

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088144.D
 Acq On : 18 Jun 2016 20:04
 Operator : UM/SJ
 Sample : H3580-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(0-6)C

Quant Time: Jun 20 05:47:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

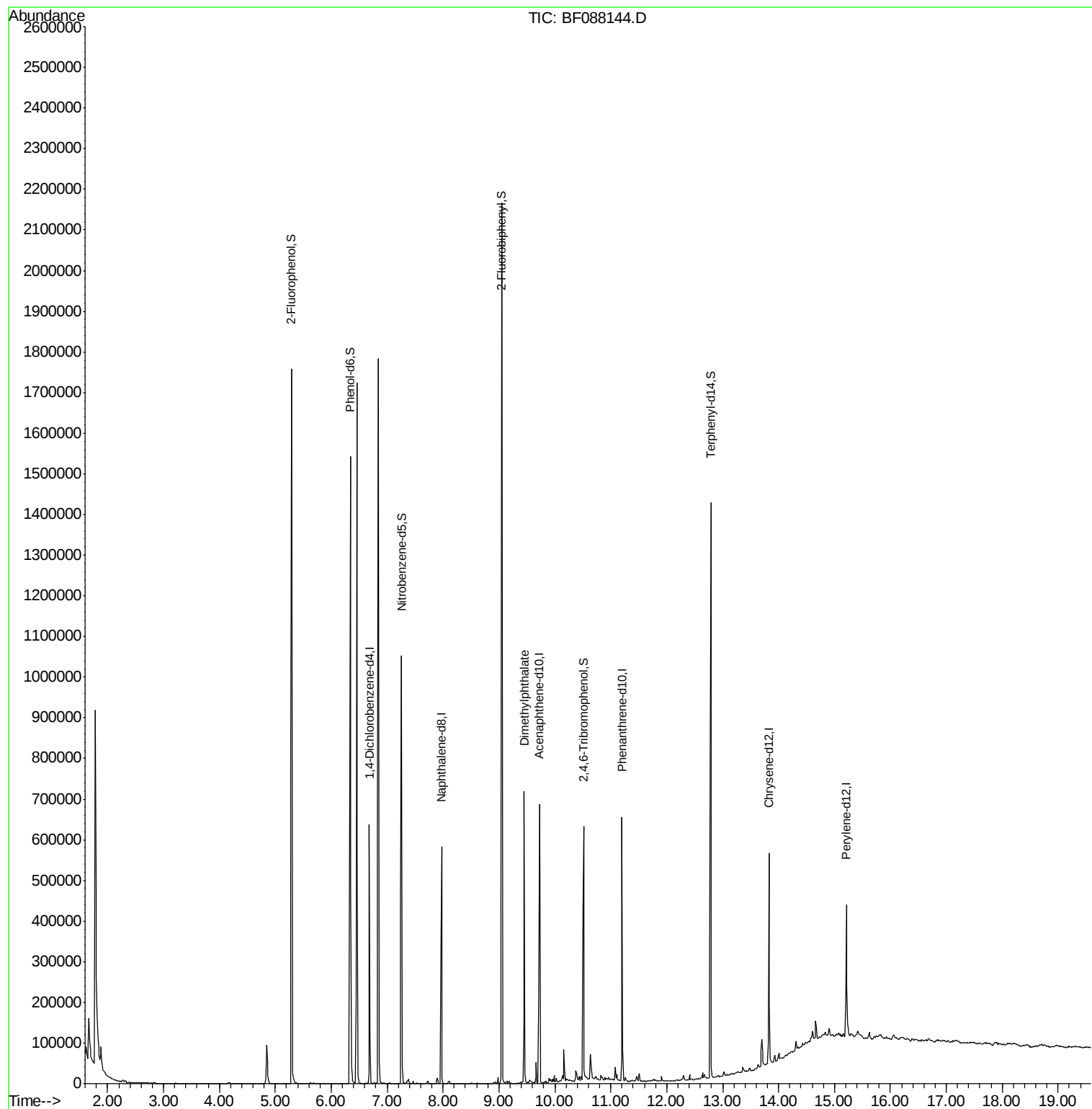
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94773	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	341752	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	139884	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	217621	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	169979	20.00	ng	-0.02
86) Perylene-d12	15.21	264	132326	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	583031	105.17	ng	0.01
7) Phenol-d6	6.34	99	648527	96.53	ng	-0.01
23) Nitrobenzene-d5	7.26	82	374369	63.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	95224	64.47	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	663412	73.77	ng	-0.02
78) Terphenyl-d14	12.79	244	526423	70.47	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	294791	29.09	ng	99

