

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087716.D
 Acq On : 5 Jun 2016 19:21
 Operator : UM/SJ
 Sample : H3362-10
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961-9008

Quant Time: Jun 06 03:09:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

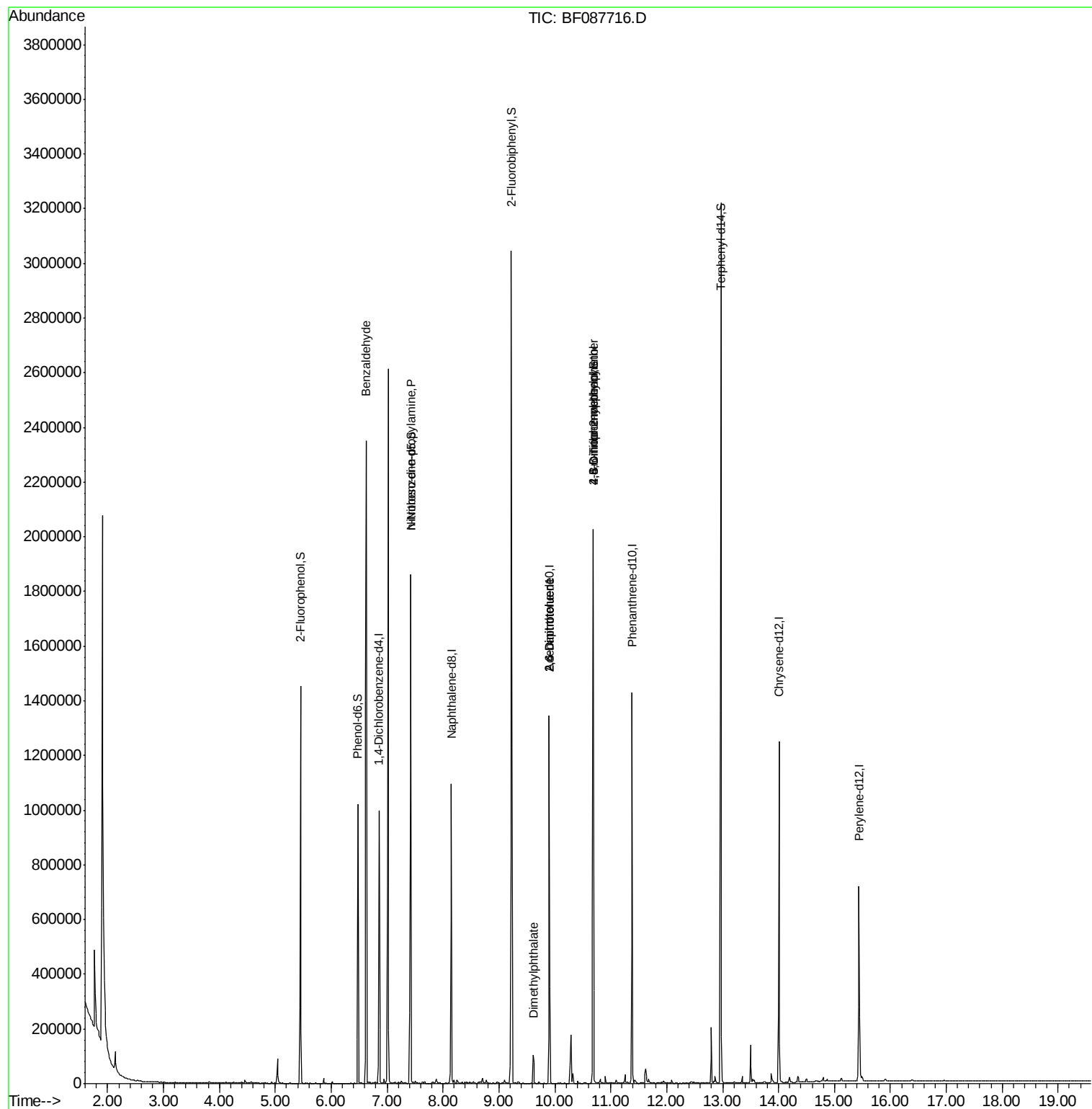
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143516	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	603723	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	270755	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	536776	20.00	ng	0.00
75) Chrysene-d12	14.01	240	402698	20.00	ng	-0.01
86) Perylene-d12	15.44	264	321497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	388973	43.81	ng	0.00
7) Phenol-d6	6.48	99	315056	28.29	ng	-0.01
23) Nitrobenzene-d5	7.43	82	776489	74.41	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	258629	95.16	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1215487	63.75	ng	-0.01
78) Terphenyl-d14	12.97	244	1056929	64.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17547	2.33	ng	# 74
19) n-Nitroso-di-n-propylamine	7.43	70	103253	14.85	ng	# 72
49) Dimethylphthalate	9.62	163	60123	3.05	ng	97
50) 2,6-Dinitrotoluene	9.90	165	35233	7.87	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	35235	6.18	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	440	2.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15509	2.91	ng	# 1

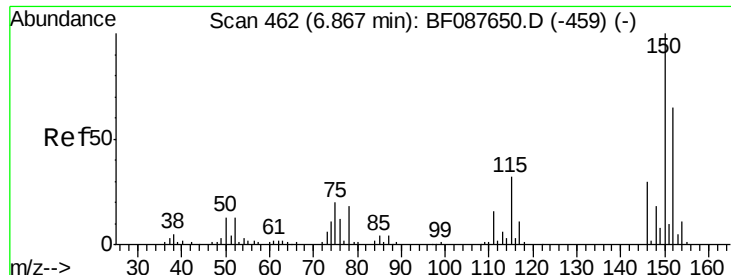
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

