

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088130.D
 Acq On : 18 Jun 2016 13:19
 Operator : UM/SJ
 Sample : H3501-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS3-0-6

Quant Time: Jun 19 07:42:55 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

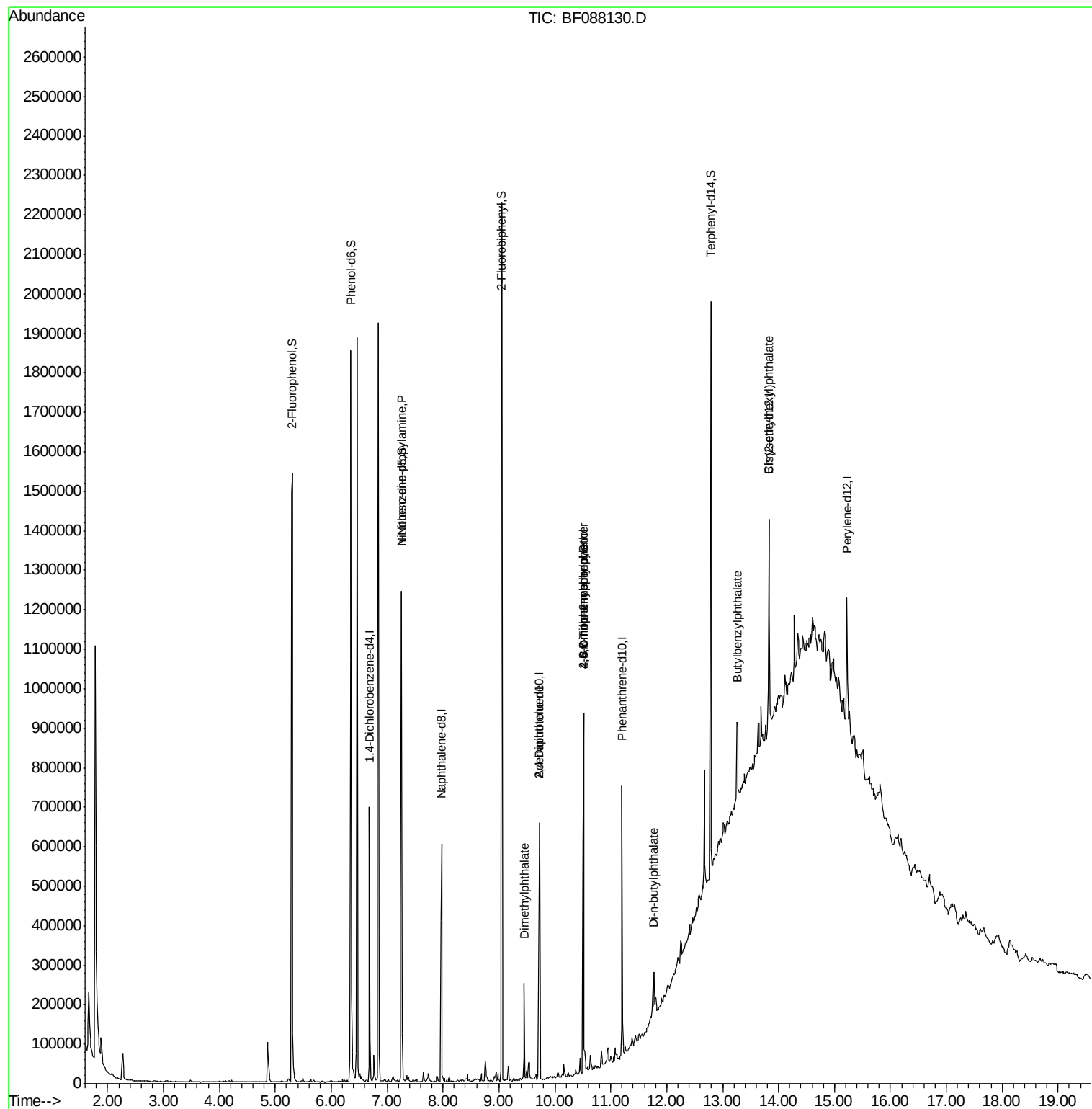
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101099	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	367552	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	149265	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	229433	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	166679	20.00	ng	-0.02
86) Perylene-d12	15.22	264	140258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	722429	122.16	ng	0.02
7) Phenol-d6	6.35	99	809232	112.91	ng	0.00
23) Nitrobenzene-d5	7.26	82	437522	69.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	137503	87.24	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	710184	74.03	ng	-0.02
78) Terphenyl-d14	12.79	244	507769	69.32	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	8142	Below Cal	#	56
19) n-Nitroso-di-n-propylamine	7.26	70	57593	12.56	ng	# 71
45) 1,1'-Biphenyl	9.15	154	444	Below Cal	#	43
49) Dimethylphthalate	9.45	163	102082	9.44	ng	99
56) 2,4-Dinitrotoluene	9.72	165	19143	6.02	ng	# 37
57) Fluorene	10.27	166	446	Below Cal	#	50
64) 4,6-Dinitro-2-methylphenol	10.51	198	228	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.51	248	9083	3.69	ng	# 1
73) Di-n-butylphthalate	11.77	149	54015	3.75	ng	99
79) Butylbenzylphthalate	13.27	149	80091	14.65	ng	94
83) Bis(2-ethylhexyl)phthalate	13.83	149	98691	14.83	ng	# 98

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

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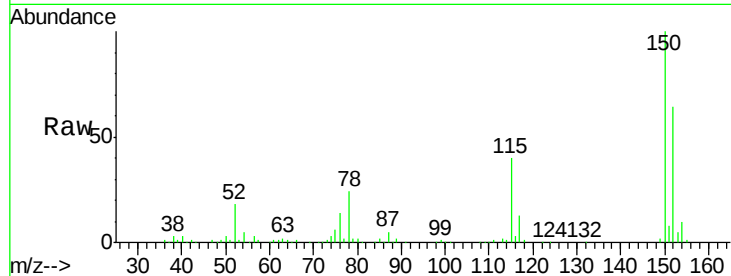


#1

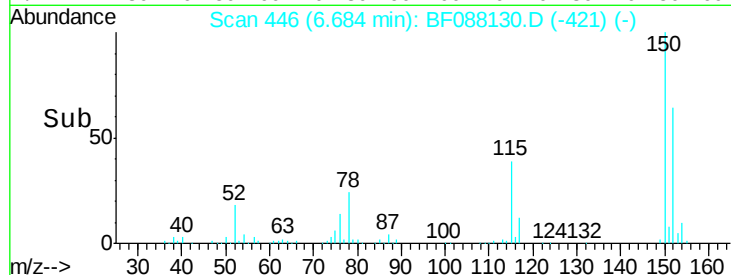
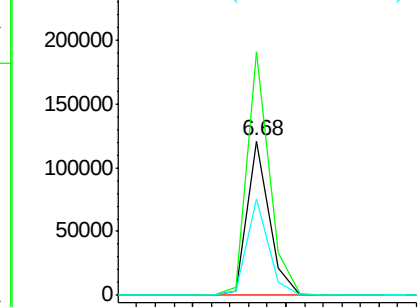
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088130.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SS3-0-6

Tgt Ion:152 Resp: 101099
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 62.6 39.6 59.4#



