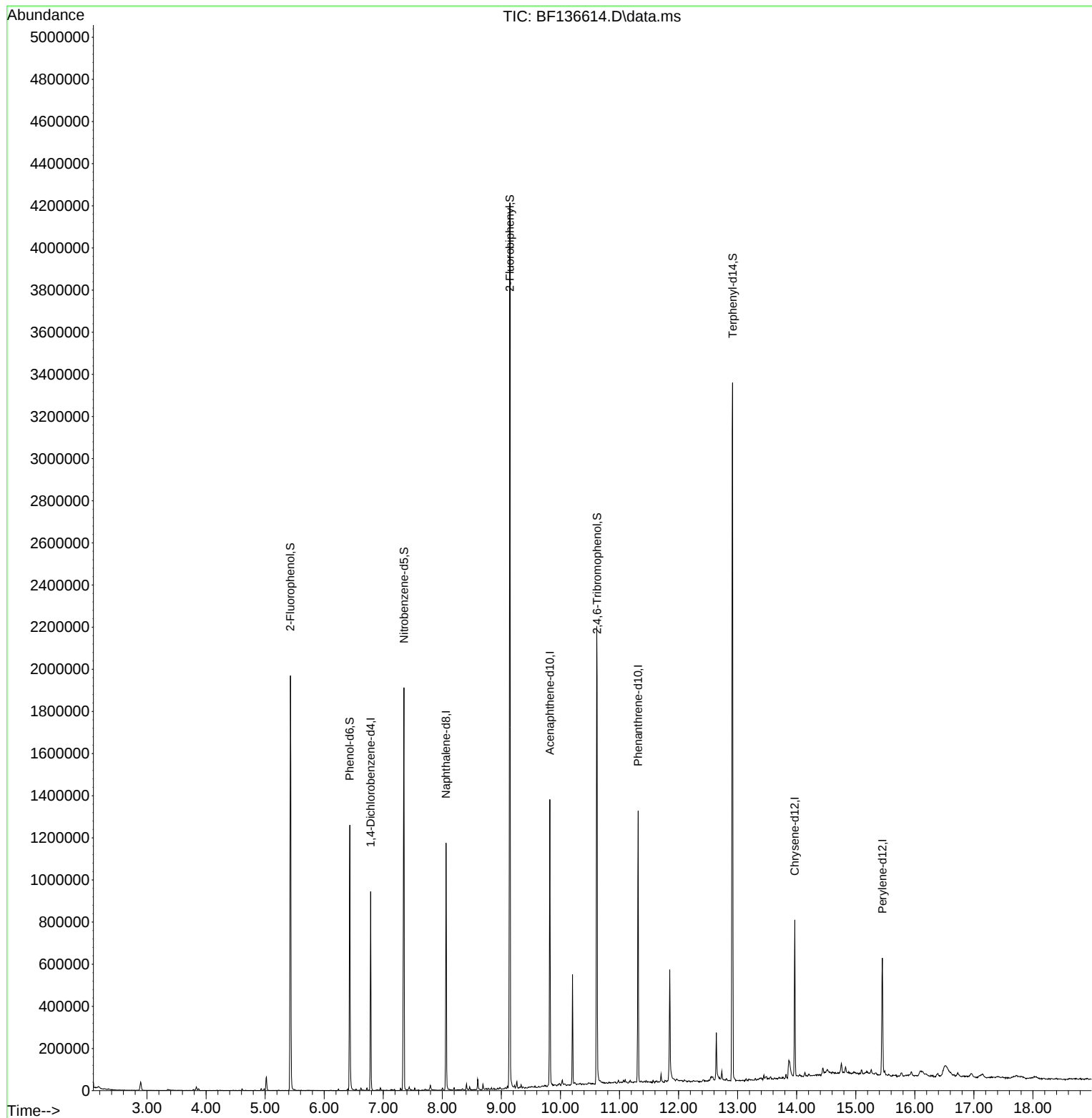
Target Compounds	Qvalue

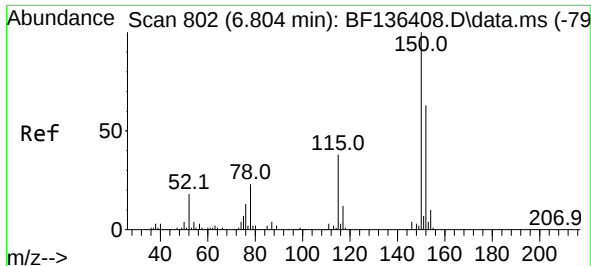
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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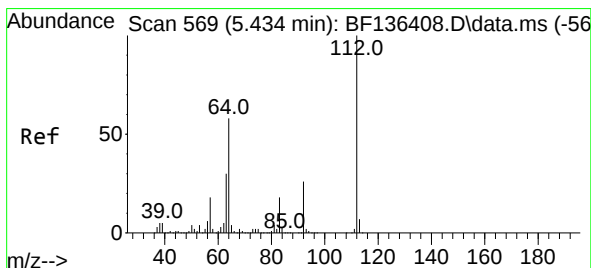
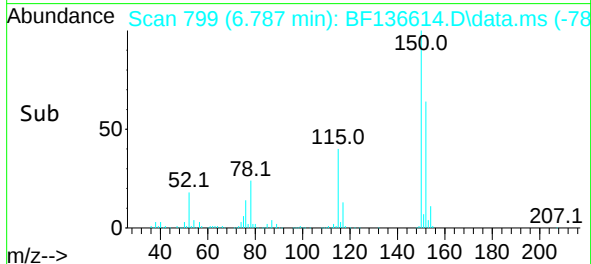
