

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087172.D
 Acq On : 19 May 2016 5:47
 Operator : UM/SJ
 Sample : H3105-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EASTNY-FIELDBLANK1-5-12-16

Quant Time: May 19 06:33:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

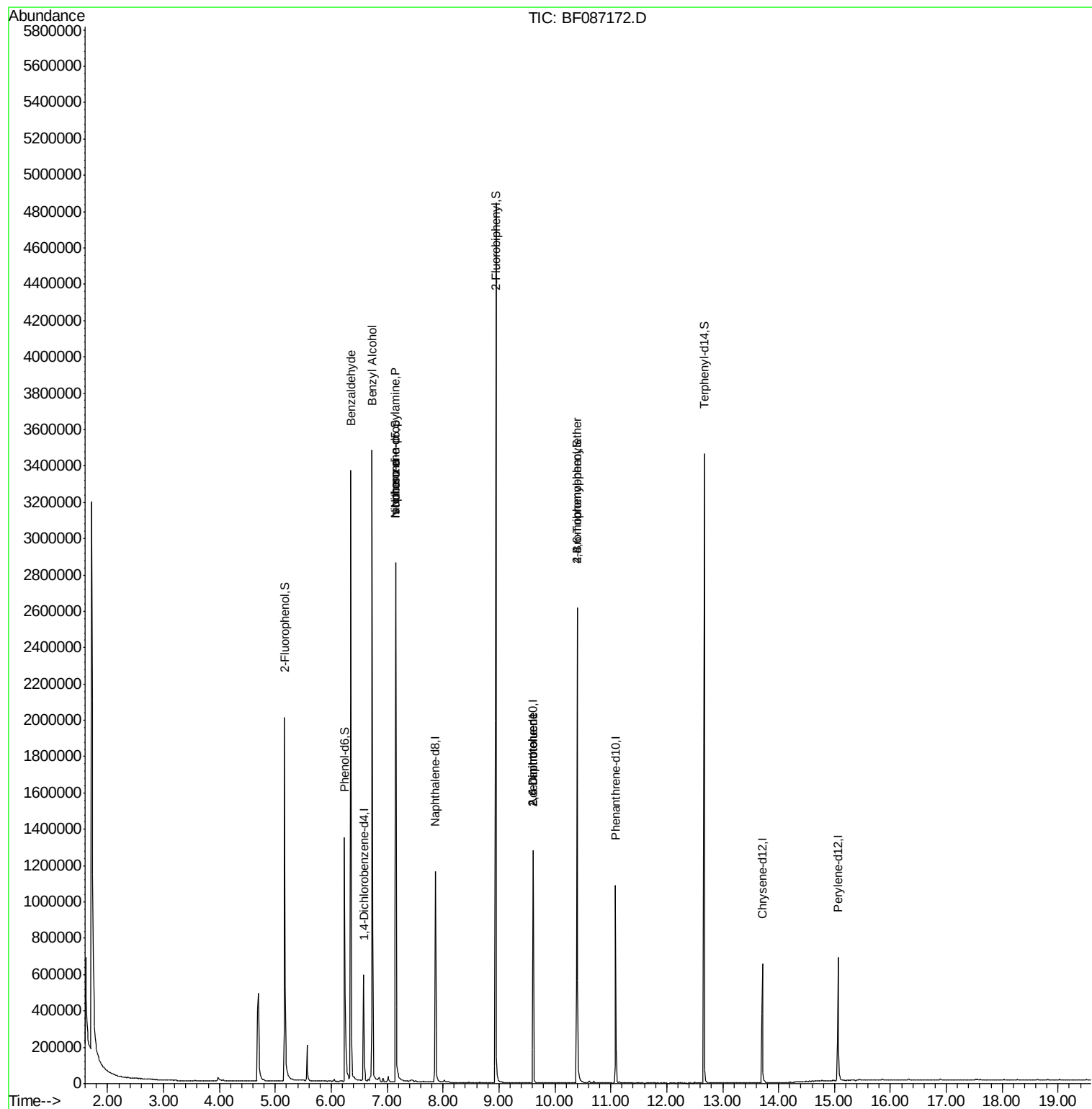
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	121469	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	501710	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	231479	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	373485	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	281727	20.00	ng	-0.05
86) Perylene-d12	15.06	264	289872	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	564776	78.15	ng	-0.03
7) Phenol-d6	6.24	99	471782	48.68	ng	-0.05
23) Nitrobenzene-d5	7.15	82	927926	92.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	300984	117.67	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1522837	108.95	ng	-0.03
78) Terphenyl-d14	12.67	244	1204275	96.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	27383	3.93	ng	# 79
15) Benzyl Alcohol	6.73	79	16333	2.26	ng	# 42
19) n-Nitroso-di-n-propylamine	7.15	70	132677	18.01	ng	# 72
25) Isophorone	7.15	82	744938	40.42	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	28681	7.48	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	28681	5.84	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	18153	4.73	ng	# 1

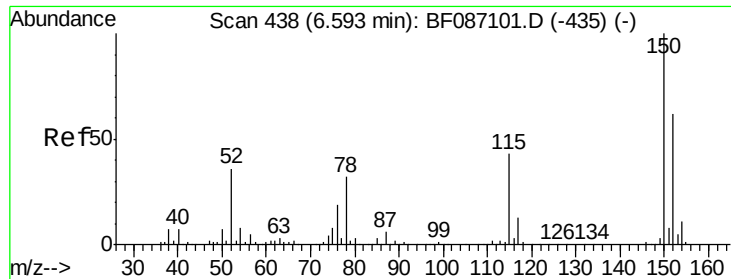
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Instrument :

BNA_F

ClientSampleId :

