

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 19 07:46:08 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

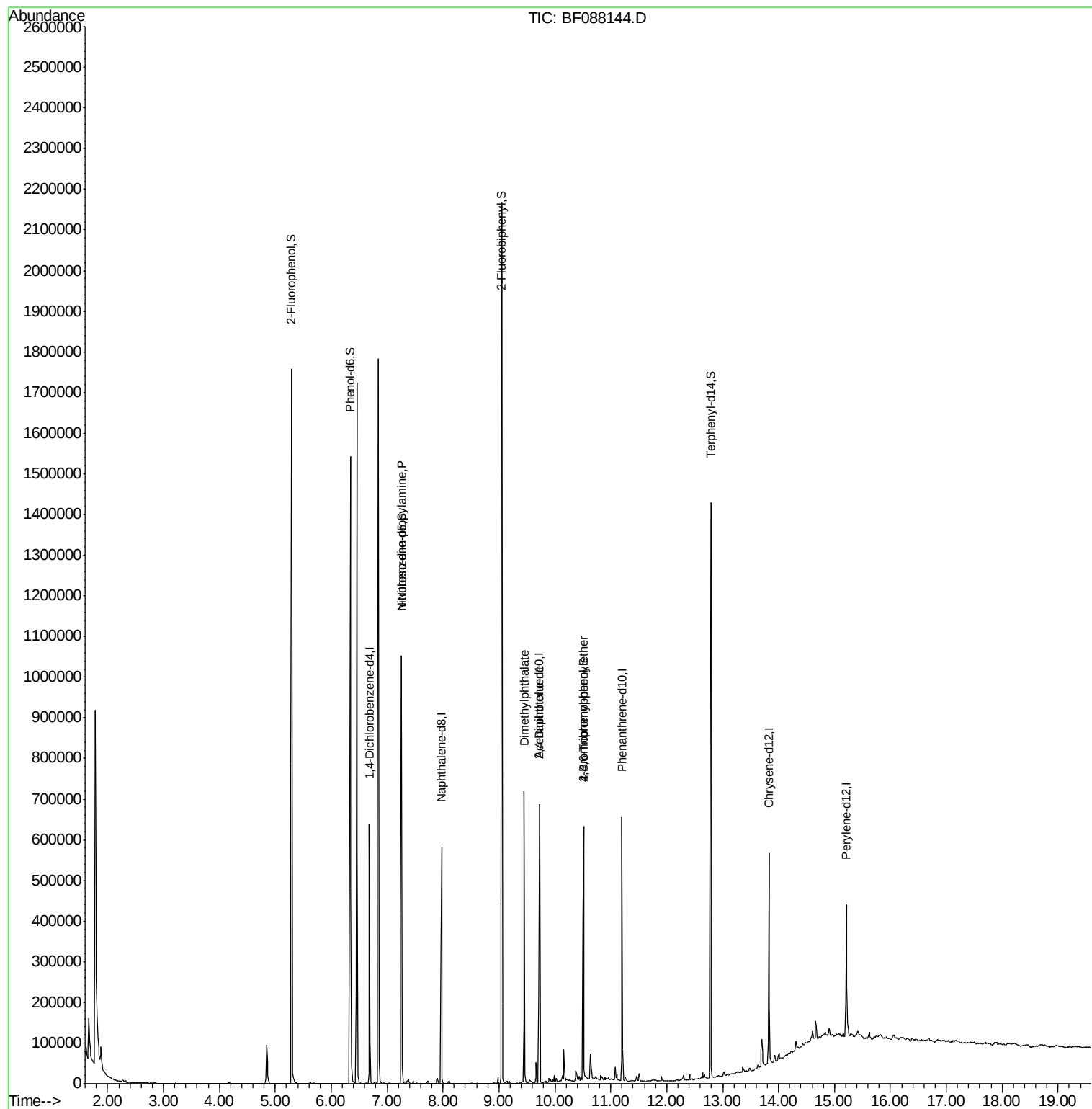
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94773	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	341752	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	139884	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	217621	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	169979	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						
10) Phenol	6.35	94	7012	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	48075	11.19	ng	# 70
45) 1,1'-Biphenyl	9.05	154	1223	Below Cal	#	1
49) Dimethylphthalate	9.45	163	294791	29.09	ng	99
56) 2,4-Dinitrotoluene	9.72	165	17707	5.94	ng	# 36
57) Fluorene	10.27	166	244	Below Cal	#	94
66) 4-Bromophenyl-phenylether	10.51	248	6174	2.64	ng	# 1

(#) = 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

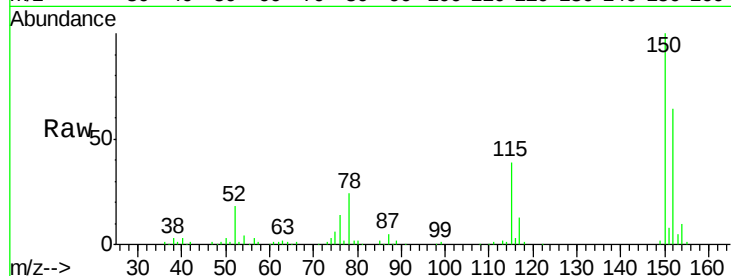
Tgt Ion:152 Resp: 94773

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

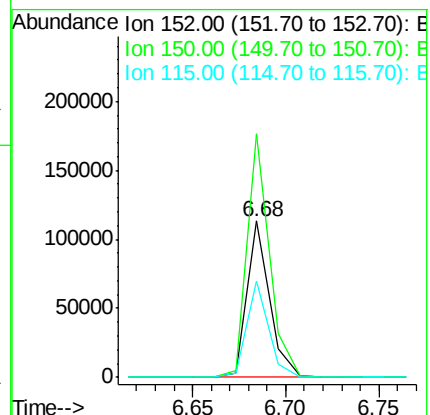
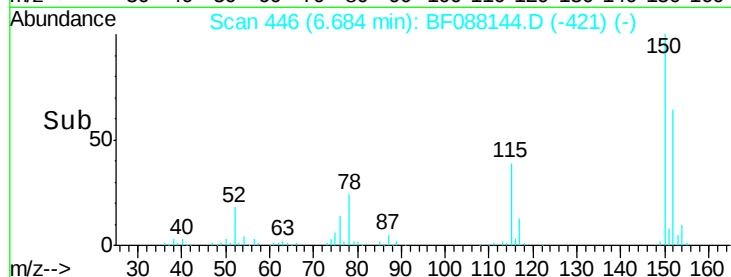
115 61.4 39.6 59.4#



