

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112892.D
 Acq On : 6 Mar 2019 20:05
 Operator : JU/SJ
 Sample : PB117669TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Quant Time: Mar 07 04:37:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169946	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	653344	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314590	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	651940	20.00	ng	0.00
76) Chrysene-d12	13.86	240	502108	20.00	ng	-0.01
87) Perylene-d12	15.26	264	455437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	972527	89.02	ng	0.00
7) Phenol-d6	6.36	99	1265586	92.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	775771	71.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	335521	100.46	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1517919	78.29	ng	-0.01
79) Terphenyl-d14	12.82	244	1628064	62.85	ng	0.00

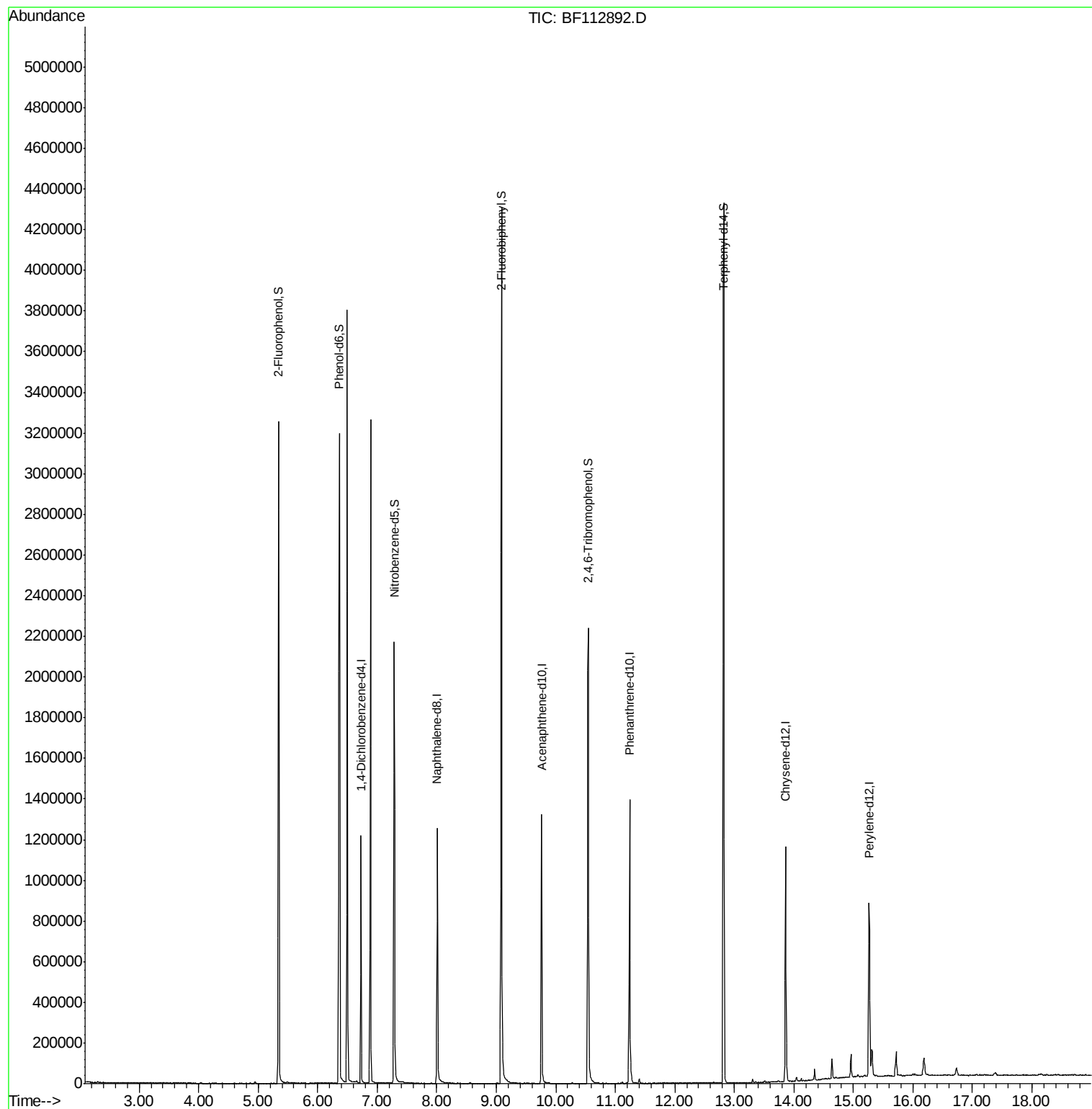
Target Compounds Qvalue

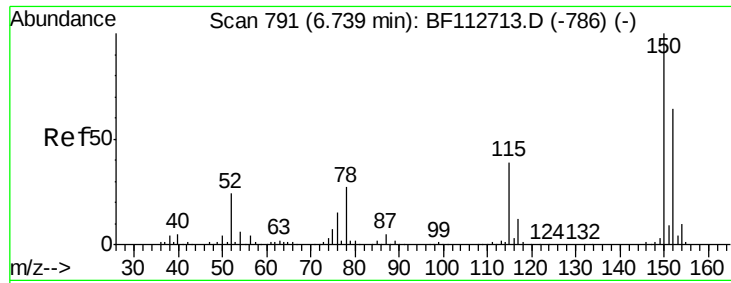
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

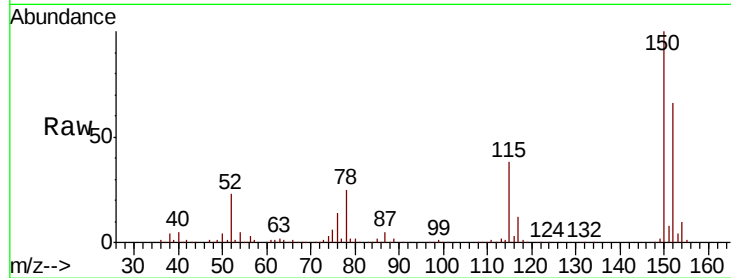
Tot Ion:152 Resp: 169946

Ion Ratio Lower Upper

152 100

150 152.7 124.2 186.2

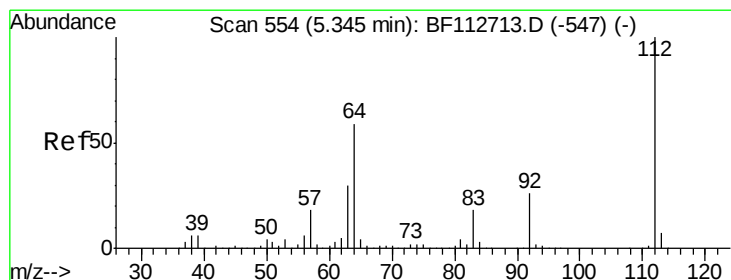
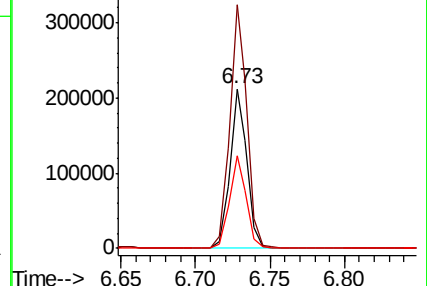
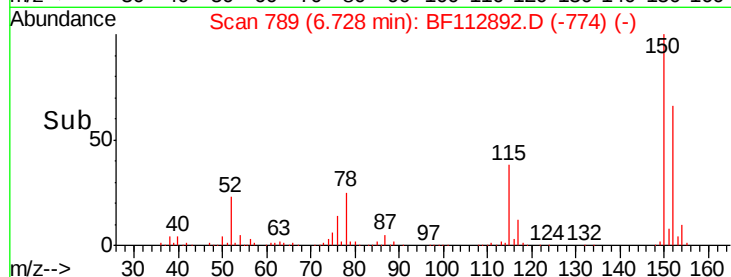
115 57.9 48.2 72.4



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: 89.017 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