EASTNY-FIELDBLANK1-5-12-16

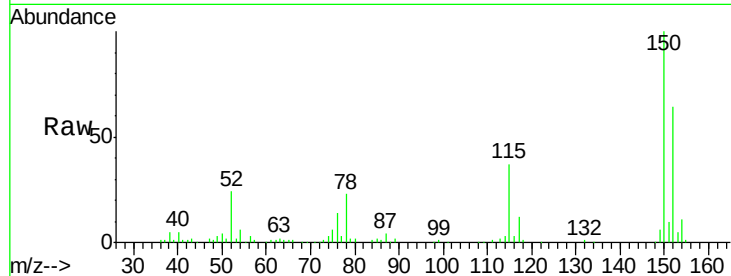
Tgt Ion:152 Resp: 121469

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

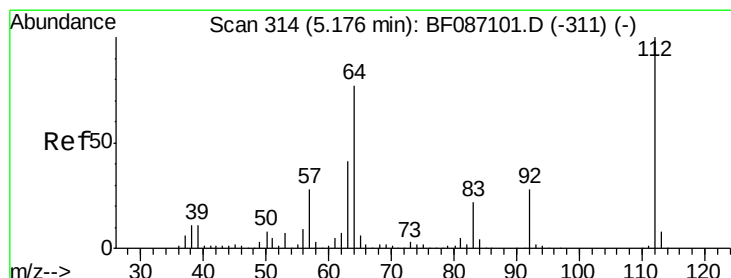
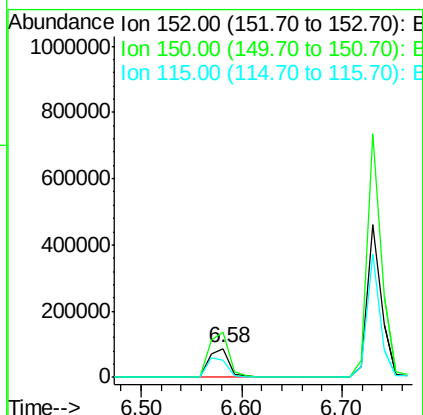
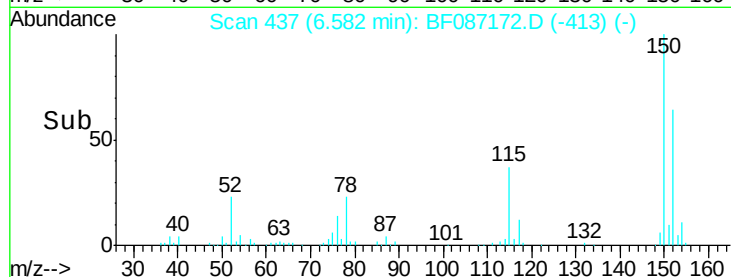
115 57.9 51.5 77.3



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: 78.15 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

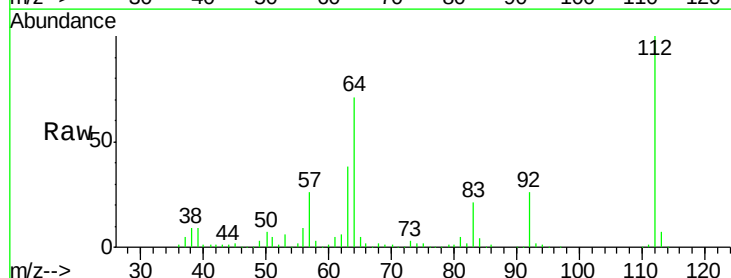
Tgt Ion:112 Resp: 564776

Ion Ratio Lower Upper

112 100

64 70.6 52.1 78.1

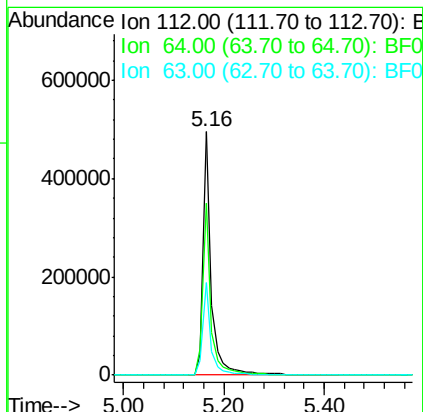
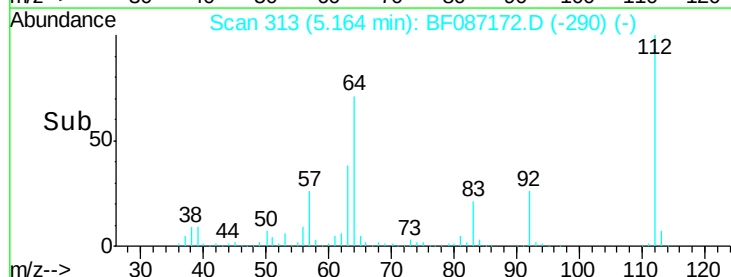
63 37.9 25.7 38.5

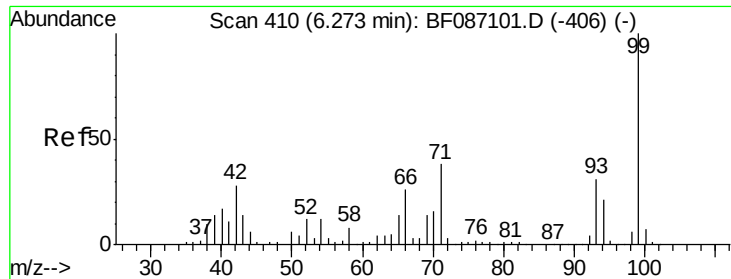


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.68 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Instrument :

BNA_F

ClientSampleId :

EASTNY-FIELDBLANK1-5-12-16

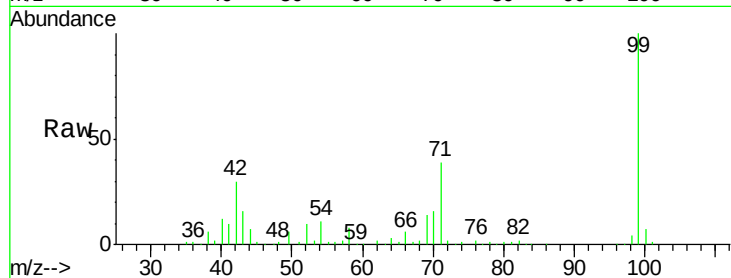
Tgt Ion: 99 Resp: 471782

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

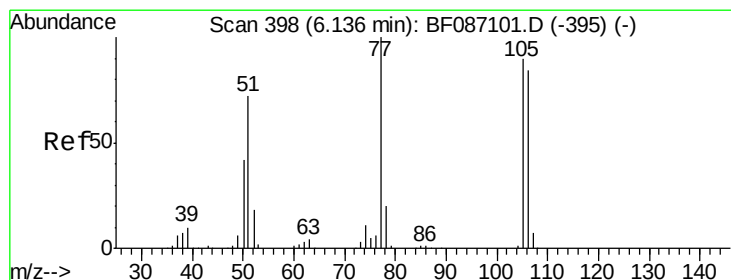
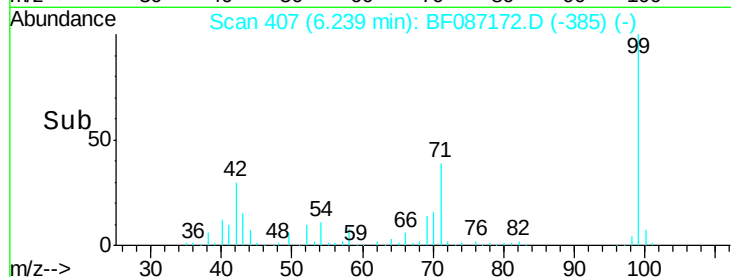
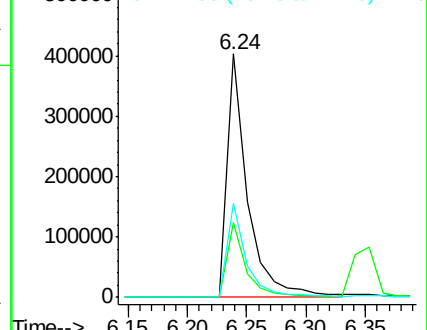
71 38.6 24.6 36.8#



