

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112929.D
 Acq On : 7 Mar 2019 18:50
 Operator : JU/SJ
 Sample : K1757-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6AB-D

Quant Time: Mar 08 01:00:35 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	184618	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	710933	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	346326	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	743541	20.00	ng	0.00
76) Chrysene-d12	13.86	240	711548	20.00	ng	-0.01
87) Perylene-d12	15.26	264	633542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1139437	96.01	ng	0.00
7) Phenol-d6	6.37	99	1310384	87.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	1017899	85.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	551357	149.96	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1882572	92.09	ng	-0.01
79) Terphenyl-d14	12.82	244	2279773	62.11	ng	0.00

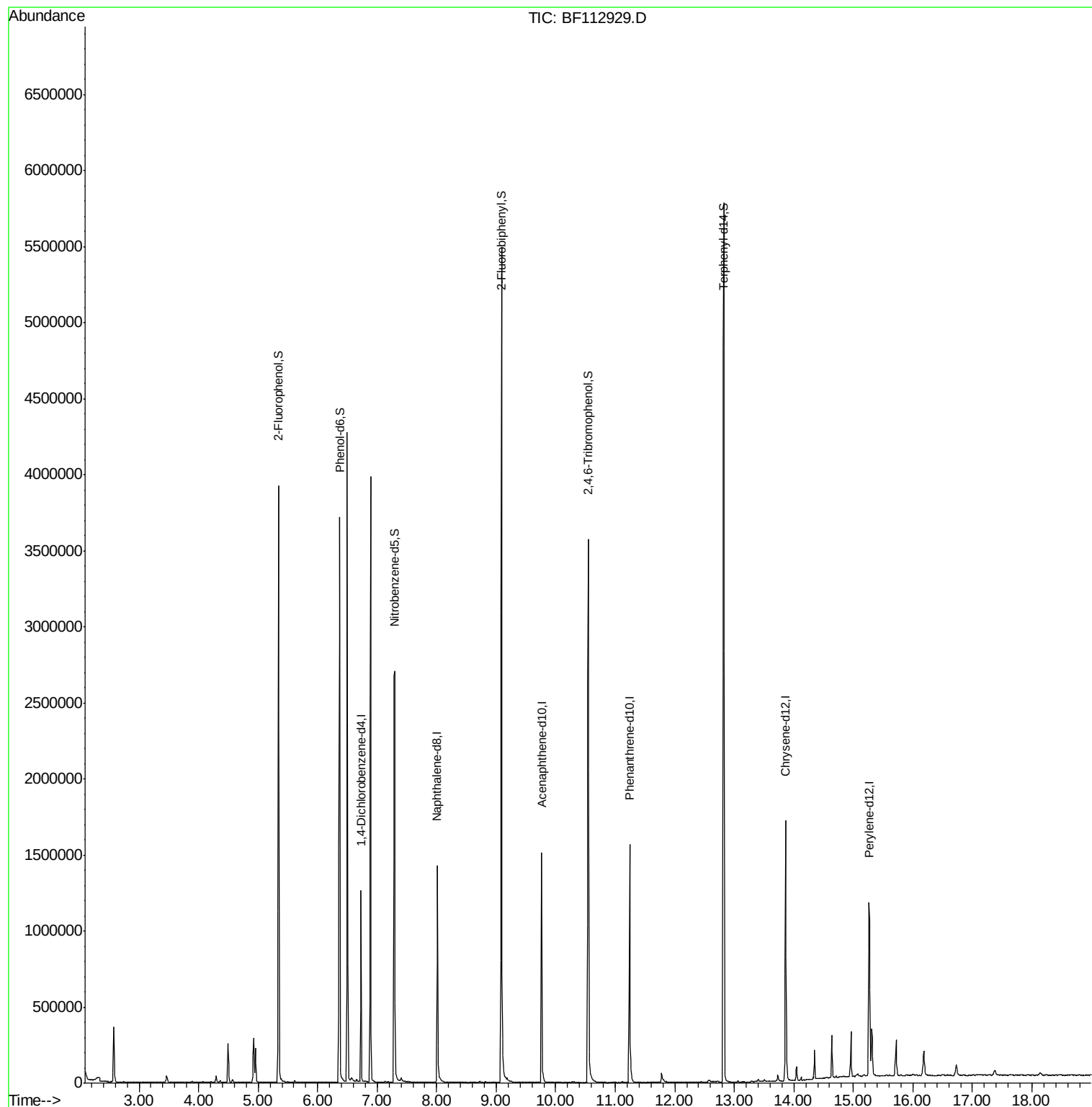
Target Compounds Qvalue

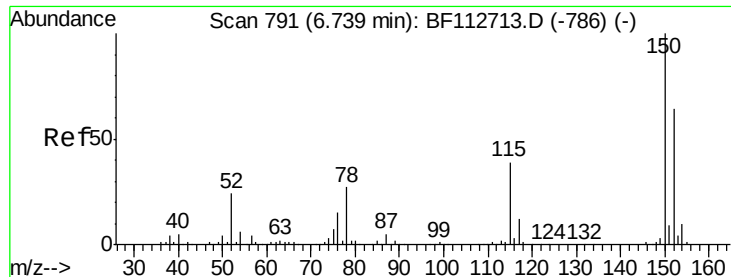
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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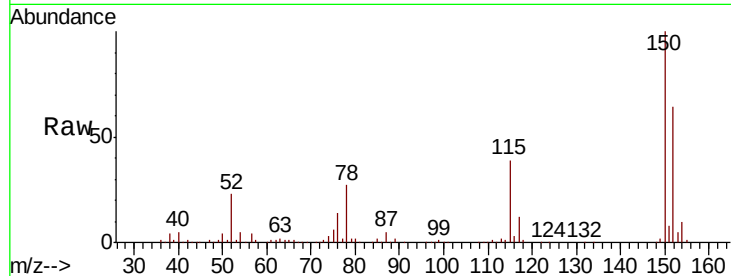


#1

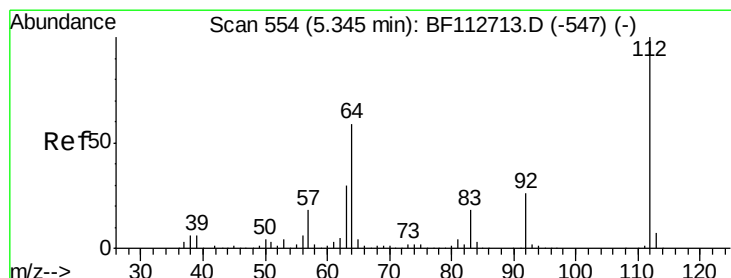
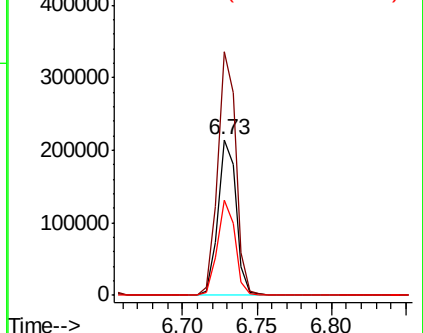
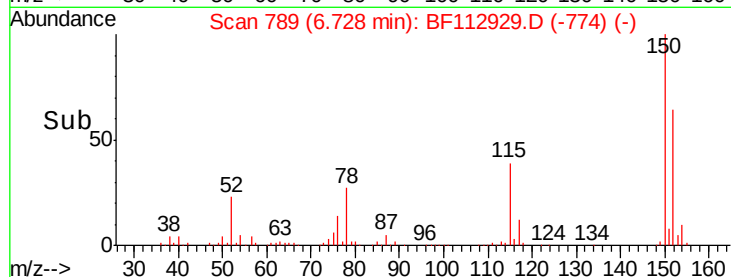
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Instrument :
BNA_F
ClientSampleId :
TP-6AB-D

Tot Ion:152 Resp: 184618
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 60.9 48.2 72.4



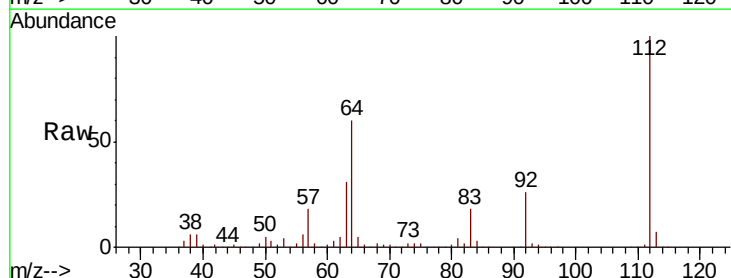
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



