

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086934.D
 Acq On : 12 May 2016 16:58
 Operator : UM/SJ
 Sample : H2977-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-18-0.5-6.0

Quant Time: May 13 01:08:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

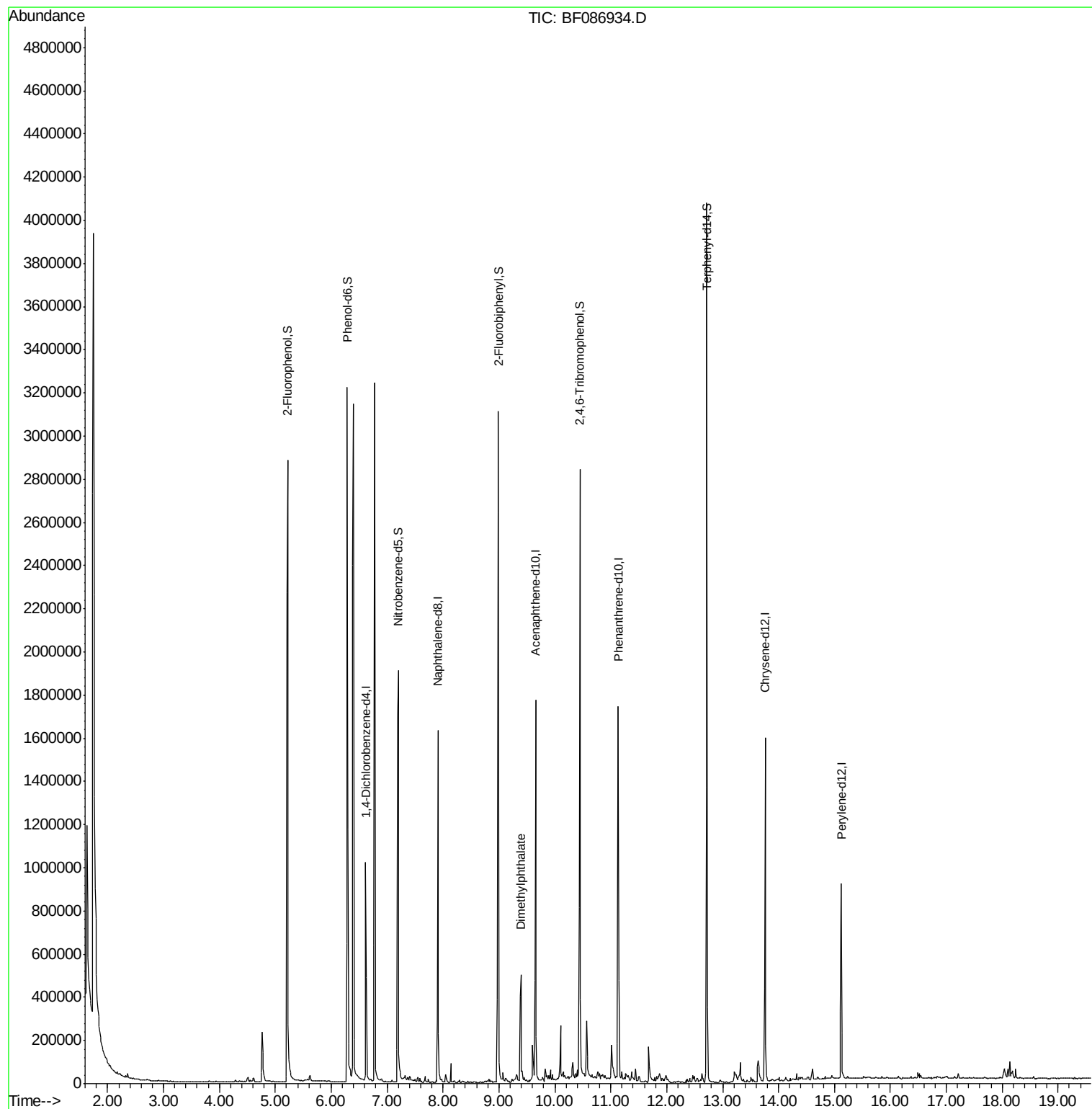
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	159809	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	690554	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	337772	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	635034	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	502704	20.00	ng	-0.01
86) Perylene-d12	15.12	264	362385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	995813	105.53	ng	0.01
7) Phenol-d6	6.28	99	1165668	92.43	ng	-0.01
23) Nitrobenzene-d5	7.20	82	872719	63.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	296389	82.89	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1406131	69.96	ng	0.00
78) Terphenyl-d14	12.72	244	1240536	52.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	267523	10.38	ng	Qvalue 98

