

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113153.D
 Acq On : 20 Mar 2019 4:59
 Operator : JU/SJ
 Sample : K1971-09DL 100X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(1-2)-031519DL

Quant Time: Mar 20 09:24:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147513	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	561422	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	211036	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	341398	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	270916	20.00	ng	0.00
87) Perylene-d12	15.27	264	199312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	6027	0.64	ng	0.00
7) Phenol-d6	6.37	99	9135	0.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	5895	0.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	1777	0.79	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.82	244	10081	0.72	ng	0.00

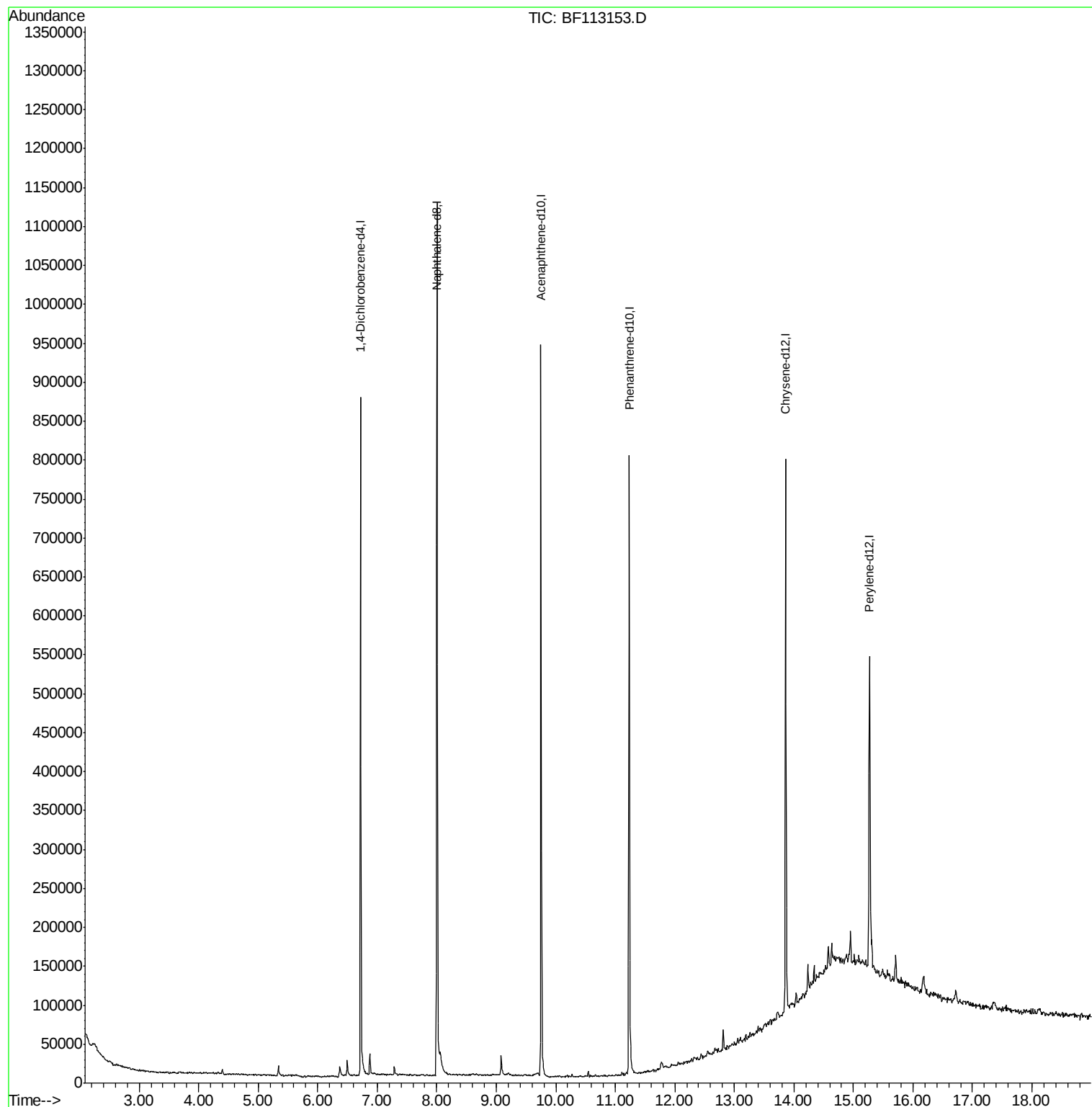
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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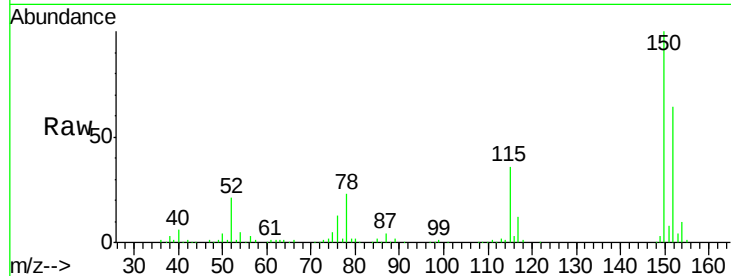