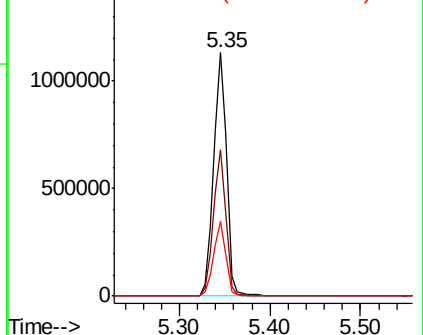
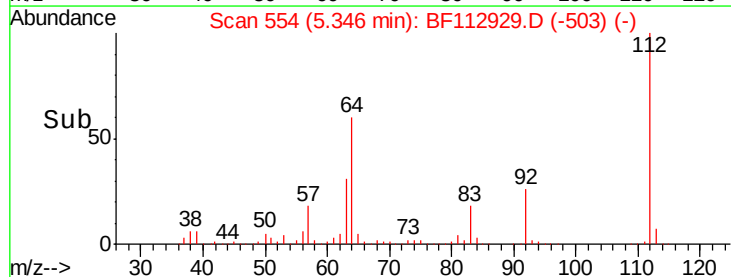
#5

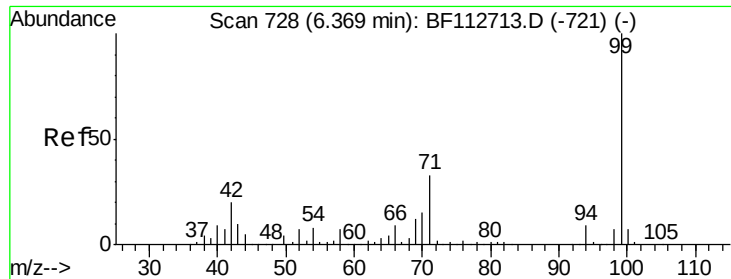
2-Fluorophenol
Concen: 96.006 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Tgt Ion:112 Resp: 1139437
Ion Ratio Lower Upper
112 100
64 60.2 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: 87.894 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampleId :

TP-6AB-D

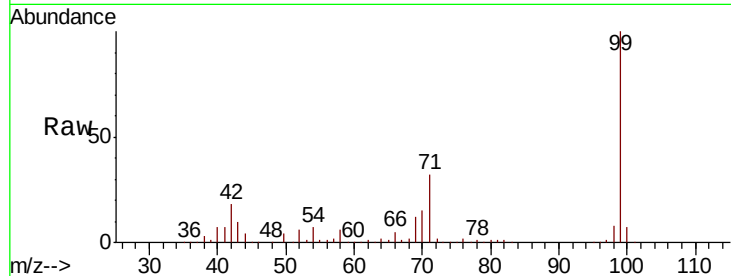
Tot Ion: 99 Resp: 1310384

Ion Ratio Lower Upper

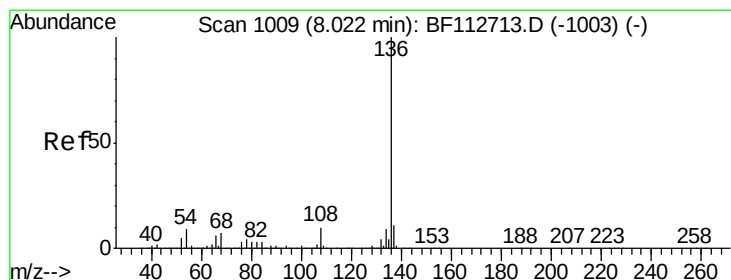
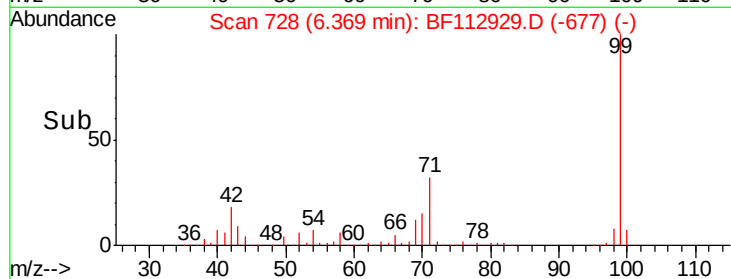
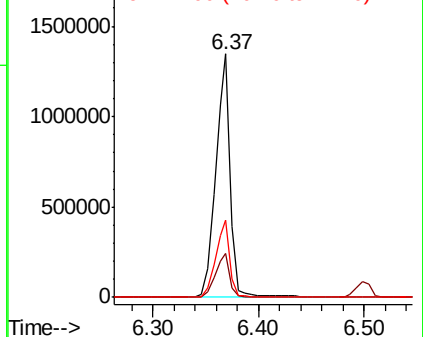
99 100

