

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112928.D
 Acq On : 7 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1757-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6AB-S

Quant Time: Mar 08 00:59:49 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	246786	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	955204	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	471511	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	987583	20.00	ng	0.00
76) Chrysene-d12	13.86	240	889830	20.00	ng	-0.01
87) Perylene-d12	15.26	264	776302	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1359542	85.69	ng	0.00
7) Phenol-d6	6.37	99	1529350	76.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	1244978	77.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	643291	128.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2230607	76.29	ng	-0.01
79) Terphenyl-d14	12.82	244	2631863	57.34	ng	0.00

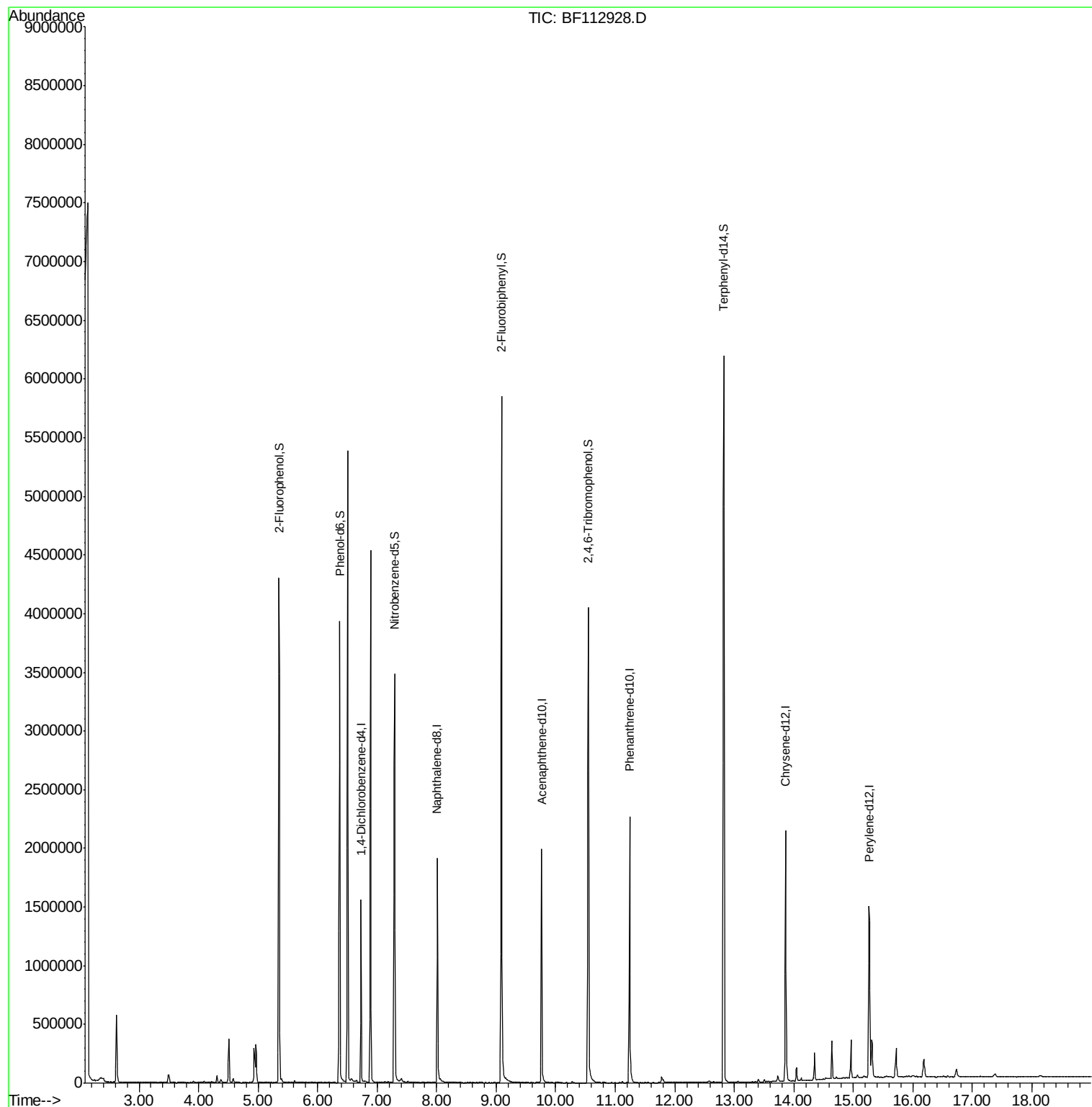
Target Compounds Qvalue

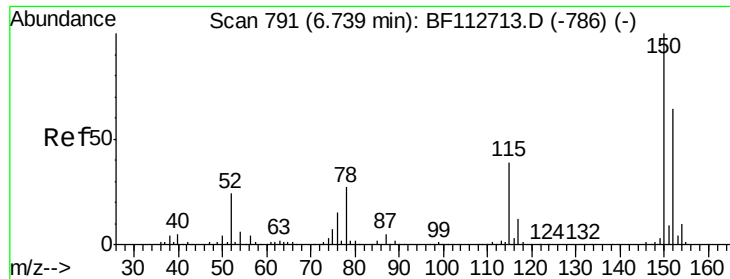
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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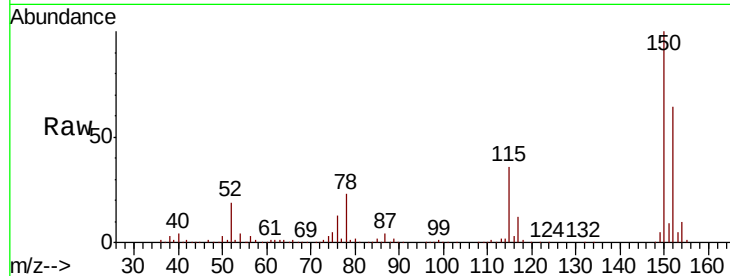


#1

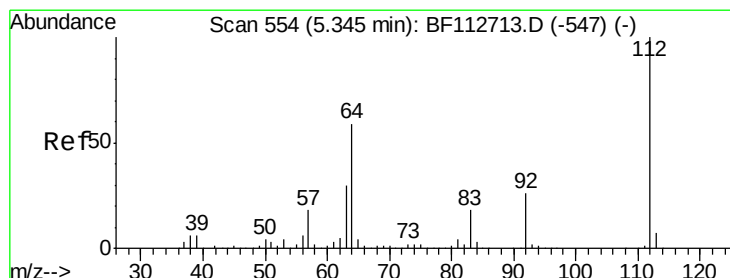
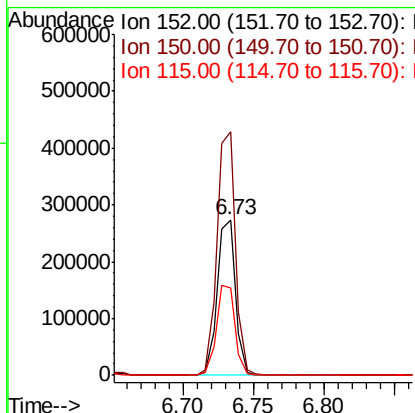
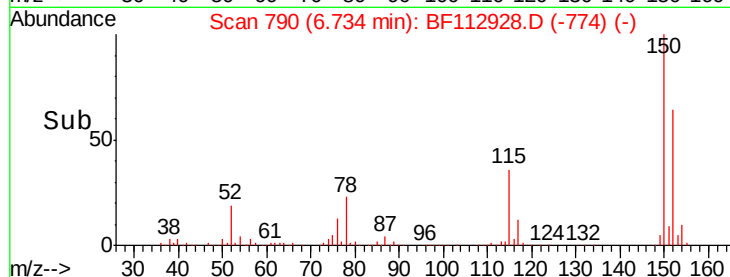
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion:152 Resp: 246786
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 56.4 48.2 72.4



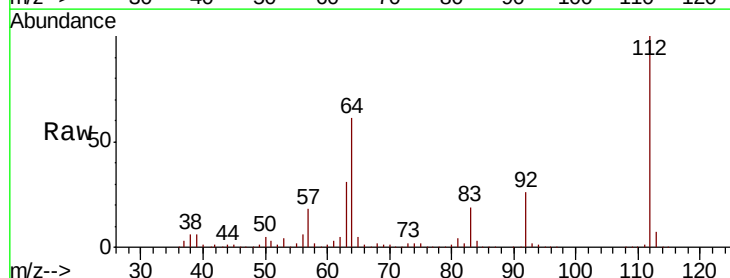
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



