

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136438.D
 Acq On : 06 Dec 2023 20:24
 Operator : CG\JU
 Sample : 05602-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3

Quant Time: Dec 07 00:55:44 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	6.798	152	86915	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	277426	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	124403	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	243815	20.000	ng	0.00
76) Chrysene-d12	13.974	240	168392	20.000	ng	0.00
86) Perylene-d12	15.457	264	139410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	673871	114.502	ng	0.00
7) Phenol-d6	6.434	99	768128	104.610	ng	-0.01
23) Nitrobenzene-d5	7.357	82	420159	81.874	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	174226	113.584	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	722098	79.203	ng	-0.01
79) Terphenyl-d14	12.921	244	930027	72.795	ng	0.00

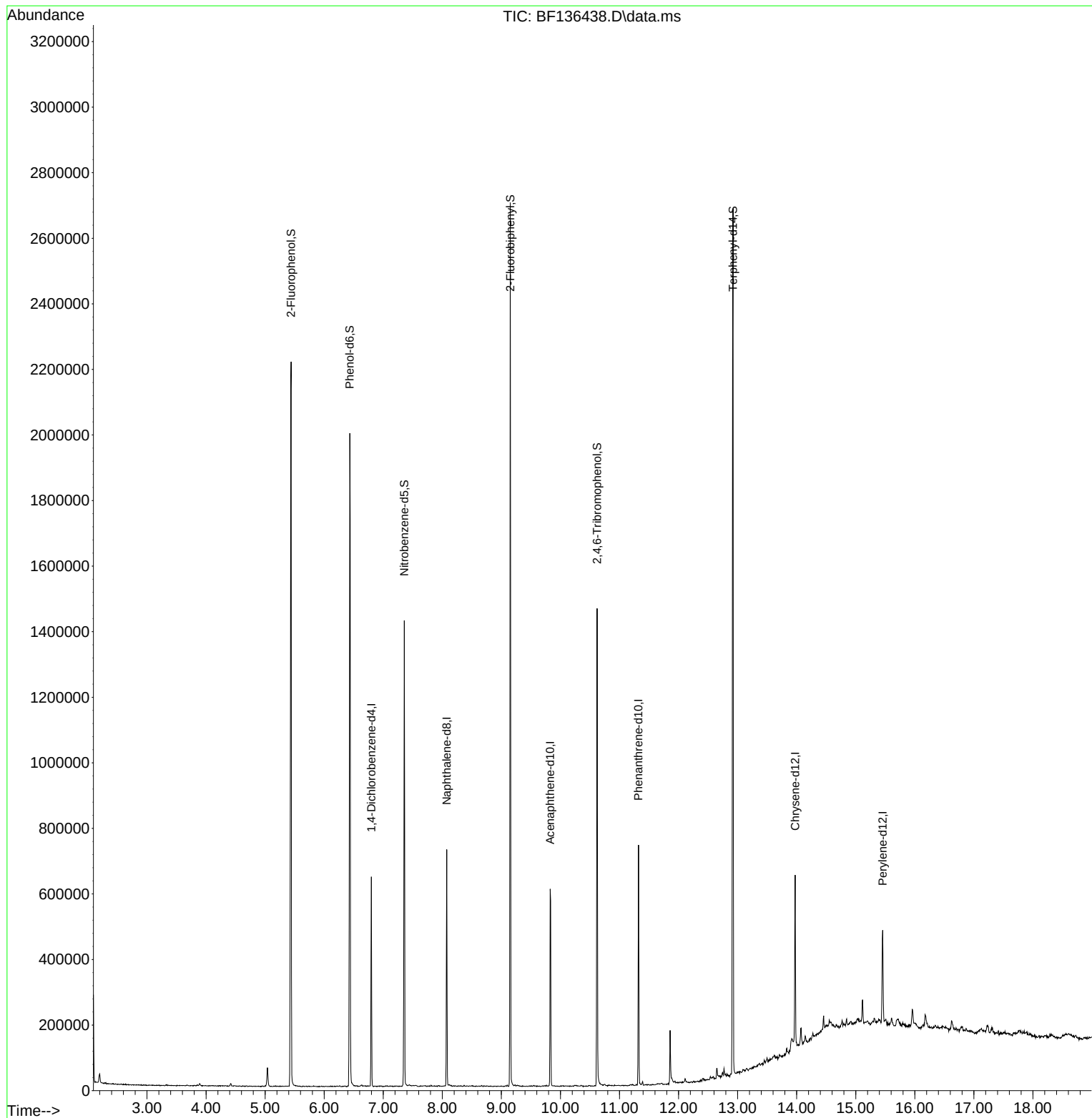
Target Compounds	Qvalue

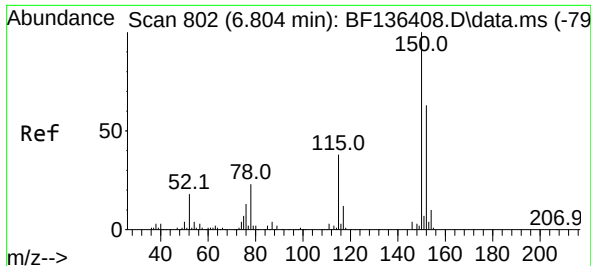
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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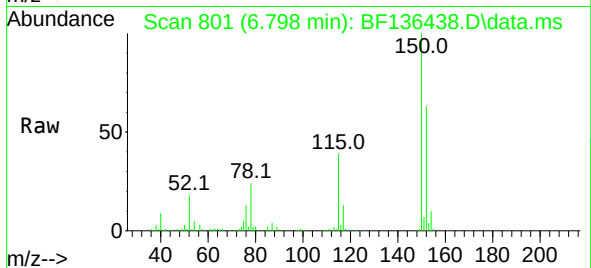
Quant Time: Dec 07 00:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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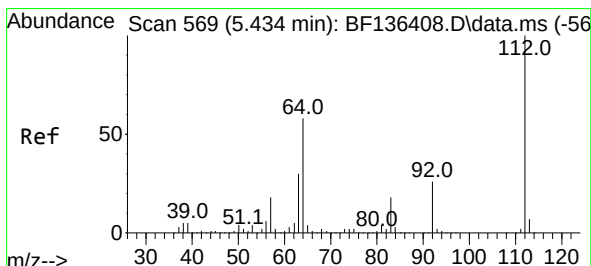
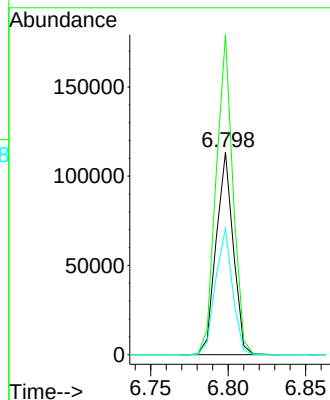
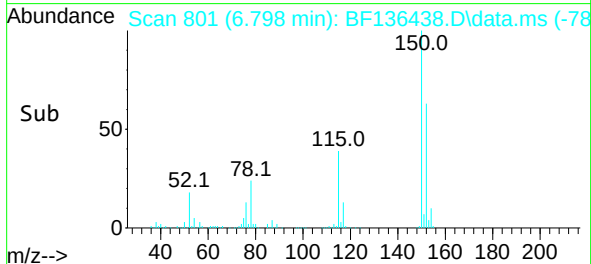


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

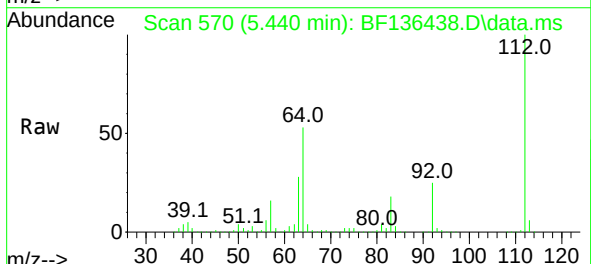
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3



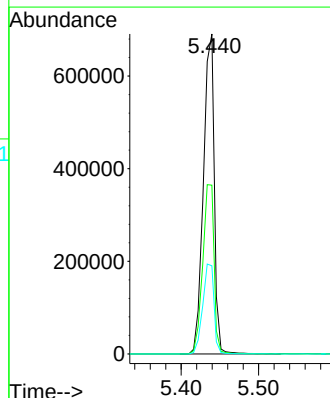
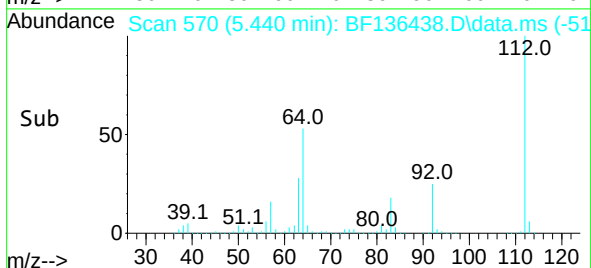
Tgt Ion:152 Resp: 86915
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 62.3 48.2 72.4