#1

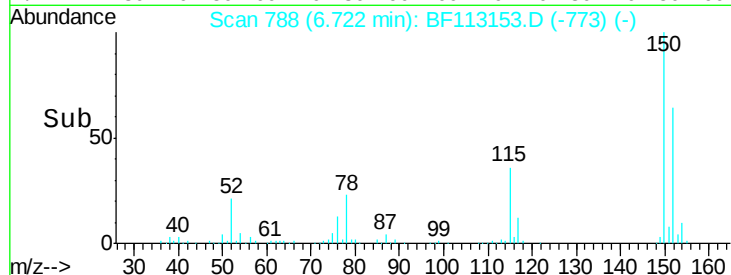
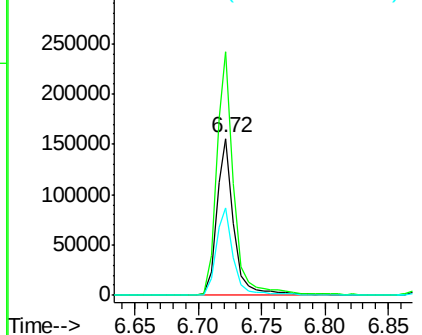
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

Instrument :
BNA_F
ClientSampleId :
SB-15(1-2)-031519DL

Tgt Ion:152 Resp: 147513
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 56.1 48.2 72.4



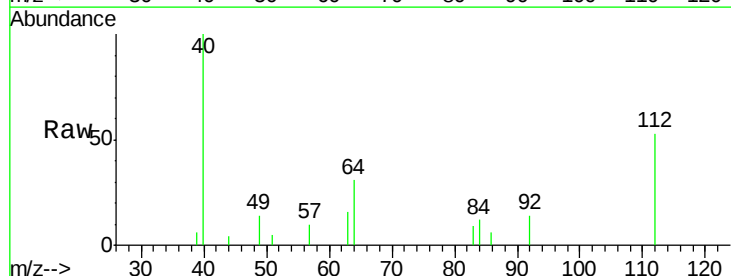
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



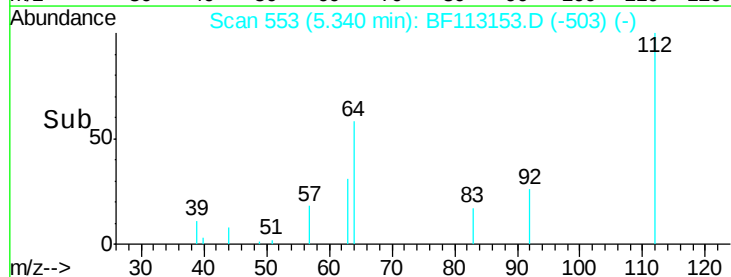
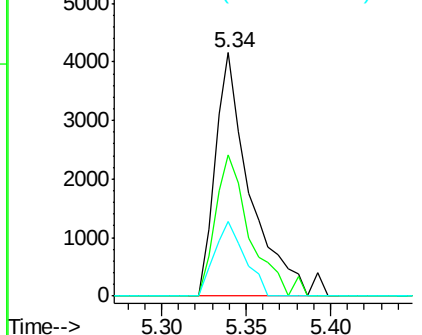
#5

