

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133038.D
 Acq On : 25 Apr 2023 20:58
 Operator : CG\JU
 Sample : 02477-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MID-H4(ELEV-22)

Quant Time: Apr 26 02:17:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190843	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	763235	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	411995	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	760632	20.000	ng	0.00
76) Chrysene-d12	13.886	240	457507	20.000	ng	-0.01
86) Perylene-d12	15.310	264	377936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	954864	75.582	ng	0.00
7) Phenol-d6	6.375	99	1173129	74.813	ng	-0.01
23) Nitrobenzene-d5	7.304	82	690176	48.810	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	280904	67.796	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1278317	51.909	ng	-0.01
79) Terphenyl-d14	12.845	244	1462792	55.143	ng	0.00

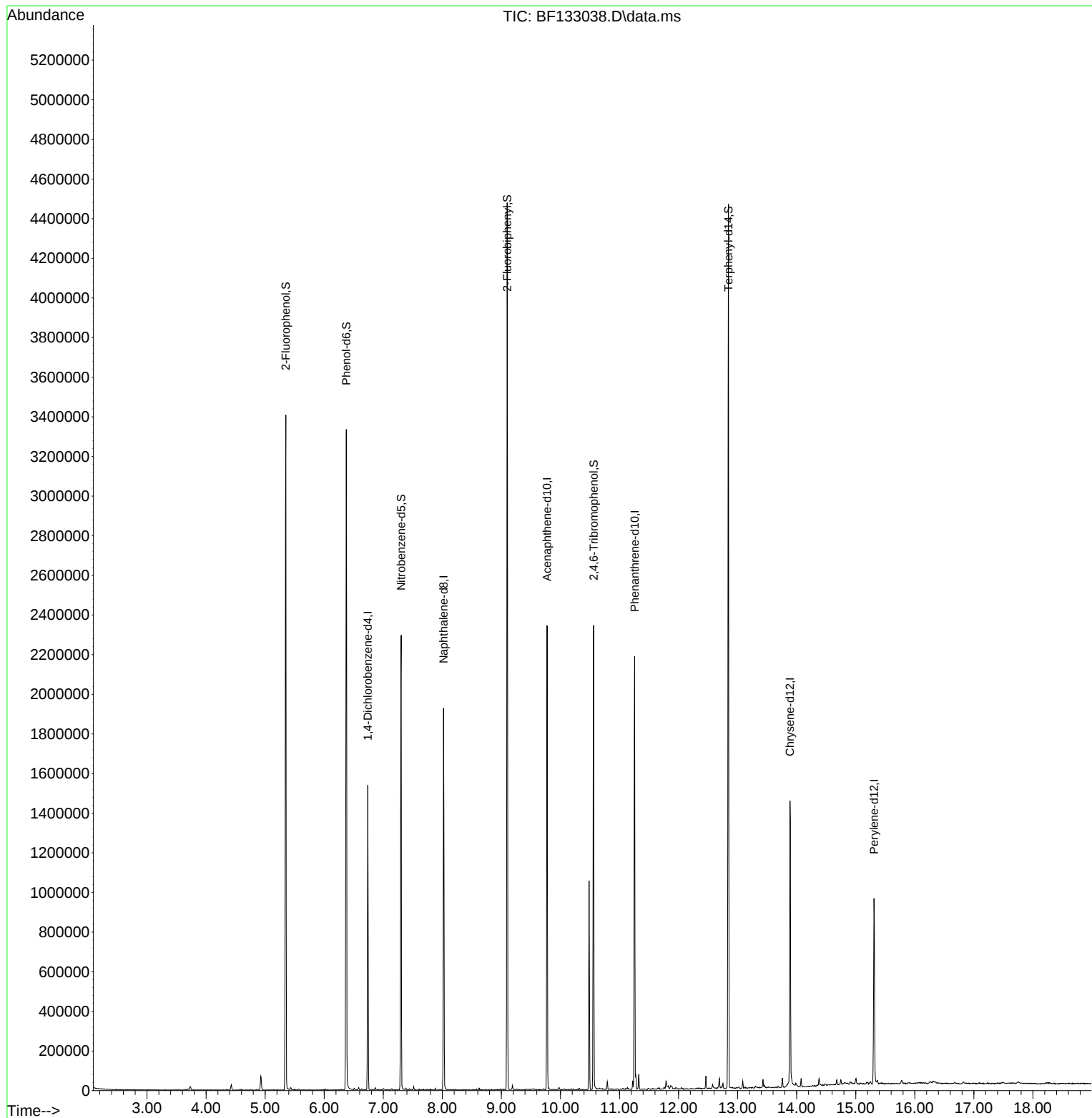
Target Compounds	Qvalue

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

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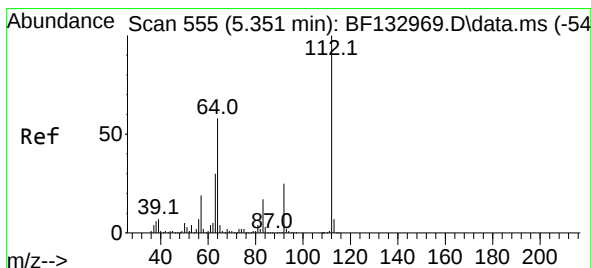
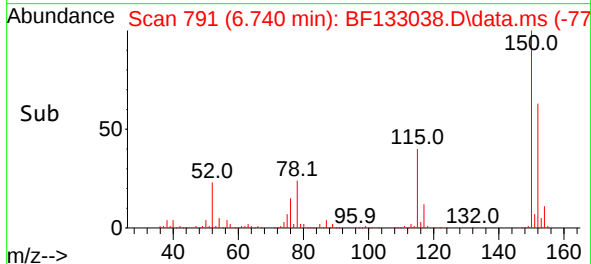
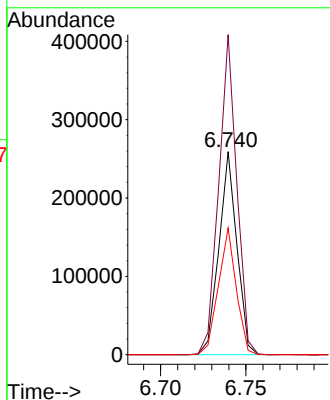
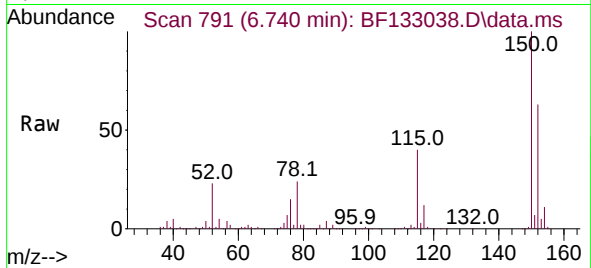




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

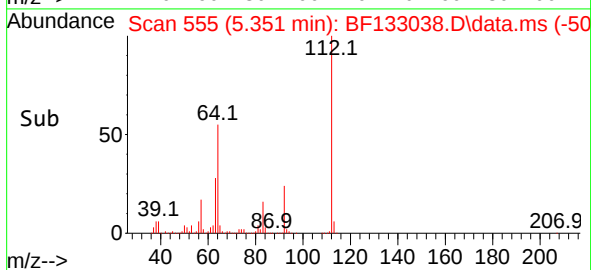
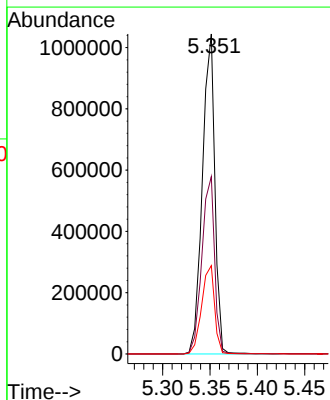
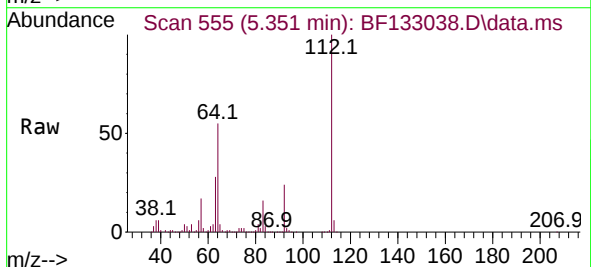
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