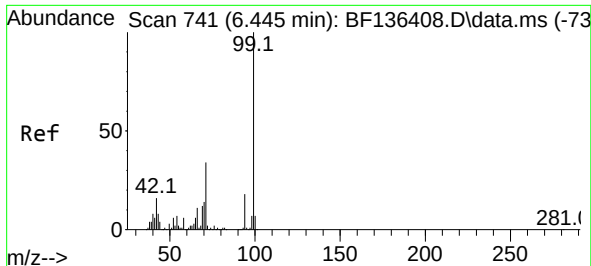


#5
2-Fluorophenol
Concen: 114.502 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24



Tgt Ion:112 Resp: 673871
Ion Ratio Lower Upper
112 100
64 52.8 46.5 69.7
63 27.6 23.9 35.9

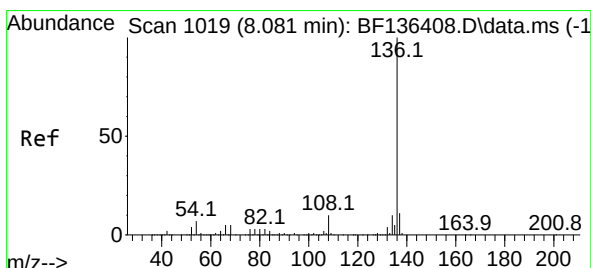
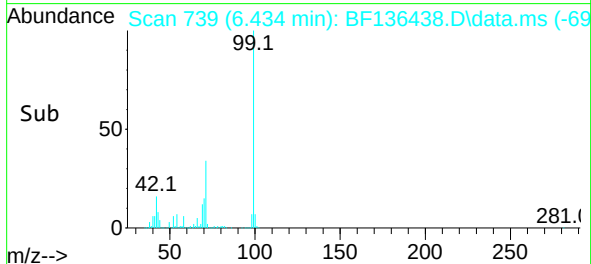
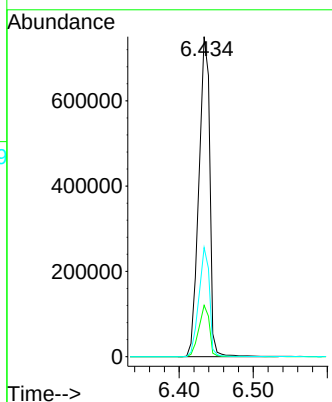
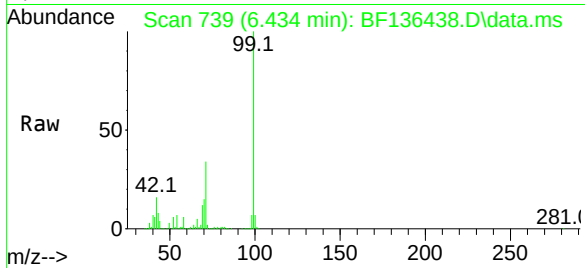




#7
Phenol-d6
Concen: 104.610 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

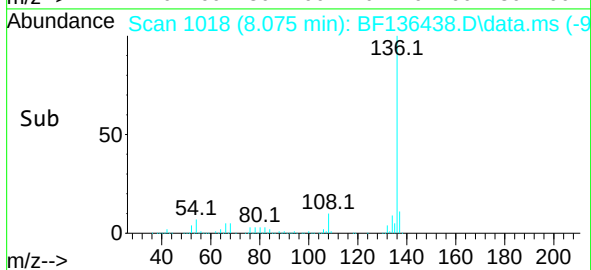
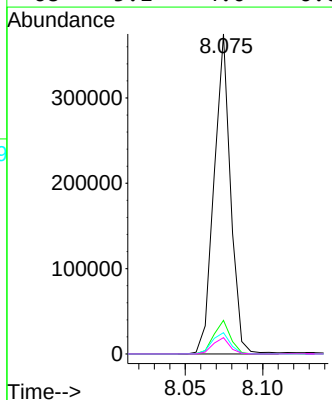
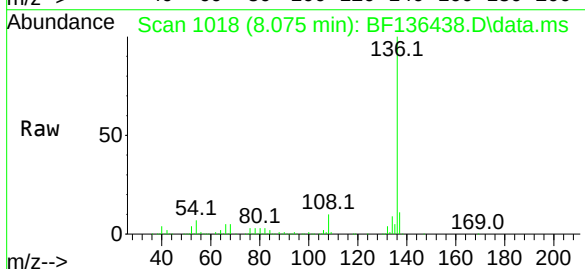
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3