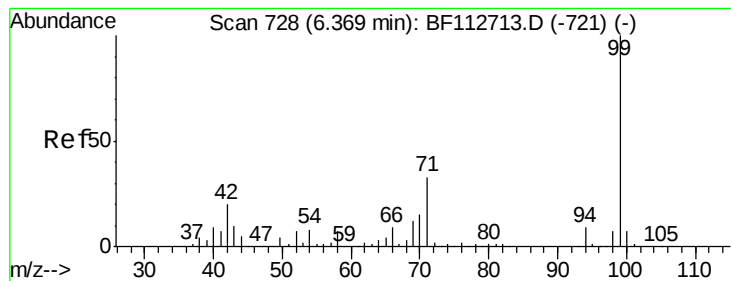
2-Fluorophenol
Concen: 0.636 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

Tgt Ion:112 Resp: 6027
Ion Ratio Lower Upper
112 100
64 58.1 47.6 71.4
63 30.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.767 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113153.D

Acq: 20 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

SB-15(1-2)-031519DL

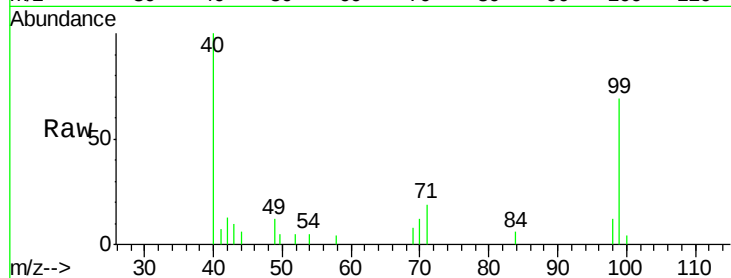
Tgt Ion: 99 Resp: 9135

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

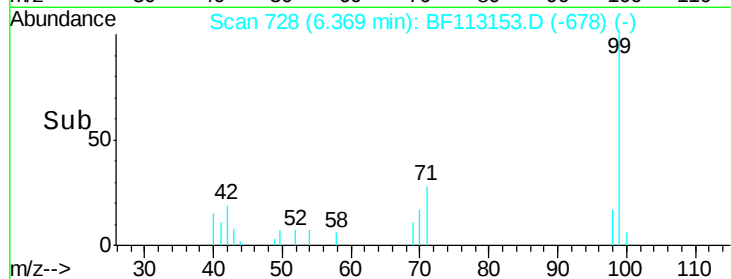
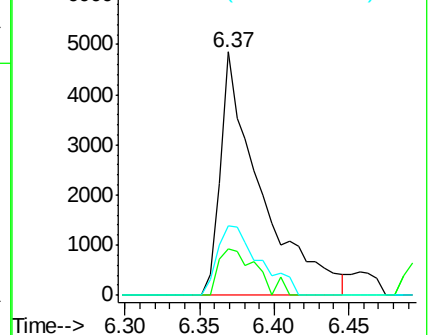
71 28.4 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113153.D