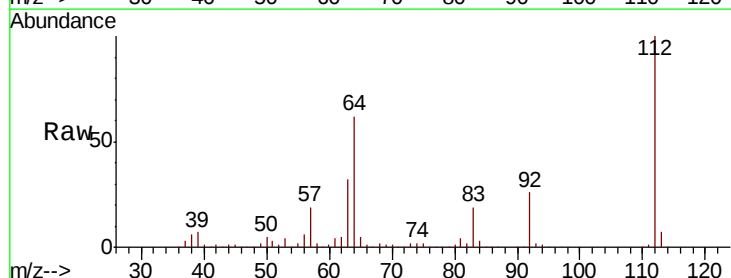
Tgt Ion:112 Resp: 972527

Ion Ratio Lower Upper

112 100

64 61.9 47.6 71.4

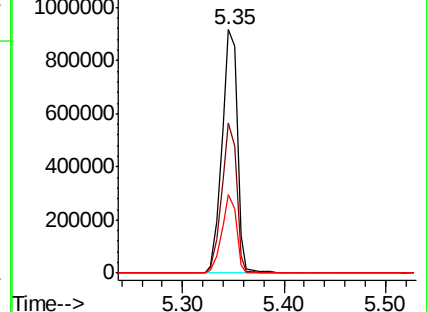
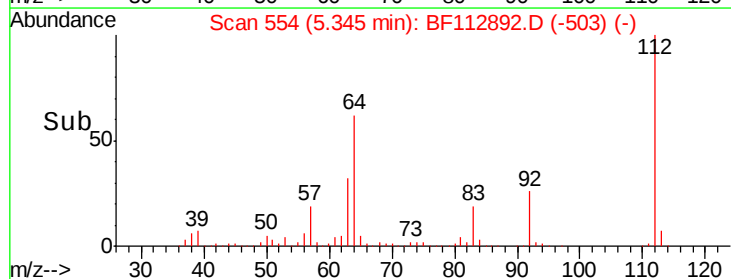
63 32.1 24.4 36.6

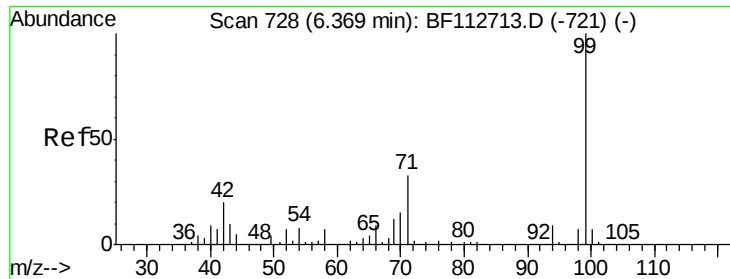


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.218 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

