

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087015.D
 Acq On : 14 May 2016 12:49
 Operator : UM/SJ
 Sample : H2947-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBFIELDLBNK1-5-5-16

Quant Time: May 16 01:05:31 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 14:55:23 2016
 Response via : Initial Calibration

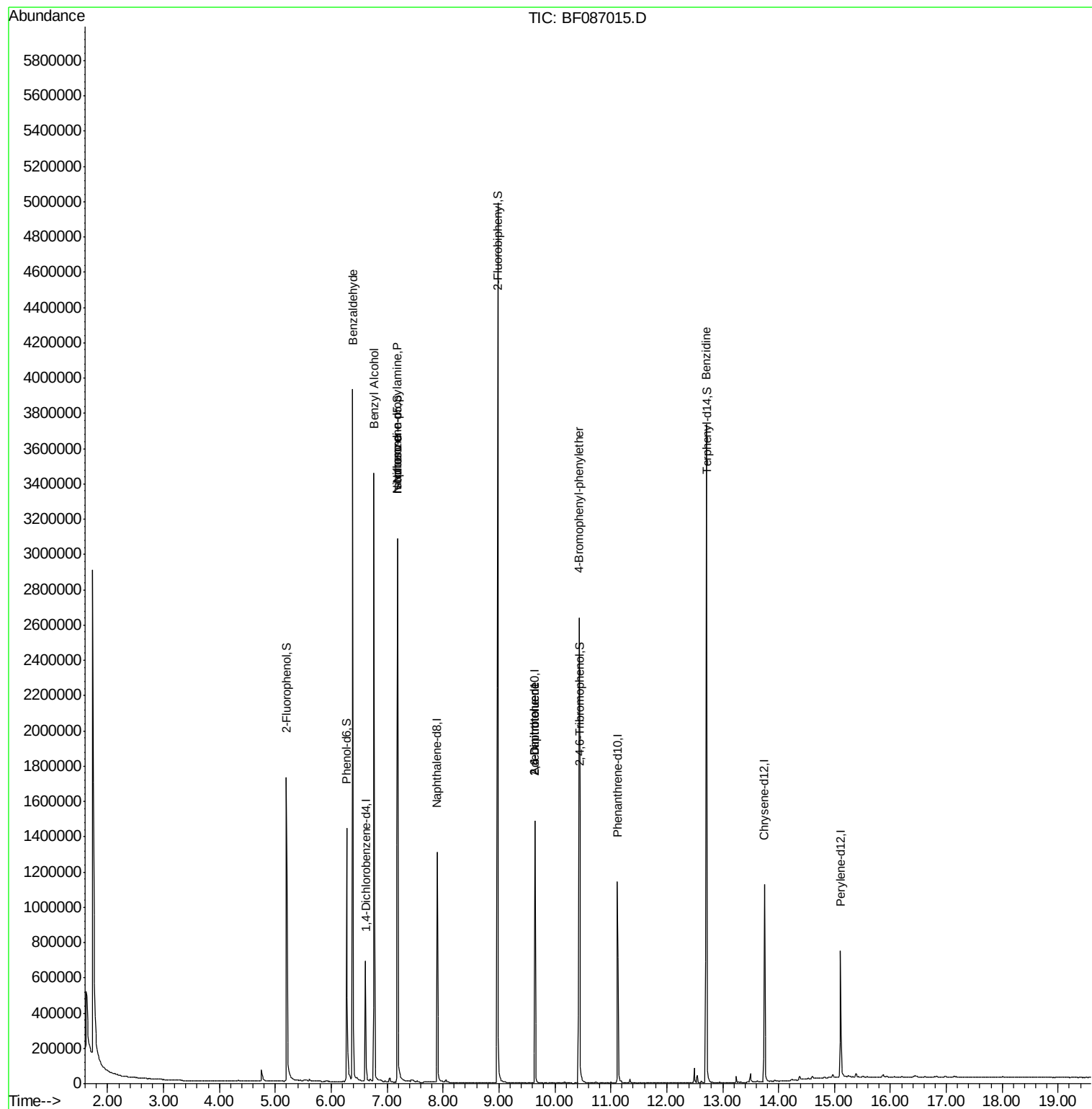
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139844	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	583532	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	282186	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	525396	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	380625	20.00	ng	-0.09
86) Perylene-d12	15.11	264	309998	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	591124	71.59	ng	-0.09
7) Phenol-d6	6.27	99	479953	43.49	ng	-0.09
23) Nitrobenzene-d5	7.19	82	1061738	91.36	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	412424	138.05	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1647062	98.10	ng	-0.08
78) Terphenyl-d14	12.72	244	1711895	95.43	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.39	77	28969	4.53	ng	# 79
15) Benzyl Alcohol	6.76	79	17209	2.26	ng	# 45
19) n-Nitroso-di-n-propylamine	7.19	70	153119	19.85	ng	# 74
25) Isophorone	7.19	82	1041856	48.32	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	35434	7.82	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	35435	6.32	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	22885	4.30	ng	# 1
76) Benzydine	12.71	184	25640	2.64	ng	99

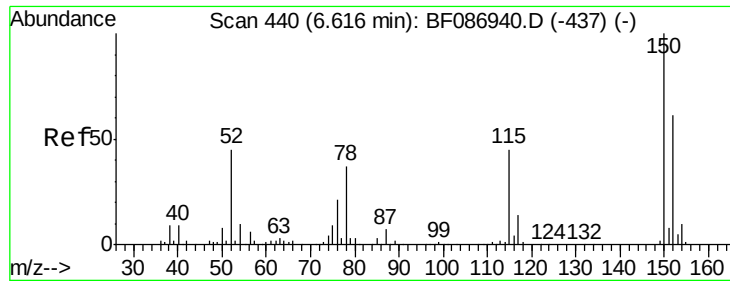
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087015.D

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BNA_F

ClientSampleId :

