

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087182.D
 Acq On : 19 May 2016 10:36
 Operator : UM/SJ
 Sample : H3121-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: May 19 12:44:52 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

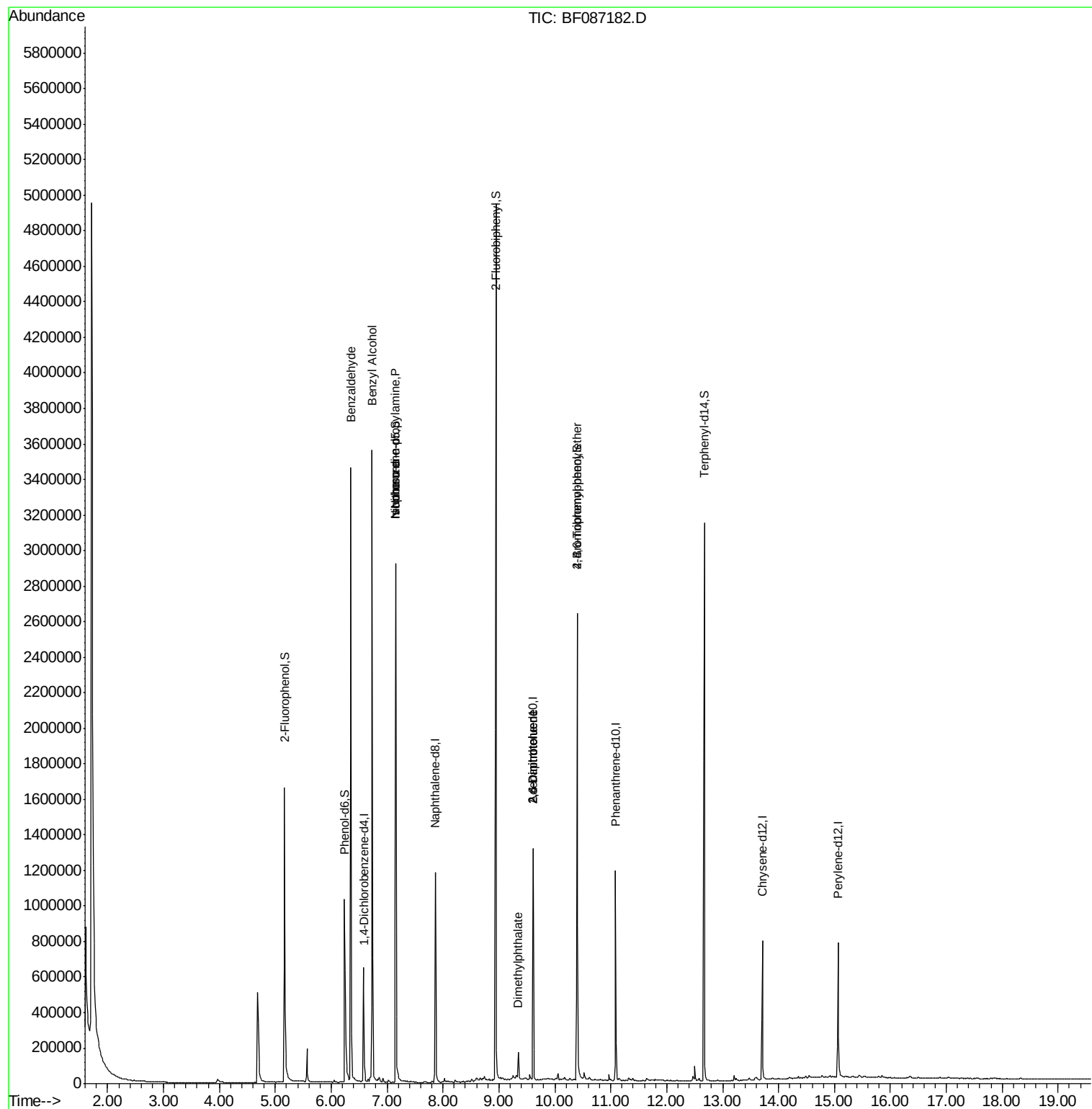
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	126280	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	512000	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	236937	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	386261	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	294640	20.00	ng	-0.05
86) Perylene-d12	15.06	264	298383	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	535967	71.34	ng	-0.03
7) Phenol-d6	6.24	99	438471	43.52	ng	-0.05
23) Nitrobenzene-d5	7.15	82	946565	92.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	336783	128.63	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1543133	107.86	ng	-0.03
78) Terphenyl-d14	12.67	244	1120884	86.06	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	26576	3.65	ng	# 82
15) Benzyl Alcohol	6.73	79	17566	2.34	ng	# 45
19) n-Nitroso-di-n-propylamine	7.15	70	134594	17.57	ng	# 73
25) Isophorone	7.15	82	756063	40.20	ng	# 68
49) Dimethylphthalate	9.35	163	51671	2.86	ng	# 99
50) 2,6-Dinitrotoluene	9.61	165	30183	7.69	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	30183	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	19503	4.91	ng	# 1

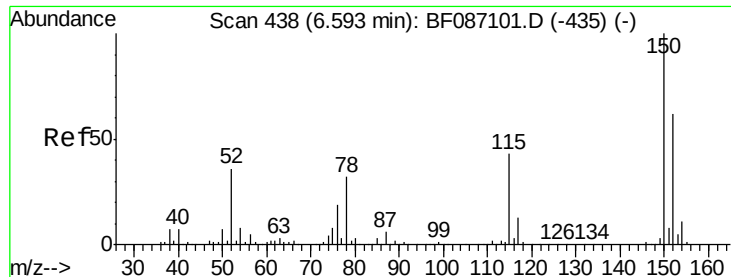
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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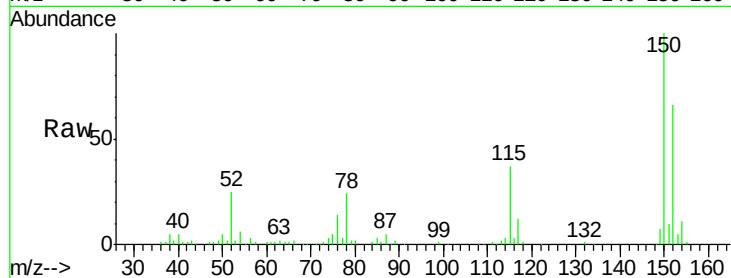