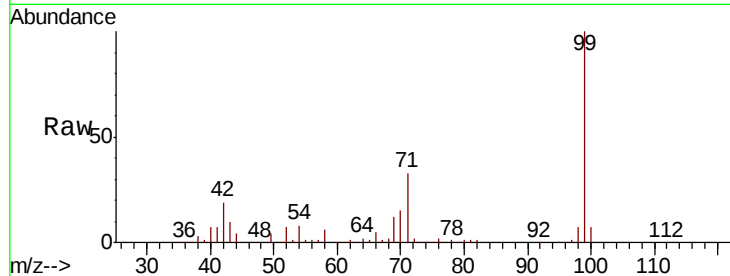
Tot Ion: 99 Resp: 1265586

Ion Ratio Lower Upper

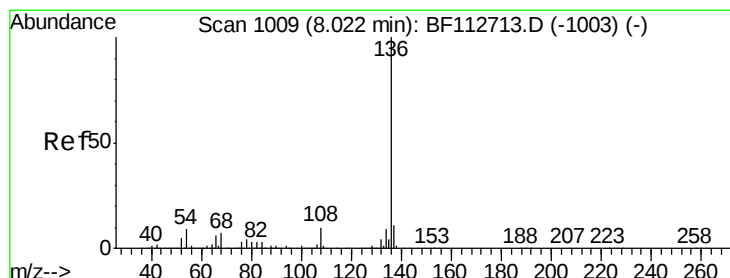
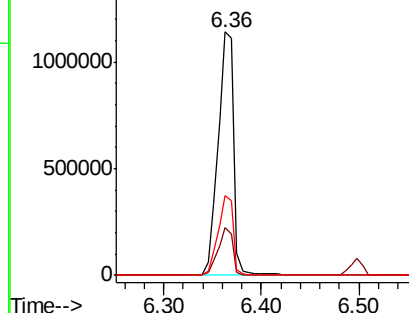
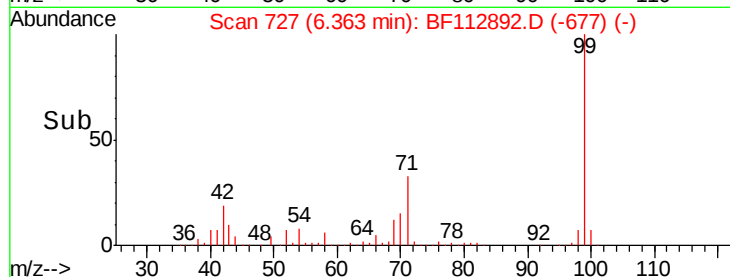
99 100

42 19.4 16.3 24.5

71 32.9 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Tgt Ion: 136 Resp: 653344

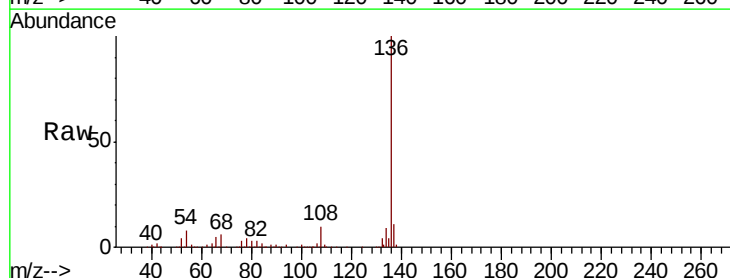
Ion Ratio Lower Upper

136 100

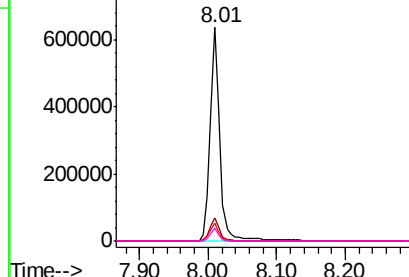
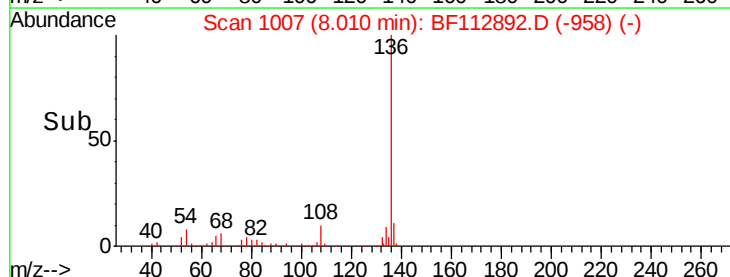
137 11.0 8.9 13.3