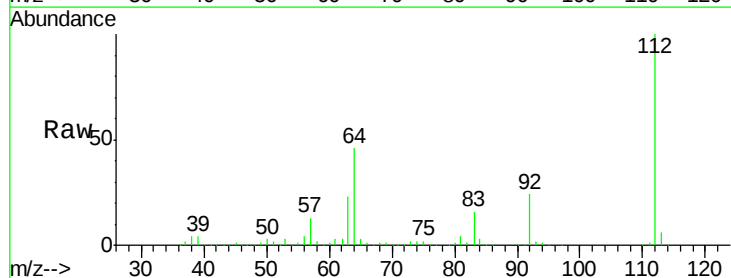
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



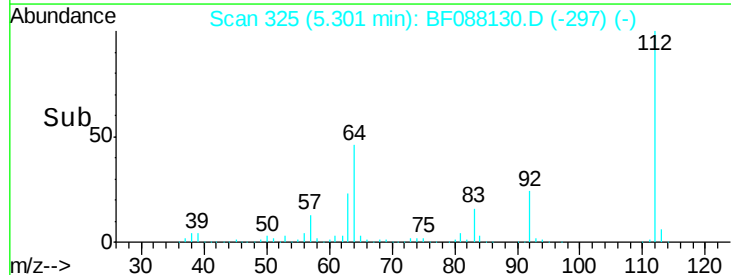
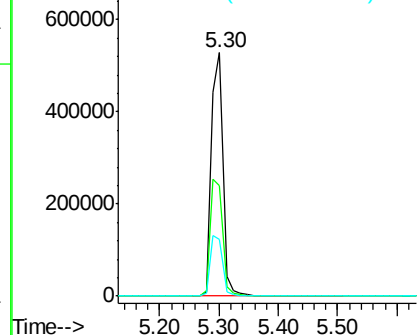
#5

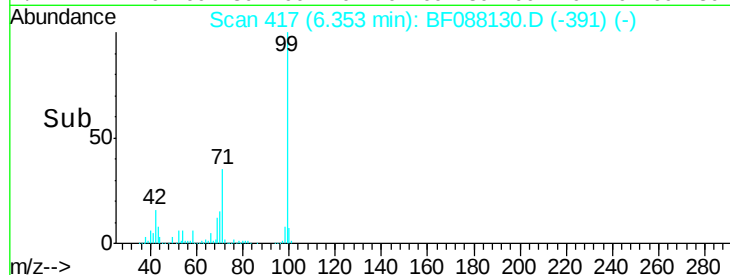
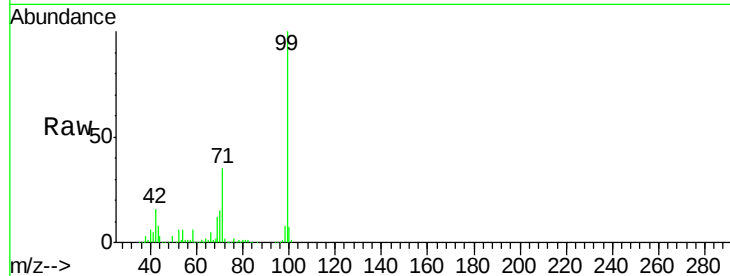
2-Fluorophenol
Concen: 122.16 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088130.D
Acq: 18 Jun 2016 13:19

Tgt Ion:112 Resp: 722429
Ion Ratio Lower Upper
112 100
64 45.5 42.2 63.2
63 23.3 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: 112.91 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

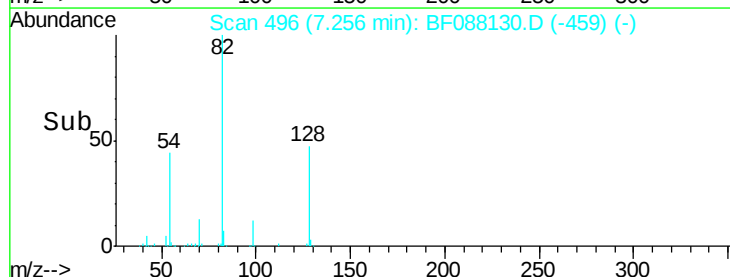
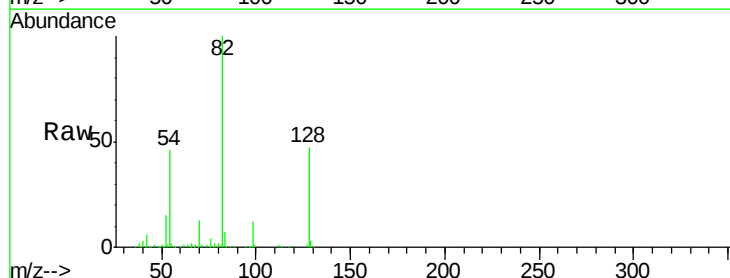
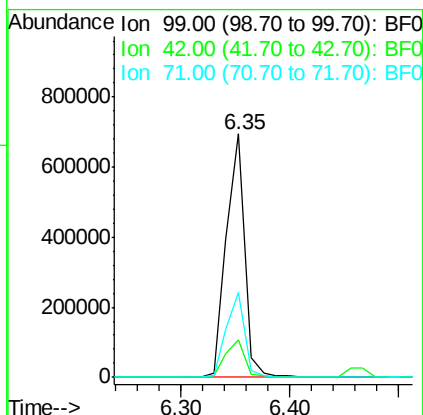
Tgt Ion: 99 Resp: 809232

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

71 34.6 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.56 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.13 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Tgt Ion: 70 Resp: 57593