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

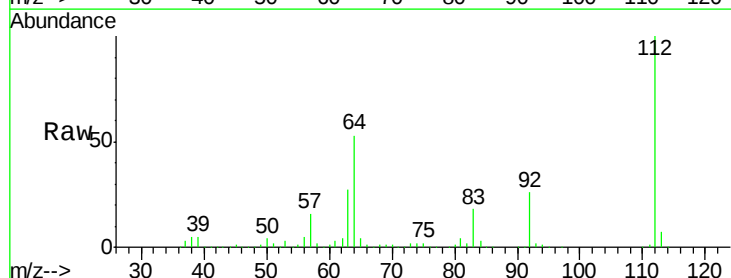
Tgt Ion:112 Resp: 583031

Ion Ratio Lower Upper

112 100

64 53.2 42.2 63.2

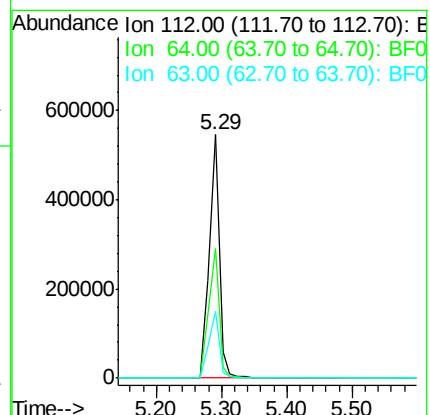
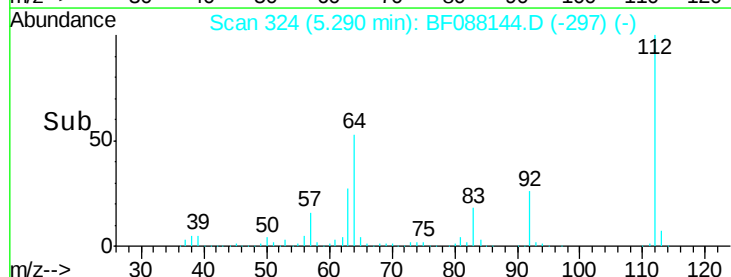
63 27.4 21.8 32.8

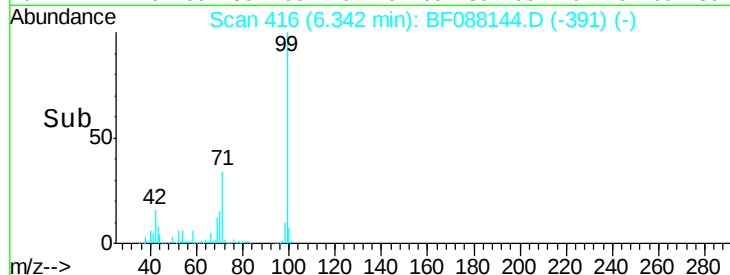
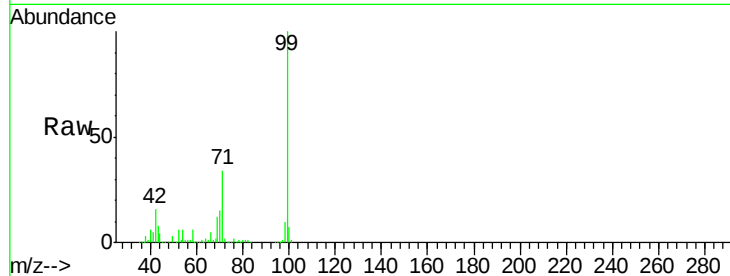


Abundance Ion 112.00 (111.70 to 112.70): E

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

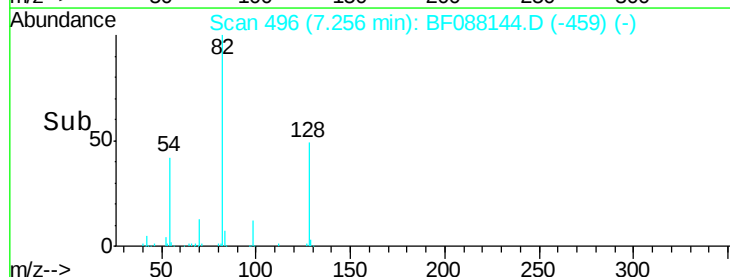
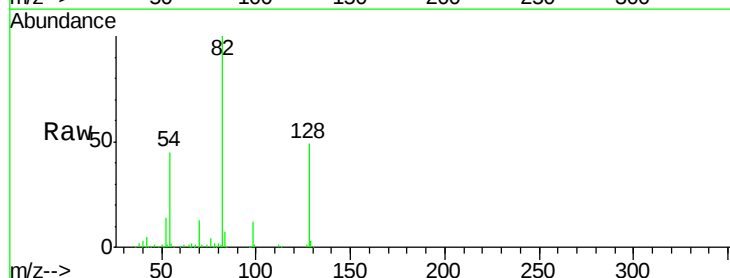
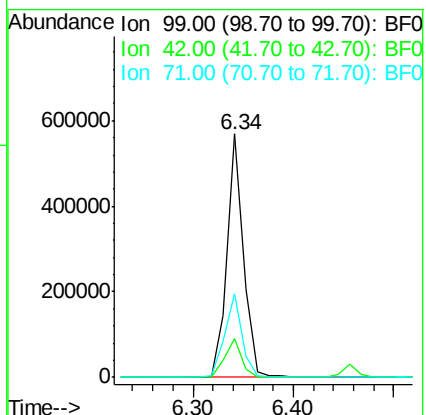
Tgt Ion: 99 Resp: 648527