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



#9

Benzaldehyde

Concen: 3.93 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

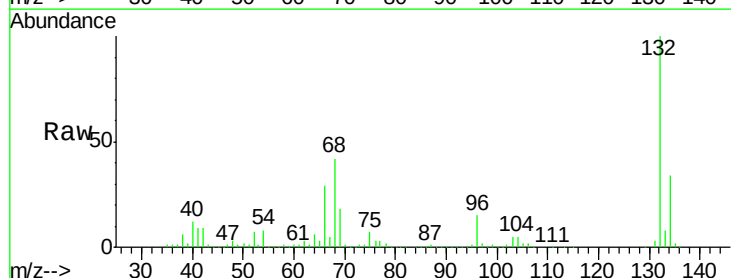
Tgt Ion: 77 Resp: 27383

Ion Ratio Lower Upper

77 100

105 77.4 72.7 112.7

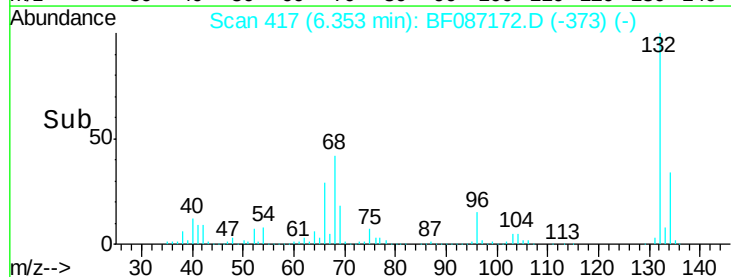
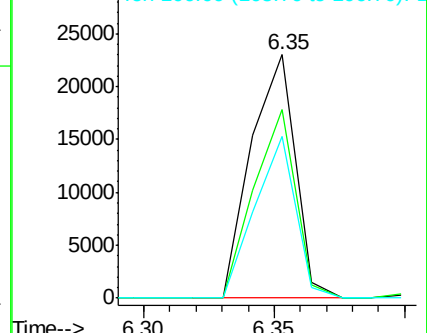
106 66.3 70.8 110.8#

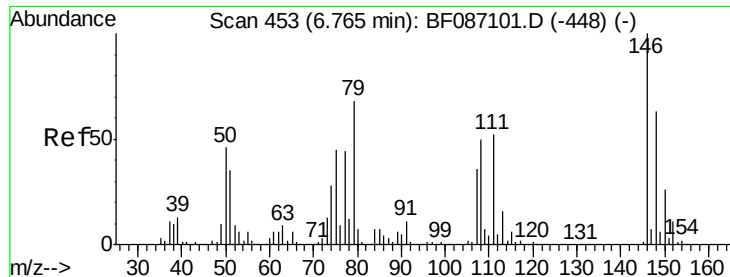


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Instrument :

BNA_F

ClientSampleId :

EASTNY-FIELDBLANK1-5-12-16

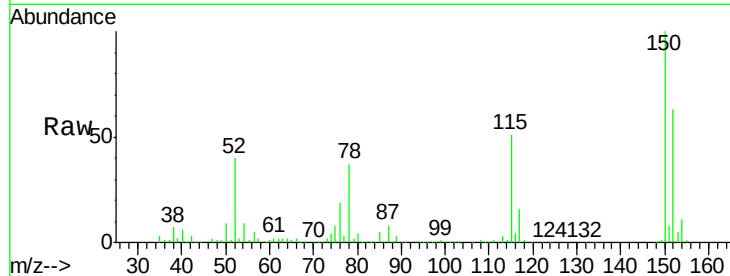
Tgt Ion: 79 Resp: 16333

Ion Ratio Lower Upper

79 100

108 30.3 68.4 102.6#

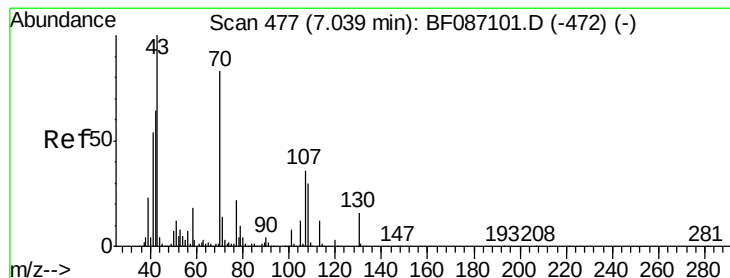
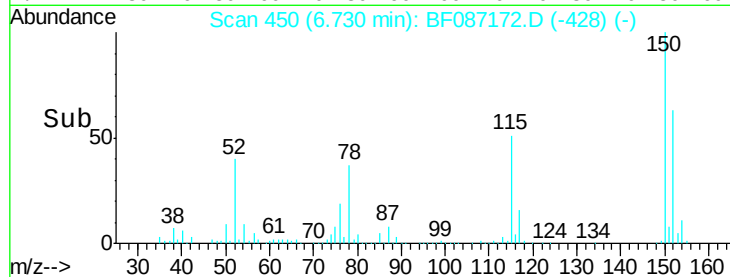
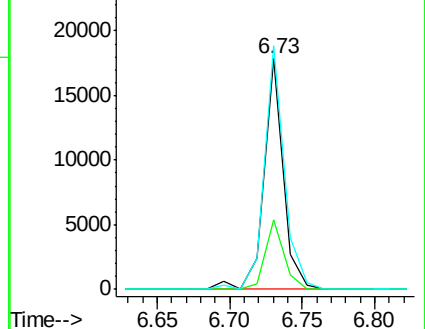
77 105.7 50.6 76.0#



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: 18.01 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Tgt Ion: 70 Resp: 132677

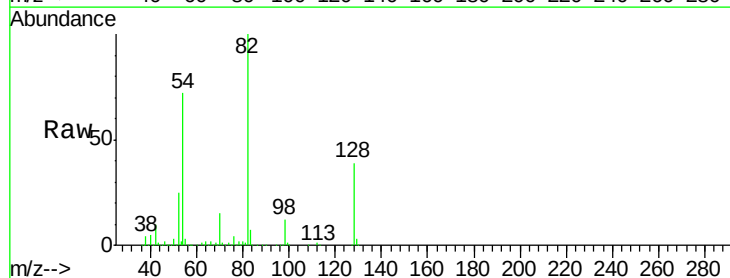
Ion Ratio Lower Upper

70 100

42 68.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

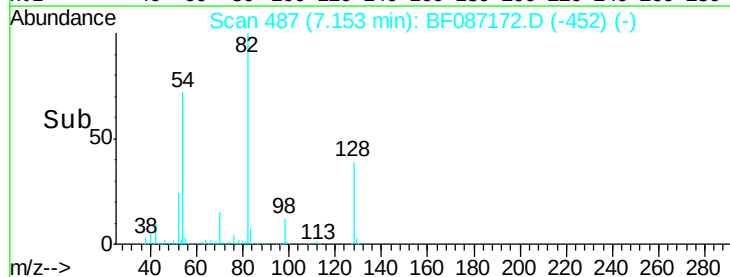
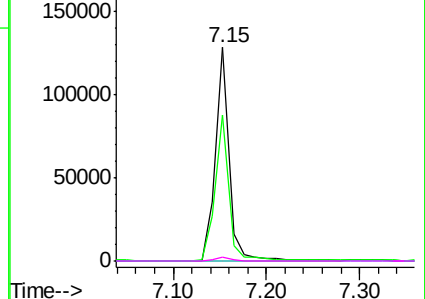


