

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087049.D
 Acq On : 15 May 2016 5:22
 Operator : UM/SJ
 Sample : H3052-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBFIELD BLANK2-5-9-16

Quant Time: May 16 04:53:26 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

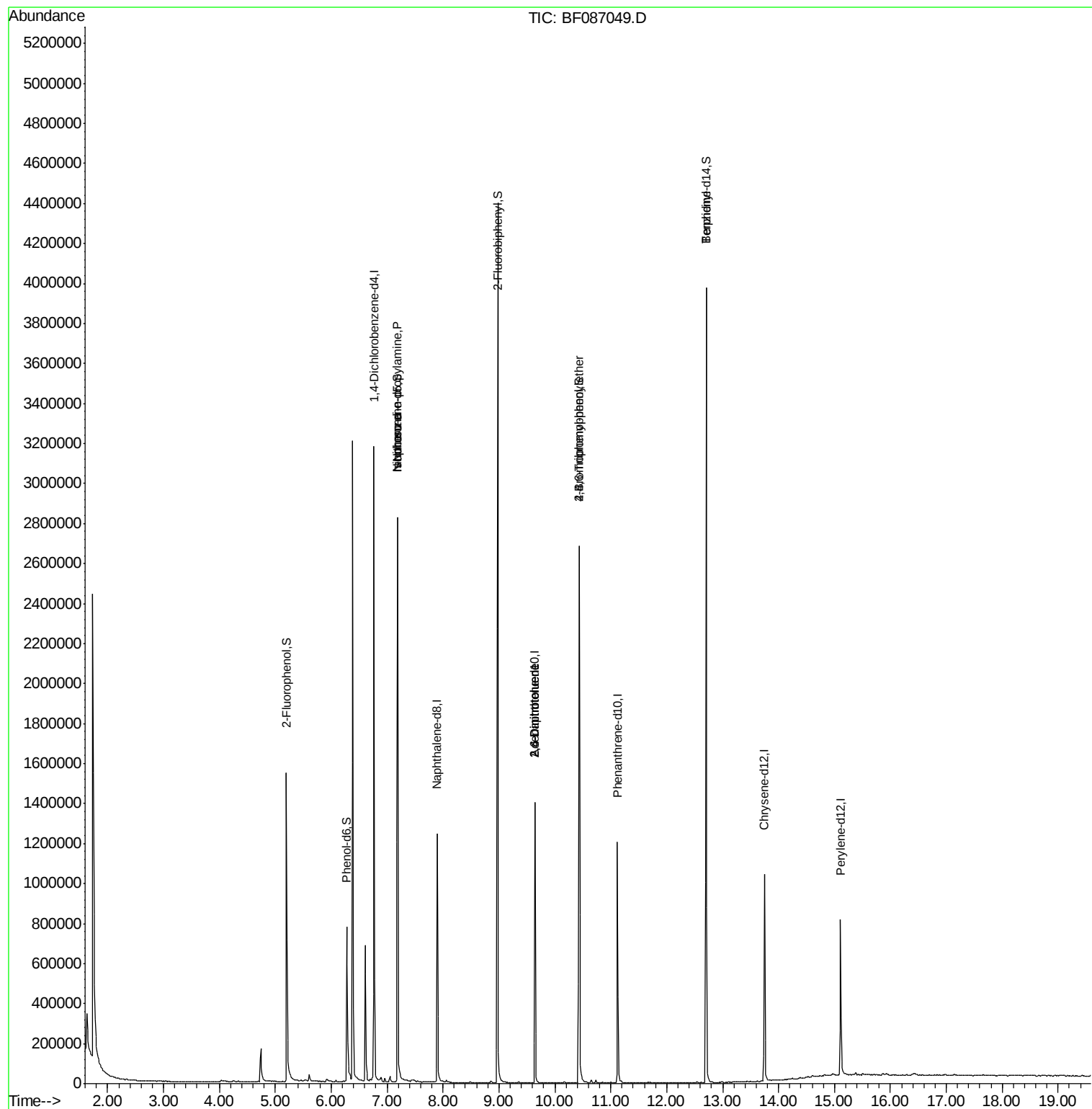
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	420505	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	547061	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	265643	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	471084	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	353767	20.00	ng	-0.09
86) Perylene-d12	15.11	264	348783	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	476941	19.21	ng	-0.09
7) Phenol-d6	6.27	99	367494	11.07	ng	-0.09
23) Nitrobenzene-d5	7.19	82	969901	89.02	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	329800	117.27	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1531312	96.88	ng	-0.08
78) Terphenyl-d14	12.71	244	1251784	75.08	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	139860	6.03	ng	# 73
25) Isophorone	7.19	82	951636	47.08	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	33172	7.78	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	33174	6.28	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	19527	4.09	ng	# 1
76) Benzidine	12.71	184	19156	2.12	ng	98

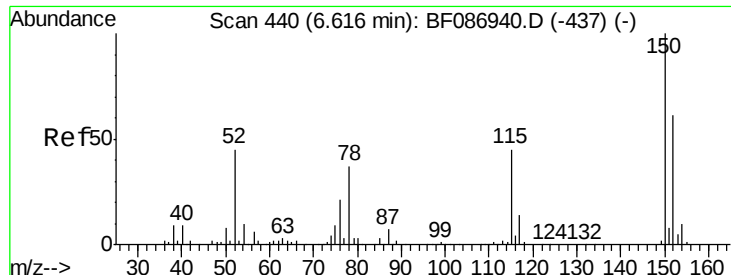
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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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: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