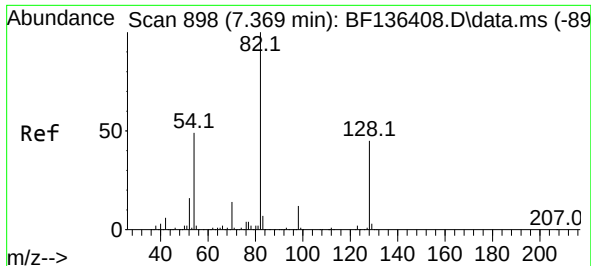
Tgt Ion: 99 Resp: 768128
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 34.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion: 136 Resp: 277426
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.7 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 81.874 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136438.D

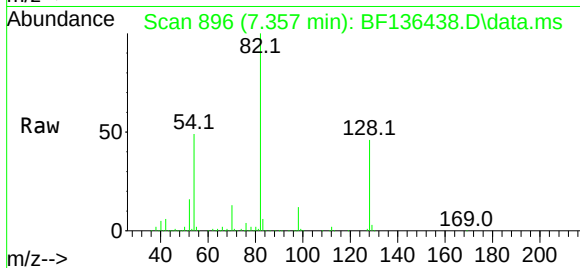
Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3



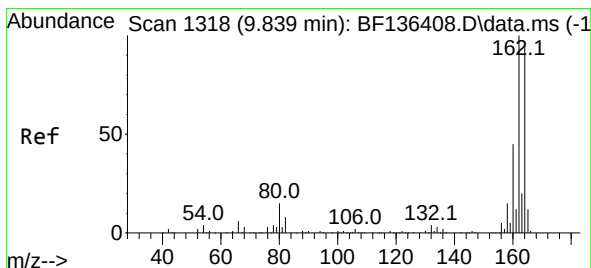
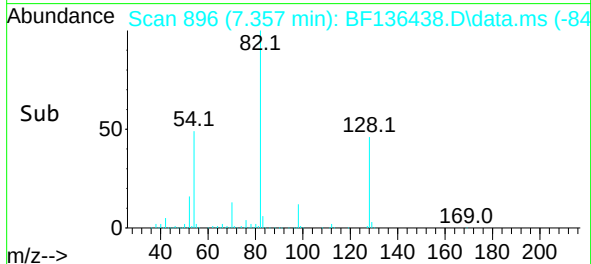
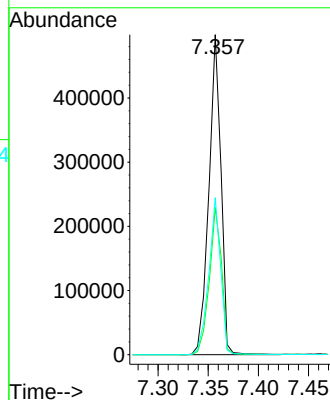
Tgt Ion: 82 Resp: 420159