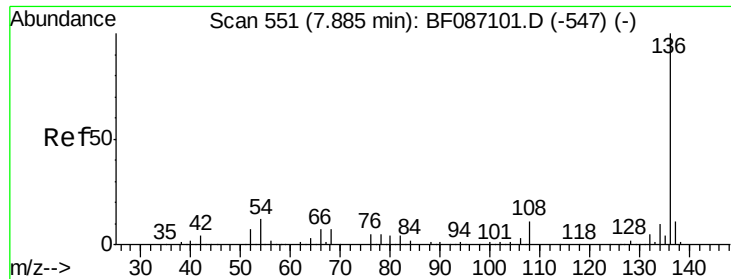
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

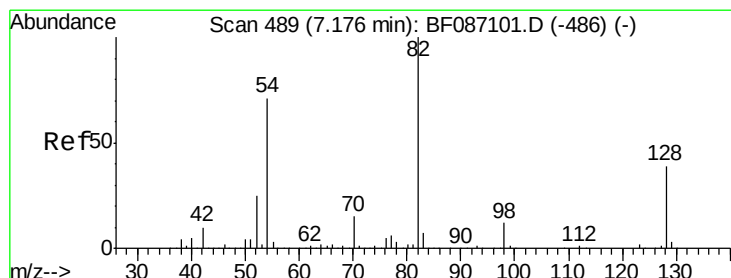
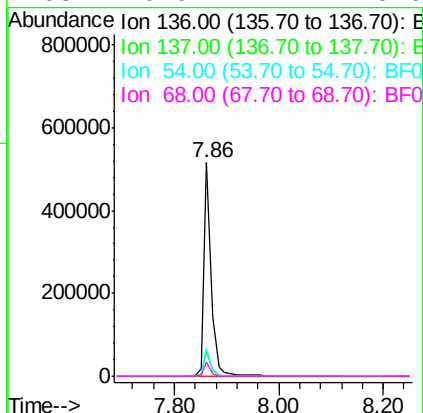
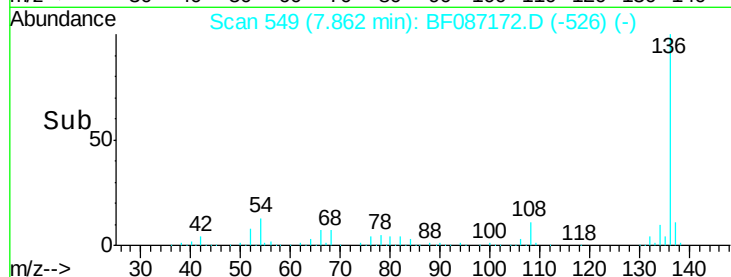
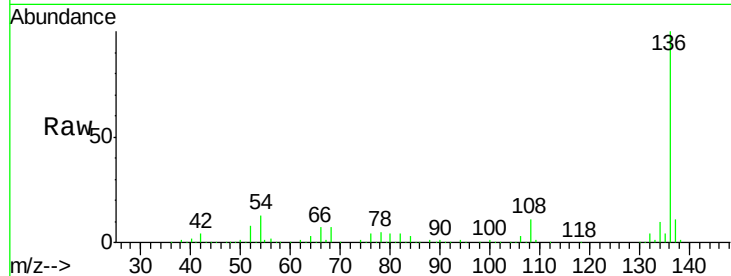




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087172.D
Acq: 19 May 2016 5:47

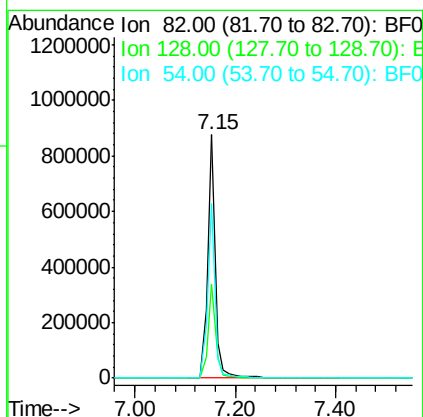
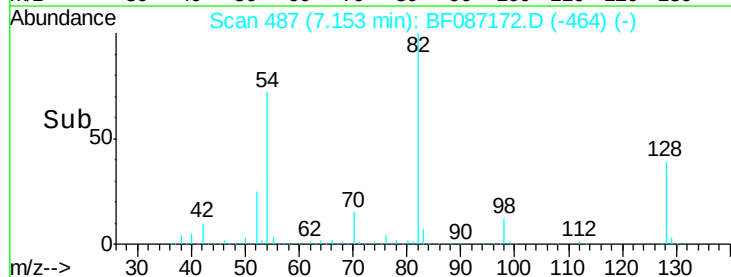
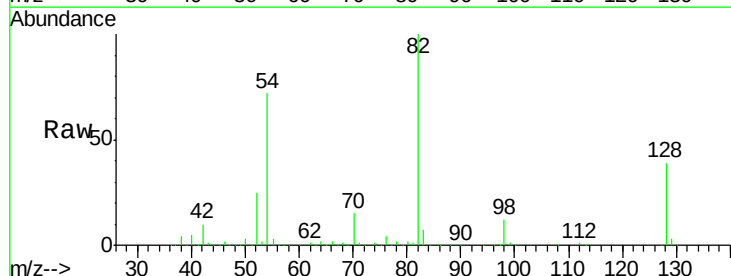
Instrument :
BNA_F
ClientSampleId :
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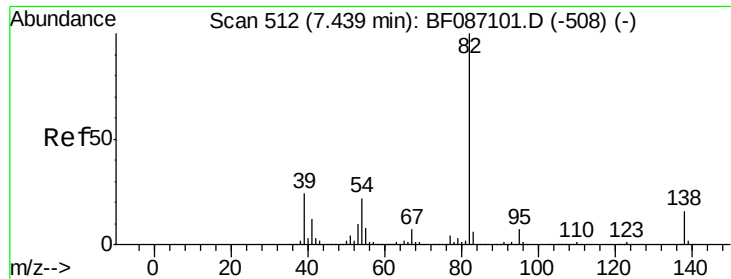
Tgt Ion:	136	Resp:	501710
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.9	5.0	7.4#
68	6.9	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 92.18 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087172.D
Acq: 19 May 2016 5:47

