

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087169.D
 Acq On : 19 May 2016 4:19
 Operator : UM/SJ
 Sample : H3105-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: May 19 04:59:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

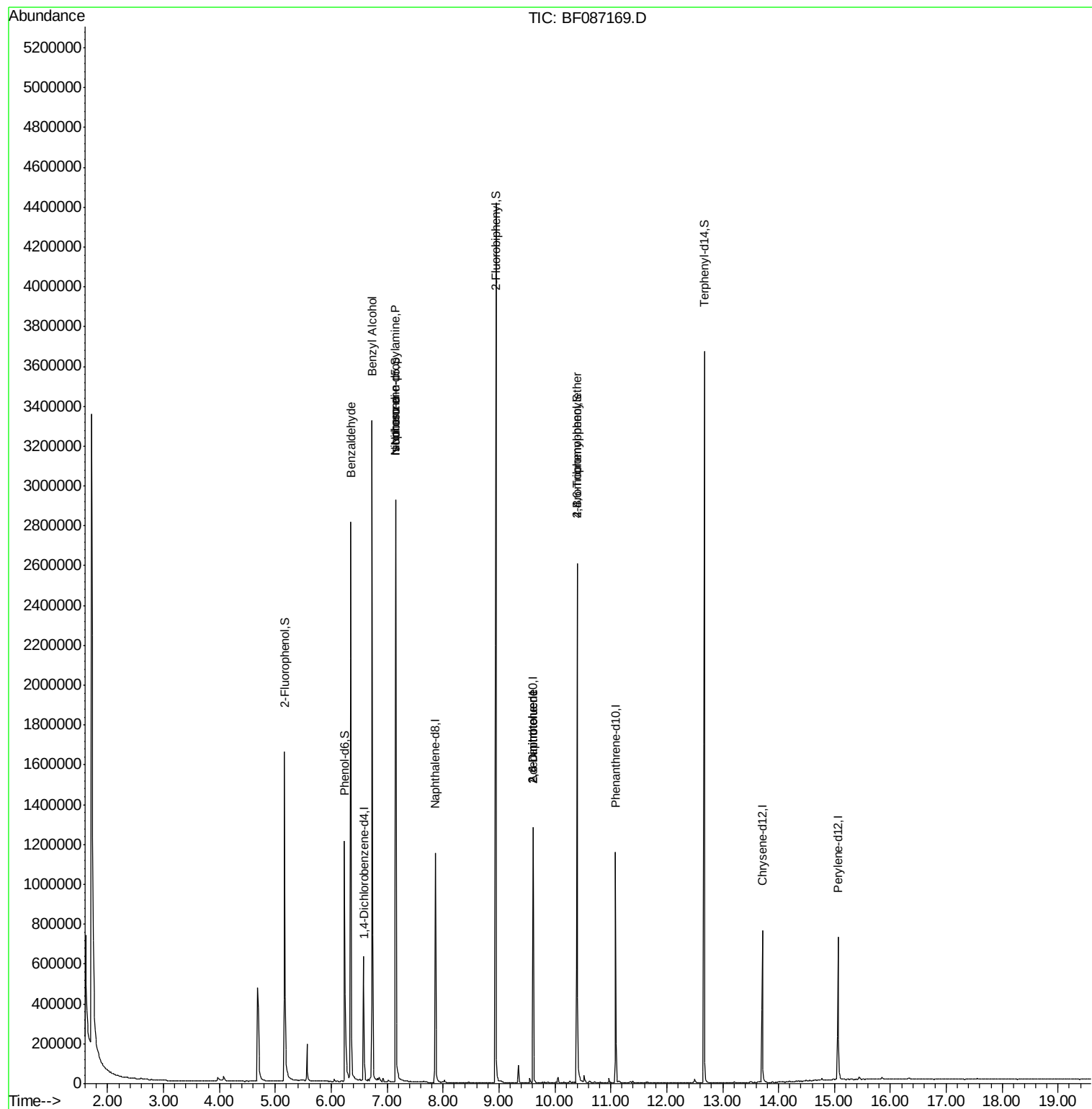
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	121440	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	491786	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	233565	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	389039	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	302291	20.00	ng	-0.01
86) Perylene-d12	15.06	264	296589	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	506026	70.04	ng	0.00
7) Phenol-d6	6.24	99	443710	45.79	ng	-0.01
23) Nitrobenzene-d5	7.15	82	922870	93.53	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	279328	108.22	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1505906	106.78	ng	0.00
78) Terphenyl-d14	12.67	244	1205016	90.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	24647	3.51	ng	# 79
15) Benzyl Alcohol	6.73	79	16520	2.29	ng	# 45
19) n-Nitroso-di-n-propylamine	7.15	70	130610	17.73	ng	# 74
25) Isophorone	7.15	82	917860	50.81	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	29891	7.73	ng	# 20
55) 4-Nitrophenol	9.83	139	647	Below Cal		# 14
56) 2,4-Dinitrotoluene	9.61	165	29891	6.03	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	17502	4.37	ng	# 1

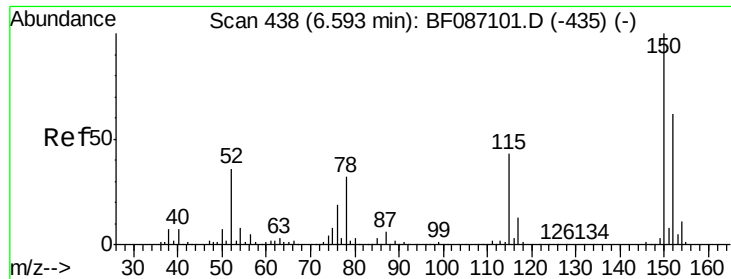
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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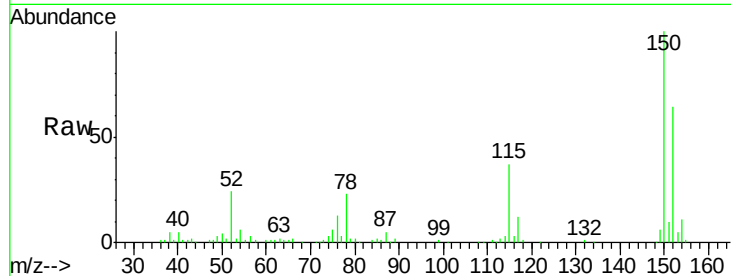


