

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133357.D
 Acq On : 11 May 2023 16:32
 Operator : CG\JU
 Sample : 02743-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-WATER

Quant Time: May 11 17:13:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	188994	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	759703	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	382148	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	693689	20.000	ng	0.00
76) Chrysene-d12	13.868	240	409994	20.000	ng	-0.01
86) Perylene-d12	15.286	264	435624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	772402	61.737	ng	0.00
7) Phenol-d6	6.357	99	573807	36.951	ng	-0.01
23) Nitrobenzene-d5	7.287	82	1169380	83.084	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	461773	120.152	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1955586	85.613	ng	0.00
79) Terphenyl-d14	12.827	244	2124367	89.363	ng	0.00

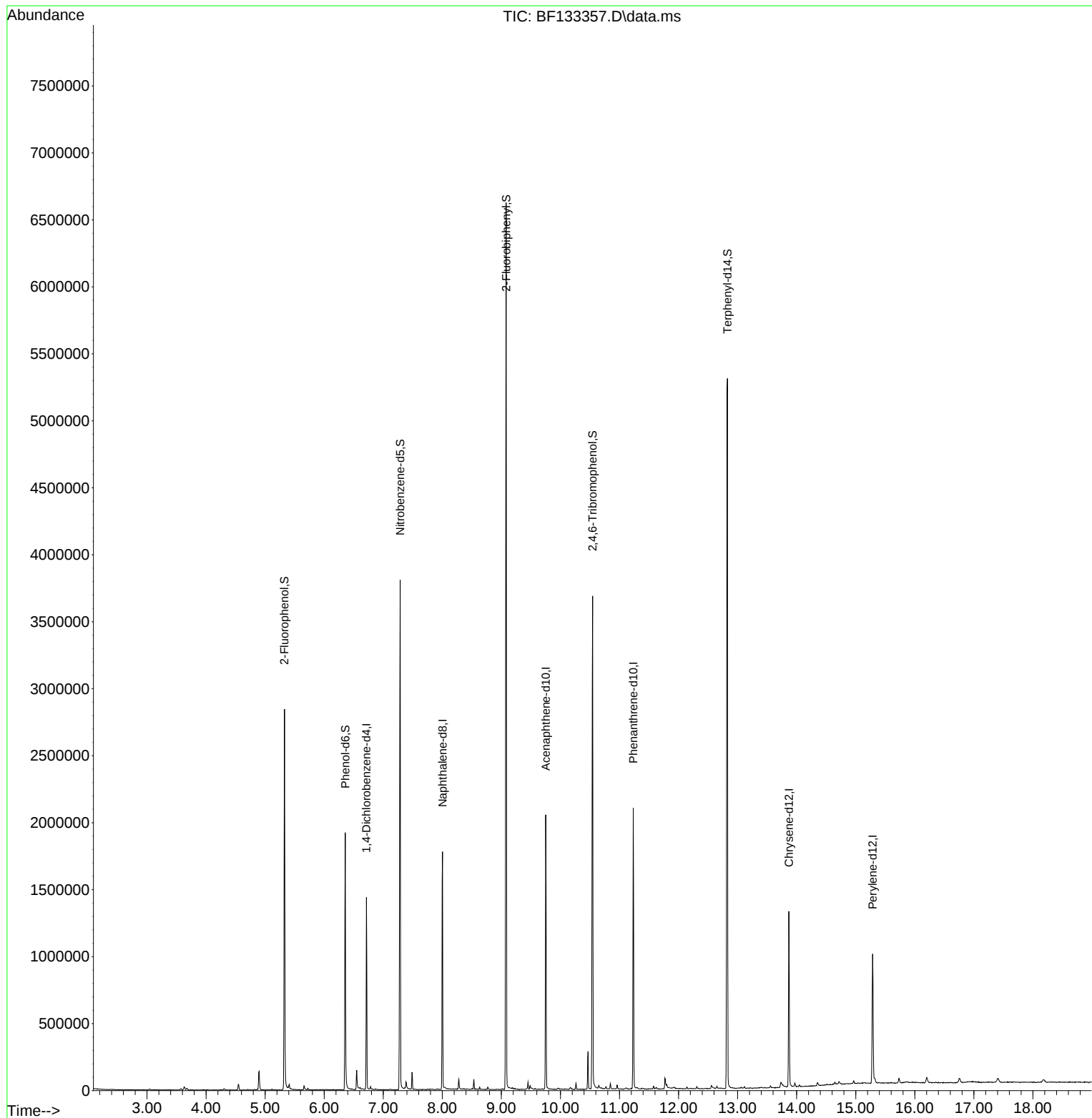
Target Compounds	Qvalue

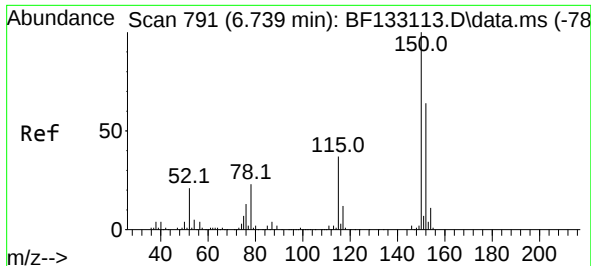
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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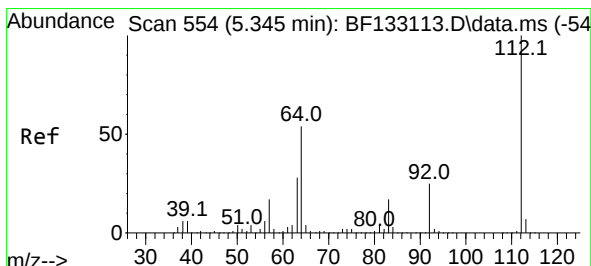
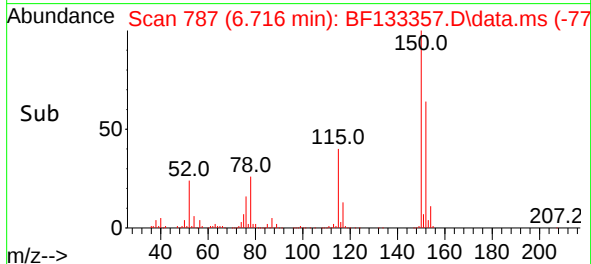
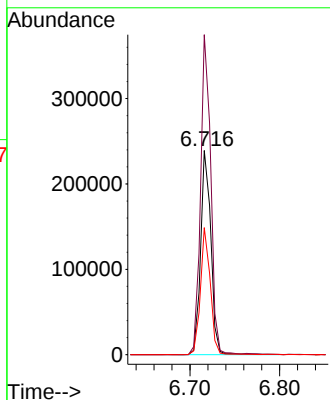
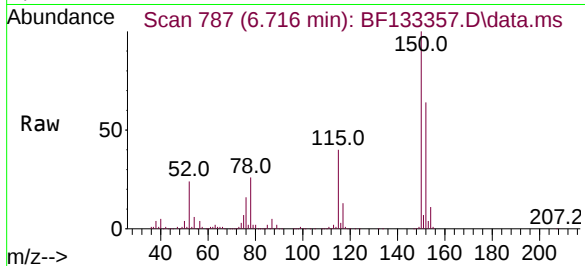




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

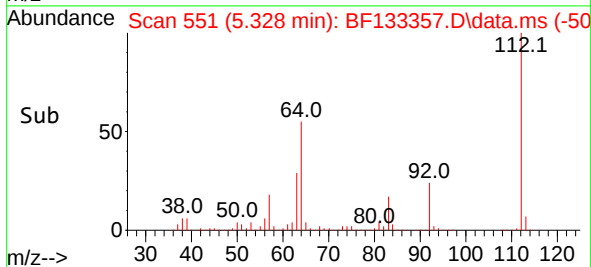
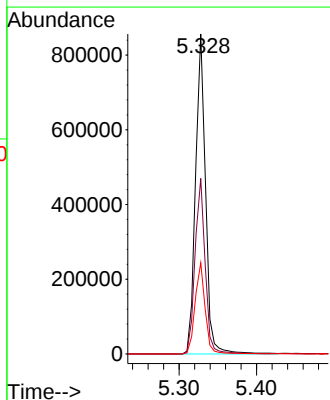
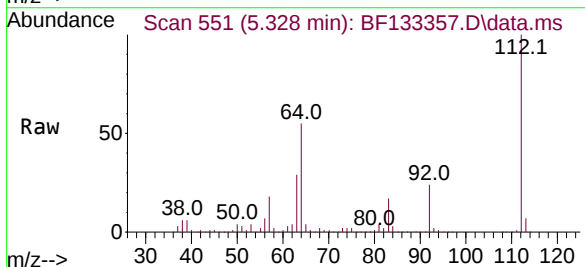
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