KBFIELDLBNK1-5-5-16

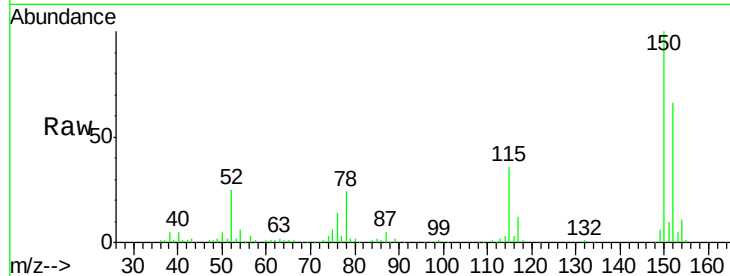
Tgt Ion:152 Resp: 139844

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

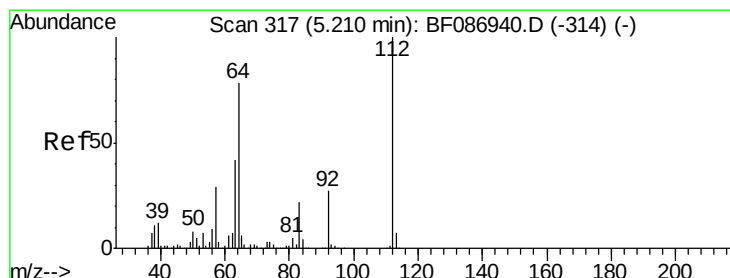
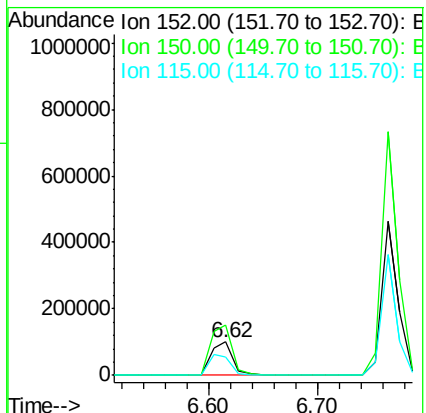
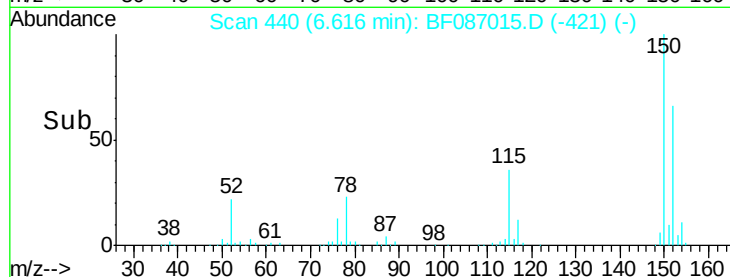
115 55.1 51.5 77.3



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: 71.59 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

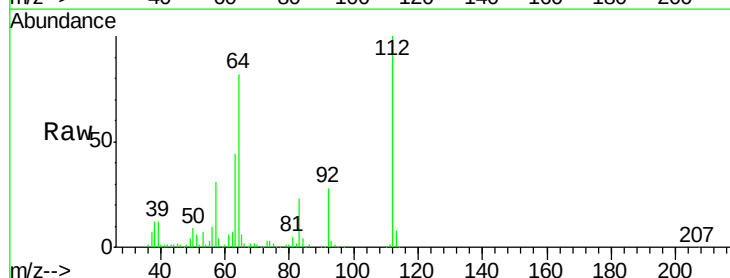
Tgt Ion:112 Resp: 591124

Ion Ratio Lower Upper

112 100

64 82.0 52.1 78.1#

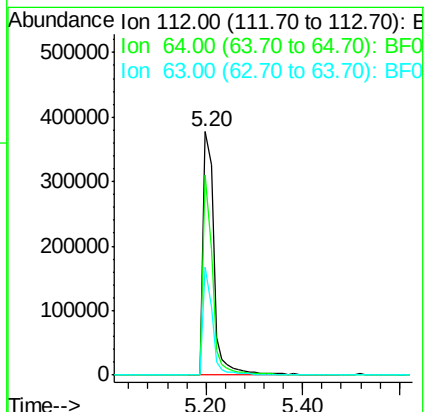
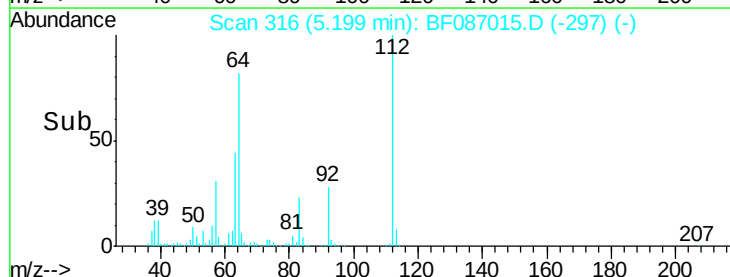
63 44.4 25.7 38.5#

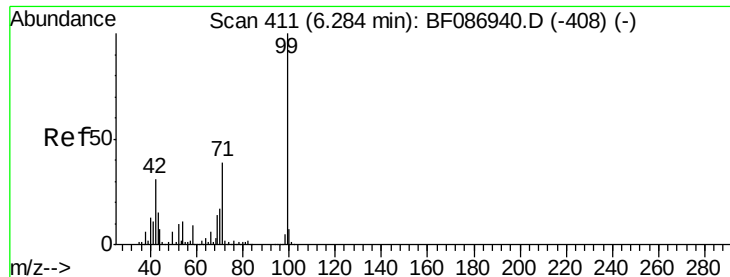


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.49 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

Instrument :

BNA_F

ClientSampleId :

KBFIELDLBNK1-5-5-16

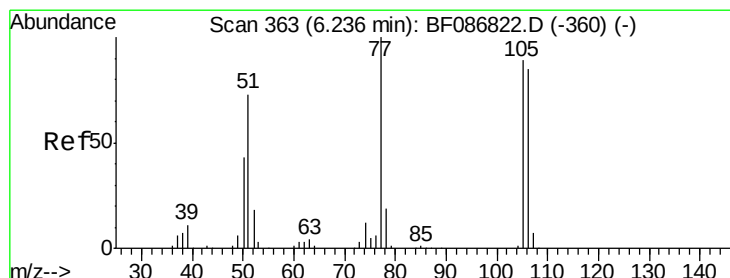
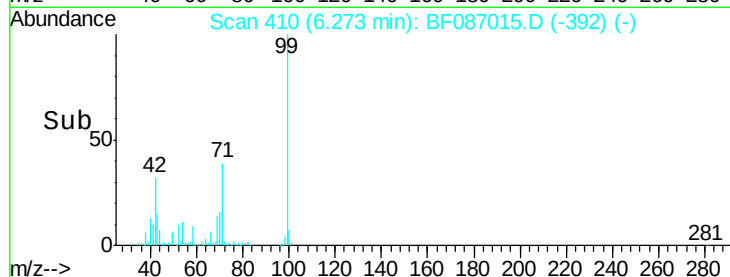
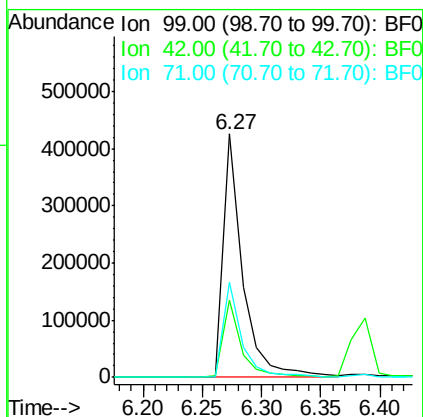
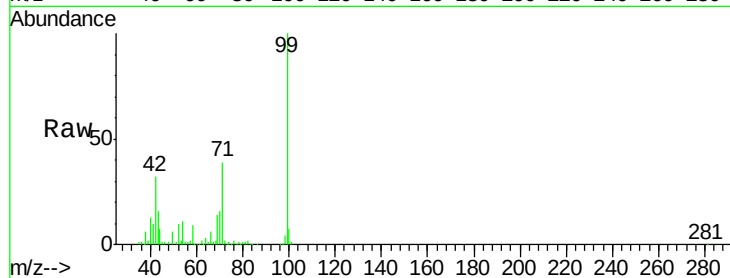
Tgt Ion: 99 Resp: 479953

