

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088169.D
 Acq On : 19 Jun 2016 8:35
 Operator : UM/SJ
 Sample : H3628-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Jun 20 00:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

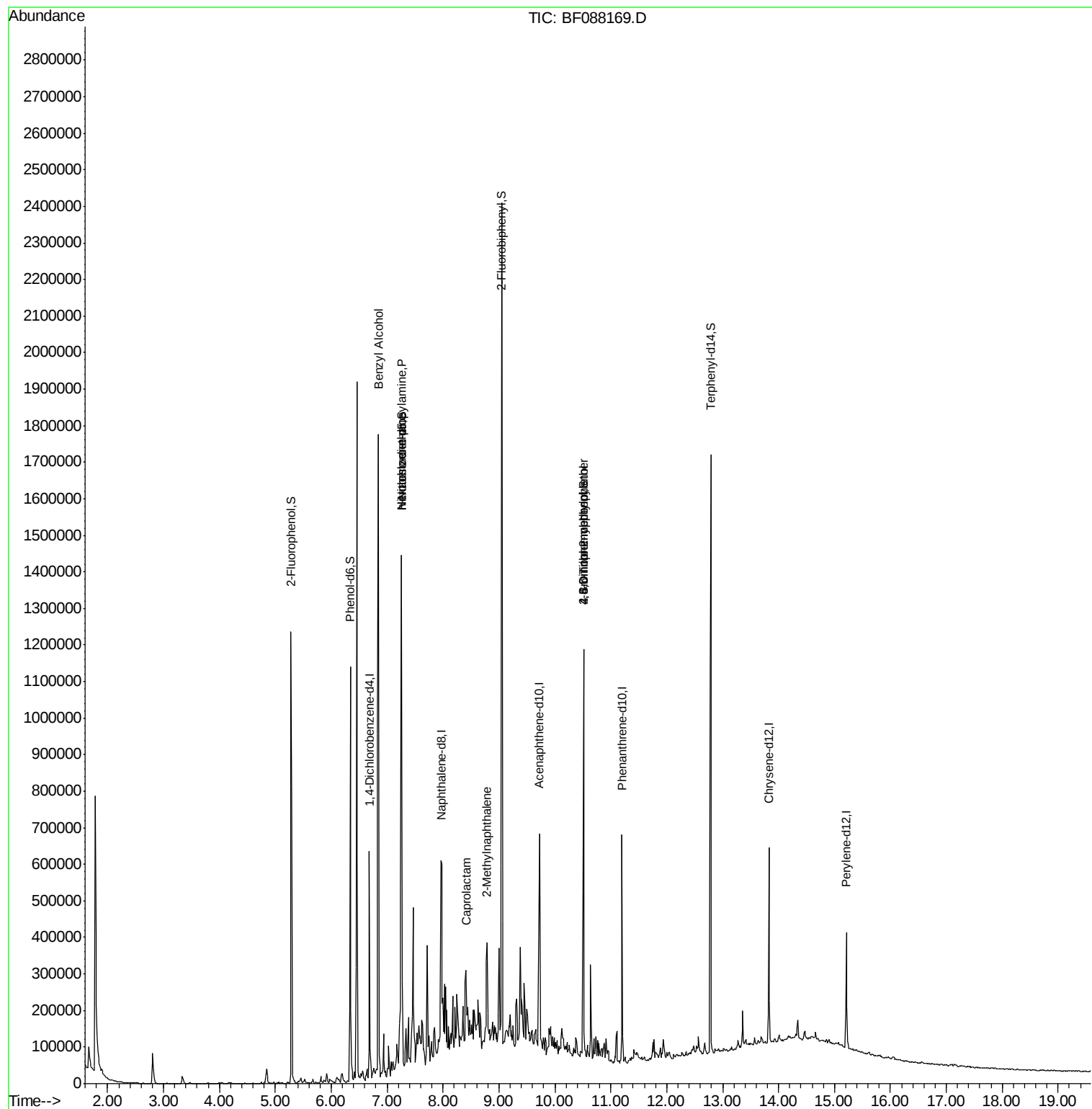
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92668	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	314040	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	132629	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	208679	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	172812	20.00	ng	-0.02
86) Perylene-d12	15.21	264	128990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	483025	89.11	ng	0.00
7) Phenol-d6	6.34	99	409732	62.37	ng	-0.01
23) Nitrobenzene-d5	7.26	82	458945	85.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	139649	99.72	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	752819	89.46	ng	-0.02
78) Terphenyl-d14	12.79	244	634086	83.50	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	964	Below Cal	#	1
15) Benzyl Alcohol	6.84	79	11161	2.17 ng	#	36
18) Hexachloroethane	7.26	117	41946	17.05 ng	#	5
19) n-Nitroso-di-n-propylamine	7.26	70	67910	16.16 ng	#	70
35) Caprolactam	8.41	113	9546	6.72 ng	#	45
37) 2-Methylnaphthalene	8.79	142	95942	9.37 ng		96
45) 1,1'-Biphenyl	9.15	154	502	Below Cal	#	47
57) Fluorene	10.26	166	5455	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	303	2.38 ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	9931	4.44 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: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088169.D

Acq: 19 Jun 2016 8:35

Instrument :

BNA_F

ClientSampled :

W-37

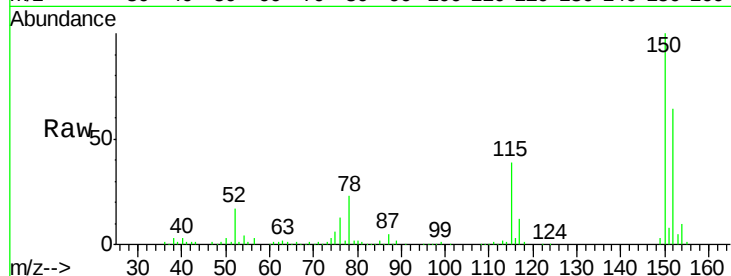
Tgt Ion:152 Resp: 92668

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

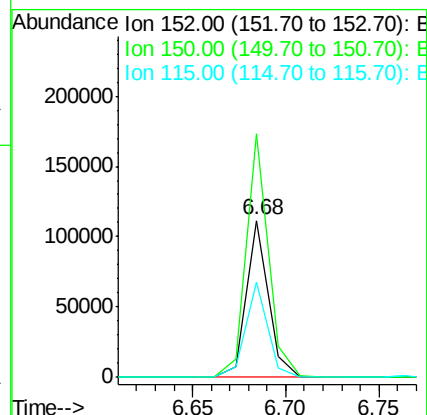
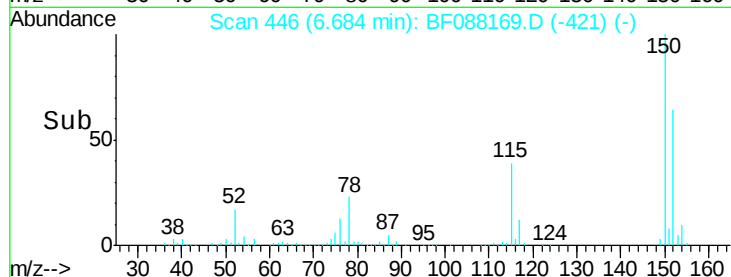
115 60.6 39.6 59.4#



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: 89.11 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088169.D

