

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136495.D
 Acq On : 11 Dec 2023 17:42
 Operator : CG\JU
 Sample : 05551-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-110

Quant Time: Dec 11 18:03:15 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	6.792	152	135648	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	547681	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	281868	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	512873	20.000	ng	0.00
76) Chrysene-d12	13.968	240	258912	20.000	ng	-0.01
86) Perylene-d12	15.451	264	270727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	568800	61.926	ng	0.00
7) Phenol-d6	6.434	99	482659	42.117	ng	-0.01
23) Nitrobenzene-d5	7.357	82	757900	74.811	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	373775	107.547	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1509052	73.052	ng	-0.01
79) Terphenyl-d14	12.921	244	1483794	75.536	ng	0.00

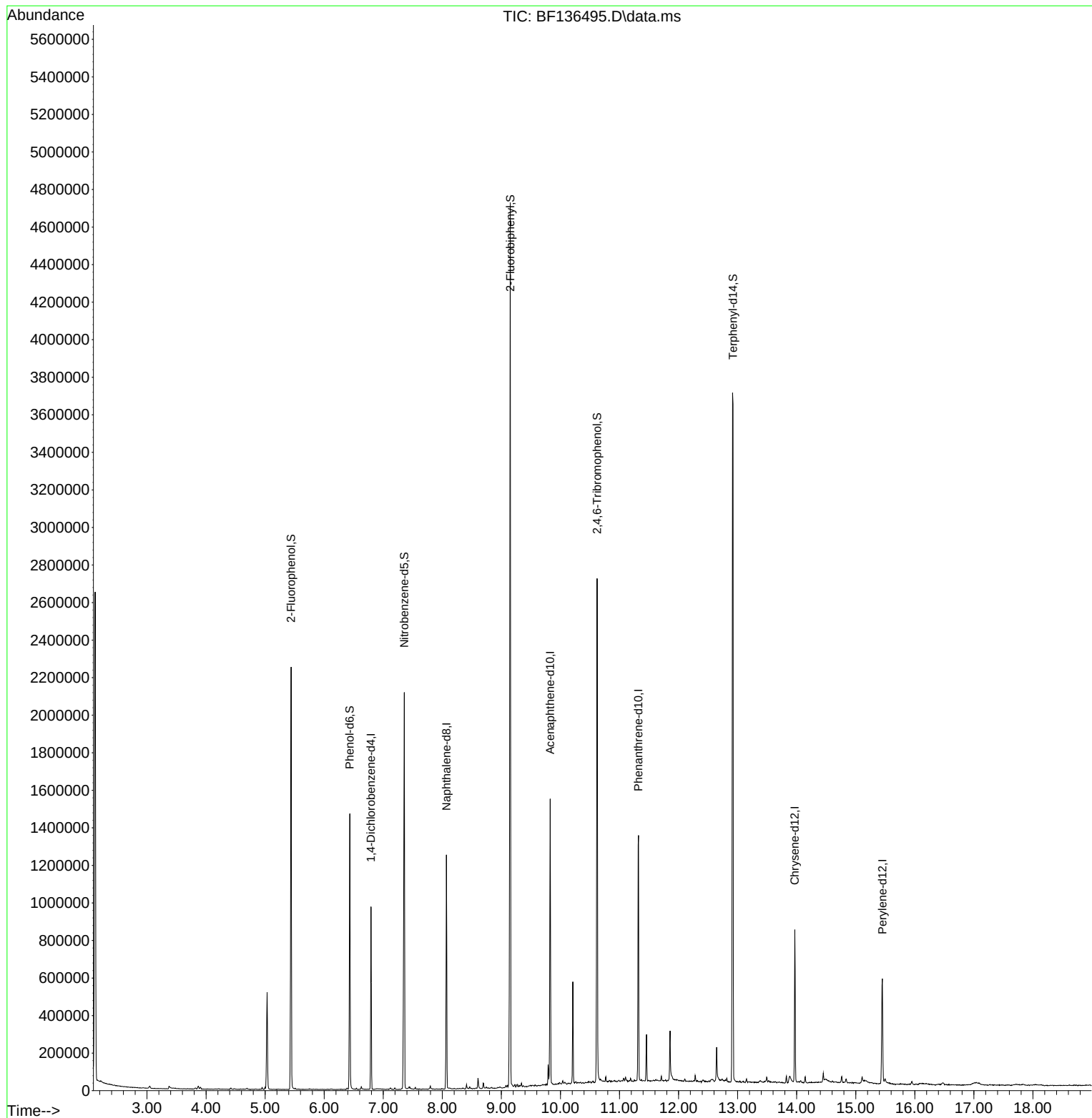
Target Compounds	Qvalue

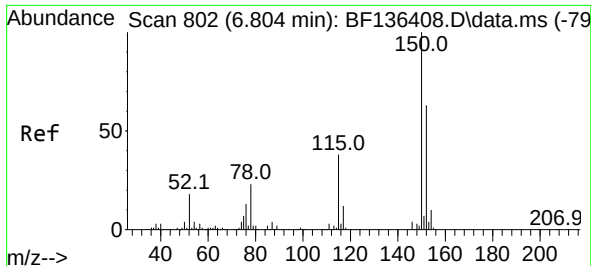
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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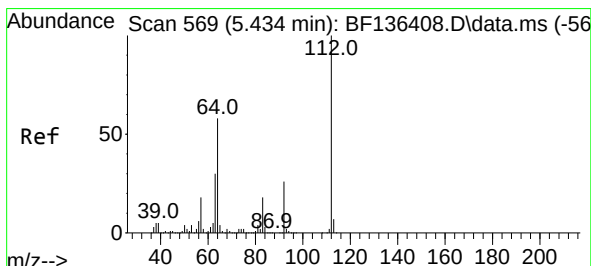
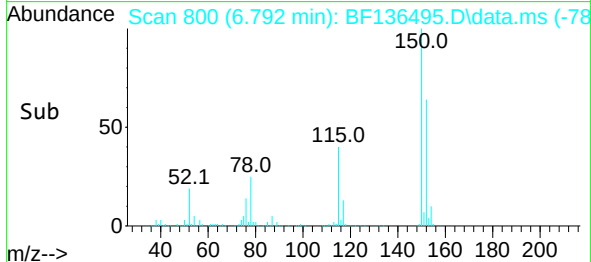
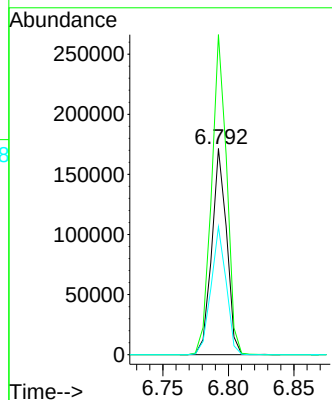
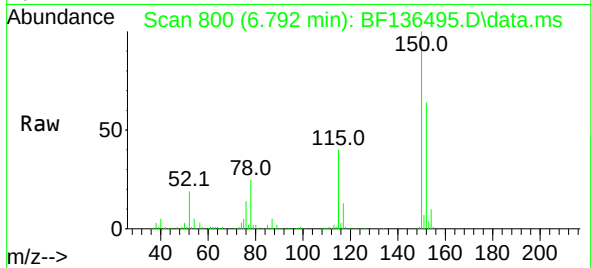




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136495.D
 Acq: 11 Dec 2023 17:42

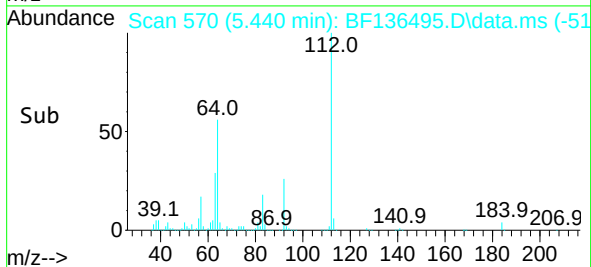
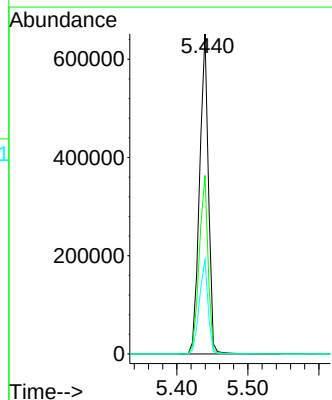
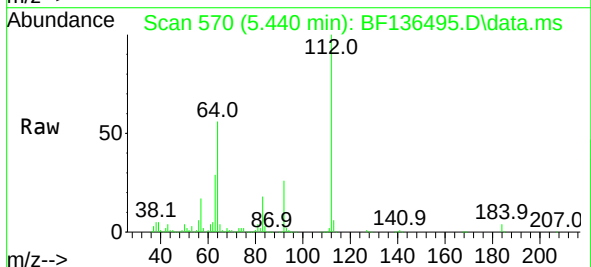
Instrument :
 BNA_F
 ClientSampleId :
 MW-110