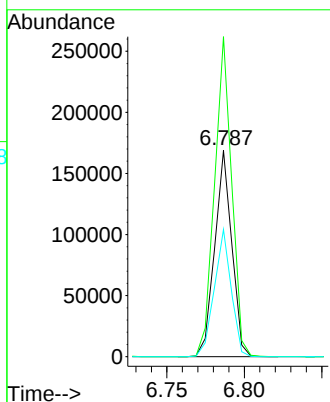
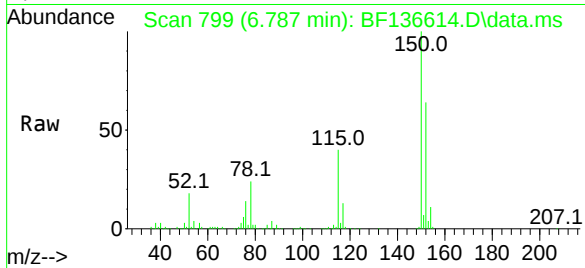




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

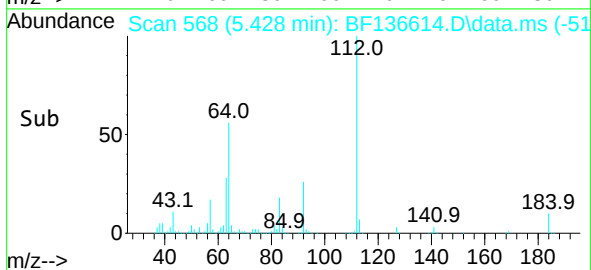
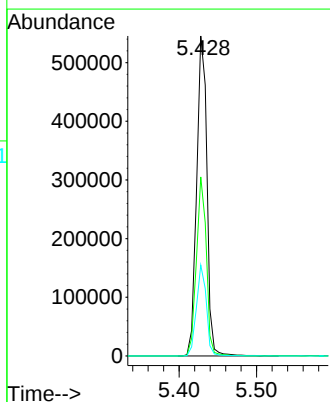
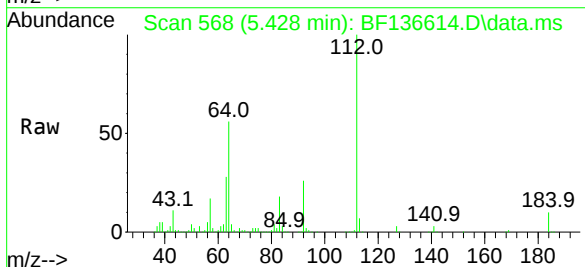
Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023RE