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

54 49.1 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

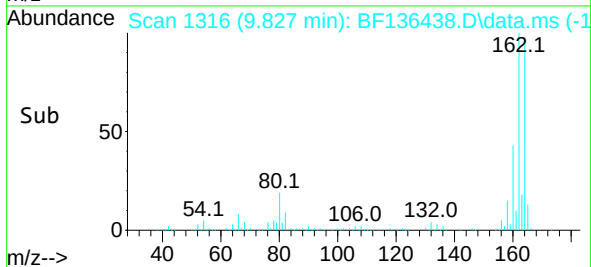
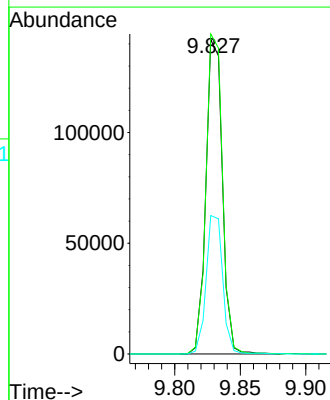
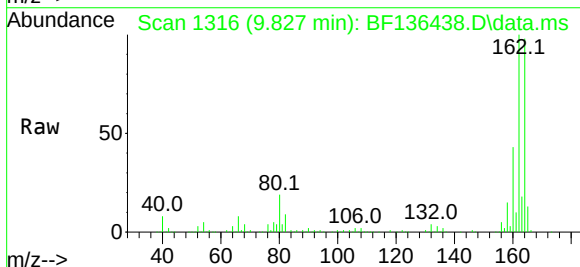
Tgt Ion:164 Resp: 124403

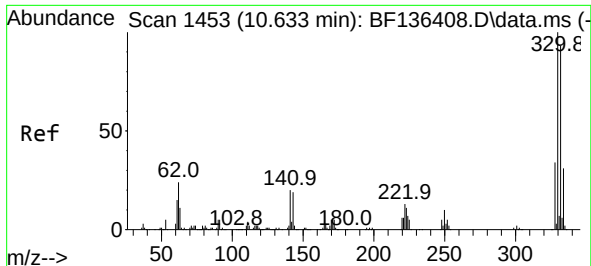
Ion Ratio Lower Upper

164 100

162 101.8 84.4 126.6

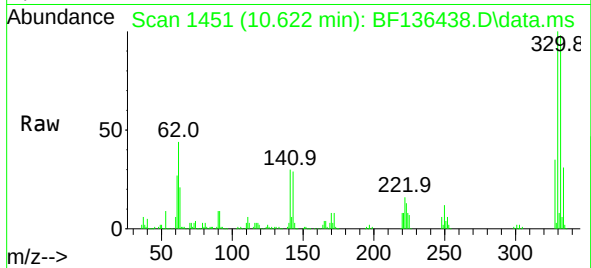
160 44.0 37.6 56.4



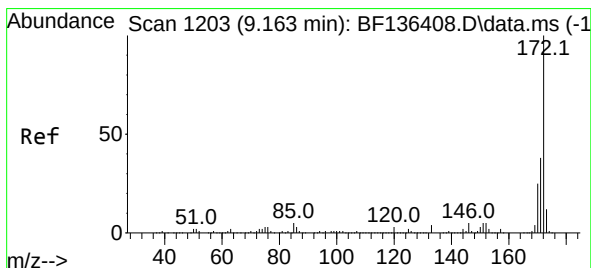
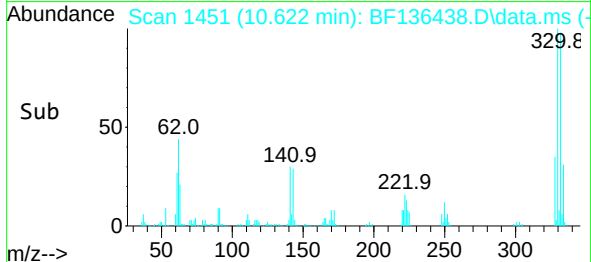
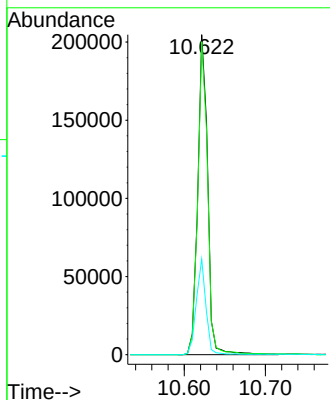


#42
2,4,6-Tribromophenol
Concen: 113.584 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3