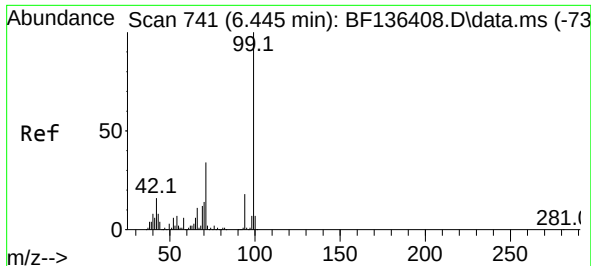
Tgt Ion:152 Resp: 135648
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.4 189.6
 115 62.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 61.926 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: BF136495.D
 Acq: 11 Dec 2023 17:42

Tgt Ion:112 Resp: 568800
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.5 69.7
 63 29.5 23.9 35.9

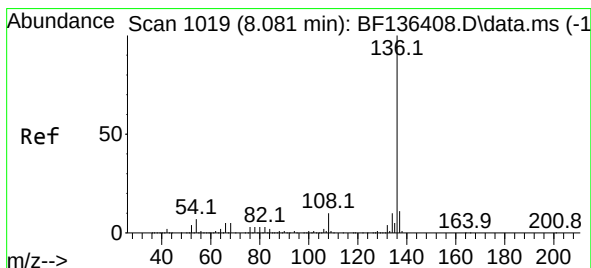
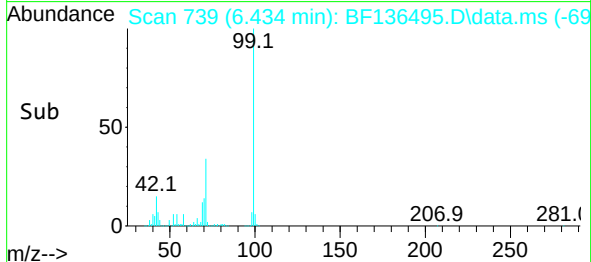
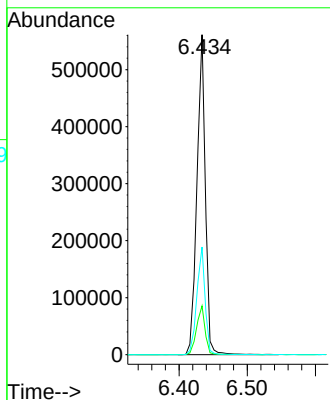
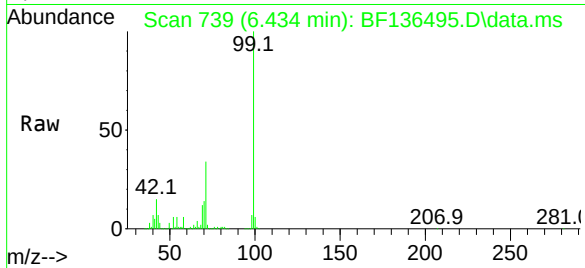




#7
Phenol-d6
Concen: 42.117 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136495.D
Acq: 11 Dec 2023 17:42

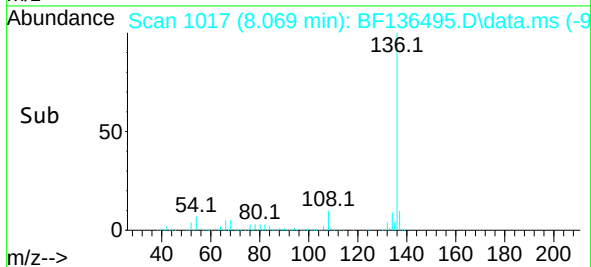
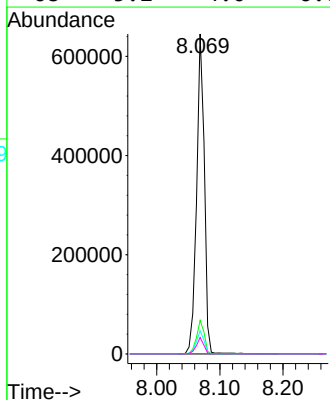
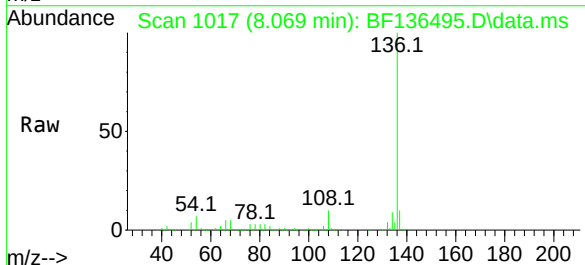
Instrument :
BNA_F
ClientSampleId :
MW-110