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 34.2 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.19 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.13 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Tgt Ion: 70 Resp: 48075

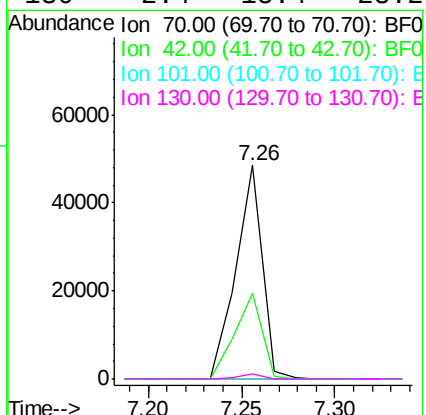
Ion Ratio Lower Upper

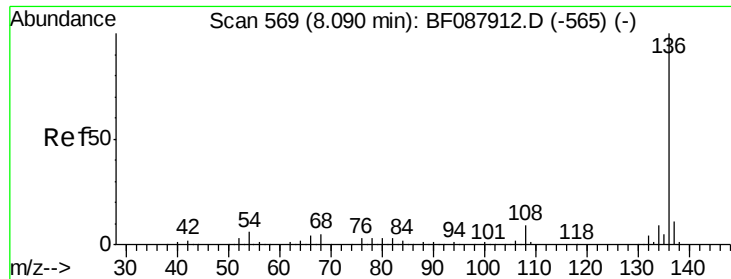
70 100

42 40.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

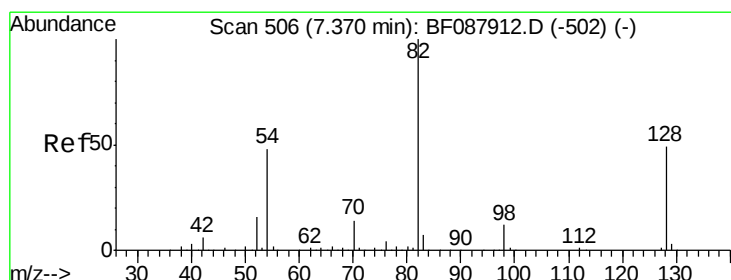
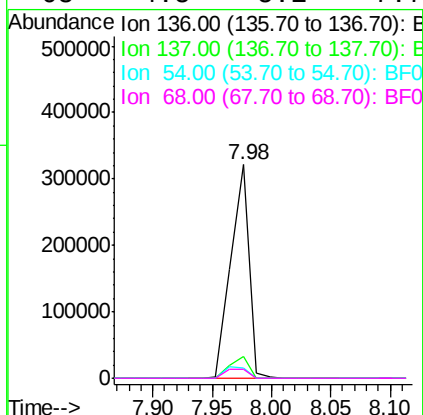
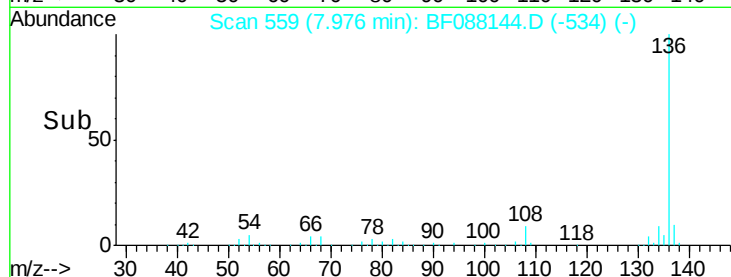
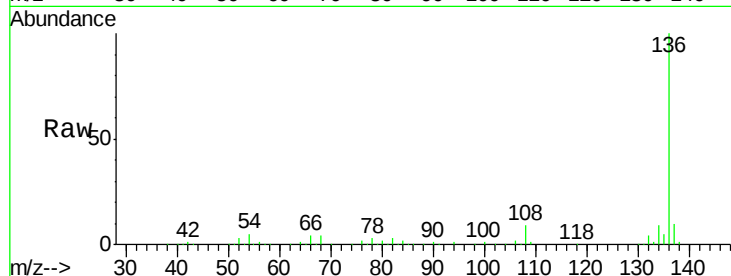




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088144.D
Acq: 18 Jun 2016 20:04

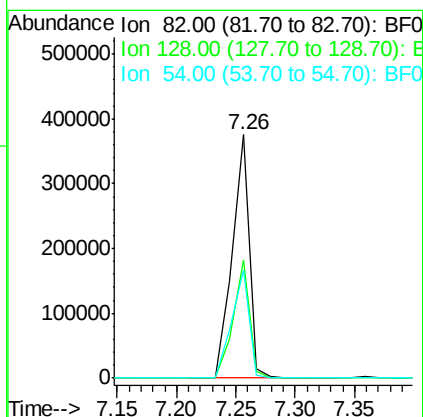
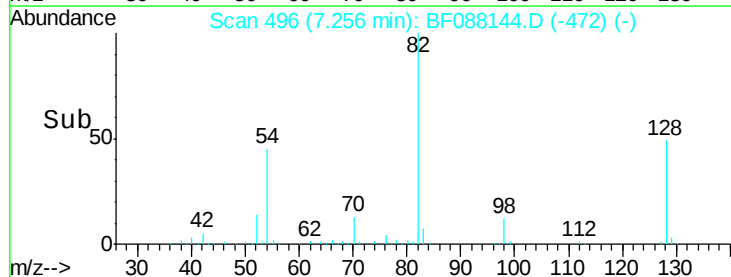
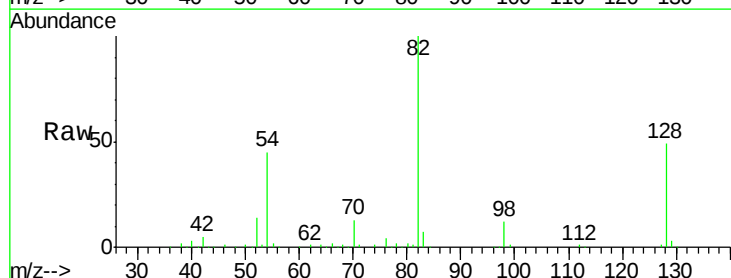
Instrument :
BNA_F
ClientSampleId :
08-B4(0-6)C