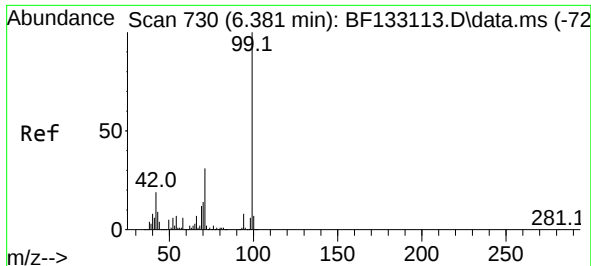
Tgt Ion:152 Resp: 188994
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 62.2 49.9 74.9



#5
2-Fluorophenol
Concen: 61.737 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:112 Resp: 772402
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.5 23.8 35.8





#7

Phenol-d6

Concen: 36.951 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133357.D

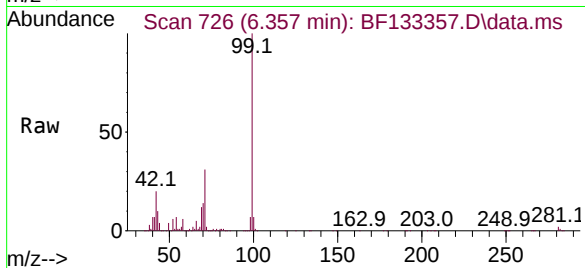
Acq: 11 May 2023 16:32

Instrument :

BNA_F

ClientSampleId :

DRUM-A-WATER



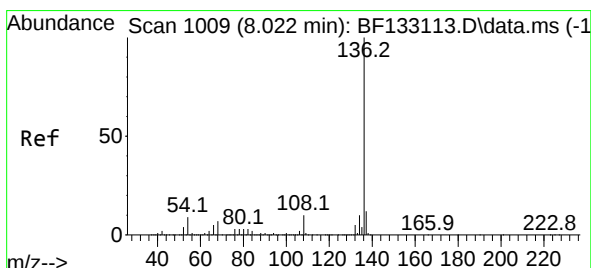
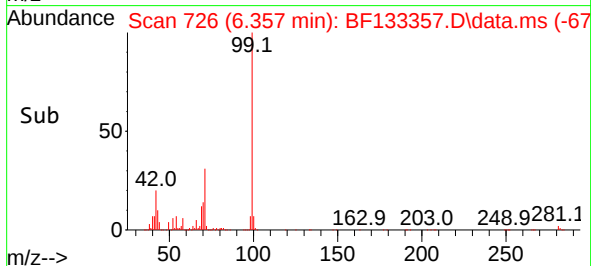
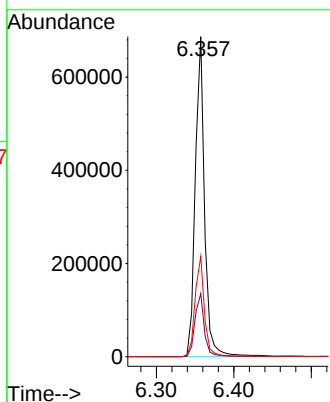
Tgt Ion: 99 Resp: 573807

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 31.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133357.D