Acq: 19 Jun 2016 8:35

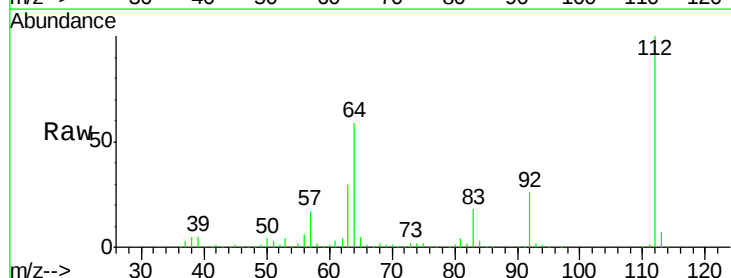
Tgt Ion:112 Resp: 483025

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

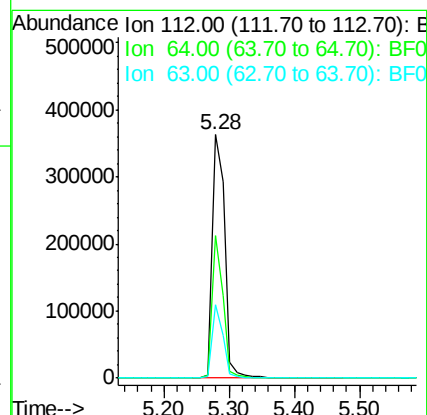
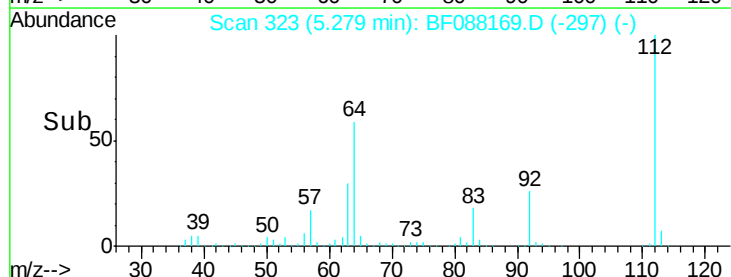
63 30.2 21.8 32.8

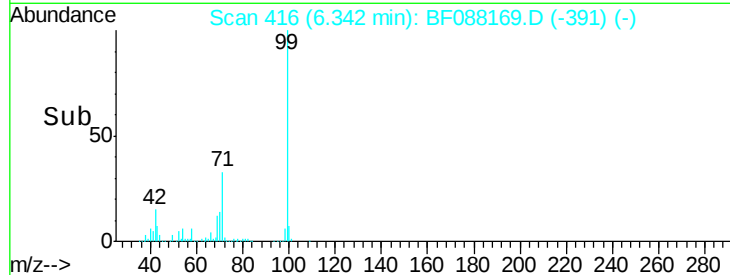
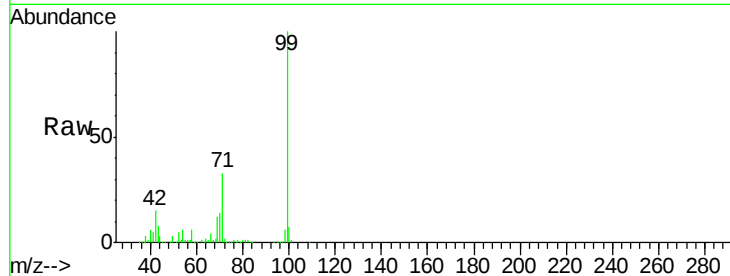


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

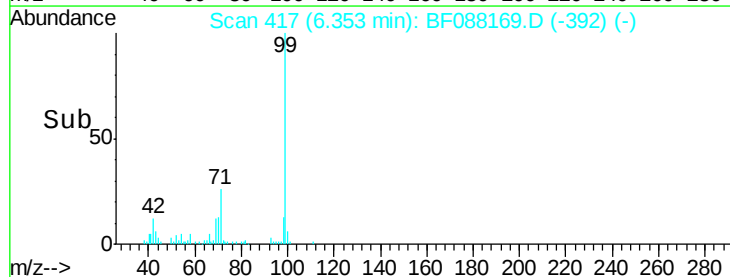
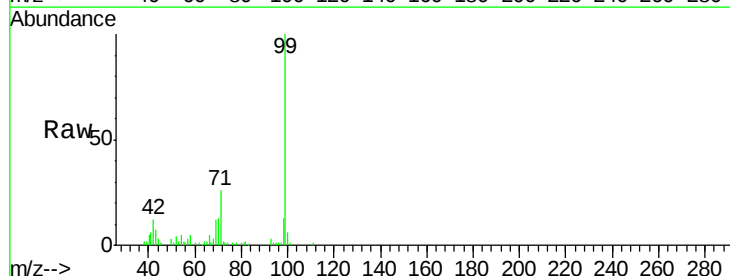
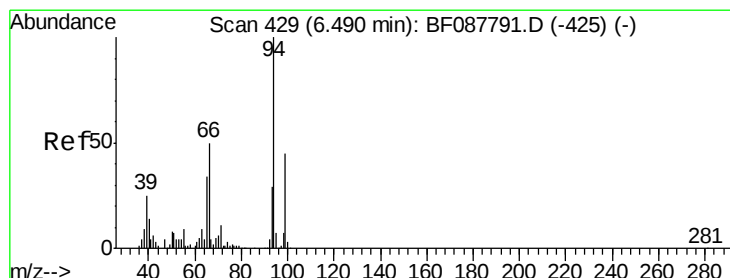
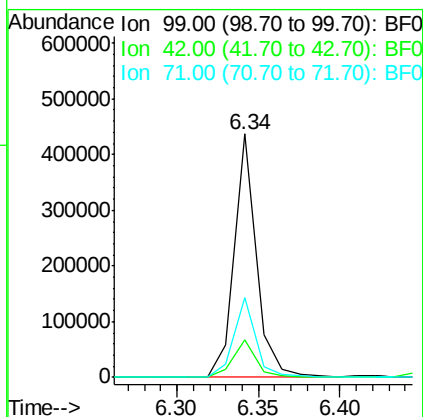




#7
Phenol-d6
Concen: 62.37 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

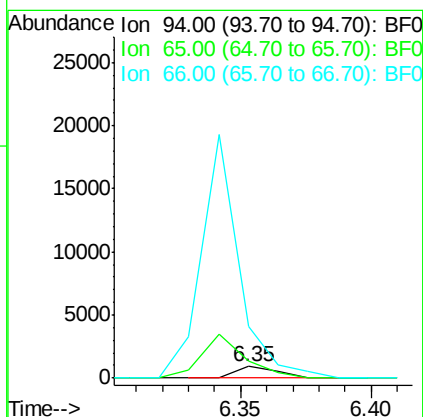
Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	32.5	23.4	35.0

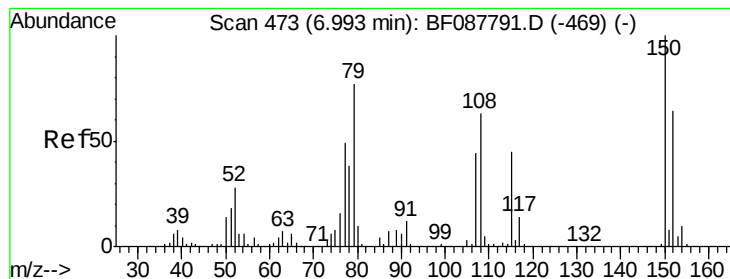
Instrument :
BNA_F
ClientSampleId :
W-37



#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	147.3	5.9	45.9#
66	452.2	14.0	54.0#





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088169.D

Acq: 19 Jun 2016 8:35

Instrument :

BNA_F

ClientSampleId :