Tgt Ion:	82	Resp:	927926
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	71.7	38.1	57.1#





#25

Isophorone

Concen: 40.42 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Instrument :

BNA_F

ClientSampleId :

EASTNY-FIELDBLANK1-5-12-16

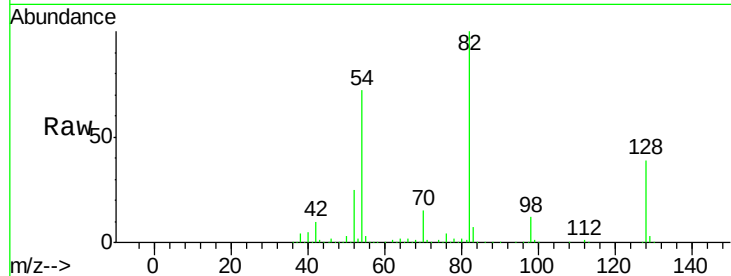
Tgt Ion: 82 Resp: 744938

Ion Ratio Lower Upper

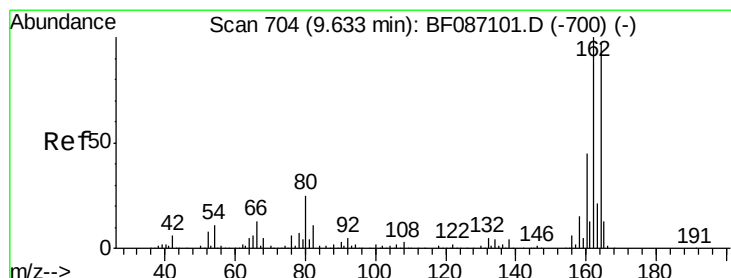
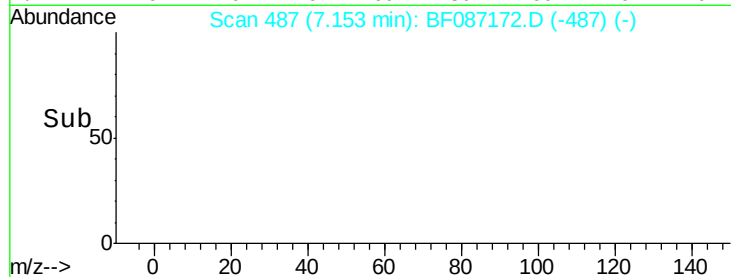
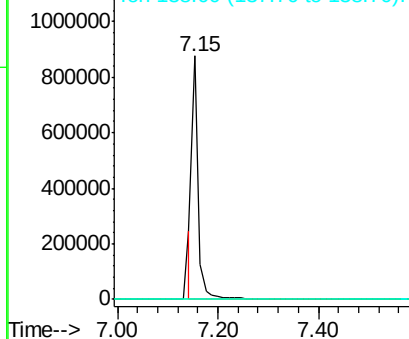
82 100

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: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

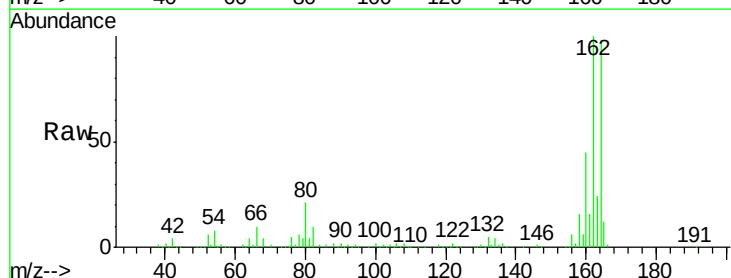
Tgt Ion: 164 Resp: 231479

Ion Ratio Lower Upper

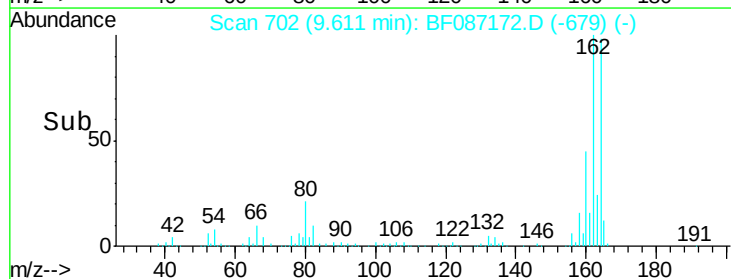
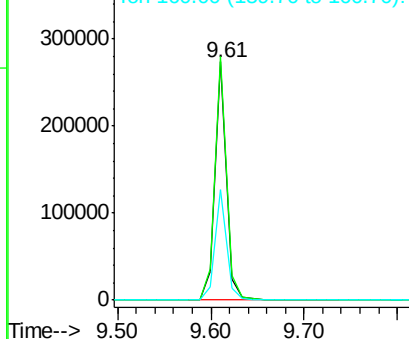
164 100