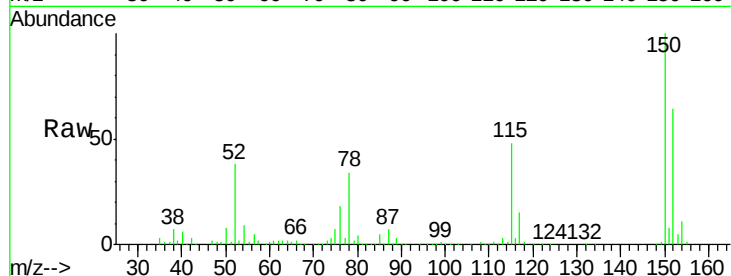
Tgt Ion:152 Resp: 420505

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

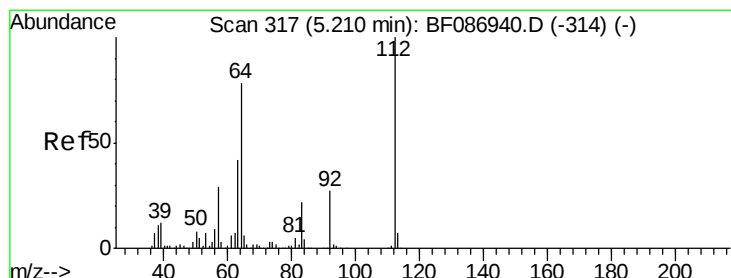
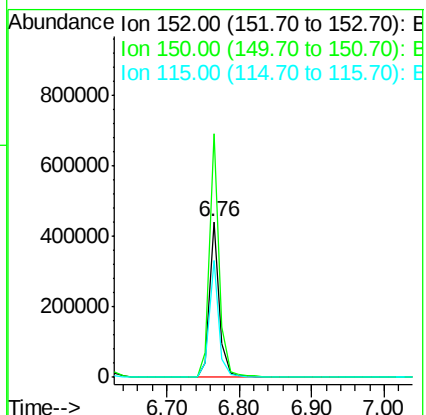
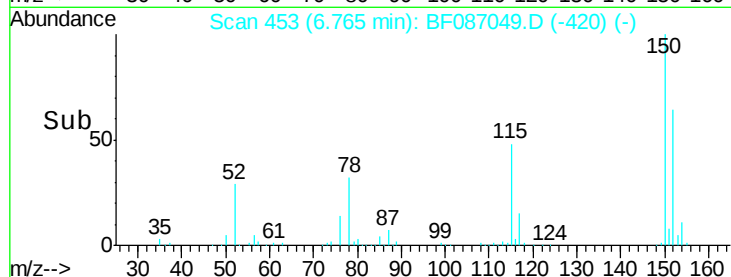
115 75.1 51.5 77.3



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: 19.21 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

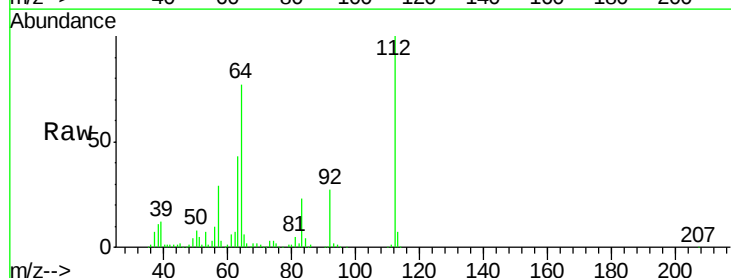
Tgt Ion:112 Resp: 476941

Ion Ratio Lower Upper

112 100

64 77.3 52.1 78.1

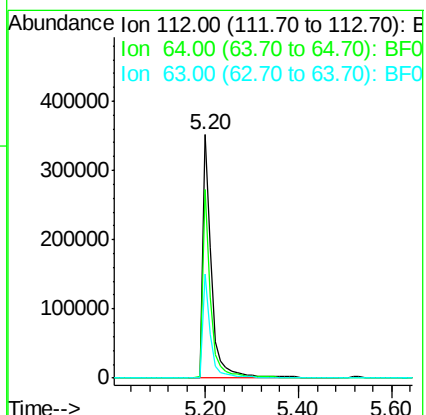
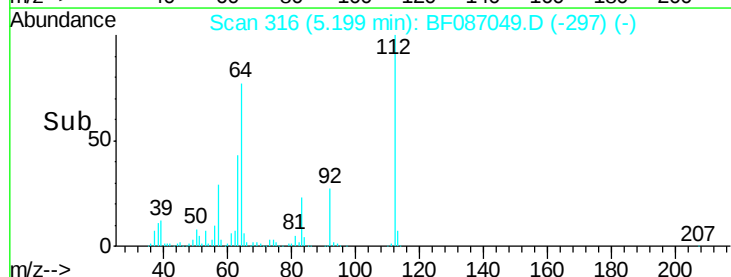
63 42.6 25.7 38.5#



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: 11.07 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

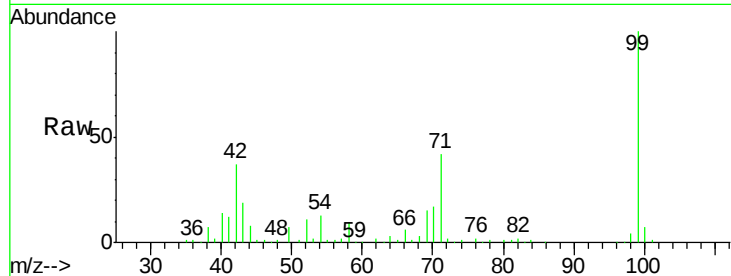
Tgt Ion: 99 Resp: 367494

Ion Ratio Lower Upper

99 100

42 36.5 13.6 20.4#

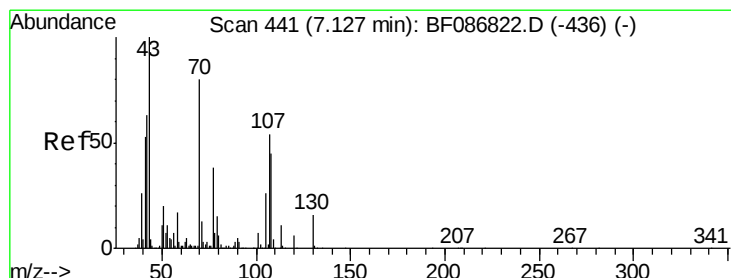
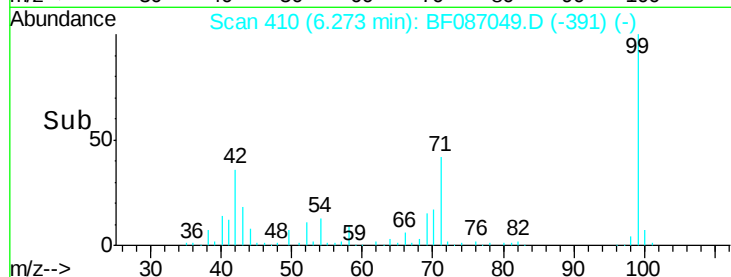
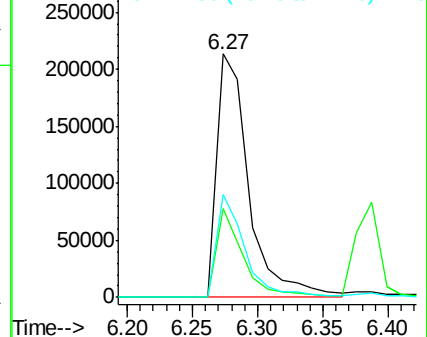
71 42.2 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.03 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Tgt Ion: 70 Resp: 139860