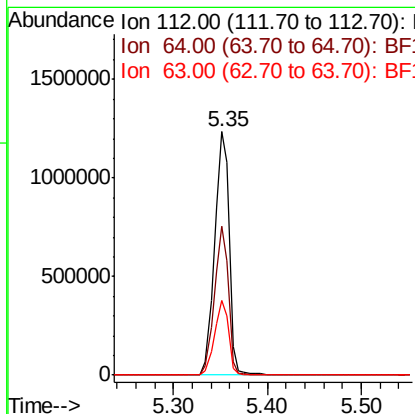
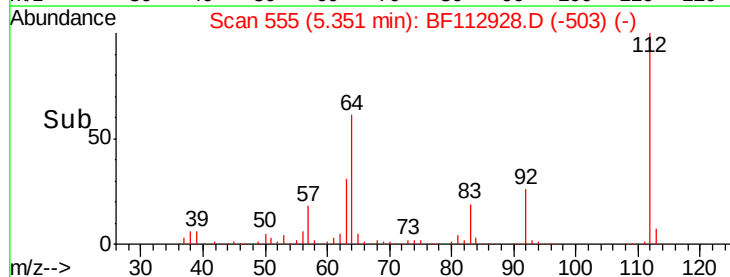
#5

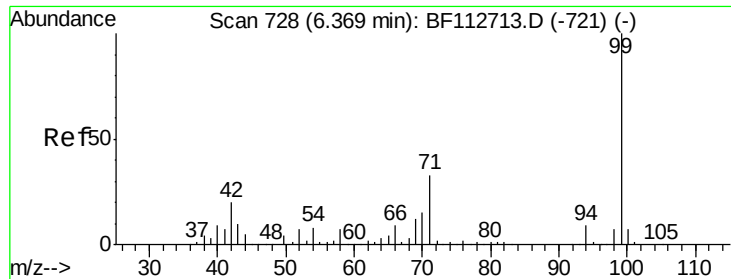
2-Fluorophenol
Concen: 85.695 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:112 Resp: 1359542
Ion Ratio Lower Upper
112 100
64 61.0 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: 76.740 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP-6AB-S

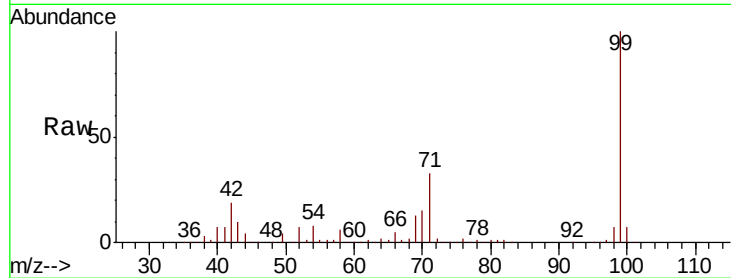
Tot Ion: 99 Resp: 1529350

Ion Ratio Lower Upper

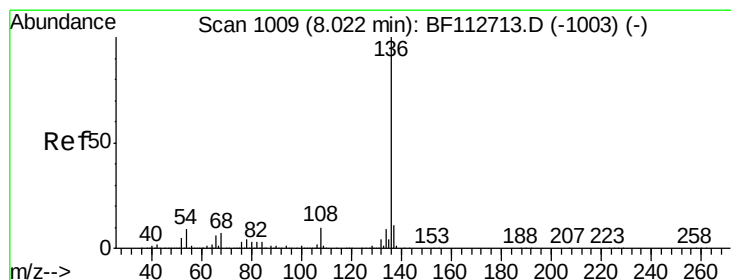
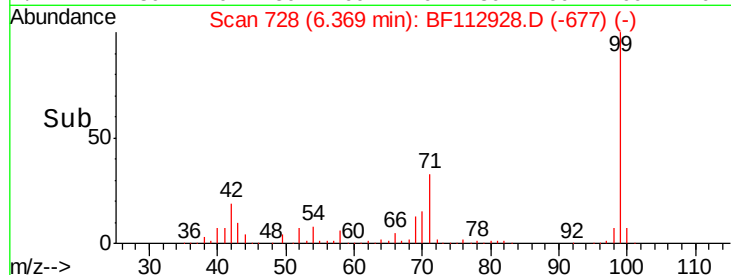
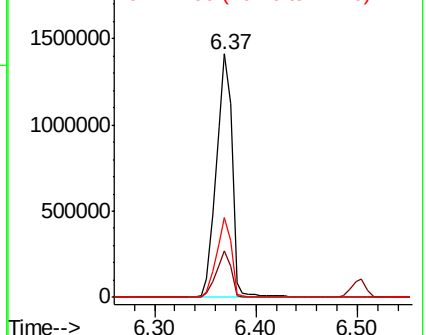
99 100