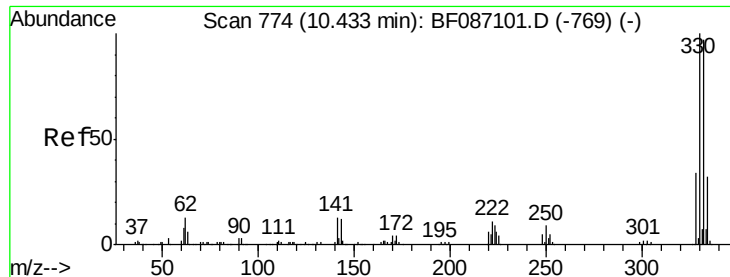
162 102.3 82.8 124.2

160 46.4 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

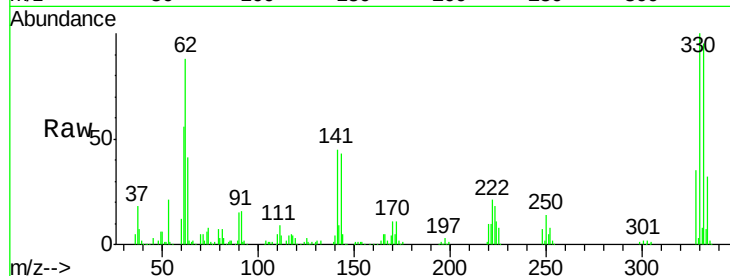




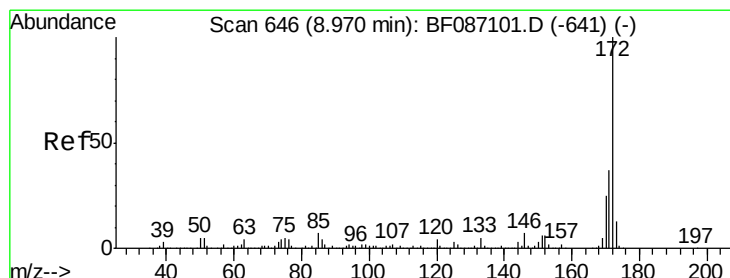
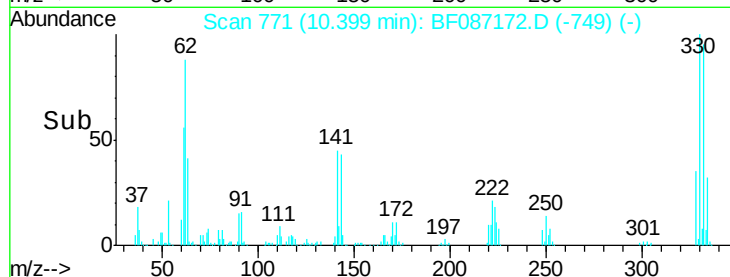
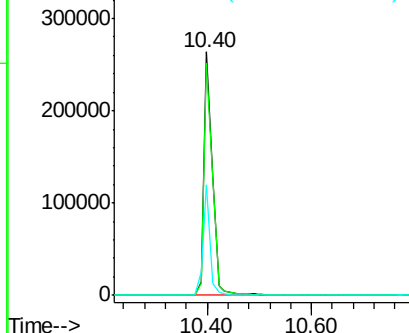
#41
 2,4,6-Tribromophenol
 Concen: 117.67 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	38.3	31.2	46.8

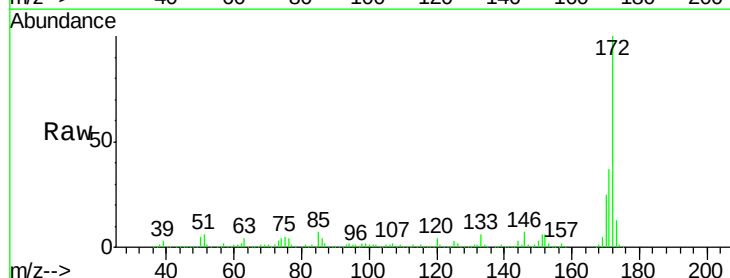


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

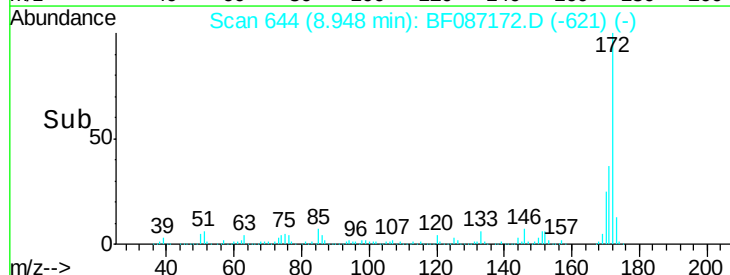
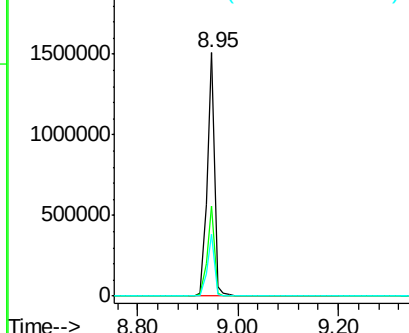


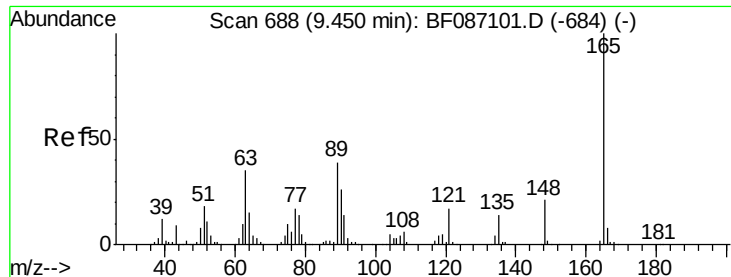
#44
 2-Fluorobiphenyl
 Concen: 108.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.2	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

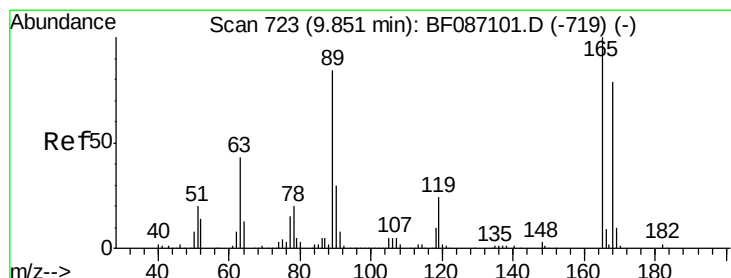
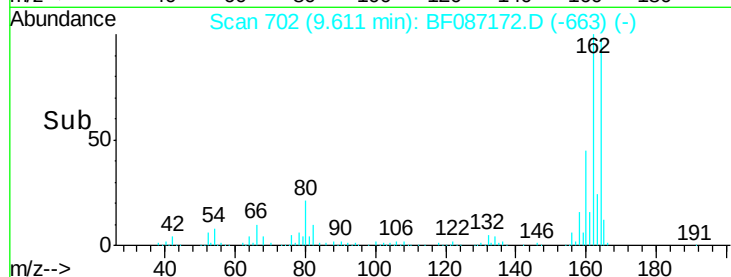
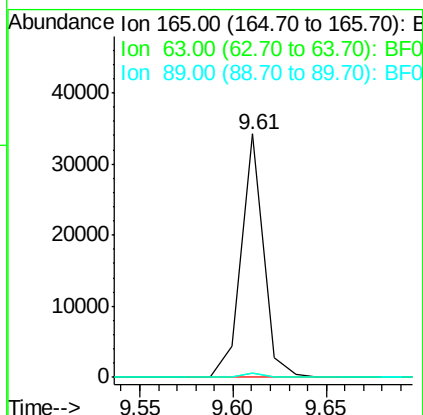
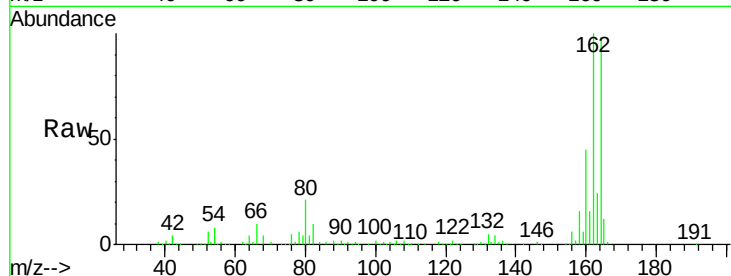




#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.15 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