#1

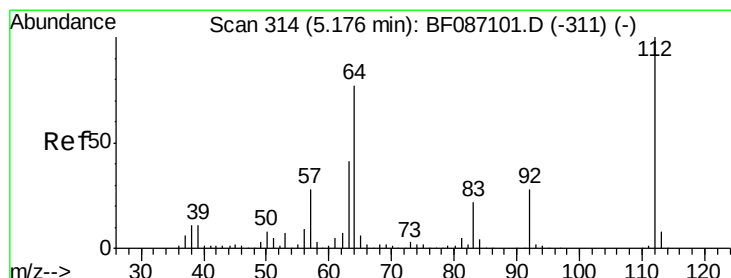
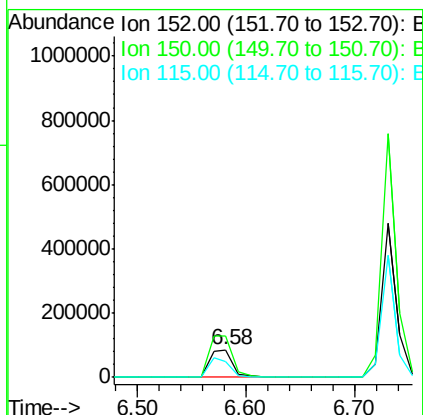
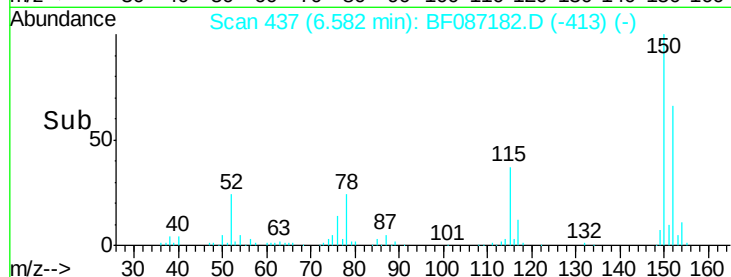
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087182.D
Acq: 19 May 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:152 Resp: 126280
Ion Ratio Lower Upper
152 100
150 151.9 125.8 188.6
115 56.8 51.5 77.3



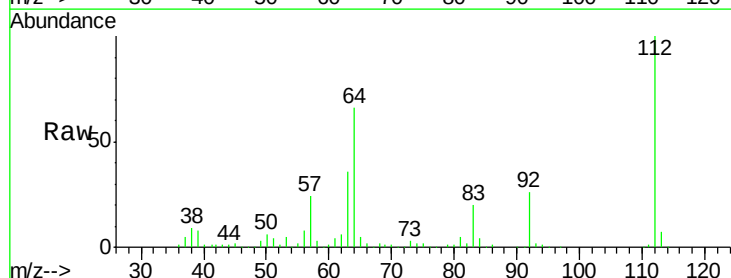
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



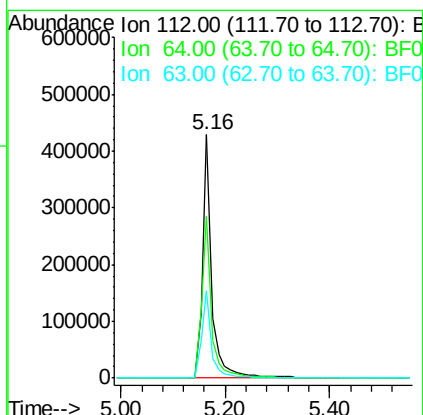
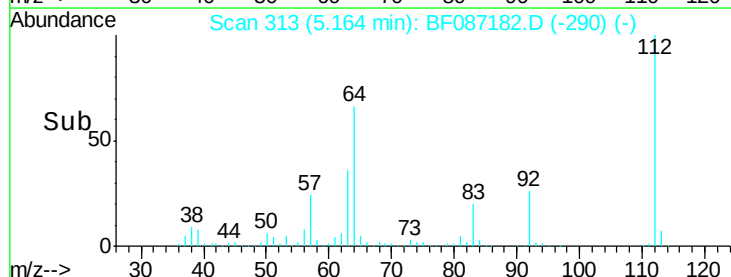
#5

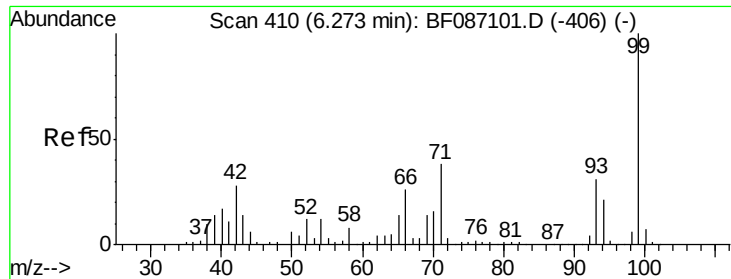
2-Fluorophenol
Concen: 71.34 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087182.D
Acq: 19 May 2016 10:36

Tgt Ion:112 Resp: 535967
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 35.7 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: 43.52 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-17

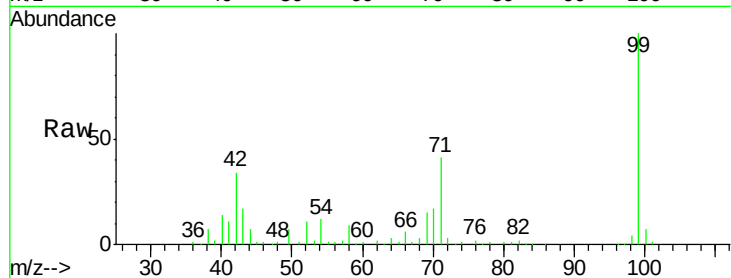
Tot Ion: 99 Resp: 438471

Ion Ratio Lower Upper

99 100

42 34.0 13.6 20.4#

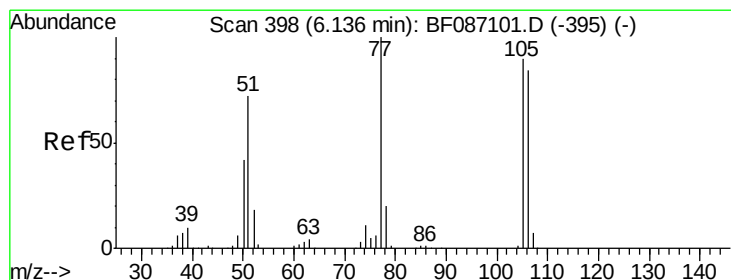
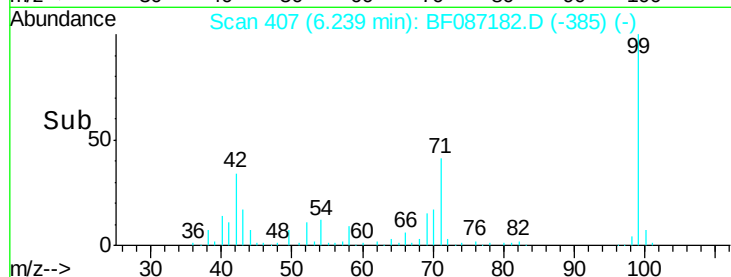
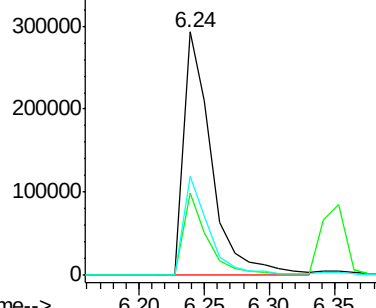
71 40.7 24.6 36.8#



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: 3.65 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