Acq: 11 May 2023 16:32

Tgt Ion: 136 Resp: 759703

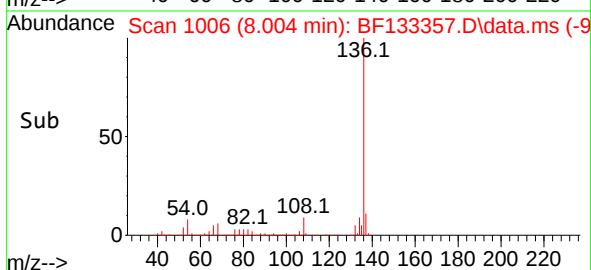
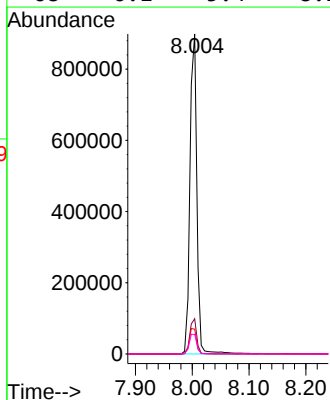
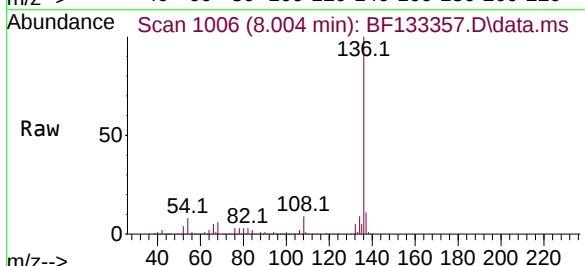
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.8 7.0 10.4

68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.084 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133357.D

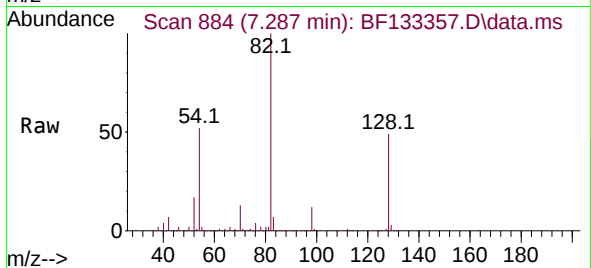
Acq: 11 May 2023 16:32

Instrument :

BNA_F

ClientSampleId :

DRUM-A-WATER



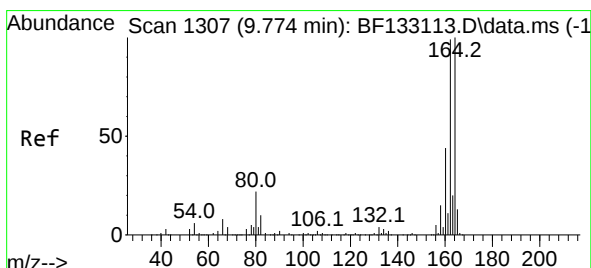
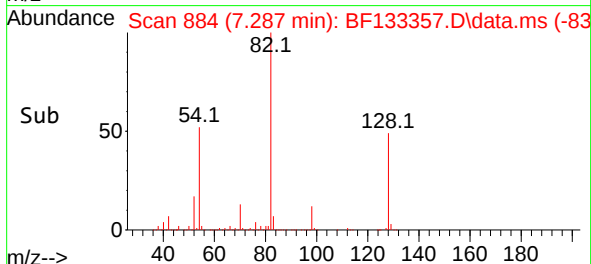
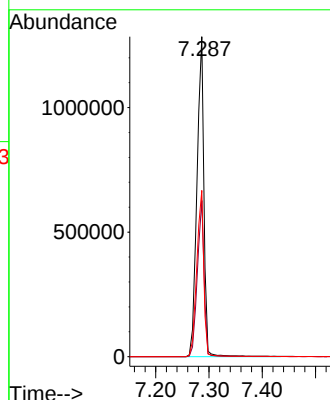
Tgt Ion: 82 Resp: 1169380

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.0 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF133357.D