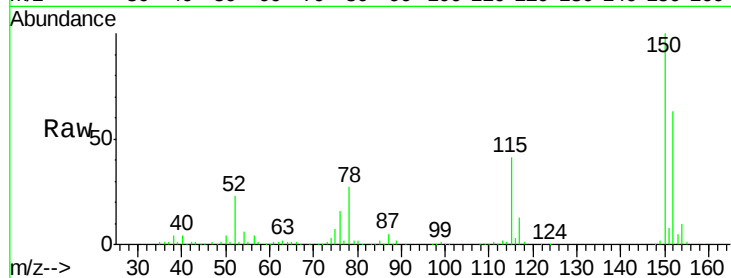
Tgt Ion:152 Resp: 143516

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

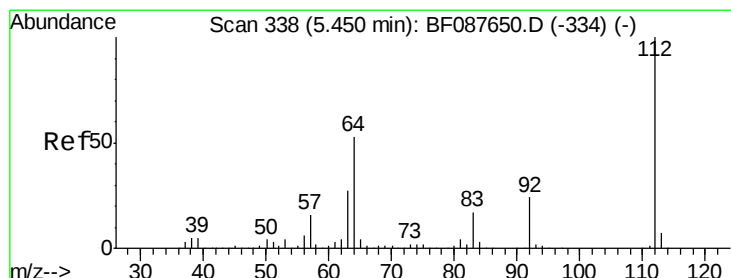
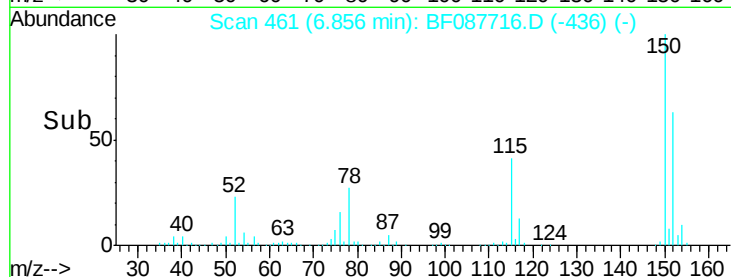
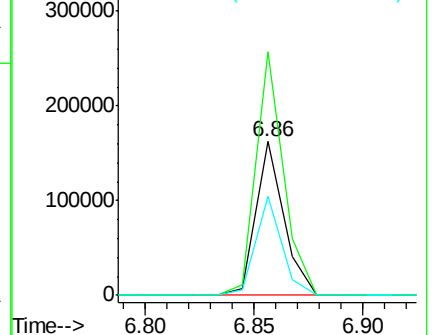
115 64.2 39.6 59.4#



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: 43.81 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

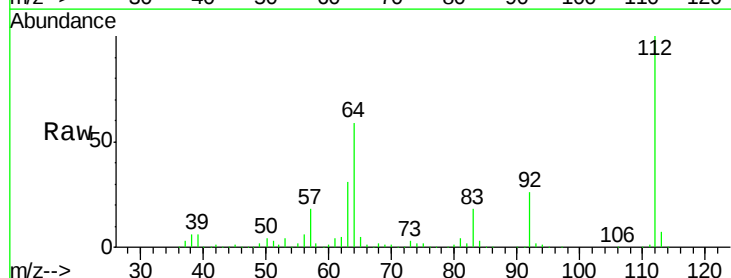
Tgt Ion:112 Resp: 388973

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

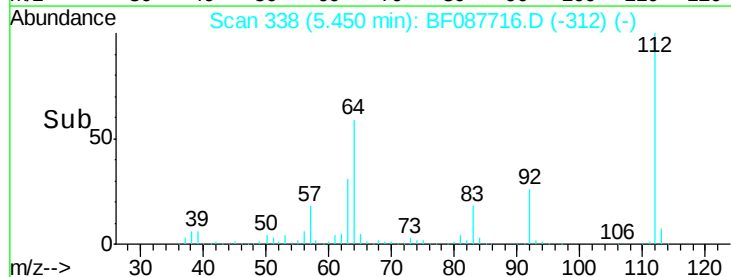
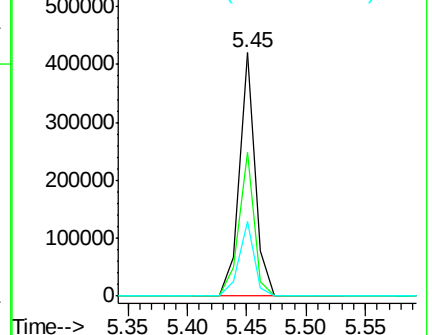
63 30.9 21.8 32.8

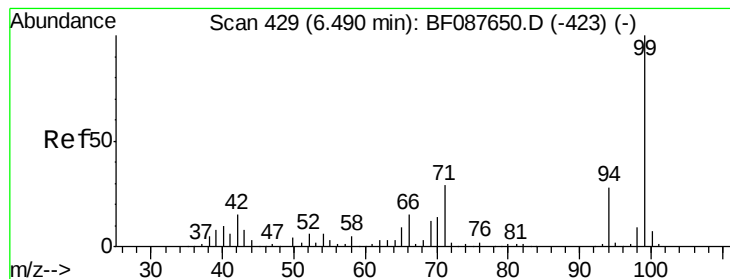


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.29 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

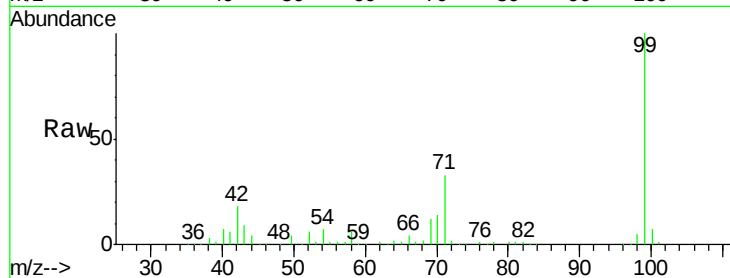
Tgt Ion: 99 Resp: 315056

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

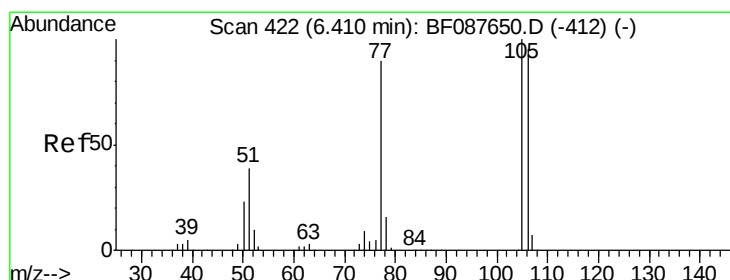
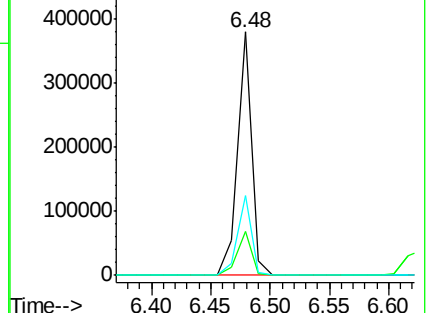
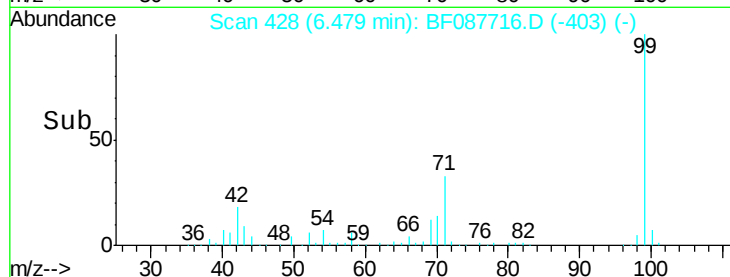
71 32.6 23.4 35.0



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: 2.33 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