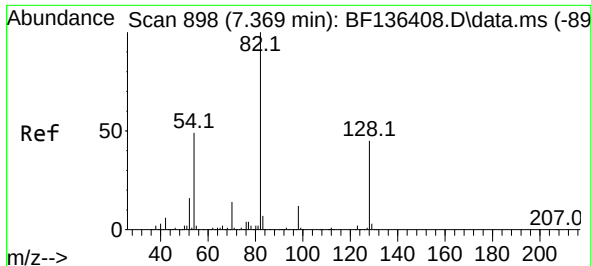
Tgt Ion: 99 Resp: 482659
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.6 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136495.D
Acq: 11 Dec 2023 17:42

Tgt Ion: 136 Resp: 547681
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.2 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 74.811 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136495.D

Acq: 11 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MW-110

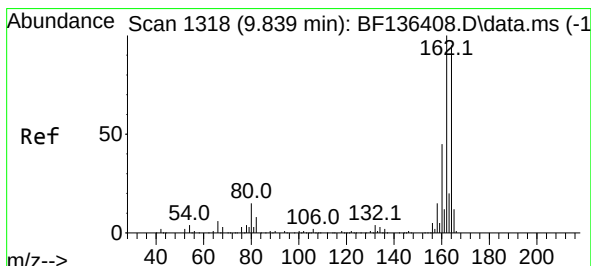
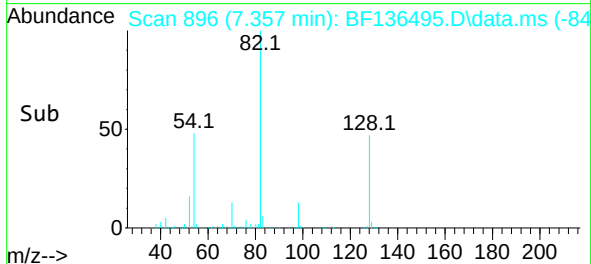
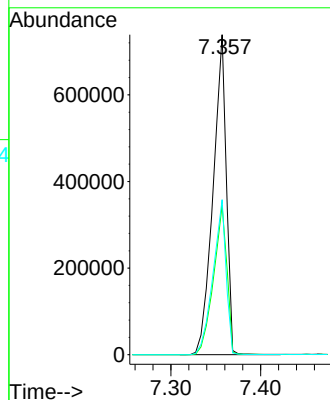
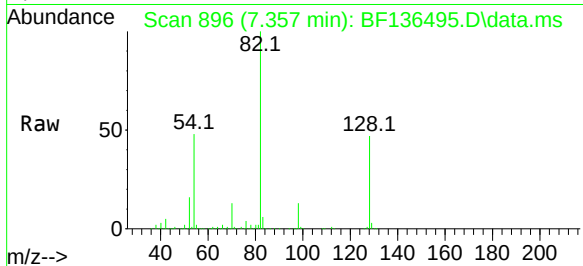
Tgt Ion: 82 Resp: 757900