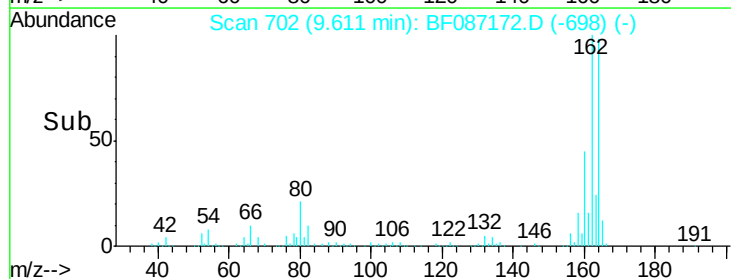
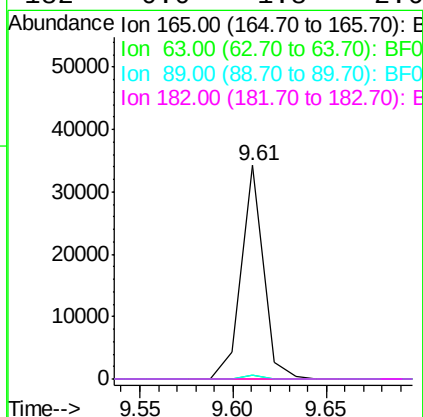
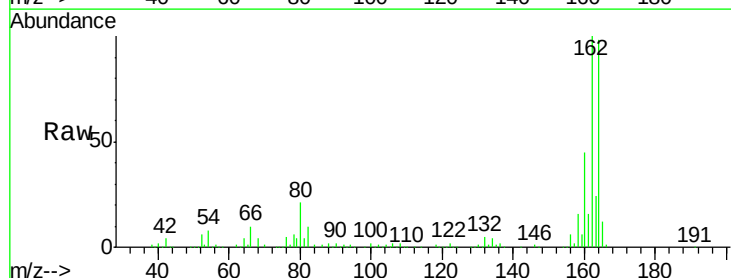
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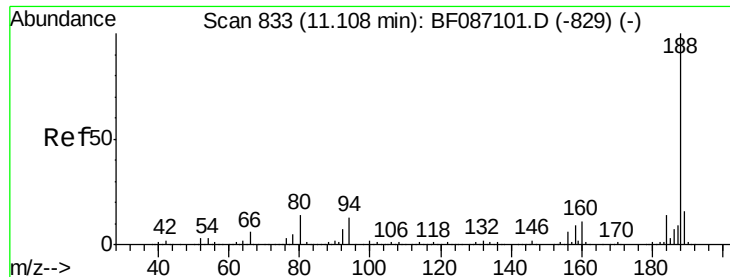
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.8	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

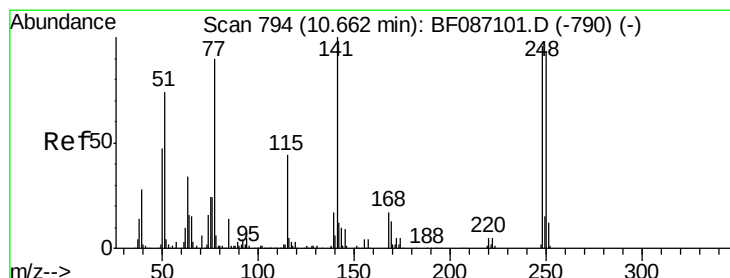
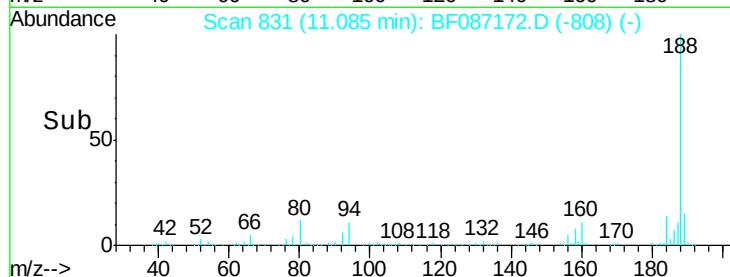
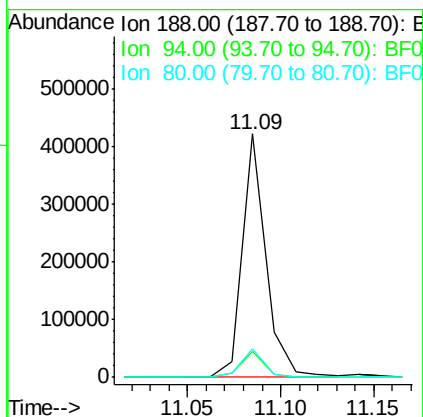
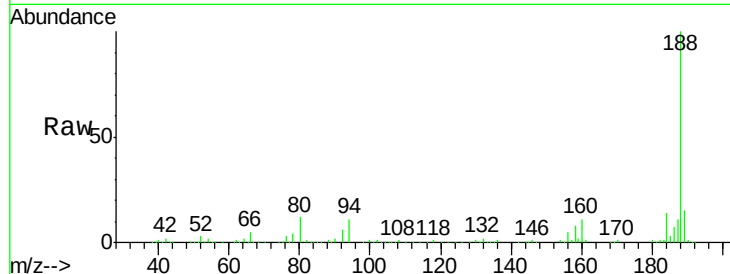




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

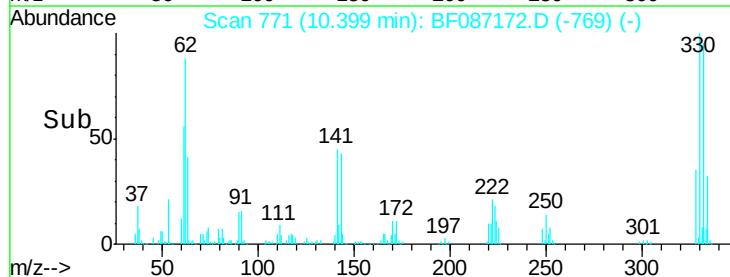
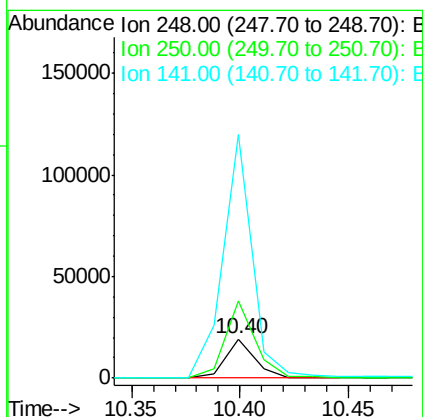
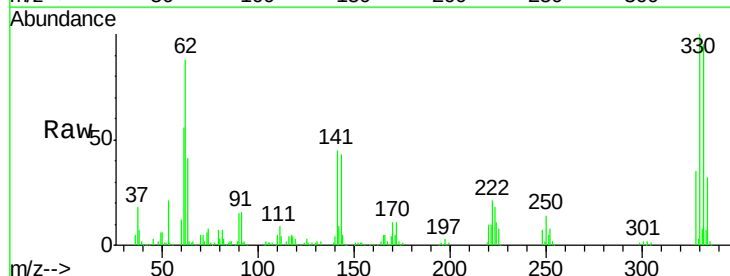
Instrument :
 BNA_F
 ClientSampleId :
 EASTNY-FIELDBLANK1-5-12-16