42 18.0 16.3 24.5

71 31.9 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: BF112929.D

Acq: 7 Mar 2019 18:50

Tgt Ion: 136 Resp: 710933

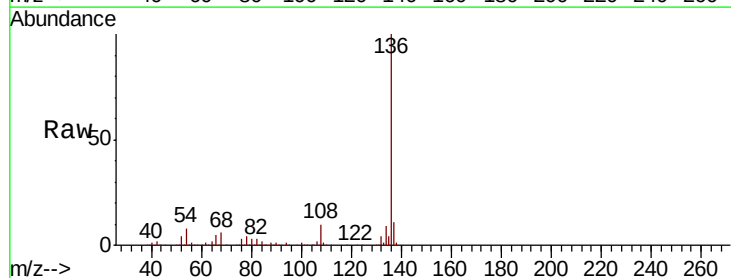
Ion Ratio Lower Upper

136 100

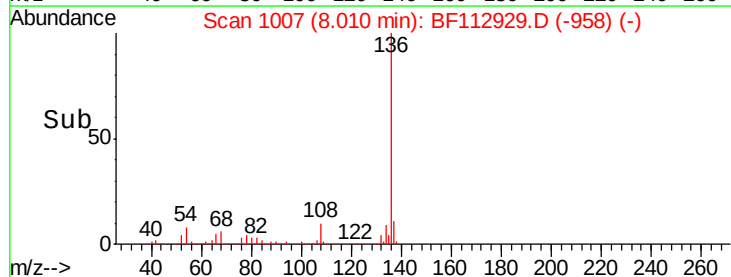
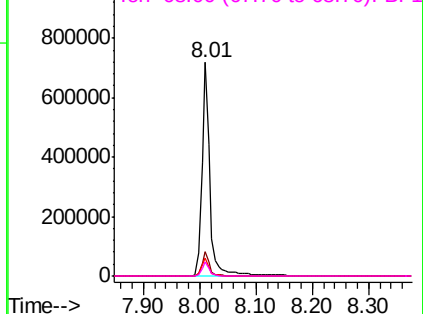
137 11.2 8.9 13.3

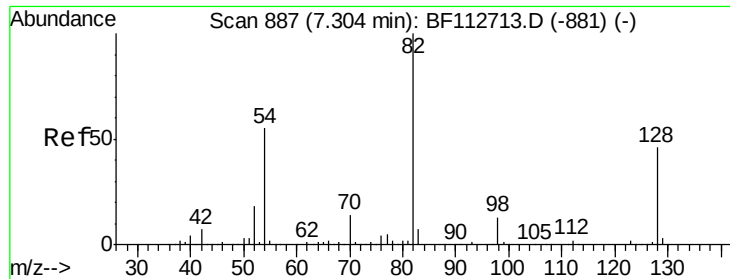
54 8.2 7.3 10.9

68 6.4 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

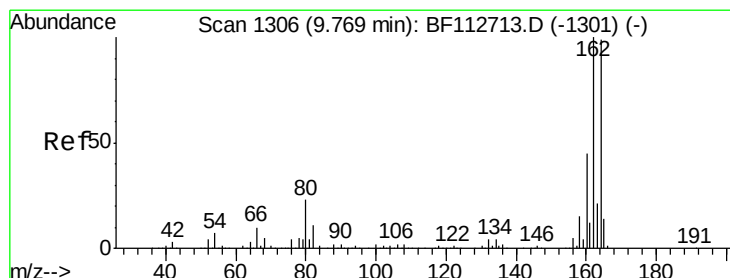
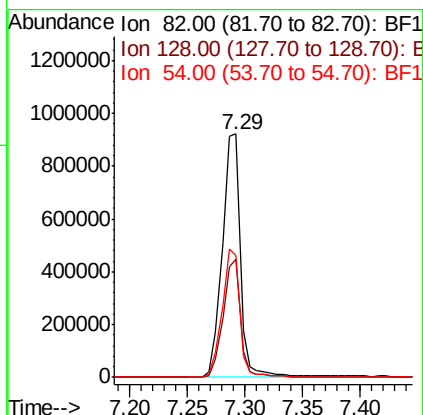
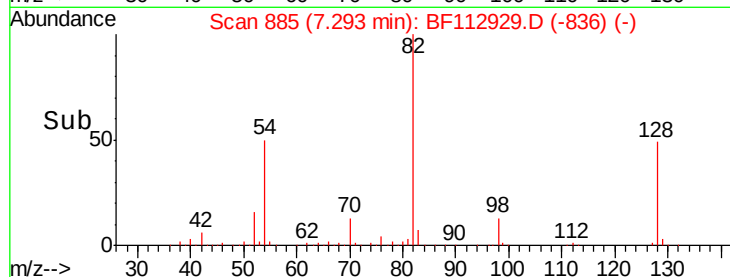
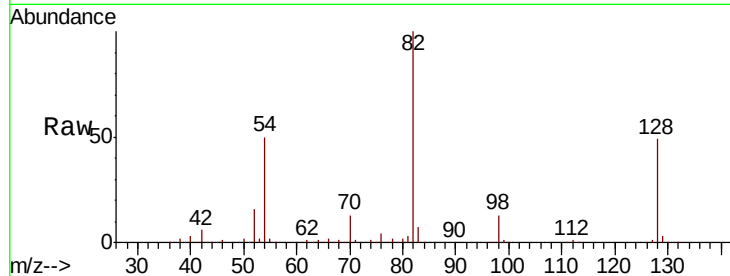




