

Data Path : Z:\HPCHEM1\BNA F\Data\BF102915\
 Data File : BF082576.D
 Acq On : 29 Oct 2015 18:02
 Operator : UM/IZ
 Sample : G4182-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151028-01

Quant Time: Oct 29 19:29:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

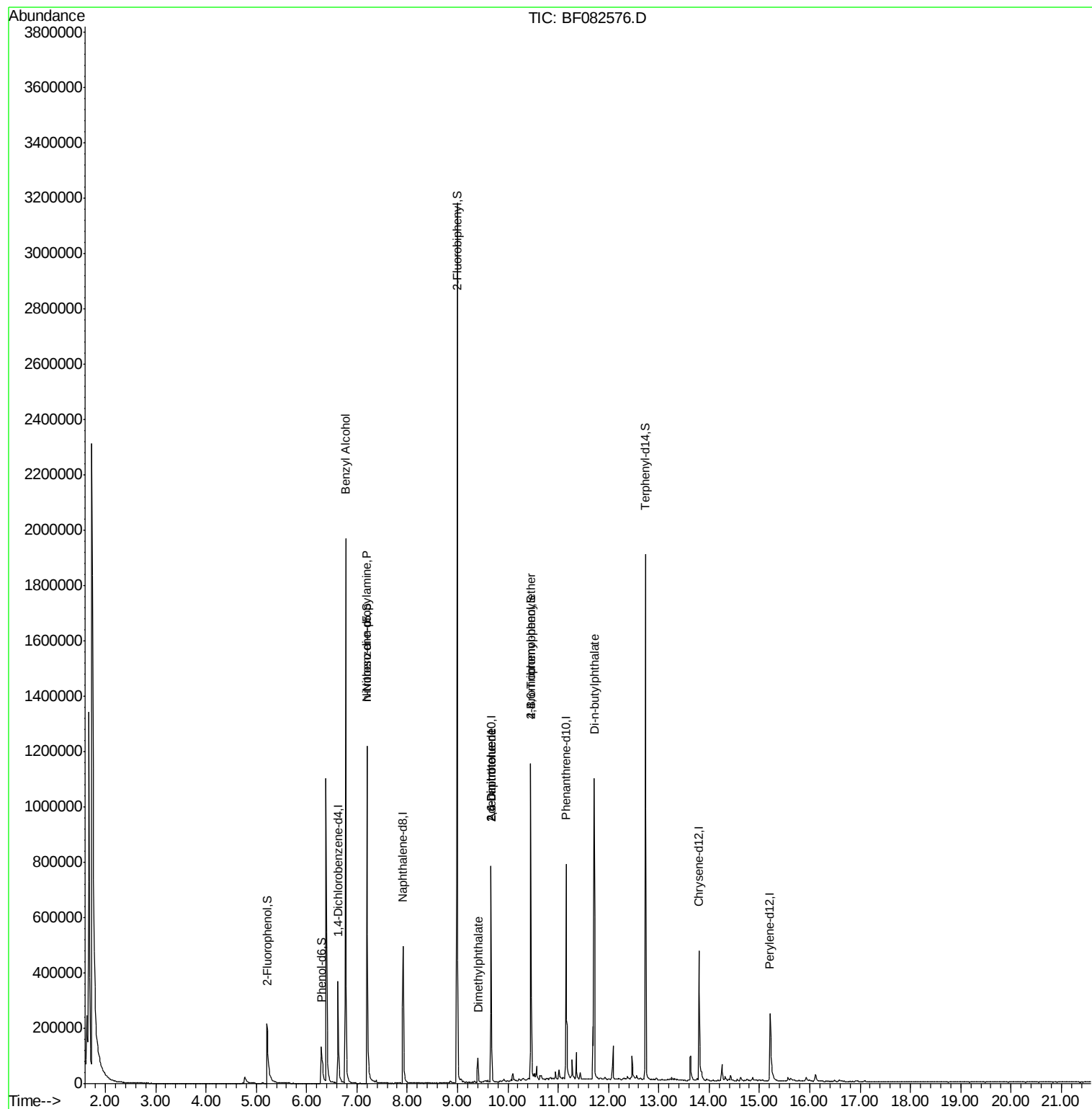
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	83952	20.00	ng	-0.10
21) Naphthalene-d8	7.92	136	343770	20.00	ng	-0.10
38) Acenaphthene-d10	9.67	164	175693	20.00	ng	-0.10
63) Phenanthrene-d10	11.15	188	324954	20.00	ng	-0.10
75) Chrysene-d12	13.79	240	275759	20.00	ng	-0.12
86) Perylene-d12	15.21	264	177332	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	167580	39.41	ng	-0.09
7) Phenol-d6	6.30	99	133174	24.03	ng	-0.08
23) Nitrobenzene-d5	7.20	82	505256	94.82	ng	-0.10
41) 2,4,6-Tribromophenol	10.46	330	129849	98.70	ng	-0.12
44) 2-Fluorobiphenyl	8.99	172	1033324	93.52	ng	-0.10
78) Terphenyl-d14	12.73	244	701265	73.26	ng	-0.12
Target Compounds						
15) Benzyl Alcohol	6.78	79	8562	2.22	ng	# 56
19) n-Nitroso-di-n-propylamine	7.20	70	64735	17.93	ng	# 79
49) Dimethylphthalate	9.40	163	51175	4.19	ng	# 98
50) 2,6-Dinitrotoluene	9.67	165	22164	8.27	ng	# 37
56) 2,4-Dinitrotoluene	9.67	165	22161	6.82	ng	# 10
66) 4-Bromophenyl-phenylether	10.46	248	9772	3.20	ng	# 1
73) Di-n-butylphthalate	11.71	149	693484	39.15	ng	100

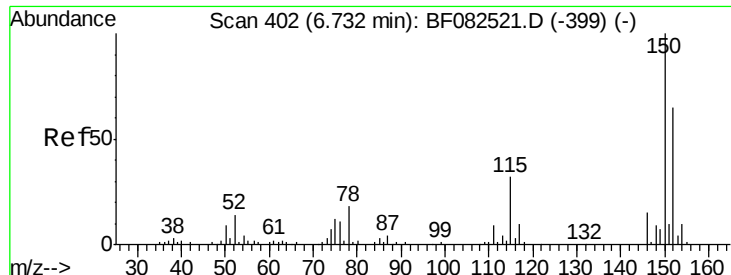
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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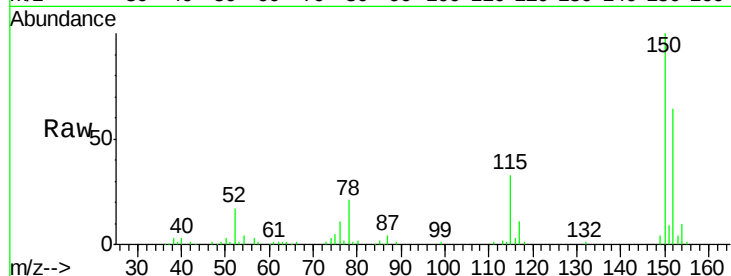