Ion Ratio Lower Upper

99 100

42 31.7 13.6 20.4#

71 38.9 24.6 36.8#



#9

Benzaldehyde

Concen: 4.53 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

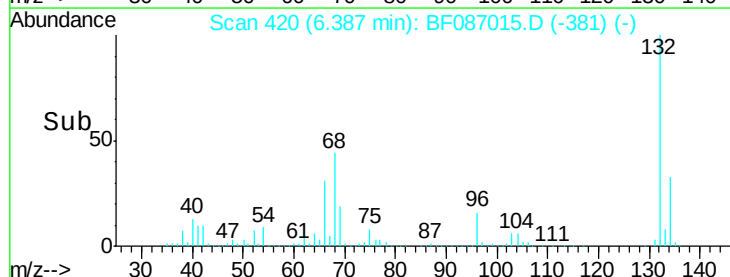
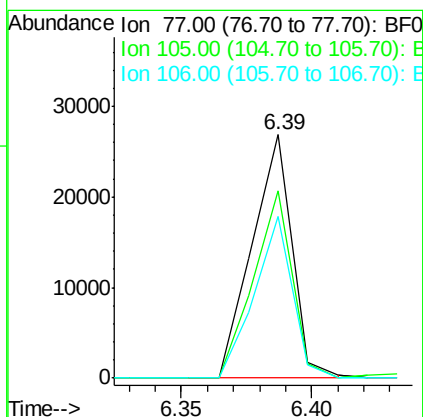
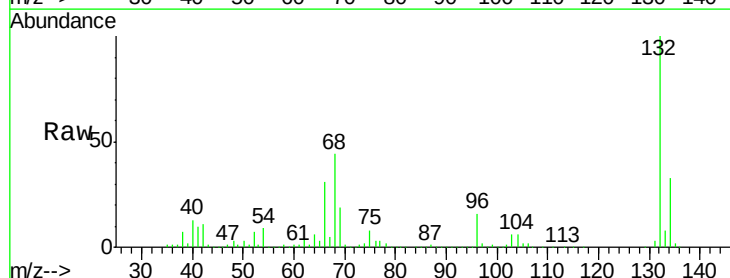
Tgt Ion: 77 Resp: 28969

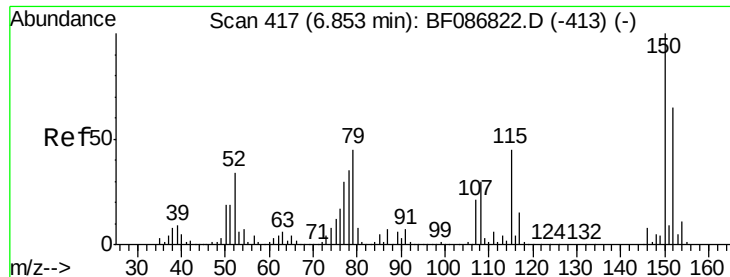
Ion Ratio Lower Upper

77 100

105 77.1 72.7 112.7

106 66.6 70.8 110.8#

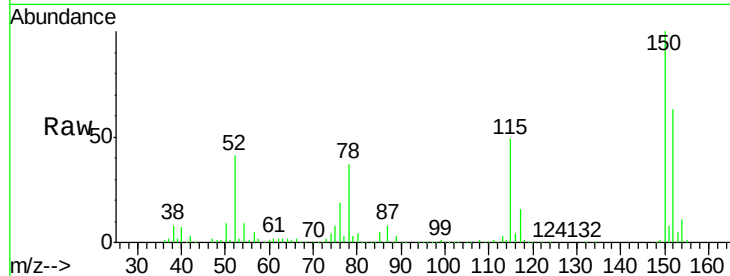




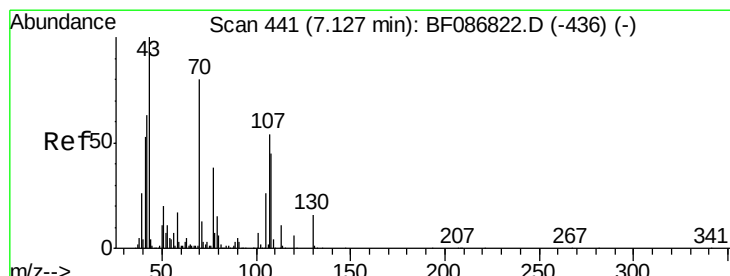
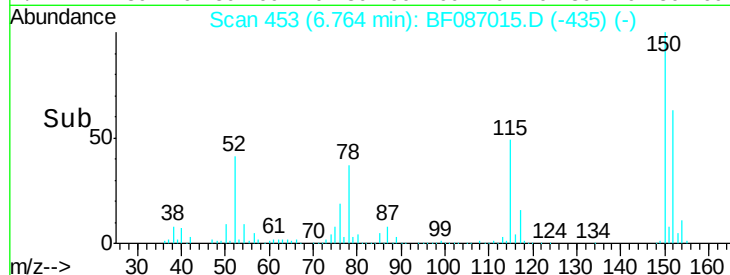
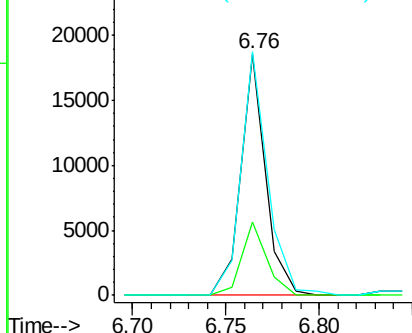
#15
Benzyl Alcohol
Concen: 2.26 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087015.D
Acq: 14 May 2016 12:49

Instrument :
BNA_F
ClientSampleId :
KBFIELDLBNK1-5-5-16

Tgt Ion: 79 Resp: 17209
Ion Ratio Lower Upper
79 100
108 30.5 68.4 102.6#
77 100.8 50.6 76.0#

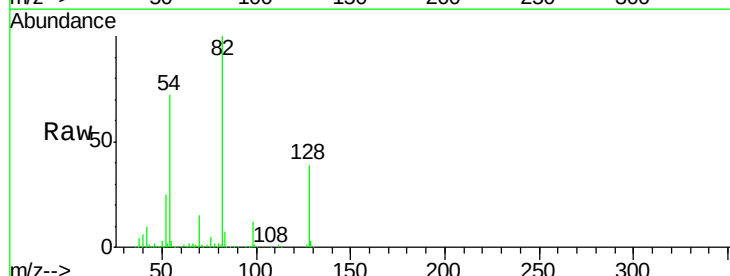


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

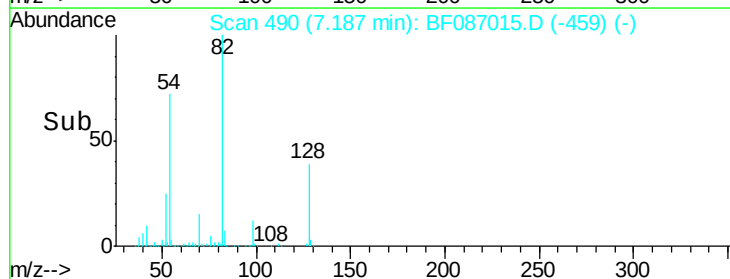
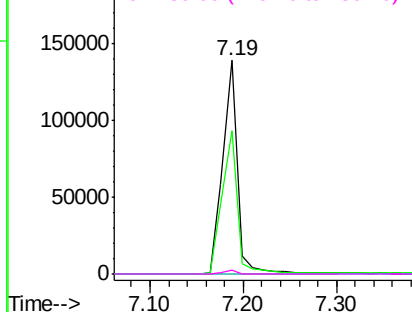