#23
 Nitrobenzene-d5
 Concen: 85.675 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

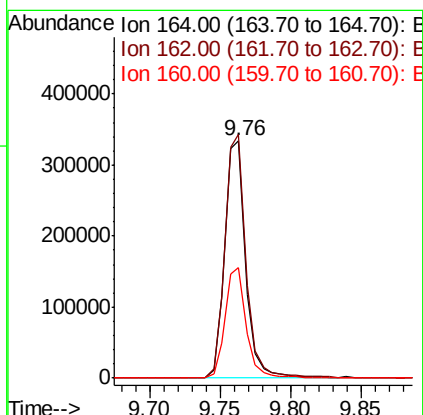
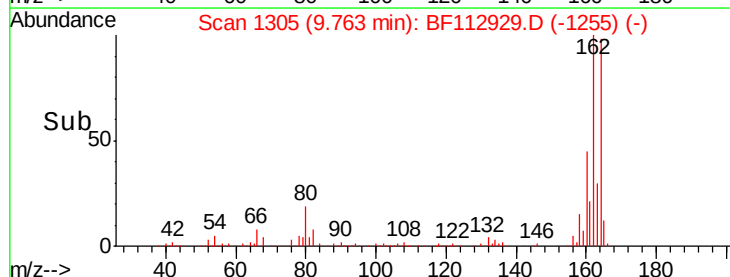
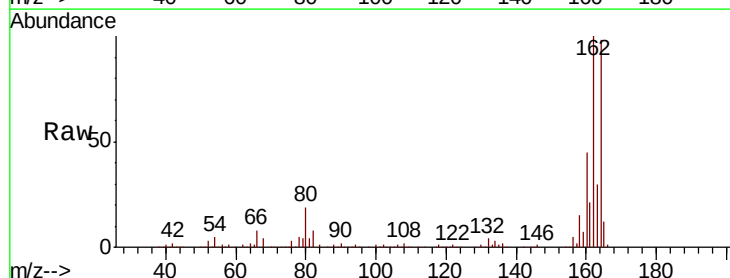
Instrument :
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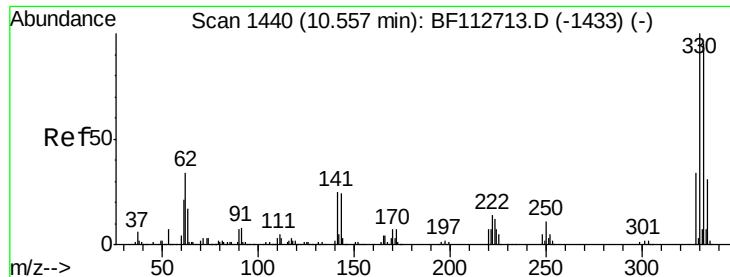
Tot Ion: 82 Resp: 1017899
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.3 54.5
 54 50.0 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

Tgt Ion:164 Resp: 346326
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 120.8
 160 46.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 149.960 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampleId :