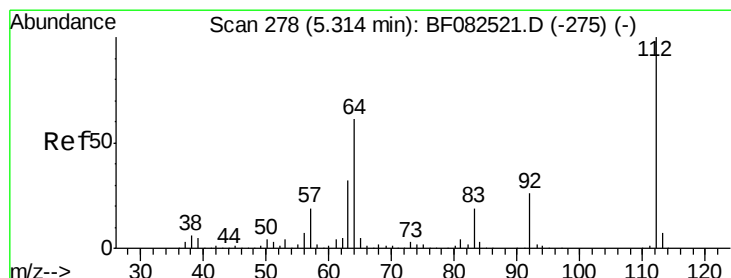
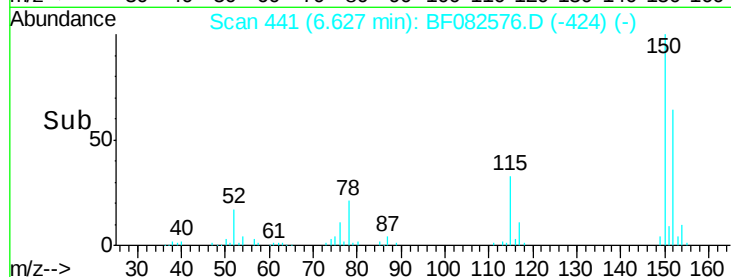
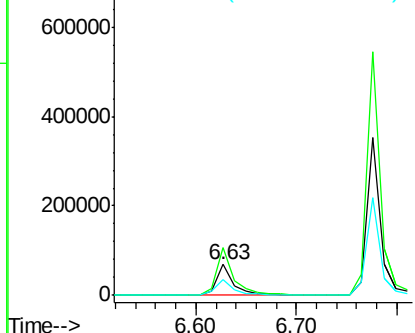
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.10 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151028-01

Tot Ion:152 Resp: 83952
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.4 185.0
 115 51.5 39.0 58.4

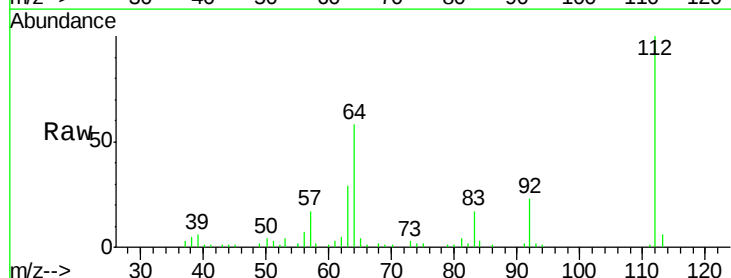


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

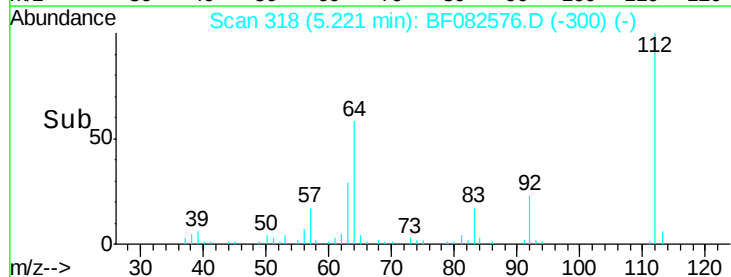
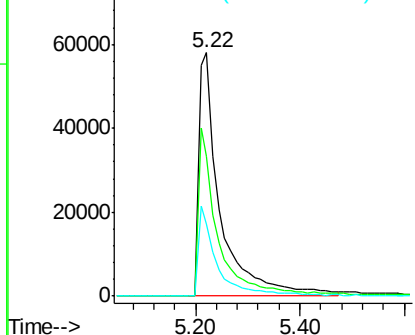


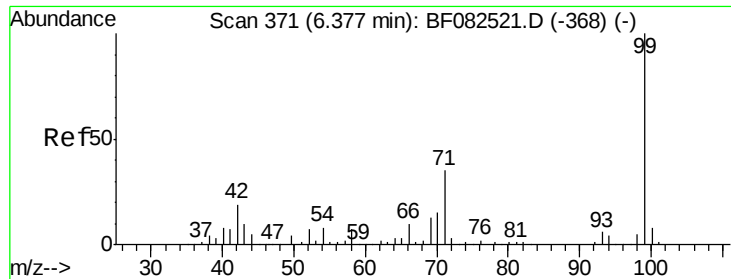
#5
 2-Fluorophenol
 Concen: 39.41 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.09 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Tgt Ion:112 Resp: 167580
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.0 73.4
 63 29.4 25.8 38.6



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: 24.03 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

Instrument :

BNA_F

ClientSampleId :

EFF-151028-01

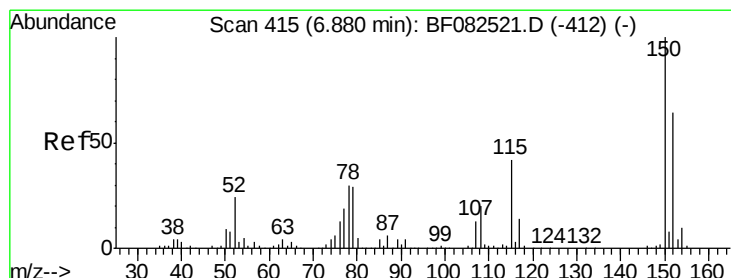
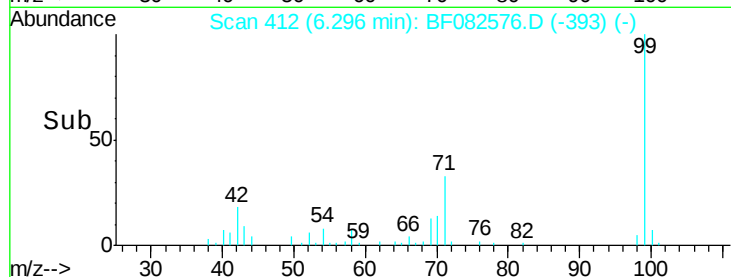
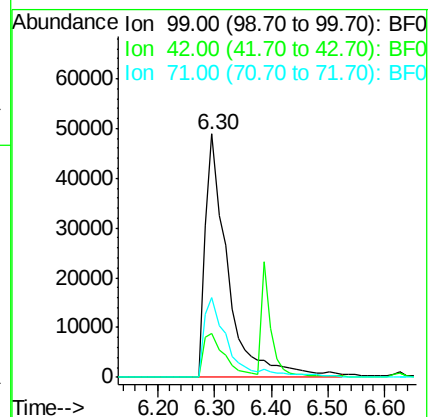
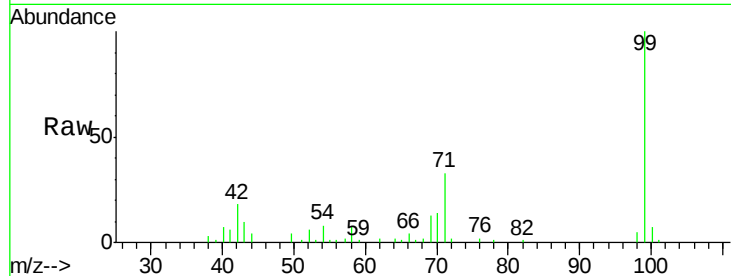
Tot Ion: 99 Resp: 133174