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#



#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

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

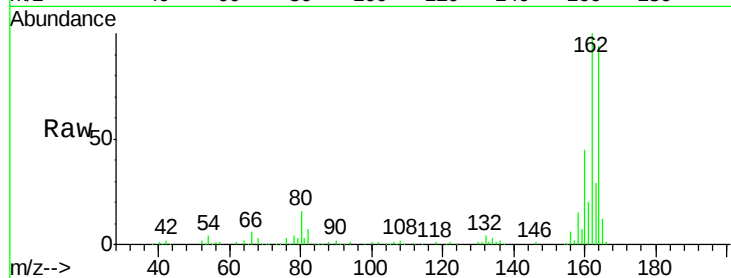




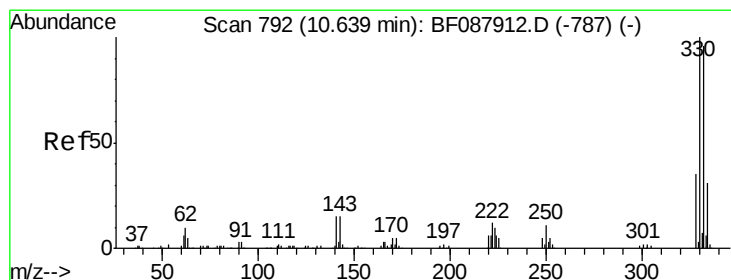
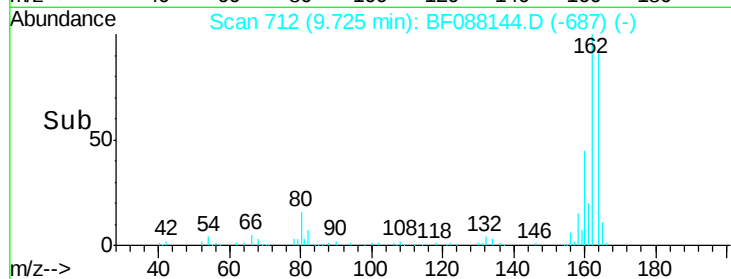
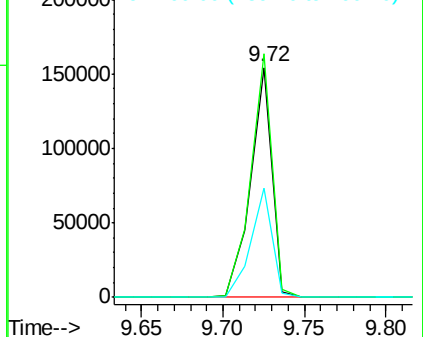
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088144.D
Acq: 18 Jun 2016 20:04

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

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

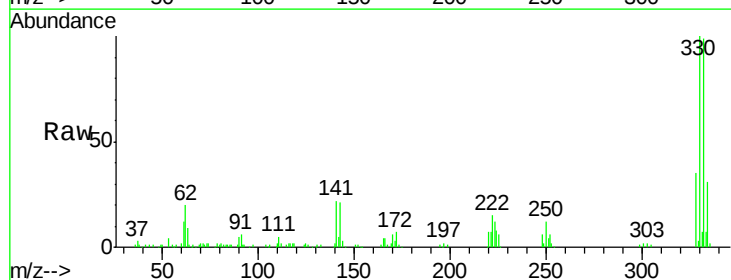


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

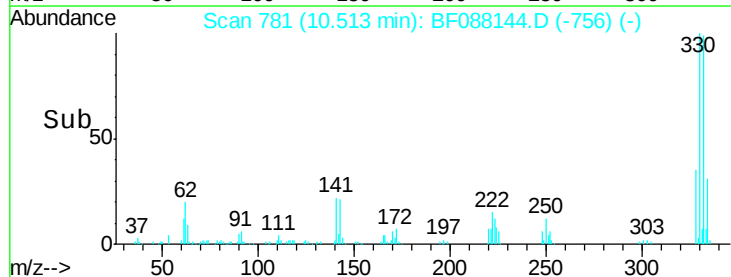
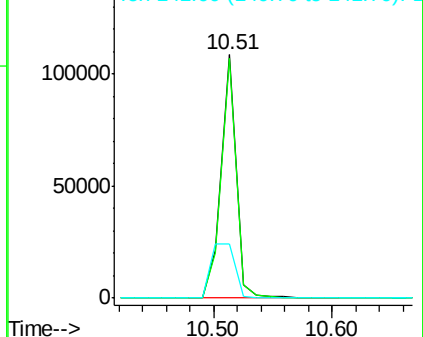


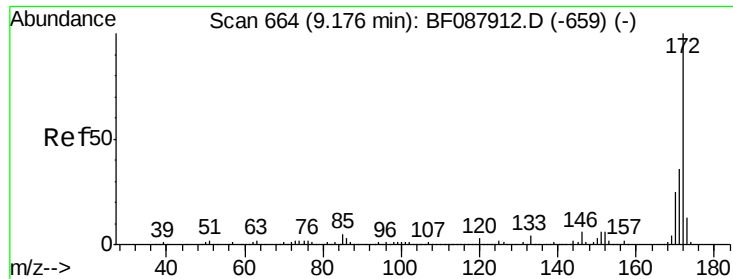
#41
2,4,6-Tribromophenol
Concen: 64.47 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088144.D
Acq: 18 Jun 2016 20:04