Acq: 20 Mar 2019 4:59

Tgt Ion: 136 Resp: 561422

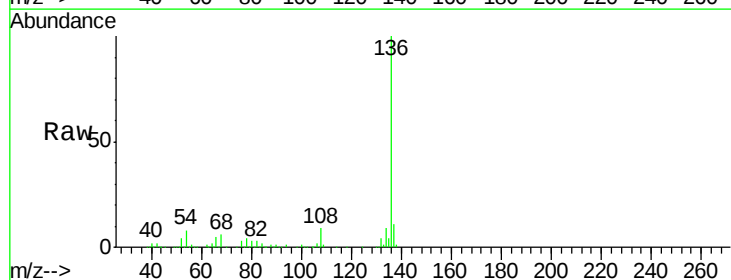
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 7.3 10.9

68 5.7 5.4 8.2

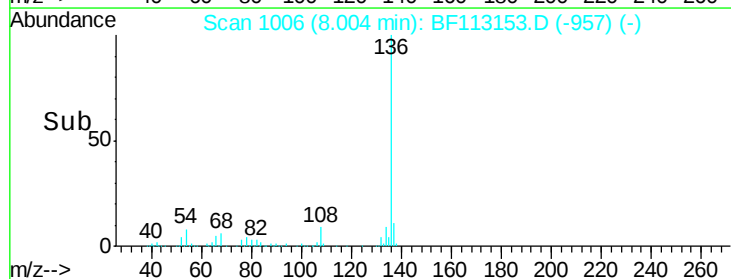
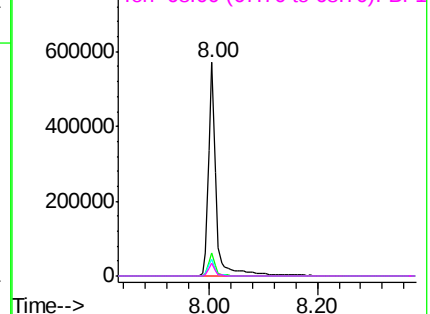


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

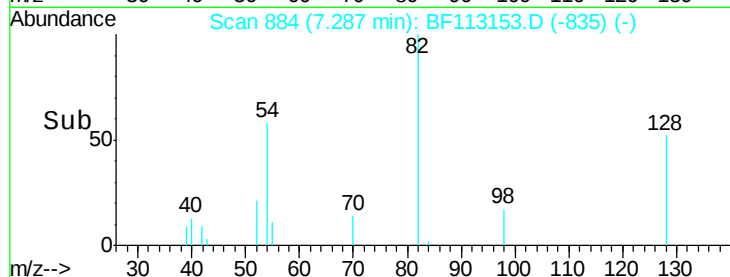
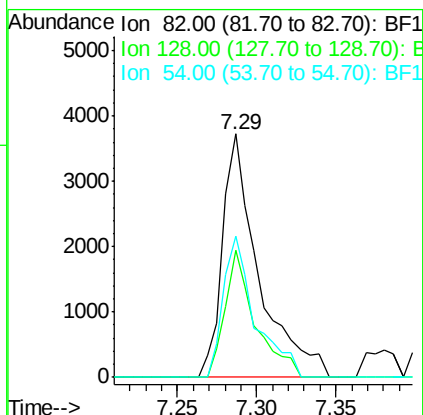
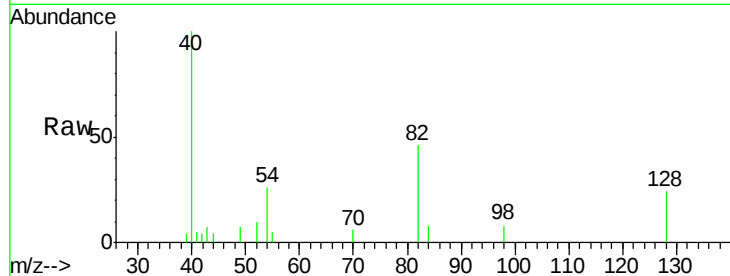




#23
Nitrobenzene-d5
Concen: 0.628 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