Tgt Ion:152 Resp: 190843
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 75.582 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion:112 Resp: 954864
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 27.6 23.8 35.8

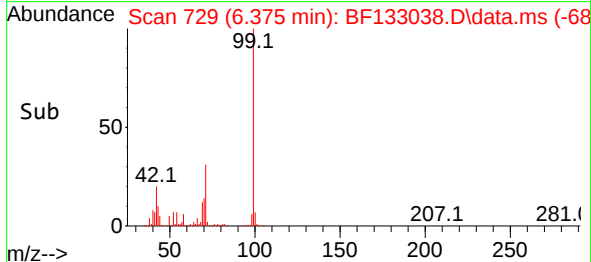
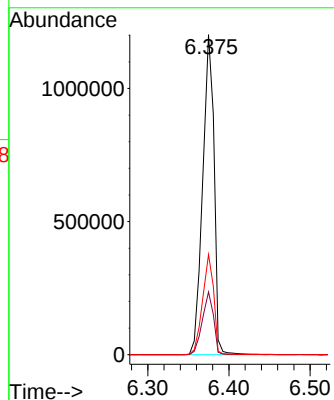
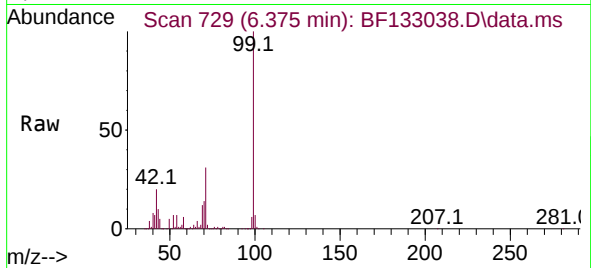




#7
Phenol-d6
Concen: 74.813 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

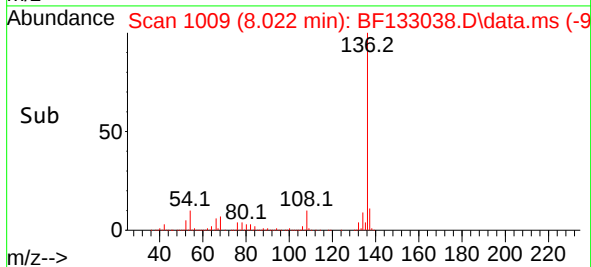
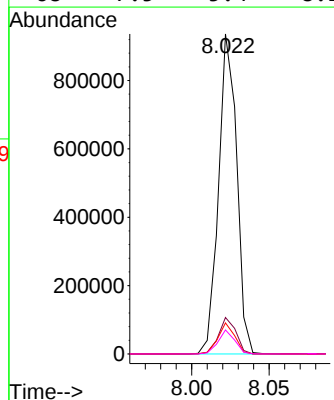
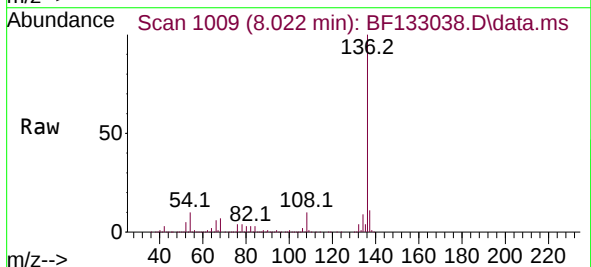
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