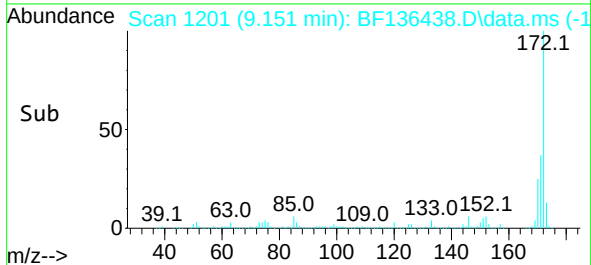
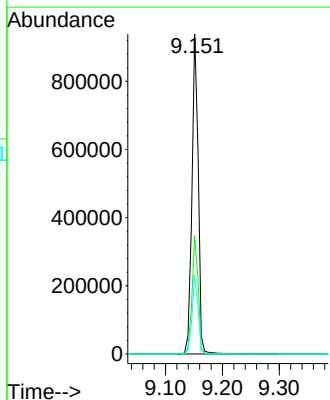
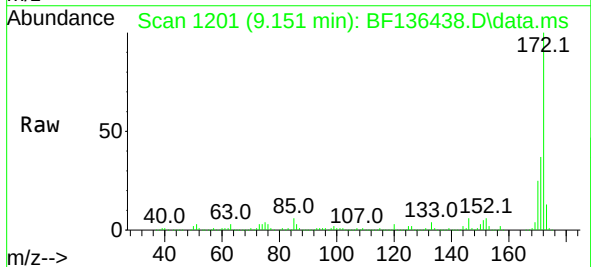


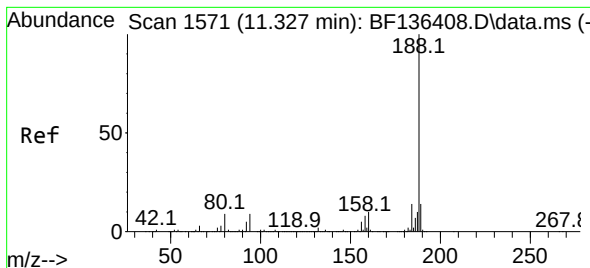
Tgt Ion:330 Resp: 174226
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 79.203 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion:172 Resp: 722098
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3

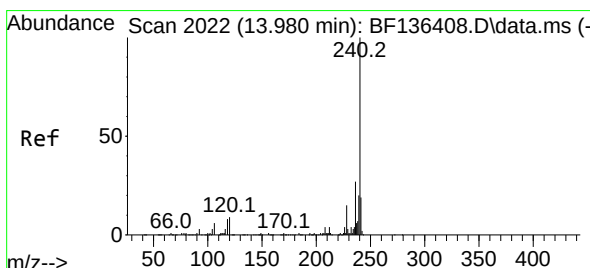
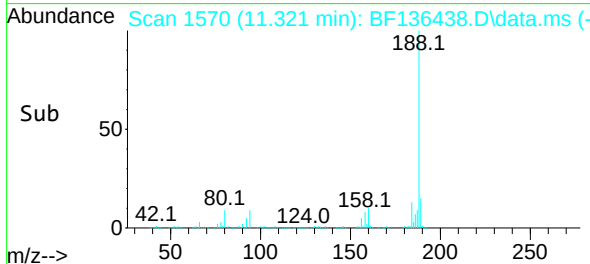
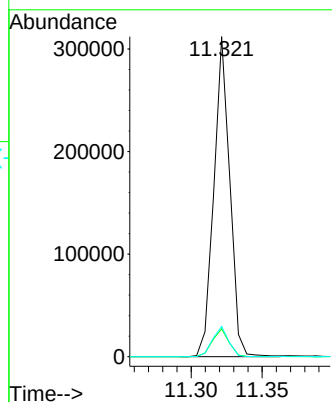
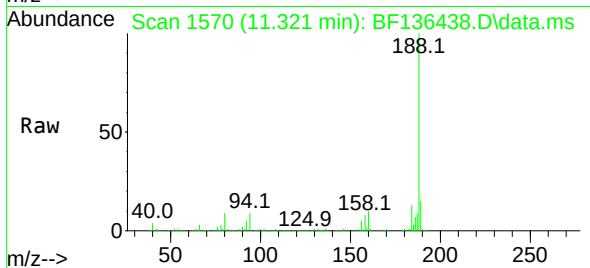
Tgt Ion:188 Resp: 243815

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.4 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: BF136438.D