#1

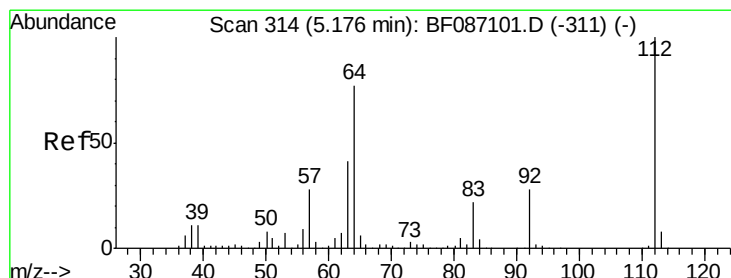
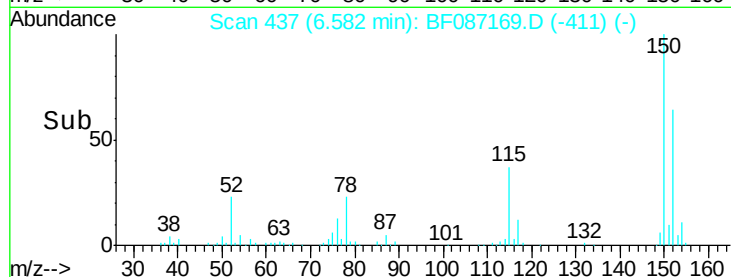
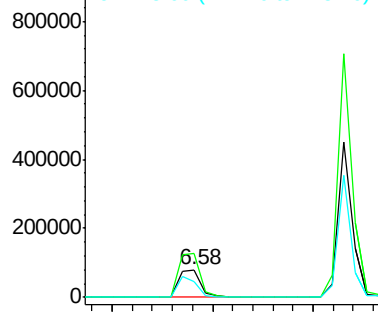
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:152 Resp: 121440
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 57.2 51.5 77.3



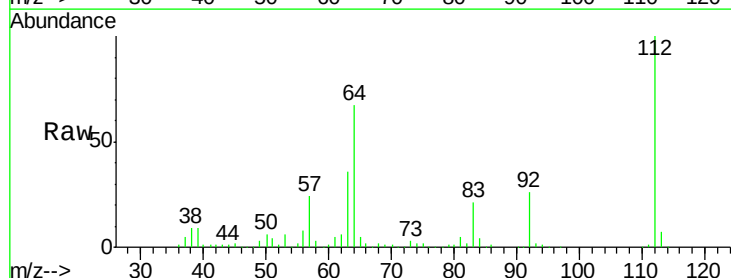
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



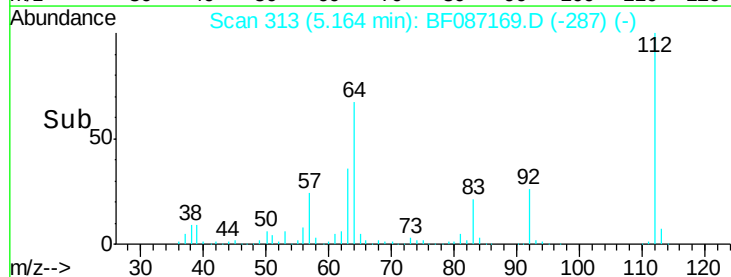
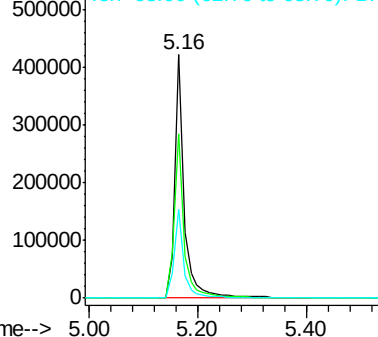
#5

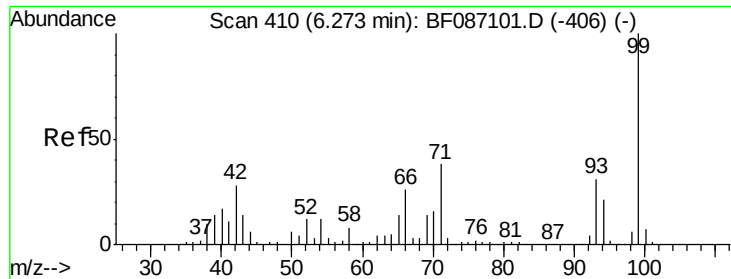
2-Fluorophenol
Concen: 70.04 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:112 Resp: 506026
Ion Ratio Lower Upper
112 100
64 67.2 52.1 78.1
63 36.5 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: 45.79 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampled :

W-21

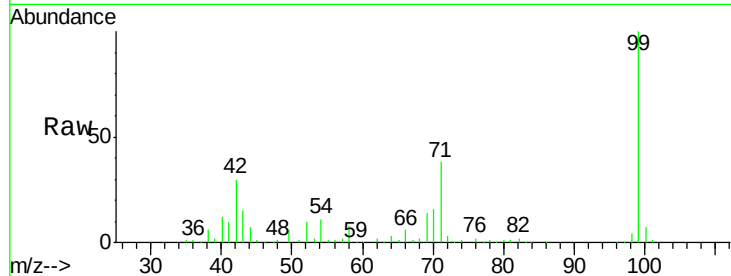
Tgt Ion: 99 Resp: 443710

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

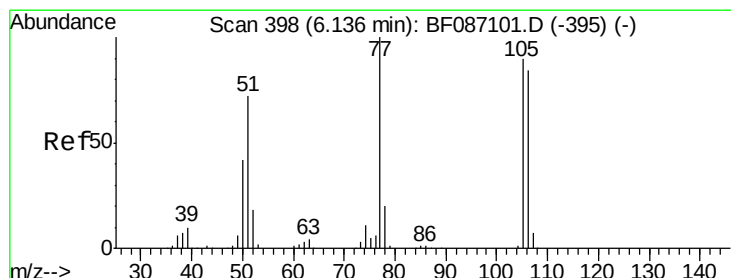
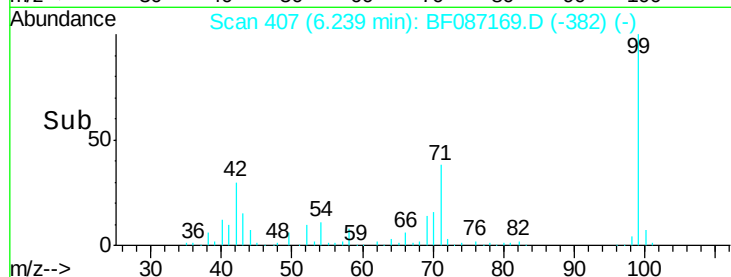
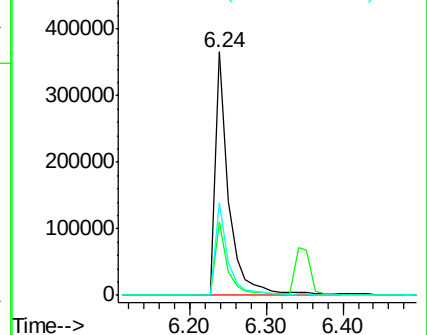
71 38.0 24.6 36.8#



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: 3.51 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.23 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