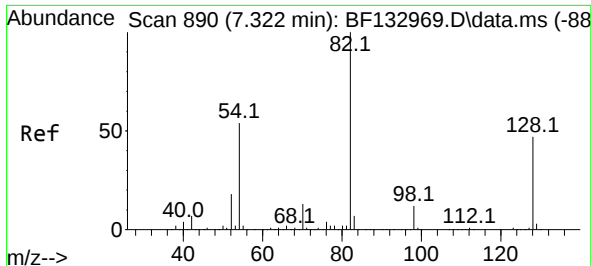
Tgt Ion: 99 Resp: 1173129
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion: 136 Resp: 763235
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.7 7.0 10.4
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.810 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

Instrument :

BNA_F

ClientSampleId :

MID-H4(ELEV-22)

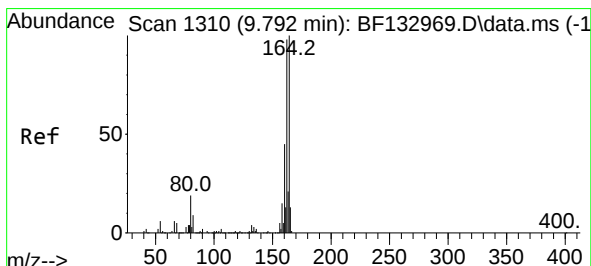
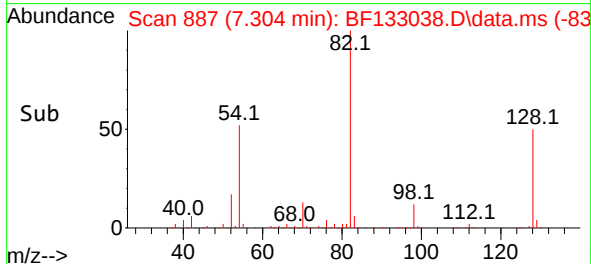
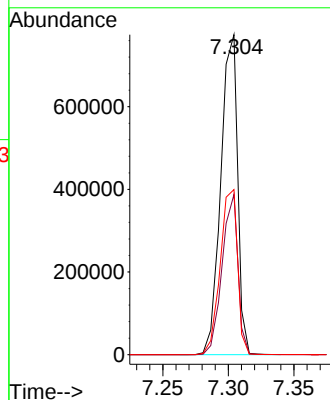
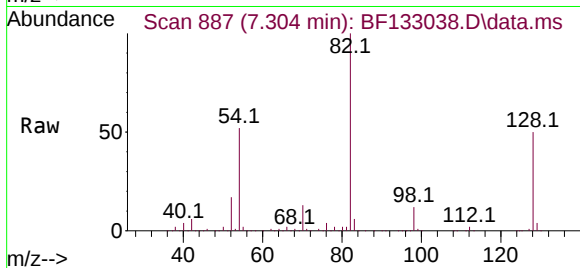
Tgt Ion: 82 Resp: 690176

Ion Ratio Lower Upper

82 100

128 50.1 37.7 56.5

54 51.6 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

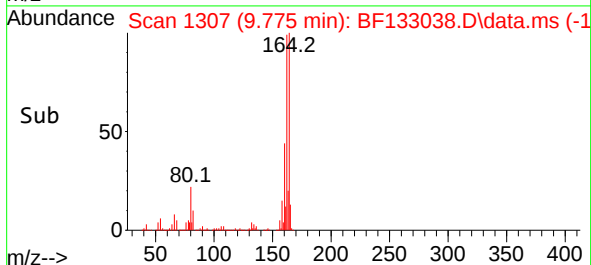
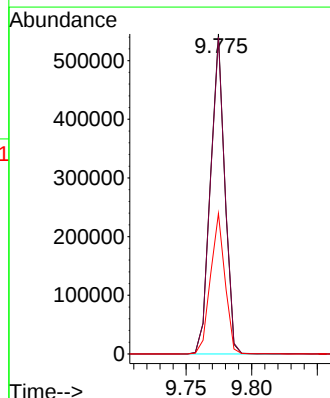
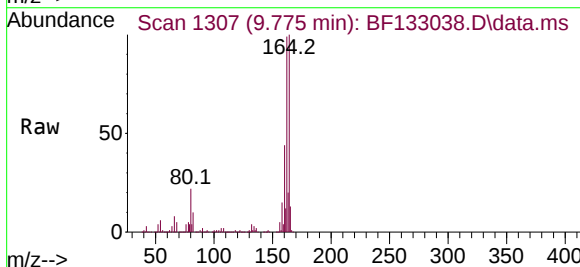
Tgt Ion:164 Resp: 411995