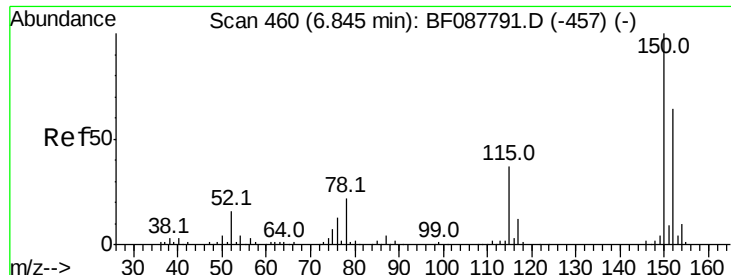
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

08-B4(0-6)C

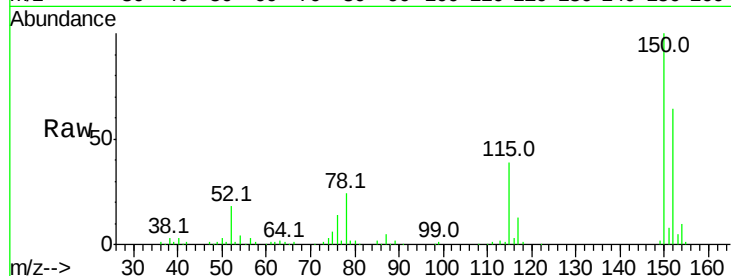
Tot Ion:152 Resp: 94773

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

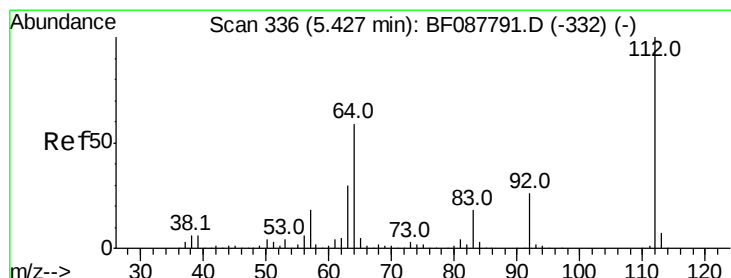
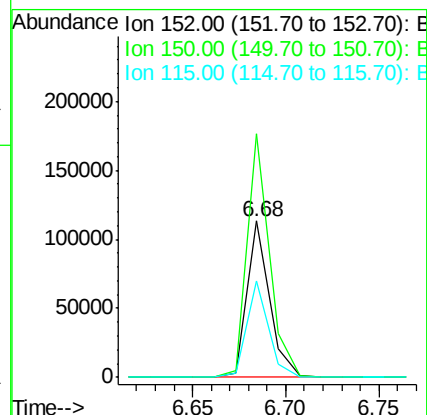
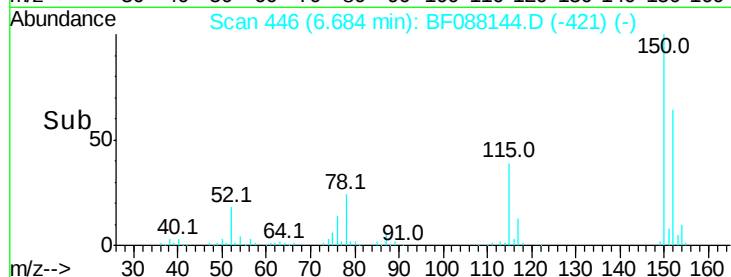
115 61.4 39.6 59.4#



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: 105.17 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

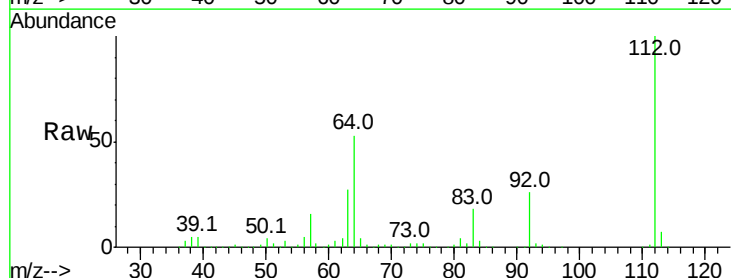
Tgt Ion:112 Resp: 583031

Ion Ratio Lower Upper

112 100

64 53.2 42.2 63.2

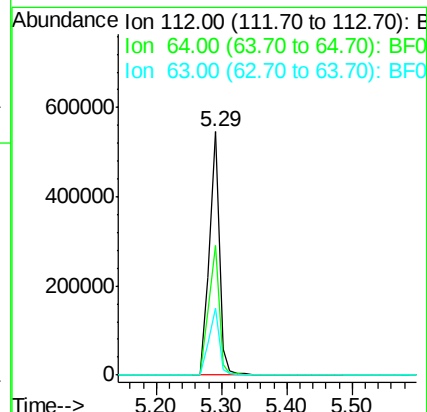
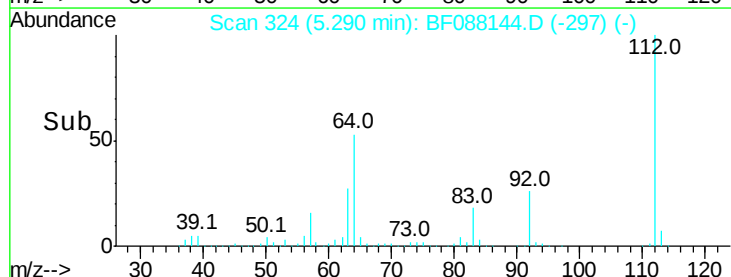
63 27.4 21.8 32.8