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 32.6 28.2 42.2



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.10 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

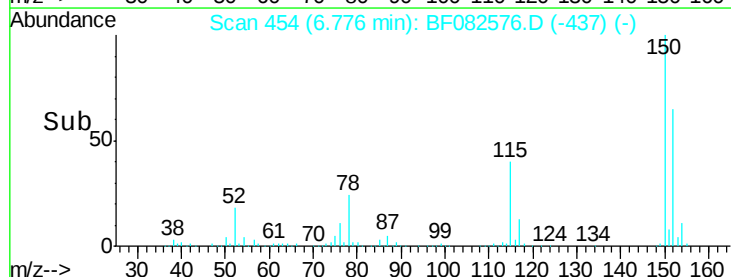
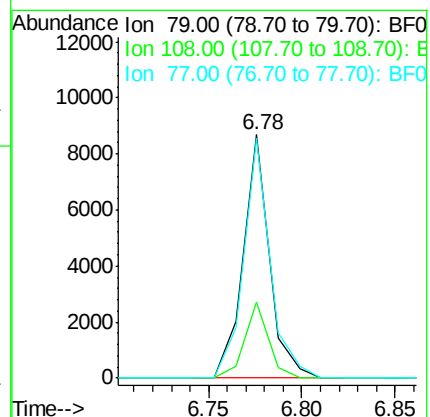
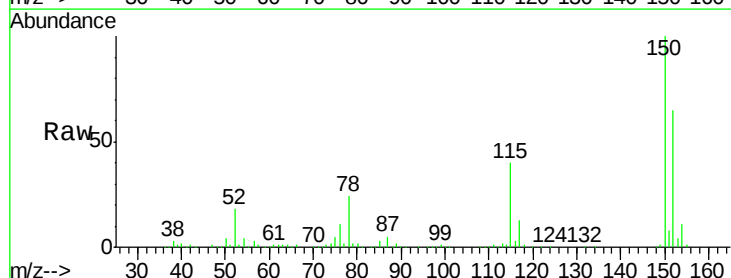
Tgt Ion: 79 Resp: 8562

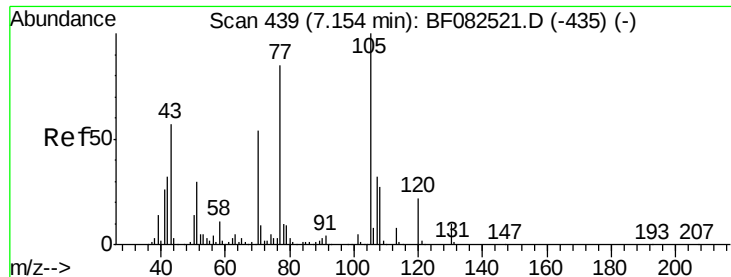
Ion Ratio Lower Upper

79 100

108 31.3 55.0 82.6#

77 98.6 52.5 78.7#

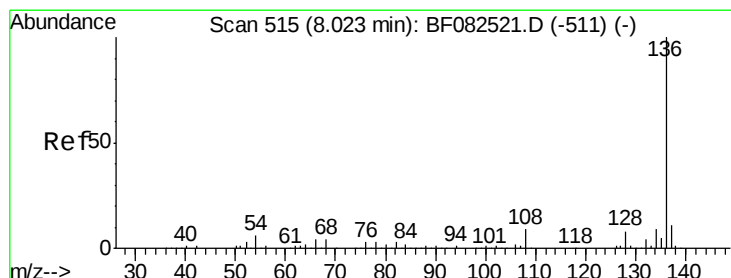
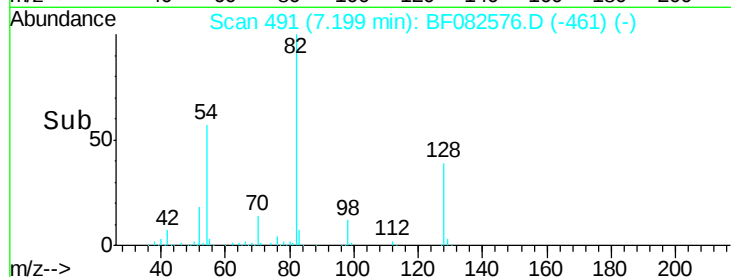
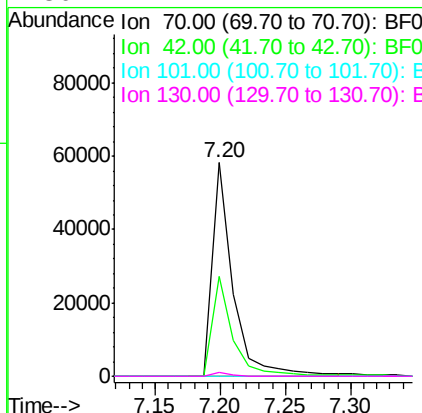
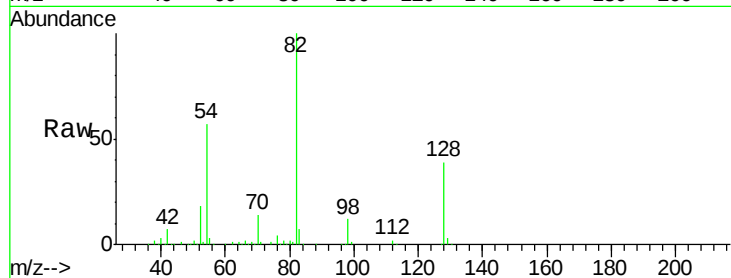




#19
n-Nitroso-di-n-propylamine
Concen: 17.93 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.04 min
Lab File: BF082576.D
Acq: 29 Oct 2015 18:02

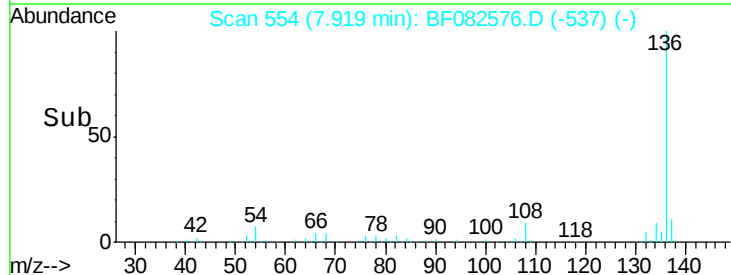
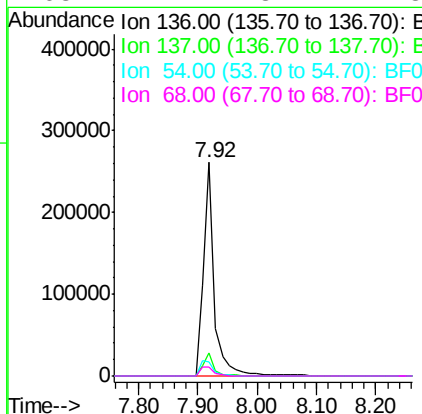
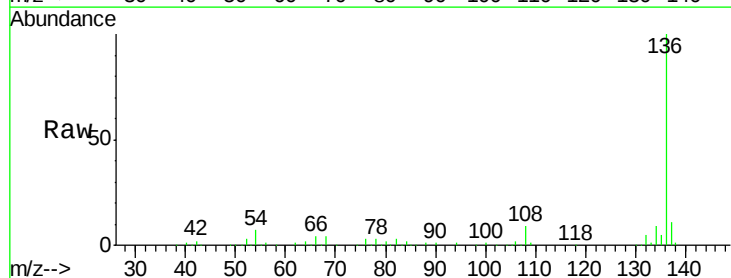
Instrument :
BNA_F
ClientSampleId :
EFF-151028-01