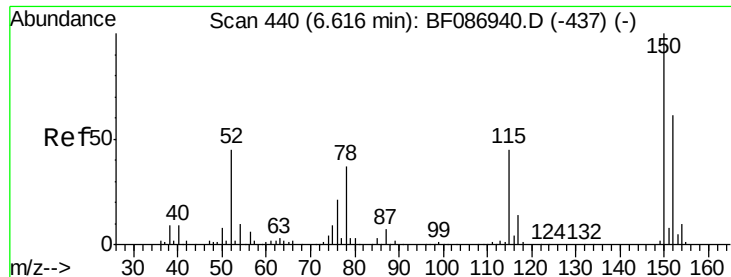
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

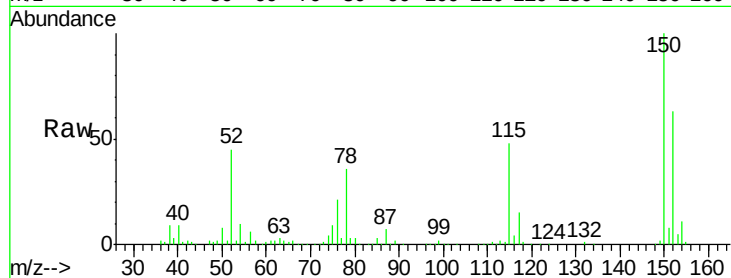
Tgt Ion:152 Resp: 159809

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

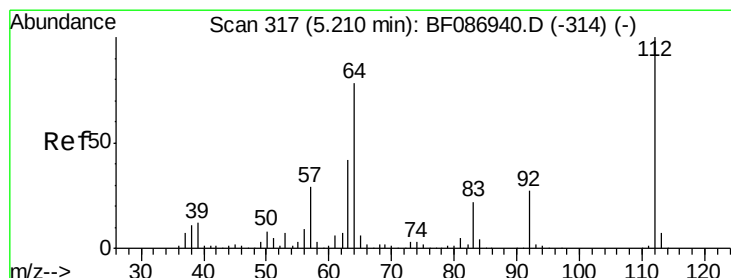
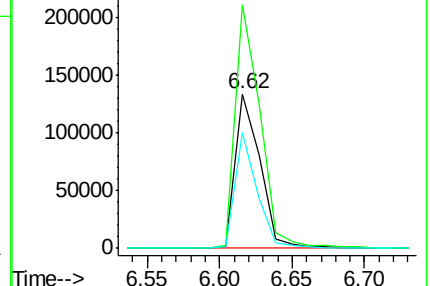
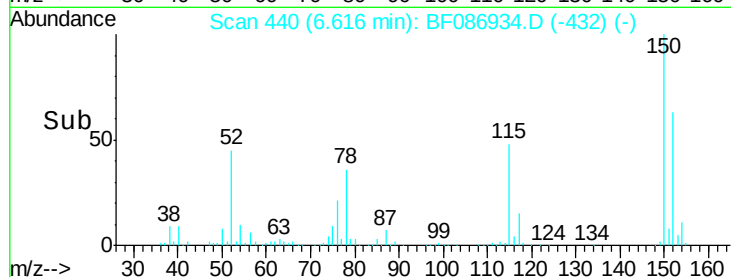
115 75.2 51.5 77.3



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: 105.53 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

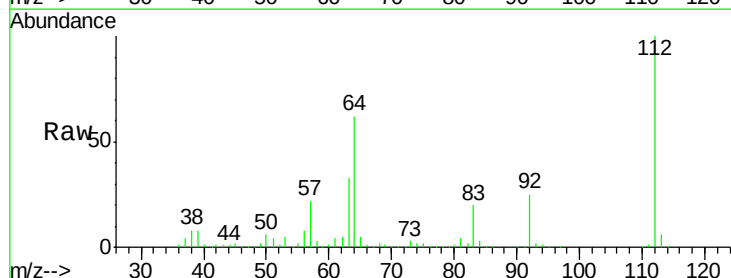
Tgt Ion:112 Resp: 995813

Ion Ratio Lower Upper

112 100

64 61.6 52.1 78.1

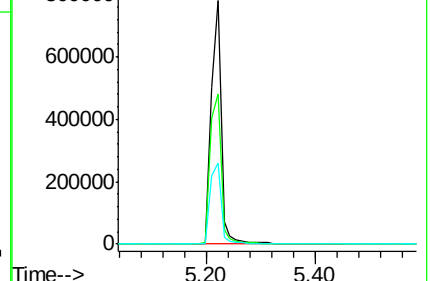
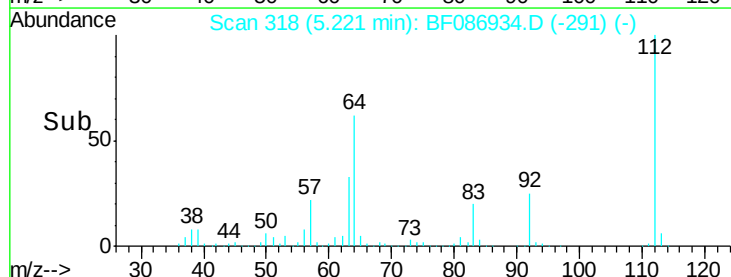
63 33.2 25.7 38.5