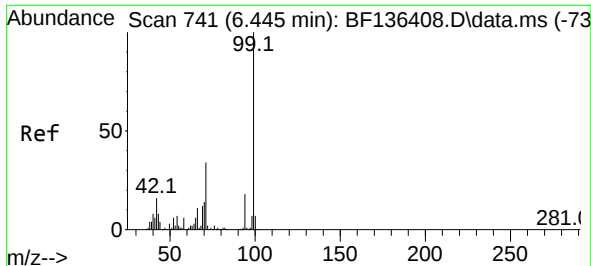
Tgt Ion:152 Resp: 129371
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.4 189.6
 115 61.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 57.433 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

Tgt Ion:112 Resp: 503121
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.5 69.7
 63 28.4 23.9 35.9

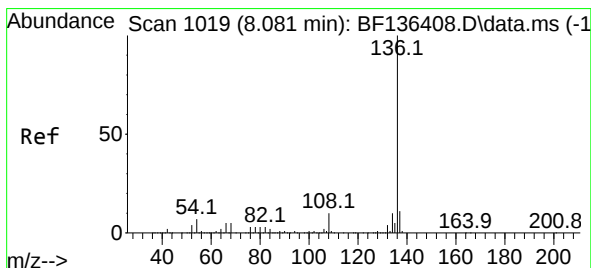
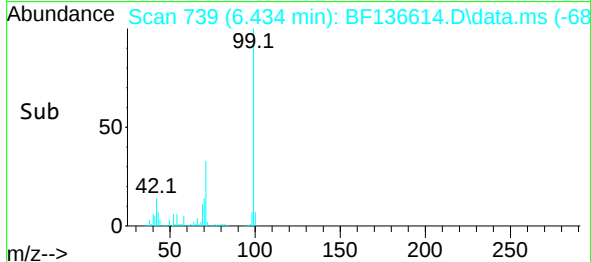
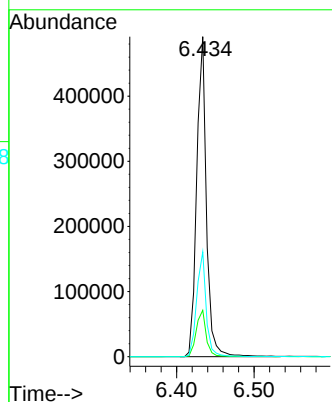
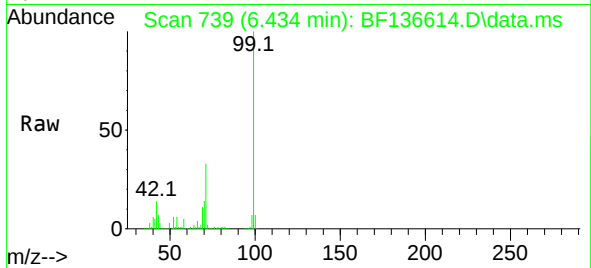




#7
Phenol-d6
Concen: 39.155 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

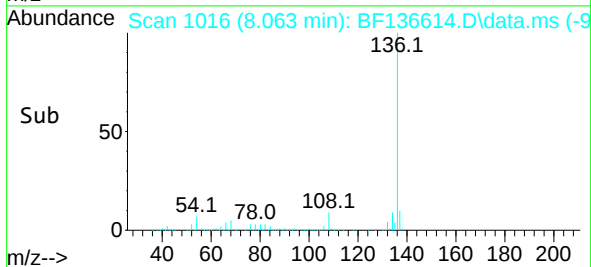
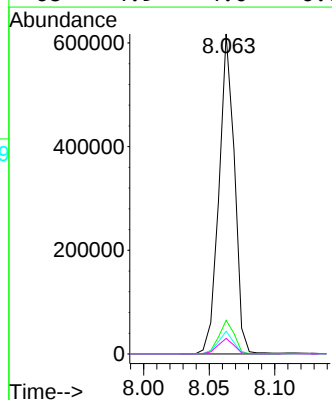
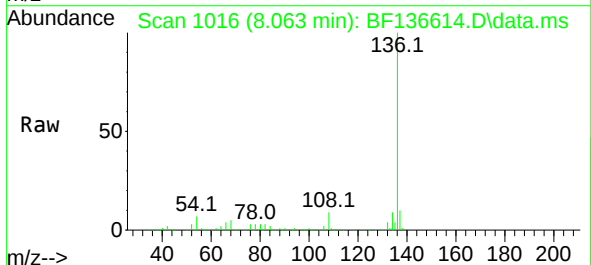
Instrument :
BNA_F
ClientSampleId :
DUP11272023RE