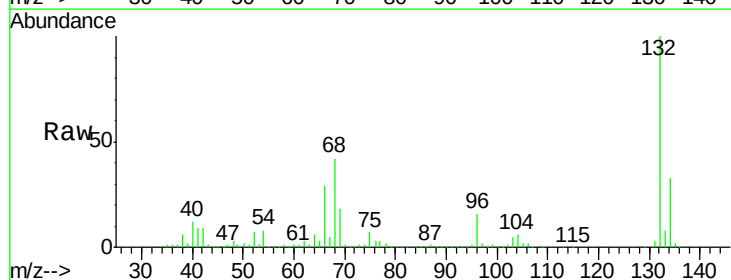
Tgt Ion: 77 Resp: 26576

Ion Ratio Lower Upper

77 100

105 79.7 72.7 112.7

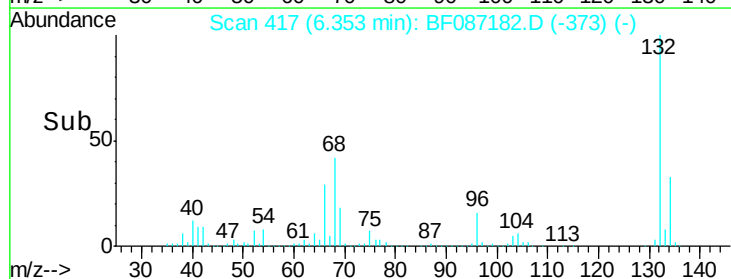
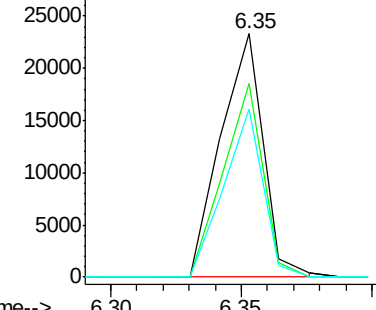
106 68.8 70.8 110.8#

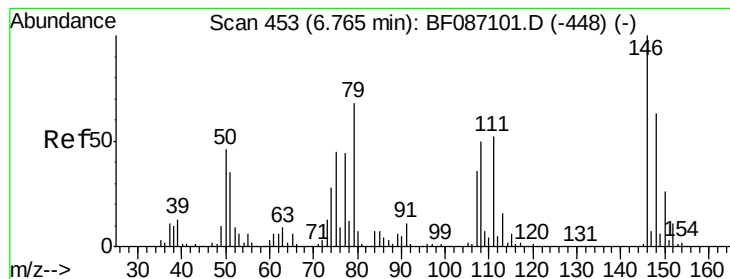


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-17

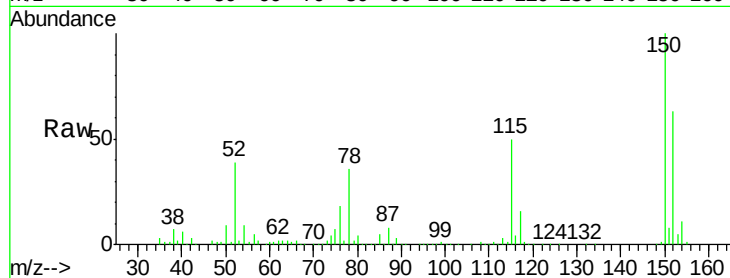
Tot Ion: 79 Resp: 17566

Ion Ratio Lower Upper

79 100

108 28.7 68.4 102.6#

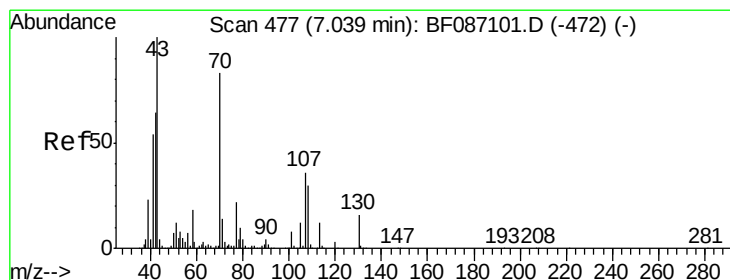
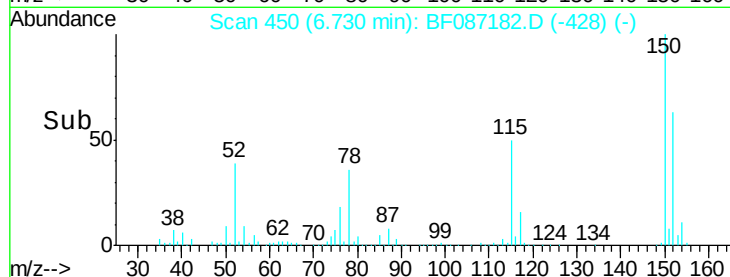
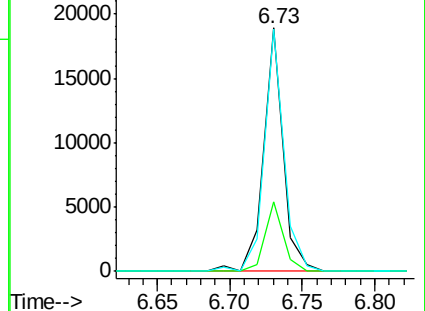
77 99.3 50.6 76.0#



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: 17.57 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Tgt Ion: 70 Resp: 134594

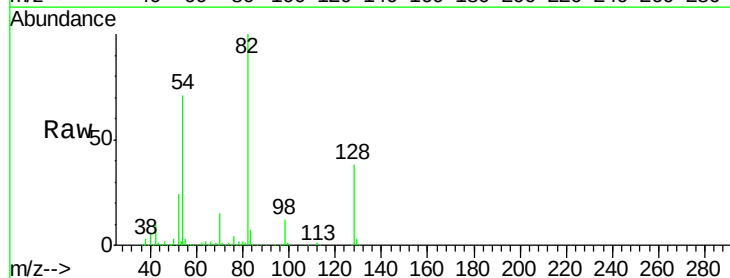
Ion Ratio Lower Upper

70 100

42 67.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

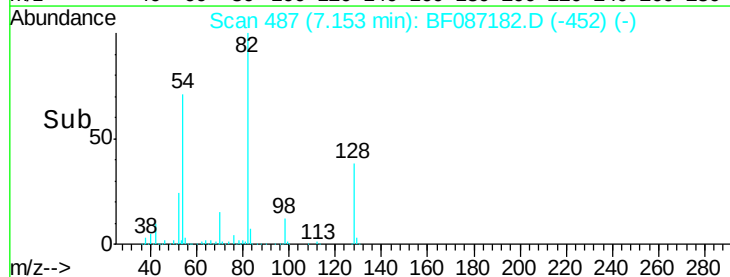
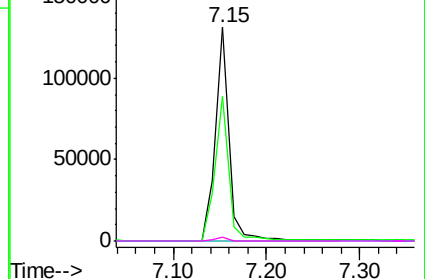


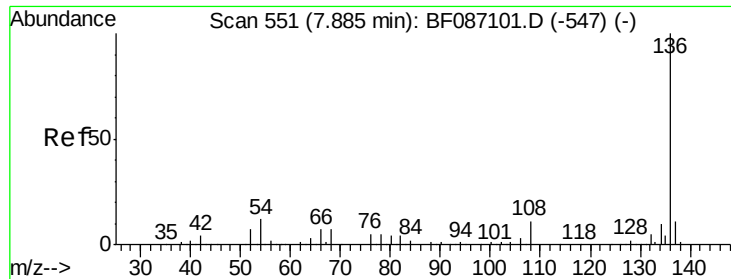
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