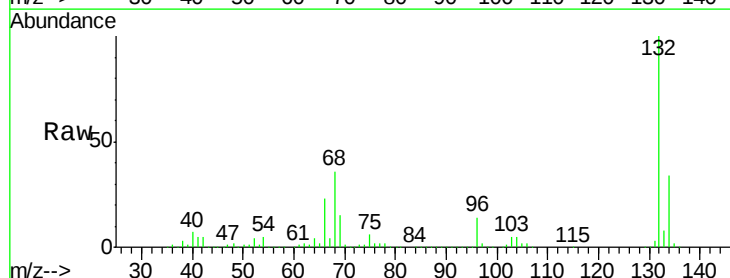
Tgt Ion: 77 Resp: 17547

Ion Ratio Lower Upper

77 100

105 87.0 90.6 130.6#

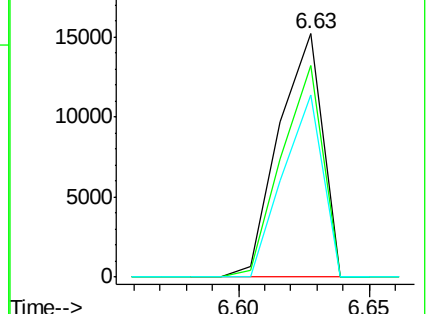
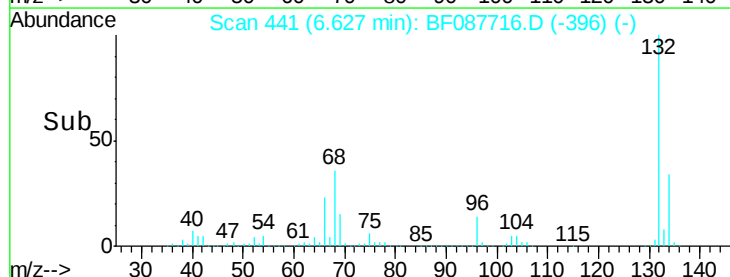
106 75.1 85.3 125.3#

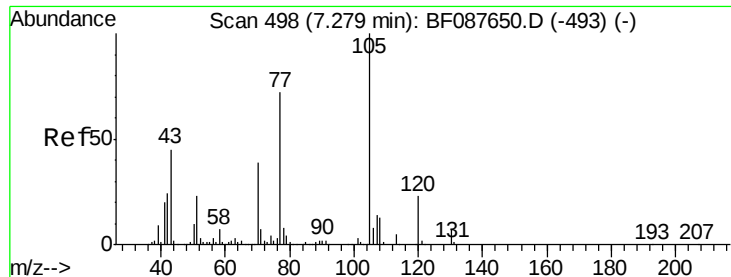


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

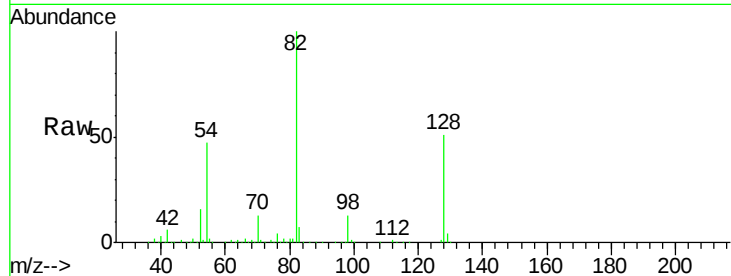




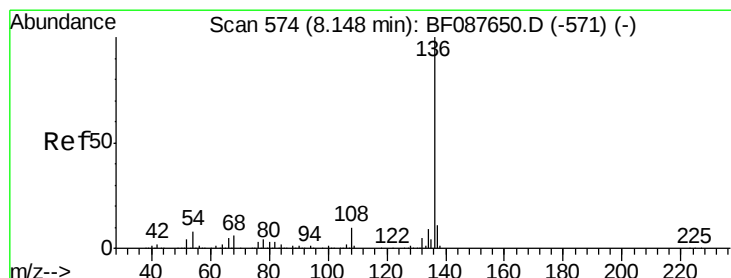
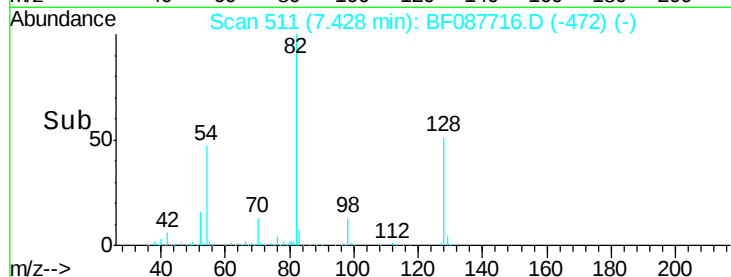
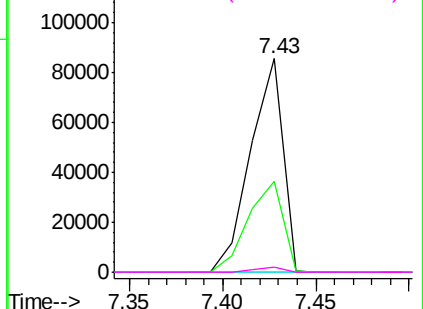
#19
n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087716.D
Acq: 5 Jun 2016 19:21

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 70 Resp: 103253
Ion Ratio Lower Upper
70 100
42 42.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.4 15.4 23.2#

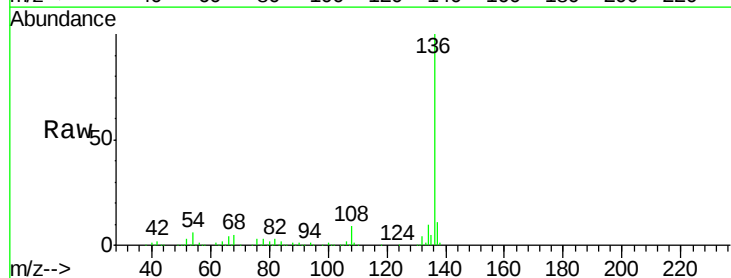


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

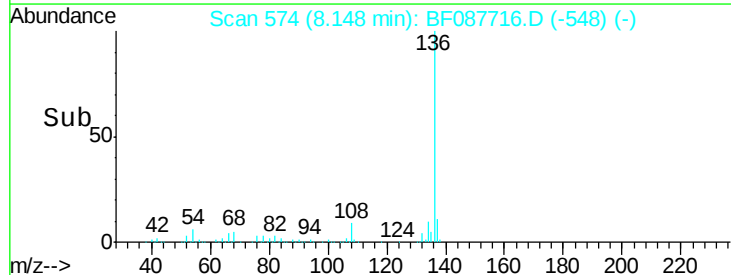
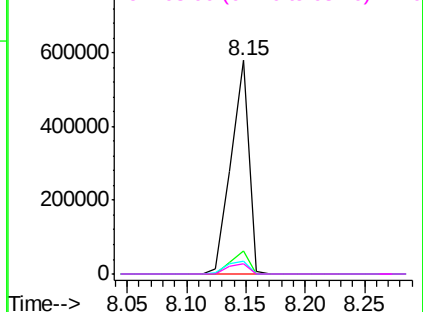