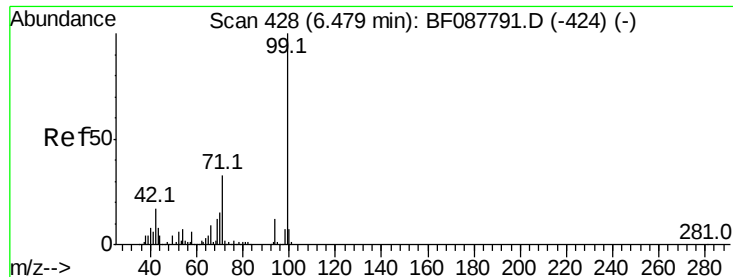


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.53 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

08-B4(0-6)C

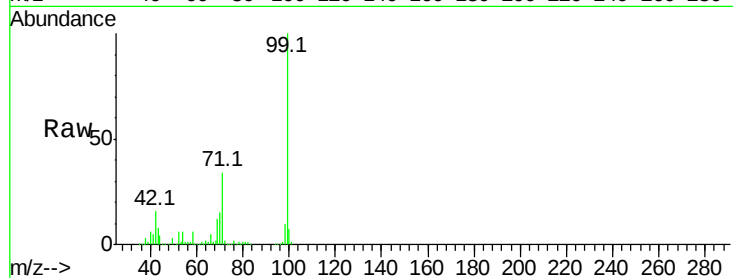
Tot Ion: 99 Resp: 648527

Ion Ratio Lower Upper

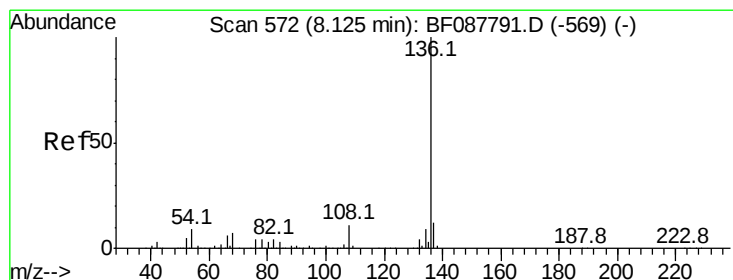
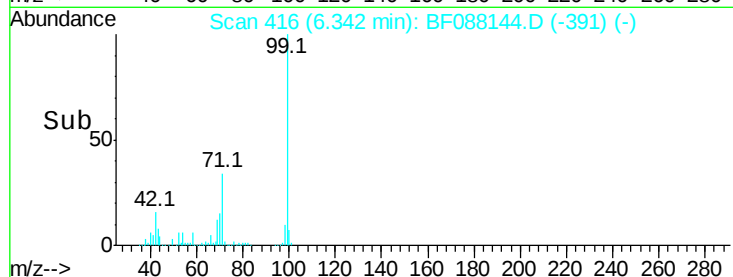
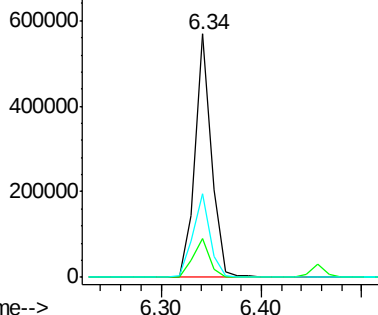
99 100

42 16.0 12.2 18.2

71 34.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Tgt Ion: 136 Resp: 341752