Tgt Ion:330 Resp: 95224
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

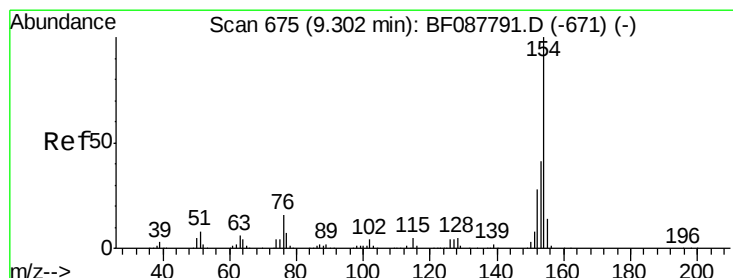
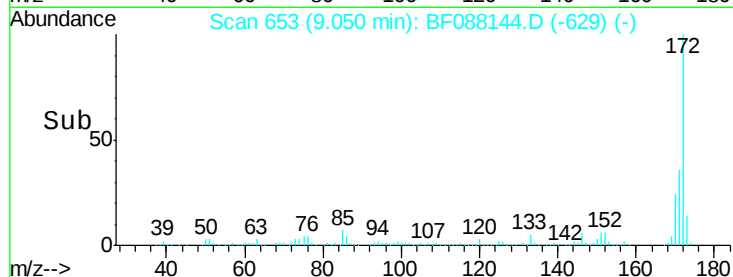
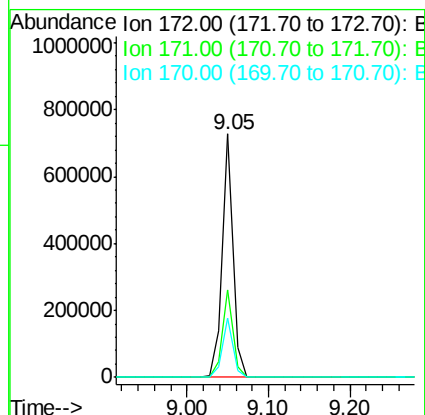
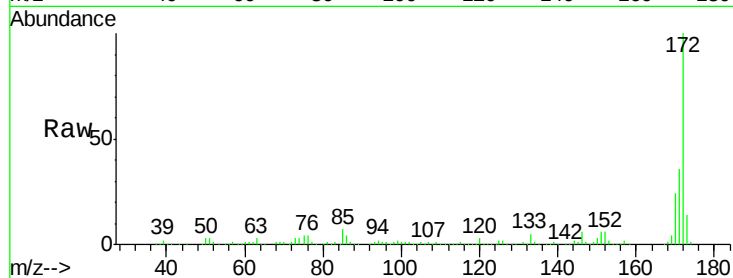




#44
 2-Fluorobiphenyl
 Concen: 73.77 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

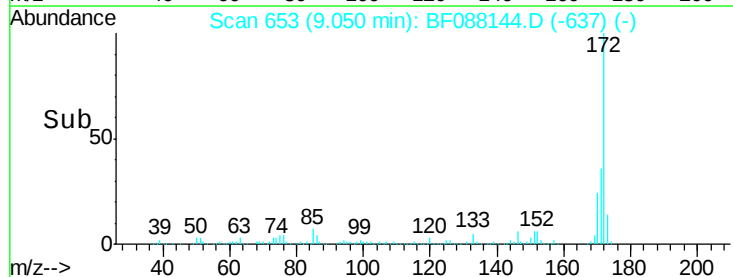
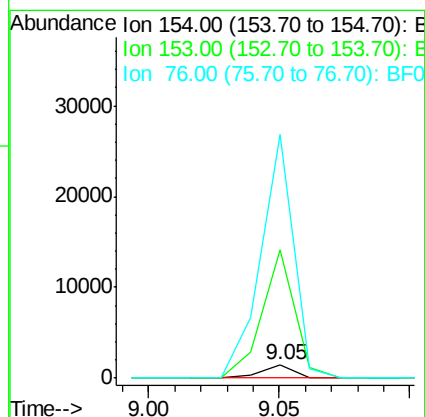
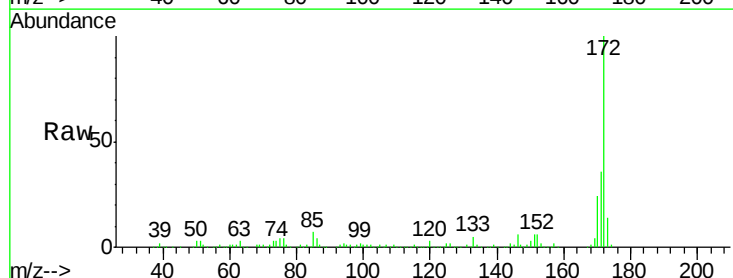
Instrument :
 BNA_F
 ClientSampleId :
 08-B4(0-6)C

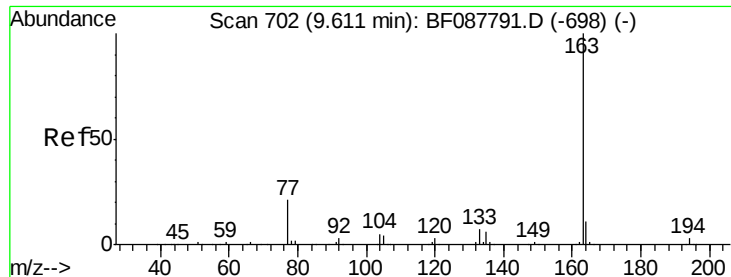
Tgt Ion:172 Resp: 663412
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.2 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.11 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

Tgt Ion:154 Resp: 1223
 Ion Ratio Lower Upper
 154 100
 153 959.9 20.6 60.6#
 76 1819.8 0.0 35.1#