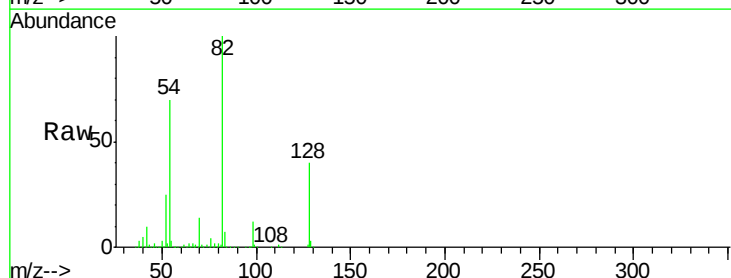
Ion Ratio Lower Upper

70 100

42 67.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

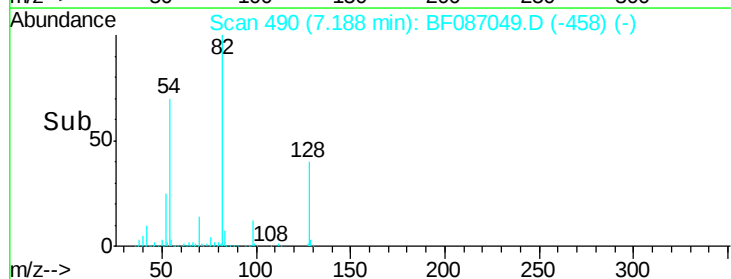
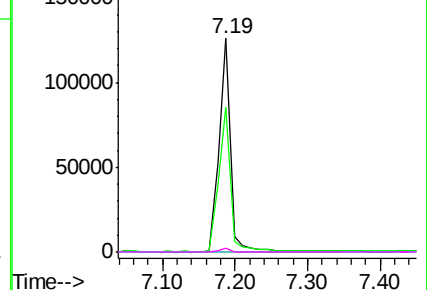


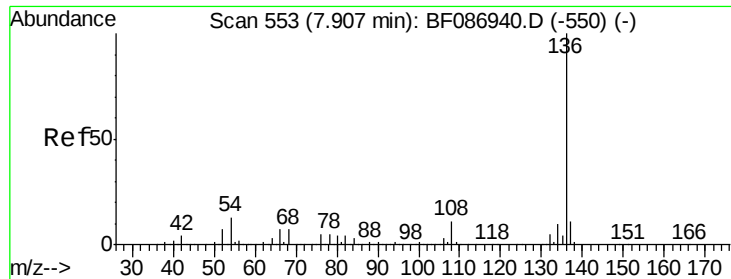
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

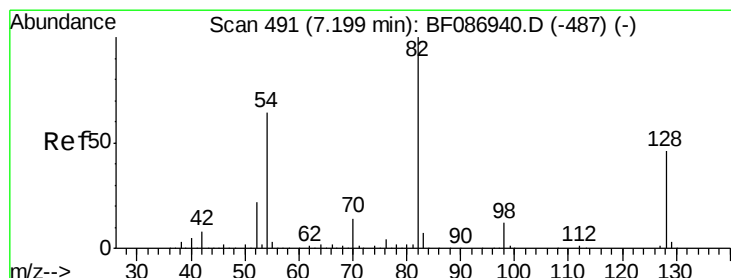
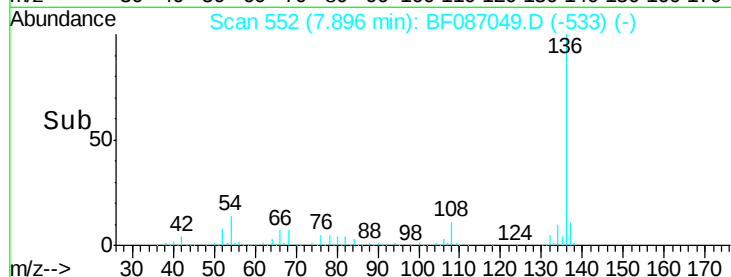
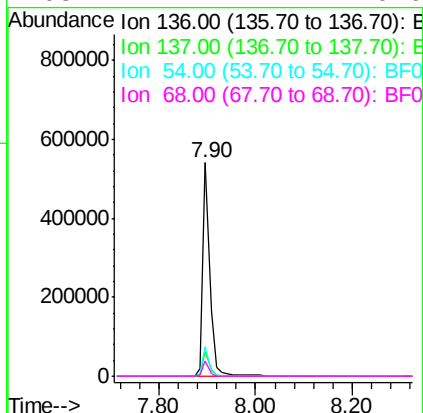
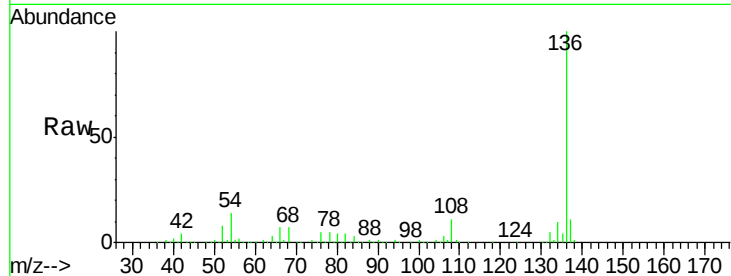




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

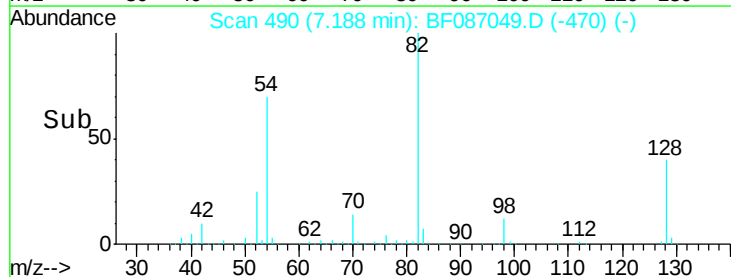
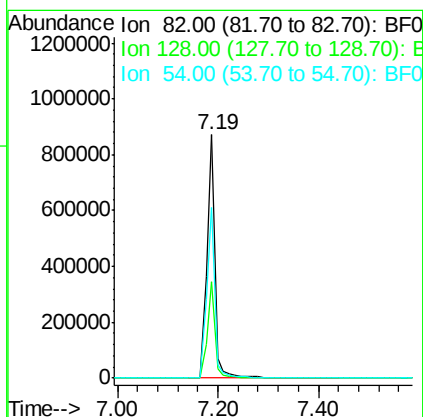
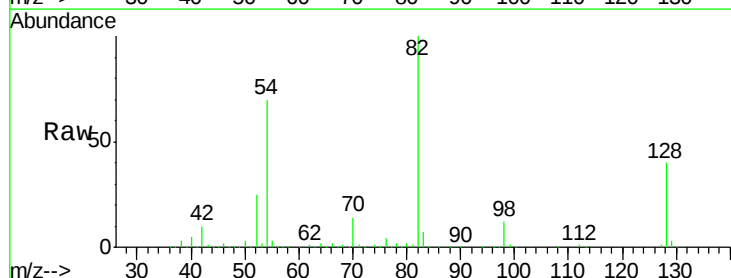
Instrument :
BNA_F
ClientSampleId :
KBFIELDBLANK2-5-9-16