54 8.2 7.3 10.9

68 6.1 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

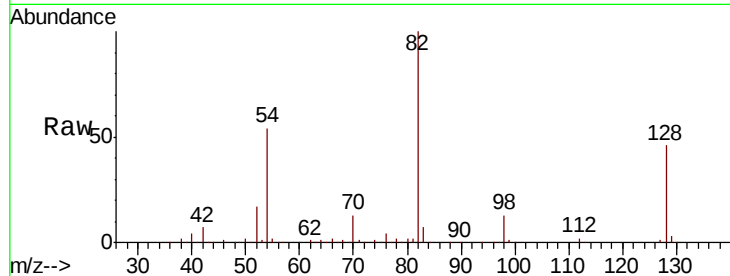




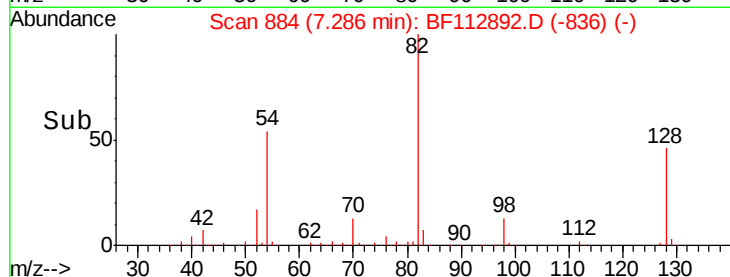
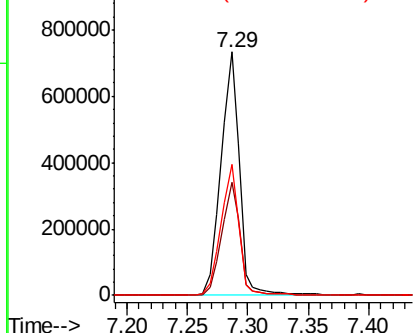
#23
 Nitrobenzene-d5
 Concen: 71.051 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Tot Ion: 82 Resp: 775771
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 53.7 43.7 65.5

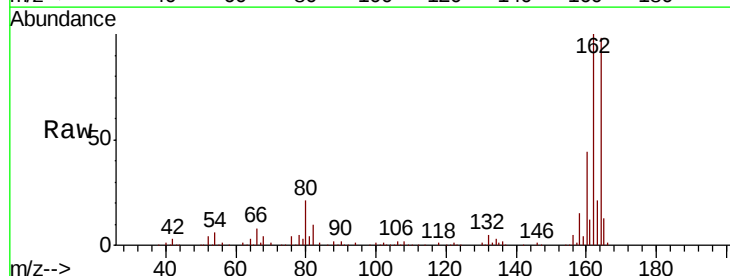


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

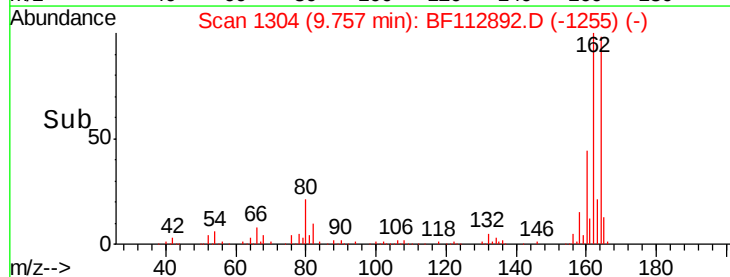
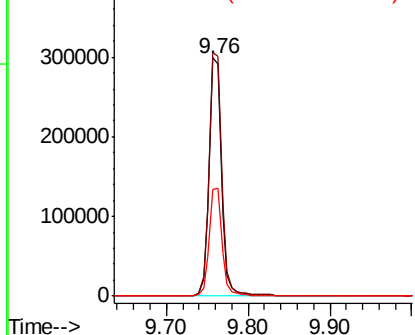


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion: 164 Resp: 314590
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.6 120.8
 160 44.9 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 100.462 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