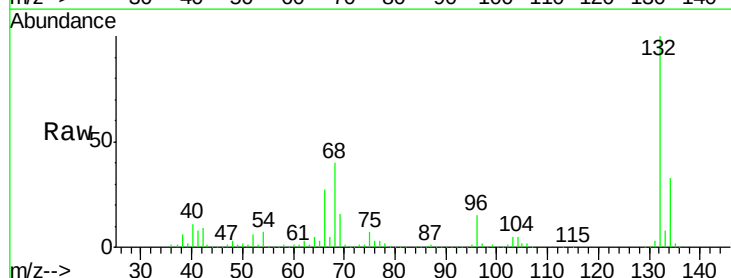
Tgt Ion: 77 Resp: 24647

Ion Ratio Lower Upper

77 100

105 77.8 72.7 112.7

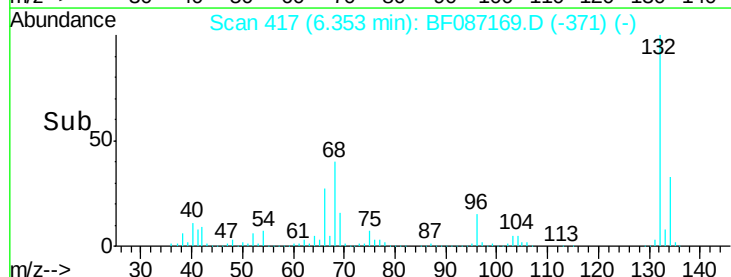
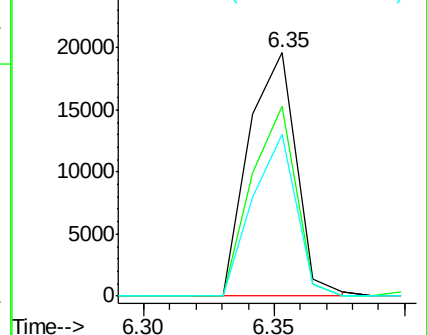
106 66.5 70.8 110.8#

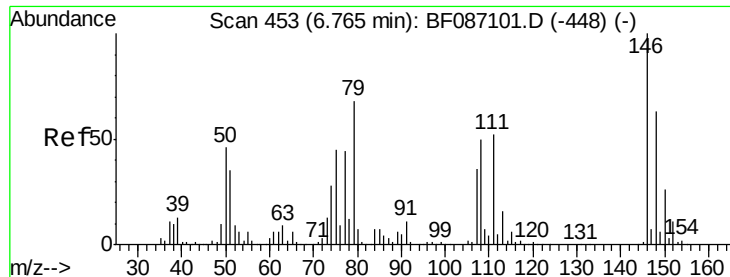


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampled :

W-21

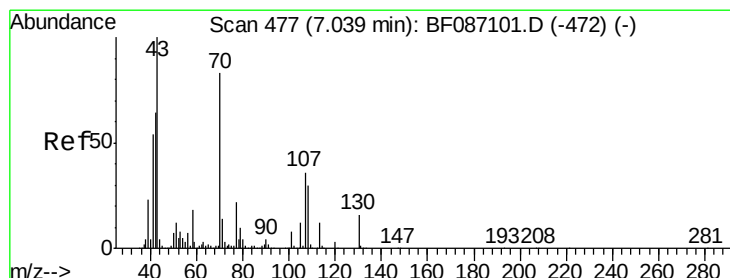
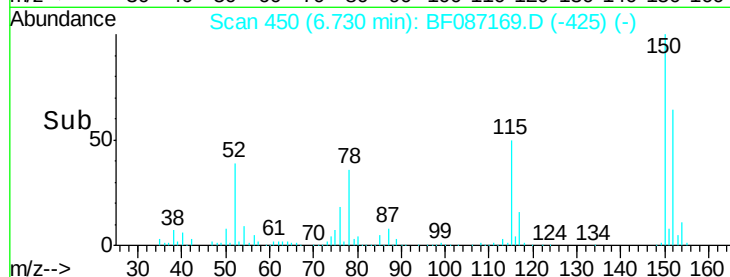
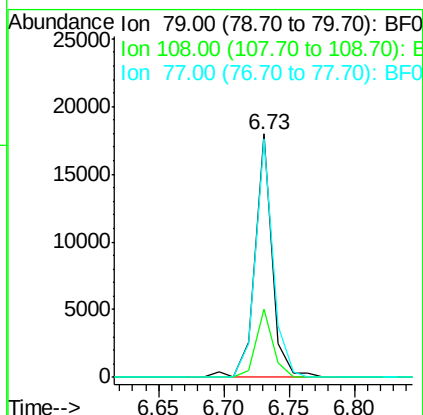
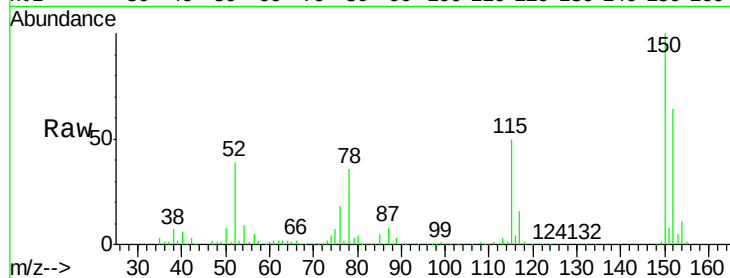
Tgt Ion: 79 Resp: 16520

Ion Ratio Lower Upper

79 100

108 28.1 68.4 102.6#

77 97.8 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.73 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.14 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Tgt Ion: 70 Resp: 130610

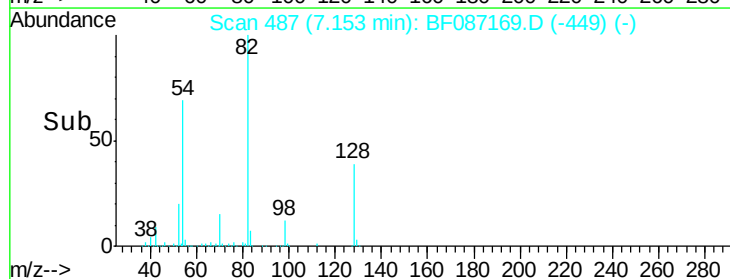
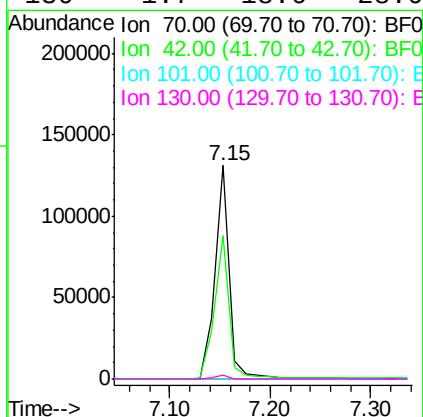
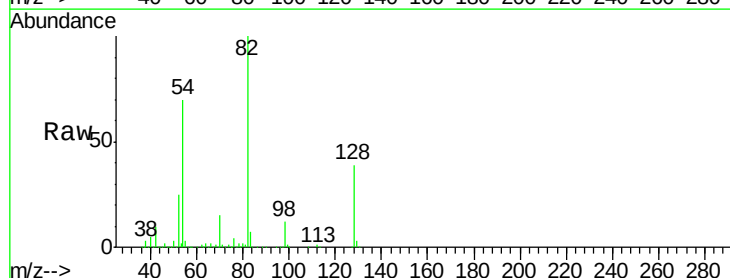
Ion Ratio Lower Upper