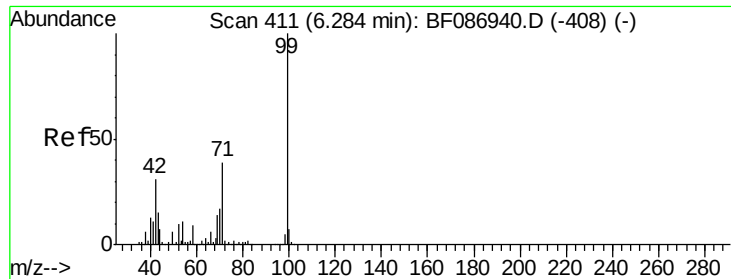


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.43 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

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ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

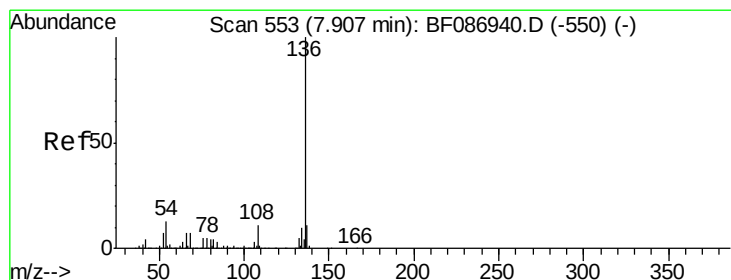
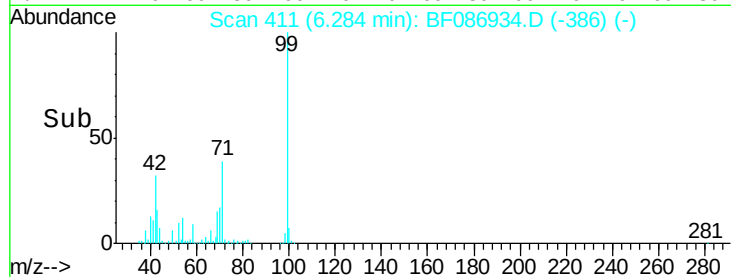
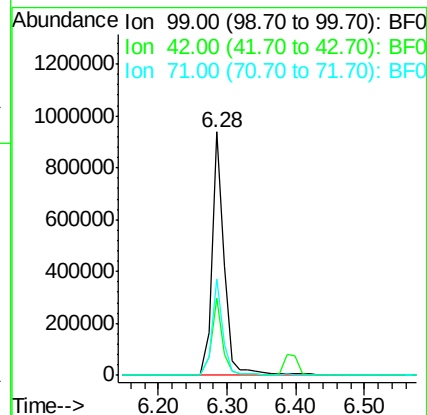
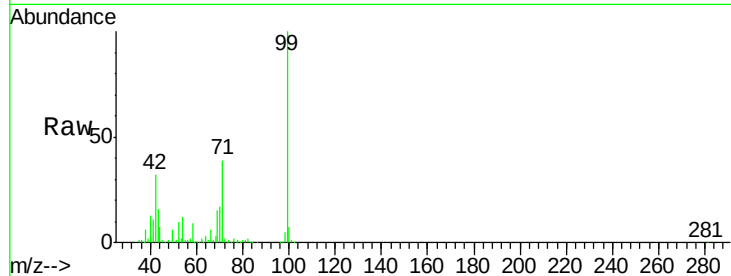
Tgt Ion: 99 Resp: 1165668

Ion Ratio Lower Upper

99 100

42 32.0 13.6 20.4#

71 39.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Tgt Ion: 136 Resp: 690554