42 18.9 16.3 24.5

71 32.5 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: BF112928.D

Acq: 7 Mar 2019 18:22

Tgt Ion: 136 Resp: 955204

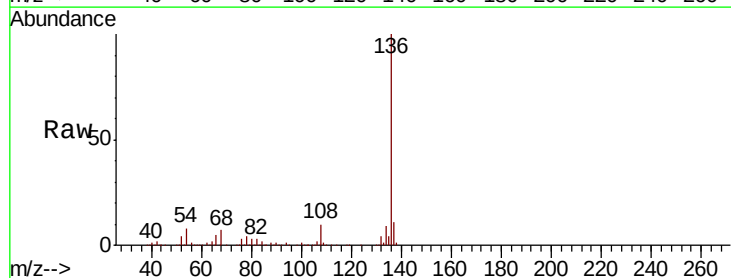
Ion Ratio Lower Upper

136 100

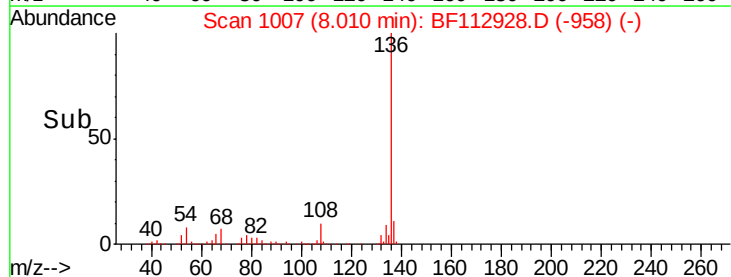
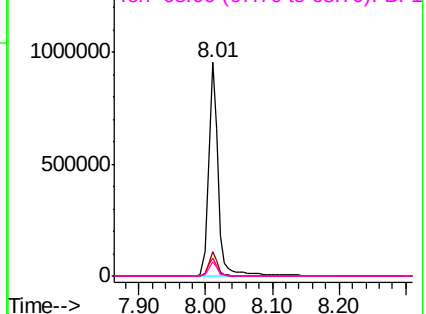
137 11.2 8.9 13.3

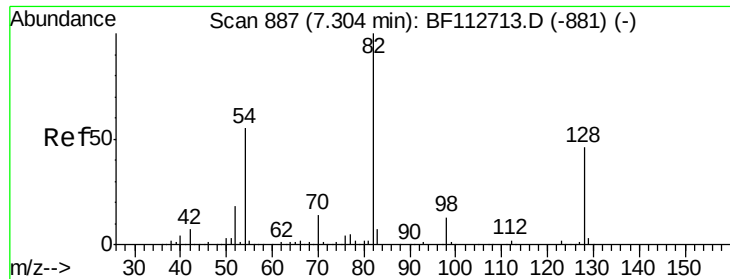
54 8.4 7.3 10.9

68 6.5 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

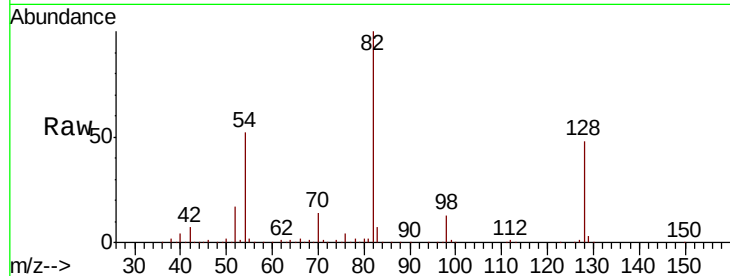




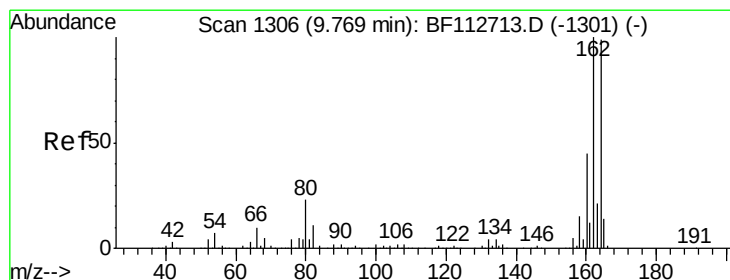
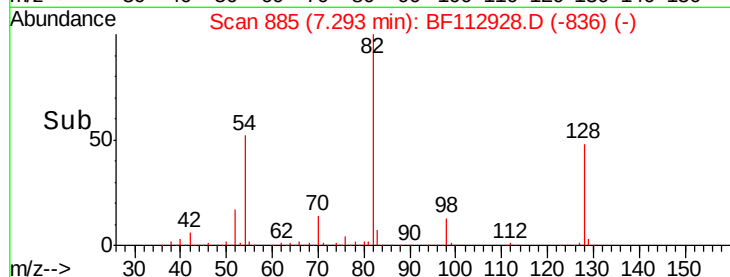
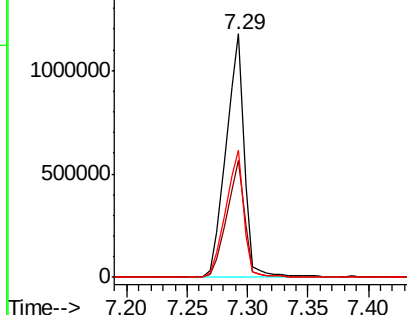
#23
Nitrobenzene-d5
Concen: 77.991 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion: 82 Resp: 1244978
Ion Ratio Lower Upper
82 100
128 48.1 36.3 54.5
54 52.3 43.7 65.5