Acq: 06 Dec 2023 20:24

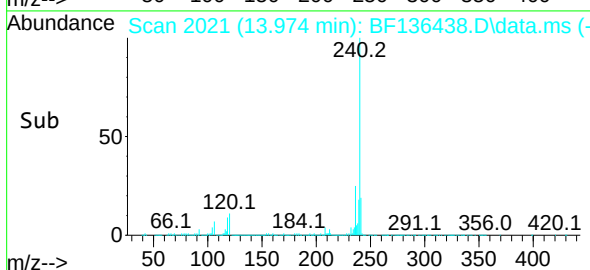
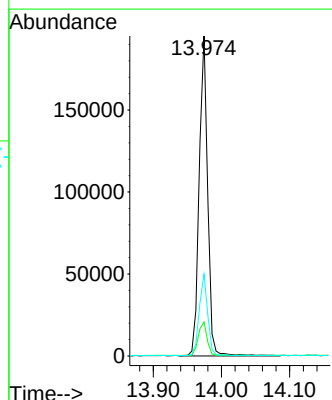
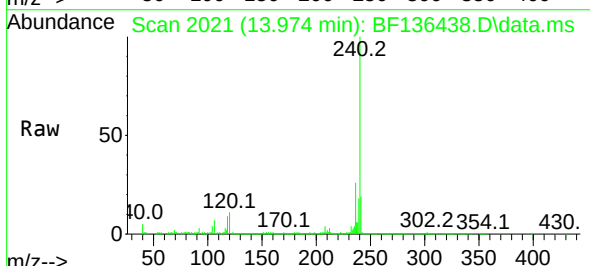
Tgt Ion:240 Resp: 168392

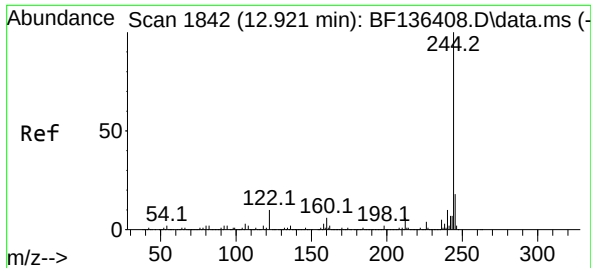
Ion Ratio Lower Upper

240 100

120 10.6 7.3 10.9

236 25.6 21.3 31.9

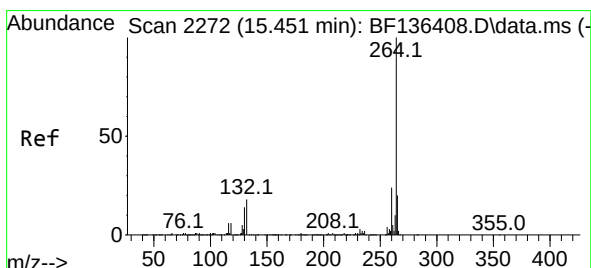
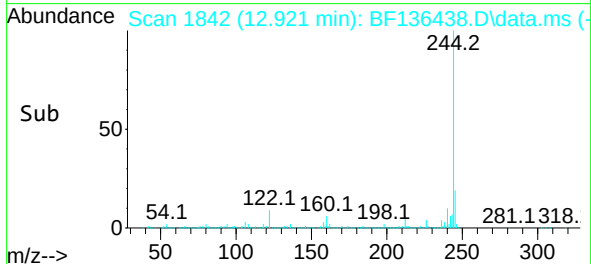
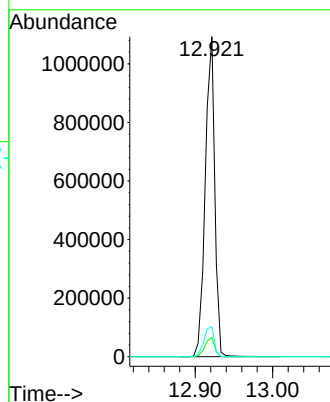
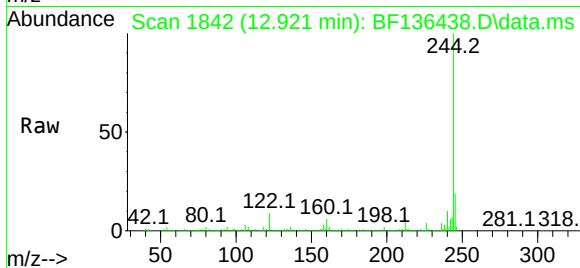




#79
 Terphenyl-d14
 Concen: 72.795 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136438.D
 Acq: 06 Dec 2023 20:24

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 930027
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136438.D
 Acq: 06 Dec 2023 20:24

Tgt Ion:264 Resp: 139410
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.5 15.9 23.9