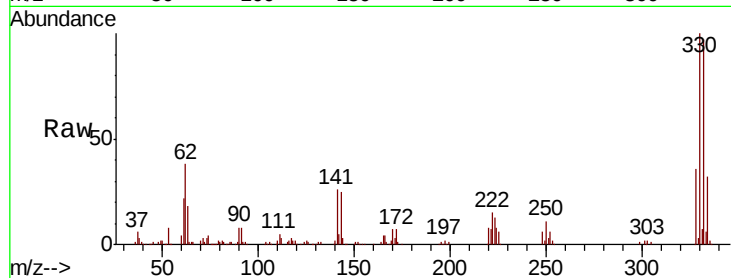
Tot Ion:330 Resp: 335521

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

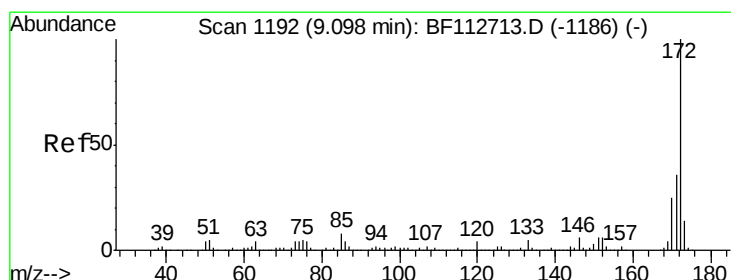
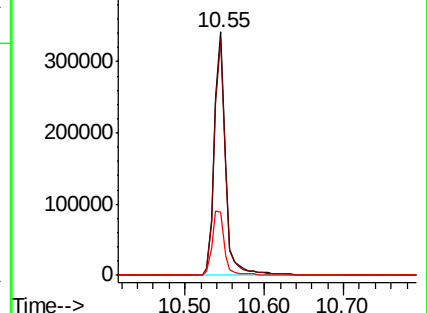
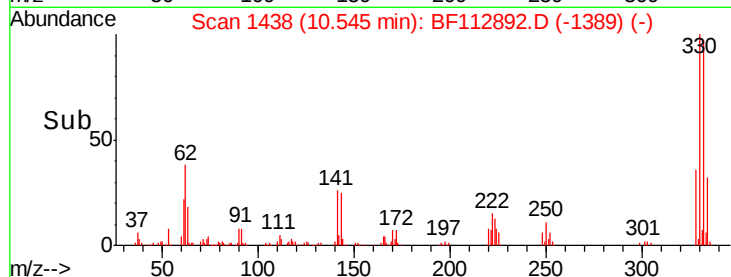
141 29.4 27.0 40.6



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: 78.294 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

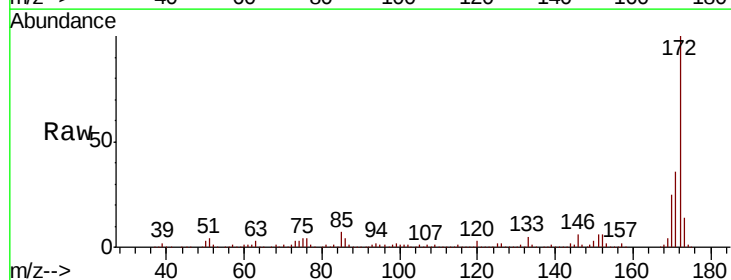
Tgt Ion:172 Resp: 1517919

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

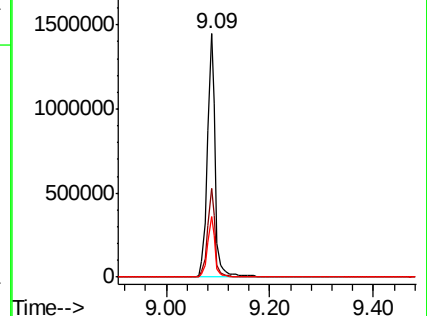
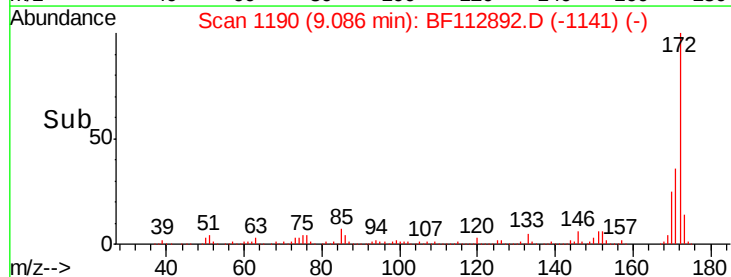
170 24.8 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