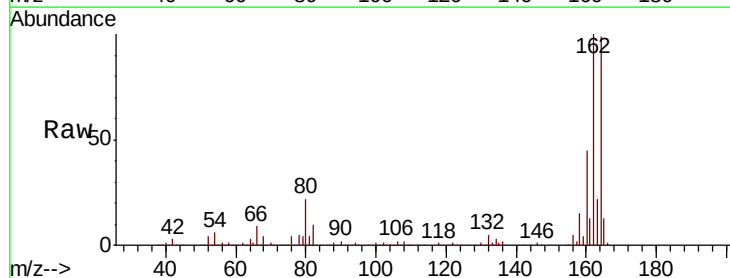


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

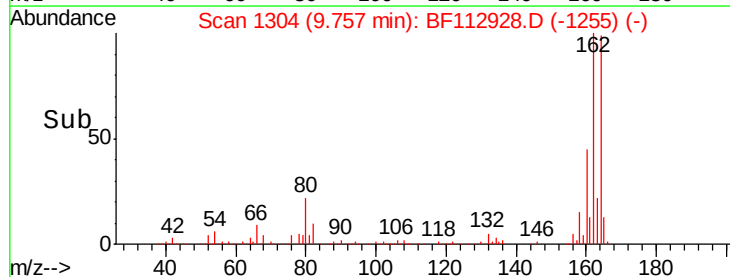
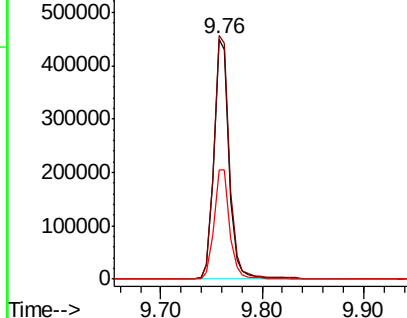


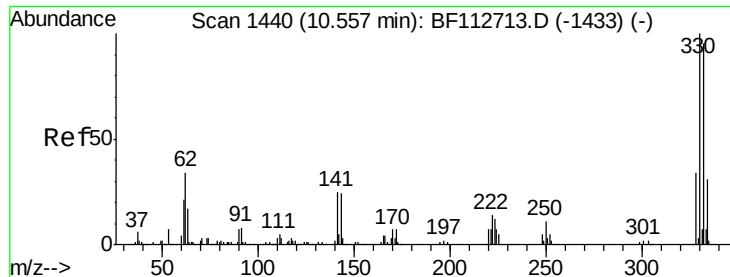
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:164 Resp: 471511
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.5 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: 128.512 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP-6AB-S