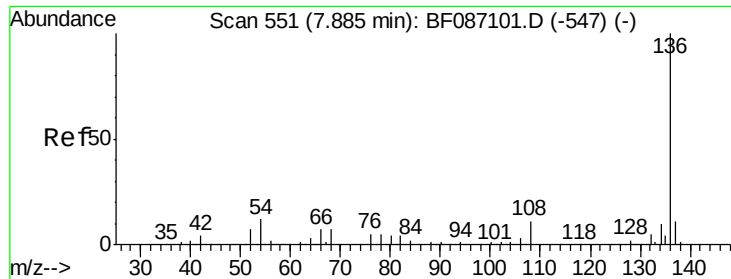
70 100

42 67.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

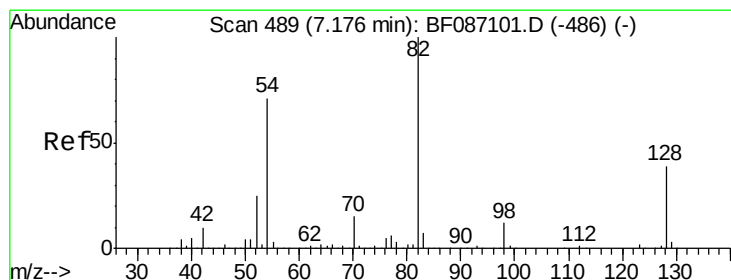
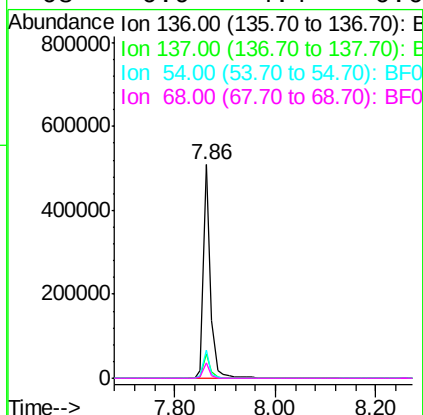
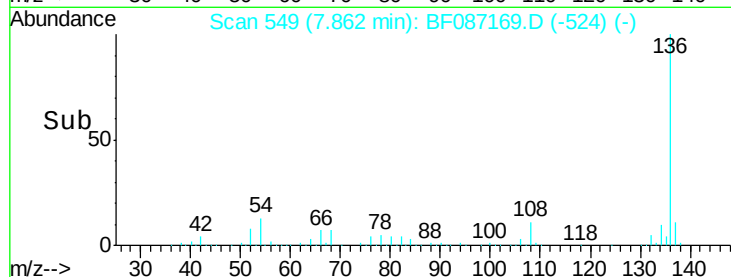
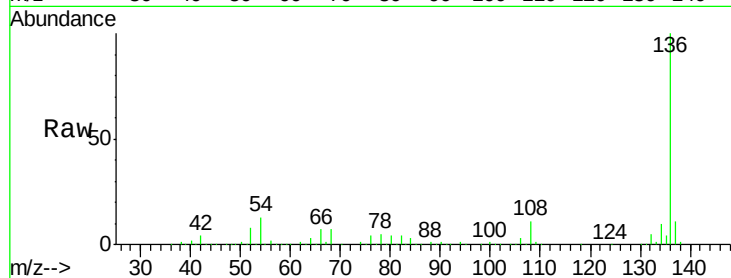




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

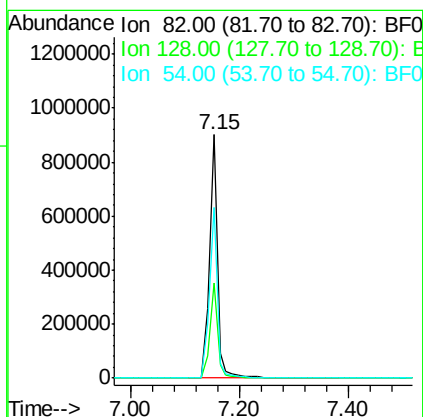
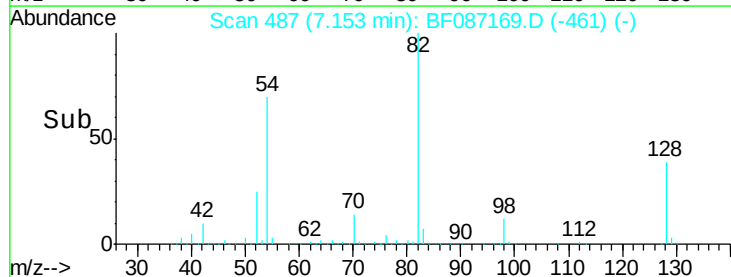
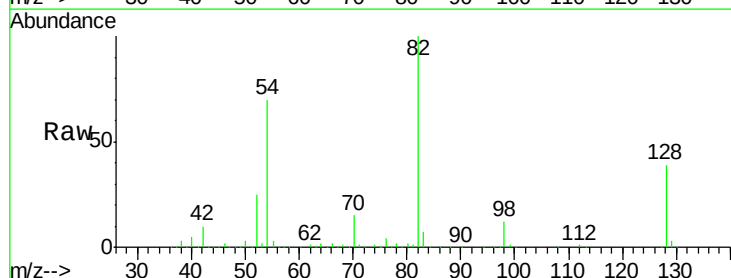
Instrument :
BNA_F
ClientSampleId :
W-21

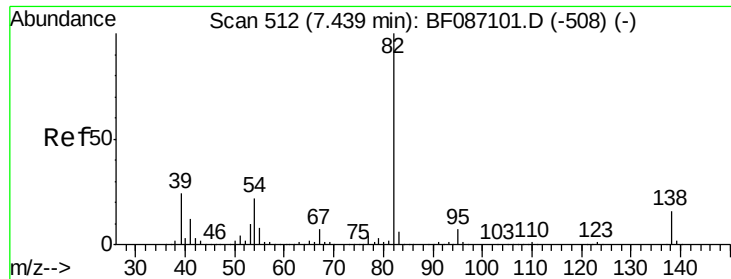
Tgt Ion:	136	Resp:	491786
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.2	5.0	7.4#
68	6.9	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 93.53 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:	82	Resp:	922870
Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	70.3	38.1	57.1#





#25

Isophorone

Concen: 50.81 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.26 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