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

54 48.4 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: BF136495.D

Acq: 11 Dec 2023 17:42

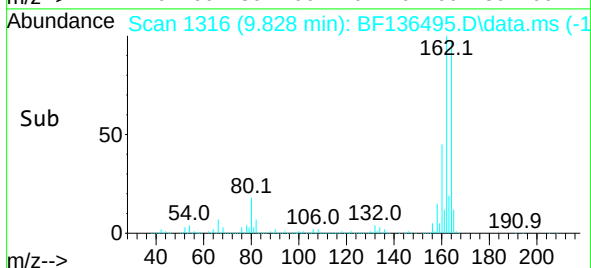
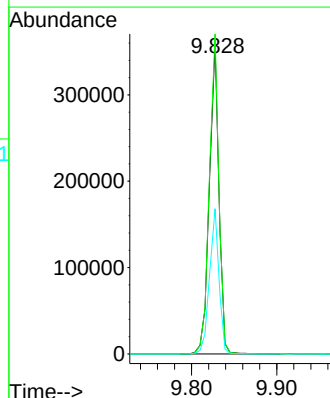
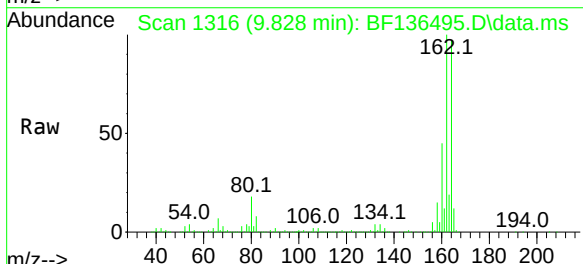
Tgt Ion: 164 Resp: 281868

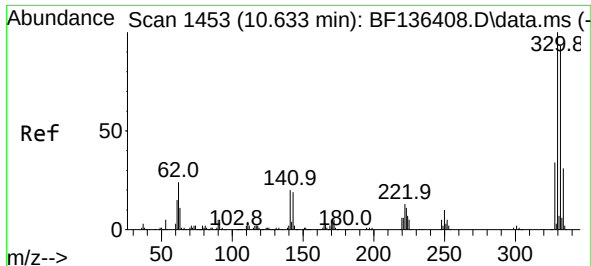
Ion Ratio Lower Upper

164 100

162 103.0 84.4 126.6

160 46.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 107.547 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136495.D

Acq: 11 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MW-110

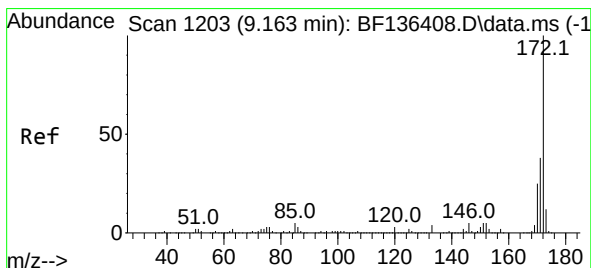
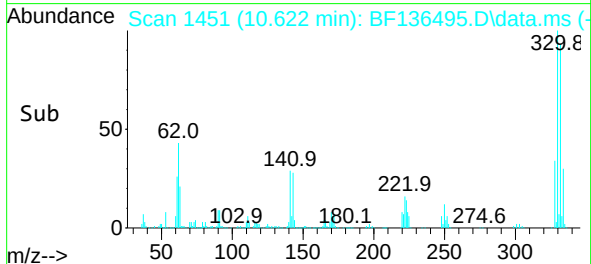
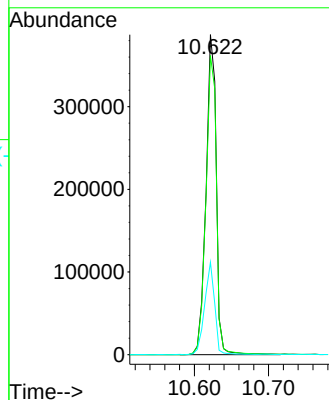
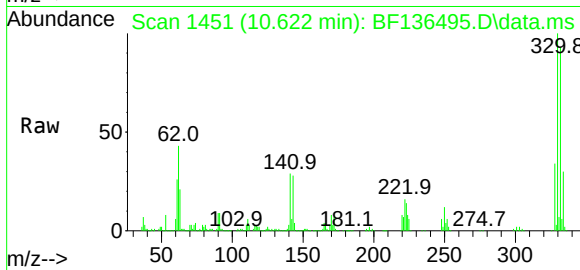
Tgt Ion:330 Resp: 373775

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 73.052 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136495.D