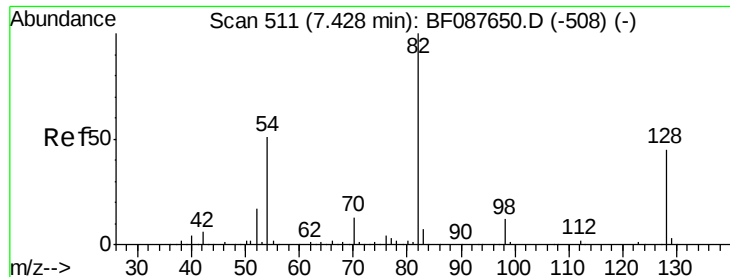
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087716.D
Acq: 5 Jun 2016 19:21

Tgt Ion: 136 Resp: 603723
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.0 6.6 10.0#
68 5.0 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 74.41 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

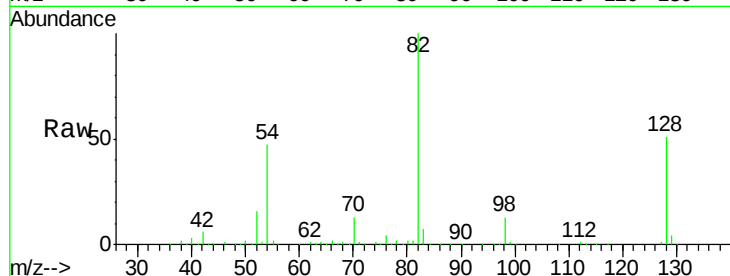
Tgt Ion: 82 Resp: 776489

Ion Ratio Lower Upper

82 100

128 50.8 35.9 53.9

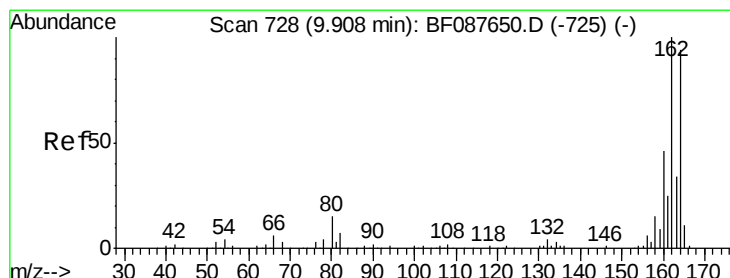
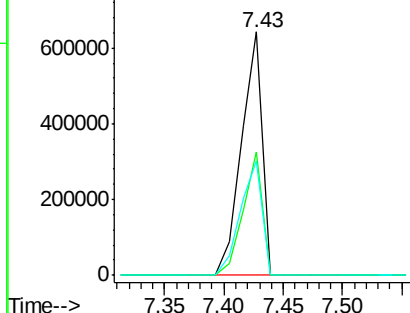
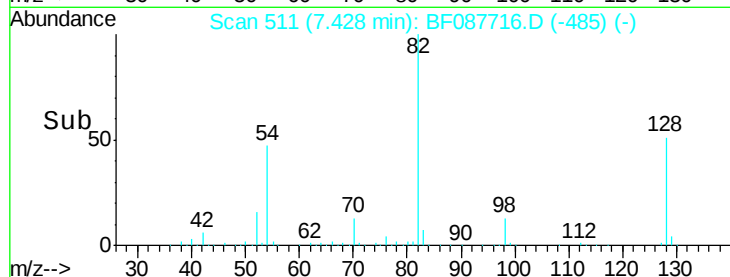
54 46.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

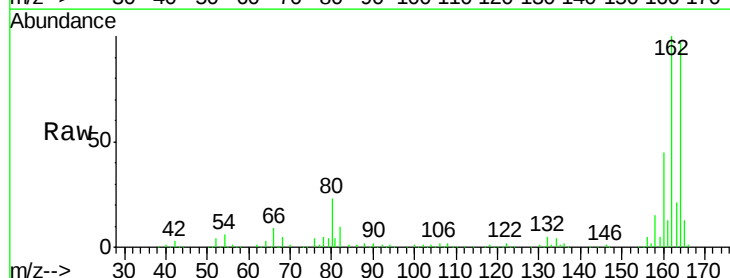
Tgt Ion: 164 Resp: 270755

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

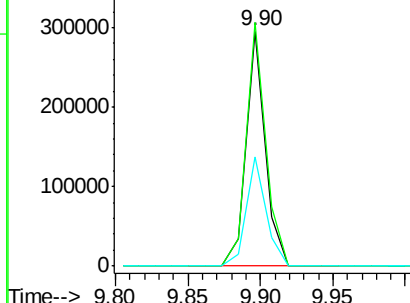
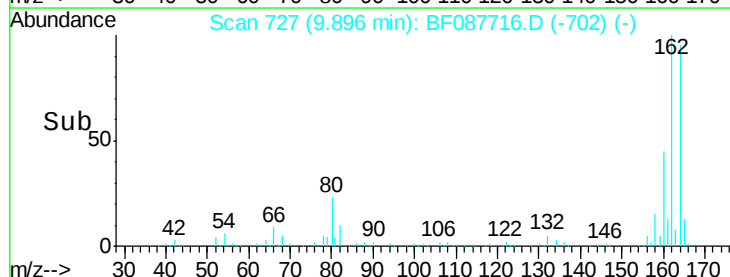
160 46.3 39.5 59.3