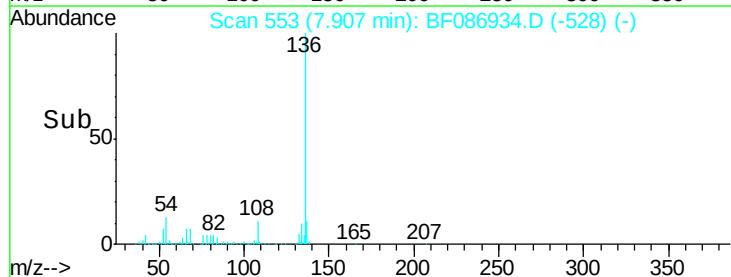
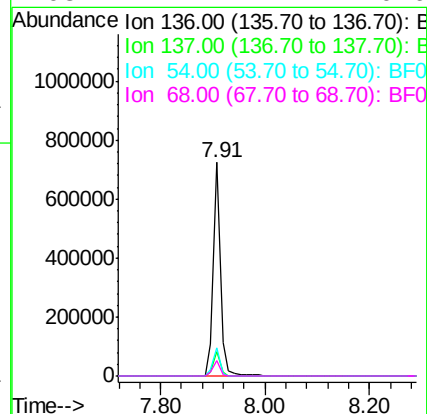
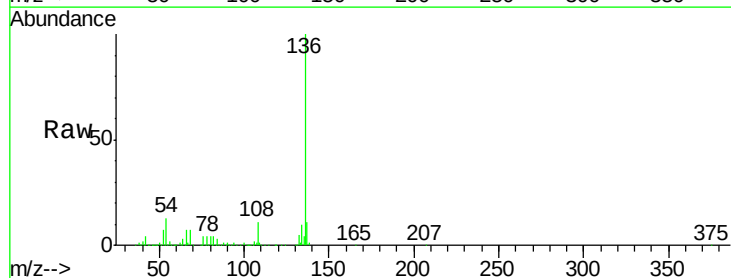
Ion Ratio Lower Upper

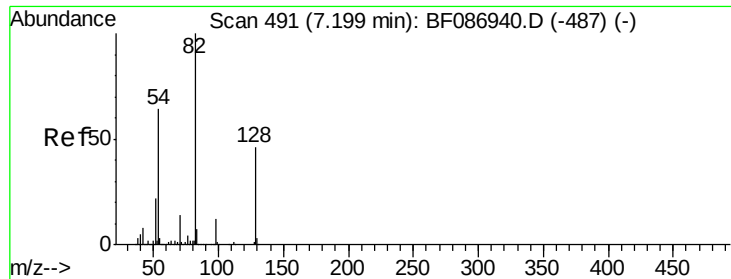
136 100

137 11.3 8.8 13.2

54 12.9 5.0 7.4#

68 7.1 4.4 6.6#

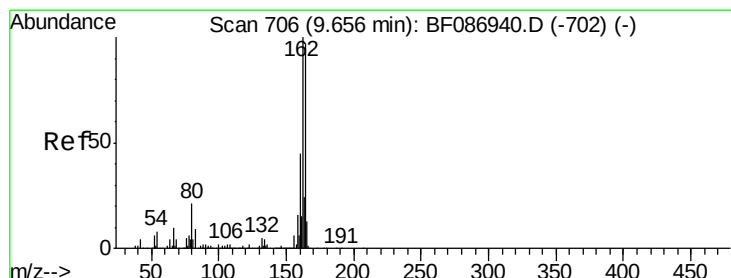
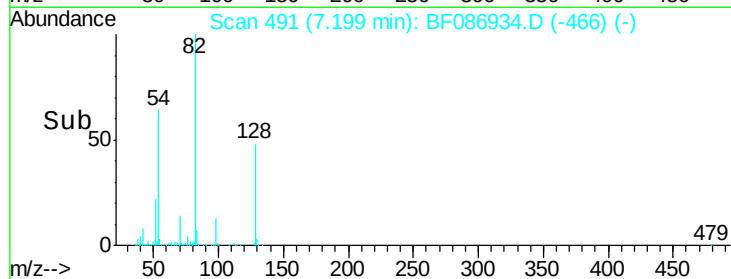
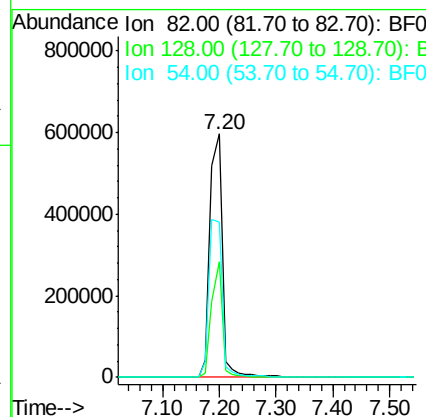
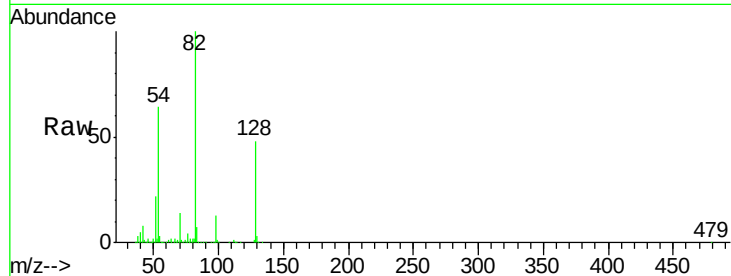




#23
 Nitrobenzene-d5
 Concen: 63.46 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