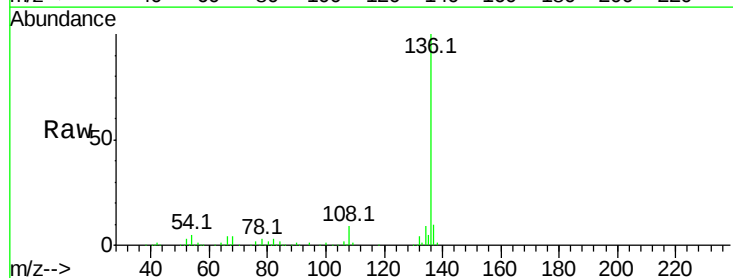
Ion Ratio Lower Upper

136 100

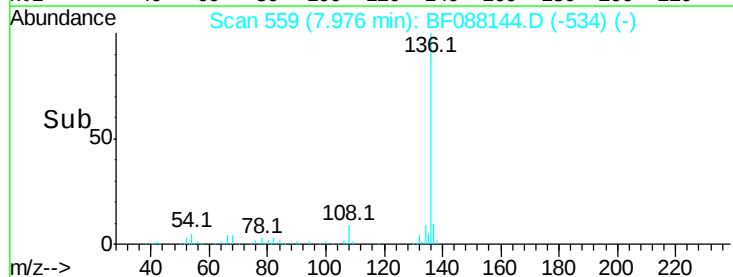
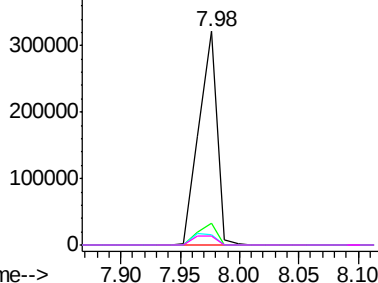
137 10.5 9.1 13.7

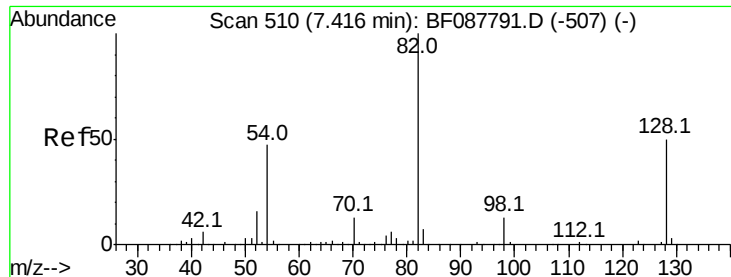
54 5.1 6.6 10.0#

68 4.5 5.1 7.7#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

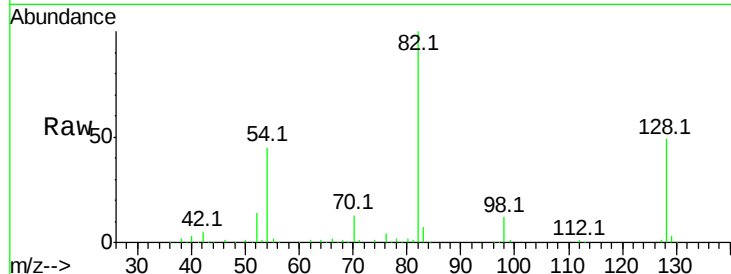




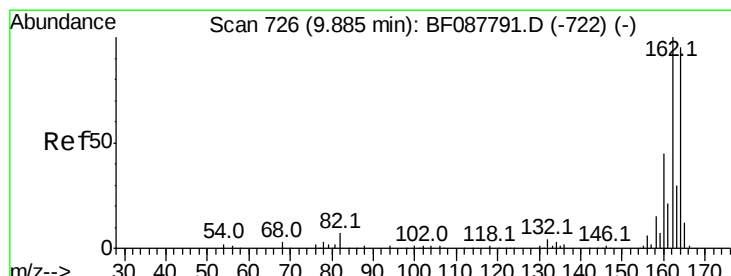
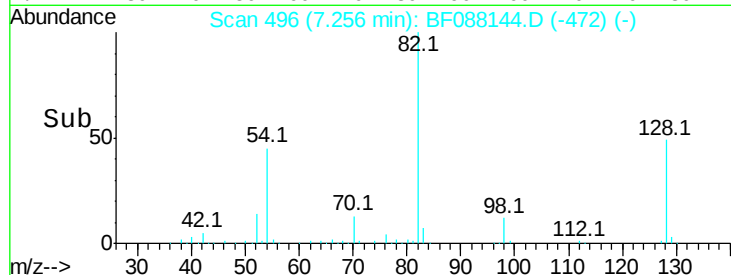
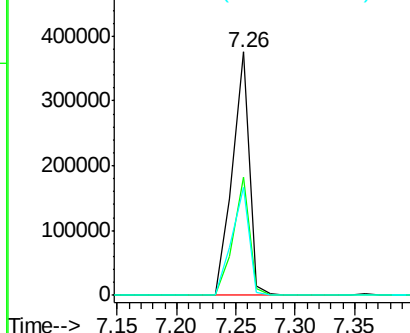
#23
 Nitrobenzene-d5
 Concen: 63.97 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(0-6)C

Tot Ion	82	Resp	374369
Ion Ratio	Lower	Upper	
82	100		
128	48.8	35.9	53.9
54	44.5	40.9	61.3