Ion Ratio Lower Upper

164 100

162 99.0 78.7 118.1

160 43.9 35.8 53.6

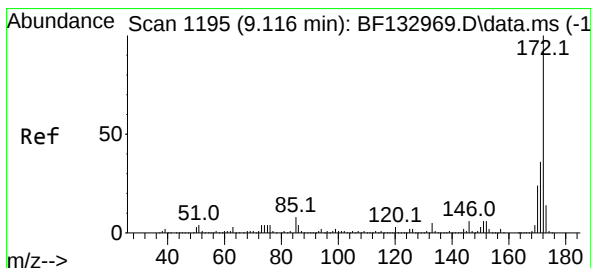
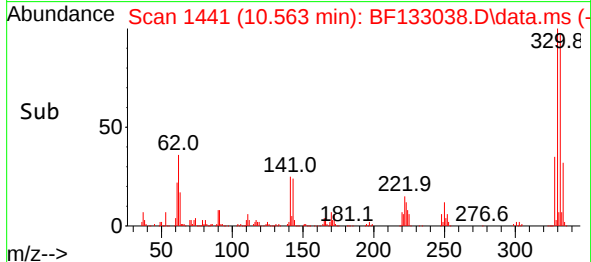
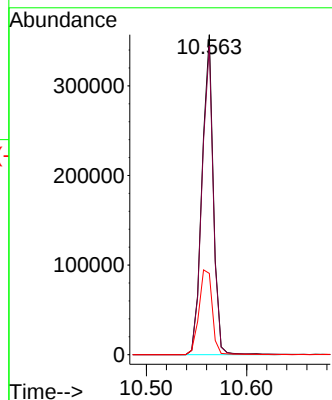
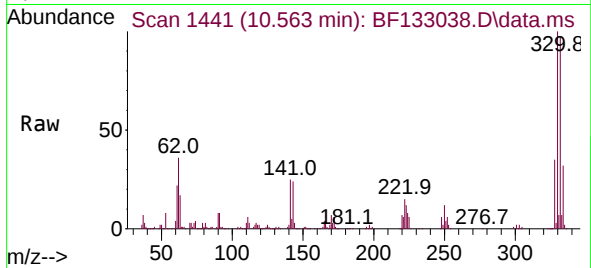




#42
2,4,6-Tribromophenol
Concen: 67.796 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

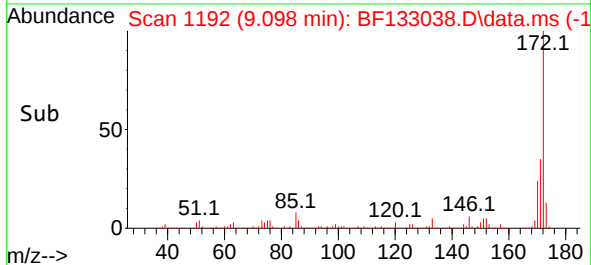
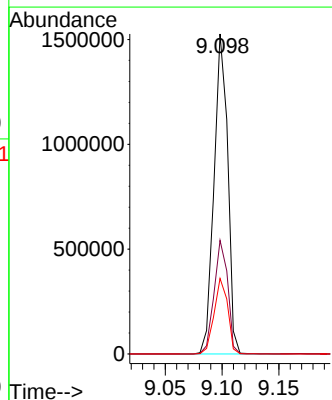
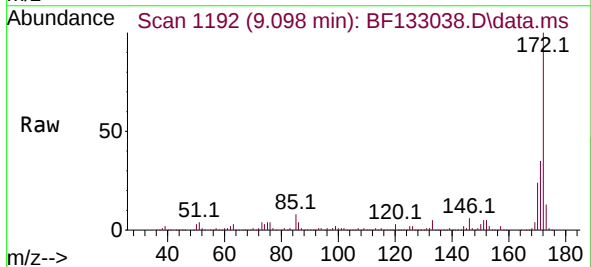
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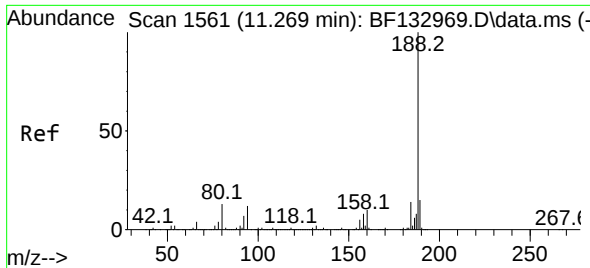
Tgt Ion:330 Resp: 280904
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 51.909 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion:172 Resp: 1278317
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.4 29.2