Acq: 11 May 2023 16:32

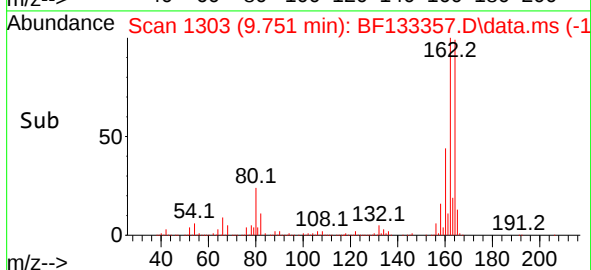
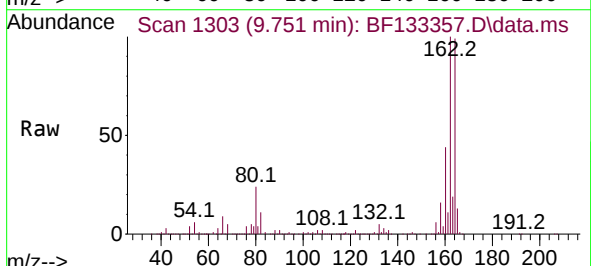
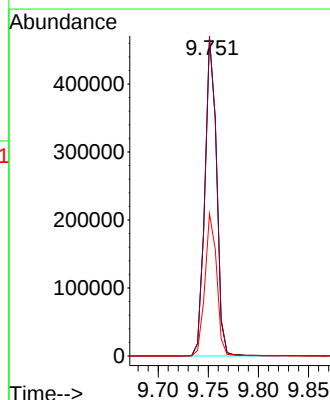
Tgt Ion: 164 Resp: 382148

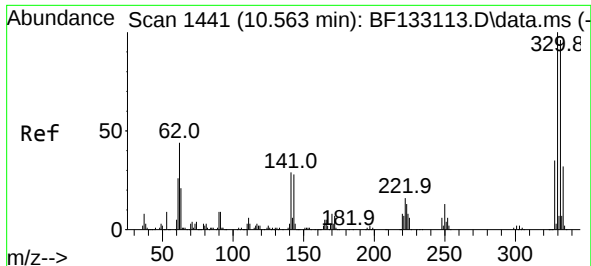
Ion Ratio Lower Upper

164 100

162 100.8 78.7 118.1

160 44.8 35.8 53.6

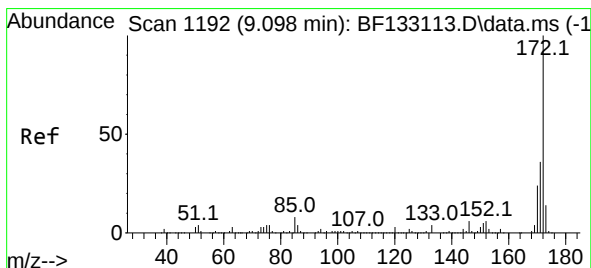
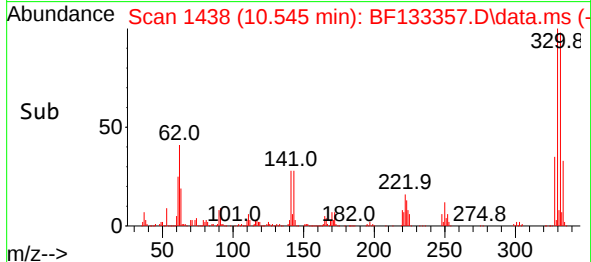
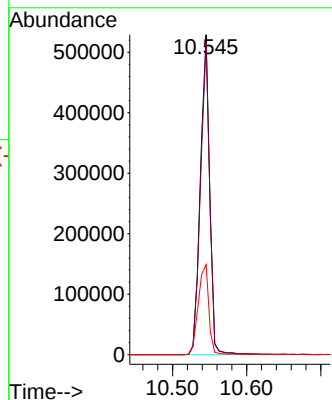
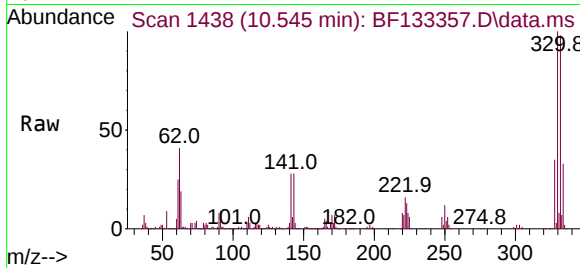




#42
2,4,6-Tribromophenol
Concen: 120.152 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