TP-6AB-D

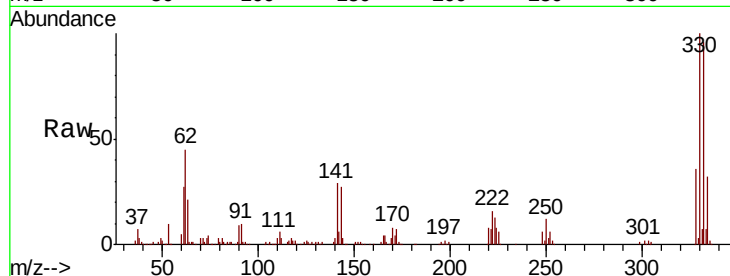
Tot Ion:330 Resp: 551357

Ion Ratio Lower Upper

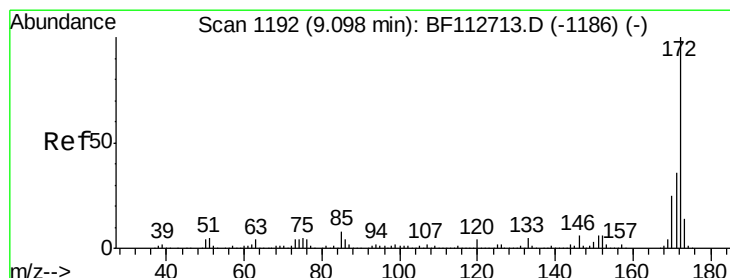
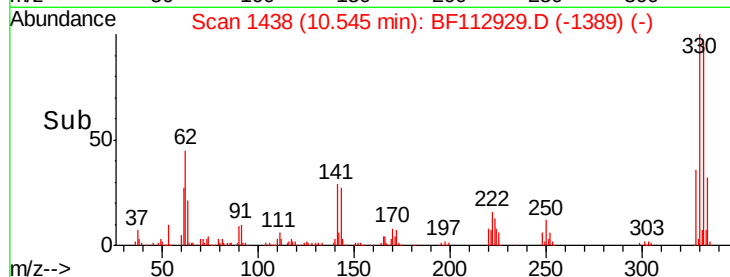
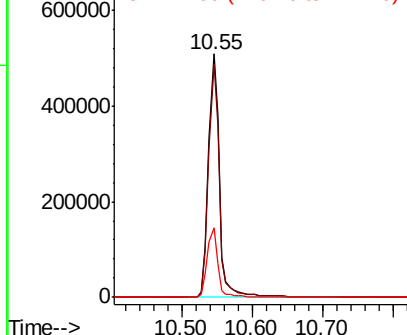
330 100

332 94.6 76.2 114.4

141 28.1 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: 92.087 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

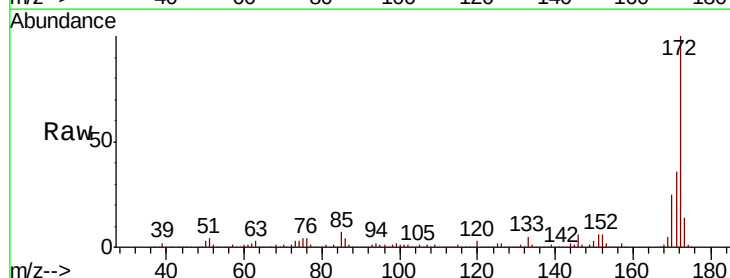
Tgt Ion:172 Resp: 1882572

Ion Ratio Lower Upper

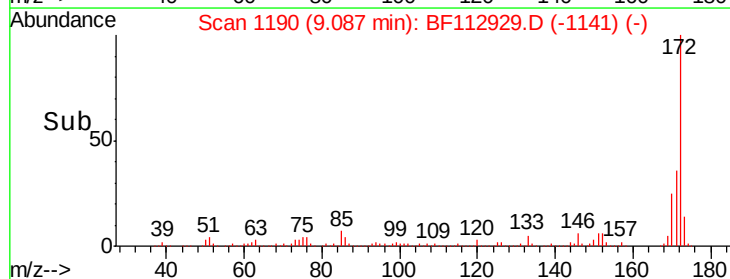
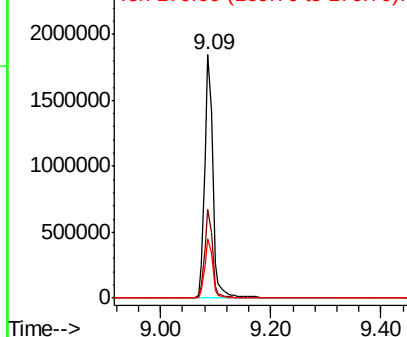
172 100