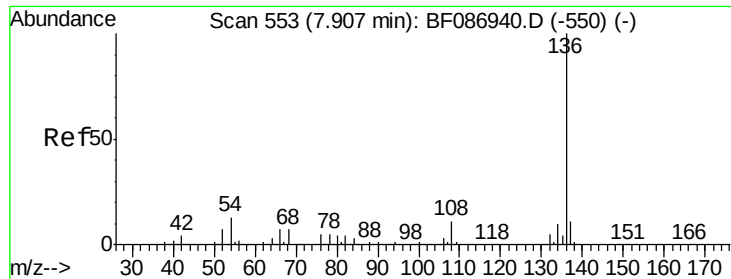
#19
n-Nitroso-di-n-propylamine
Concen: 19.85 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087015.D
Acq: 14 May 2016 12:49

Tgt Ion: 70 Resp: 153119
Ion Ratio Lower Upper
70 100
42 67.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

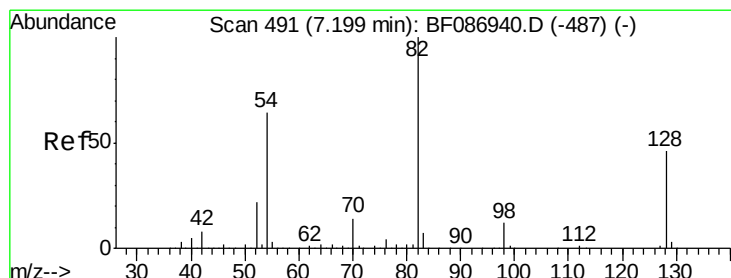
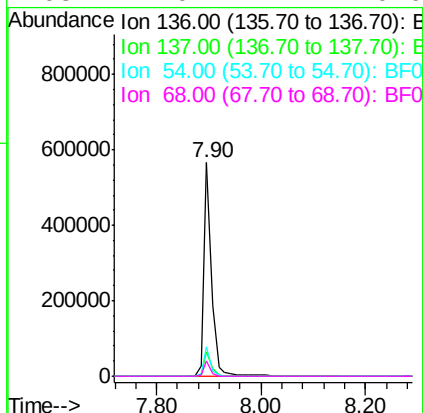
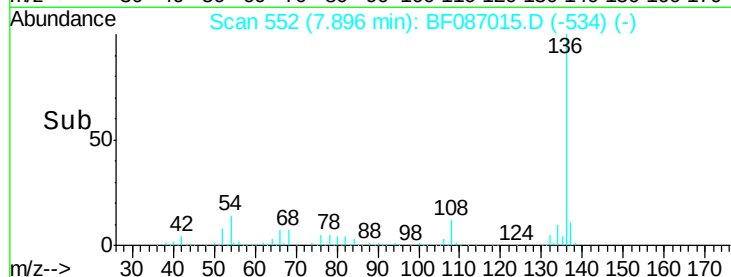
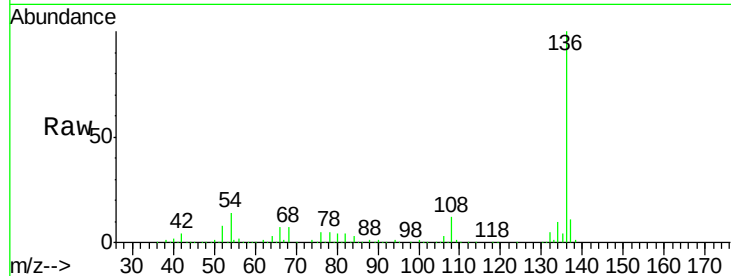




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087015.D
Acq: 14 May 2016 12:49

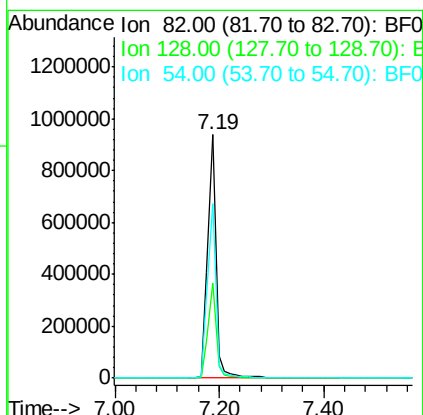
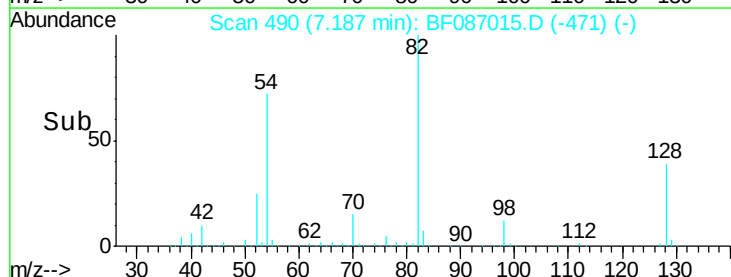
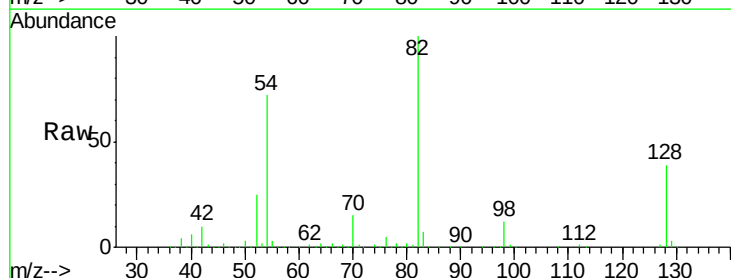
Instrument :
BNA_F
ClientSampleId :
KBFIELDLBNK1-5-5-16

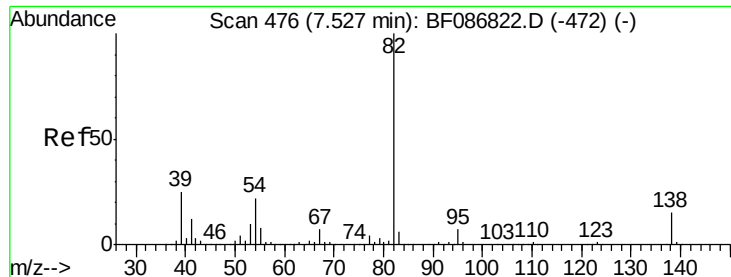
Tgt Ion:	136	Resp:	583532
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.7	5.0	7.4#
68	7.0	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 91.36 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087015.D
Acq: 14 May 2016 12:49

Tgt Ion:	82	Resp:	1061738
Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	71.8	38.1	57.1#





#25

Isophorone

Concen: 48.32 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

Instrument :

BNA_F

ClientSampleId :