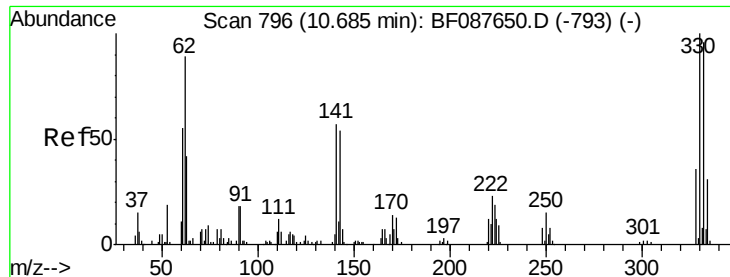


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B

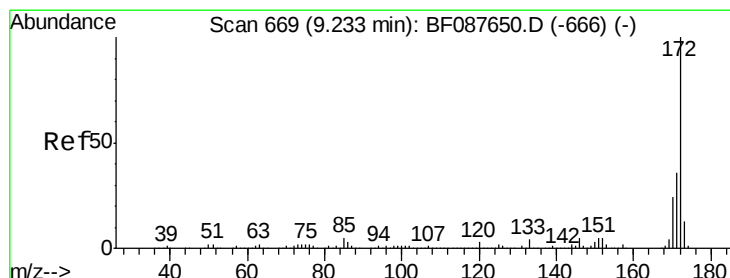
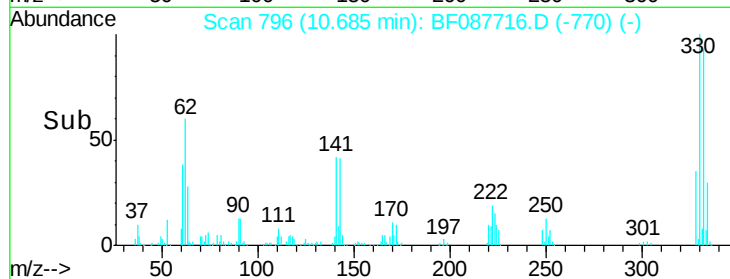
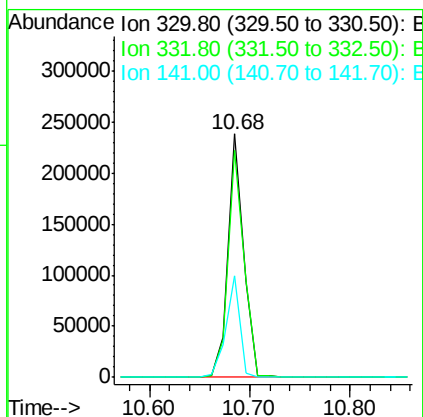
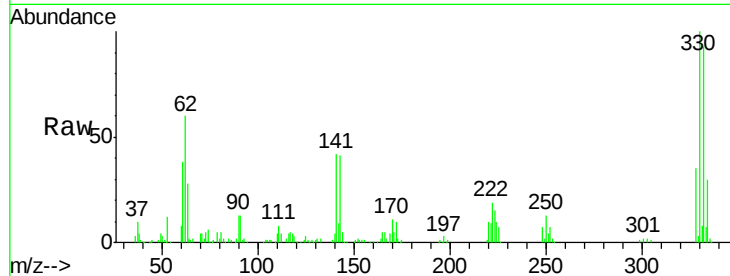




#41
 2,4,6-Tribromophenol
 Concen: 95.16 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087716.D
 Acq: 5 Jun 2016 19:21

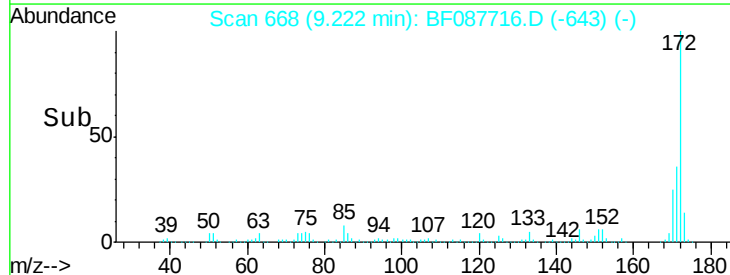
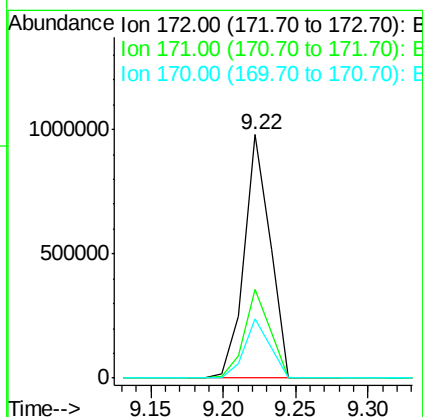
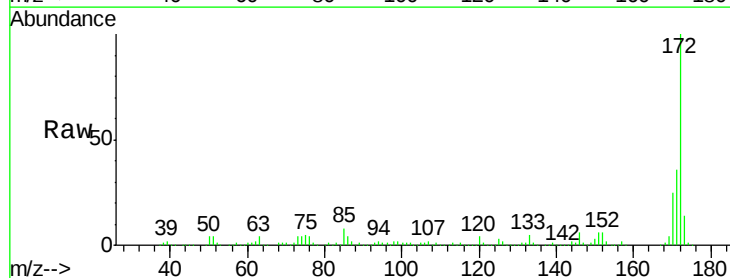
Instrument :
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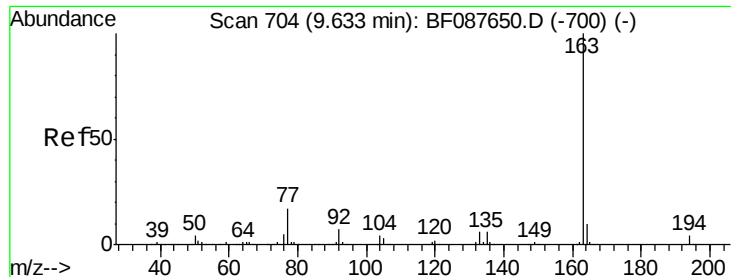
Tgt Ion:330 Resp: 258629
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 37.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 63.75 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087716.D
 Acq: 5 Jun 2016 19:21

Tgt Ion:172 Resp: 1215487
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.5 19.2 28.8