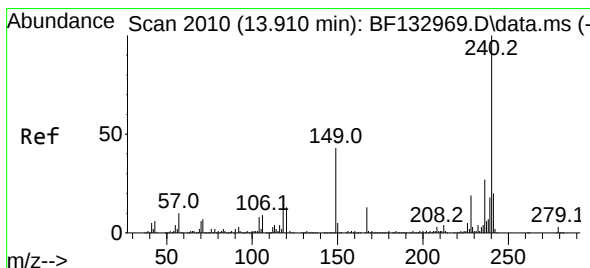
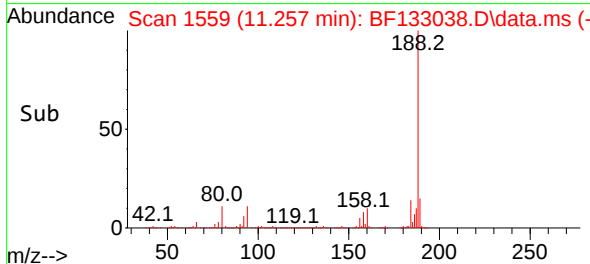
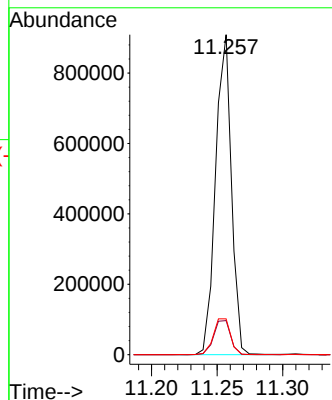
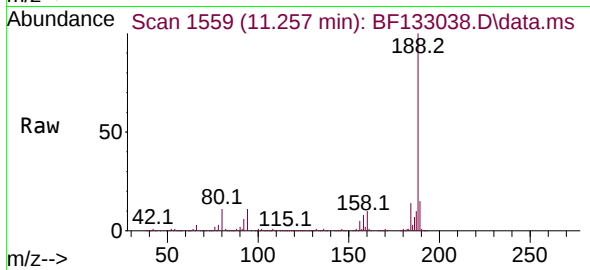




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

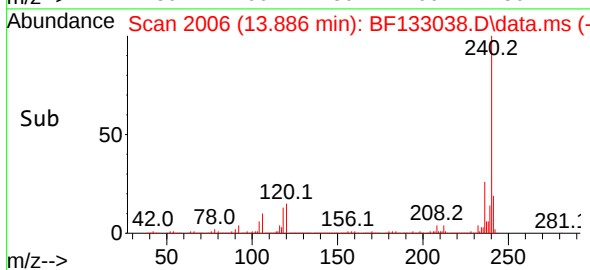
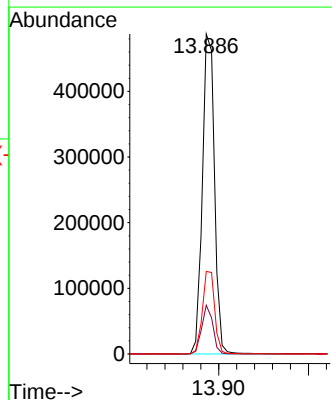
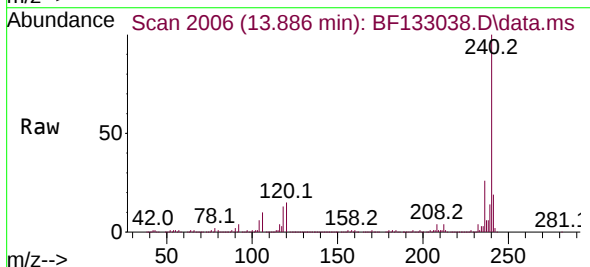
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