#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

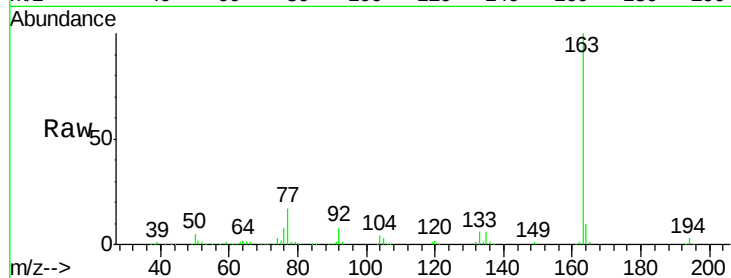
Tgt Ion:163 Resp: 294791

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

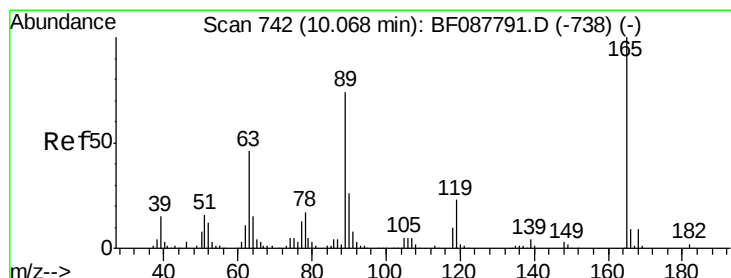
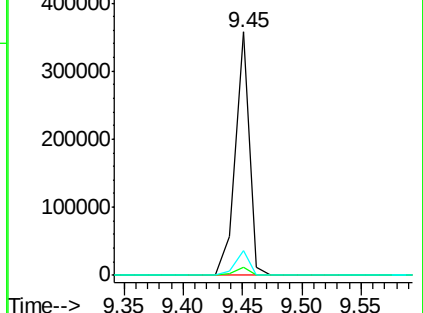
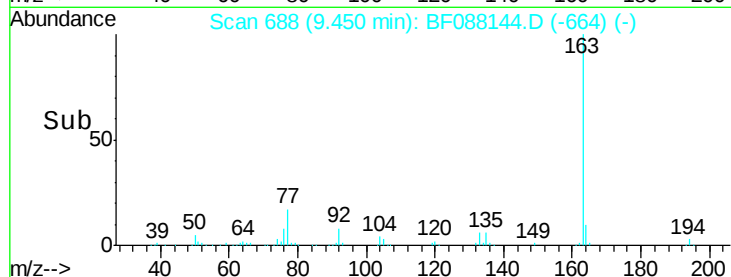
164 10.0 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 5.94 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088144.D

Acq: 18 Jun 2016 20:04

Tgt Ion:165 Resp: 17707

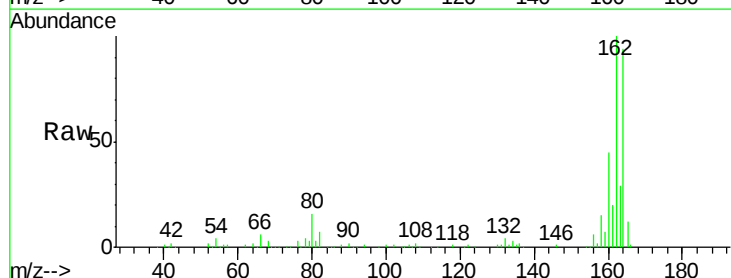
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

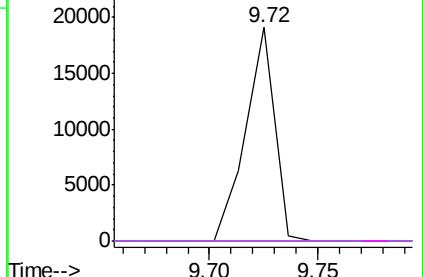
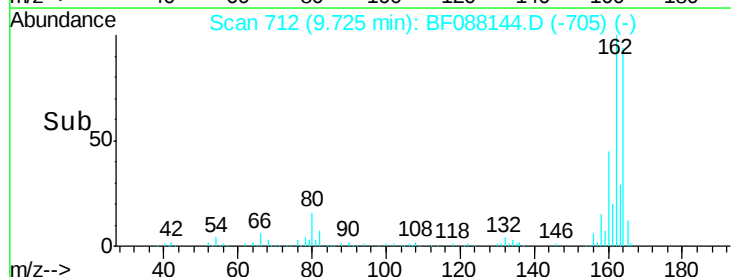


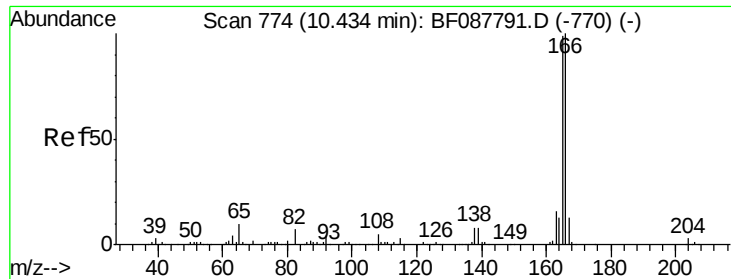
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