#49

Dimethylphthalate

Concen: 3.05 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

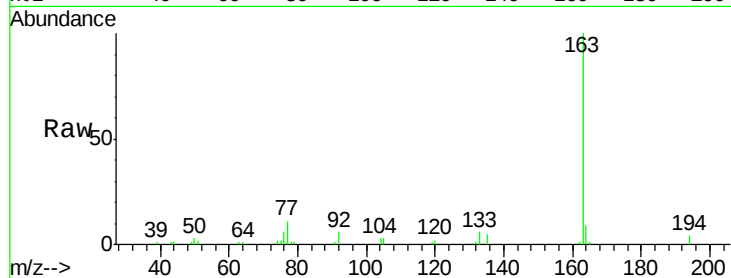
Tgt Ion:163 Resp: 60123

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

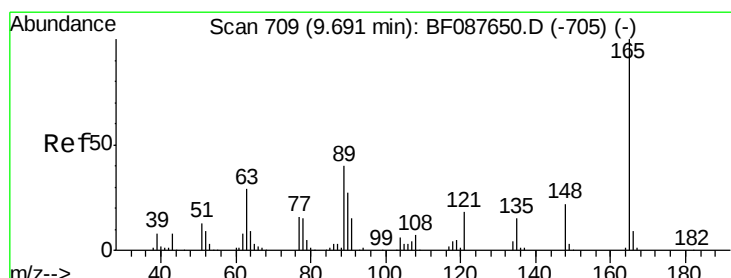
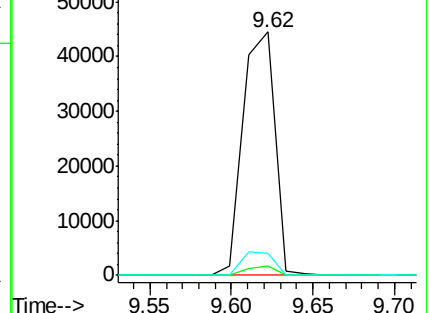
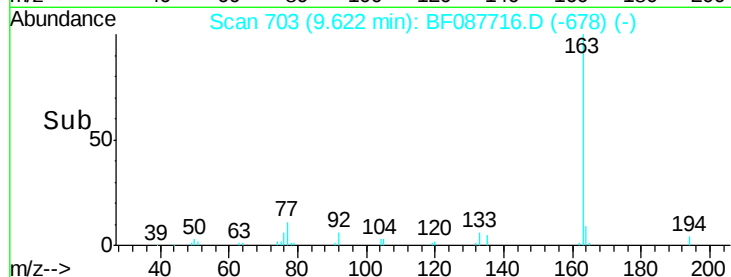
164 9.2 8.3 12.5



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: 7.87 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.21 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

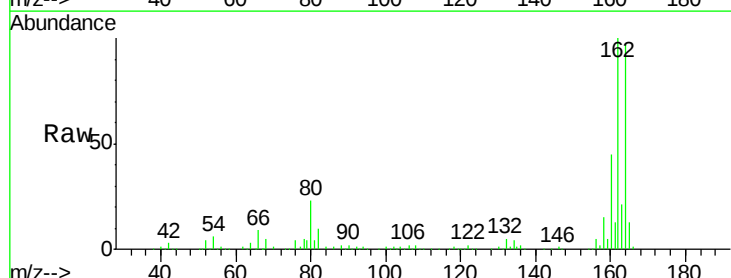
Tgt Ion:165 Resp: 35233

Ion Ratio Lower Upper

165 100

63 1.5 28.1 42.1#

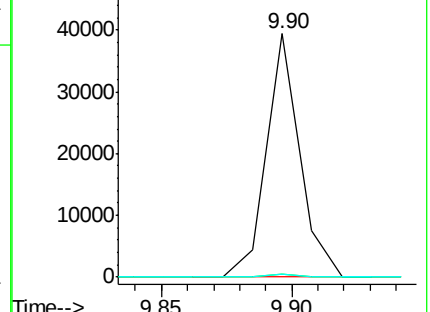
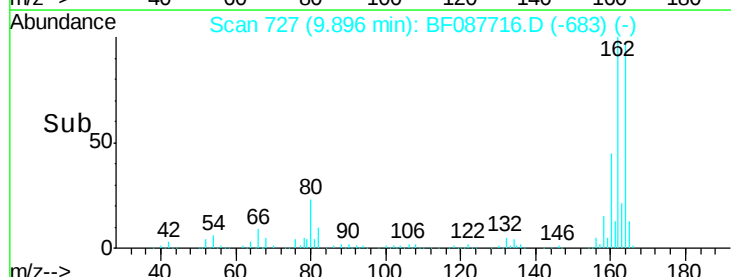
89 1.4 32.2 48.2#

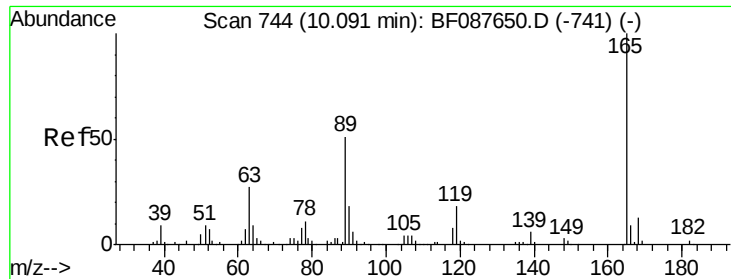


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

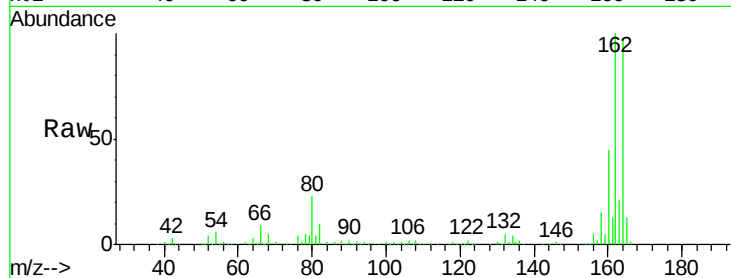




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087716.D
 Acq: 5 Jun 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961-9008

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

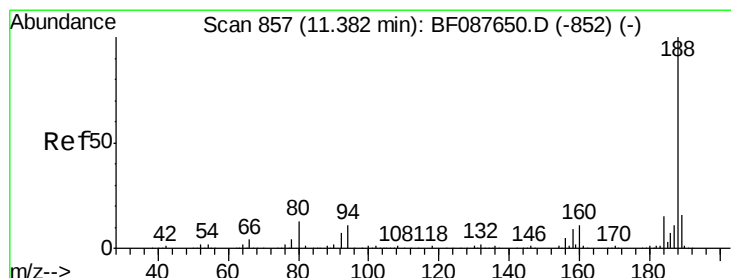
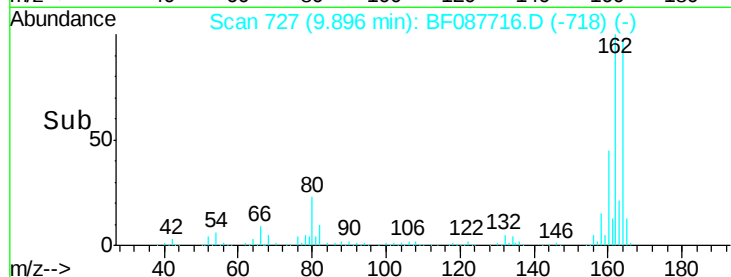
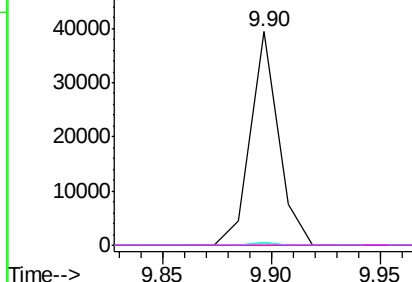


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

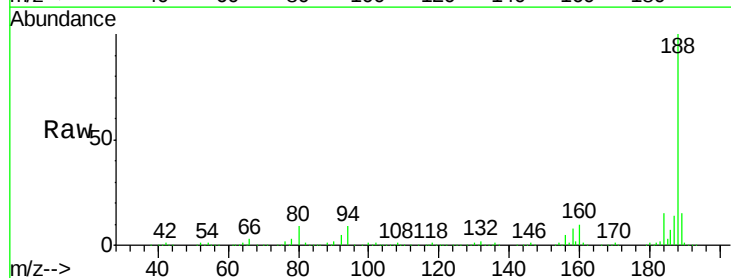
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087716.D
 Acq: 5 Jun 2016 19:21