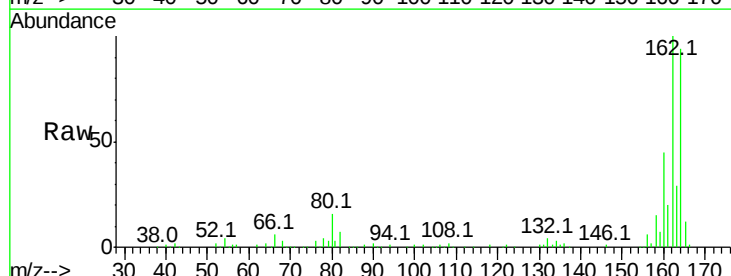


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

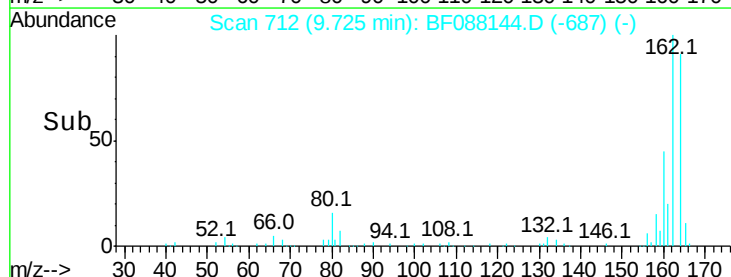
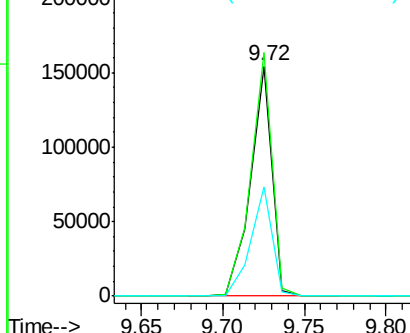


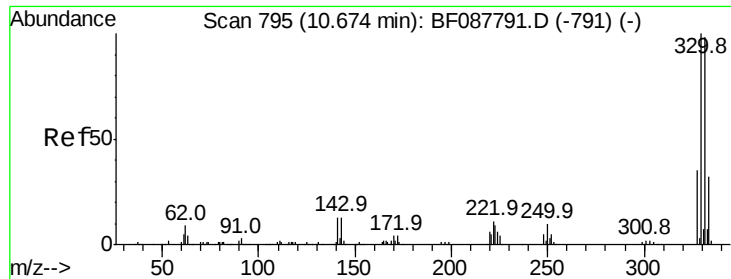
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

Tgt Ion	164	Resp	139884
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.4	128.2
160	47.4	39.5	59.3



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

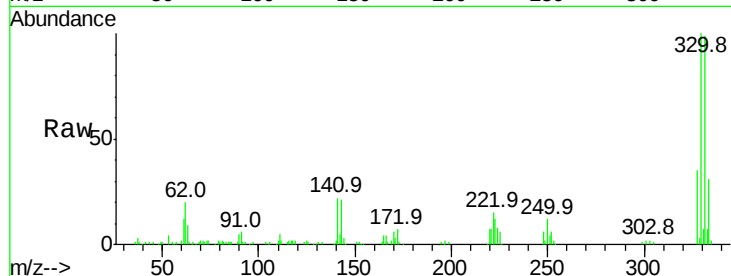




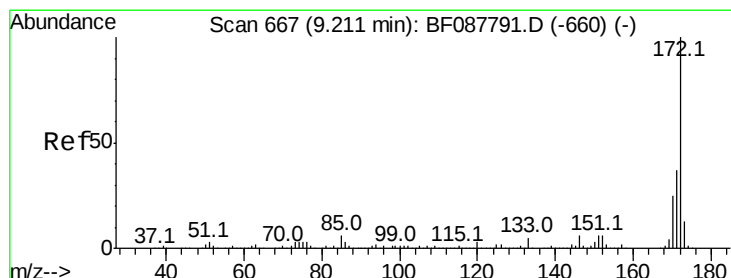
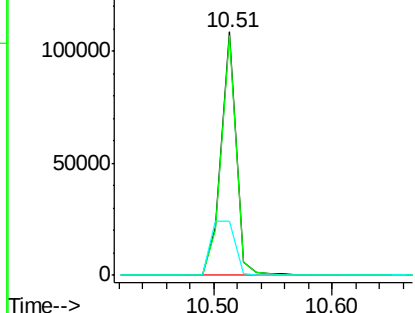
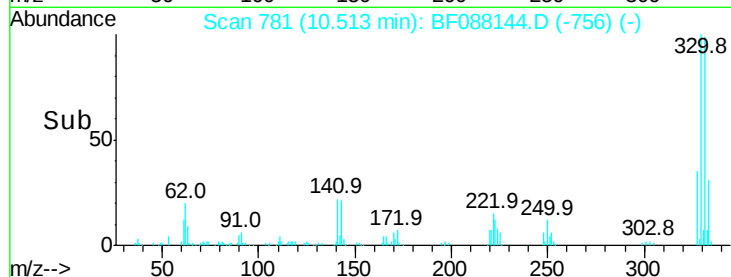
#41
 2,4,6-Tribromophenol
 Concen: 64.47 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	36.2	0.0	0.0#