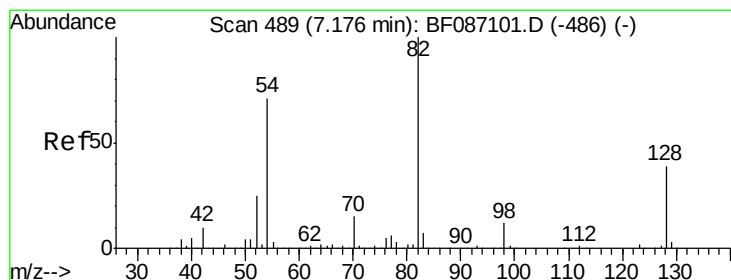
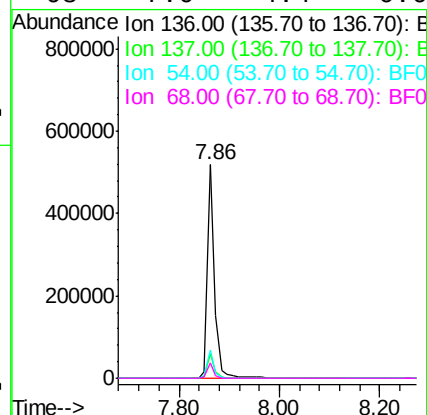
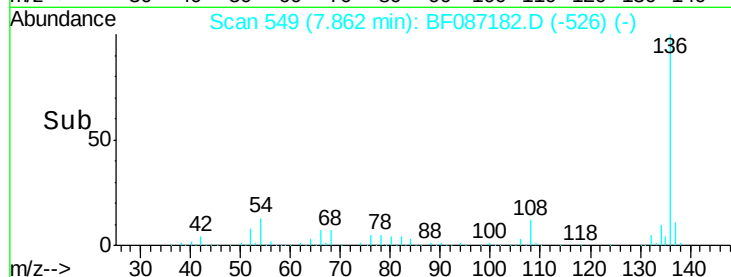
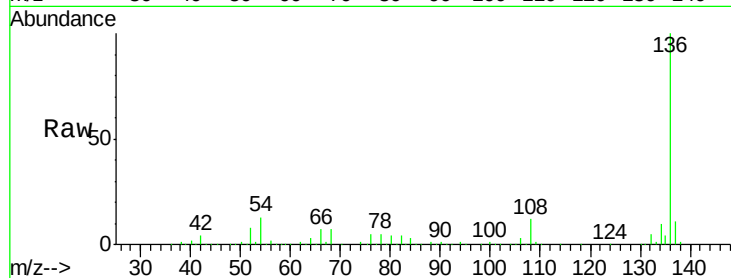




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087182.D
Acq: 19 May 2016 10:36

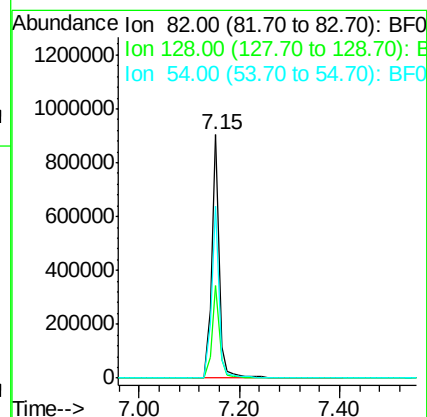
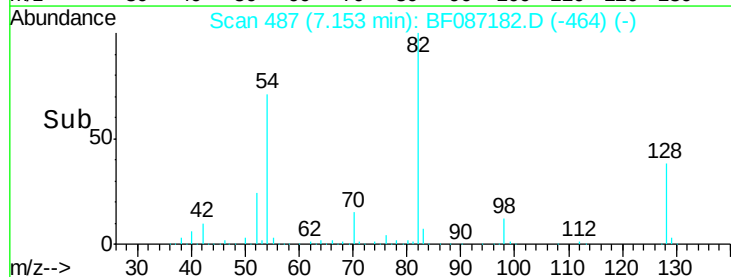
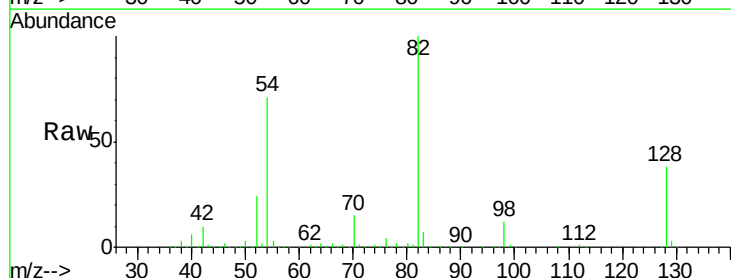
Instrument :
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ClientSampleId :
MW-17

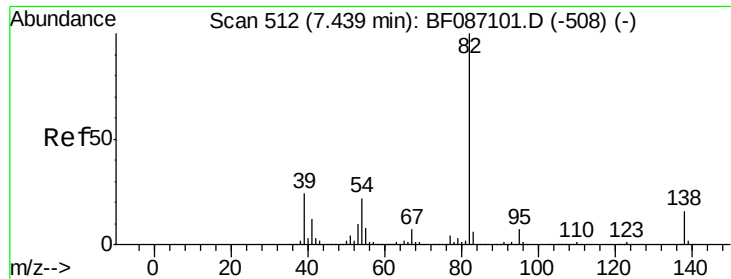
Tot Ion:	136	Resp:	512000
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.3	5.0	7.4#
68	7.0	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 92.14 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087182.D
Acq: 19 May 2016 10:36

Tgt Ion:	82	Resp:	946565
Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	70.8	38.1	57.1#