W-37

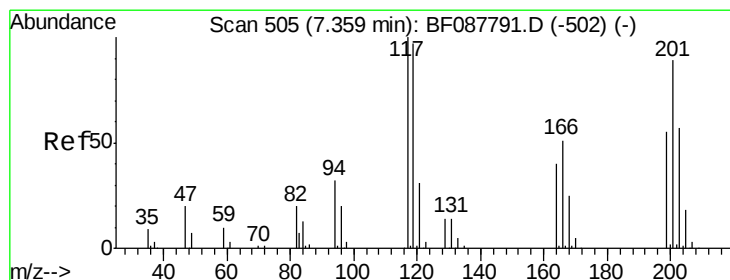
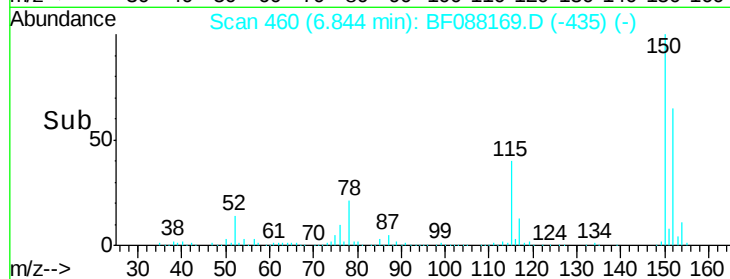
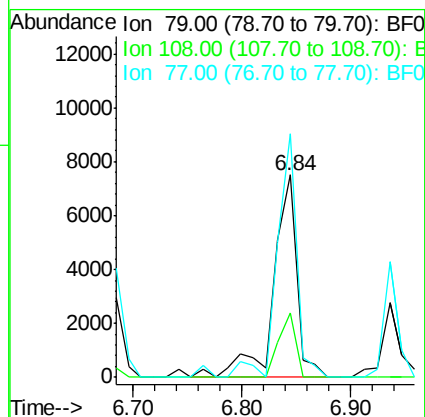
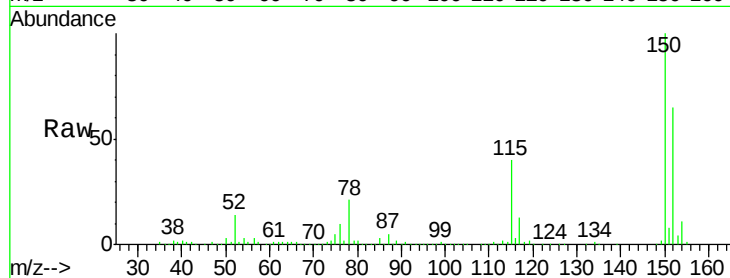
Tgt Ion: 79 Resp: 11161

Ion Ratio Lower Upper

79 100

108 31.9 65.0 97.6#

77 120.3 50.3 75.5#



#18

Hexachloroethane

Concen: 17.05 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.05 min

Lab File: BF088169.D

Acq: 19 Jun 2016 8:35

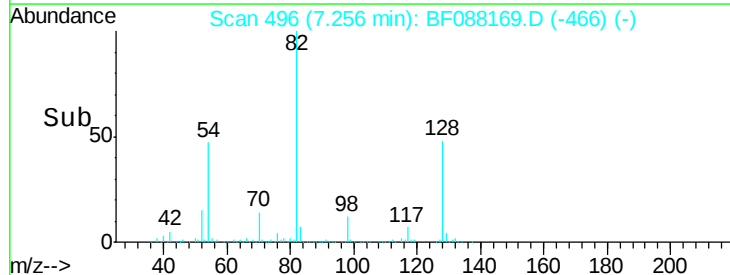
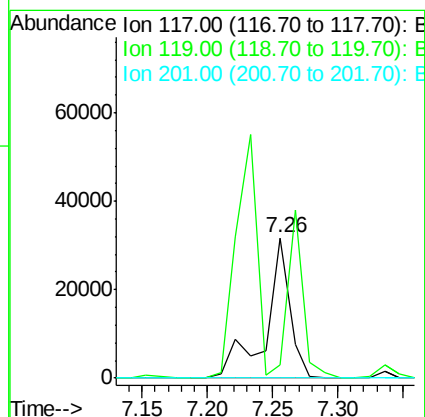
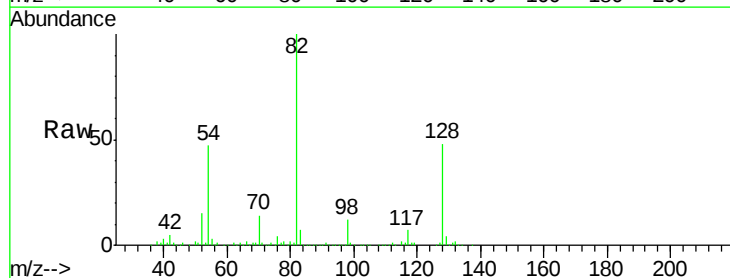
Tgt Ion: 117 Resp: 41946

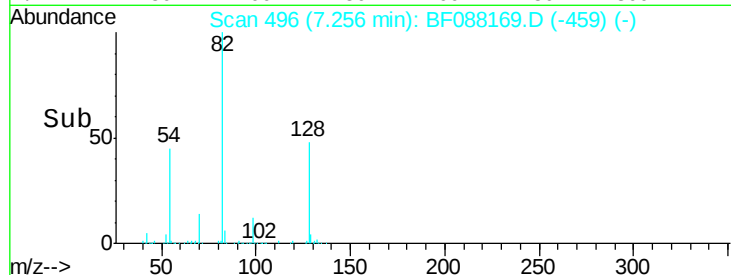
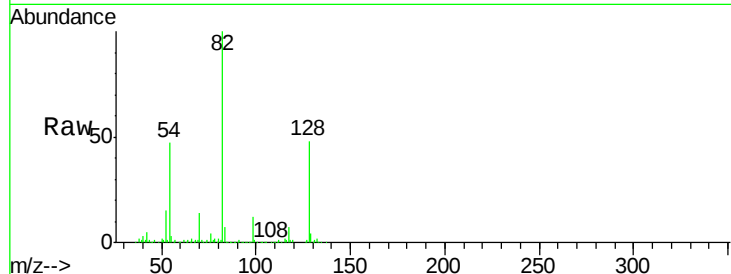
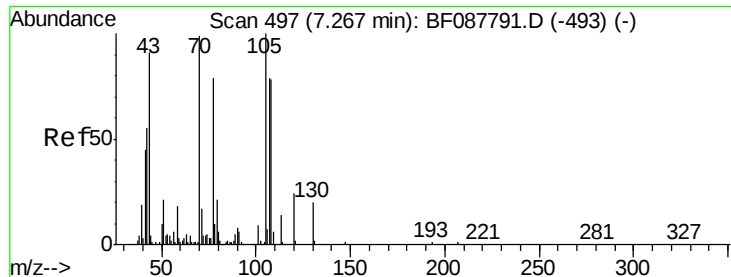
Ion Ratio Lower Upper