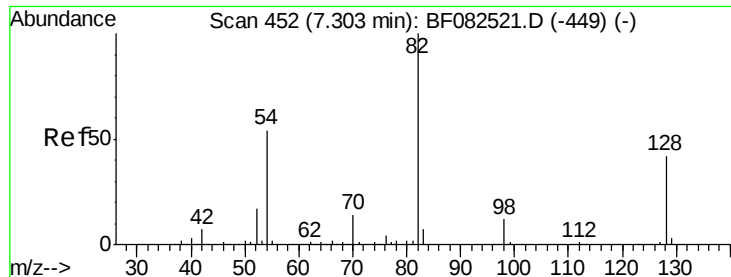
Tot Ion: 70 Resp: 64735
Ion Ratio Lower Upper
70 100
42 46.8 46.9 70.3#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.10 min
Lab File: BF082576.D
Acq: 29 Oct 2015 18:02

Tgt Ion:136 Resp: 343770
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.6 4.6 7.0
68 4.1 3.2 4.8

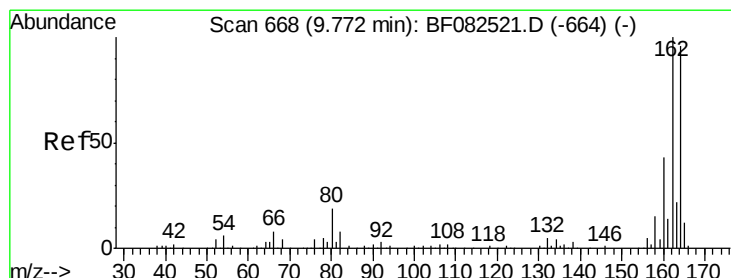
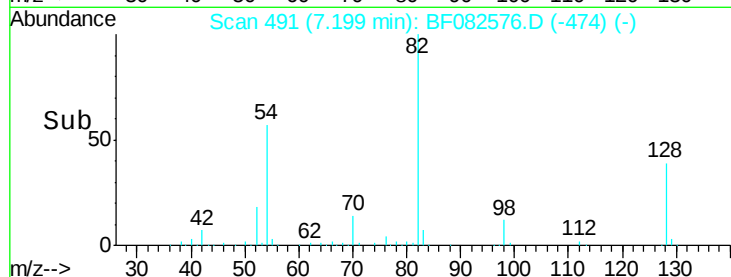
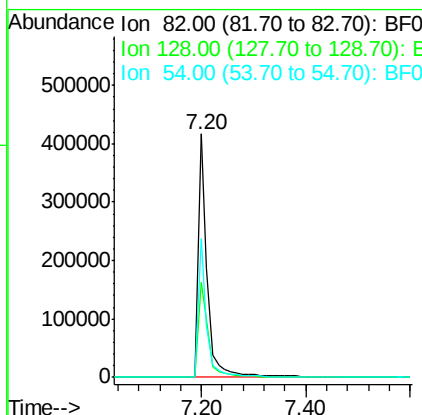
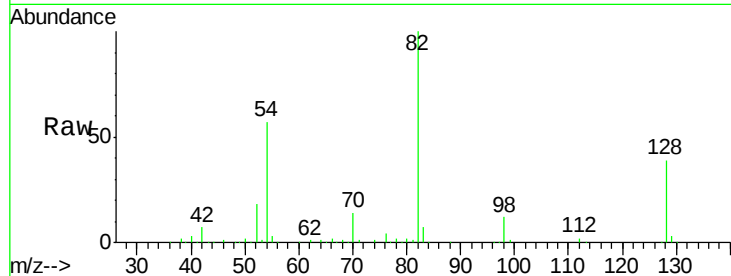




#23
 Nitrobenzene-d5
 Concen: 94.82 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.10 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

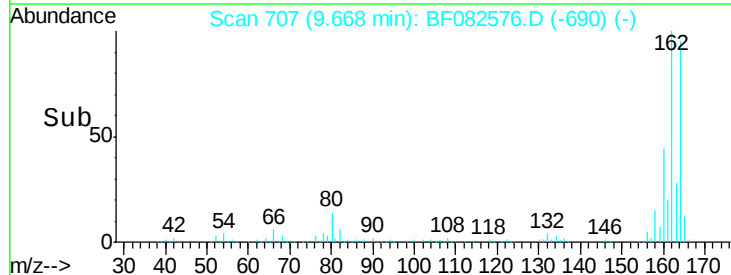
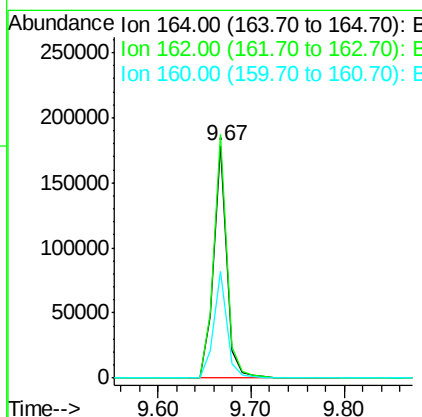
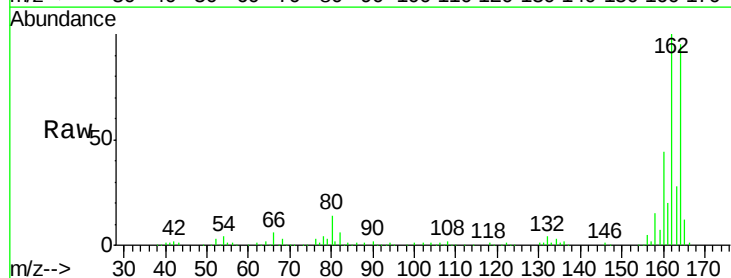
Instrument :
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 ClientSampleId :
 EFF-151028-01

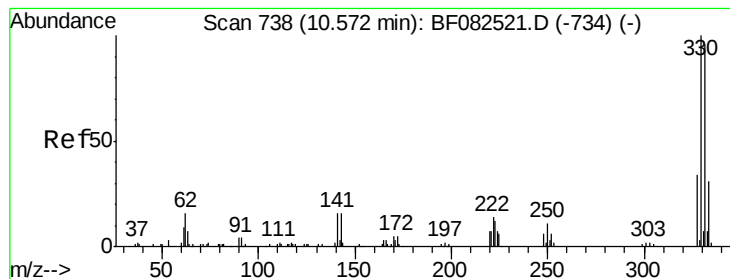
Tot Ion: 82 Resp: 505256
 Ion Ratio Lower Upper
 82 100
 128 39.0 33.4 50.0
 54 56.8 43.5 65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.10 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Tgt Ion:164 Resp: 175693
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.6 125.4
 160 45.7 36.0 54.0