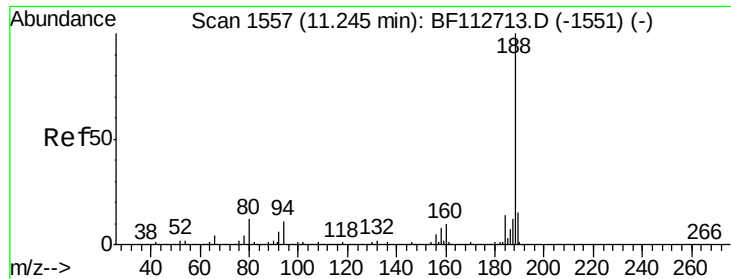
171 36.2 29.0 43.4

170 24.6 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

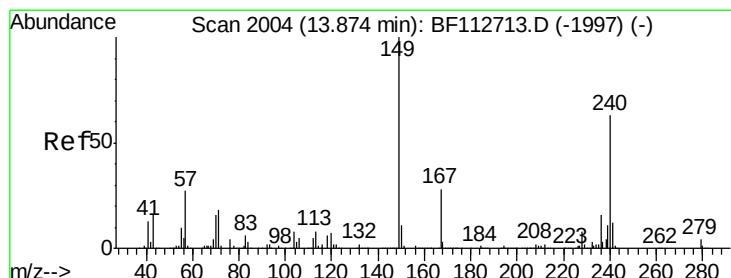
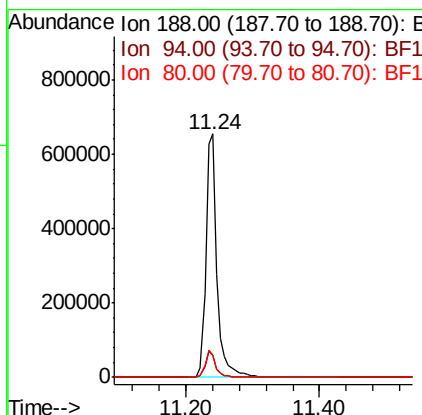
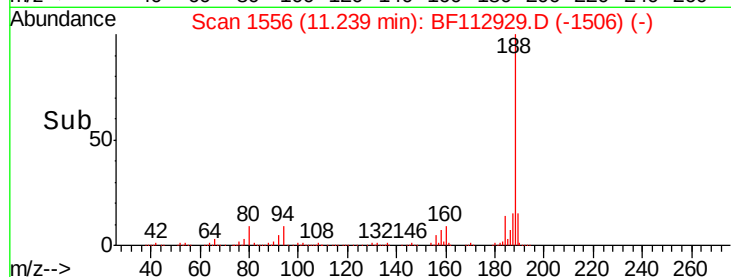
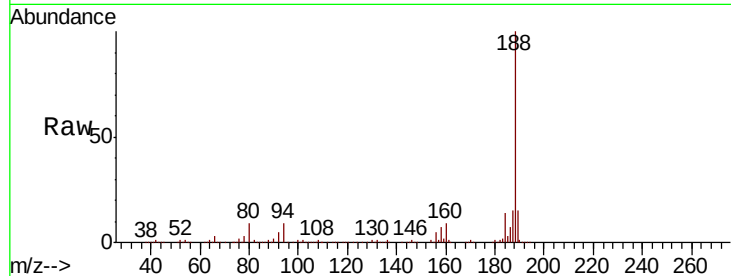




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

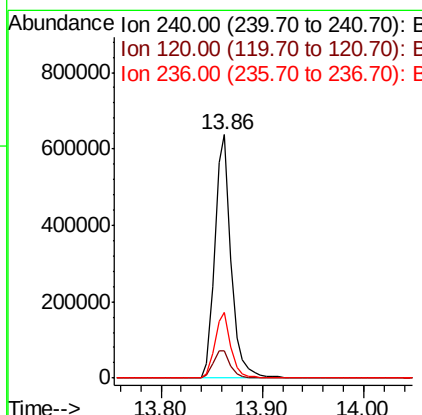
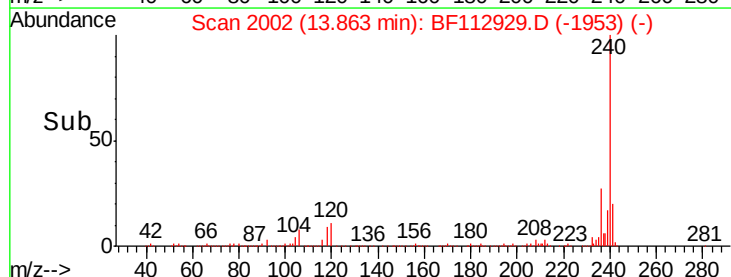
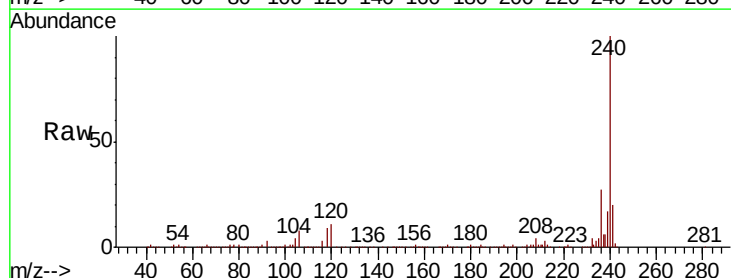
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TP-6AB-D