KBFIELDLBNK1-5-5-16

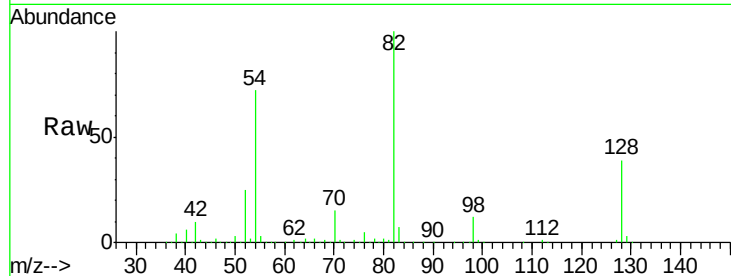
Tgt Ion: 82 Resp: 1041856

Ion Ratio Lower Upper

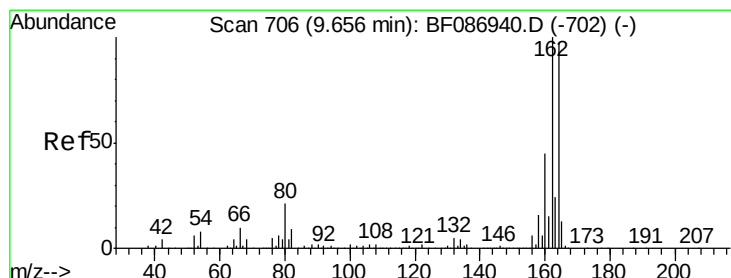
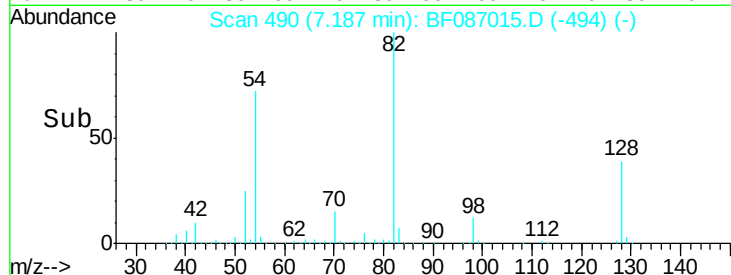
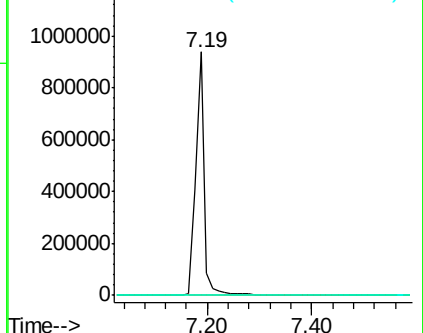
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

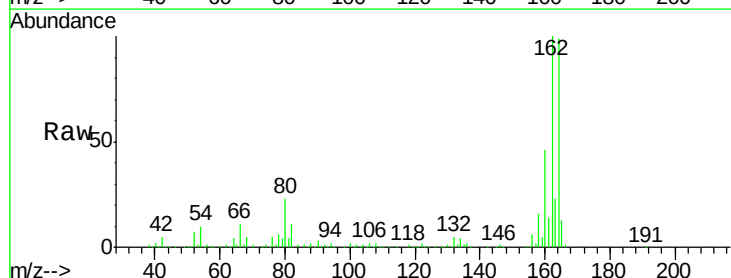
Tgt Ion: 164 Resp: 282186

Ion Ratio Lower Upper

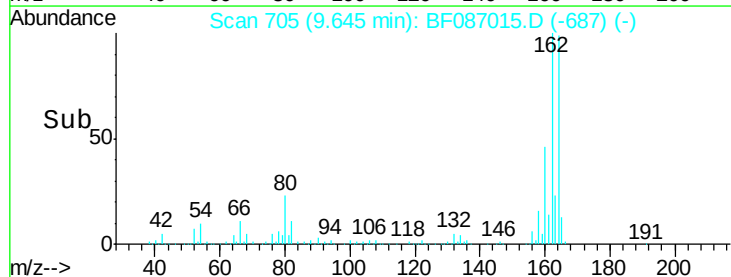
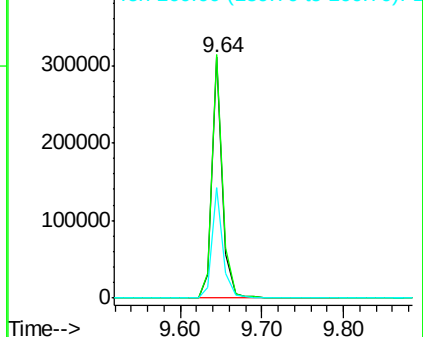
164 100

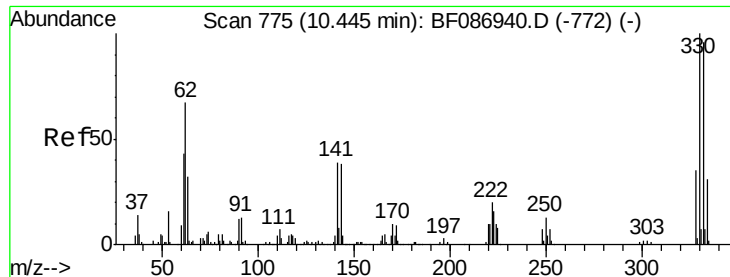
162 101.2 82.8 124.2

160 46.2 36.9 55.3



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

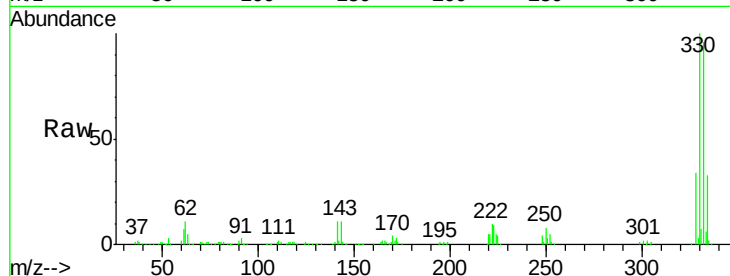




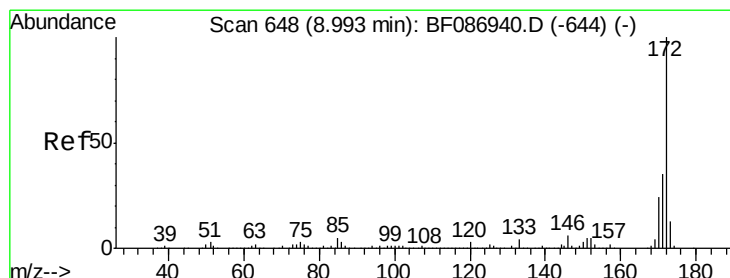
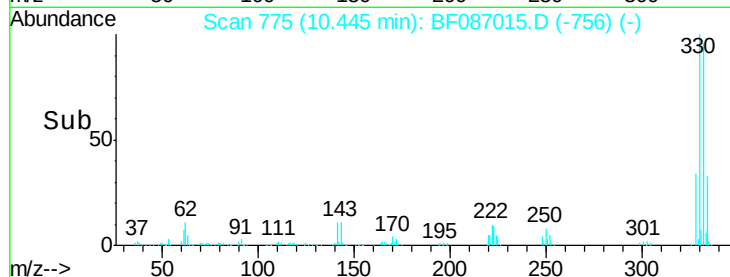
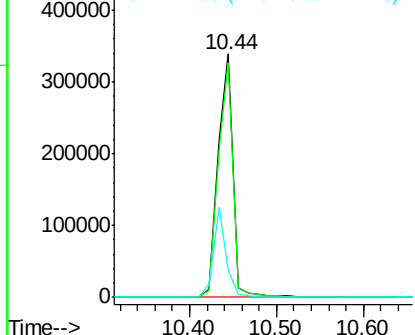
#41
 2,4,6-Tribromophenol
 Concen: 138.05 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087015.D
 Acq: 14 May 2016 12:49

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Tgt Ion:330 Resp: 412424
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 31.8 31.2 46.8