117 100

119 9.2 77.4 116.2#

201 0.0 80.4 120.6#

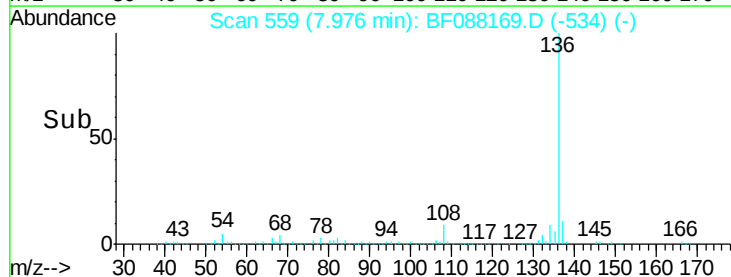
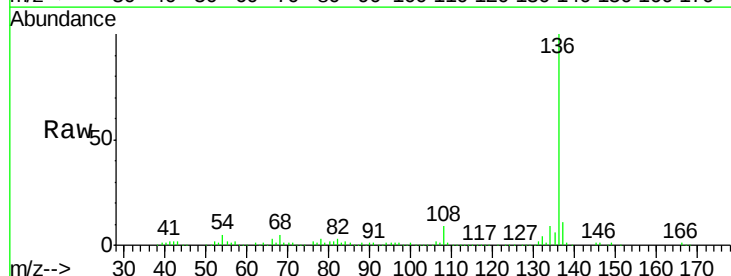
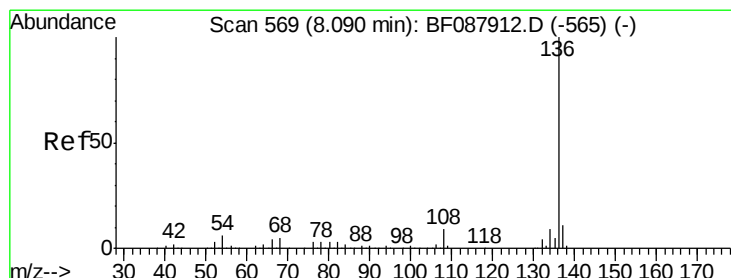
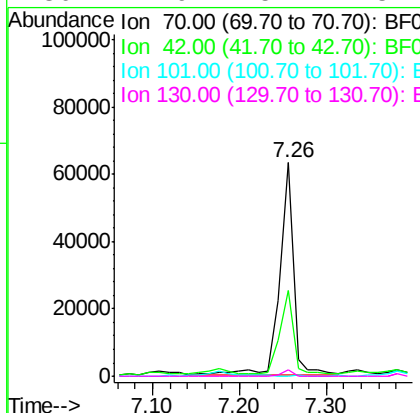




#19
n-Nitroso-di-n-propylamine
Concen: 16.16 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

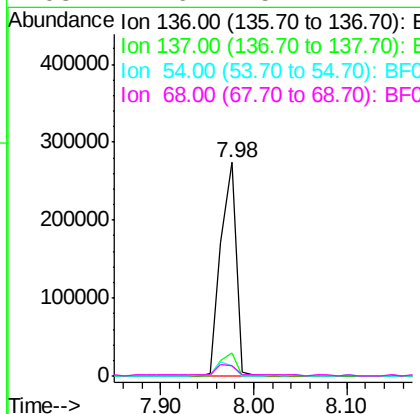
Instrument :
BNA_F
ClientSampleId :
W-37

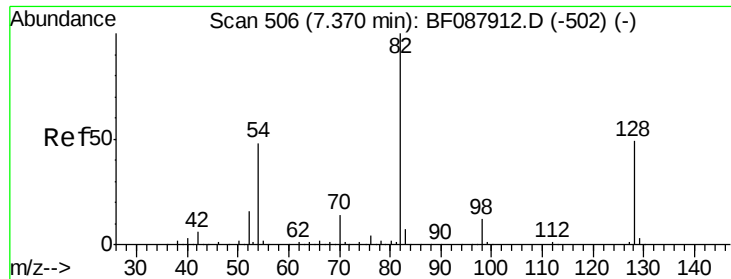
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.0	6.6	10.0#
68	4.6	5.1	7.7#

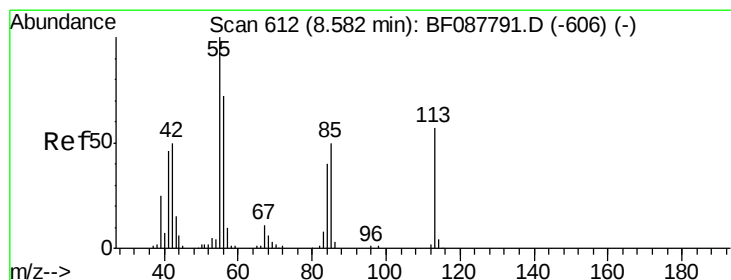
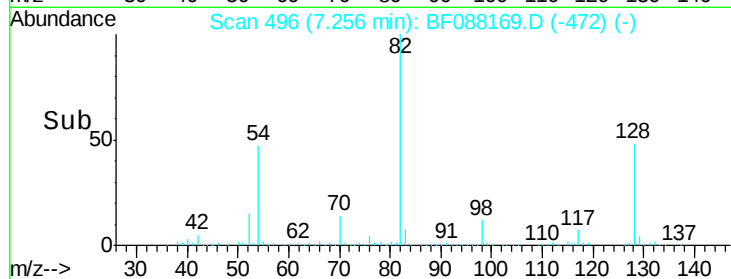
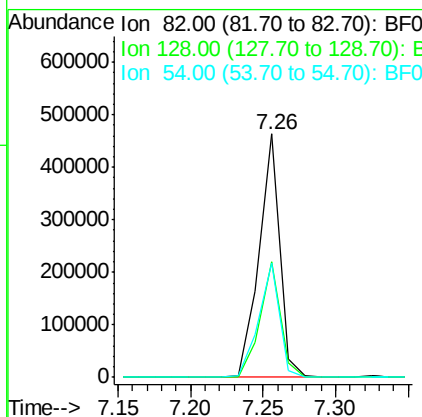
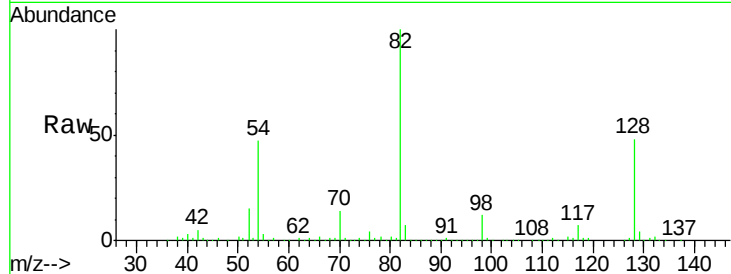




#23
 Nitrobenzene-d5
 Concen: 85.34 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

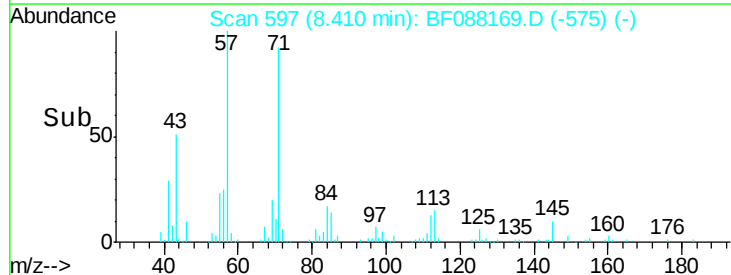
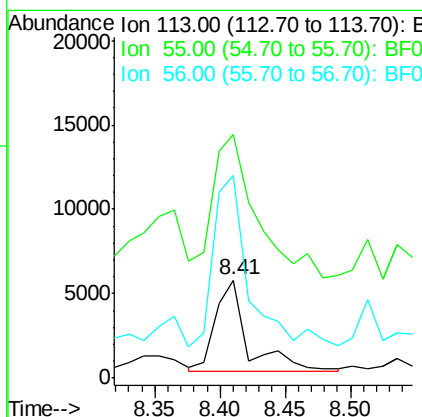
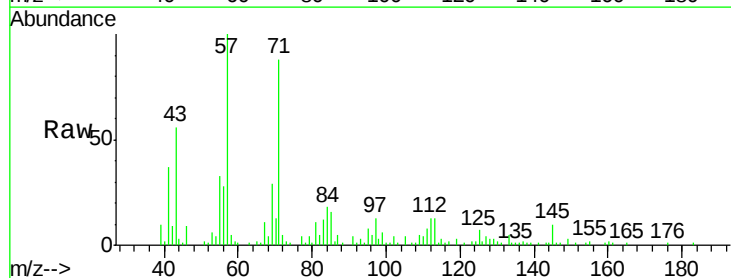
Instrument :
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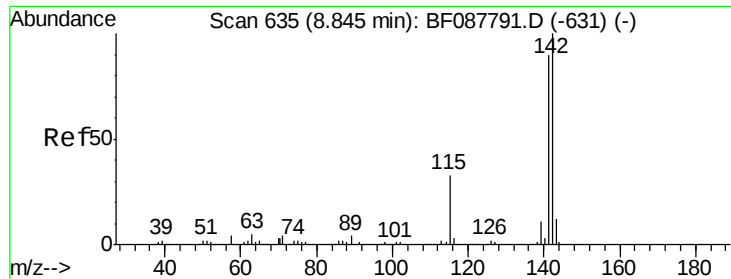
Tgt Ion: 82 Resp: 458945
 Ion Ratio Lower Upper
 82 100
 128 47.7 35.9 53.9
 54 47.1 40.9 61.3