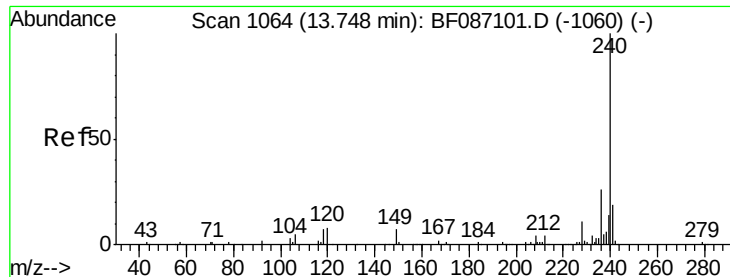
Tgt Ion:188 Resp: 373485
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.8 10.2#
 80 11.8 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087172.D
 Acq: 19 May 2016 5:47

Tgt Ion:248 Resp: 18153
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.6 117.8#
 141 619.4 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

Instrument :

BNA_F

ClientSampleId :

EASTNY-FIELDBLANK1-5-12-16

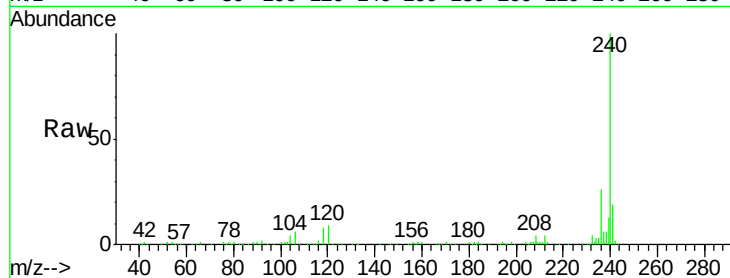
Tgt Ion:240 Resp: 281727

Ion Ratio Lower Upper

240 100

120 8.6 11.2 16.8#

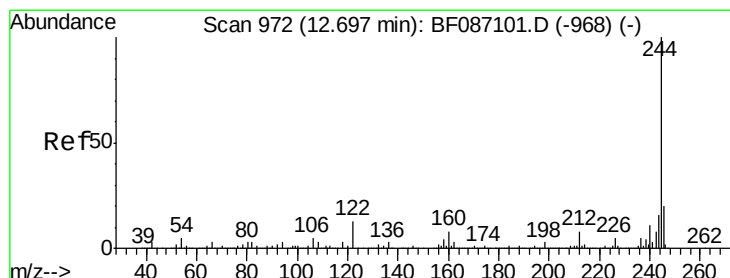
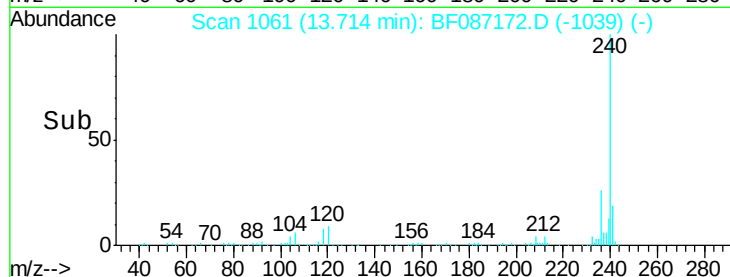
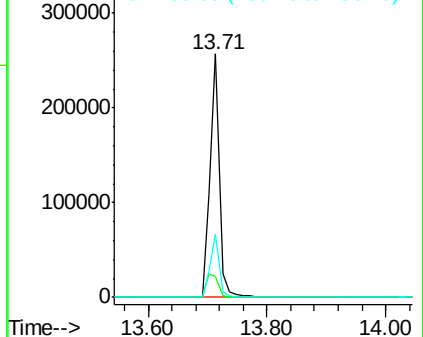
236 26.0 21.2 31.8



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



#78

Terphenyl-d14

Concen: 96.70 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087172.D

Acq: 19 May 2016 5:47

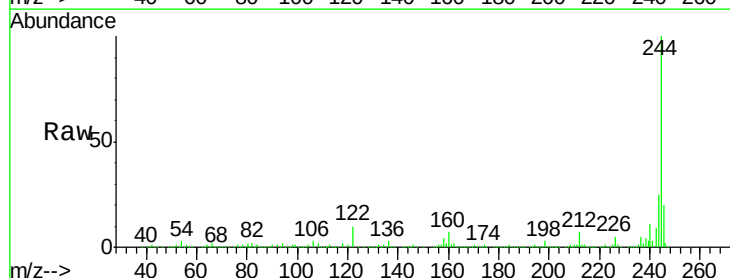
Tgt Ion:244 Resp: 1204275

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

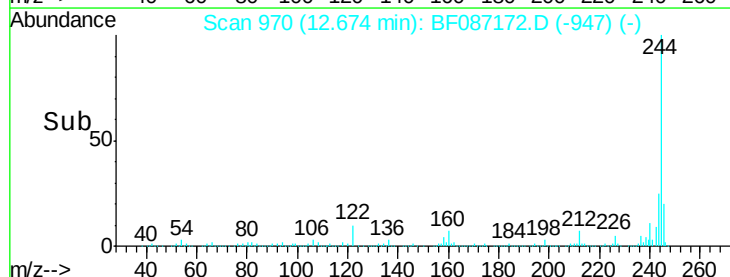
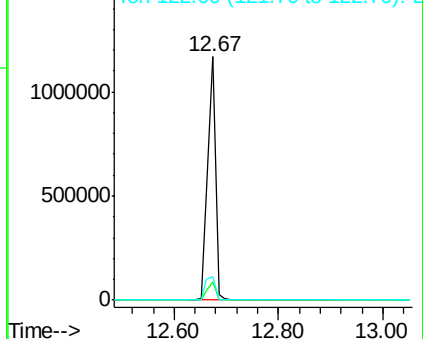
122 9.6 12.0 18.0#

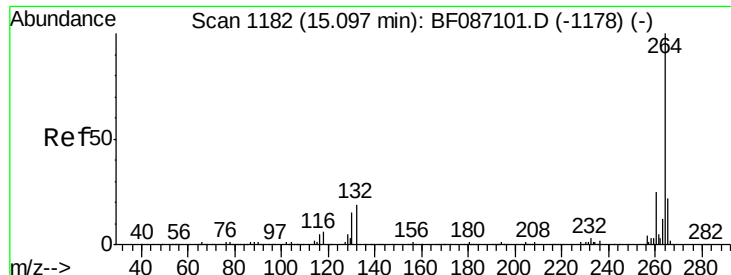


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087172.D
Acq: 19 May 2016 5:47

Instrument :
BNA_F
ClientSampleId :
EASTNY-FIELDBLANK1-5-12-16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.1	17.3	25.9