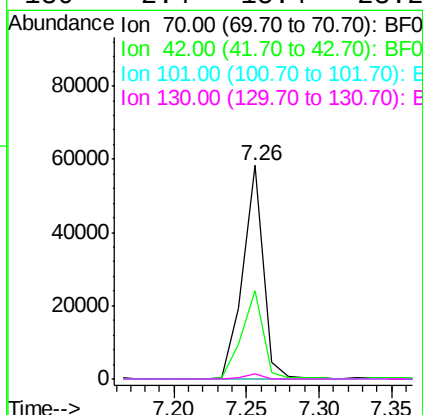
Ion Ratio Lower Upper

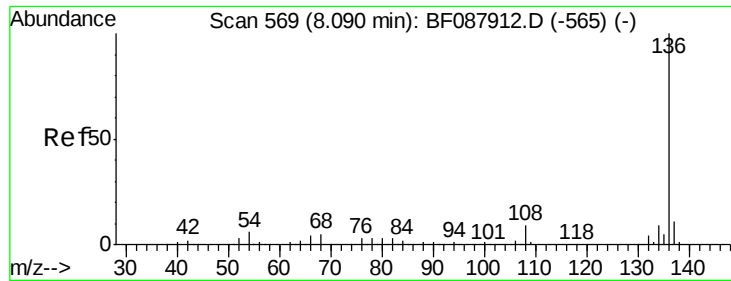
70 100

42 41.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

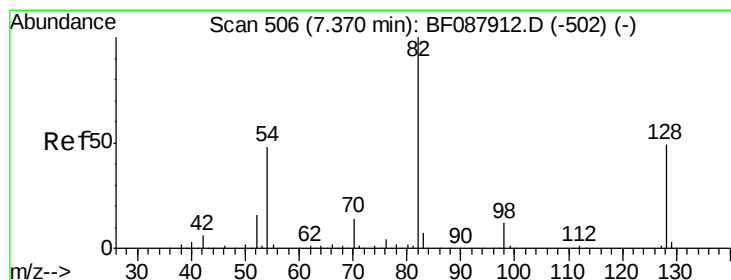
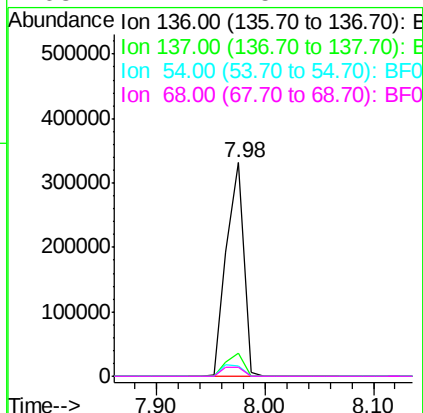
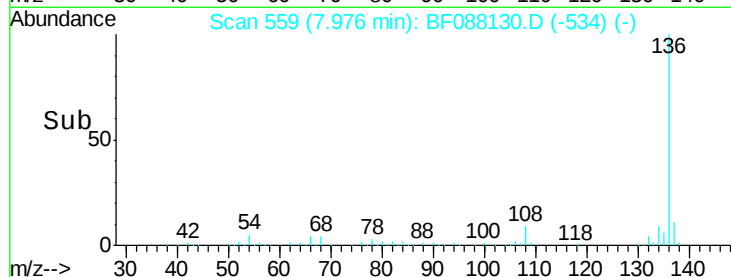
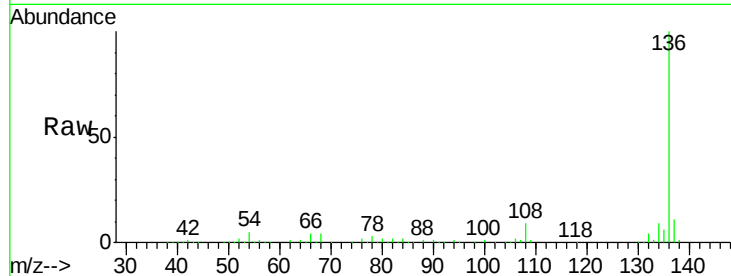




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088130.D
Acq: 18 Jun 2016 13:19

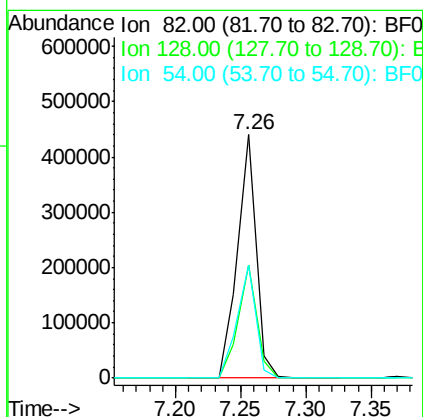
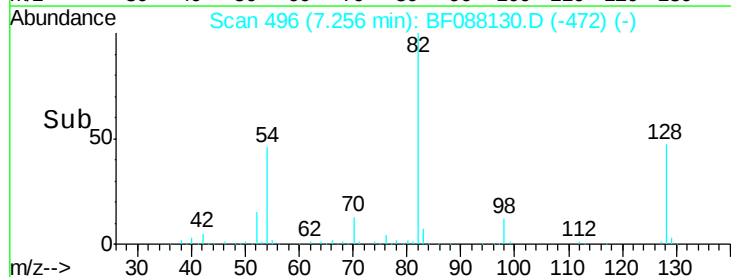
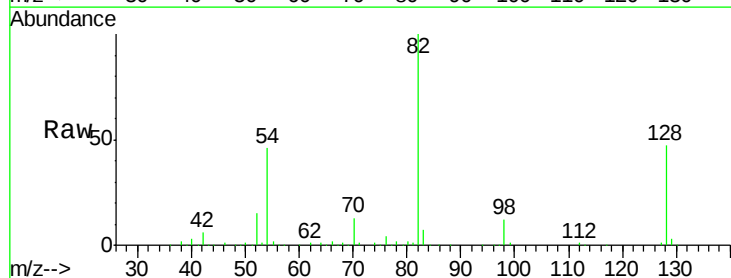
Instrument :
BNA_F
ClientSampleId :
SS3-0-6

Tgt Ion:	136	Resp:	367552
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	4.9	6.6	10.0#
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 69.51 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088130.D
Acq: 18 Jun 2016 13:19

Tgt Ion:	82	Resp:	437522
Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.9	53.9
54	46.4	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: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

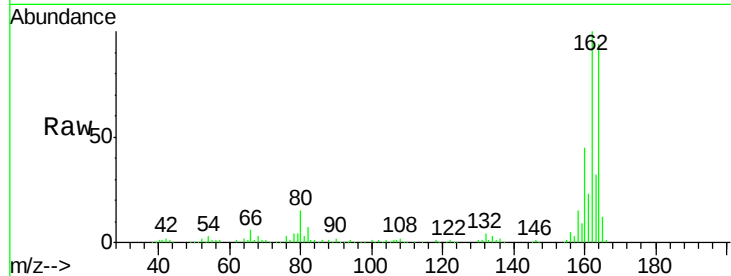
Tgt Ion:164 Resp: 149265

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

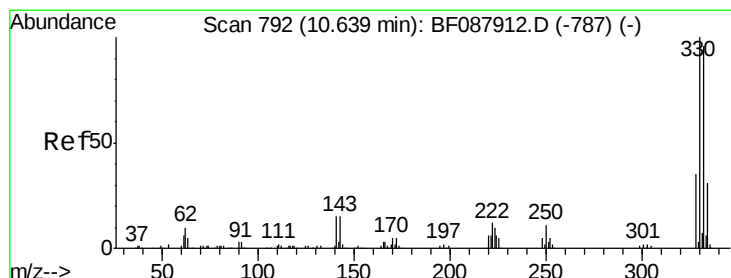
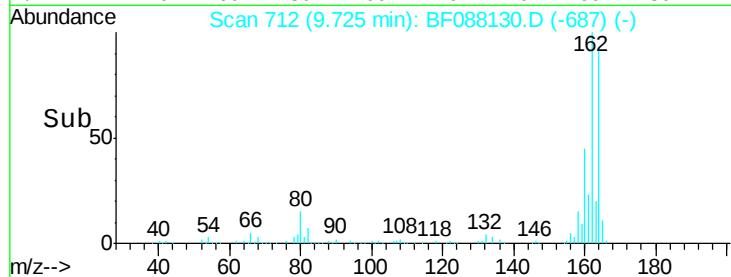
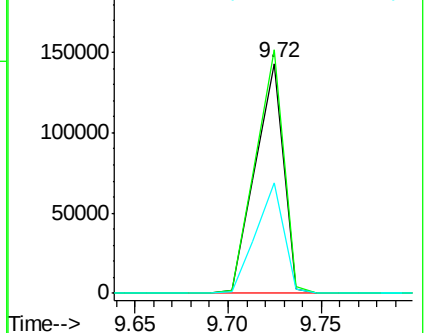
160 47.9 39.5 59.3



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: 87.24 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