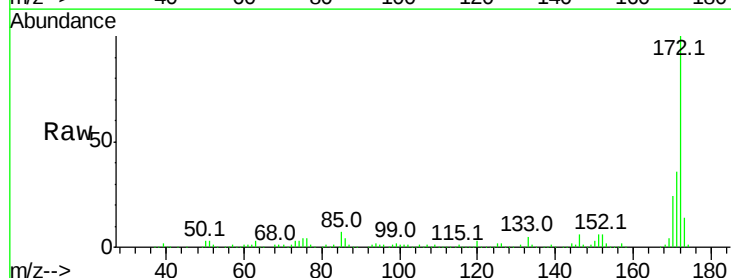


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

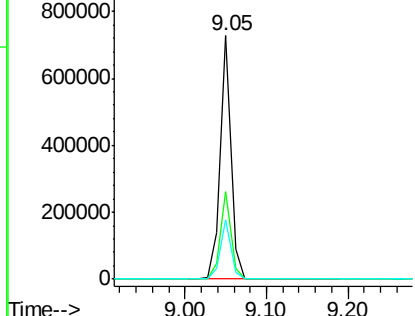
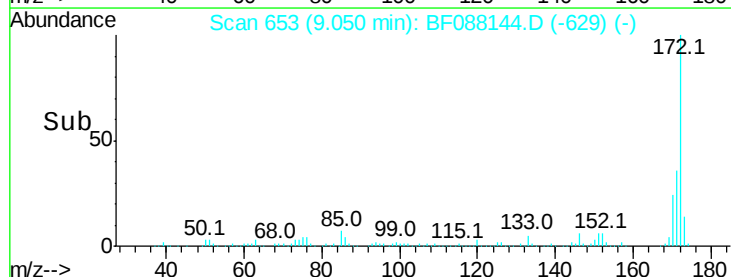


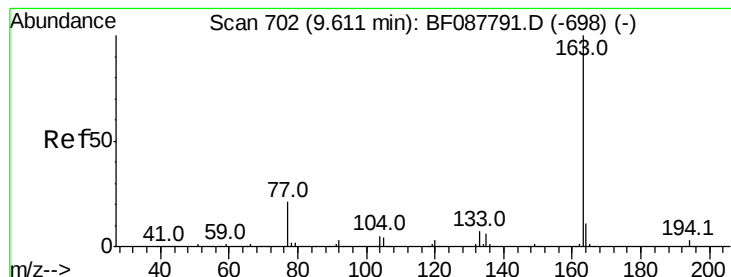
#44
 2-Fluorobiphenyl
 Concen: 73.77 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.2	28.8



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: 29.09 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

08-B4(0-6)C

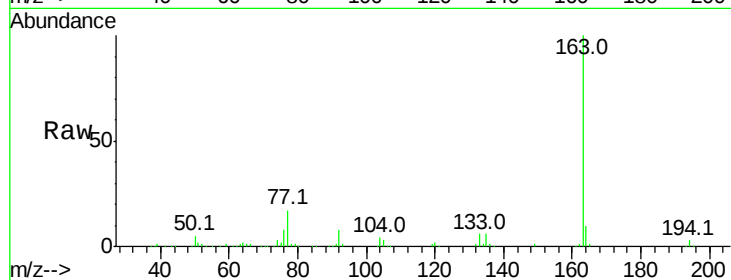
Tot Ion:163 Resp: 294791

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

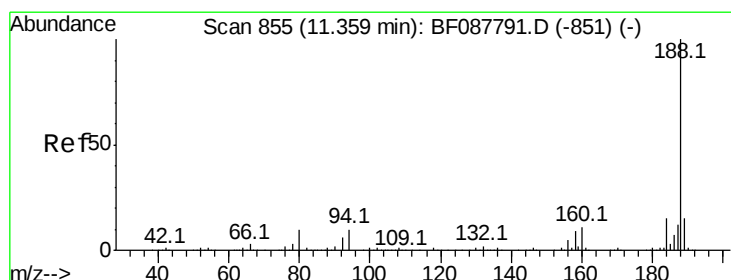
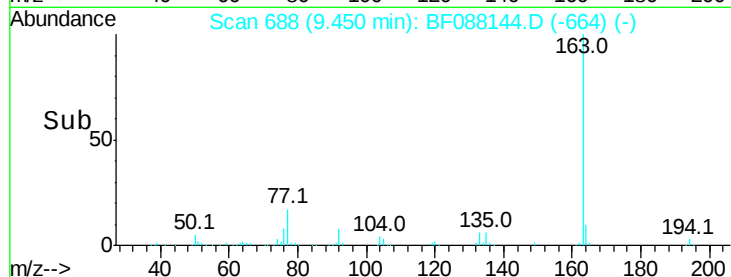
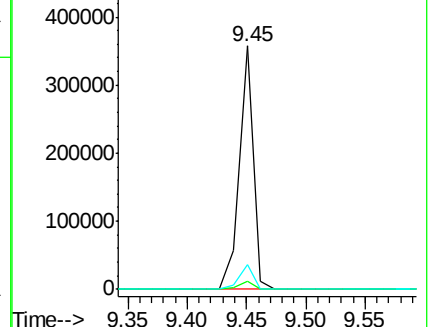
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