Acq: 11 Dec 2023 17:42

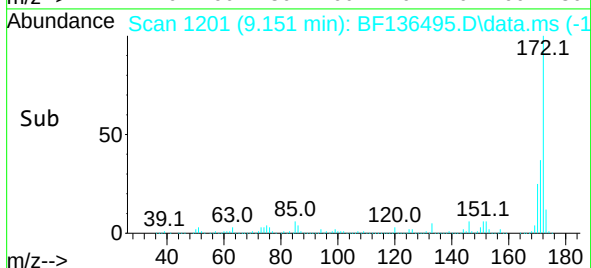
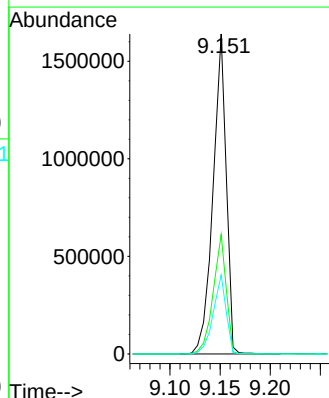
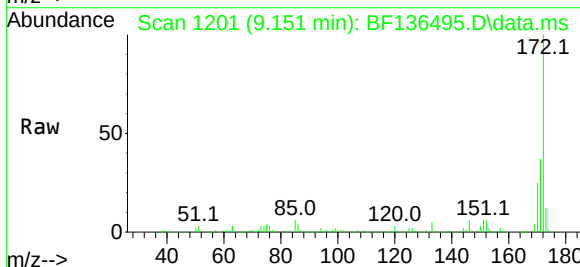
Tgt Ion:172 Resp: 1509052

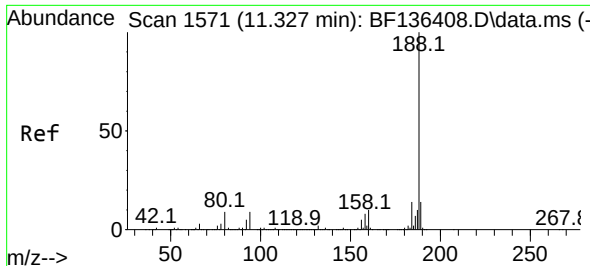
Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

170 24.7 19.9 29.9

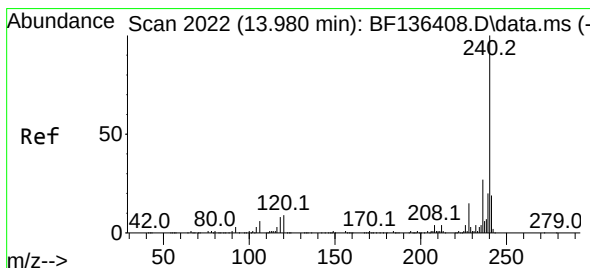
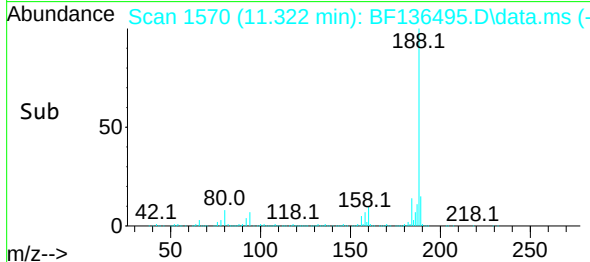
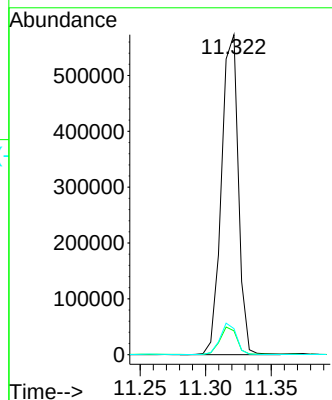
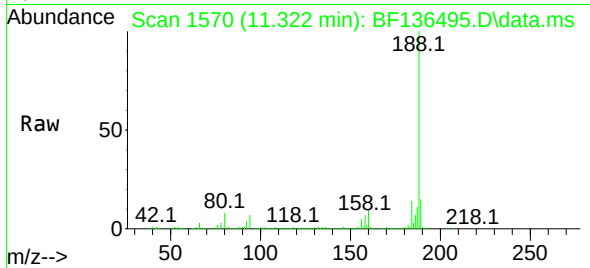




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136495.D
Acq: 11 Dec 2023 17:42