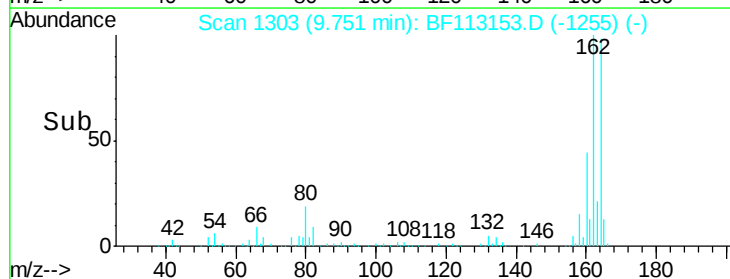
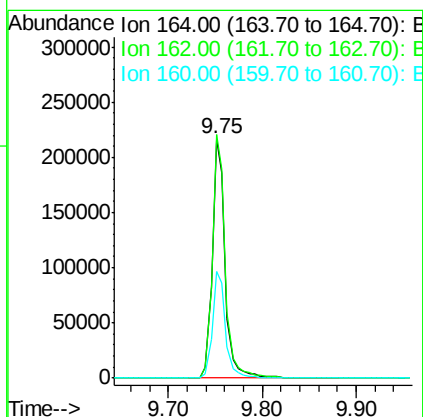
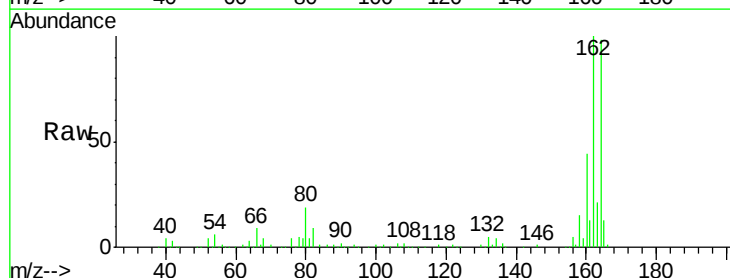
Instrument :
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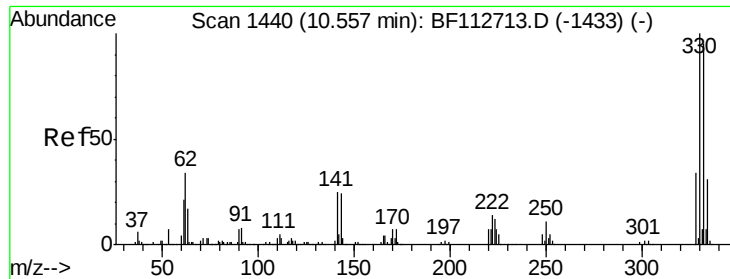
Tgt Ion: 82 Resp: 5895
Ion Ratio Lower Upper
82 100
128 52.0 36.3 54.5
54 57.9 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

Tgt Ion: 164 Resp: 211036
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.8 36.0 54.0