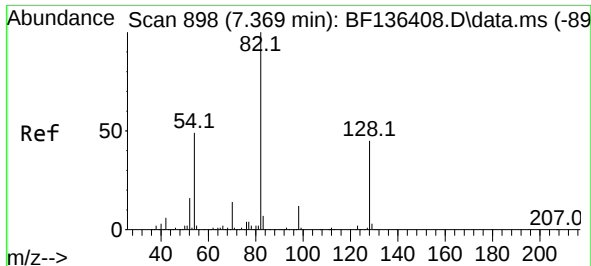
Tgt Ion: 99 Resp: 427949
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion: 136 Resp: 506774
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.1 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 68.682 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136614.D

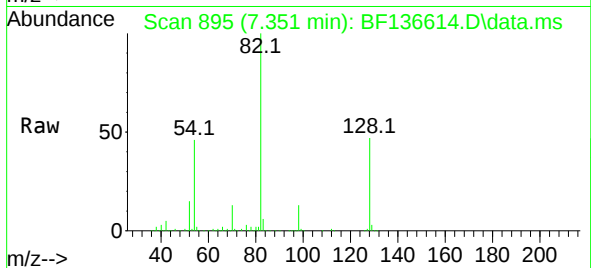
Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE



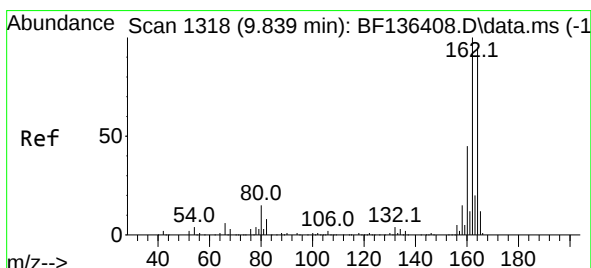
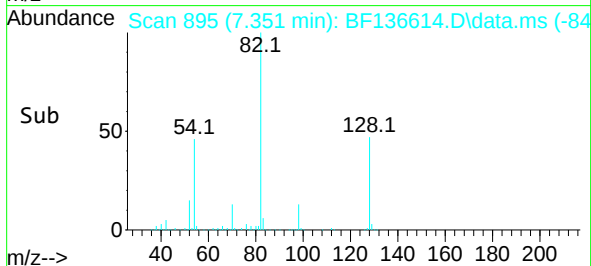
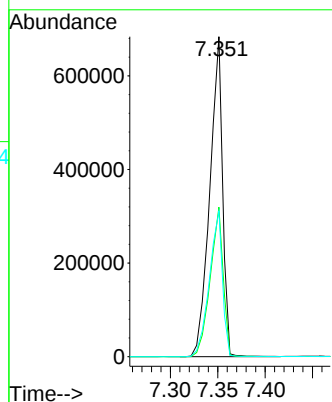
Tgt Ion: 82 Resp: 643843