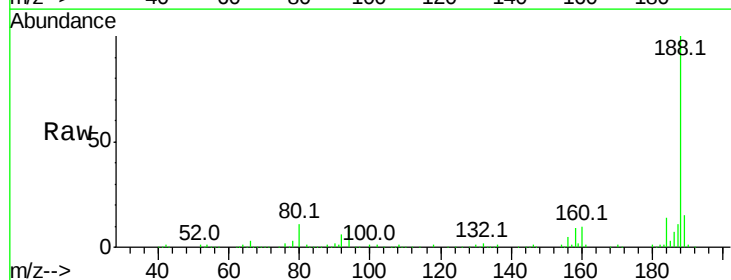
Tgt Ion:188 Resp: 217621

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.6

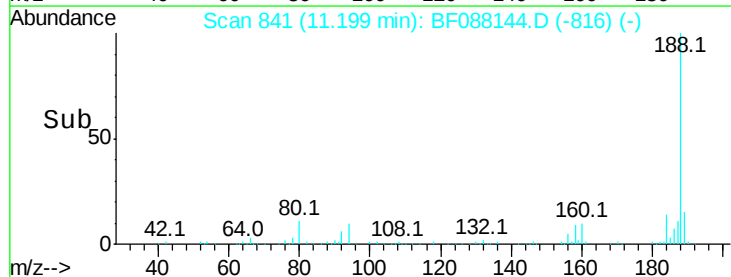
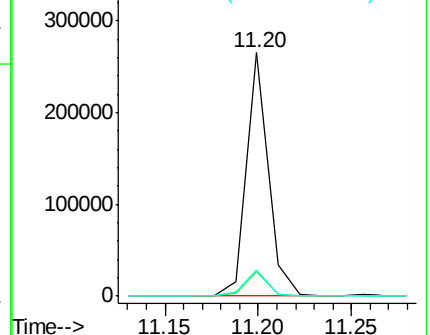
80 10.9 10.0 15.0

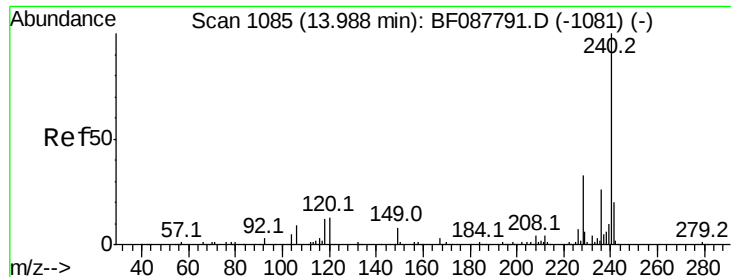


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

08-B4(0-6)C

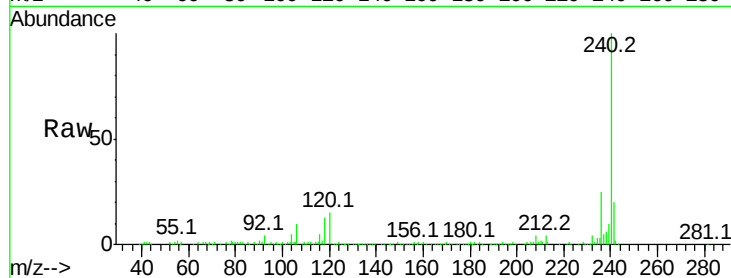
Tot Ion:240 Resp: 169979

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

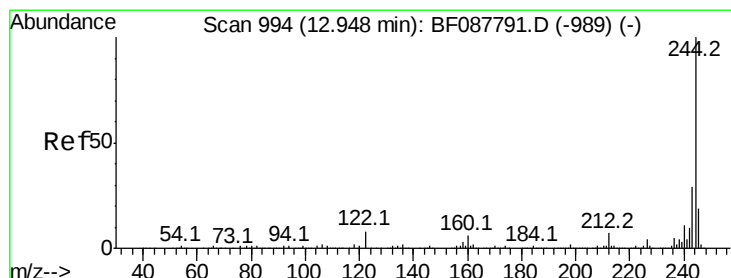
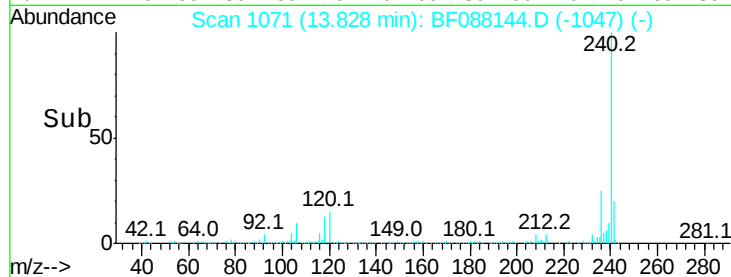
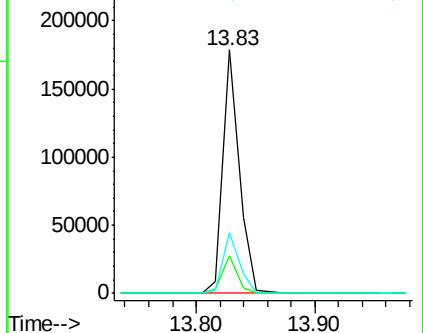
236 25.0 20.2 30.2