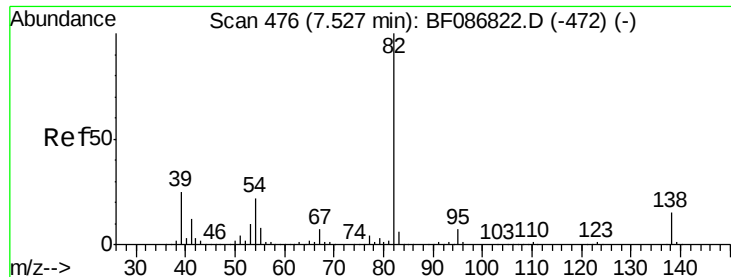
Tgt Ion:	136	Resp:	547061
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.7	5.0	7.4#
68	7.1	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 89.02 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

Tgt Ion:	82	Resp:	969901
Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	70.0	38.1	57.1#





#25

Isophorone

Concen: 47.08 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

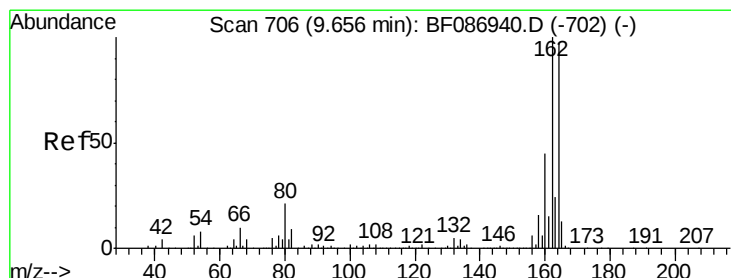
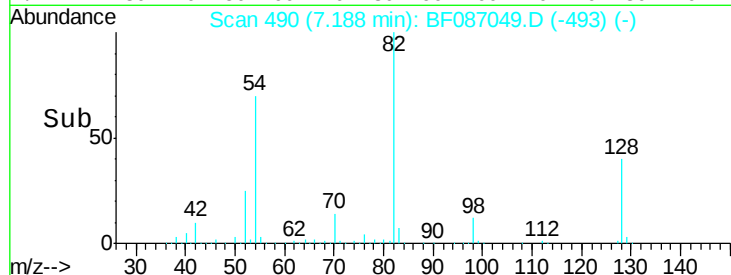
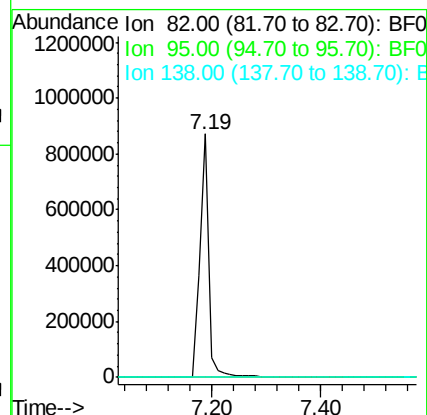
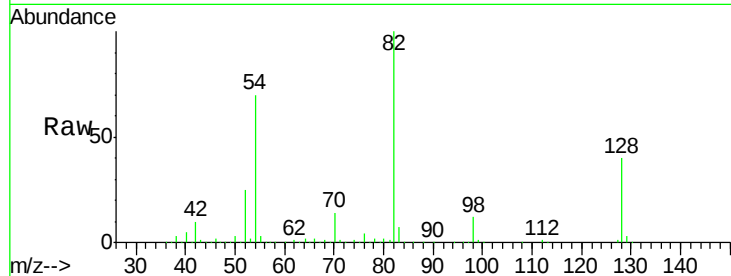
Tgt Ion: 82 Resp: 951636

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

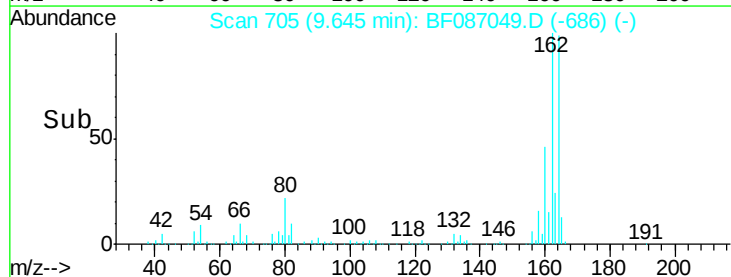
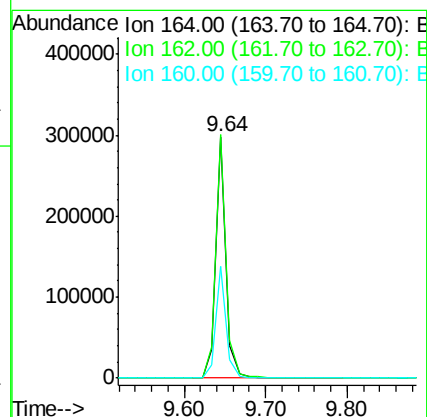
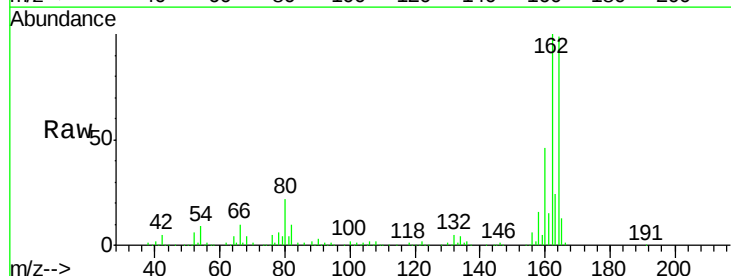
Tgt Ion: 164 Resp: 265643