W-21

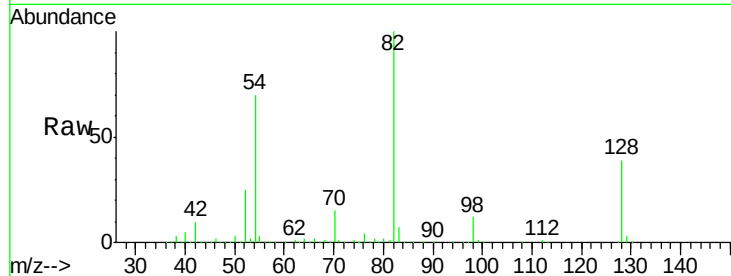
Tgt Ion: 82 Resp: 917860

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

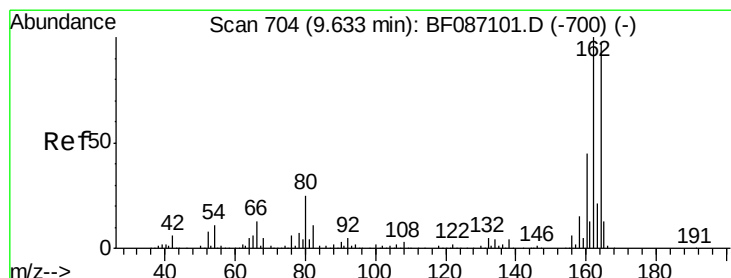
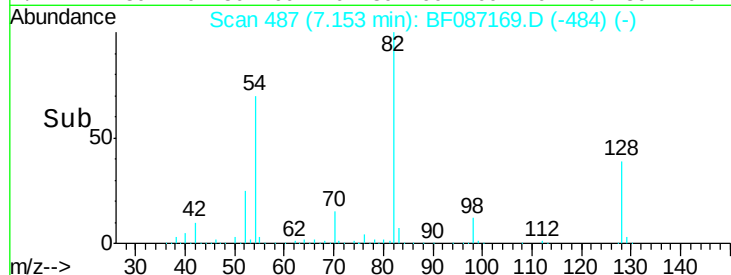
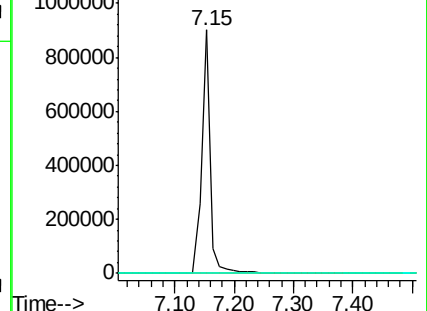
138 0.0 12.4 18.6#



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. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

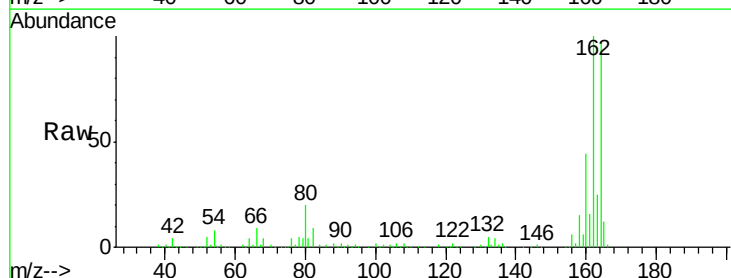
Tgt Ion: 164 Resp: 233565

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

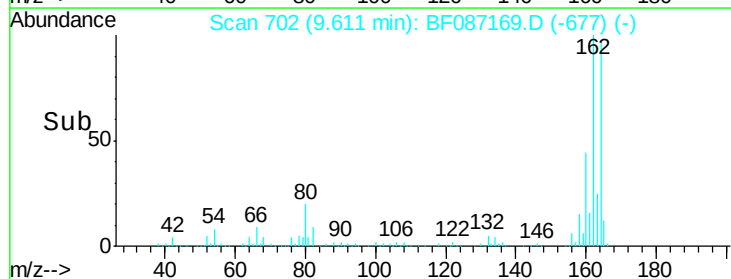
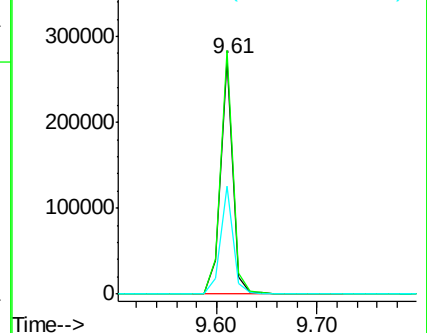
160 45.8 36.9 55.3

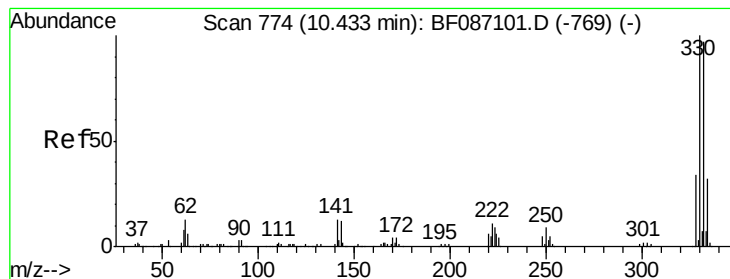


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

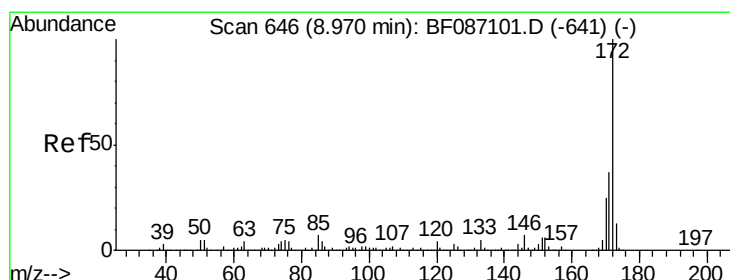
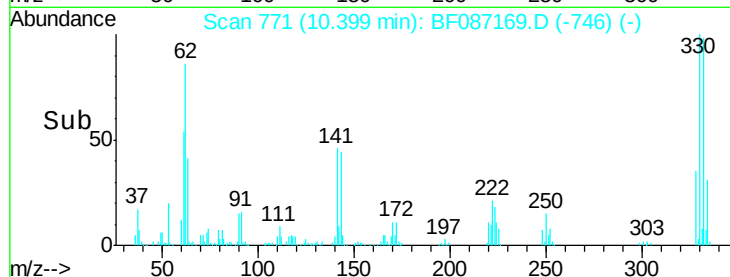
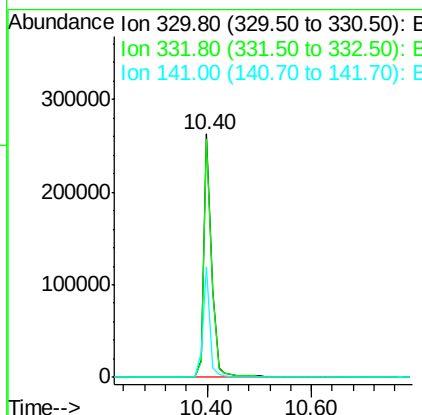
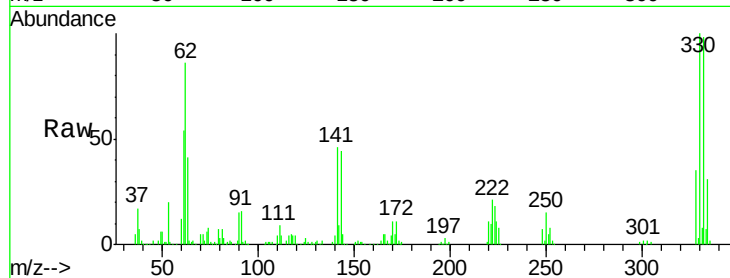