#25

Isophorone

Concen: 40.20 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-17

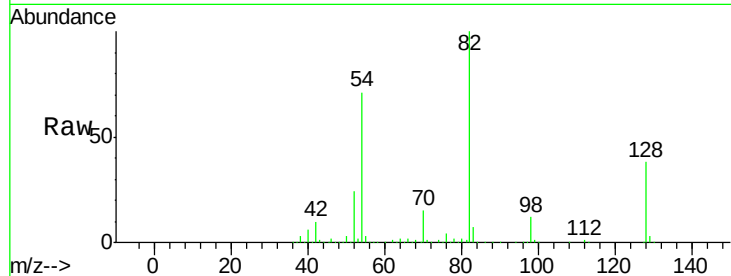
Tot Ion: 82 Resp: 756063

Ion Ratio Lower Upper

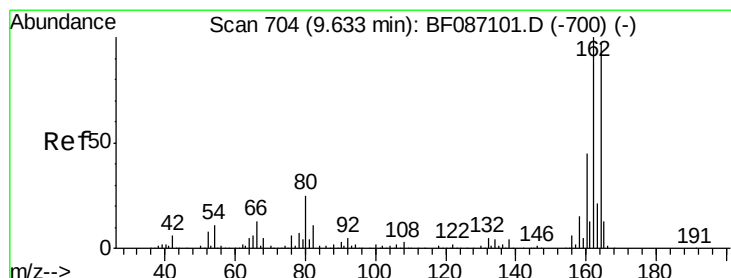
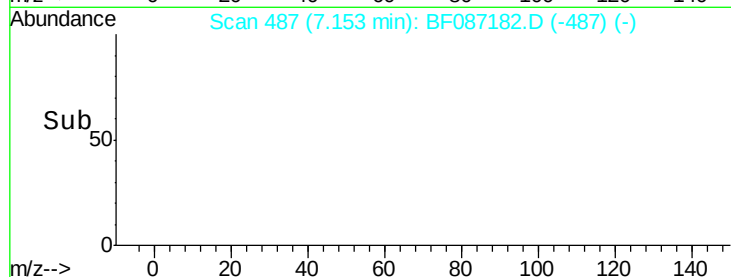
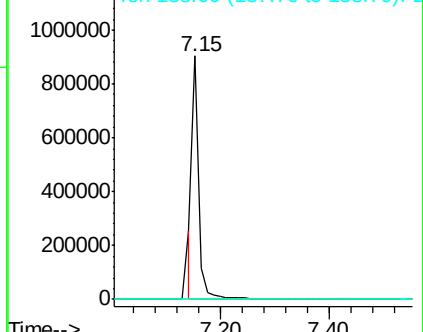
82 100

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: BF087182.D

Acq: 19 May 2016 10:36

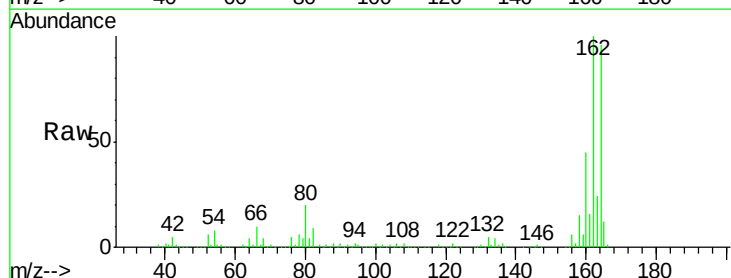
Tgt Ion: 164 Resp: 236937

Ion Ratio Lower Upper

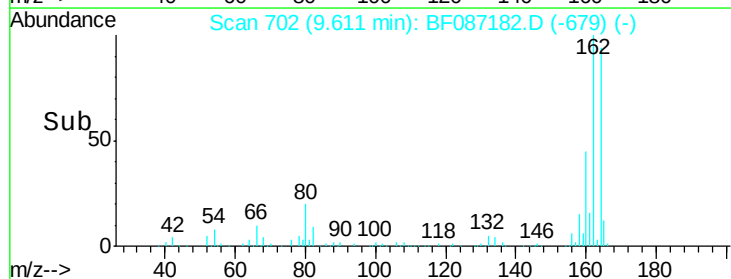
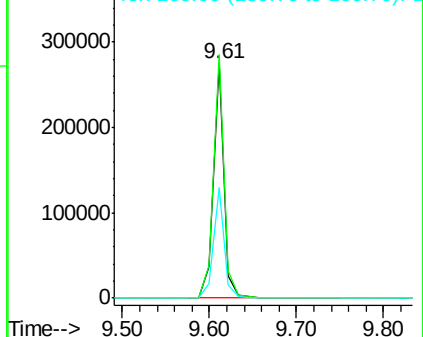
164 100

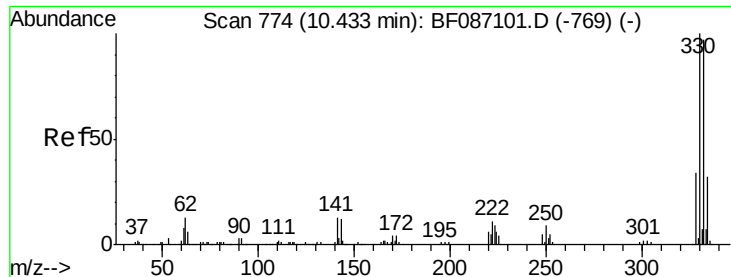
162 103.9 82.8 124.2

160 47.1 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

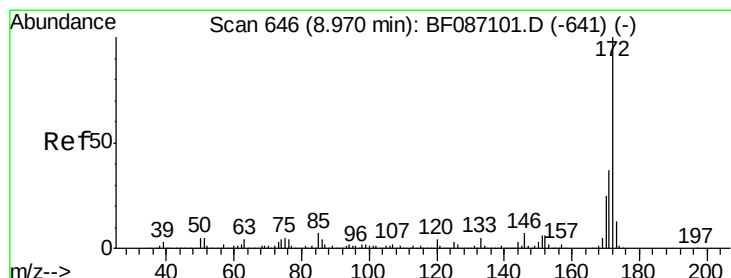
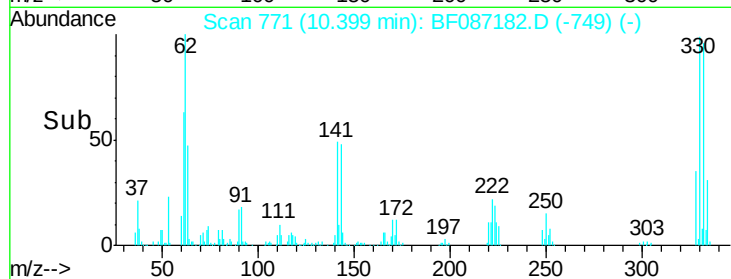
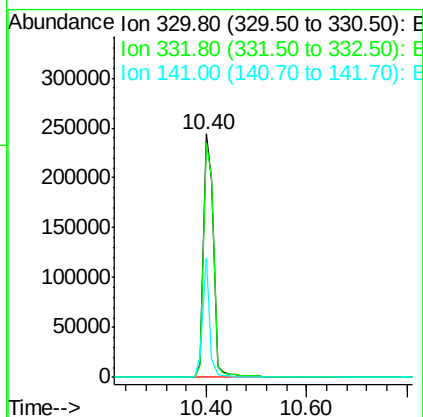
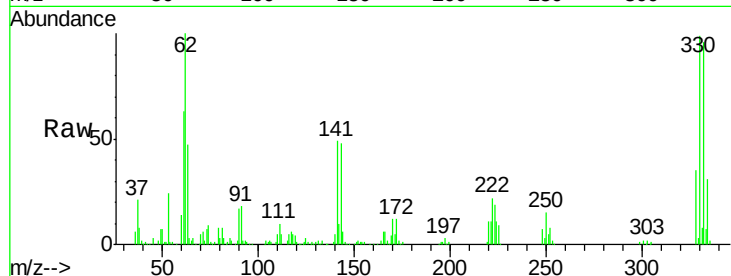




#41
 2,4,6-Tribromophenol
 Concen: 128.63 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