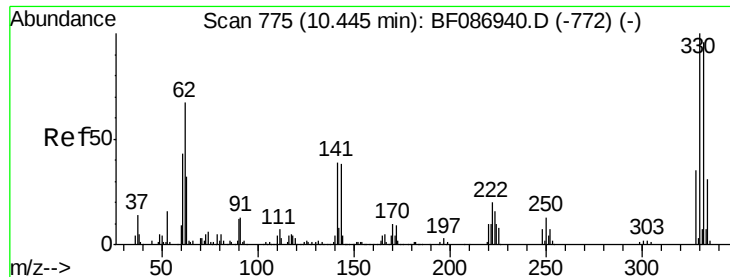
Ion Ratio Lower Upper

164 100

162 100.8 82.8 124.2

160 46.0 36.9 55.3

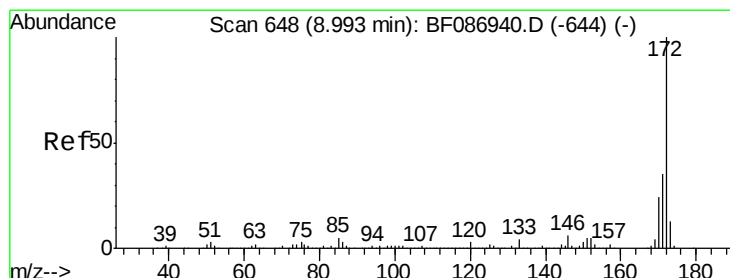
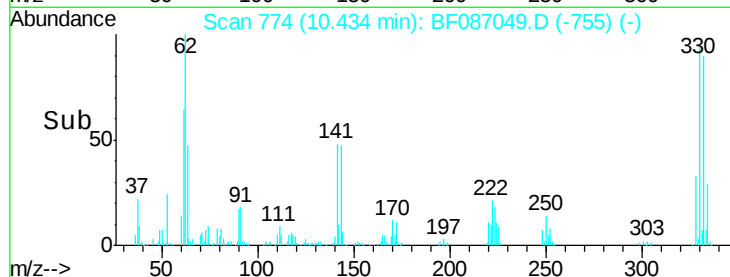
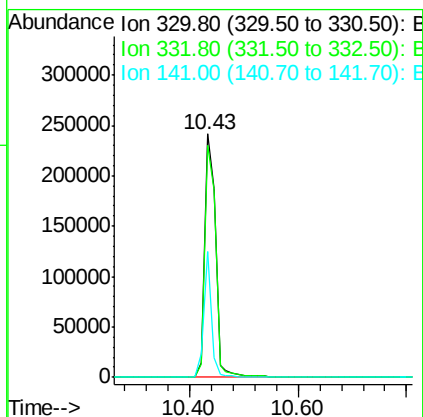
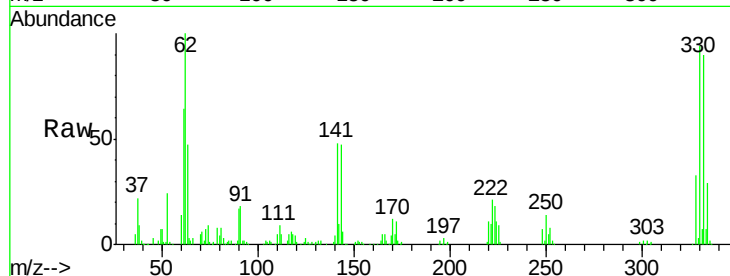




#41
 2,4,6-Tribromophenol
 Concen: 117.27 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

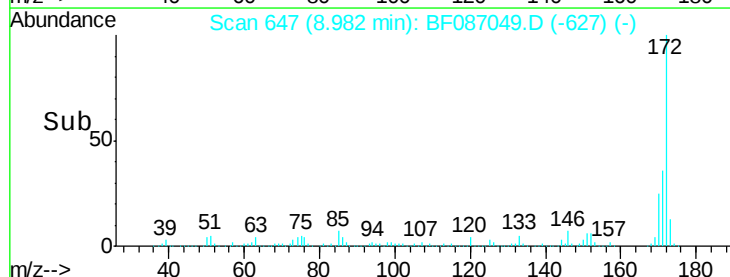
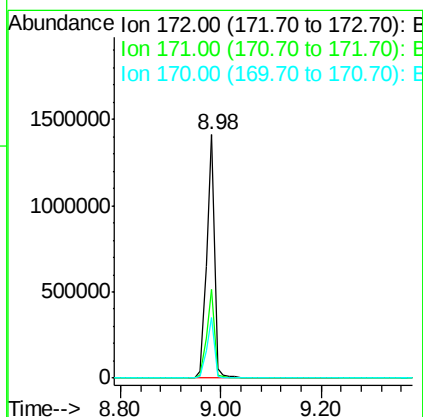
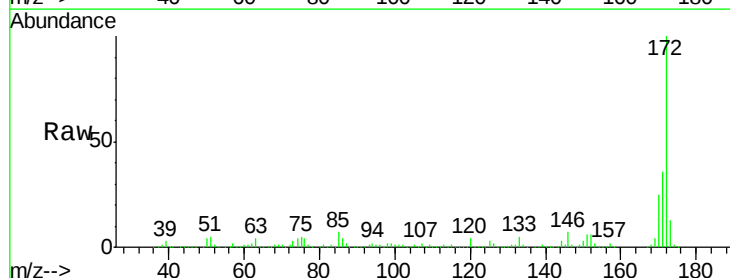
Instrument :
 BNA_F
 ClientSampleId :
 KBFIELDBLANK2-5-9-16

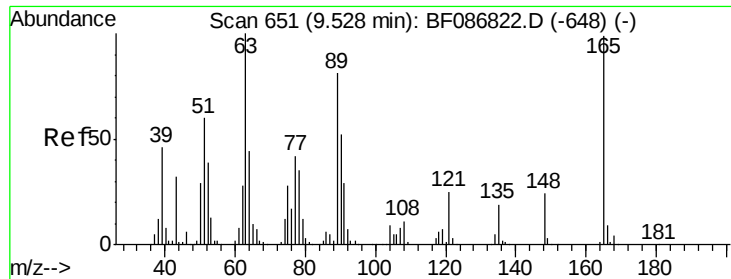
Tgt Ion:330 Resp: 329800
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 37.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 96.88 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Tgt Ion:172 Resp: 1531312
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.6 19.8 29.8