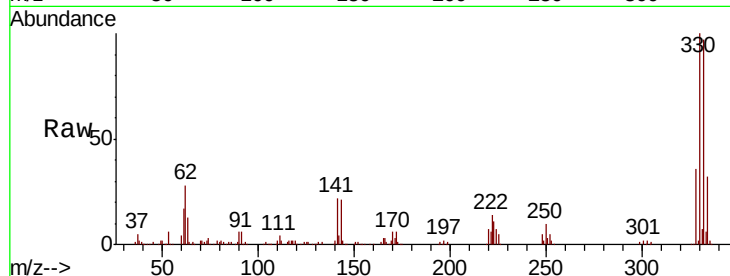
Tot Ion:330 Resp: 643291

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

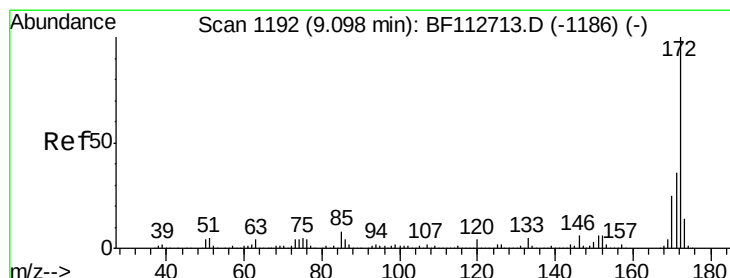
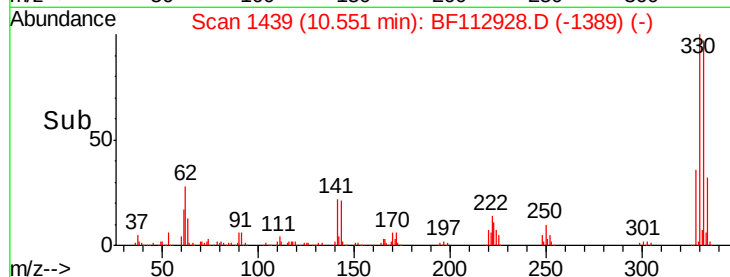
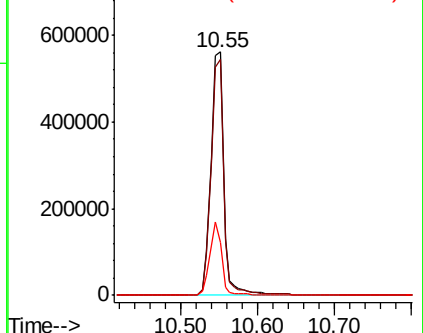
141 28.6 27.0 40.6



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: 76.288 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

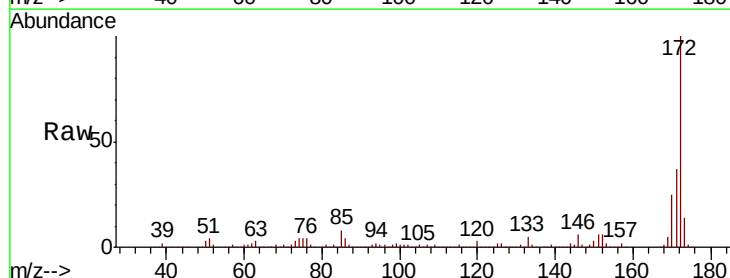
Tgt Ion:172 Resp: 2230607

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

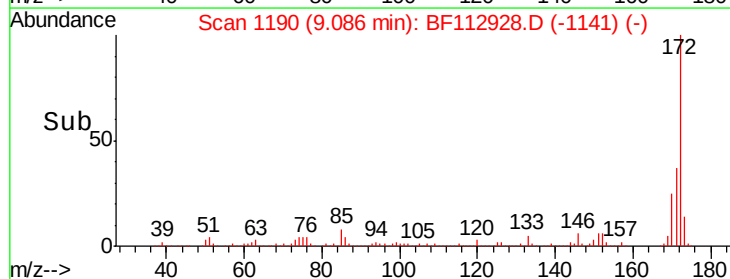
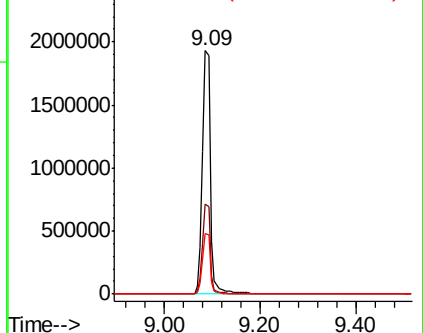
170 24.9 20.0 30.0