#35
 Caprolactam
 Concen: 6.72 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.05 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Tgt Ion: 113 Resp: 9546
 Ion Ratio Lower Upper
 113 100
 55 247.7 158.6 198.6#
 56 205.8 110.6 150.6#

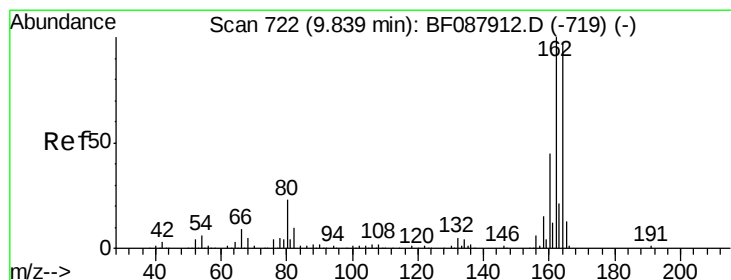
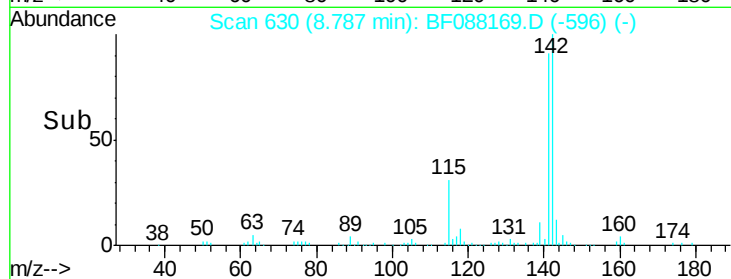
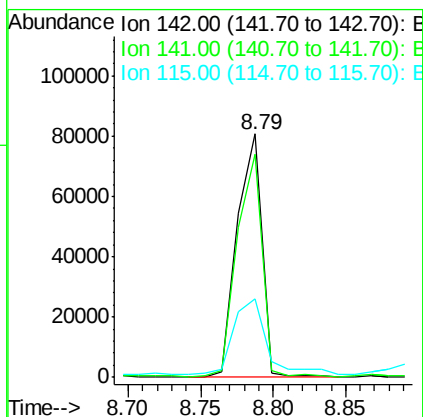
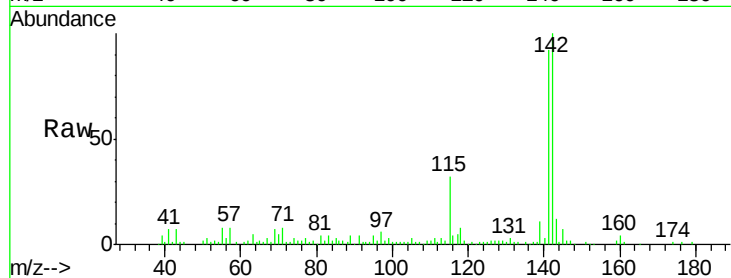




#37
 2-Methylnaphthalene
 Concen: 9.37 ng
 RT: 8.79 min Scan# 630
 Delta R.T. 0.09 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

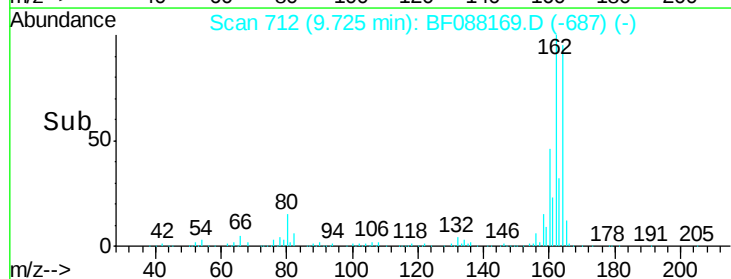
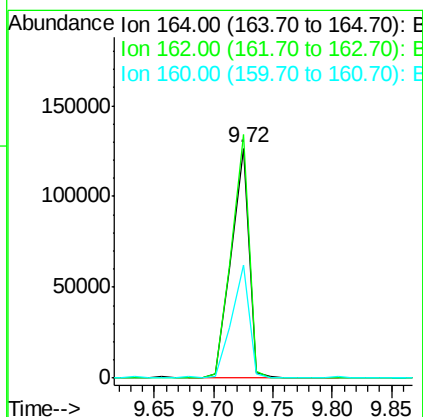
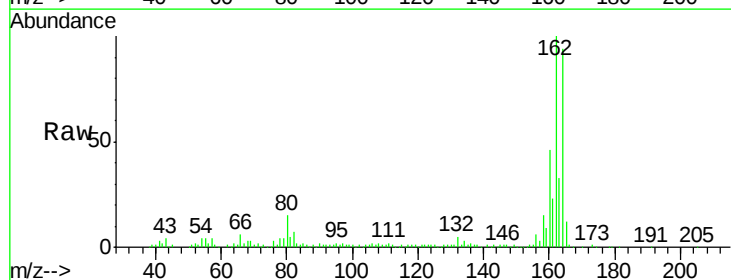
Instrument :
 BNA_F
 ClientSampleId :
 W-37

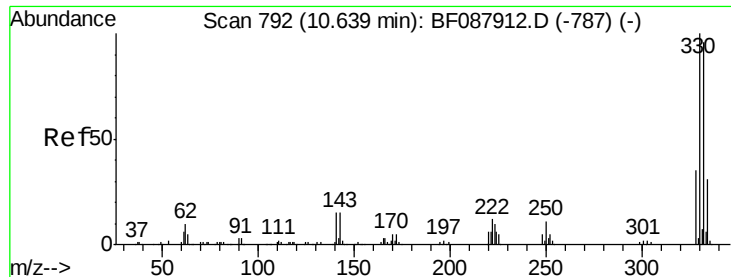
Tgt Ion:142 Resp: 95942
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.0 106.6
 115 32.0 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Tgt Ion:164 Resp: 132629
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 49.0 39.5 59.3