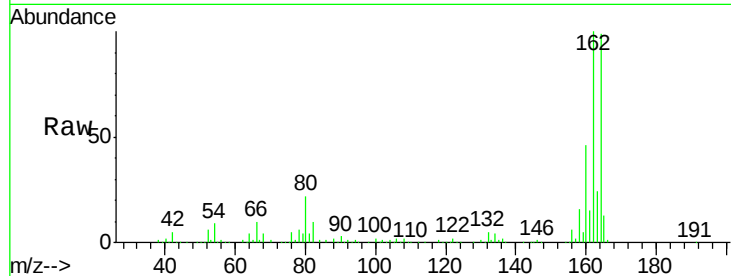




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.12 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Instrument :
 BNA_F
 ClientSampleId :
 KBFIELDBLANK2-5-9-16

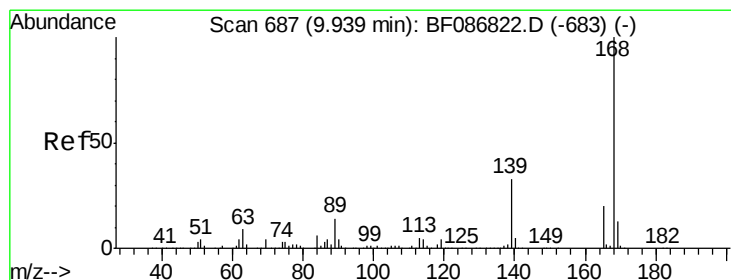
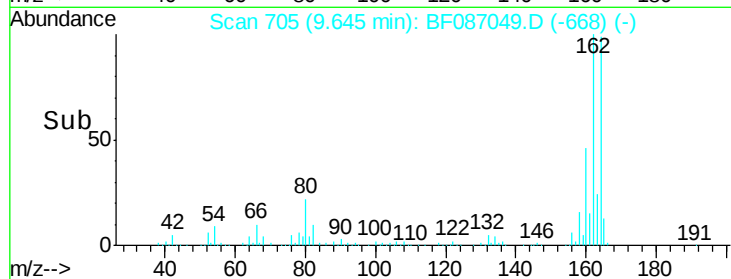
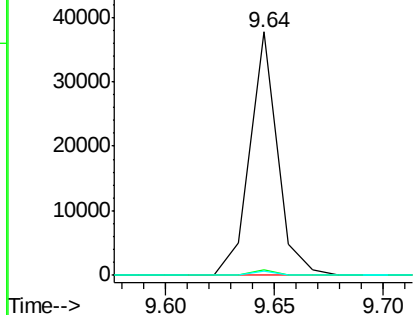
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	51.8	77.8#
89	2.0	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

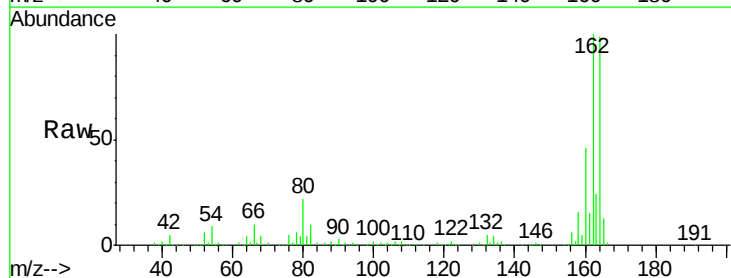
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

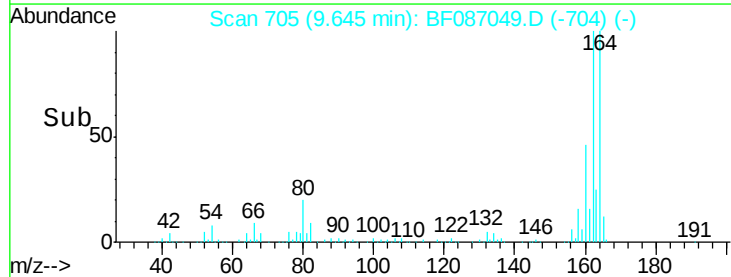
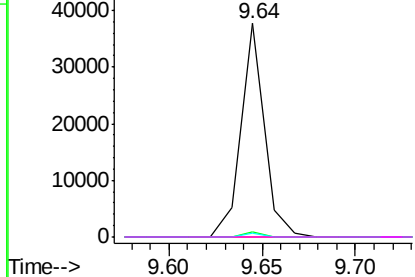


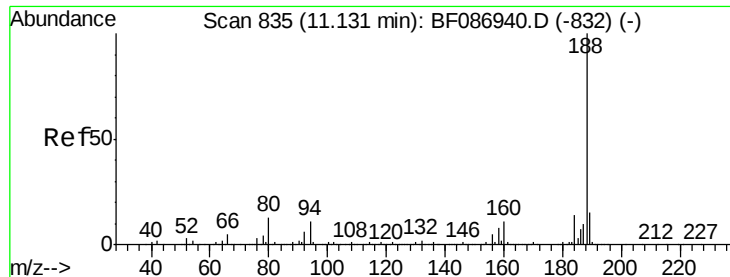
Abundance Ion 165.00 (164.70 to 165.70): E

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

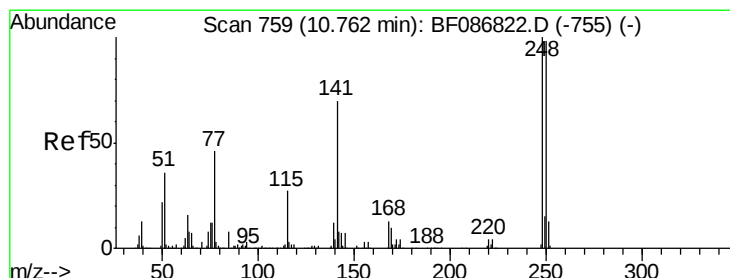
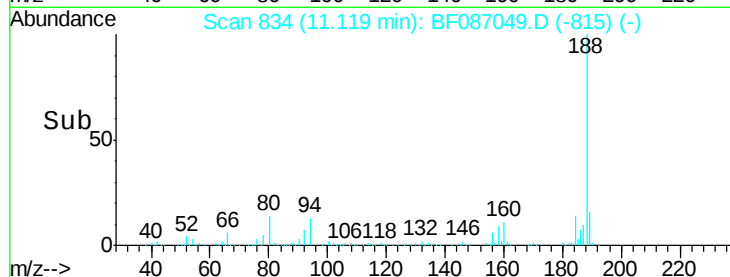
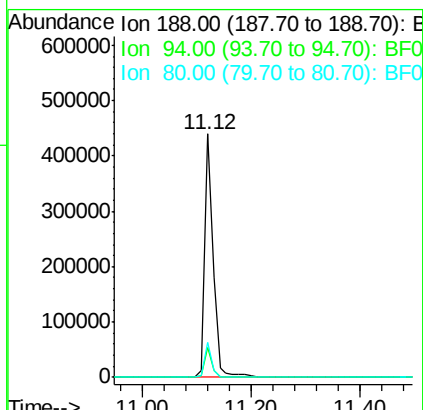
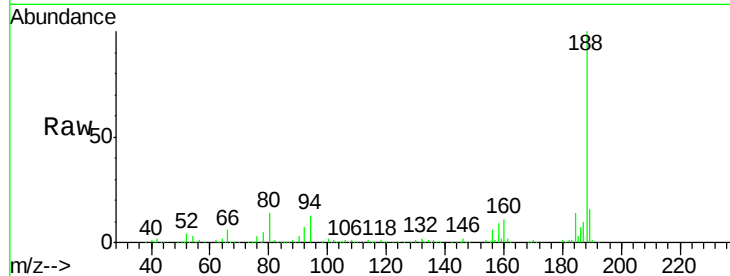