#41
 2,4,6-Tribromophenol
 Concen: 108.22 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

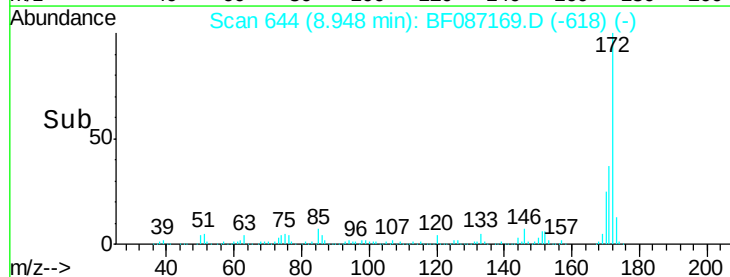
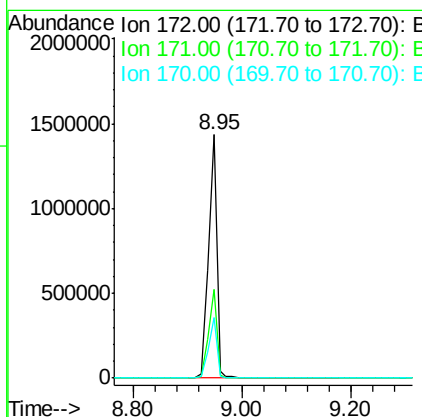
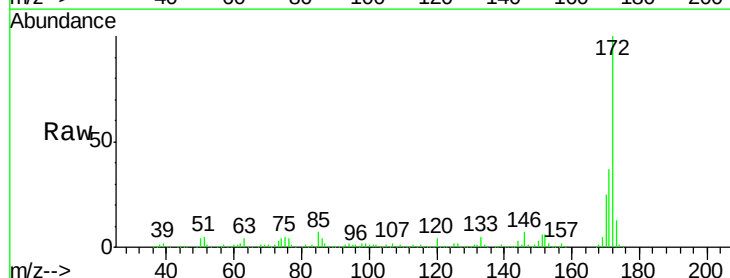
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 BNA_F
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 W-21

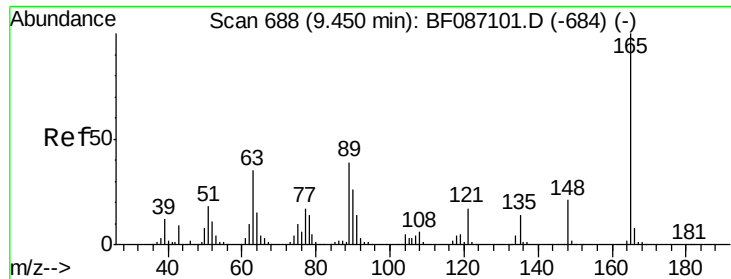
Tgt Ion:330 Resp: 279328
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 40.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 106.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Tgt Ion:172 Resp: 1505906
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.7 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 7.73 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.18 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

W-21

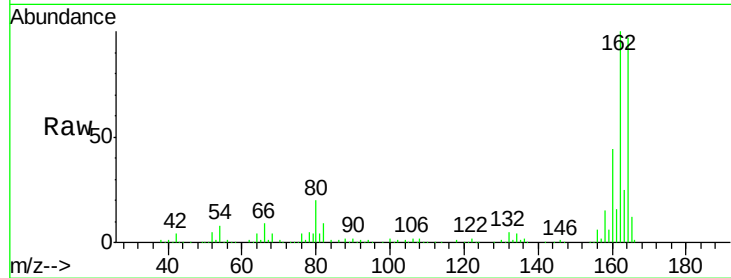
Tgt Ion:165 Resp: 29891

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

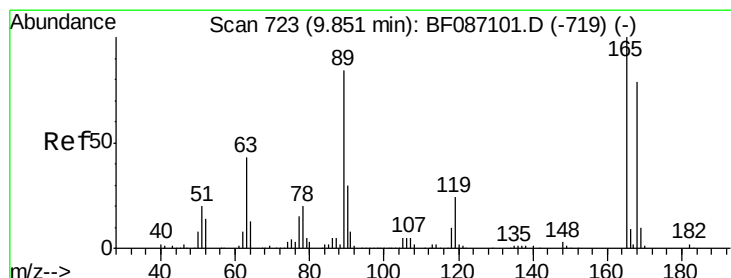
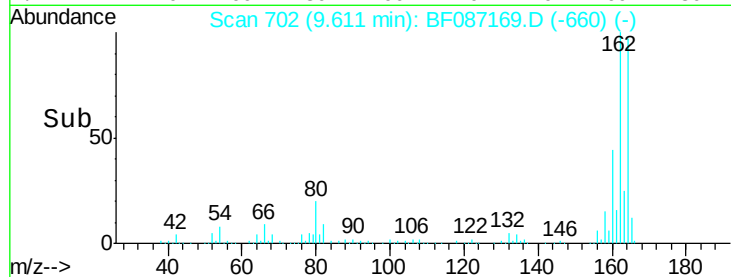
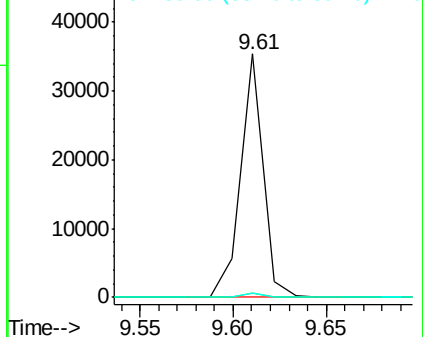
89 1.6 50.7 76.1#



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: 6.03 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.22 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Tgt Ion:165 Resp: 29891

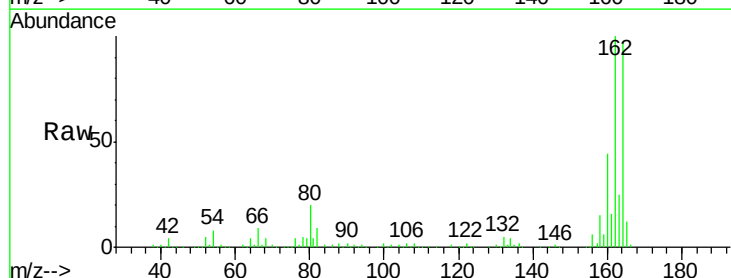
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.6 70.0 105.0#