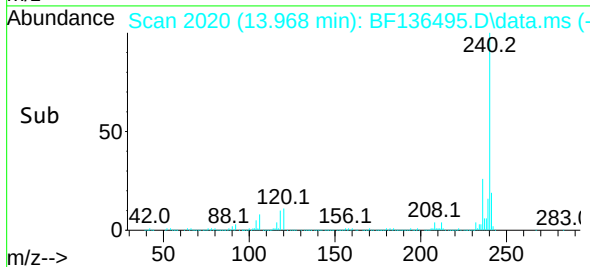
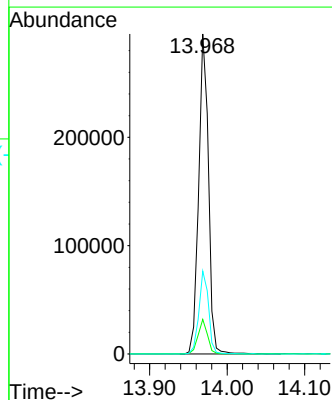
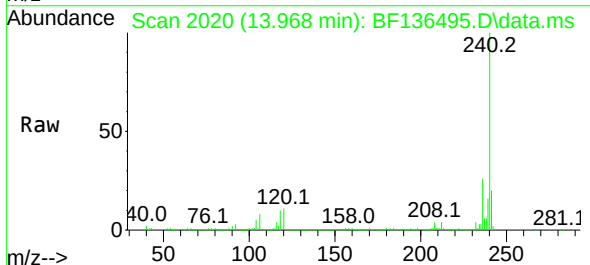
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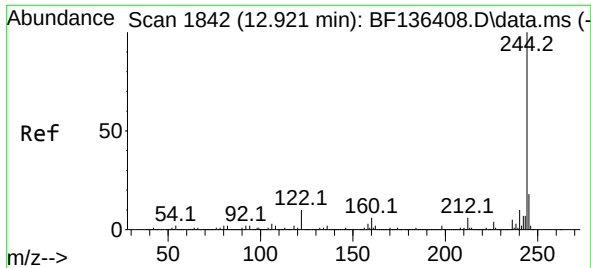
Tgt Ion:188 Resp: 512873
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136495.D
Acq: 11 Dec 2023 17:42

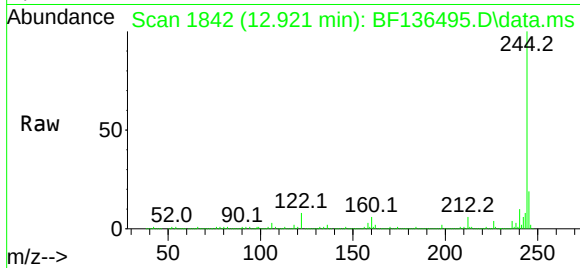
Tgt Ion:240 Resp: 258912
Ion Ratio Lower Upper
240 100
120 10.8 7.3 10.9
236 25.9 21.3 31.9





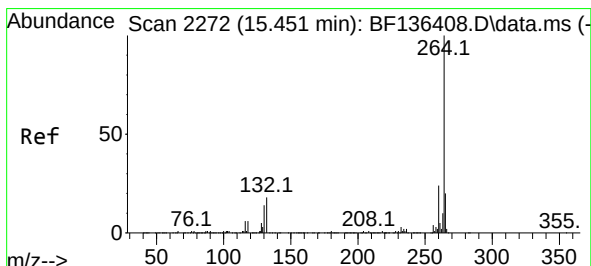
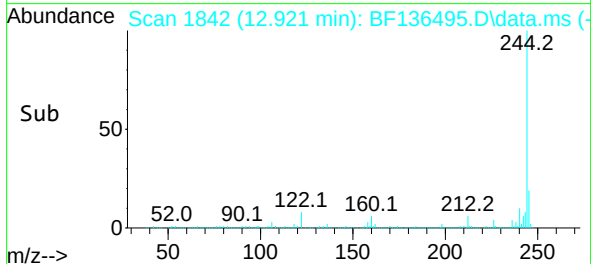
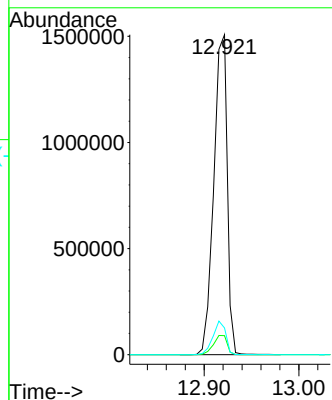
#79
 Terphenyl-d14
 Concen: 75.536 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136495.D
 Acq: 11 Dec 2023 17:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-110



Tgt Ion:244 Resp: 1483794

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	8.4	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: BF136495.D
 Acq: 11 Dec 2023 17:42

Tgt Ion:264 Resp: 270727

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	15.9	23.9