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

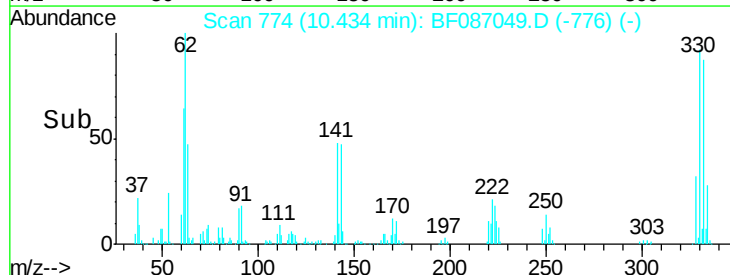
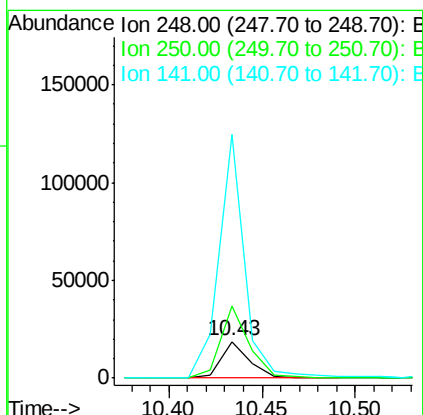
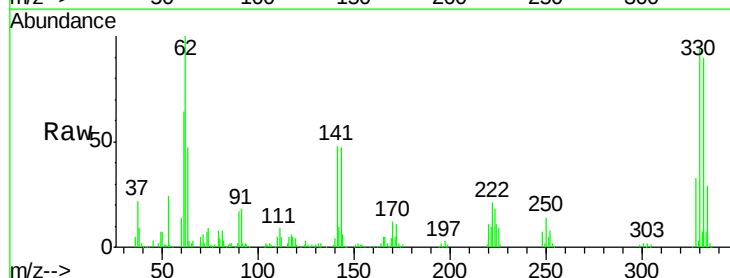
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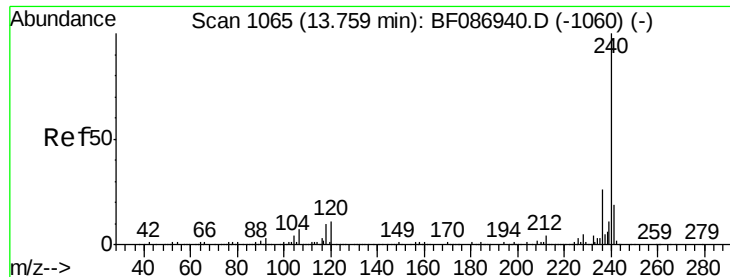
Tgt Ion:188 Resp: 471084
Ion Ratio Lower Upper
188 100
94 12.5 6.8 10.2#
80 14.2 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

Tgt Ion:248 Resp: 19527
Ion Ratio Lower Upper
248 100
250 198.4 78.6 117.8#
141 667.5 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

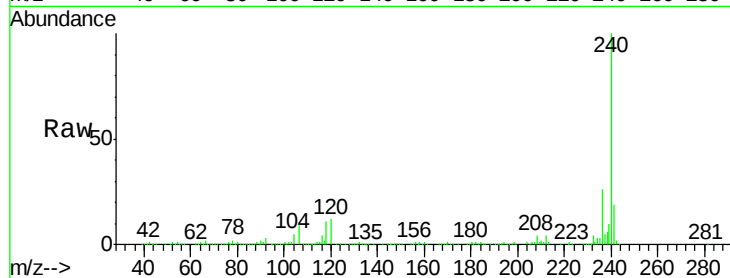
Tgt Ion:240 Resp: 353767

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

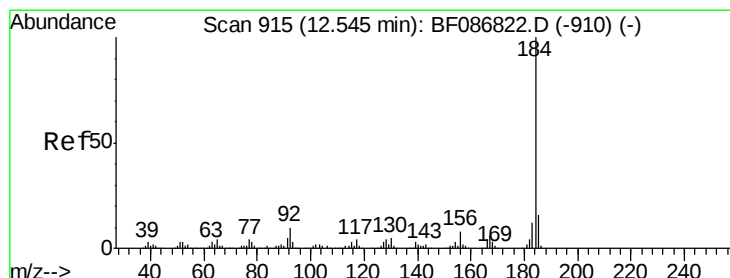
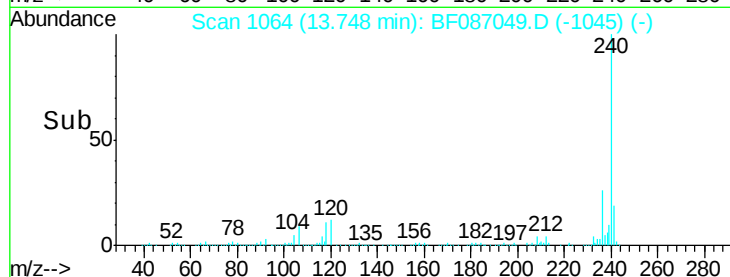
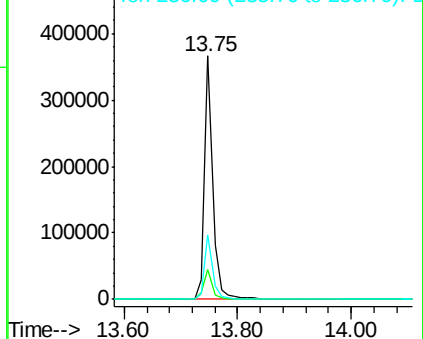
236 26.4 21.2 31.8