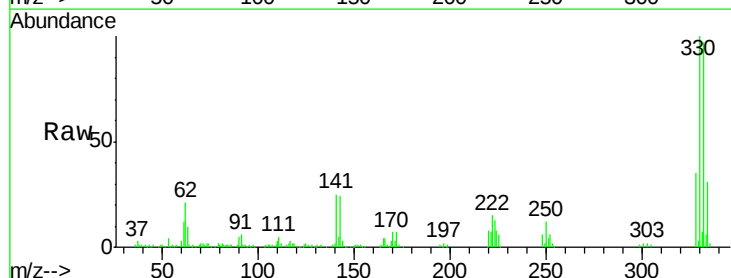
Tgt Ion:330 Resp: 137503

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

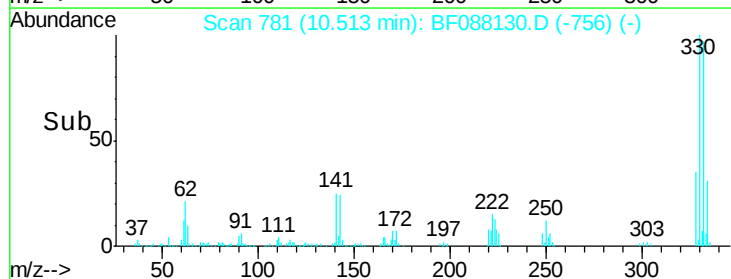
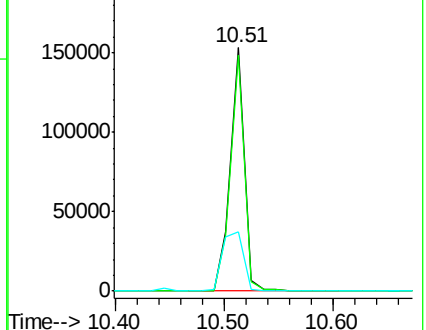
141 37.6 0.0 0.0#

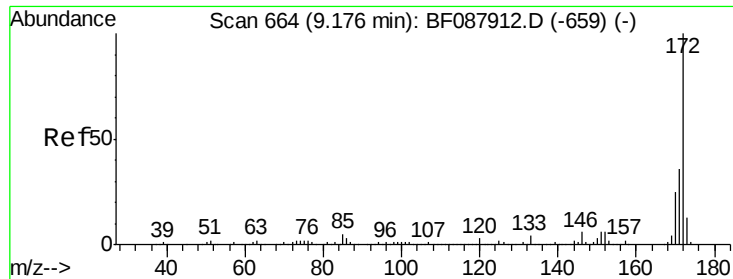


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

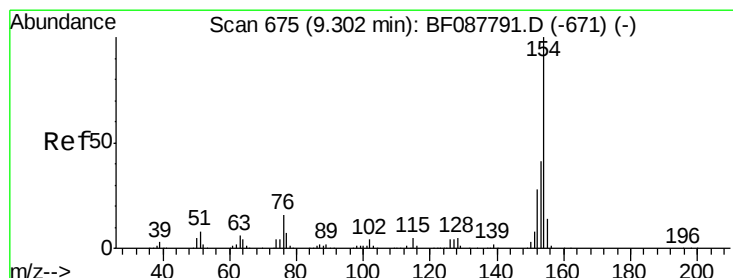
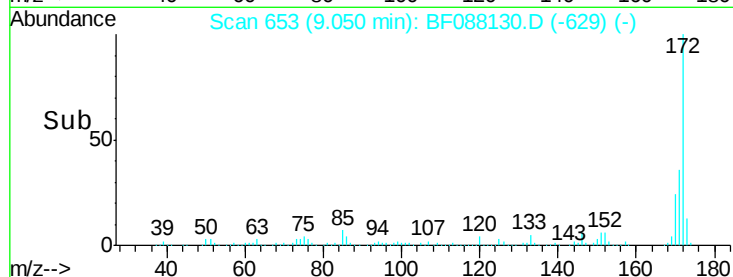
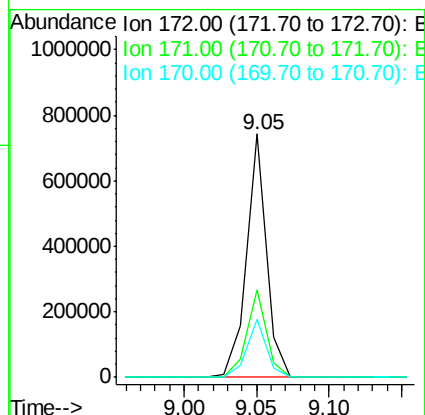
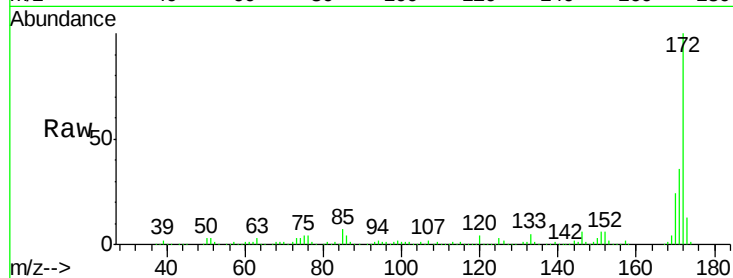




#44
 2-Fluorobiphenyl
 Concen: 74.03 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

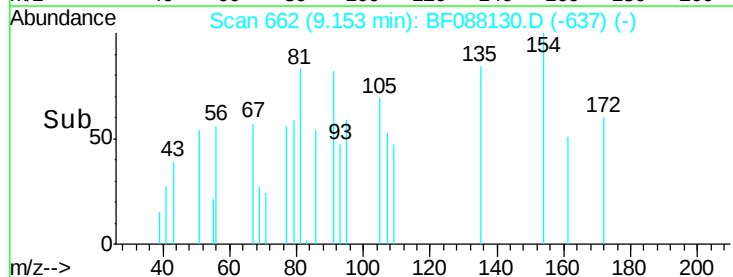
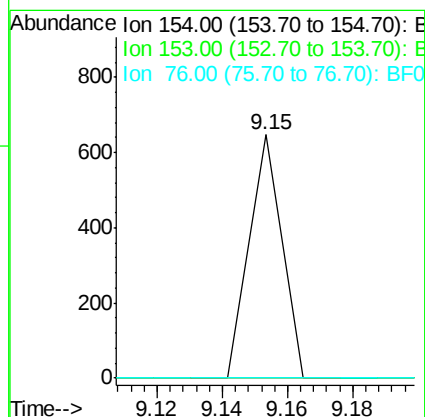
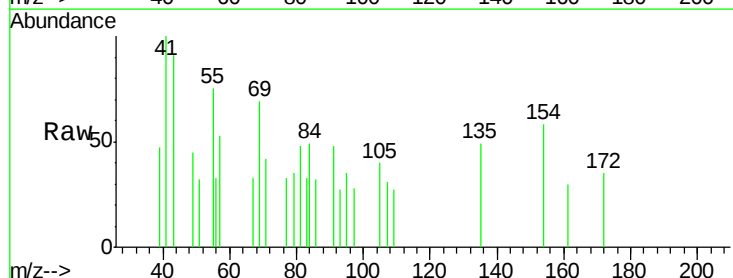
Instrument :
 BNA_F
 ClientSampleId :
 SS3-0-6

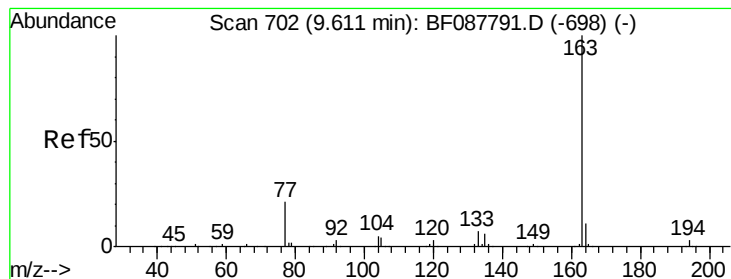
Tgt Ion:172 Resp: 710184
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:154 Resp: 444
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.6 60.6#
 76 0.0 0.0 35.1