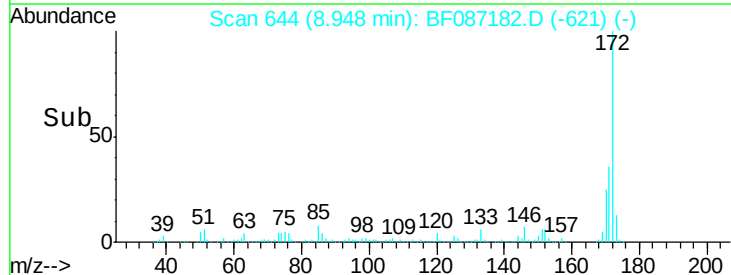
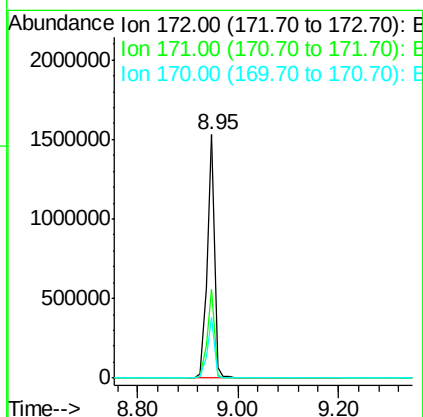
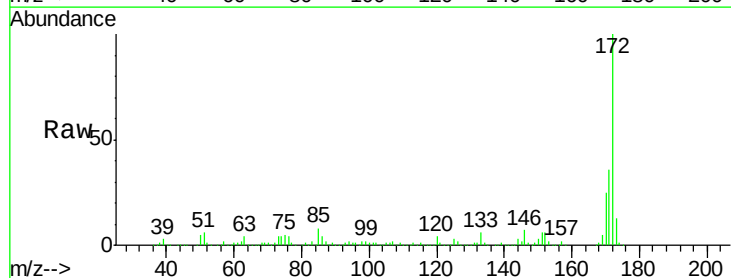
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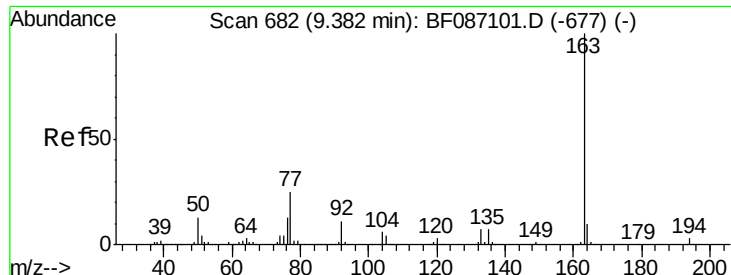
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	35.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 107.86 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8





#49

Dimethylphthalate

Concen: 2.86 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-17

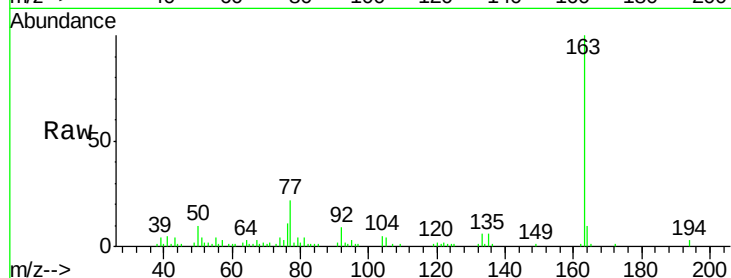
Tot Ion:163 Resp: 51671

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

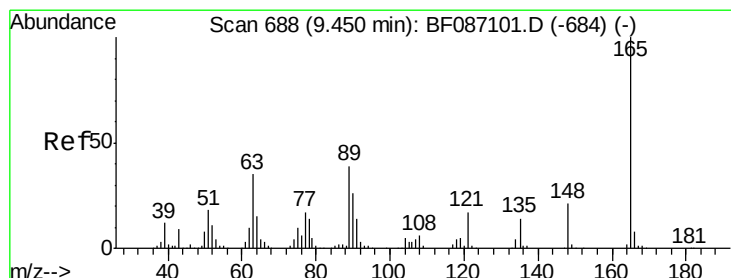
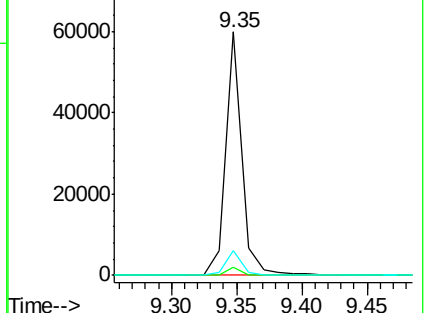
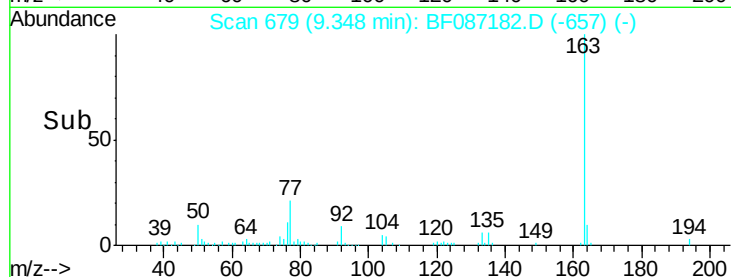
164 10.0 8.2 12.4



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: 7.69 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.15 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

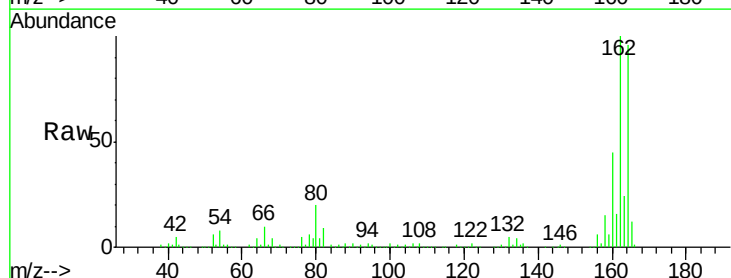
Tgt Ion:165 Resp: 30183

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

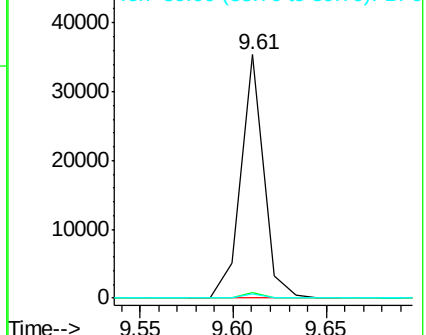
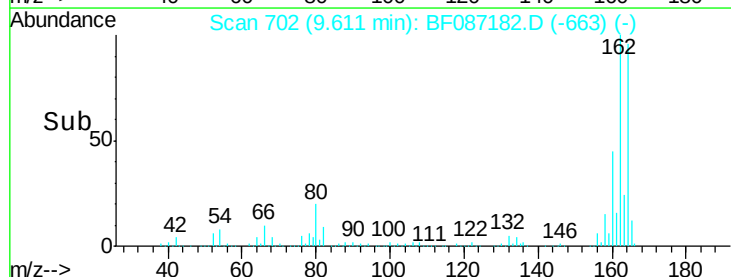
89 1.8 50.7 76.1#