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: 2.12 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

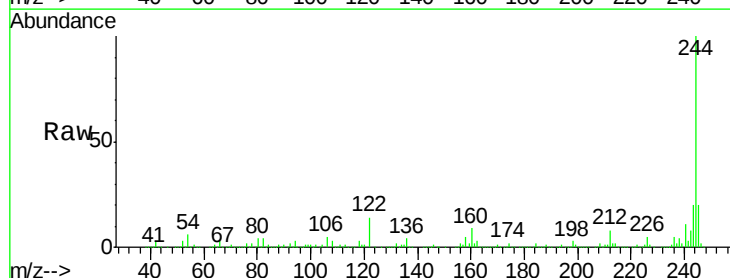
Tgt Ion:184 Resp: 19156

Ion Ratio Lower Upper

184 100

185 17.8 13.6 20.4

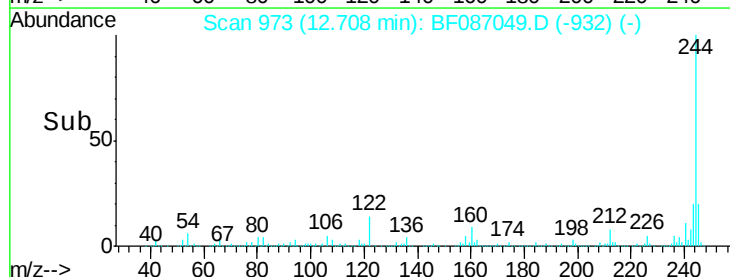
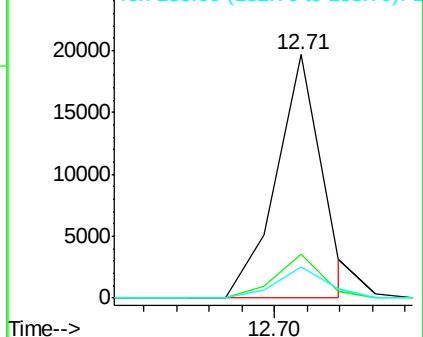
183 12.8 9.8 14.6

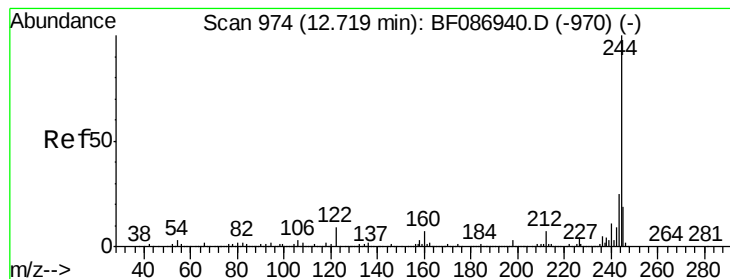


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 75.08 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

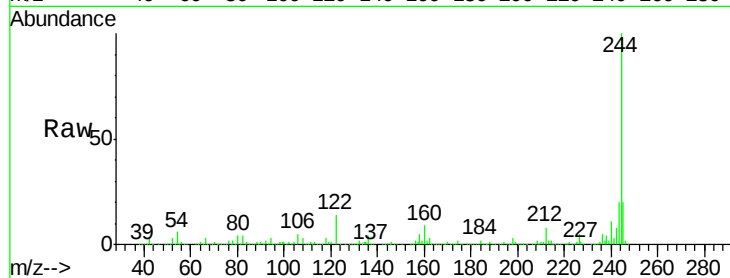
Tgt Ion:244 Resp: 1251784

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

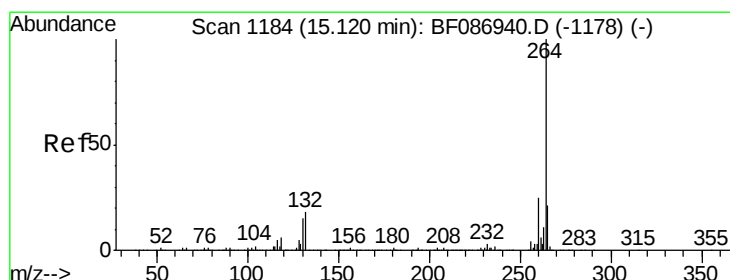
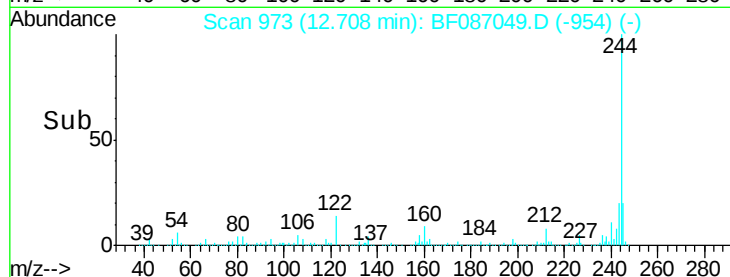
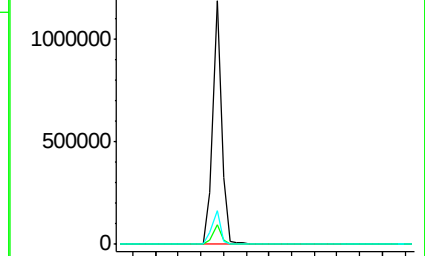
122 14.1 12.0 18.0



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: BF087049.D

Acq: 15 May 2016 5:22

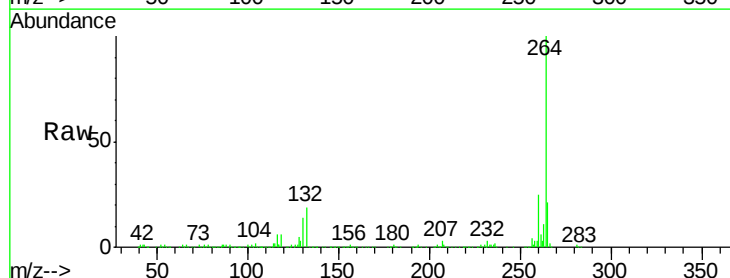
Tgt Ion:264 Resp: 348783

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.2 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