182 0.0 1.8 2.6#

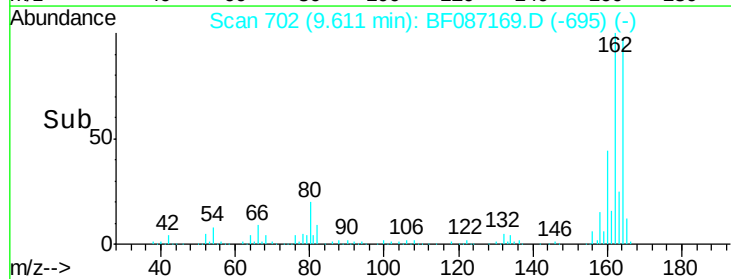
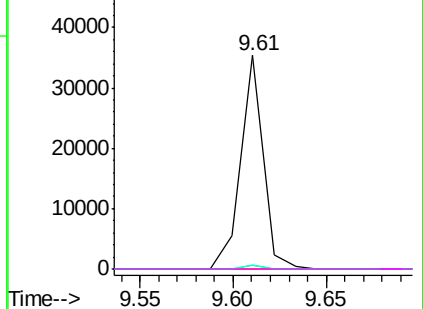


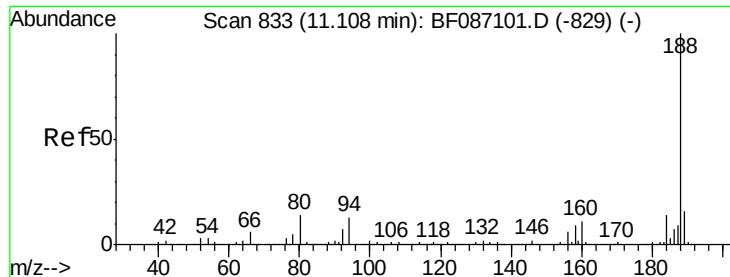
Abundance Ion 165.00 (164.70 to 165.70): E

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

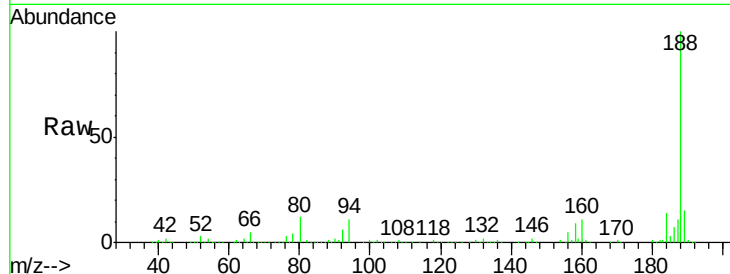




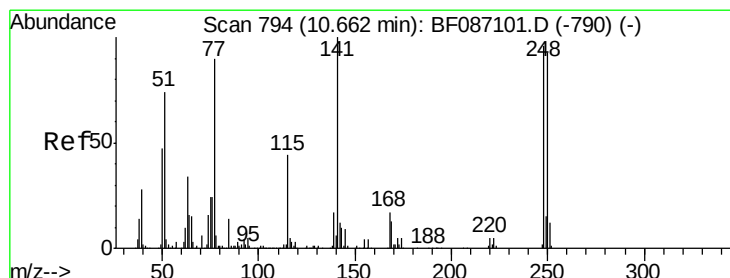
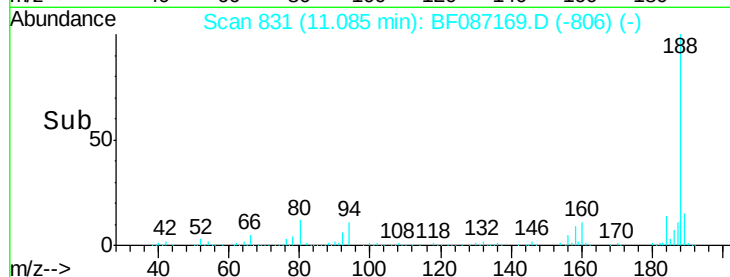
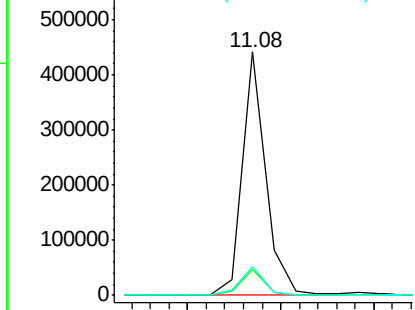
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tgt Ion:188 Resp: 389039
 Ion Ratio Lower Upper
 188 100
 94 10.6 6.8 10.2#
 80 11.8 7.1 10.7#

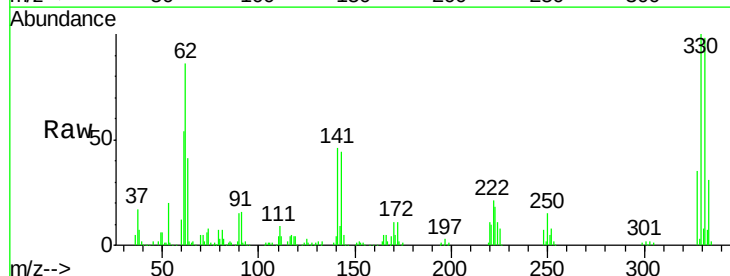


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

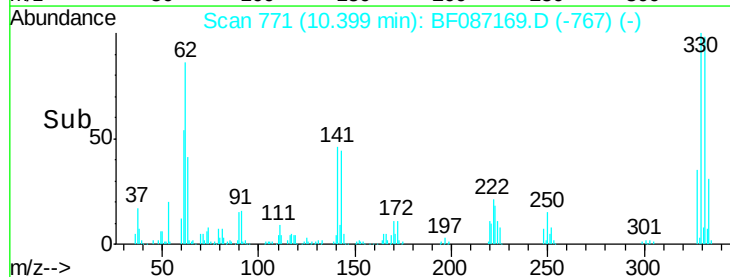
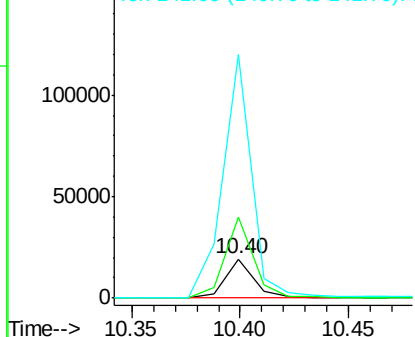