#49

Dimethylphthalate

Concen: 9.44 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

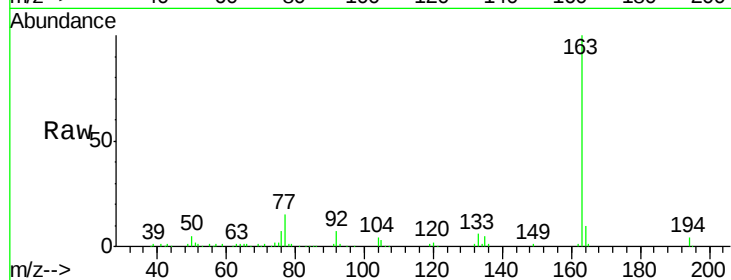
Tgt Ion:163 Resp: 102082

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

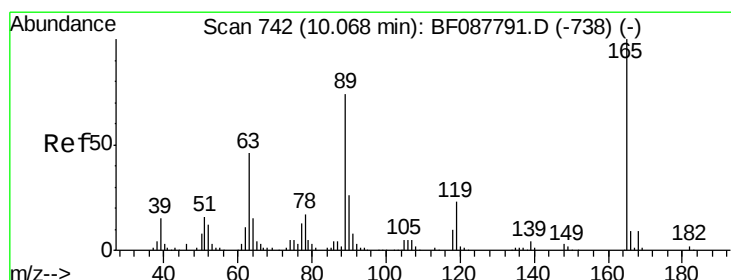
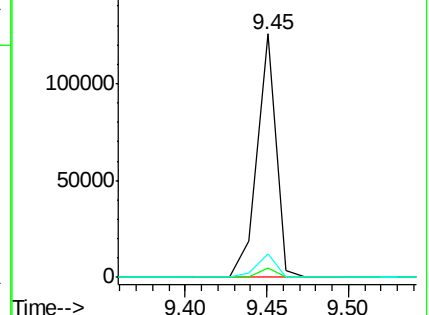
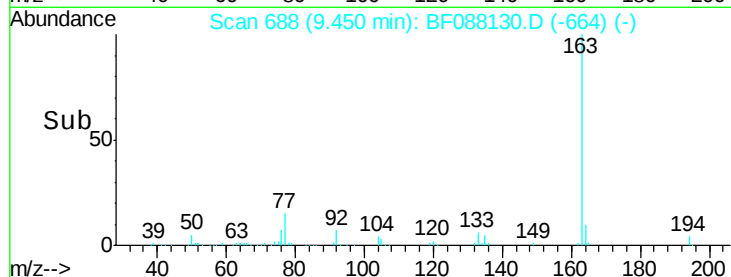
164 9.8 8.3 12.5



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: 6.02 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Tgt Ion:165 Resp: 19143

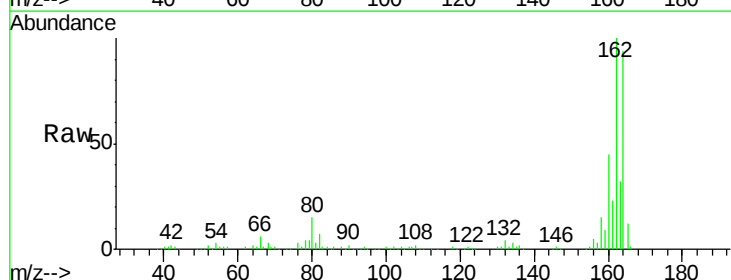
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

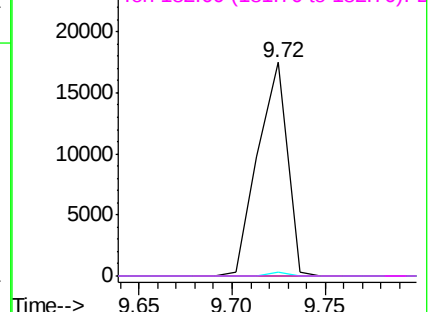
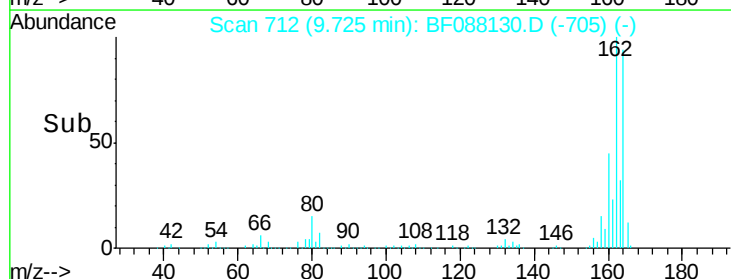


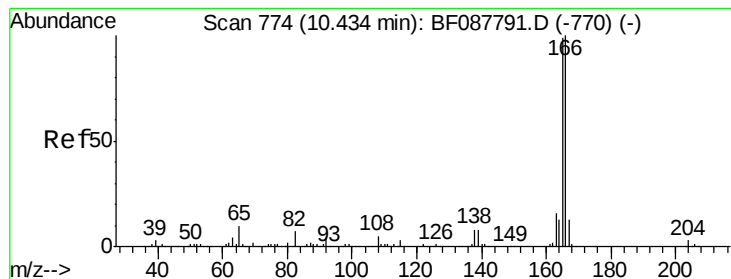
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampled :

SS3-0-6

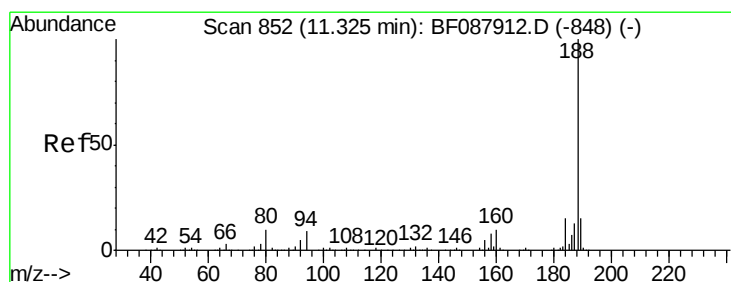
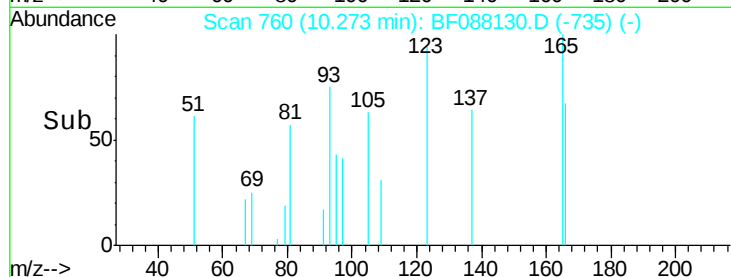
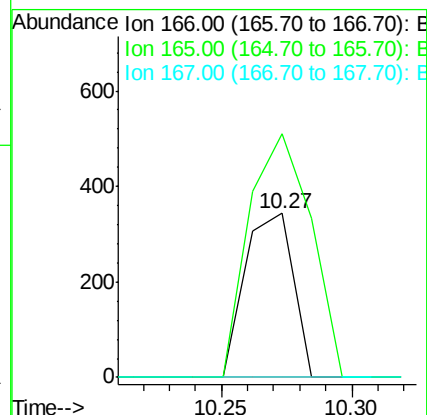
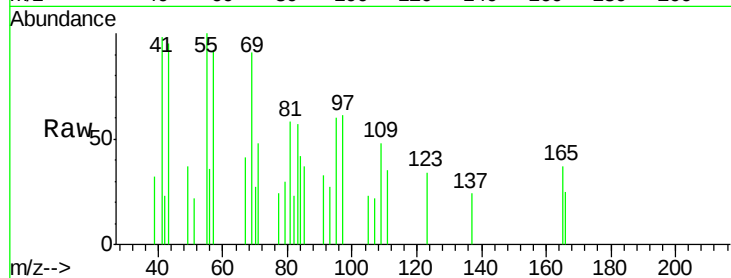
Tgt Ion:166 Resp: 446