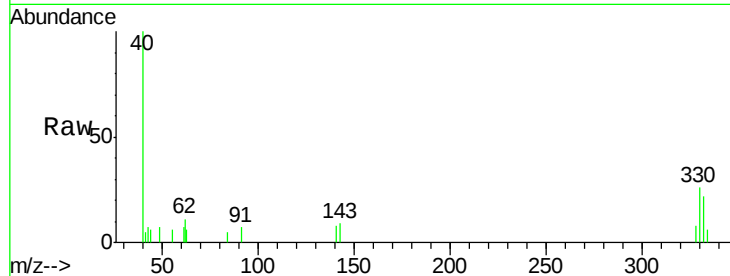




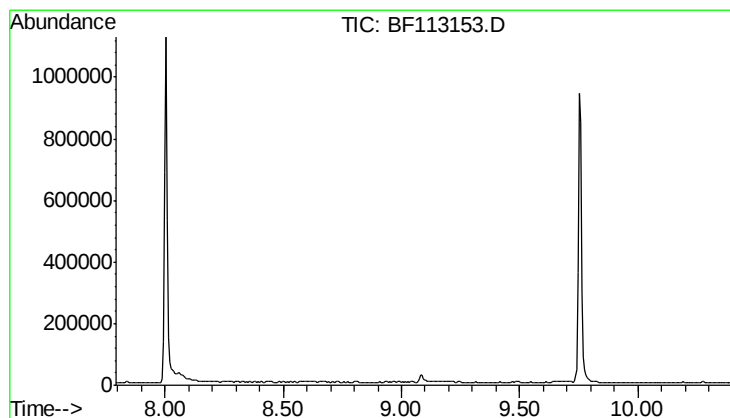
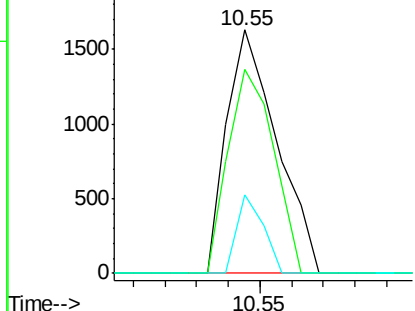
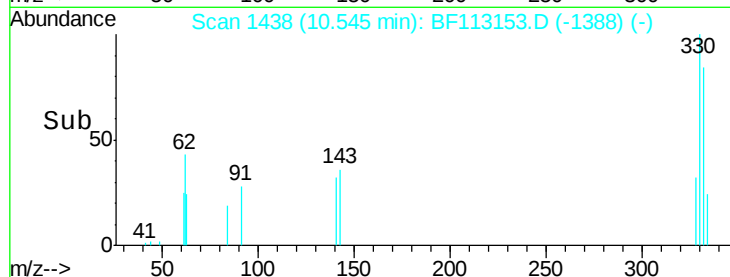
#42
 2,4,6-Tribromophenol
 Concen: 0.793 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113153.D
 Acq: 20 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(1-2)-031519DL

Tgt Ion: 330 Resp: 1777
 Ion Ratio Lower Upper
 330 100
 332 75.9 76.2 114.4#
 141 16.7 27.0 40.6#



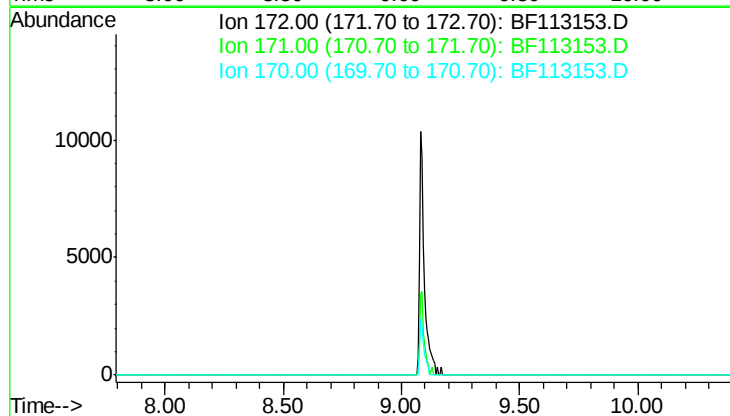
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.09 min