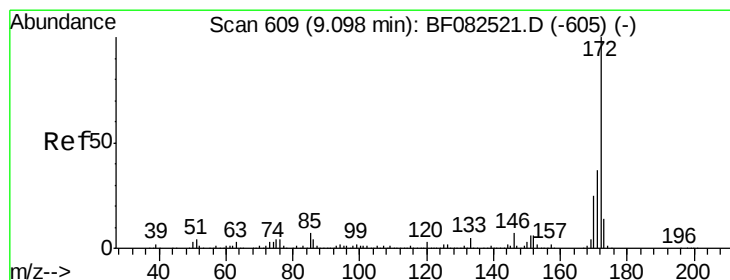
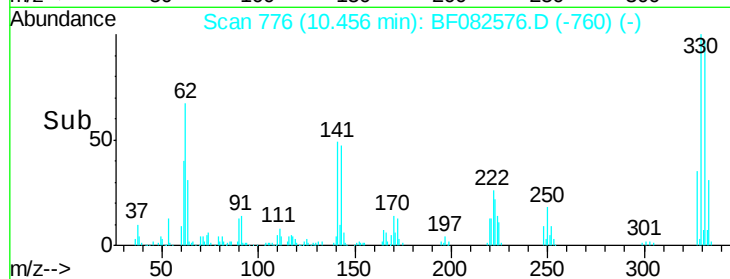
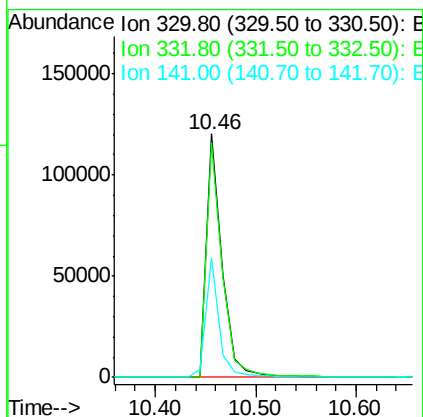
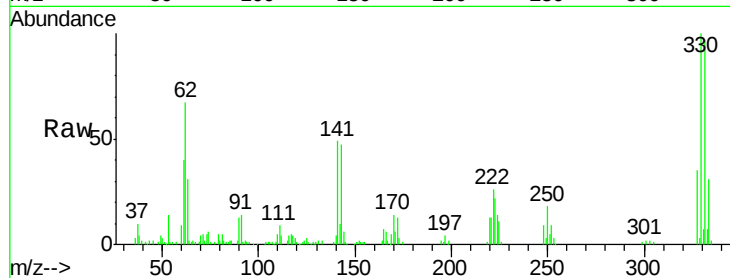




#41
 2,4,6-Tribromophenol
 Concen: 98.70 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.12 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

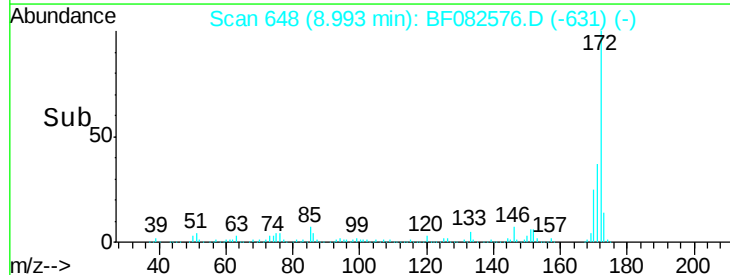
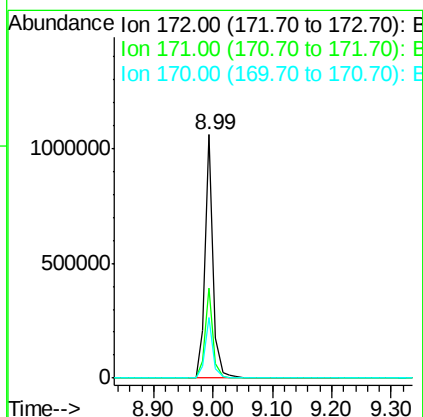
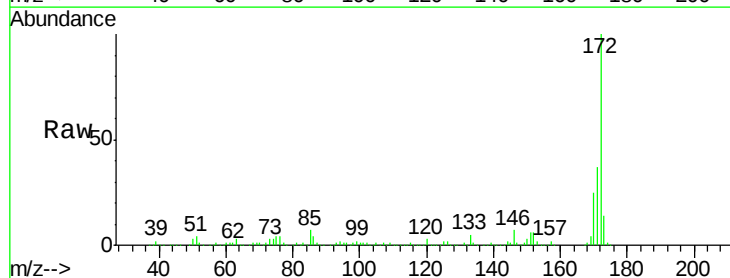
Instrument :
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 ClientSampleId :
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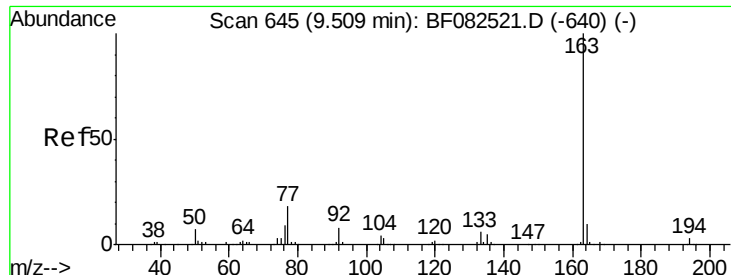
Tot Ion:330 Resp: 129849
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 42.8 32.5 48.7



#44
 2-Fluorobiphenyl
 Concen: 93.52 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.10 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Tgt Ion:172 Resp: 1033324
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 24.9 19.8 29.6





#49

Dimethylphthalate

Concen: 4.19 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.10 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

Instrument :

BNA_F

ClientSampleId :

EFF-151028-01

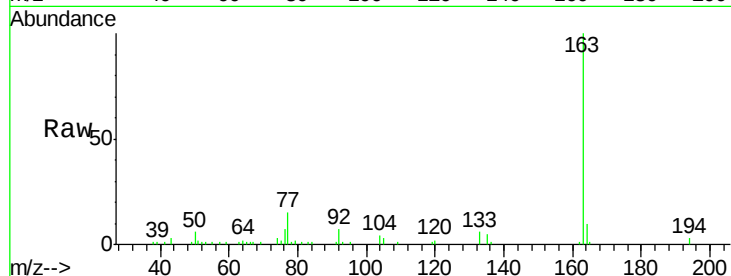
Tot Ion:163 Resp: 51175

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

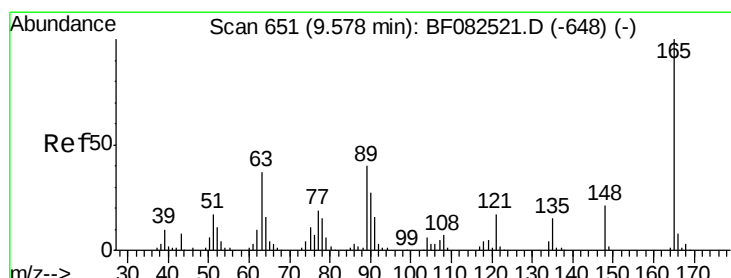
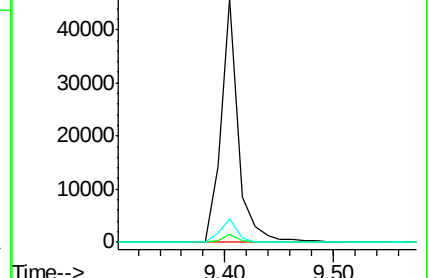
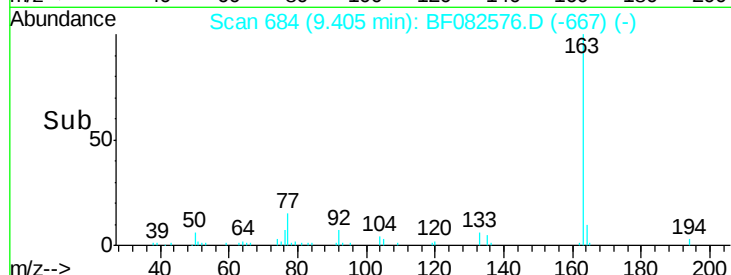
164 9.5 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 8.27 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.09 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