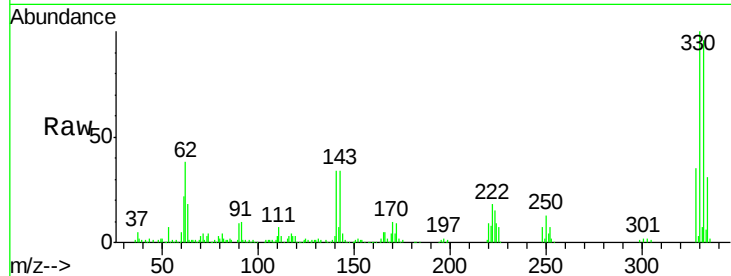




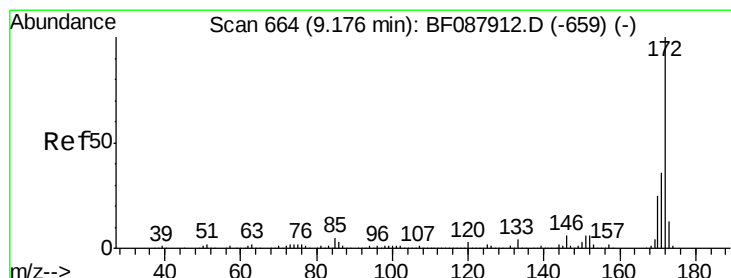
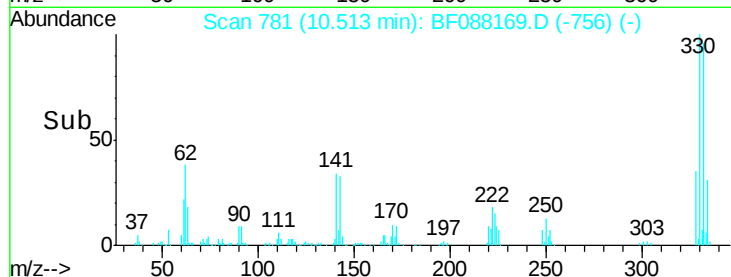
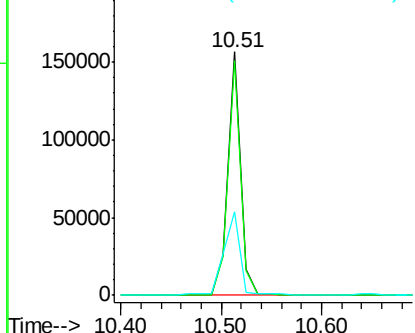
#41
 2,4,6-Tribromophenol
 Concen: 99.72 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	41.4	0.0	0.0#

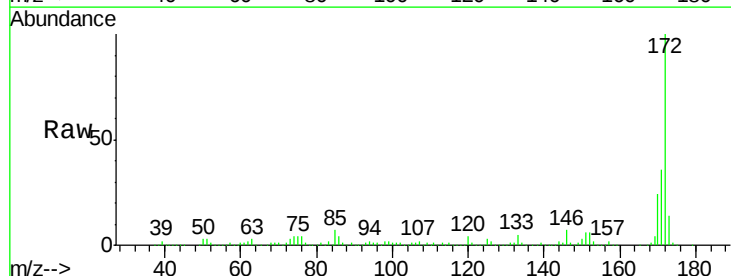


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

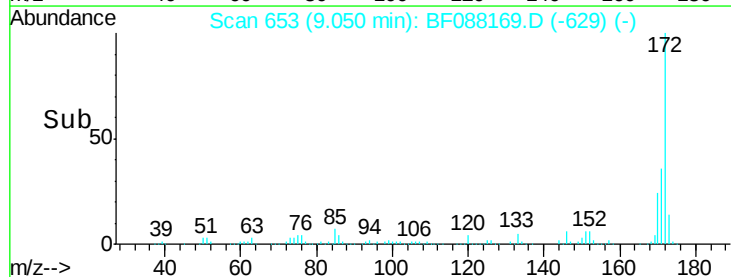
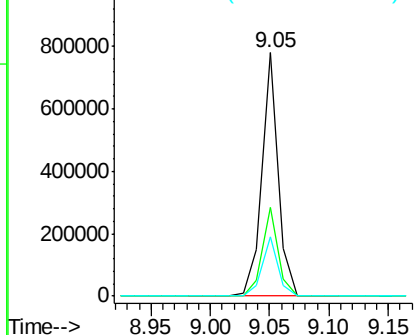


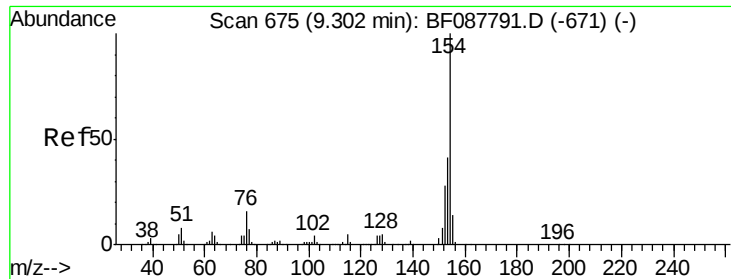
#44
 2-Fluorobiphenyl
 Concen: 89.46 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.2	28.8



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

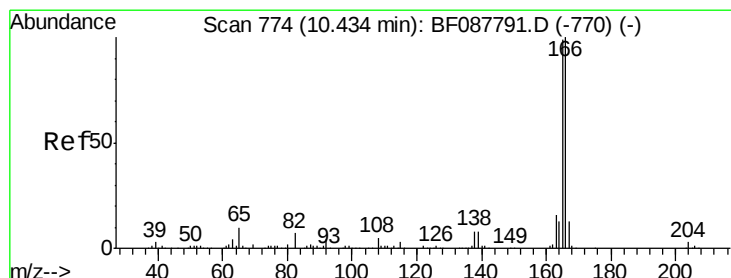
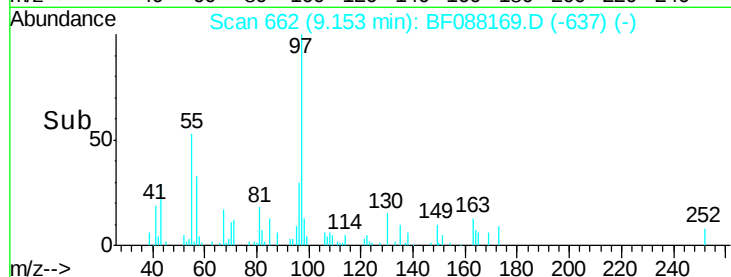
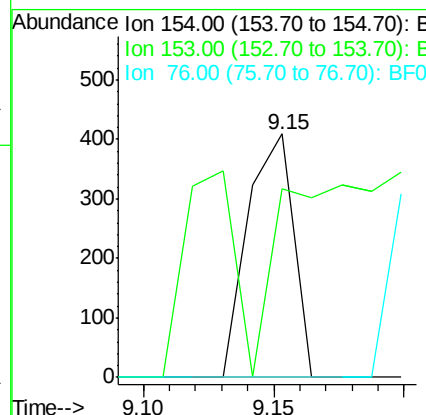
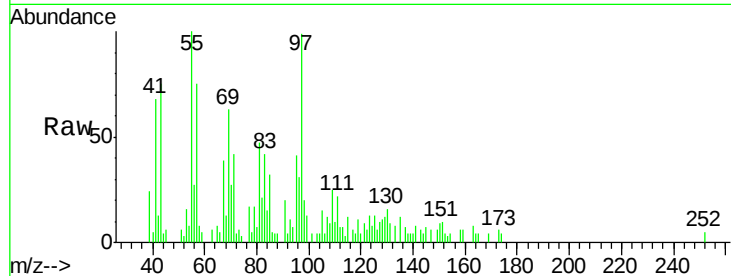




#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

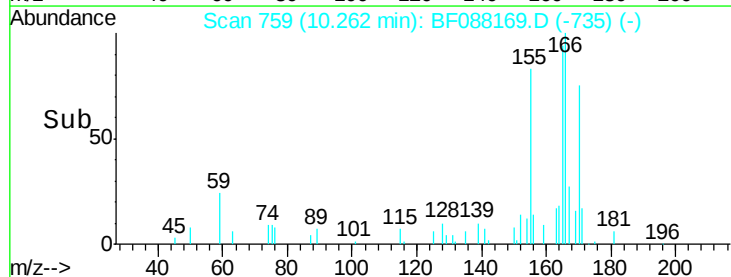
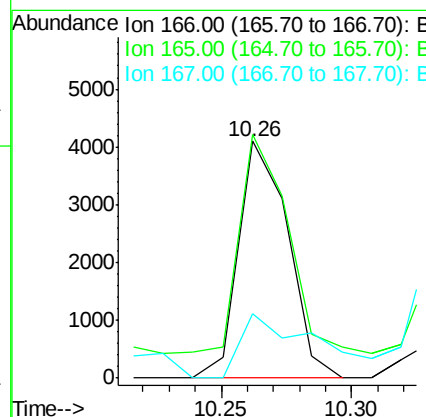
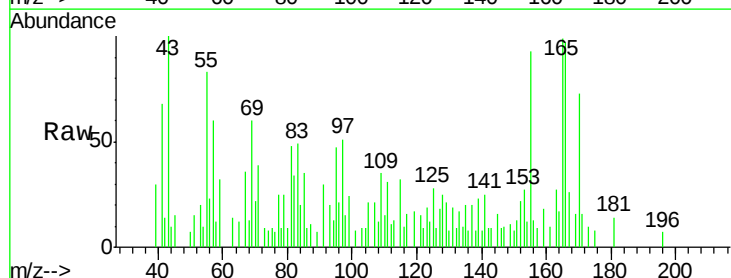
Instrument :
BNA_F
ClientSampleId :
W-37