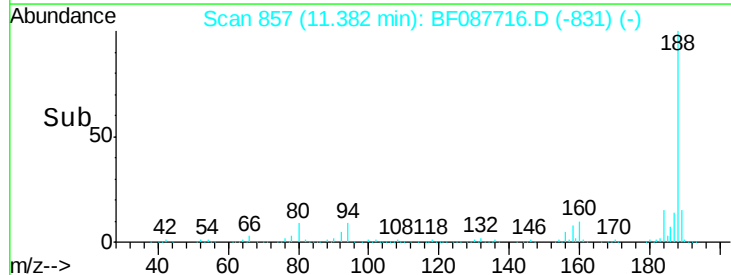
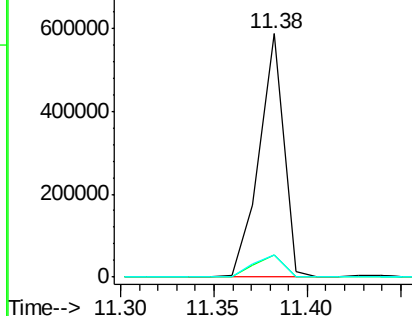
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.6#
80	9.1	10.0	15.0#

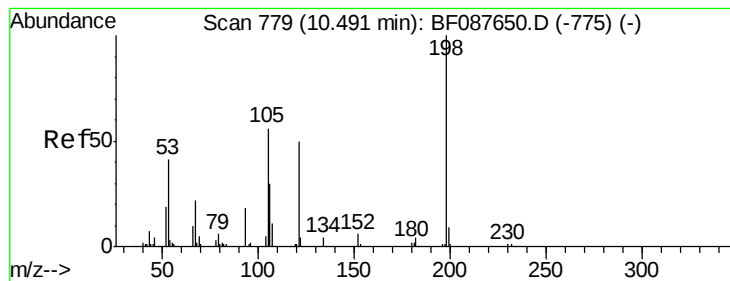


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.16 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

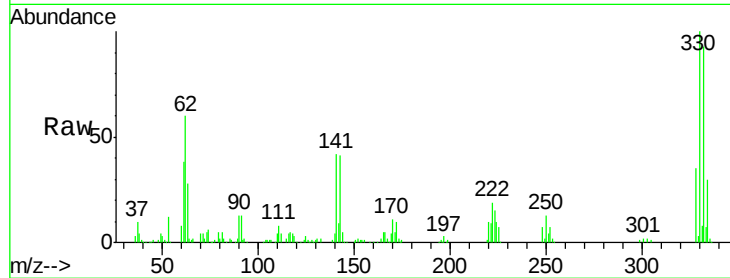
Tgt Ion:198 Resp: 440

Ion Ratio Lower Upper

198 100

51 201.7 39.6 79.6#

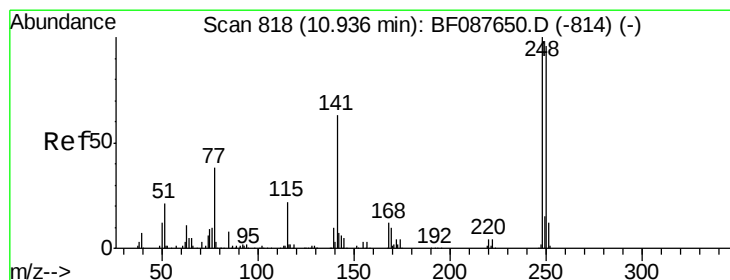
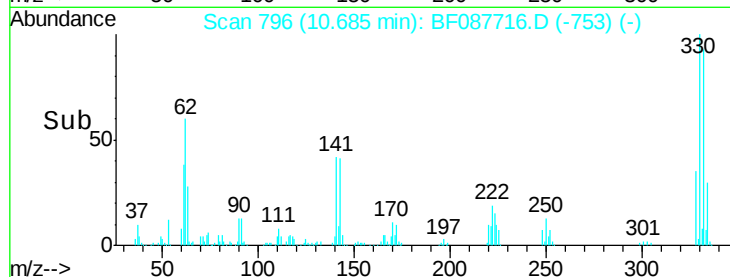
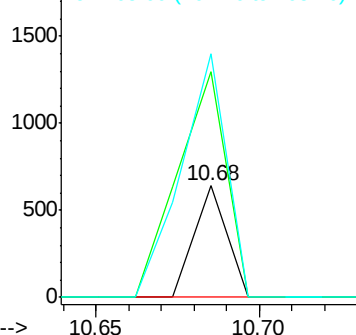
105 217.9 36.6 76.6#



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: 2.91 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

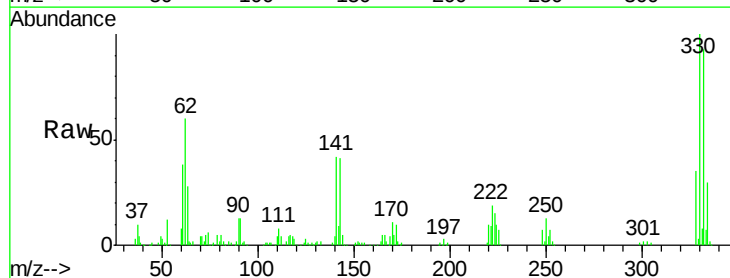
Tgt Ion:248 Resp: 15509

Ion Ratio Lower Upper

248 100

250 195.7 77.1 115.7#

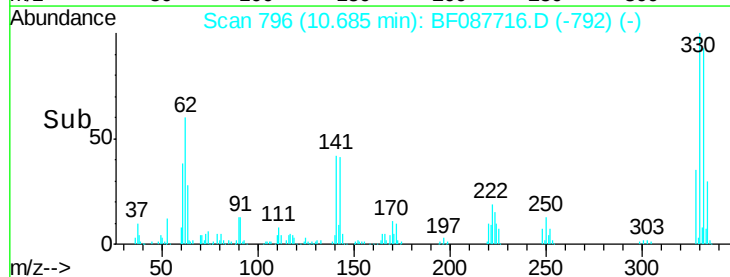
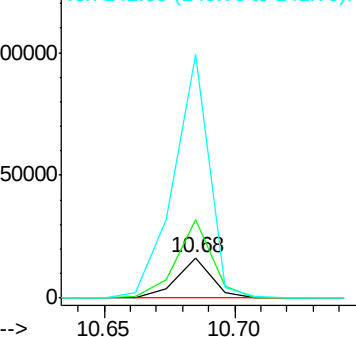
141 606.0 50.6 76.0#