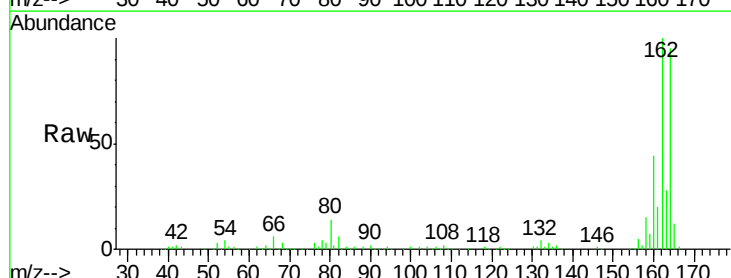
Tgt Ion:165 Resp: 22164

Ion Ratio Lower Upper

165 100

63 1.5 30.7 46.1#

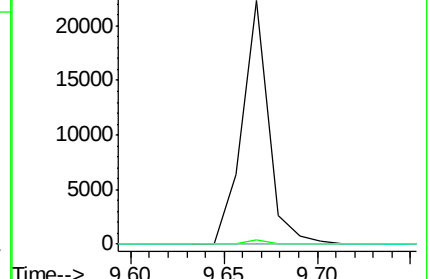
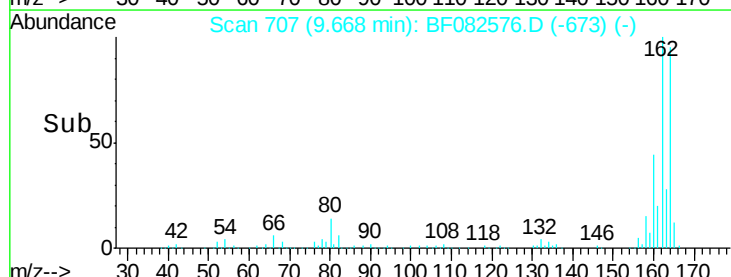
89 0.0 31.8 47.8#

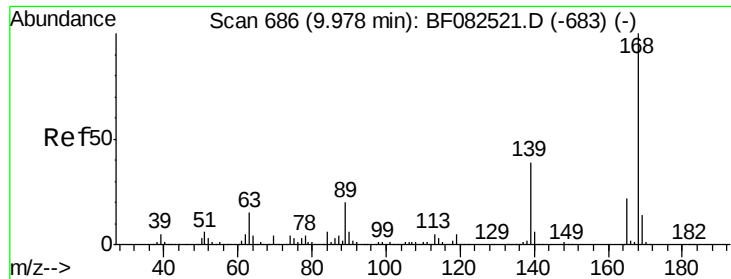


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

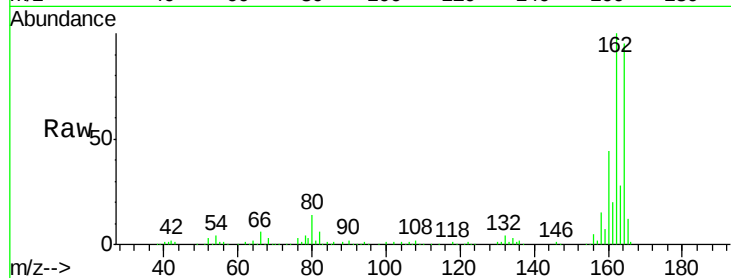




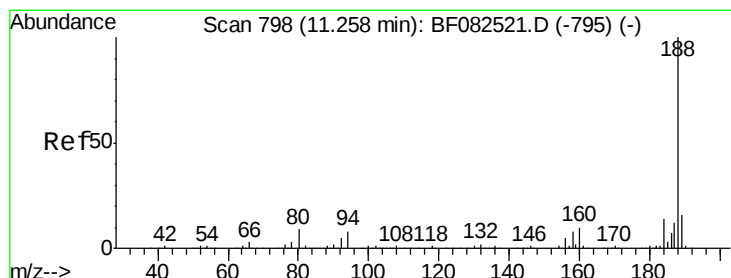
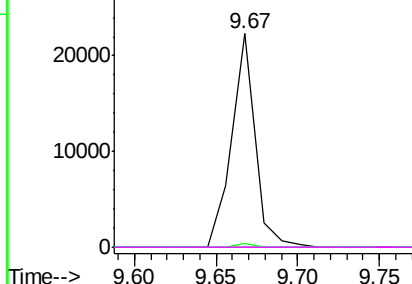
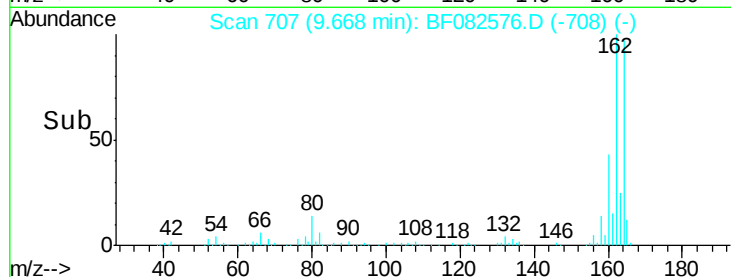
#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.31 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151028-01

Tot Ion:165 Resp: 22161
 Ion Ratio Lower Upper
 165 100
 63 1.5 58.6 88.0#
 89 0.0 72.3 108.5#
 182 0.0 1.8 2.8#