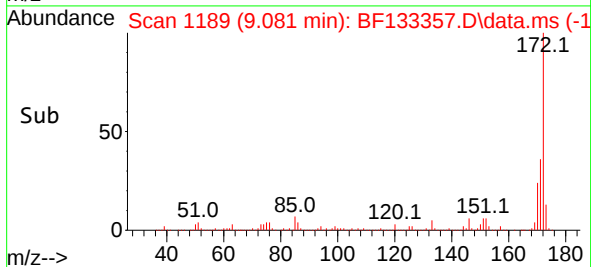
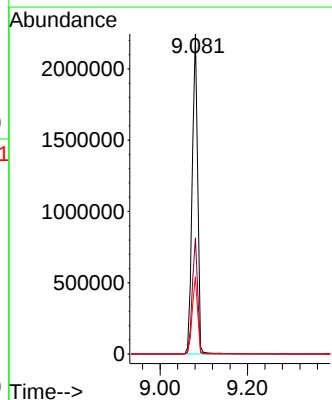
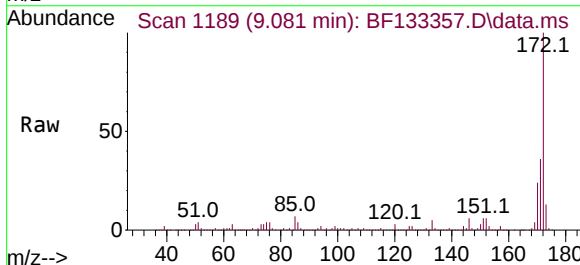
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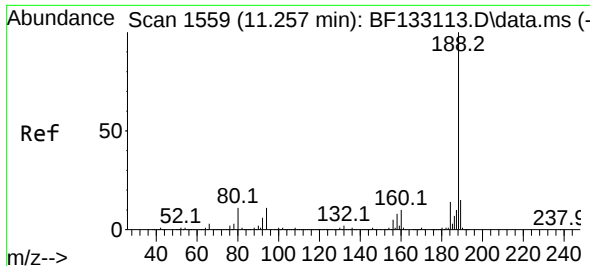
Tgt Ion: 330 Resp: 461773
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.613 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion: 172 Resp: 1955586
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 19.4 29.2

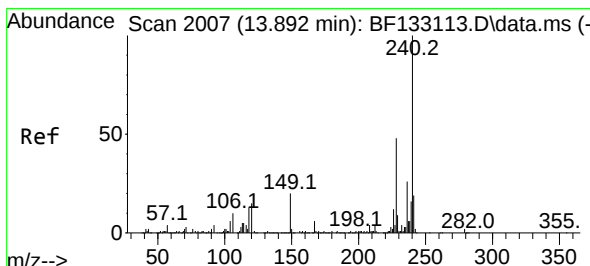
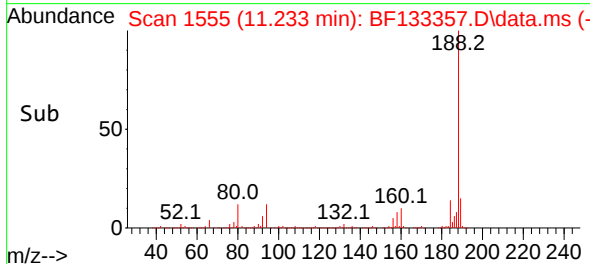
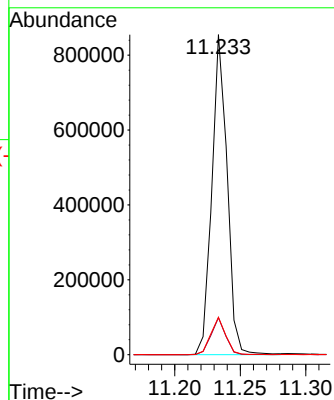
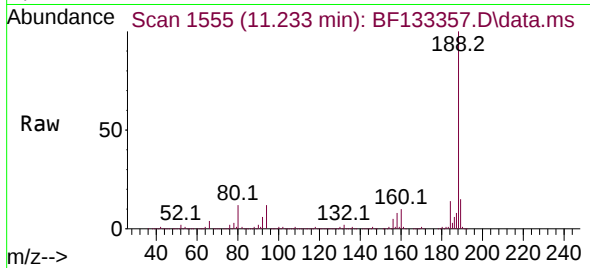