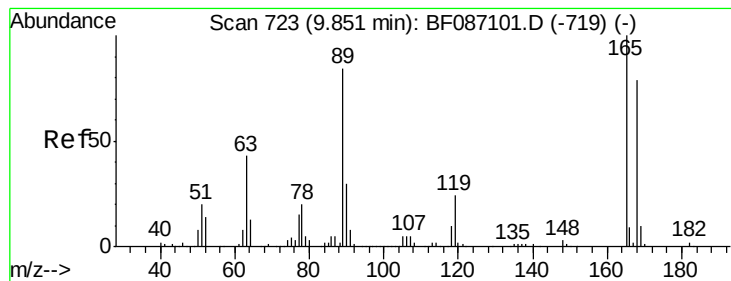


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

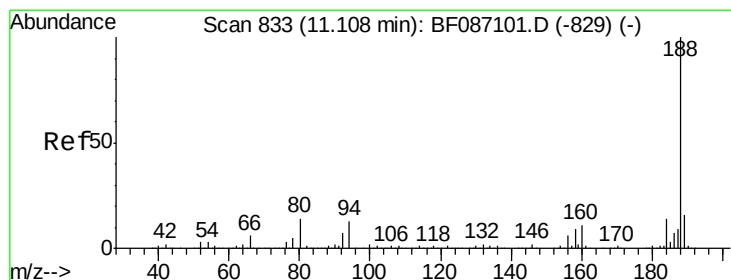
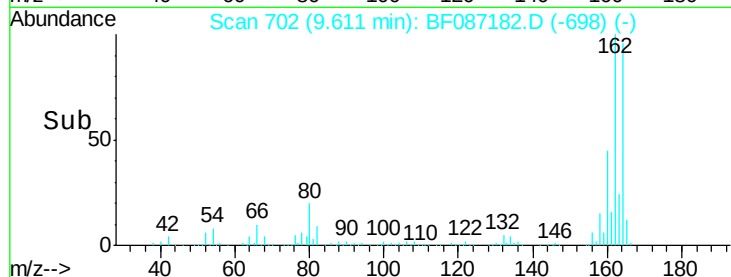
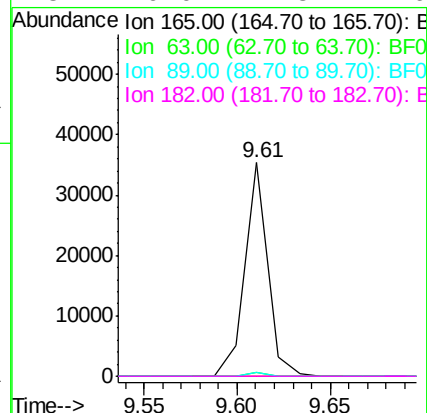
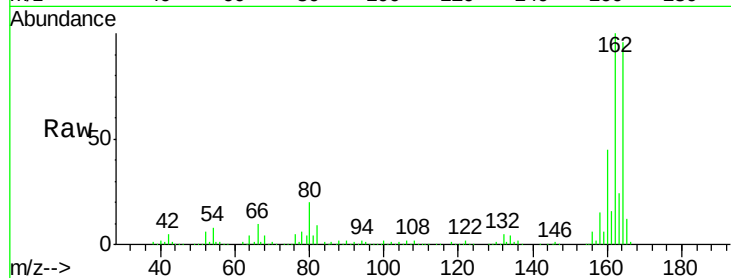




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

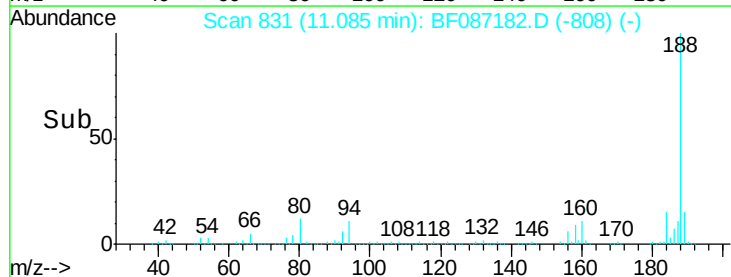
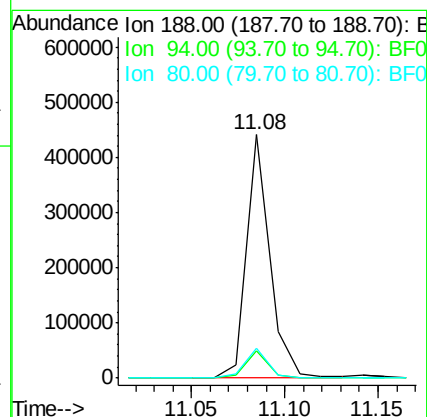
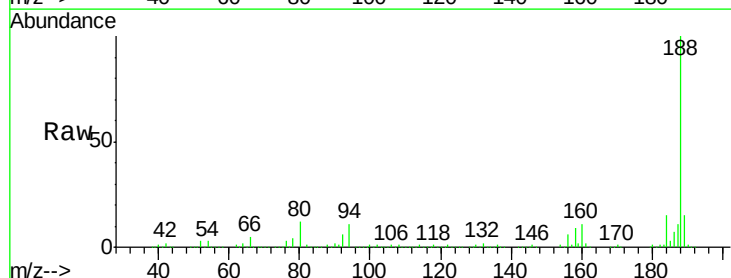
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

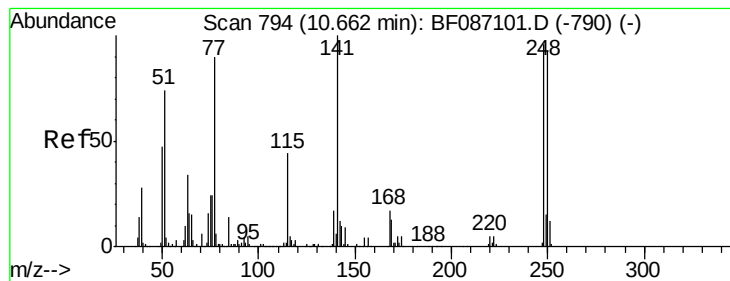
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	12.4	7.1	10.7#