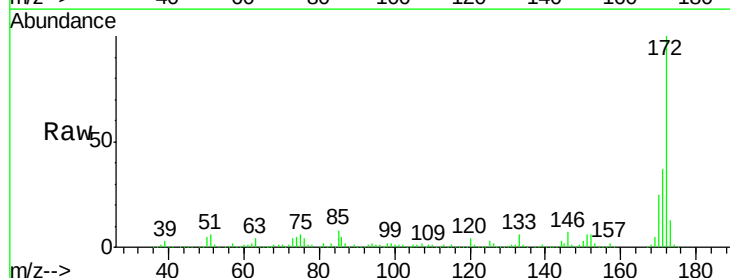


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

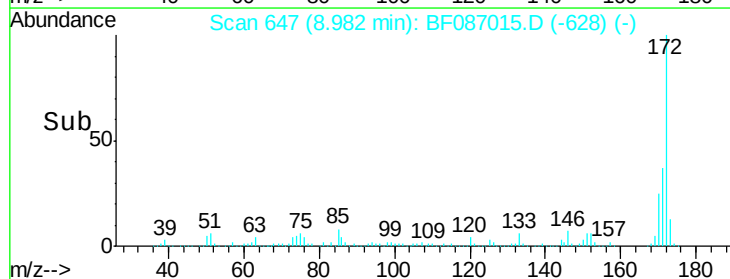
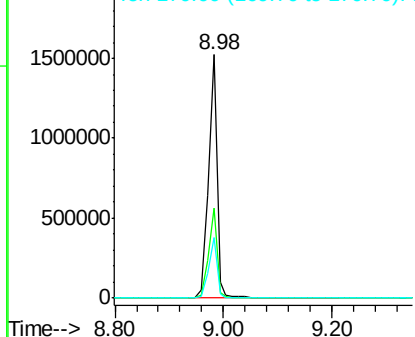


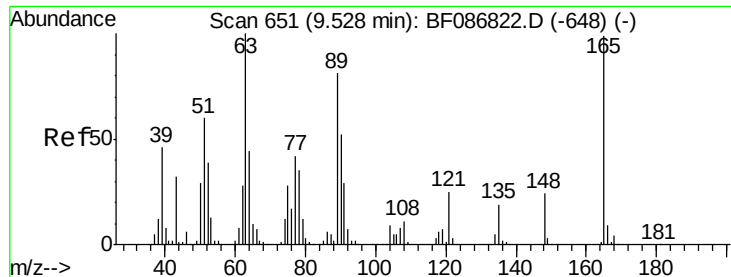
#44
 2-Fluorobiphenyl
 Concen: 98.10 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087015.D
 Acq: 14 May 2016 12:49

Tgt Ion:172 Resp: 1647062
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 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

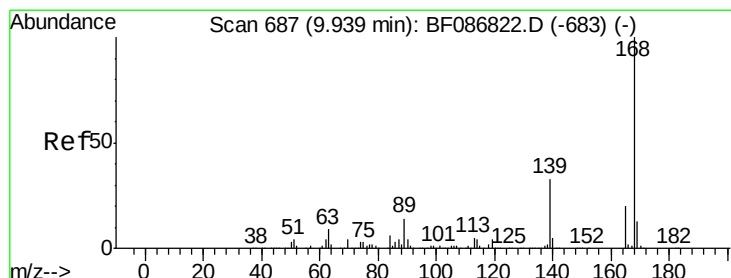
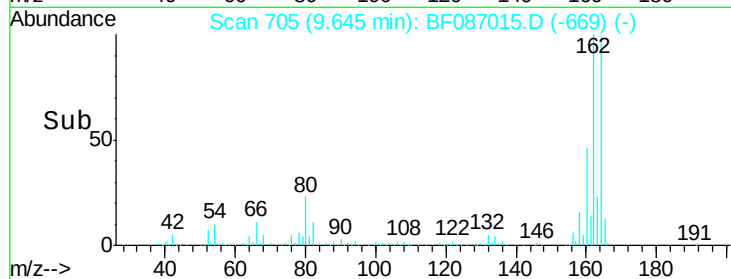
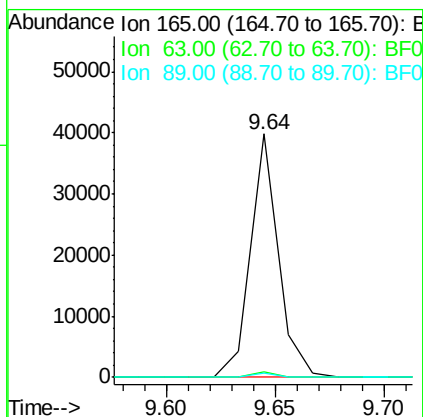
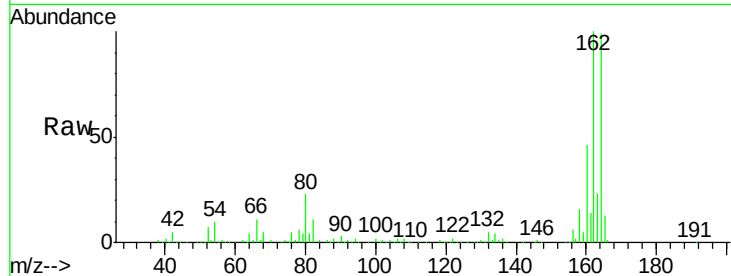




#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.12 min
 Lab File: BF087015.D
 Acq: 14 May 2016 12:49

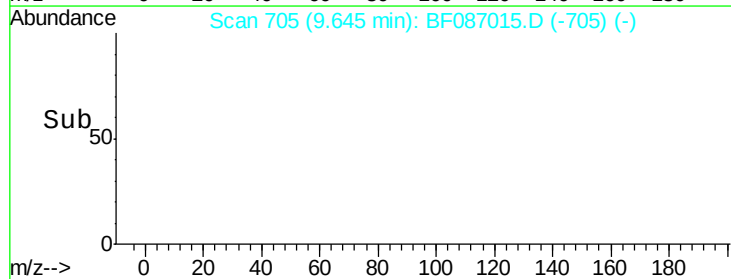
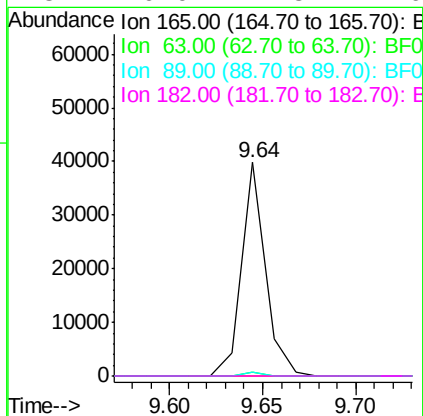
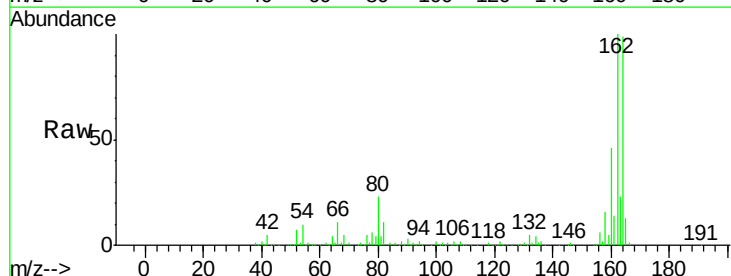
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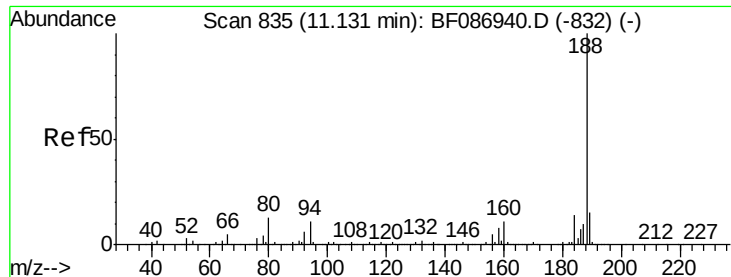
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	2.0	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087015.D
 Acq: 14 May 2016 12:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