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

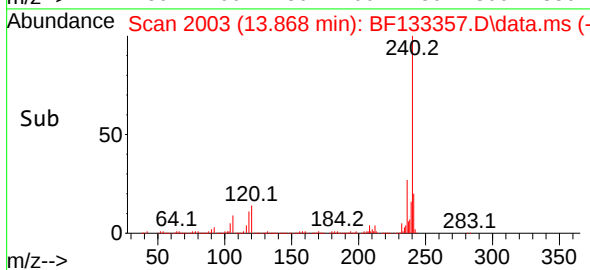
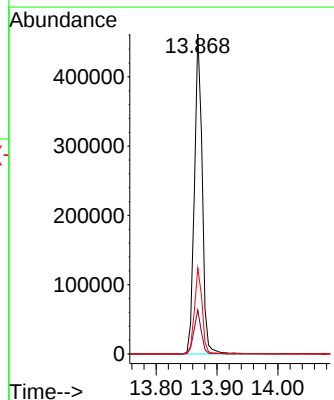
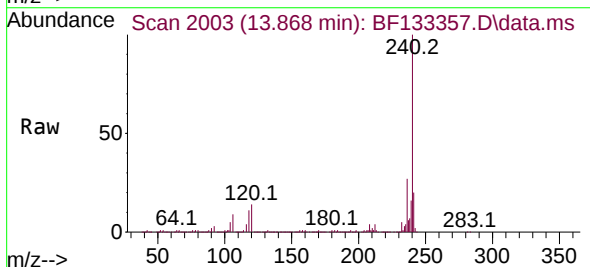
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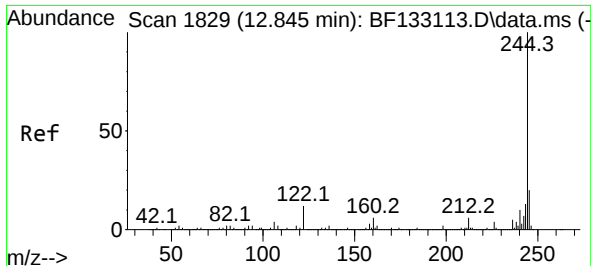
Tgt Ion:188 Resp: 693689
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:240 Resp: 409994
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.8 21.5 32.3

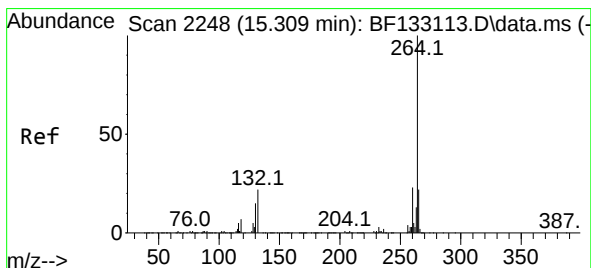
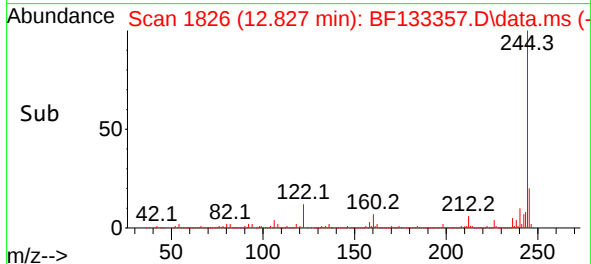
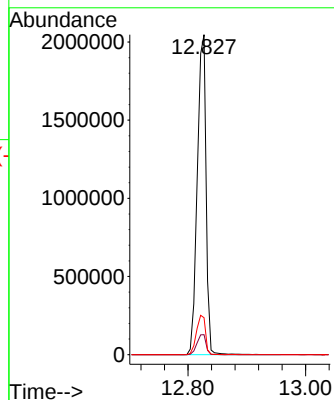
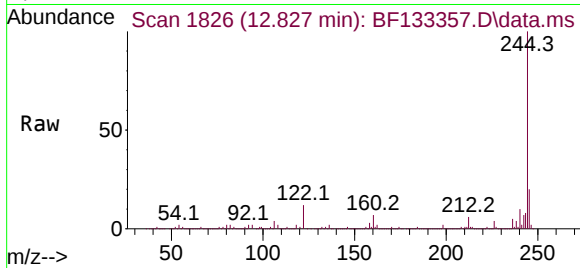




#79
 Terphenyl-d14
 Concen: 89.363 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF133357.D
 Acq: 11 May 2023 16:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2124367
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133357.D
 Acq: 11 May 2023 16:32

Tgt Ion:264 Resp: 435624
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.7 17.0 25.4