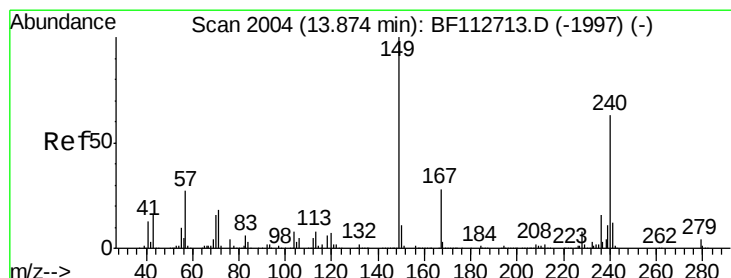
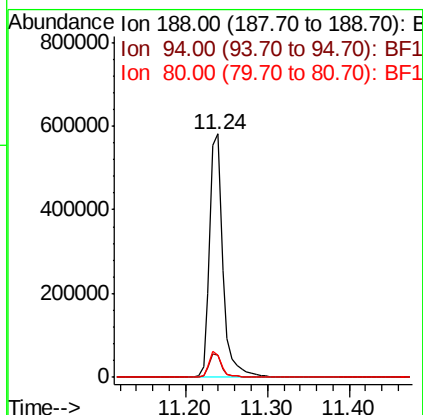
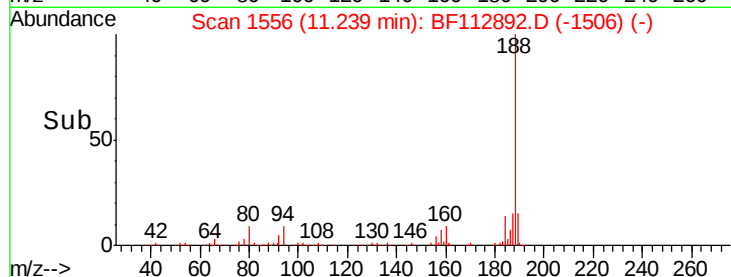
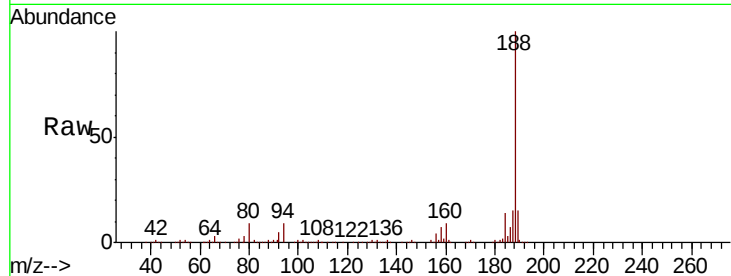




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

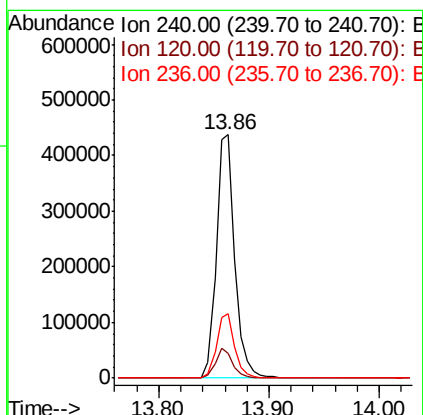
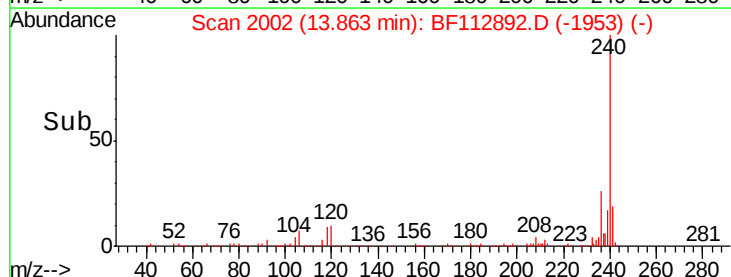
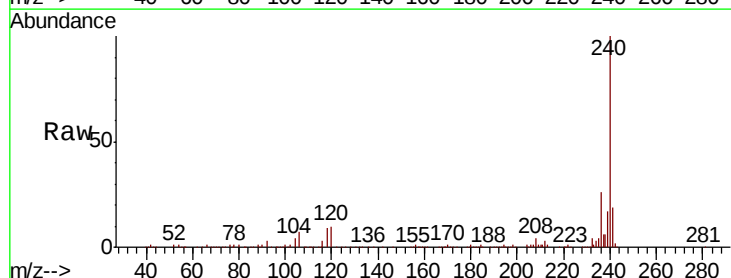
Instrument :
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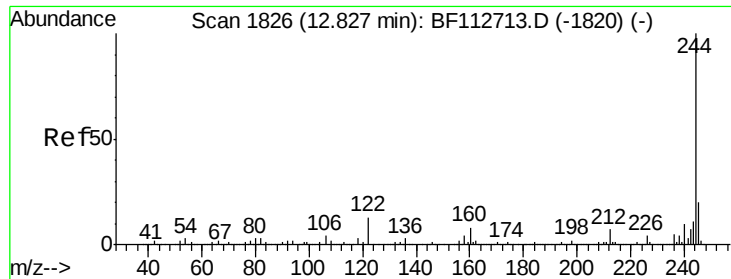
Tot Ion:188 Resp: 651940
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:240 Resp: 502108
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.2 20.7 31.1