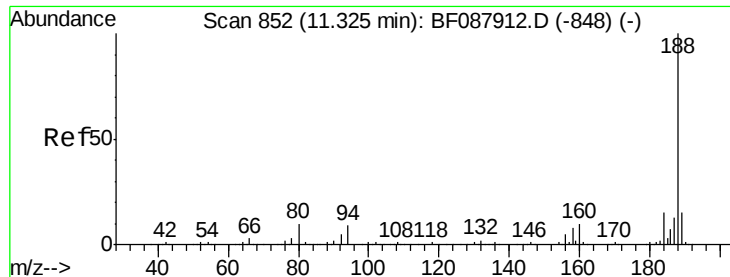
Tgt Ion:154 Resp: 502
Ion Ratio Lower Upper
154 100
153 77.5 20.6 60.6#
76 0.0 0.0 35.1



#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Tgt Ion:166 Resp: 5455
Ion Ratio Lower Upper
166 100
165 102.8 77.8 116.8
167 27.2 11.2 16.8#

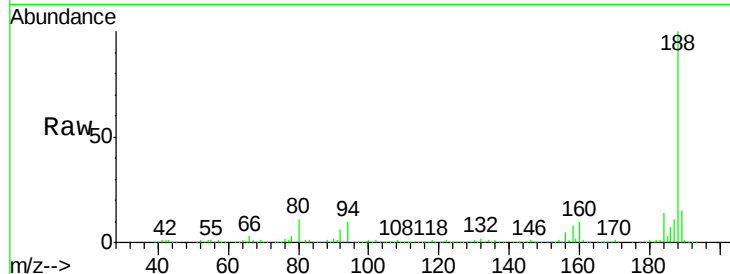




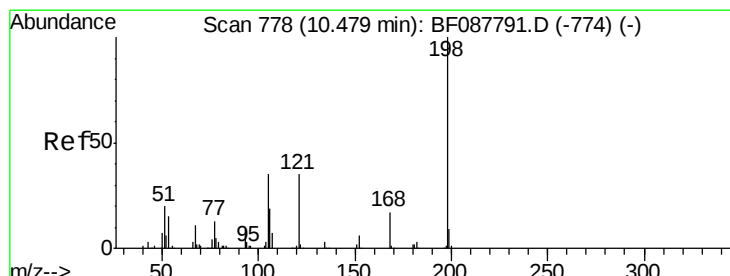
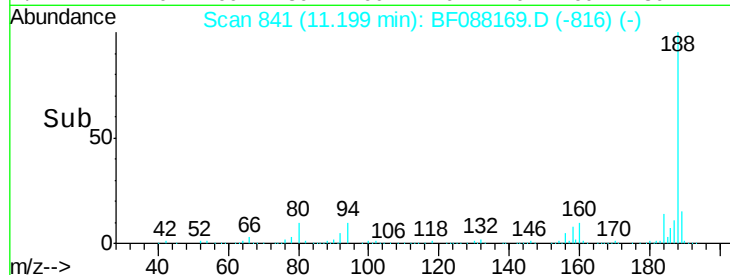
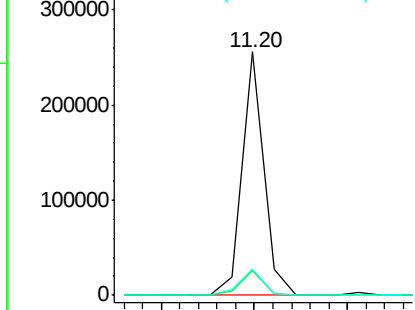
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:188 Resp: 208679
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.5 10.0 15.0

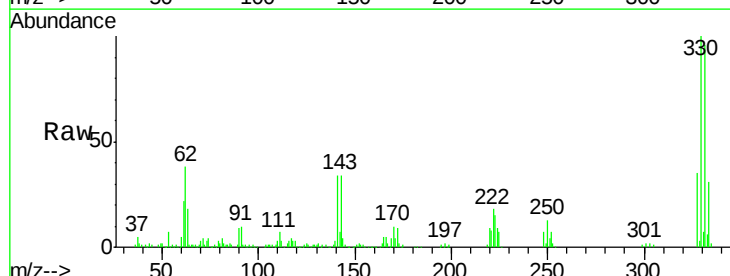


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

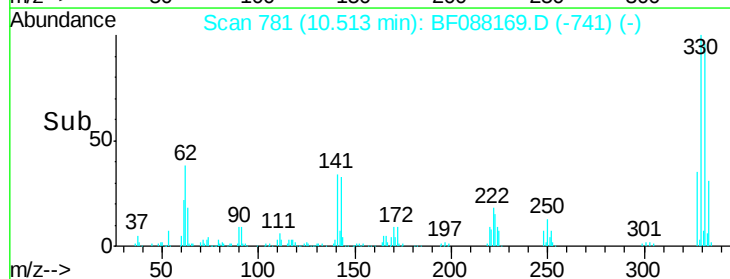
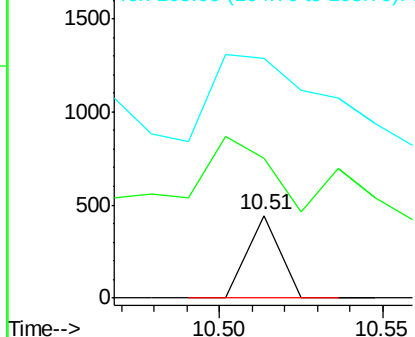


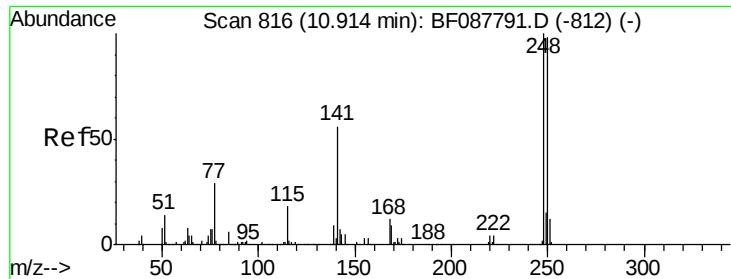
#64
4,6-Dinitro-2-methylphenol
Concen: 2.38 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.16 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Tgt Ion:198 Resp: 303
Ion Ratio Lower Upper
198 100
51 169.2 39.6 79.6#
105 290.5 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