Ion Ratio Lower Upper

82 100

128 46.7 36.3 54.5

54 45.5 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: BF136614.D

Acq: 18 Dec 2023 15:00

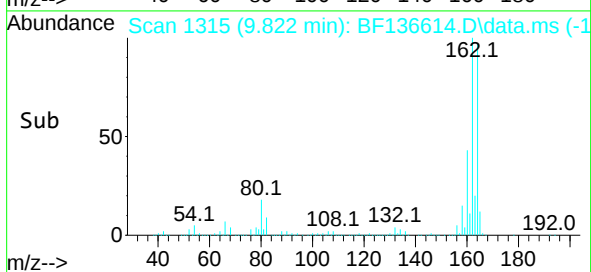
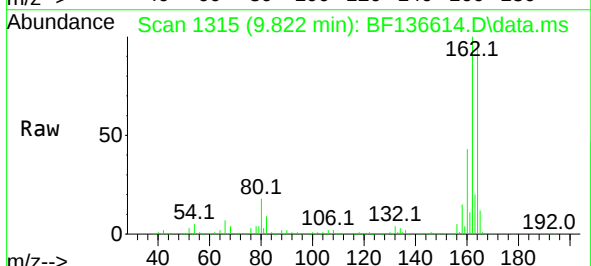
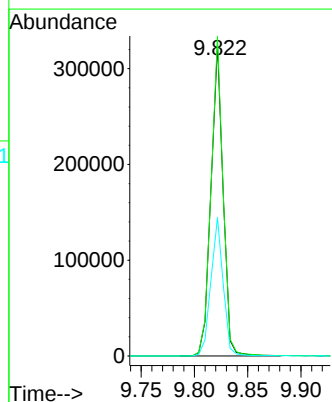
Tgt Ion: 164 Resp: 258181

Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 100.073 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF136614.D

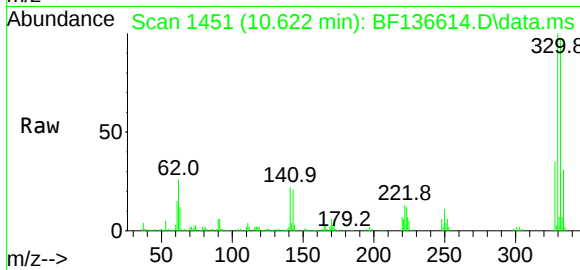
Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE



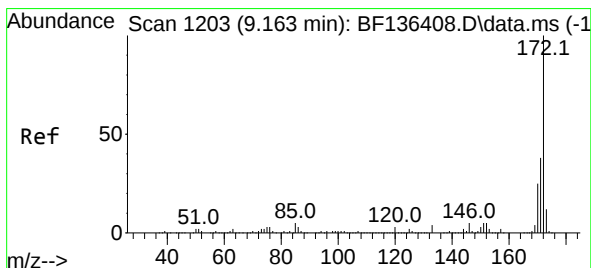
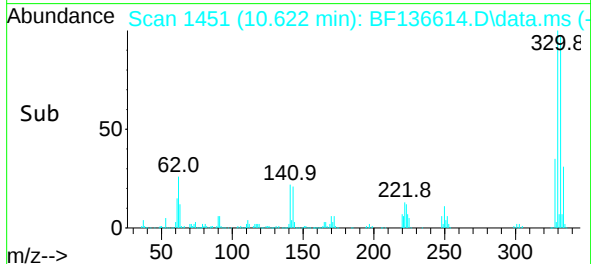
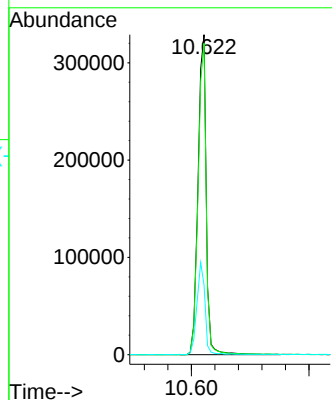
Tgt Ion:330 Resp: 318572

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 68.032 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