Ion Ratio Lower Upper

166 100

165 148.3 77.8 116.8#

167 0.0 11.2 16.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

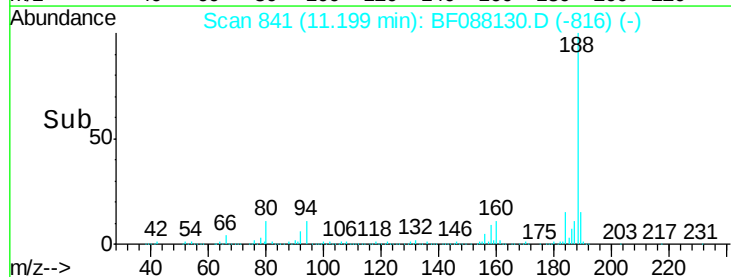
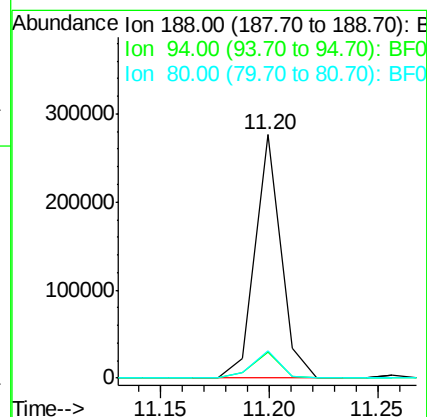
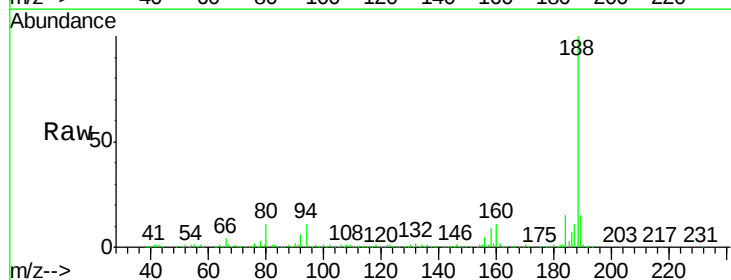
Tgt Ion:188 Resp: 229433

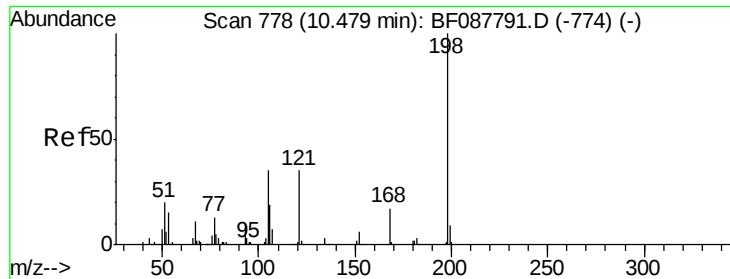
Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

80 11.1 10.0 15.0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.31 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.16 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampled :

SS3-0-6

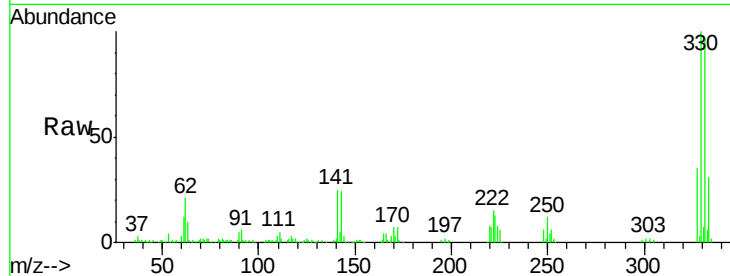
Tgt Ion:198 Resp: 228

Ion Ratio Lower Upper

198 100

51 178.0 39.6 79.6#

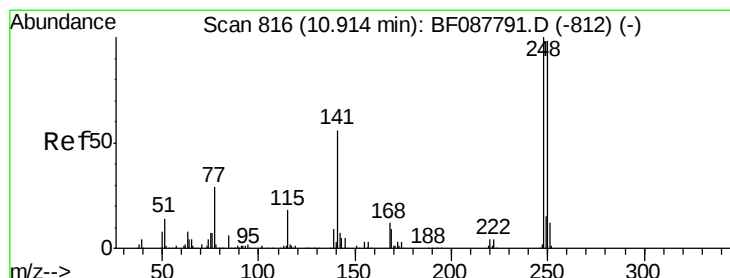
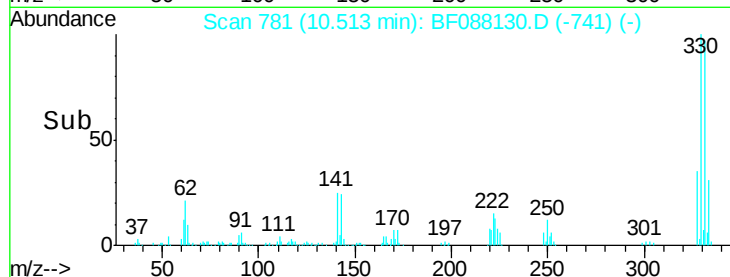
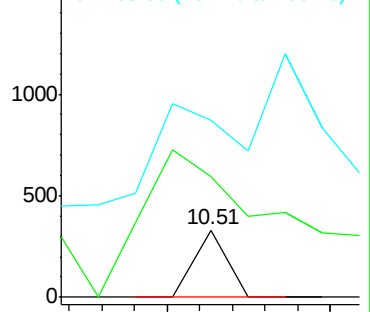
105 262.7 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.69 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.25 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

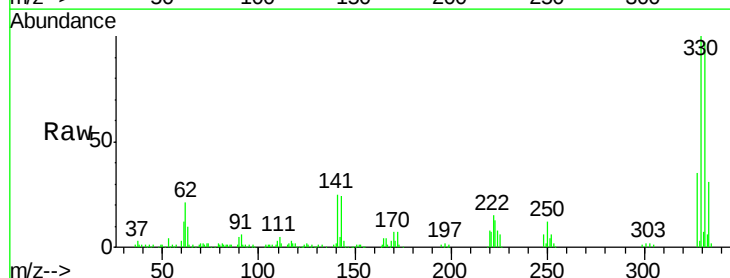
Tgt Ion:248 Resp: 9083

Ion Ratio Lower Upper

248 100

250 198.3 77.1 115.7#

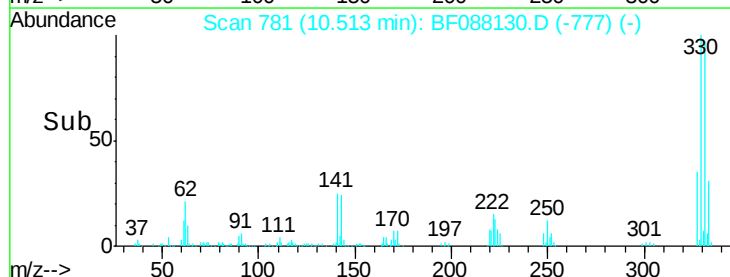
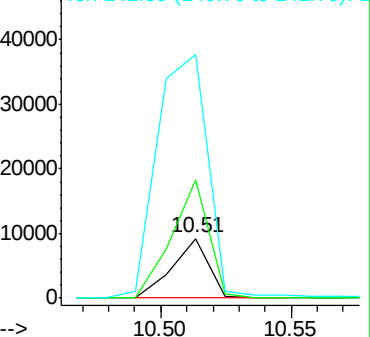
141 408.4 50.6 76.0#