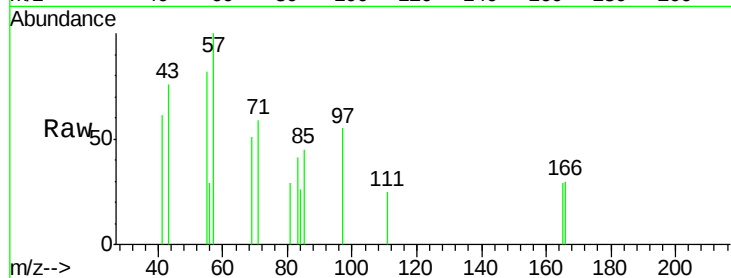




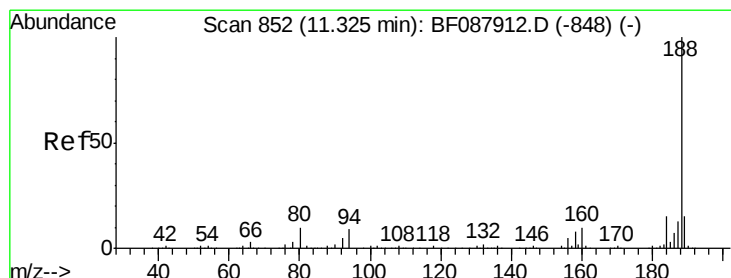
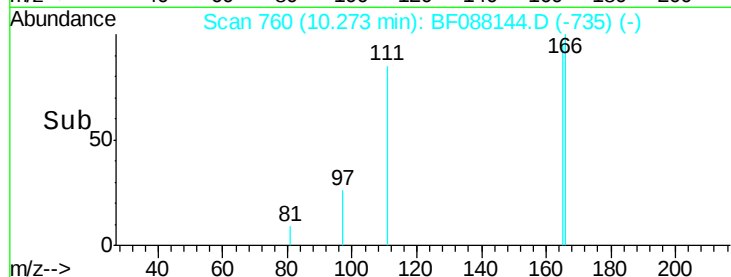
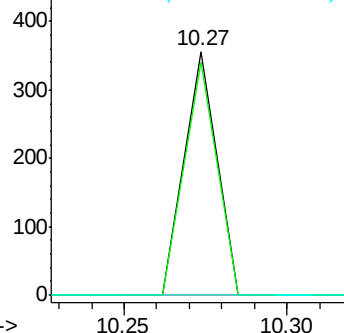
#57
 Fluorene
 Concen: Below Cal
 RT: 10.27 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

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

Tgt Ion:166 Resp: 244
 Ion Ratio Lower Upper
 166 100
 165 95.5 77.8 116.8
 167 0.0 11.2 16.8#

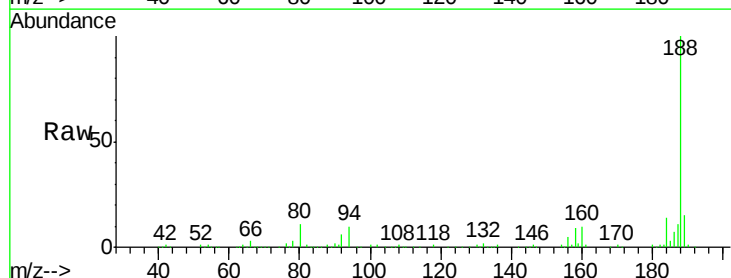


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

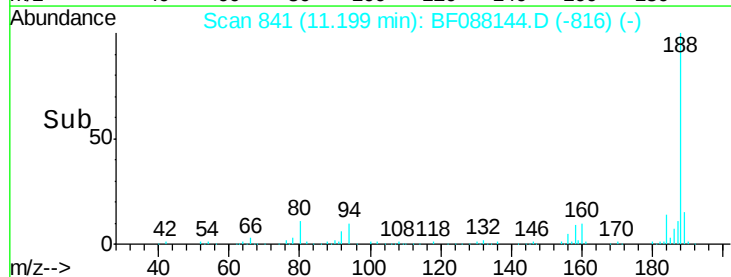
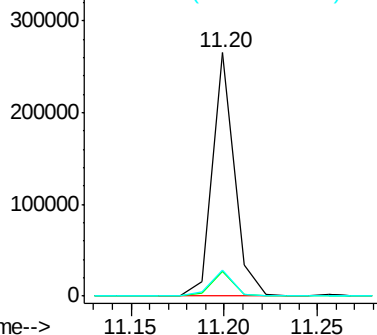


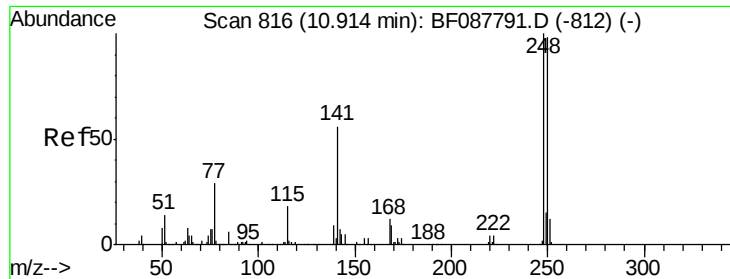
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

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

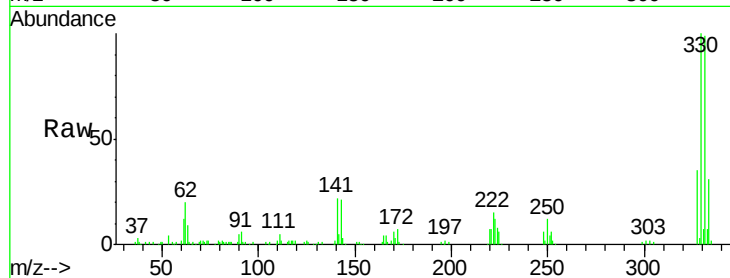




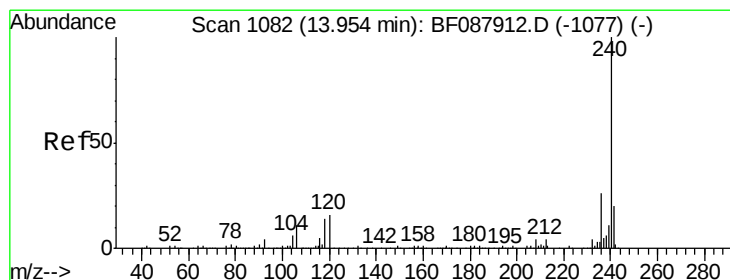
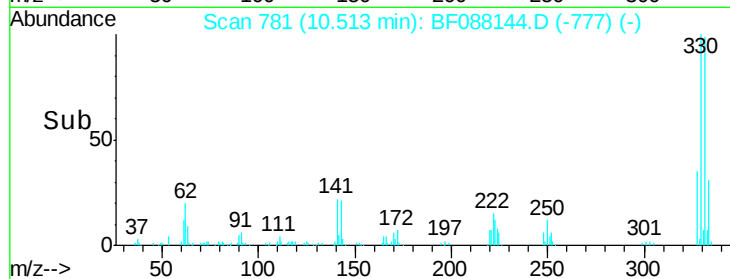
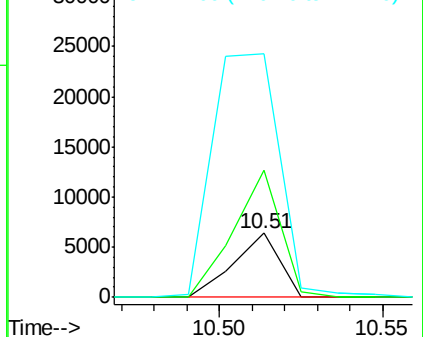
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088144.D
Acq: 18 Jun 2016 20:04