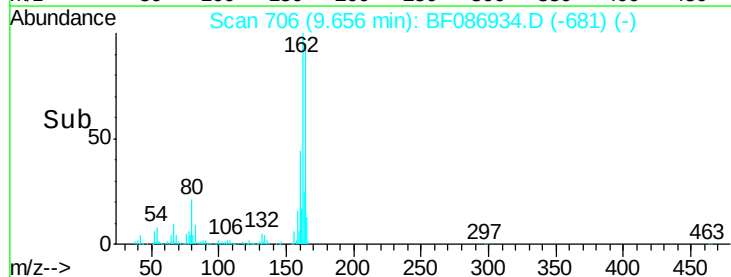
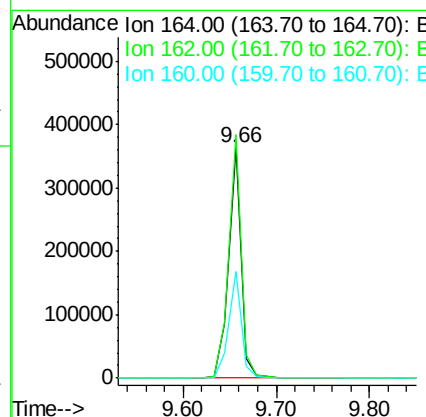
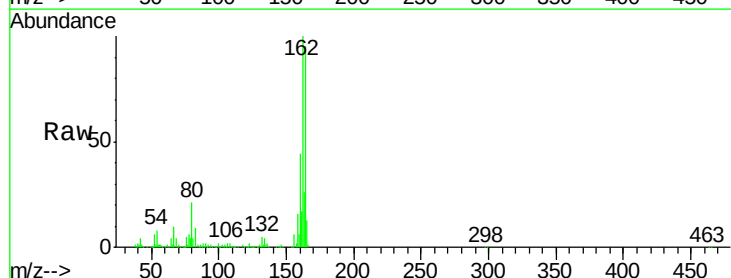
Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-18-0.5-6.0

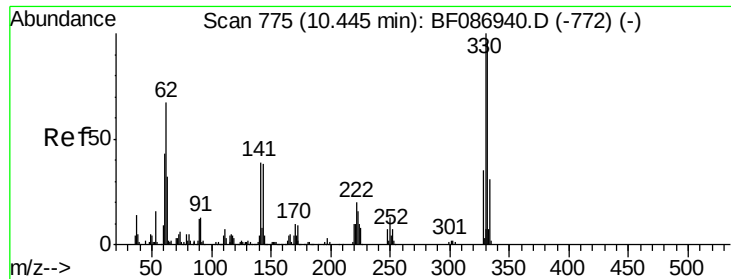
Tgt Ion: 82 Resp: 872719
 Ion Ratio Lower Upper
 82 100
 128 47.6 40.6 61.0
 54 63.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

Tgt Ion: 164 Resp: 337772
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.8 124.2
 160 46.5 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 82.89 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

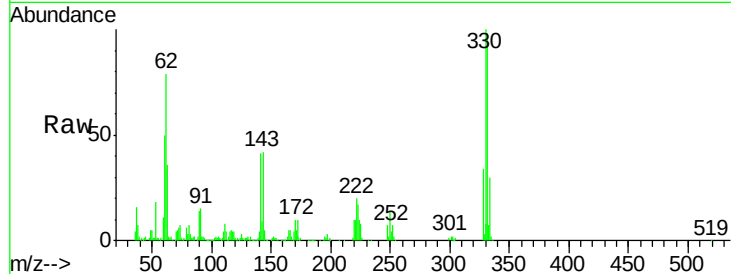
Tgt Ion:330 Resp: 296389

Ion Ratio Lower Upper

330 100

332 99.3 79.0 118.4

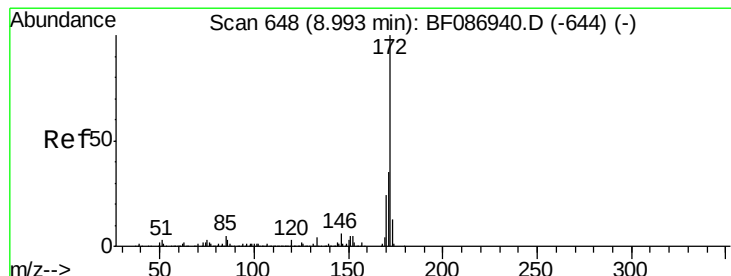
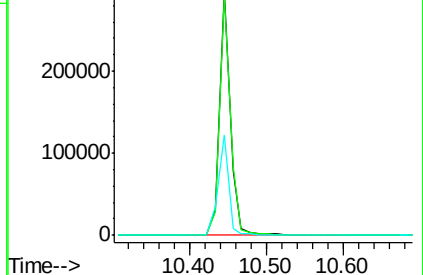
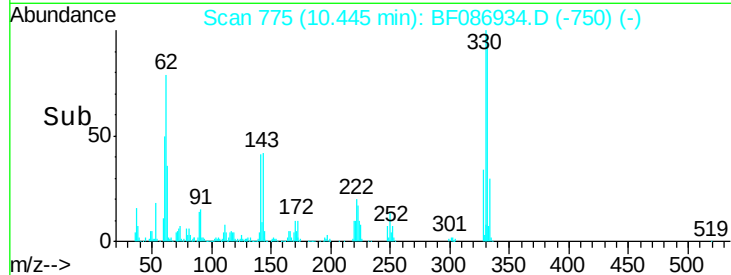
141 40.0 31.2 46.8