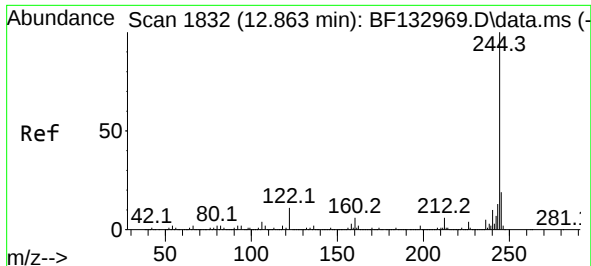
Tgt Ion:188 Resp: 760632
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.2 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

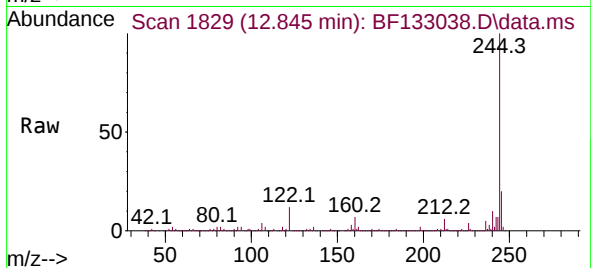
Tgt Ion:240 Resp: 457507
Ion Ratio Lower Upper
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120 15.2 10.5 15.7
236 25.8 21.5 32.3



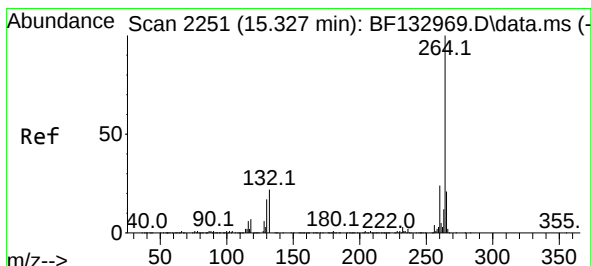
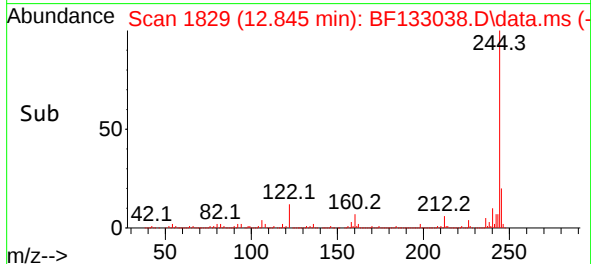
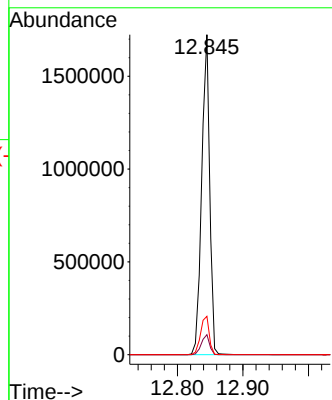


#79
 Terphenyl-d14
 Concen: 55.143 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133038.D
 Acq: 25 Apr 2023 20:58

Instrument :
 BNA_F
 ClientSampleId :
 MID-H4(ELEV-22)



Tgt Ion:244 Resp: 1462792
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 12.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133038.D
 Acq: 25 Apr 2023 20:58

Tgt Ion:264 Resp: 377936
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.9 17.0 25.4