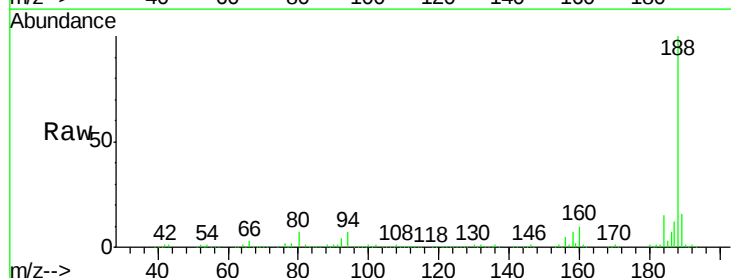


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

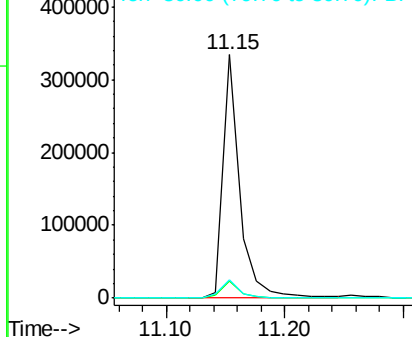
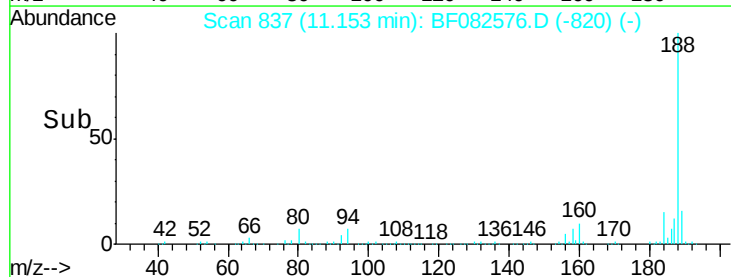


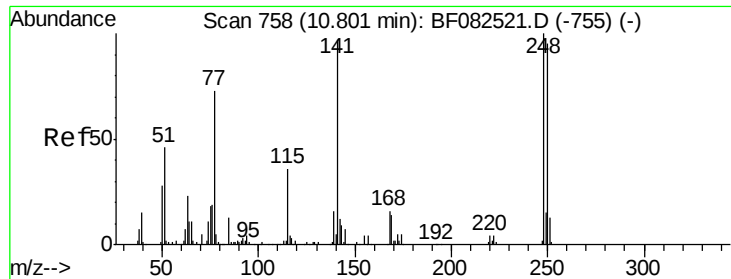
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.10 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Tgt Ion:188 Resp: 324954
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.4 9.6
 80 7.5 7.0 10.6



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: 3.20 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.34 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

Instrument :

BNA_F

ClientSampleId :

EFF-151028-01

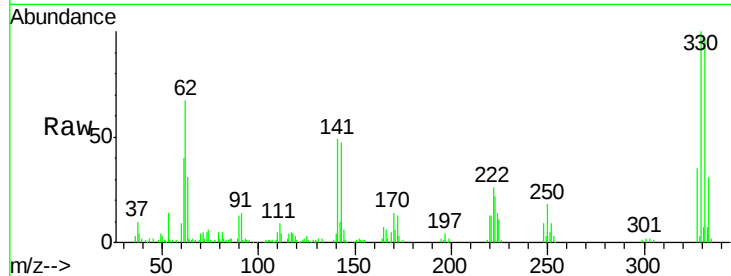
Tot Ion:248 Resp: 9772

Ion Ratio Lower Upper

248 100

250 196.4 76.0 114.0#

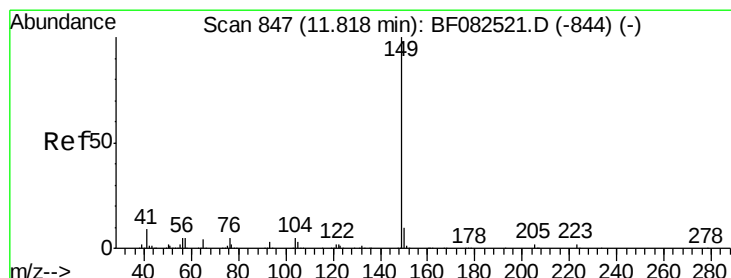
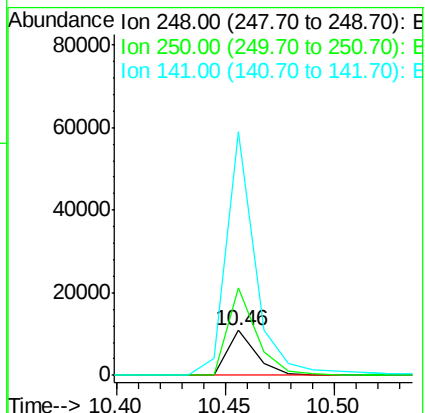
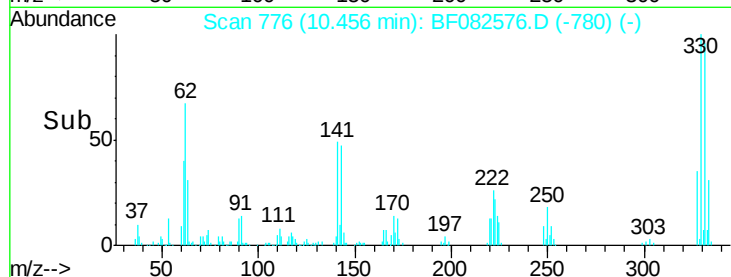
141 546.0 77.5 116.3#



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: 39.15 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.10 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

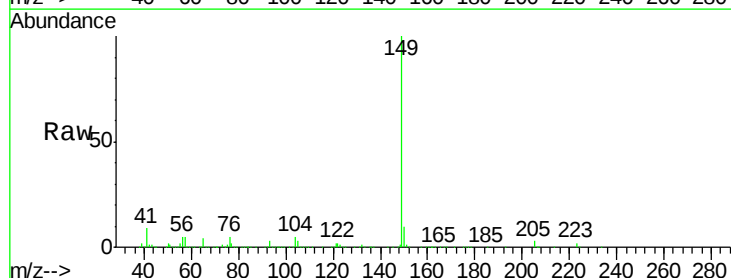
Tgt Ion:149 Resp: 693484

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

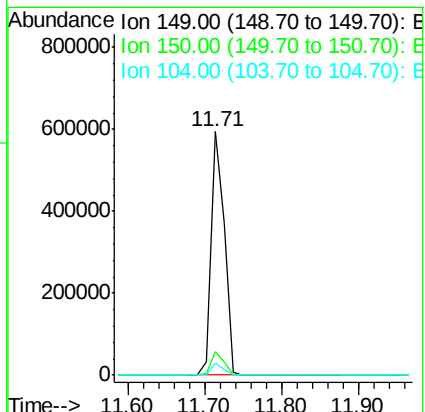
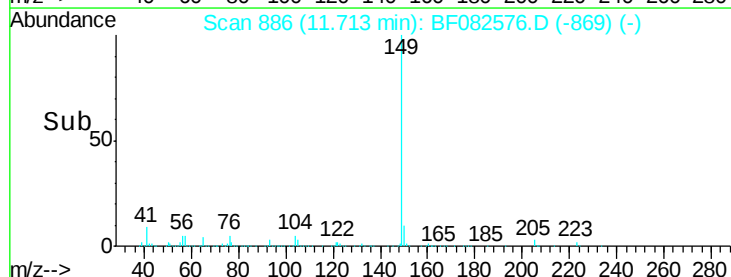
104 5.2 4.2 6.4

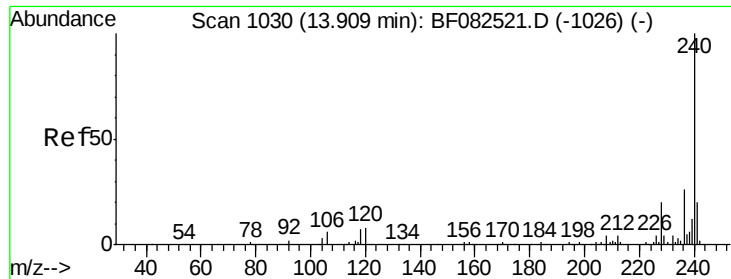


Abundance Ion 149.00 (148.70 to 149.70): E

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: 13.79 min Scan# 1068

Delta R.T. -0.12 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

Instrument :