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

Tgt Ion:248 Resp: 6174
Ion Ratio Lower Upper
248 100
250 199.0 77.1 115.7#
141 380.0 50.6 76.0#

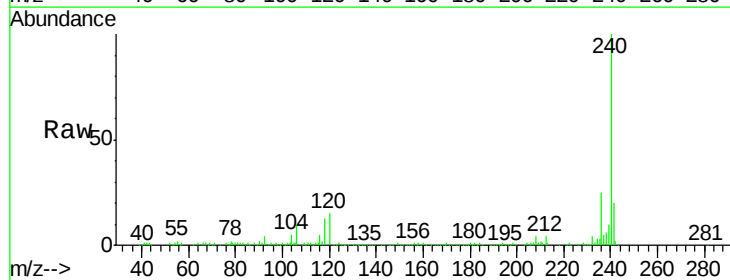


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

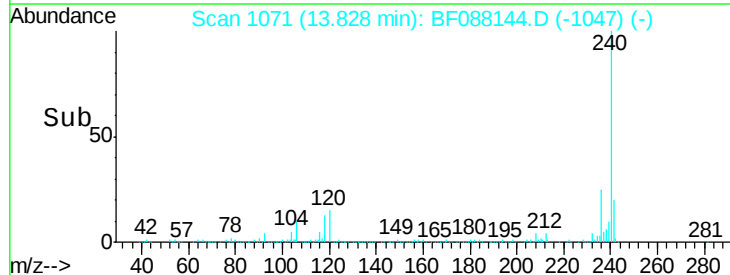
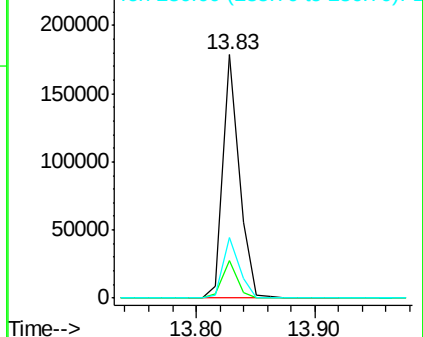


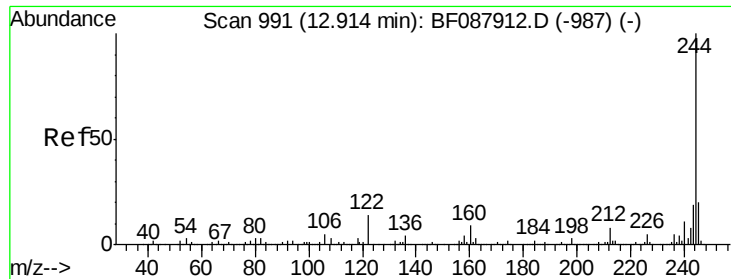
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088144.D
Acq: 18 Jun 2016 20:04

Tgt 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

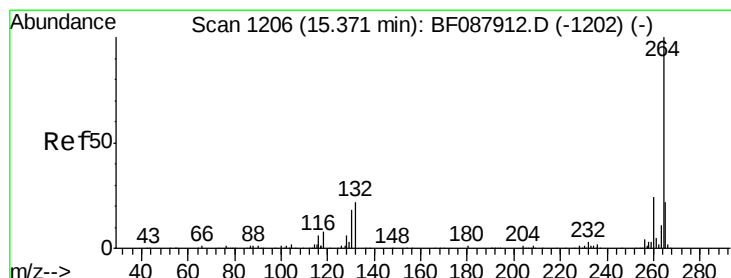
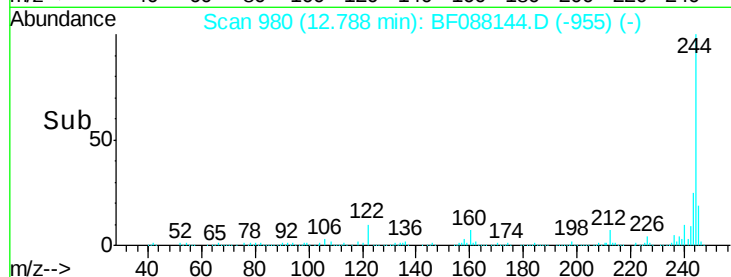
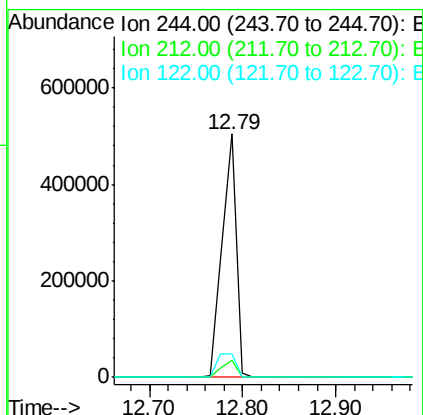
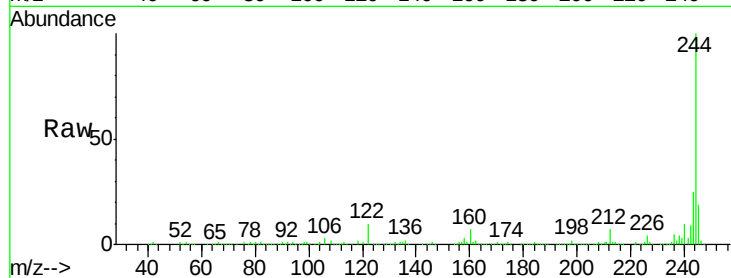




#78
 Terphenyl-d14
 Concen: 70.47 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088144.D
 Acq: 18 Jun 2016 20:04

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

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#



#86
 Perylene-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

Tgt Ion:264 Resp: 132326
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 16.9 25.3