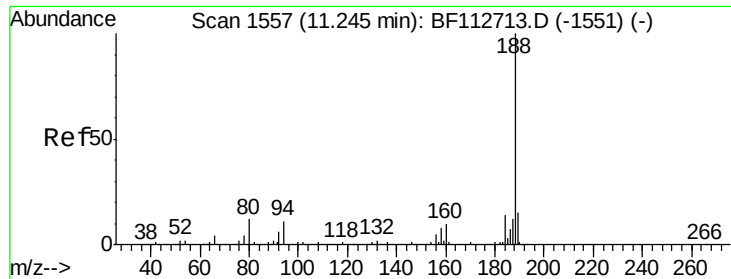


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

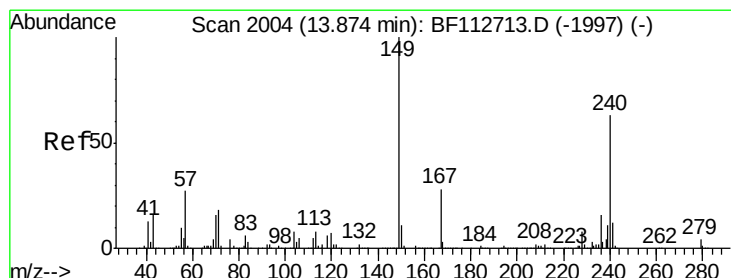
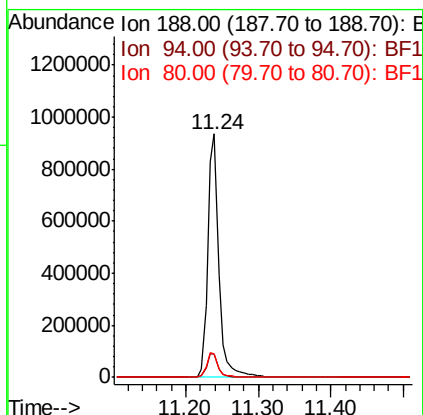
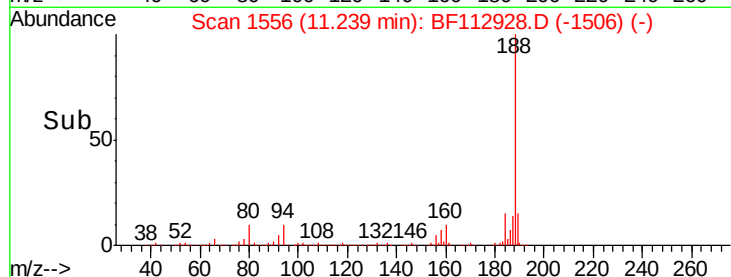
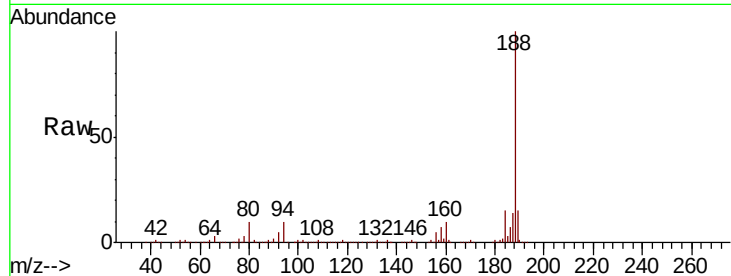




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

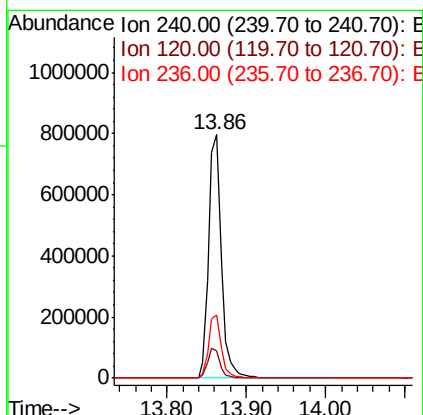
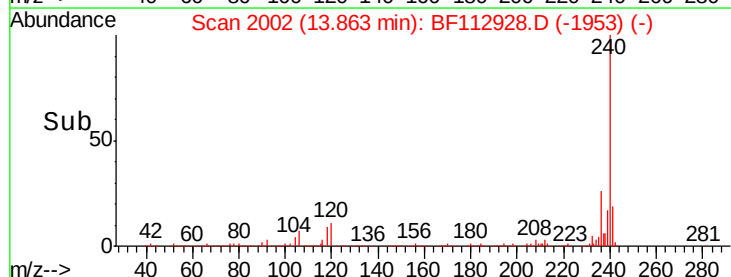
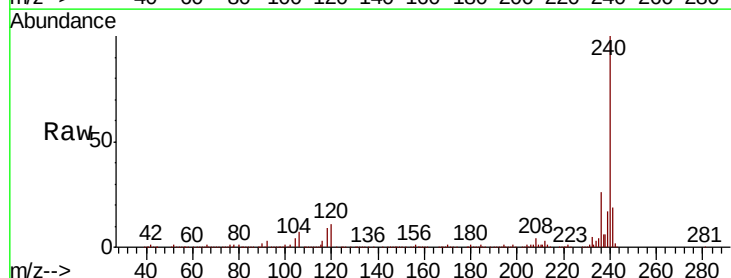
Instrument :
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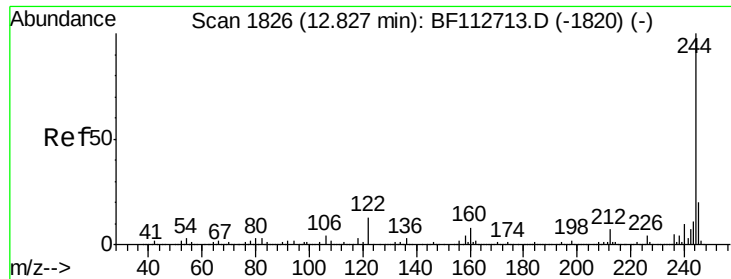
Tot Ion:188 Resp: 987583
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 9.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112928.D
Acq: 7 Mar 2019 18:22