#66

4-Bromophenyl-phenylether

Concen: 4.91 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-17

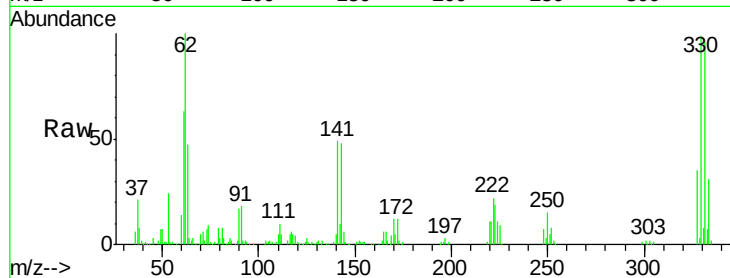
Tot Ion:248 Resp: 19503

Ion Ratio Lower Upper

248 100

250 200.1 78.6 117.8#

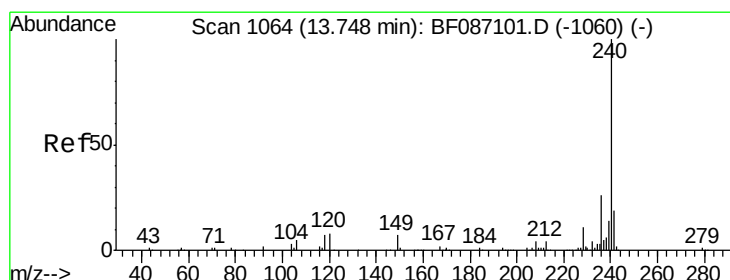
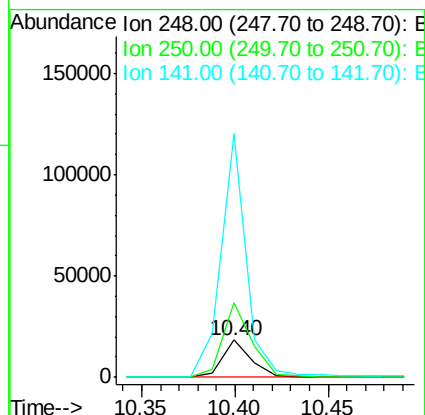
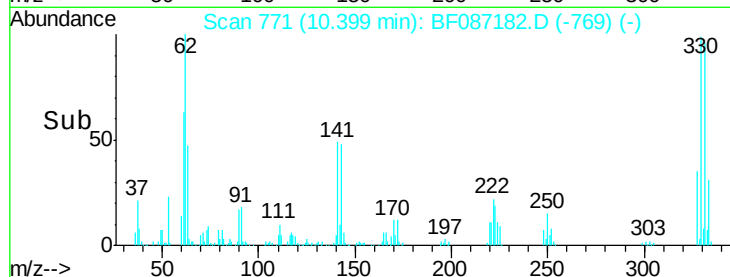
141 652.7 76.0 114.0#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087182.D

Acq: 19 May 2016 10:36

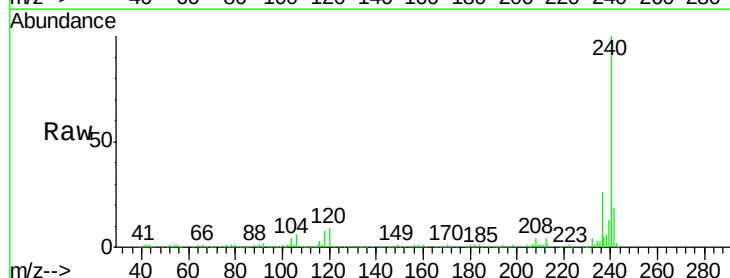
Tgt Ion:240 Resp: 294640

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

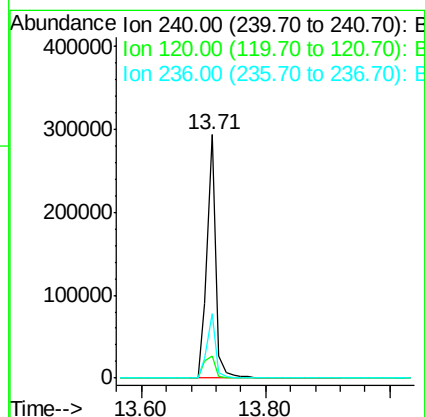
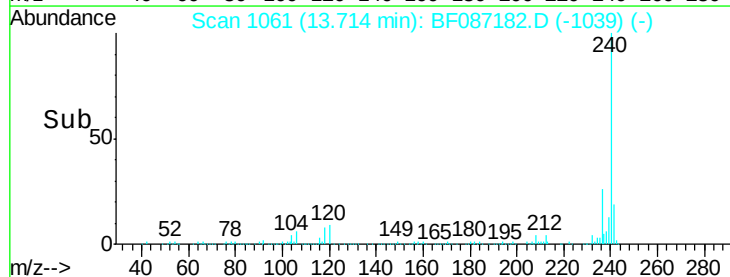
236 26.3 21.2 31.8

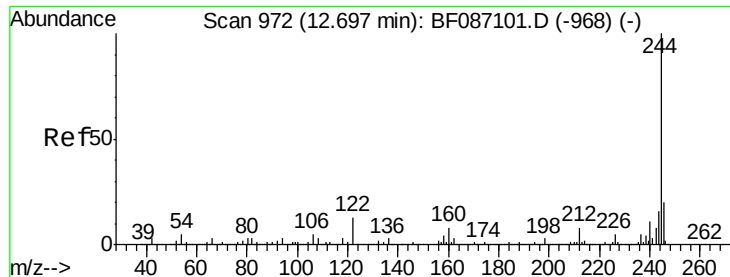


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



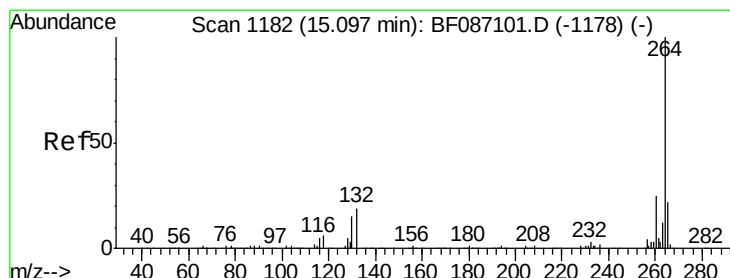
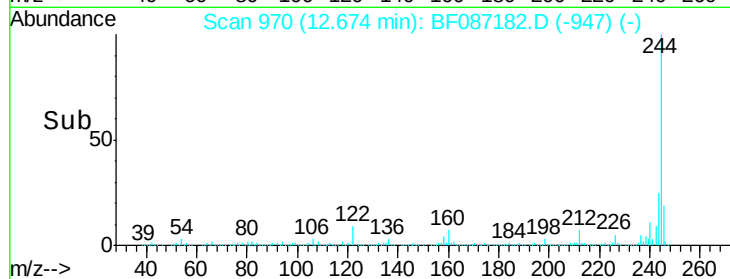
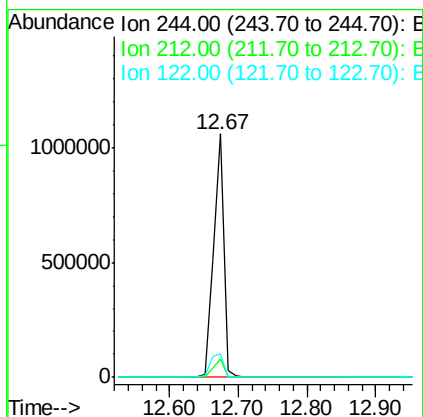
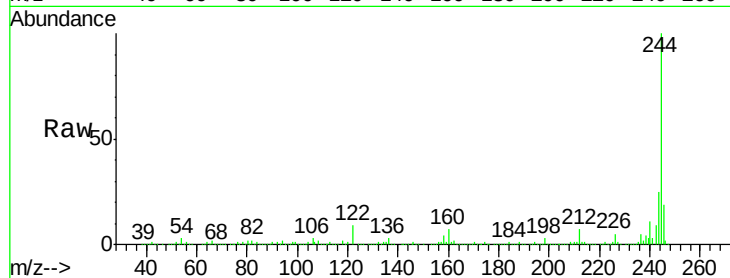


#78
 Terphenyl-d14
 Concen: 86.06 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion:244 Resp: 1120884

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.4	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087182.D
 Acq: 19 May 2016 10:36

Tgt Ion:264 Resp: 298383

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.3	25.9