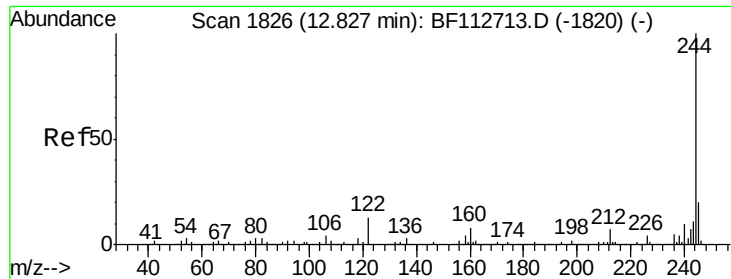
Tot Ion:188 Resp: 743541
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Tgt Ion:240 Resp: 711548
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 27.0 20.7 31.1

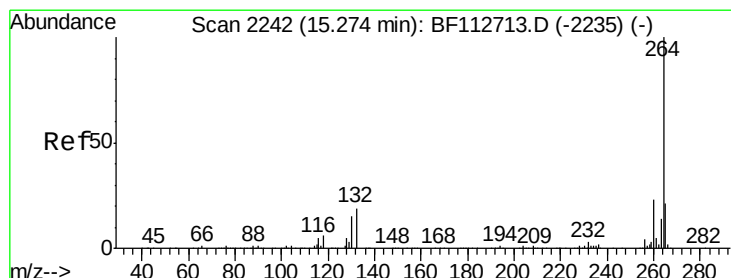
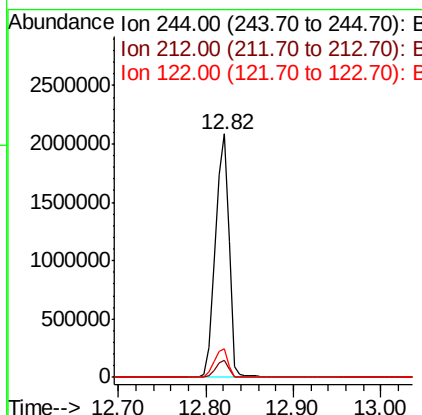
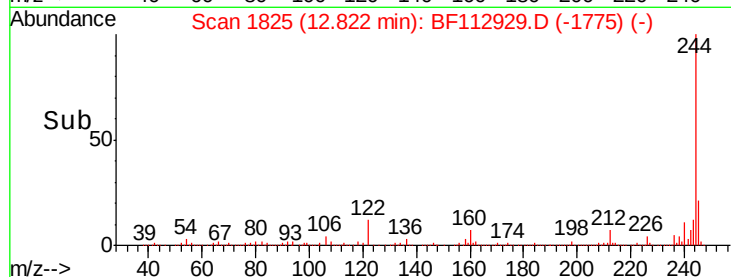
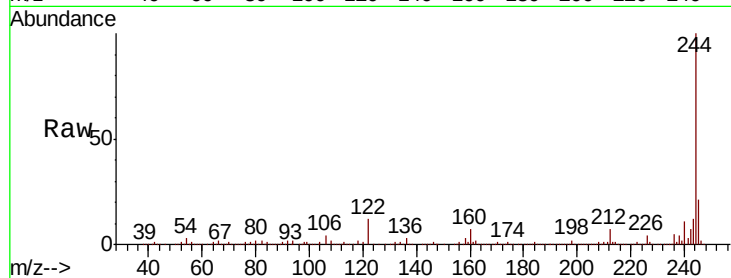




#79
 Terphenyl-d14
 Concen: 62.109 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

Instrument :
 BNA_F
 ClientSampled :
 TP-6AB-D

Tot Ion:244 Resp: 2279773
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.7 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: BF112929.D
 Acq: 7 Mar 2019 18:50

Tgt Ion:264 Resp: 633542
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.2 17.2 25.8