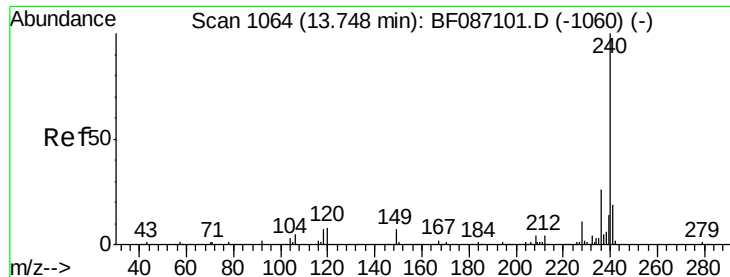
#66
 4-Bromophenyl-phenylether
 Concen: 4.37 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.25 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Tgt Ion:248 Resp: 17502
 Ion Ratio Lower Upper
 248 100
 250 204.3 78.6 117.8#
 141 617.0 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. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

W-21

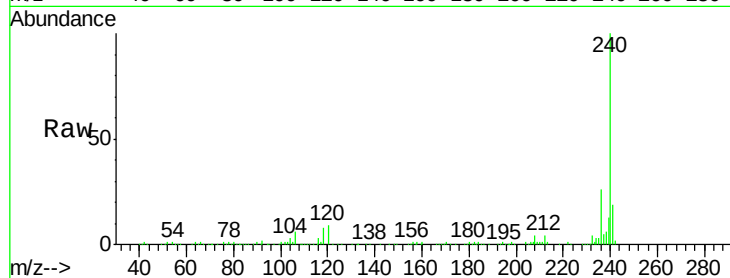
Tgt Ion:240 Resp: 302291

Ion Ratio Lower Upper

240 100

120 8.6 11.2 16.8#

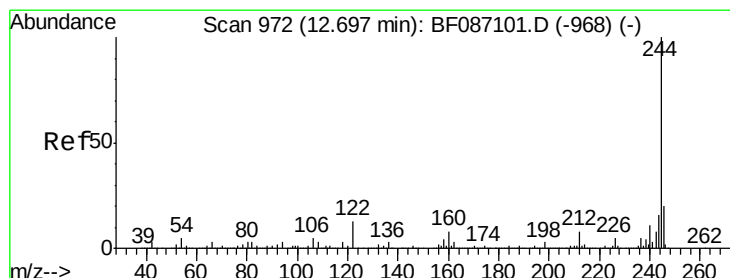
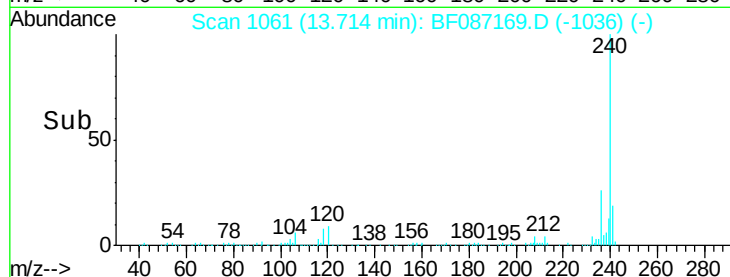
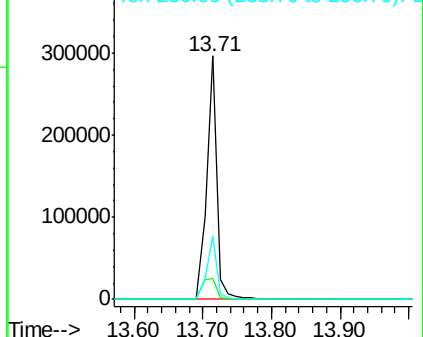
236 25.8 21.2 31.8



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: 90.17 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

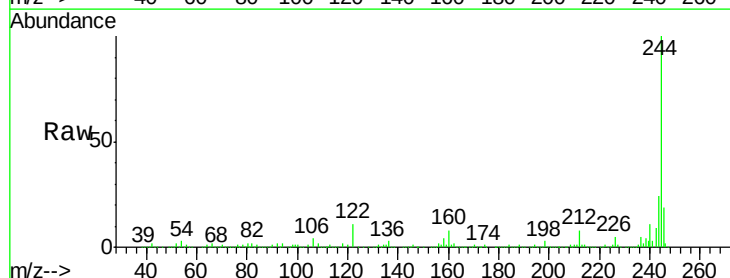
Tgt Ion:244 Resp: 1205016

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

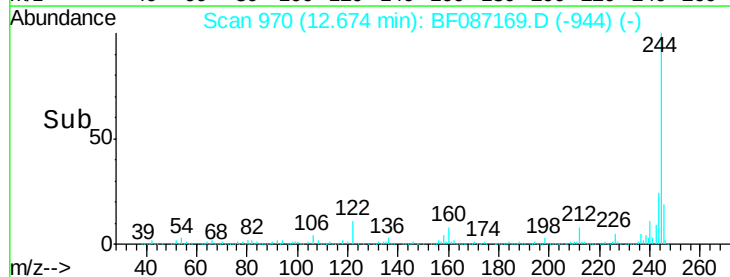
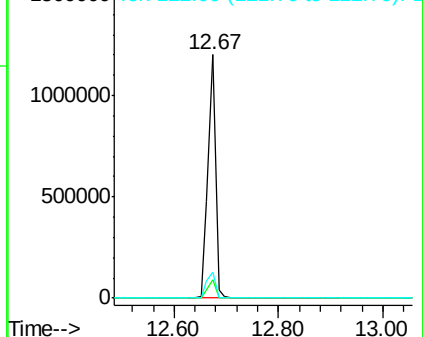
122 10.9 12.0 18.0#

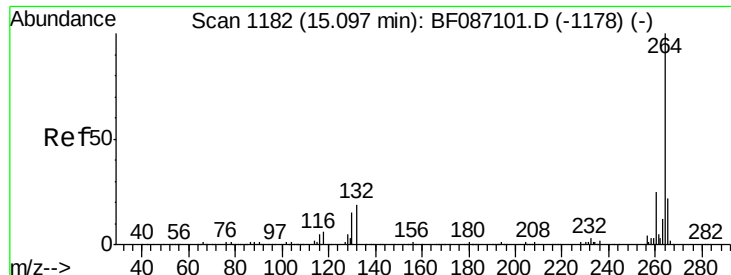


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

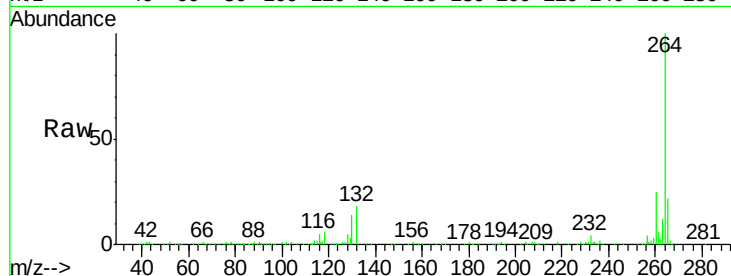




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	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