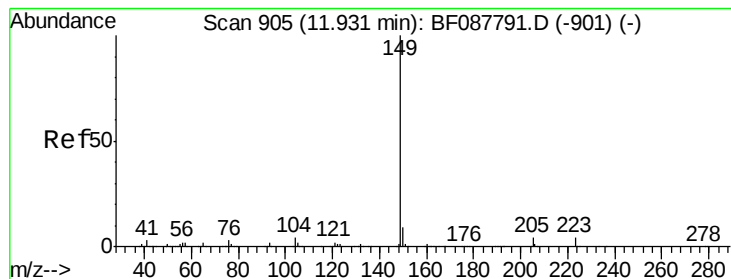


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 3.75 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

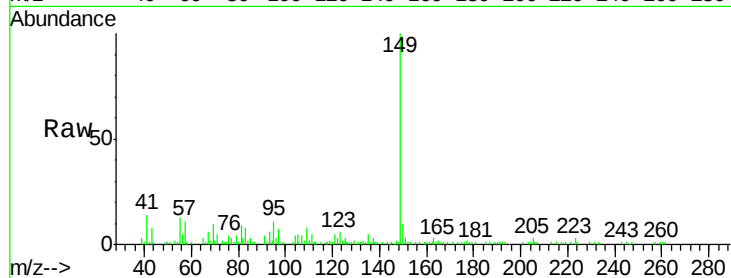
Tgt Ion:149 Resp: 54015

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

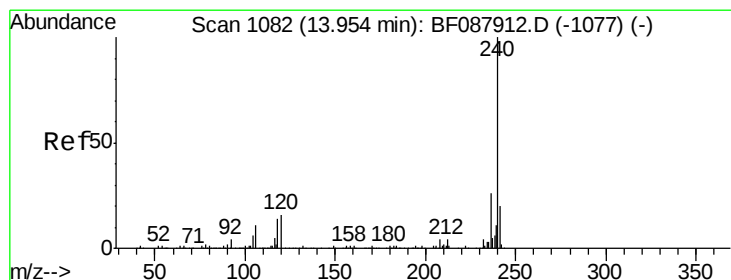
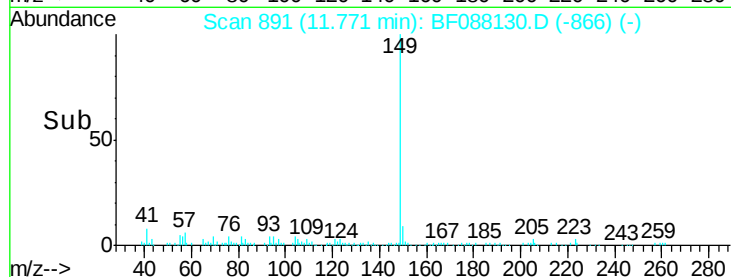
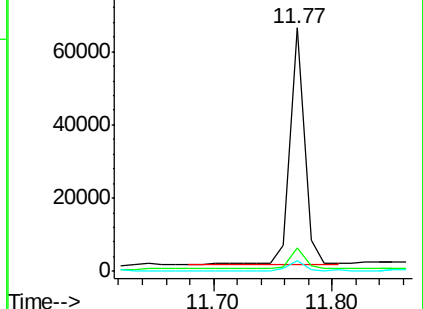
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

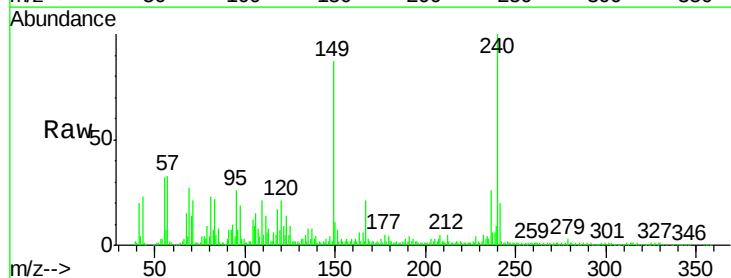
Tgt Ion:240 Resp: 166679

Ion Ratio Lower Upper

240 100

120 21.1 6.8 10.2#

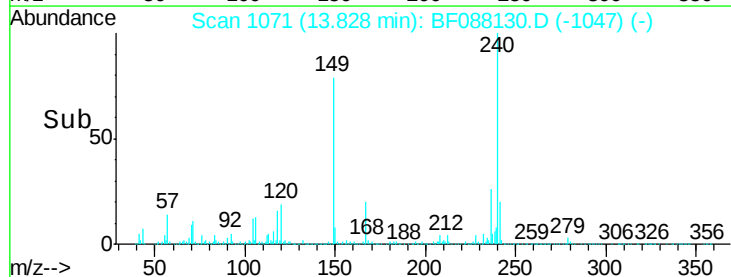
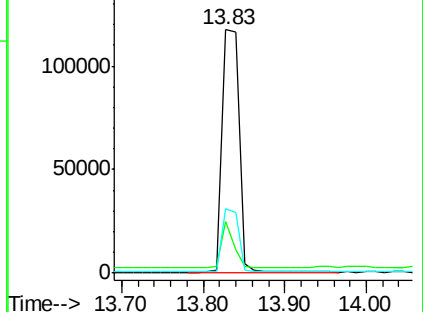
236 26.3 20.2 30.2

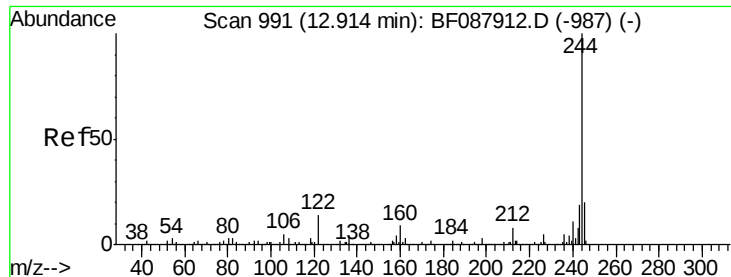


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.32 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