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



#44

2-Fluorobiphenyl

Concen: 69.96 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

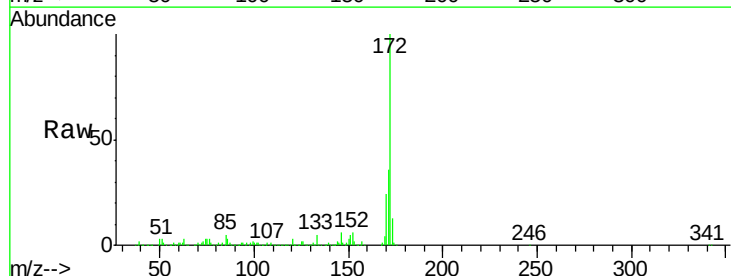
Tgt Ion:172 Resp: 1406131

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

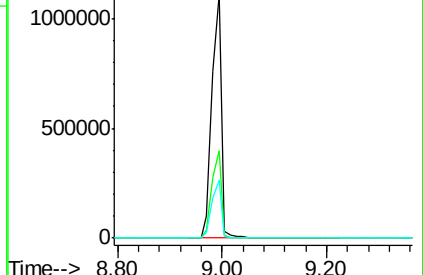
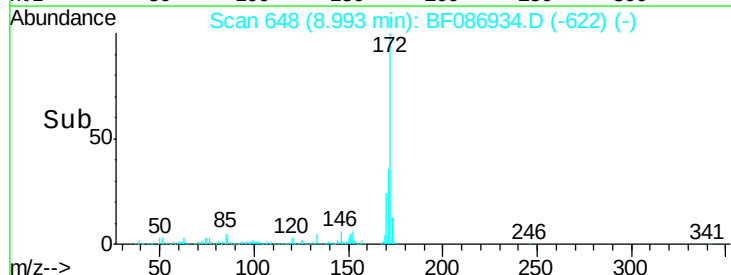
170 23.8 19.8 29.8

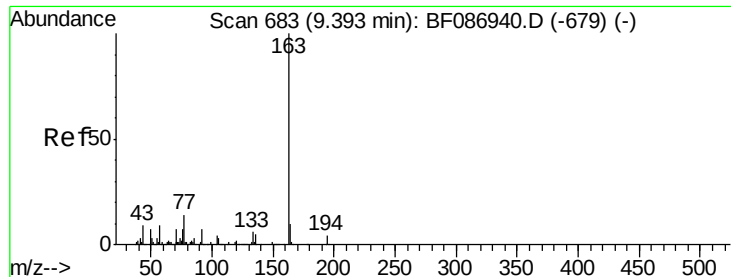


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

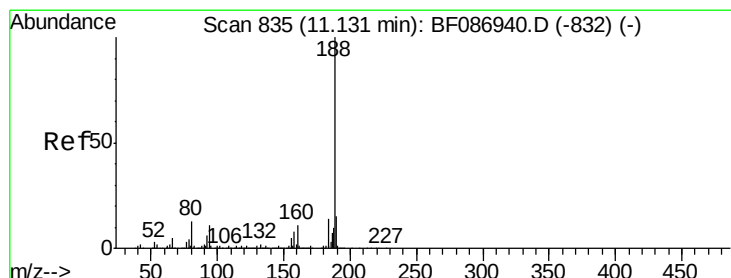
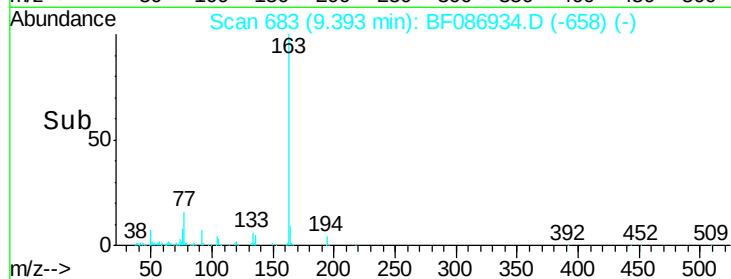
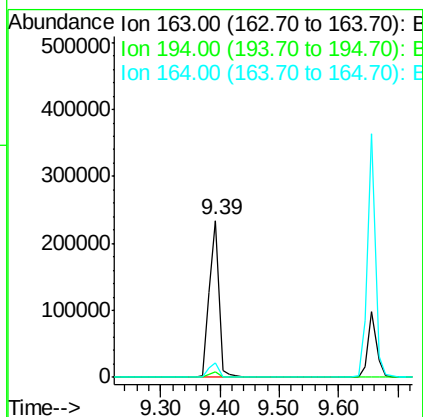
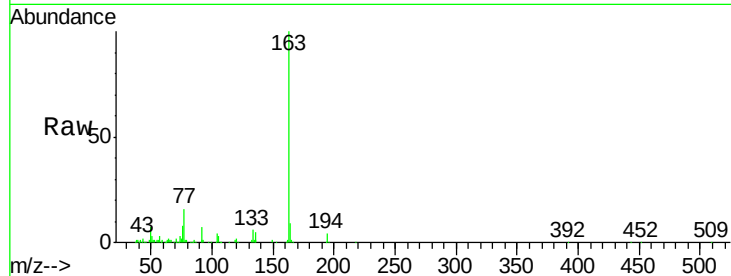