Lab File: BF113153.D
 Acq: 20 Mar 2019 4:59

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.2
 170 25.0

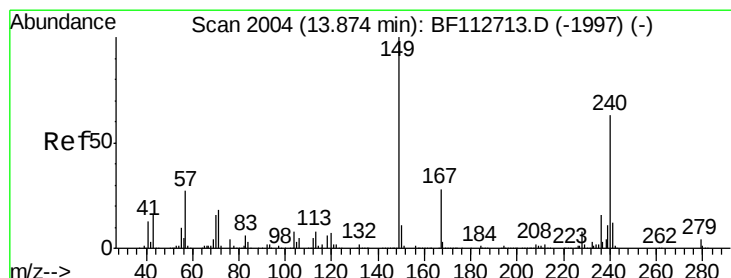
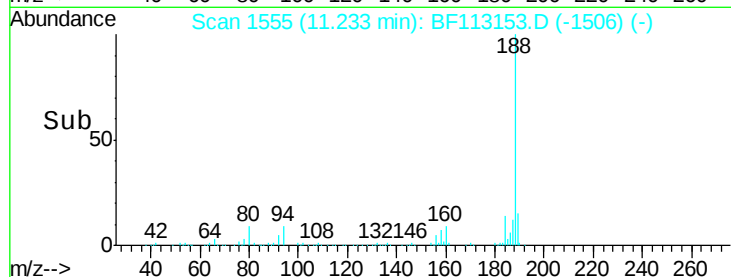
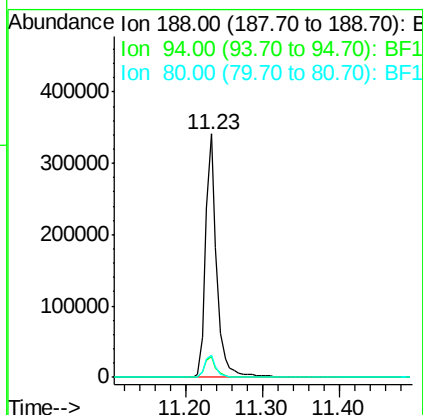
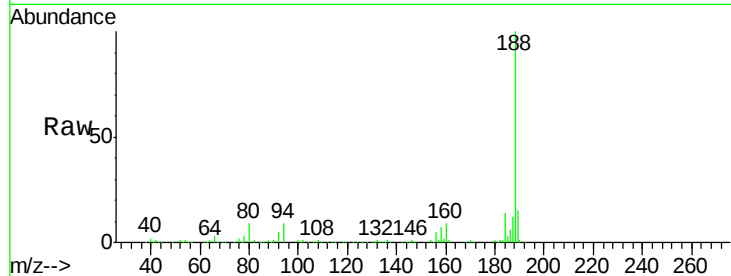




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

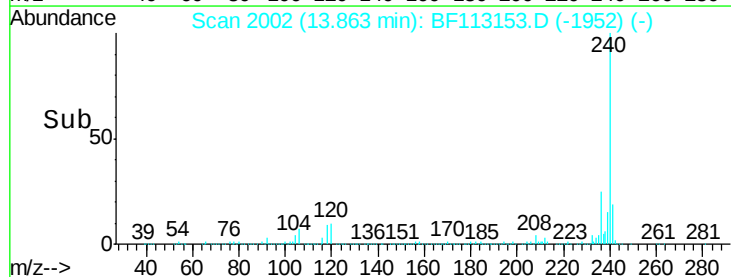
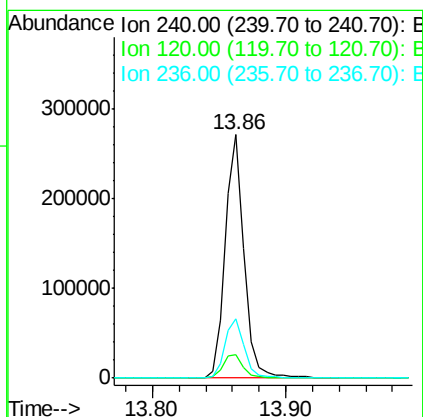
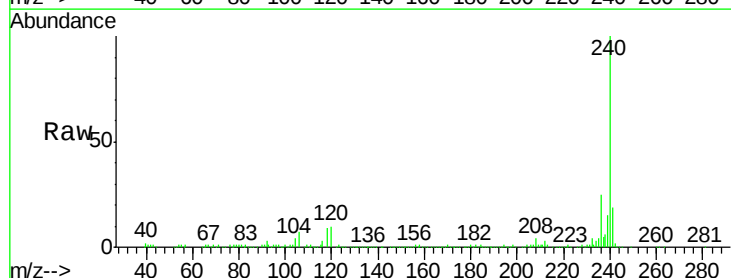
Instrument :
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SB-15(1-2)-031519DL