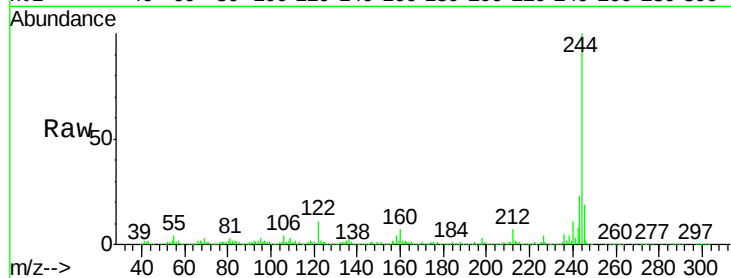
Tgt Ion:244 Resp: 507769

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

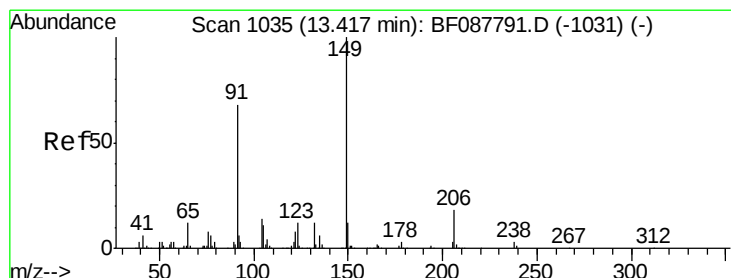
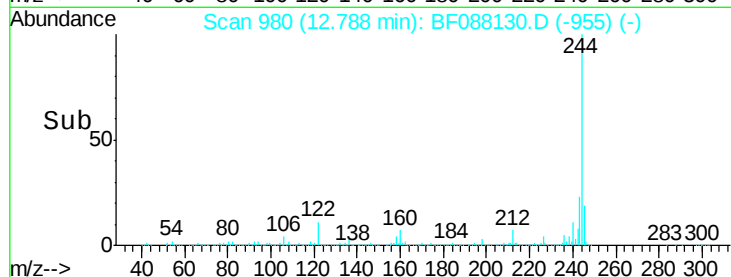
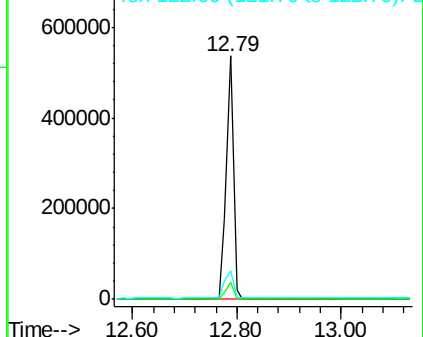
122 11.5 11.2 16.8



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



#79

Butylbenzylphthalate

Concen: 14.65 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

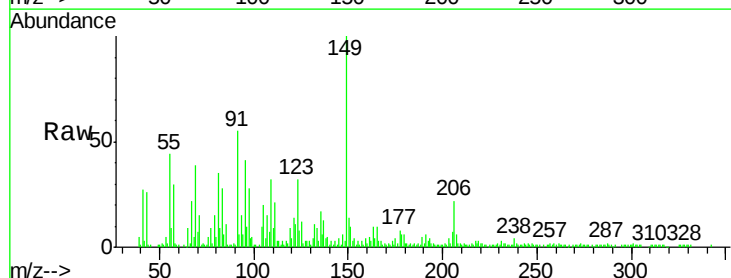
Tgt Ion:149 Resp: 80091

Ion Ratio Lower Upper

149 100

91 54.6 48.0 72.0

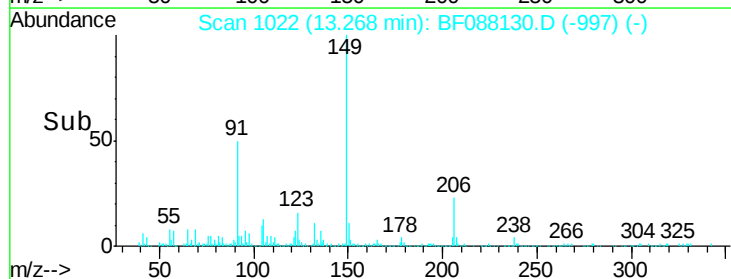
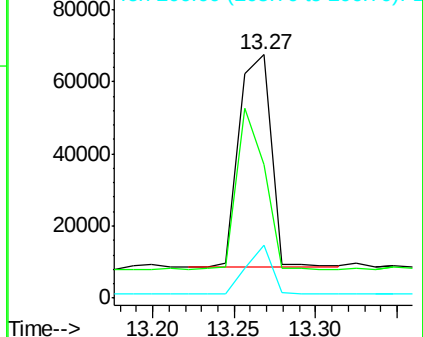
206 21.9 16.0 24.0

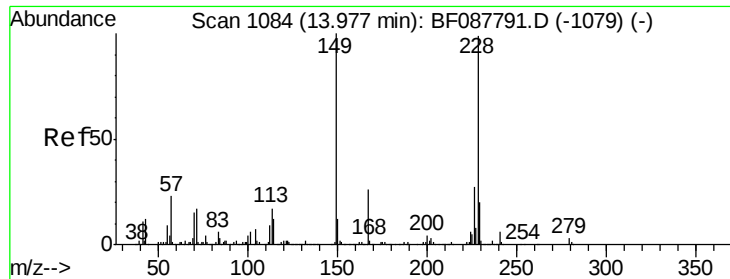


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

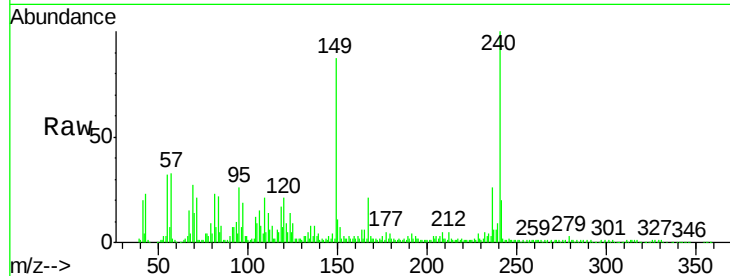




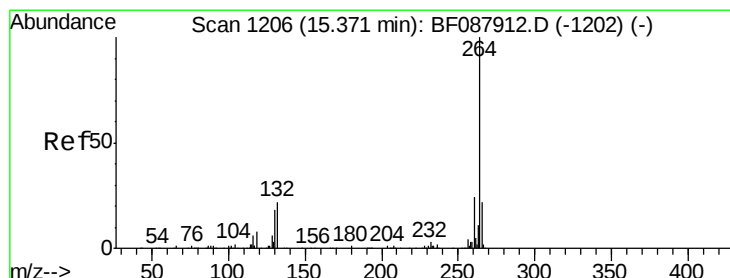
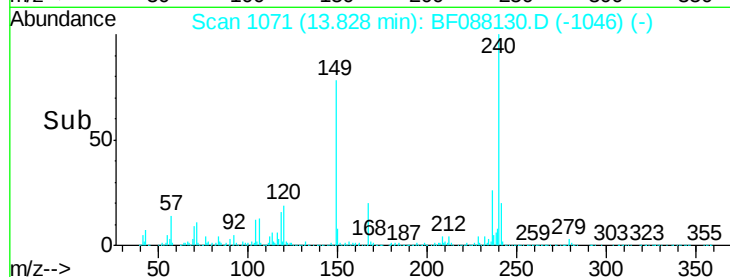
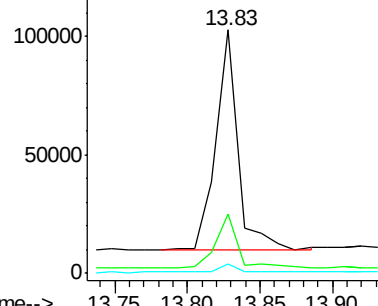
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.83 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_F
 ClientSampled :
 SS3-0-6

Tgt Ion:149 Resp: 98691
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.5 30.7
 279 3.7 2.0 3.0#

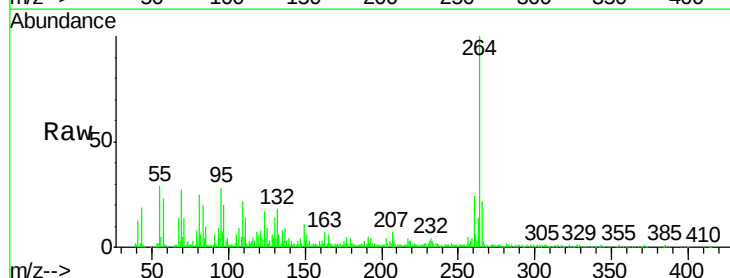


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:264 Resp: 140258
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 16.9 25.3



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