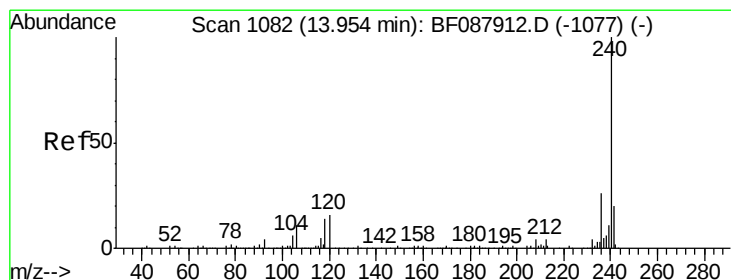
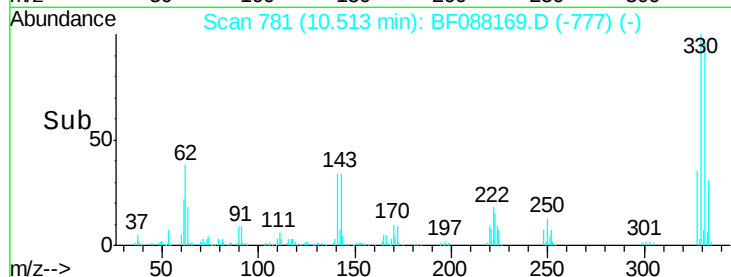
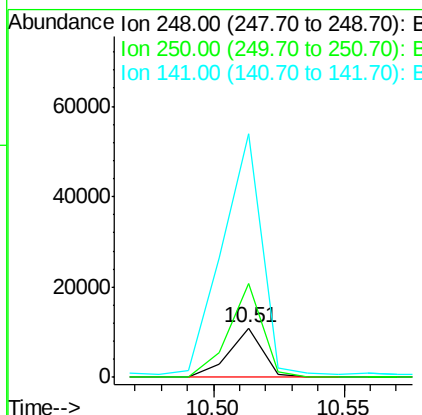
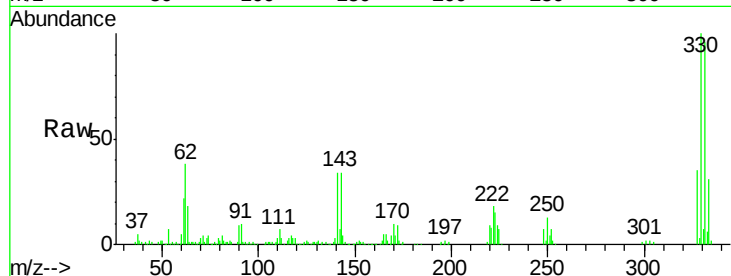




#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

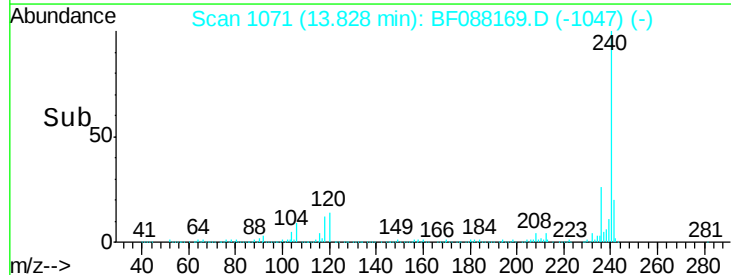
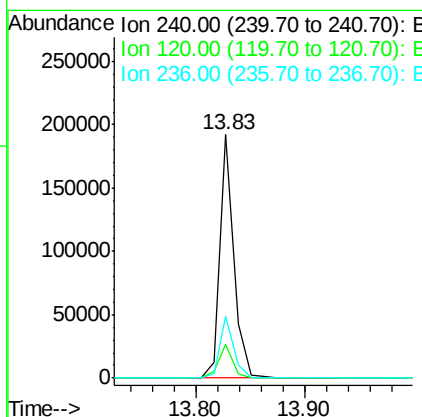
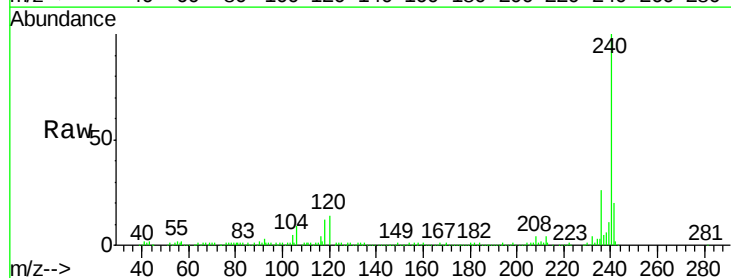
Instrument :
BNA_F
ClientSampleId :
W-37

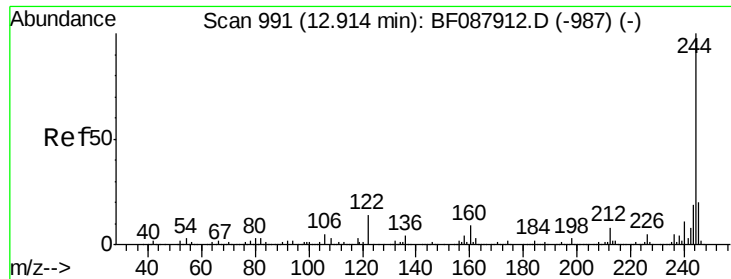
Tgt Ion:248 Resp: 9931
Ion Ratio Lower Upper
248 100
250 189.3 77.1 115.7#
141 491.3 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088169.D
Acq: 19 Jun 2016 8:35

Tgt Ion:240 Resp: 172812
Ion Ratio Lower Upper
240 100
120 13.9 6.8 10.2#
236 25.6 20.2 30.2

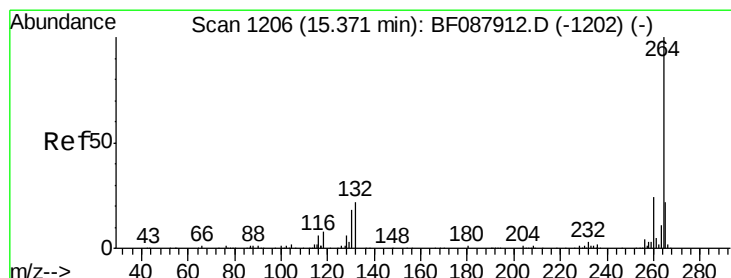
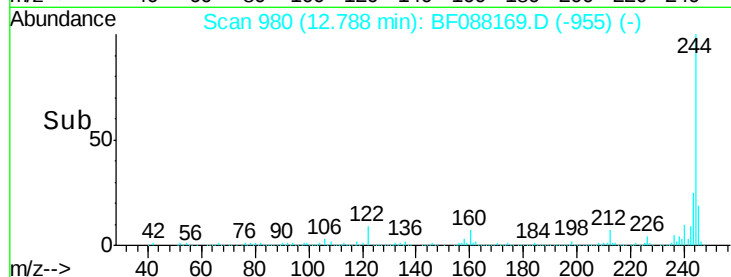
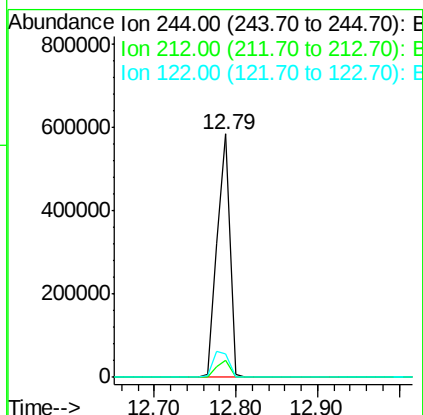
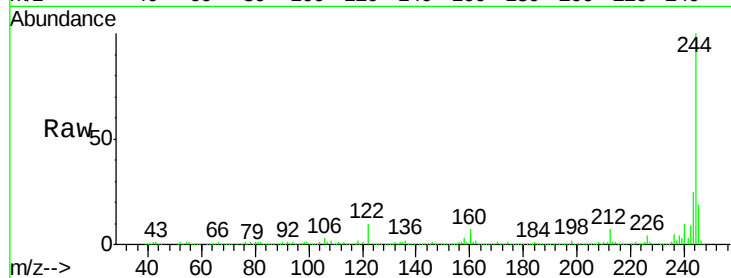




#78
 Terphenyl-d14
 Concen: 83.50 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion: 244 Resp: 634086
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.5 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088169.D
 Acq: 19 Jun 2016 8:35

Tgt Ion: 264 Resp: 128990
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 16.9 25.3