BNA_F

ClientSampleId :

EFF-151028-01

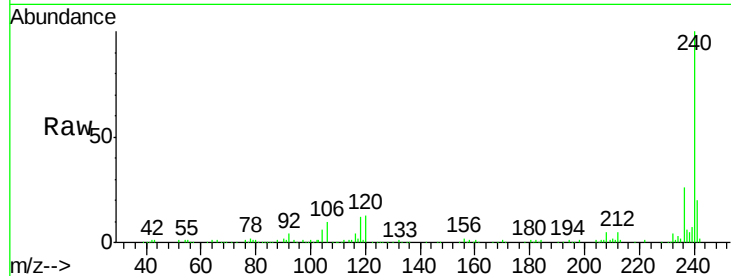
Tot Ion:240 Resp: 275759

Ion Ratio Lower Upper

240 100

120 13.3 6.5 9.7#

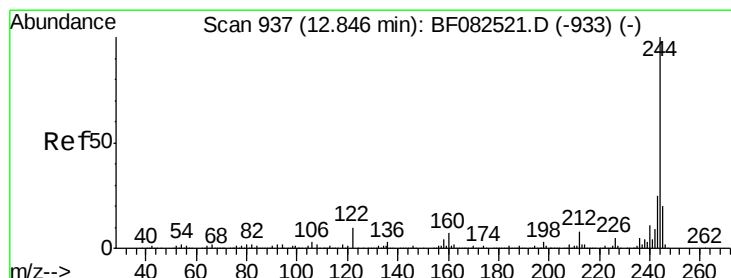
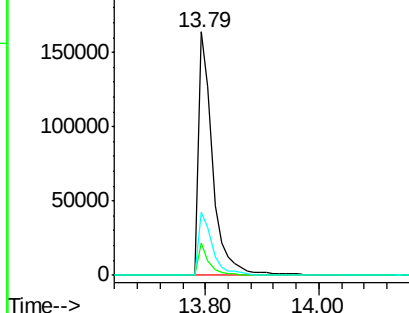
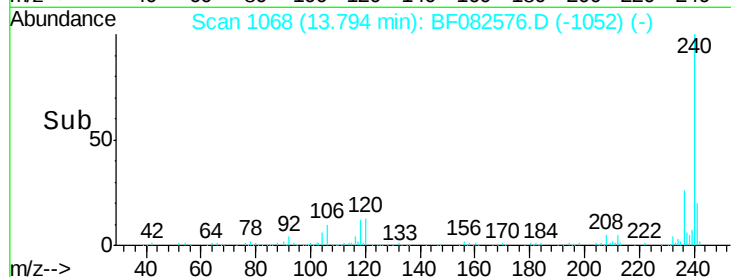
236 26.1 20.5 30.7



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: 73.26 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.12 min

Lab File: BF082576.D

Acq: 29 Oct 2015 18:02

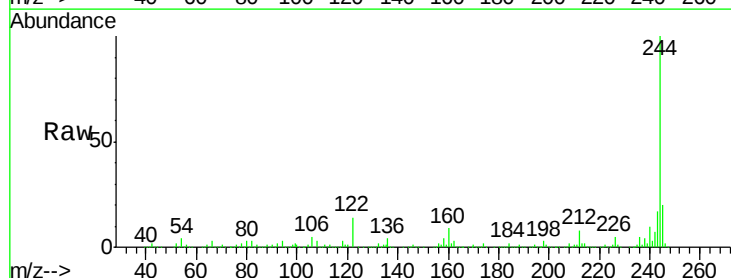
Tgt Ion:244 Resp: 701265

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

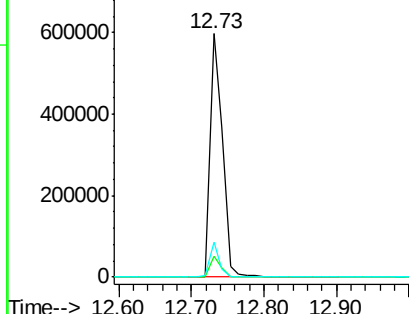
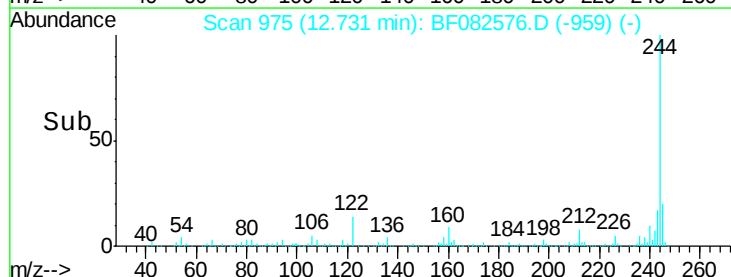
122 14.3 8.1 12.1#

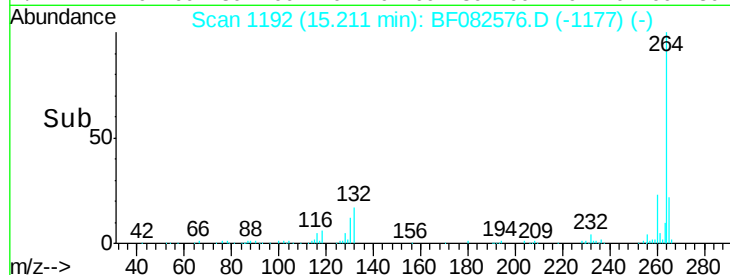
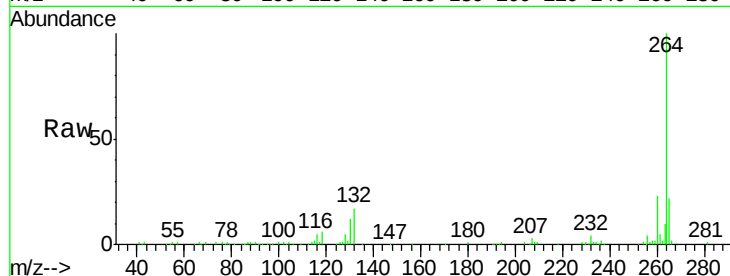
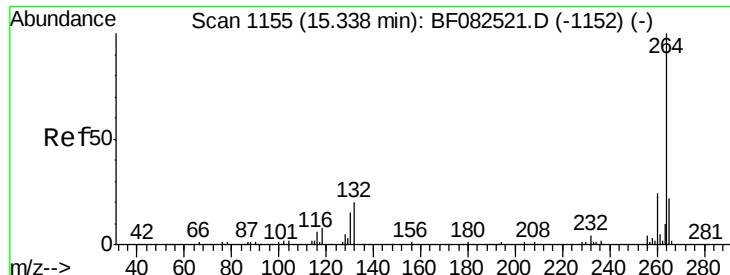


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.13 min
 Lab File: BF082576.D
 Acq: 29 Oct 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151028-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.5	17.8	26.6