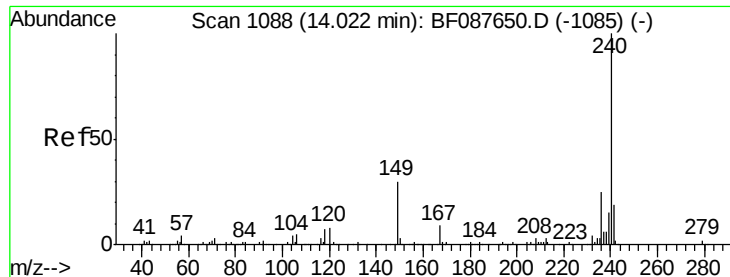


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

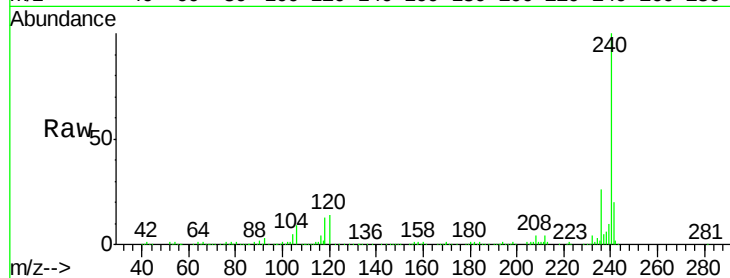
Tgt Ion:240 Resp: 402698

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

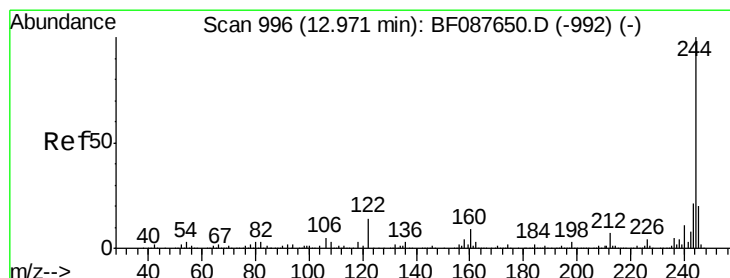
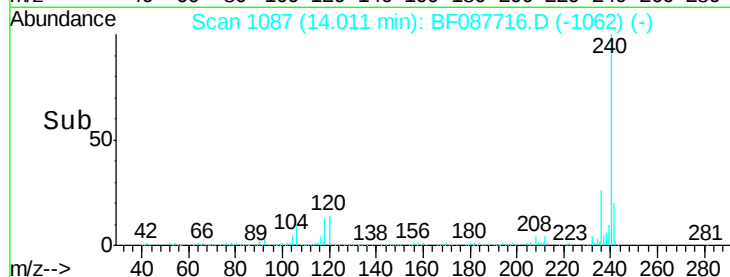
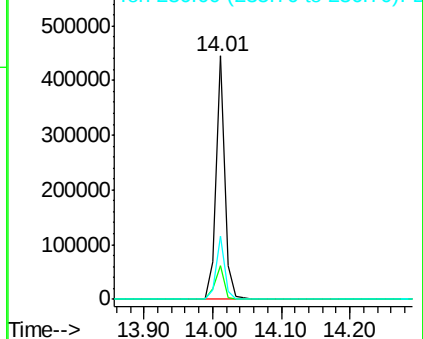
236 25.8 20.2 30.2



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: 64.04 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087716.D

Acq: 5 Jun 2016 19:21

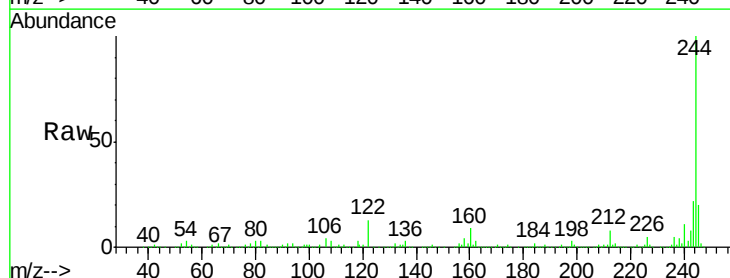
Tgt Ion:244 Resp: 1056929

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

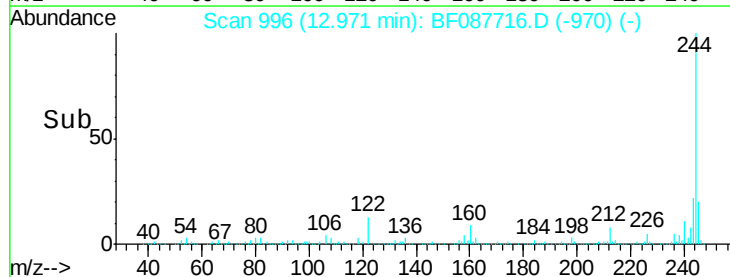
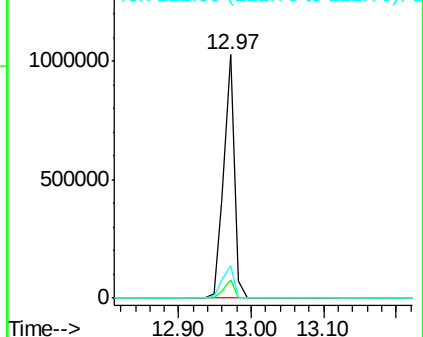
122 13.3 11.2 16.8

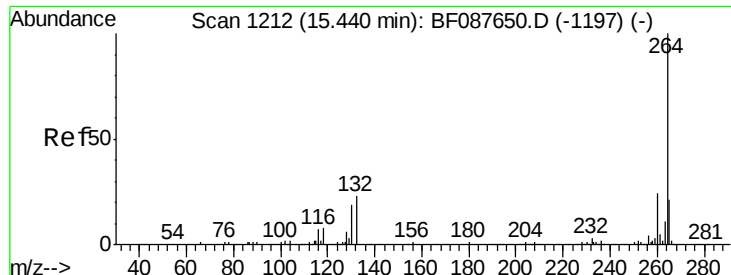


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



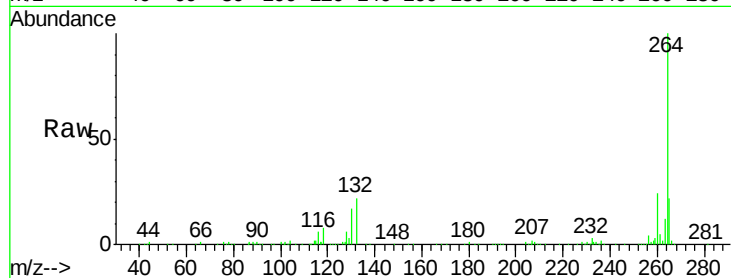


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF087716.D
Acq: 5 Jun 2016 19:21

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 264 Resp: 321497

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	16.9	25.3



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