Instrument :

BNA_F

ClientSampleId :

KBFIELDLBNK1-5-5-16

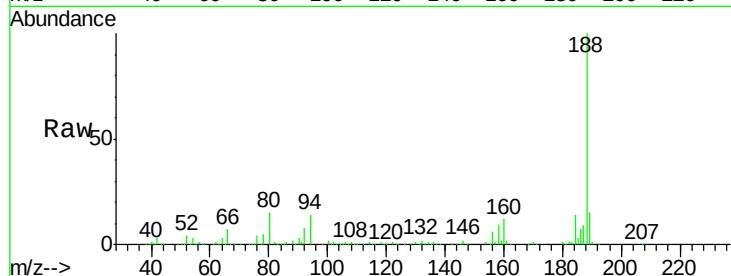
Tgt Ion:188 Resp: 525396

Ion Ratio Lower Upper

188 100

94 13.8 6.8 10.2#

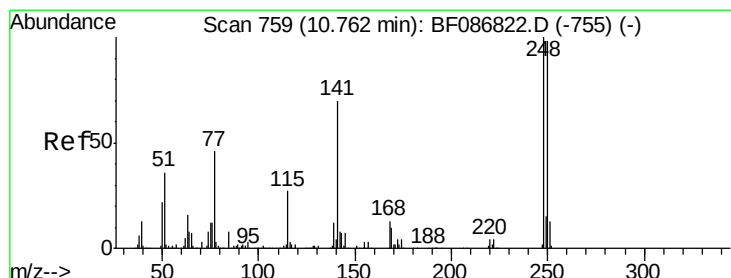
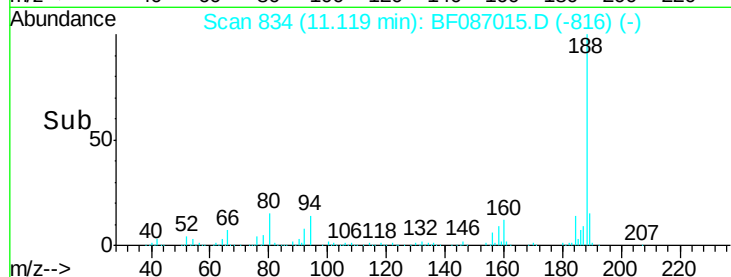
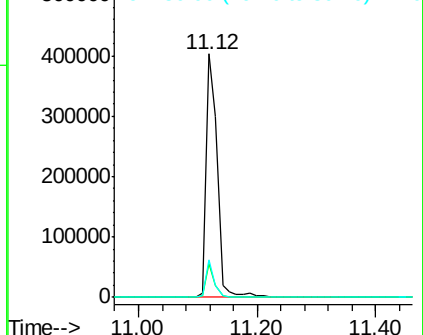
80 15.3 7.1 10.7#



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: 4.30 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

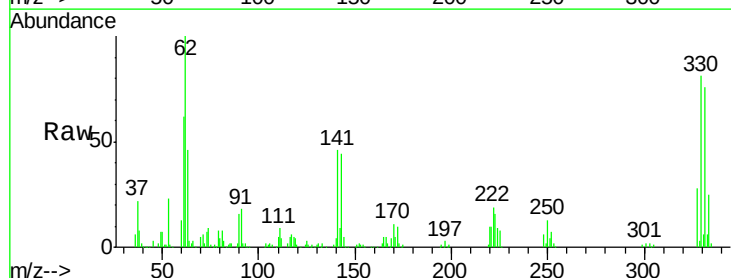
Tgt Ion:248 Resp: 22885

Ion Ratio Lower Upper

248 100

250 205.2 78.6 117.8#

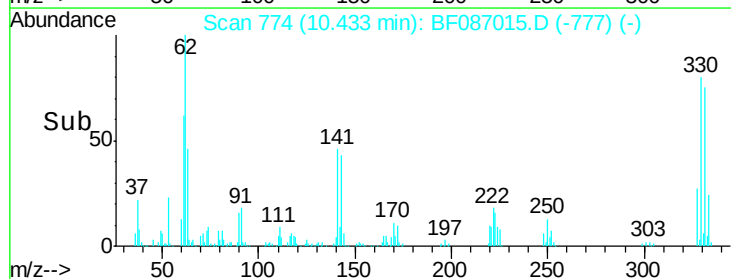
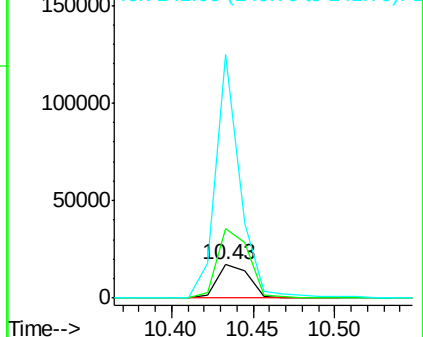
141 724.5 76.0 114.0#

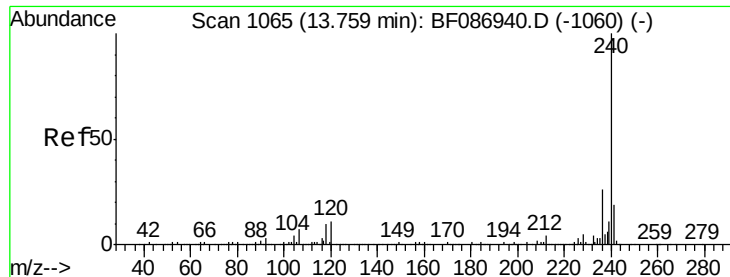


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

Instrument :

BNA_F

ClientSampleId :