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: 70.47 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

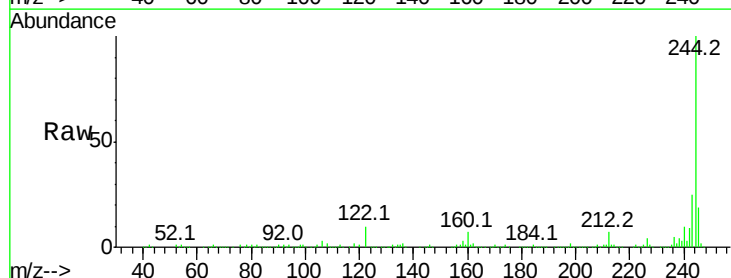
Tgt Ion:244 Resp: 526423

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

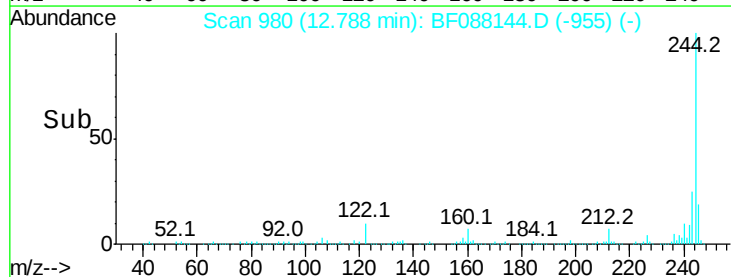
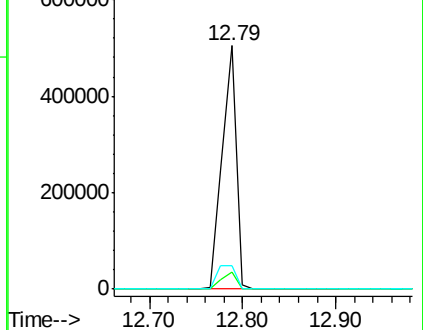
122 9.6 11.2 16.8#

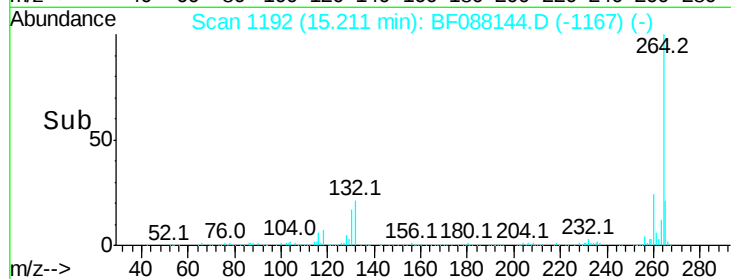
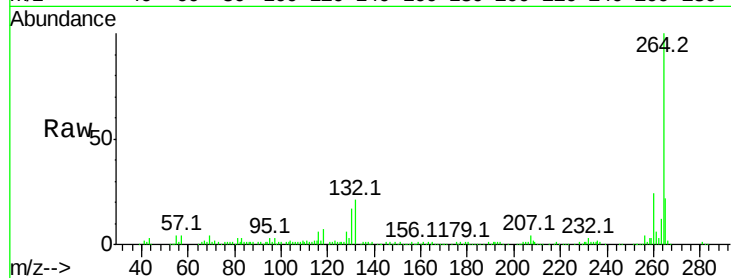
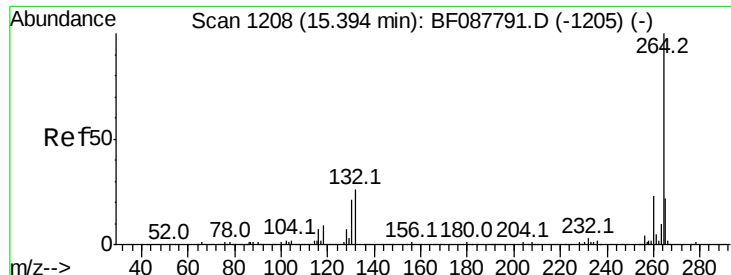


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

08-B4(0-6)C

Tot Ion:264 Resp: 132326

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 16.9 25.3