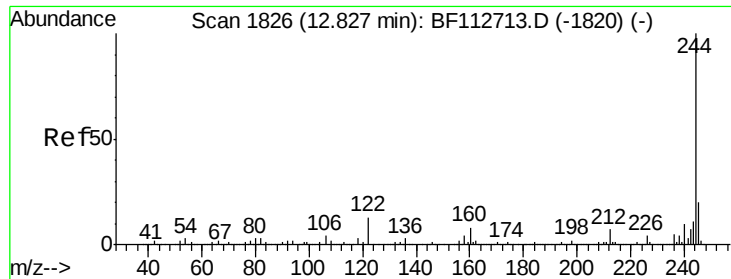
Tgt Ion:188 Resp: 341398
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113153.D
Acq: 20 Mar 2019 4:59

Tgt Ion:240 Resp: 270916
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 24.5 20.7 31.1

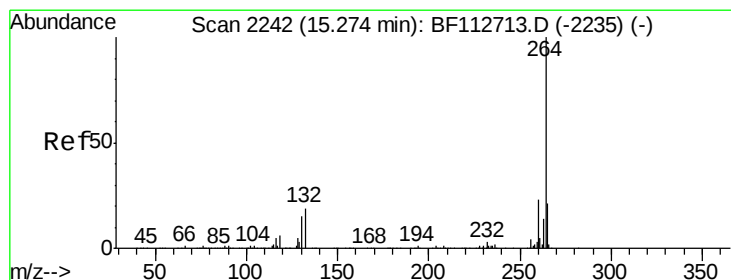
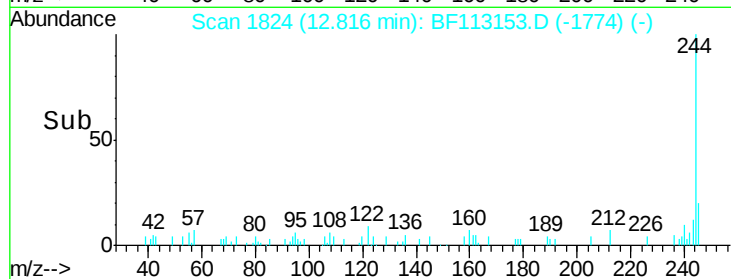
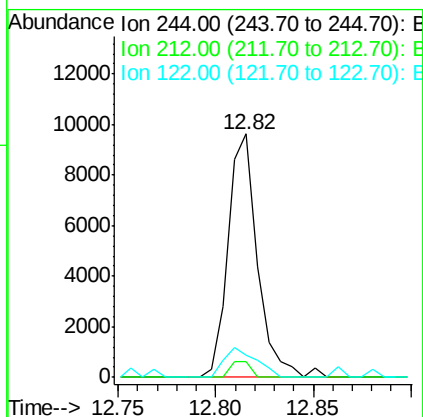
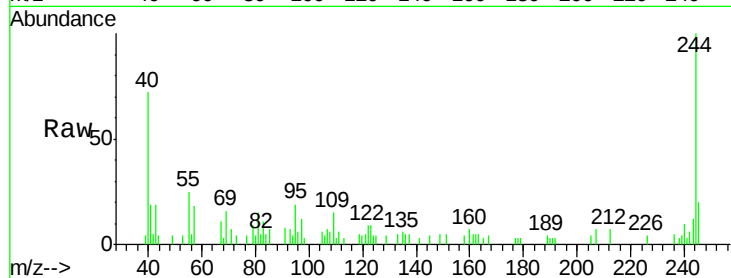




#79
 Terphenyl-d14
 Concen: 0.721 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113153.D
 Acq: 20 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(1-2)-031519DL

Tgt Ion:244 Resp: 10081
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 8.9 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113153.D
 Acq: 20 Mar 2019 4:59

Tgt Ion:264 Resp: 199312
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 17.2 25.8