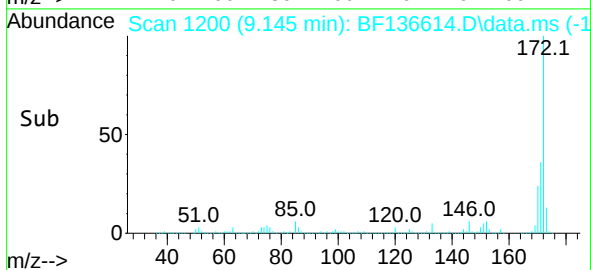
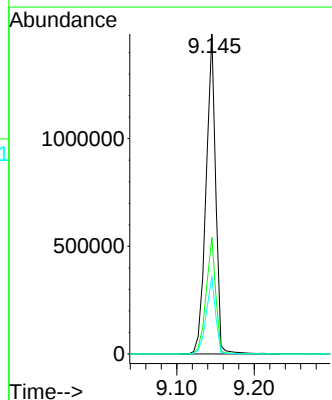
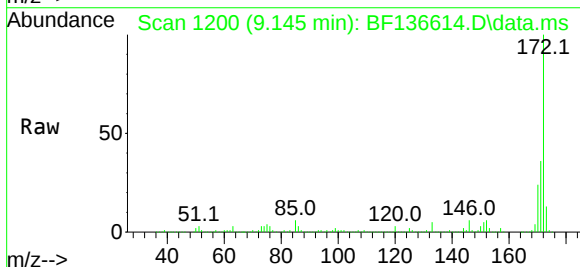
Tgt Ion:172 Resp: 1287255

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 24.0 19.9 29.9

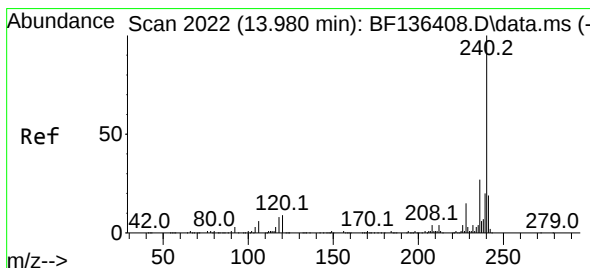
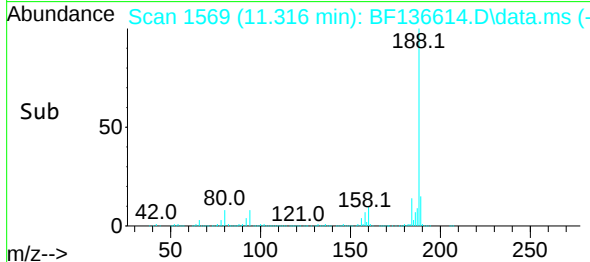
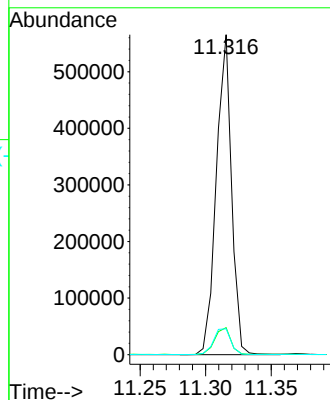
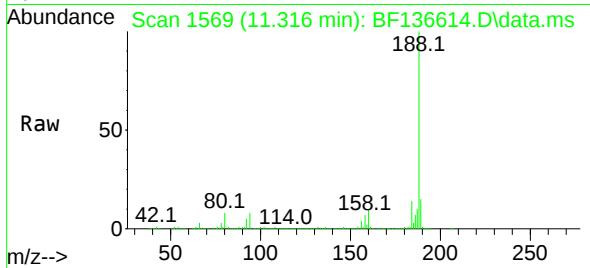