#49
Dimethylphthalate
Concen: 10.38 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086934.D
Acq: 12 May 2016 16:58

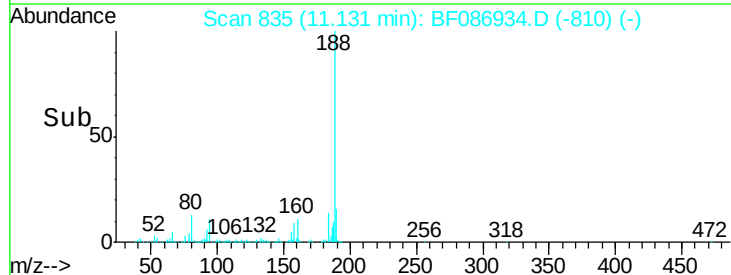
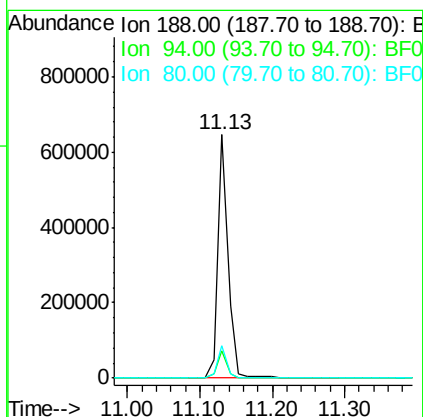
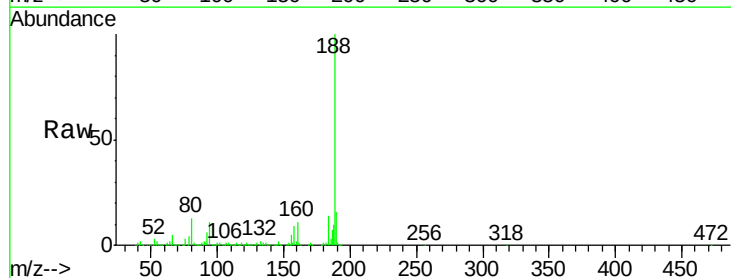
Instrument :
BNA_F
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90TH-AVE-SB-18-0.5-6.0

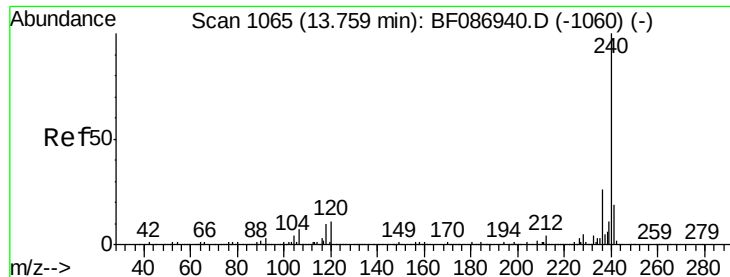
Tgt Ion:163 Resp: 267523
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086934.D
Acq: 12 May 2016 16:58

Tgt Ion:188 Resp: 635034
Ion Ratio Lower Upper
188 100
94 11.2 6.8 10.2#
80 13.1 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