Tgt Ion:240 Resp: 889830
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 57.335 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP-6AB-S

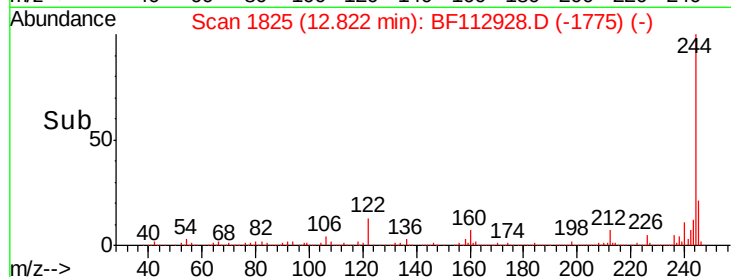
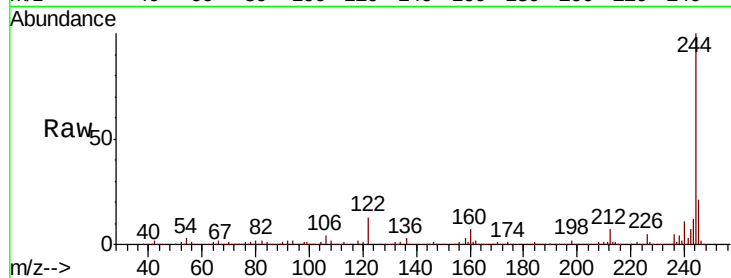
Tot Ion:244 Resp: 2631863

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

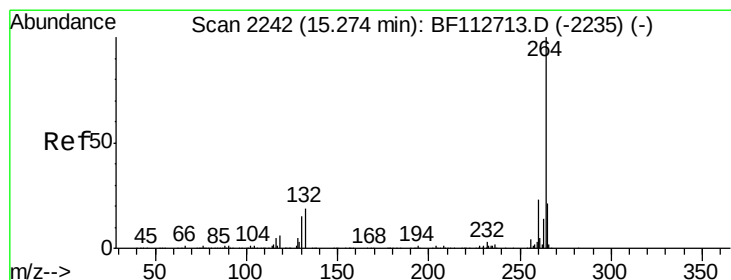
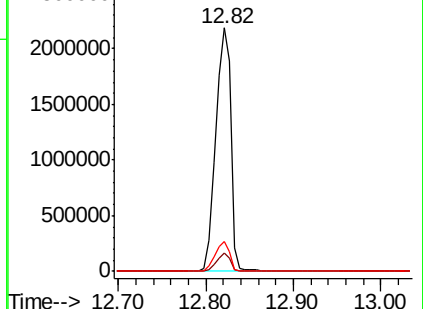
122 12.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112928.D

Acq: 7 Mar 2019 18:22

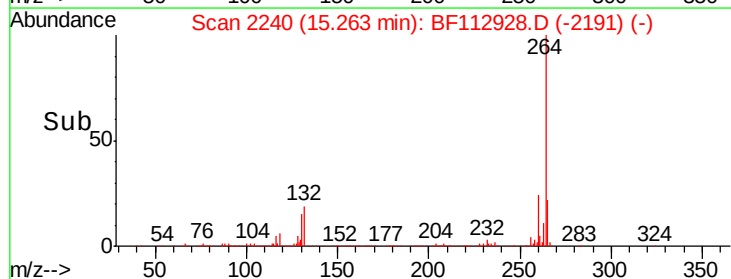
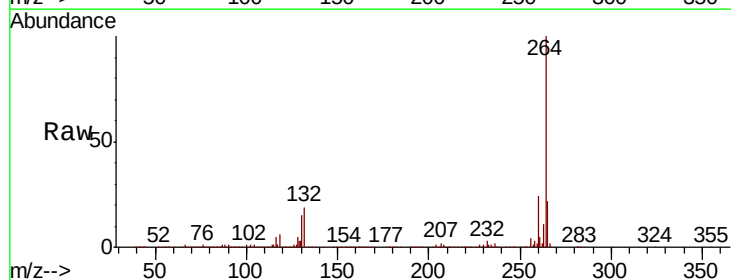
Tgt Ion:264 Resp: 776302

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