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

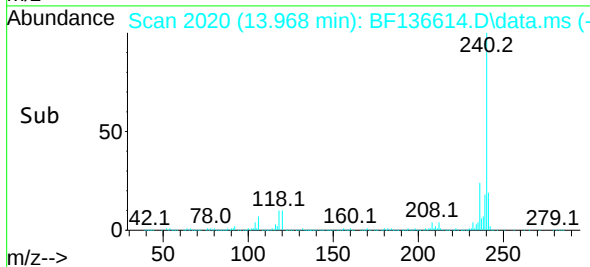
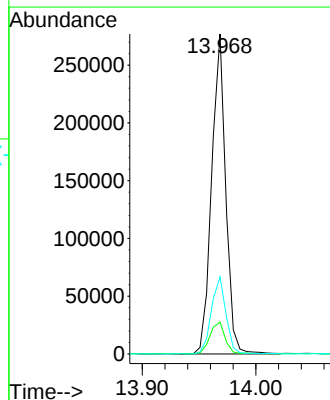
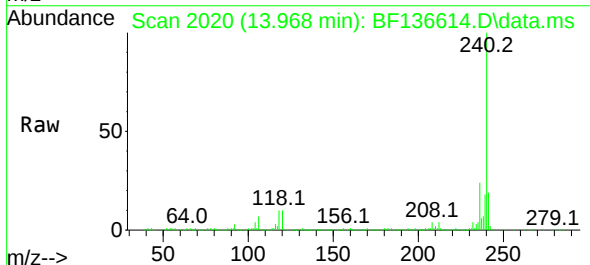
Instrument :
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DUP11272023RE

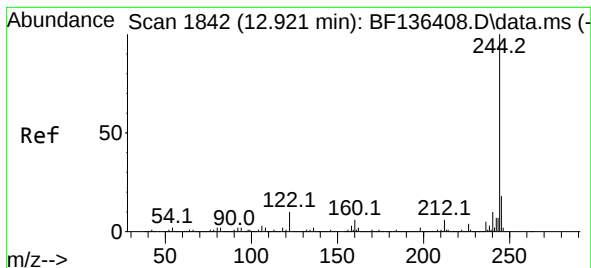
Tgt Ion:188 Resp: 455318
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion:240 Resp: 238219
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 24.1 21.3 31.9





#79

Terphenyl-d14

Concen: 72.267 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE

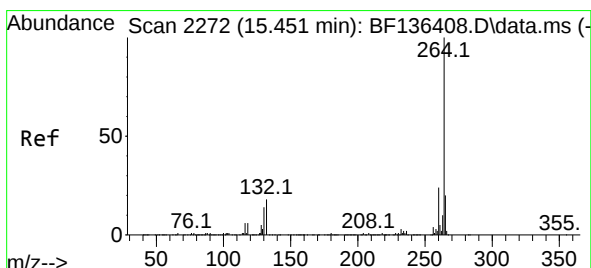
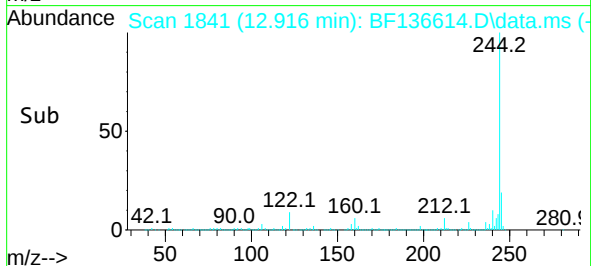
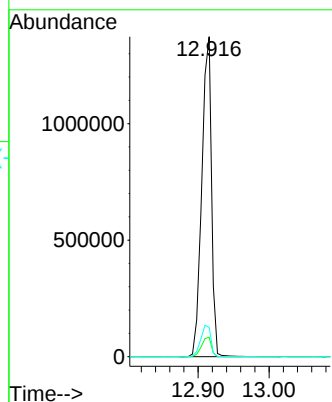
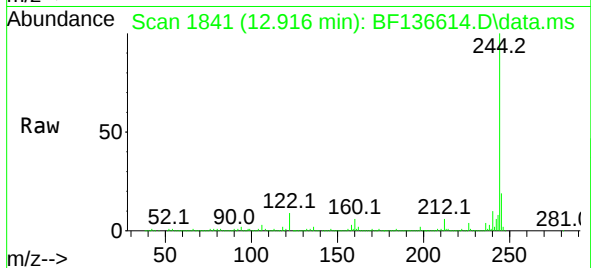
Tgt Ion:244 Resp: 1306123

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.2 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: BF136614.D

Acq: 18 Dec 2023 15:00

Tgt Ion:264 Resp: 270571

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.9 15.9 23.9