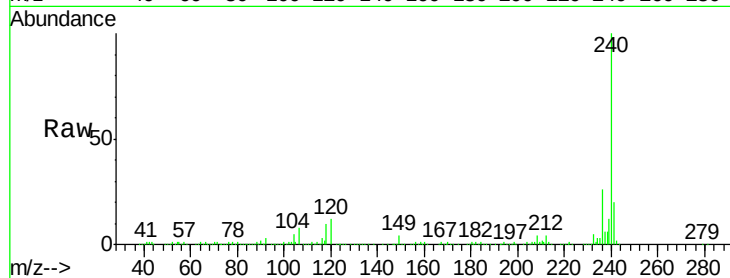
Tgt Ion:240 Resp: 502704

Ion Ratio Lower Upper

240 100

120 11.9 11.2 16.8

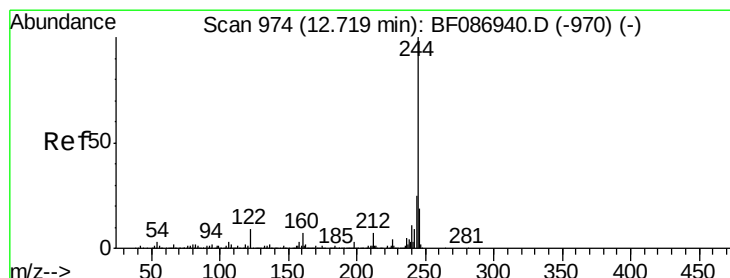
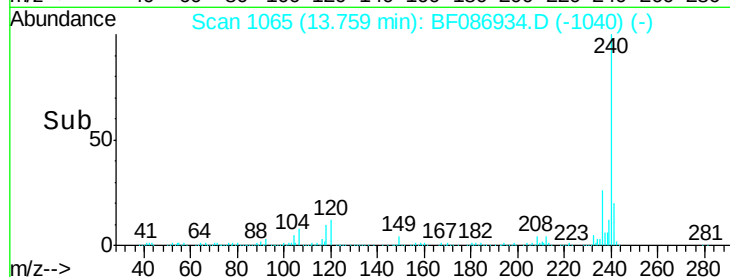
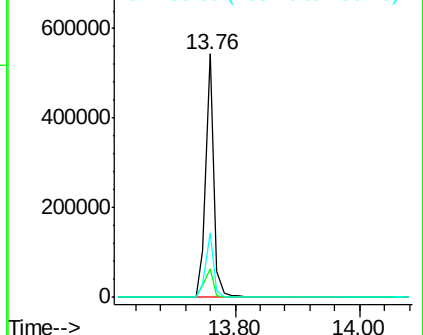
236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 52.36 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

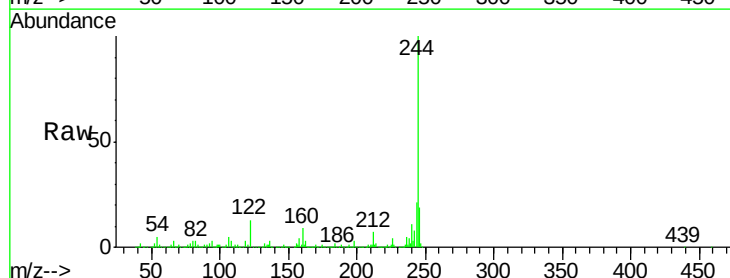
Tgt Ion:244 Resp: 1240536

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

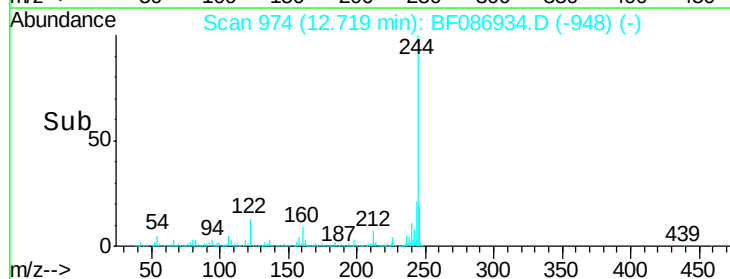
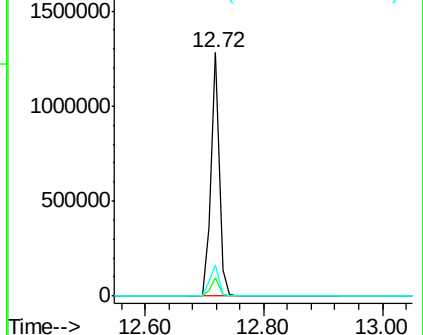
122 12.7 12.0 18.0

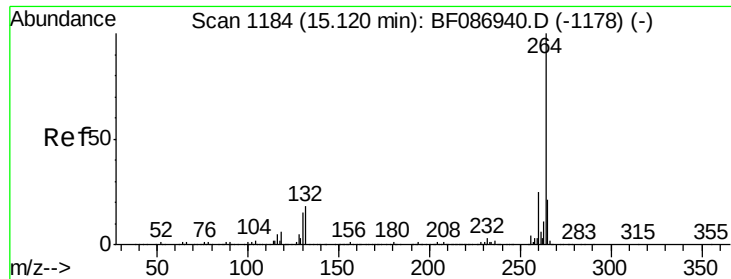


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086934.D
Acq: 12 May 2016 16:58

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.4	17.3	25.9