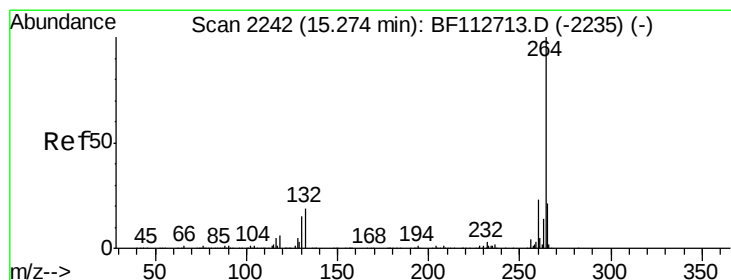
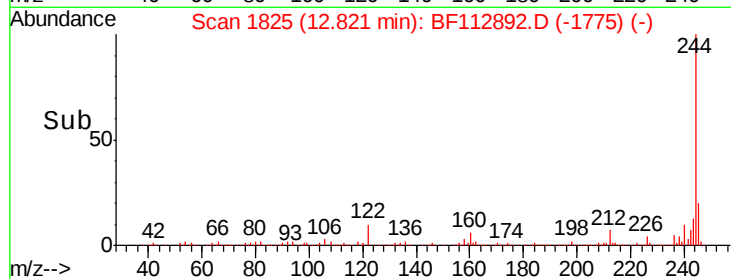
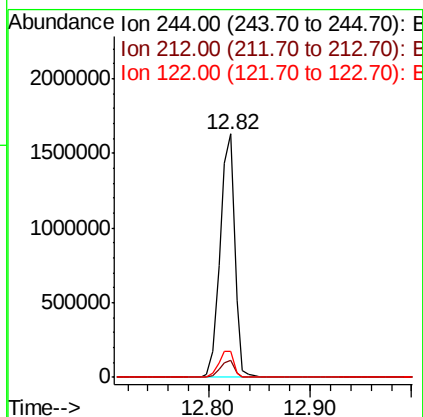
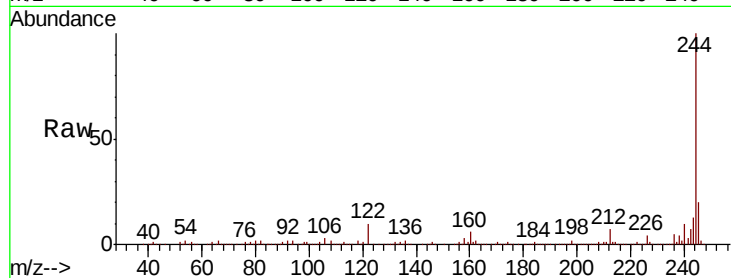




#79
 Terphenyl-d14
 Concen: 62.855 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Tot Ion:244 Resp: 1628064
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion:264 Resp: 455437
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.5 17.2 25.8