KBFIELDLBNK1-5-5-16

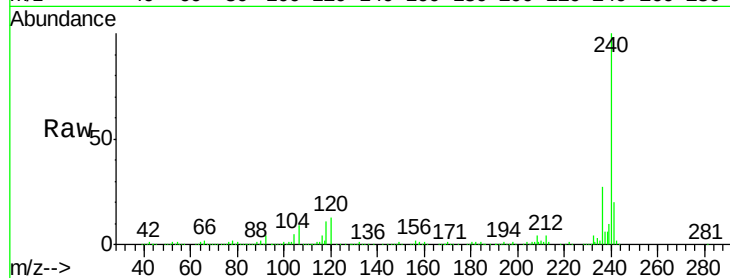
Tgt Ion:240 Resp: 380625

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

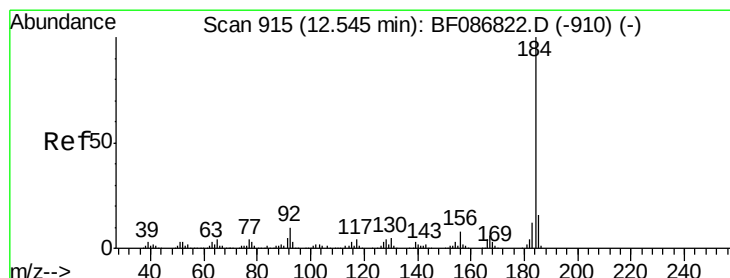
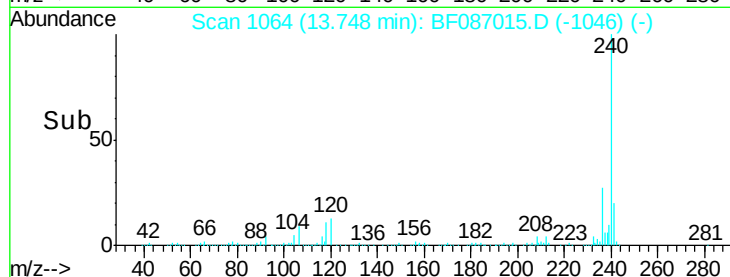
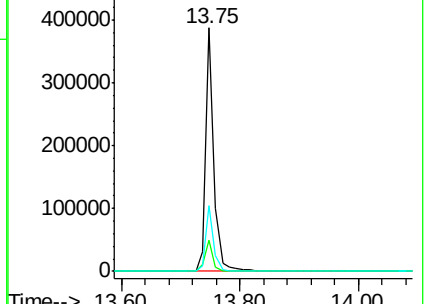
236 26.7 21.2 31.8



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



#76

Benzidine

Concen: 2.64 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

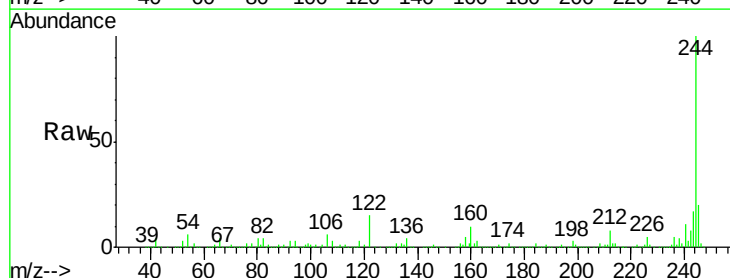
Tgt Ion:184 Resp: 25640

Ion Ratio Lower Upper

184 100

185 17.3 13.6 20.4

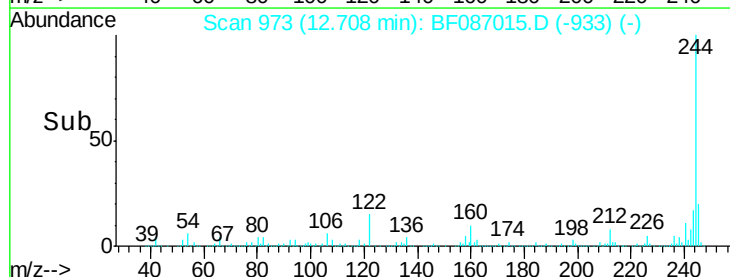
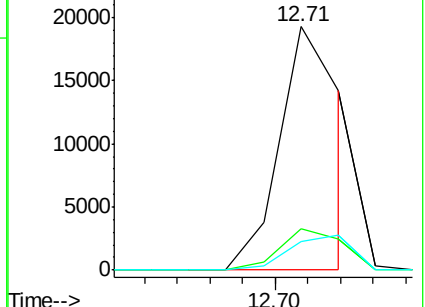
183 11.9 9.8 14.6

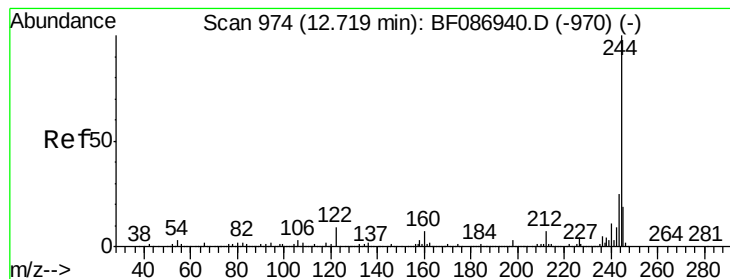


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.43 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLNK1-5-5-16

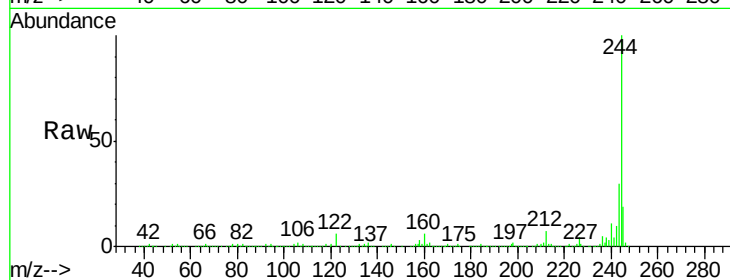
Tgt Ion:244 Resp: 1711895

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

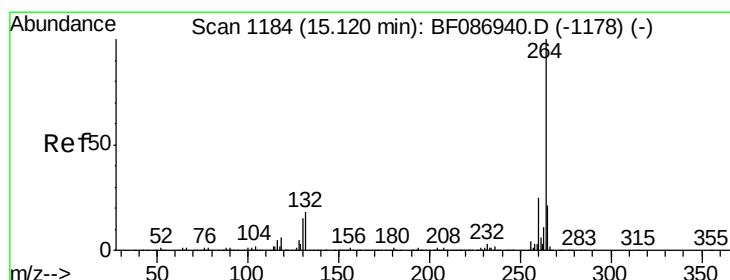
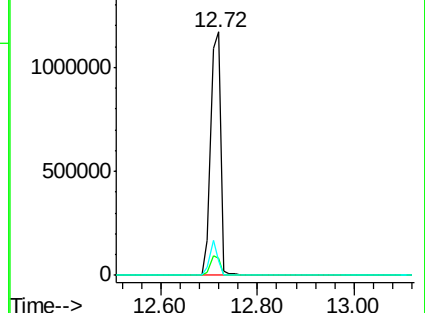
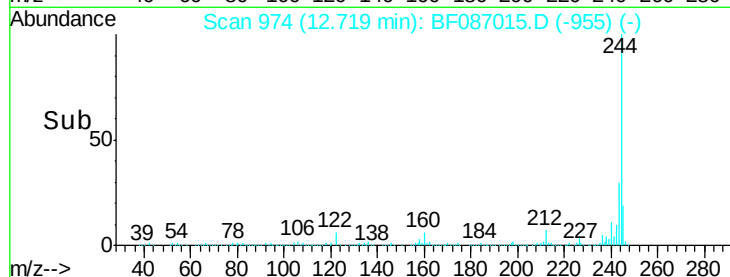
122 6.1 12.0 18.0#



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: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087015.D

Acq: 14 May 2016 12:49

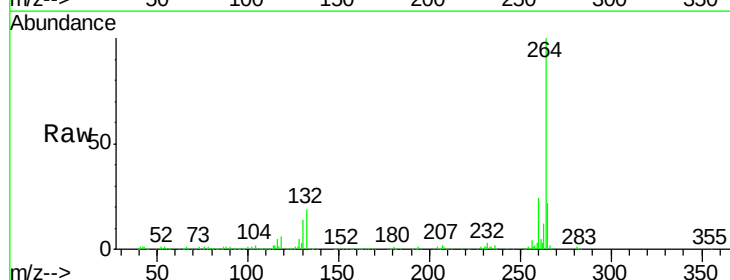
Tgt Ion:264 Resp: 309998

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.0 17.3 25.9



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

