

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087694.D
 Acq On : 5 Jun 2016 7:41
 Operator : UM/SJ
 Sample : H3344-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Jun 06 01:14:58 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	123808	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	512355	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238264	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	459349	20.00	ng	0.00
75) Chrysene-d12	14.01	240	360858	20.00	ng	-0.01
86) Perylene-d12	15.44	264	268860	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	515587	67.31	ng	0.00
7) Phenol-d6	6.48	99	453885	47.25	ng	-0.01
23) Nitrobenzene-d5	7.43	82	892174	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	331348	138.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1446678	98.13	ng	-0.01
78) Terphenyl-d14	12.97	244	1127484	76.24	ng	0.00

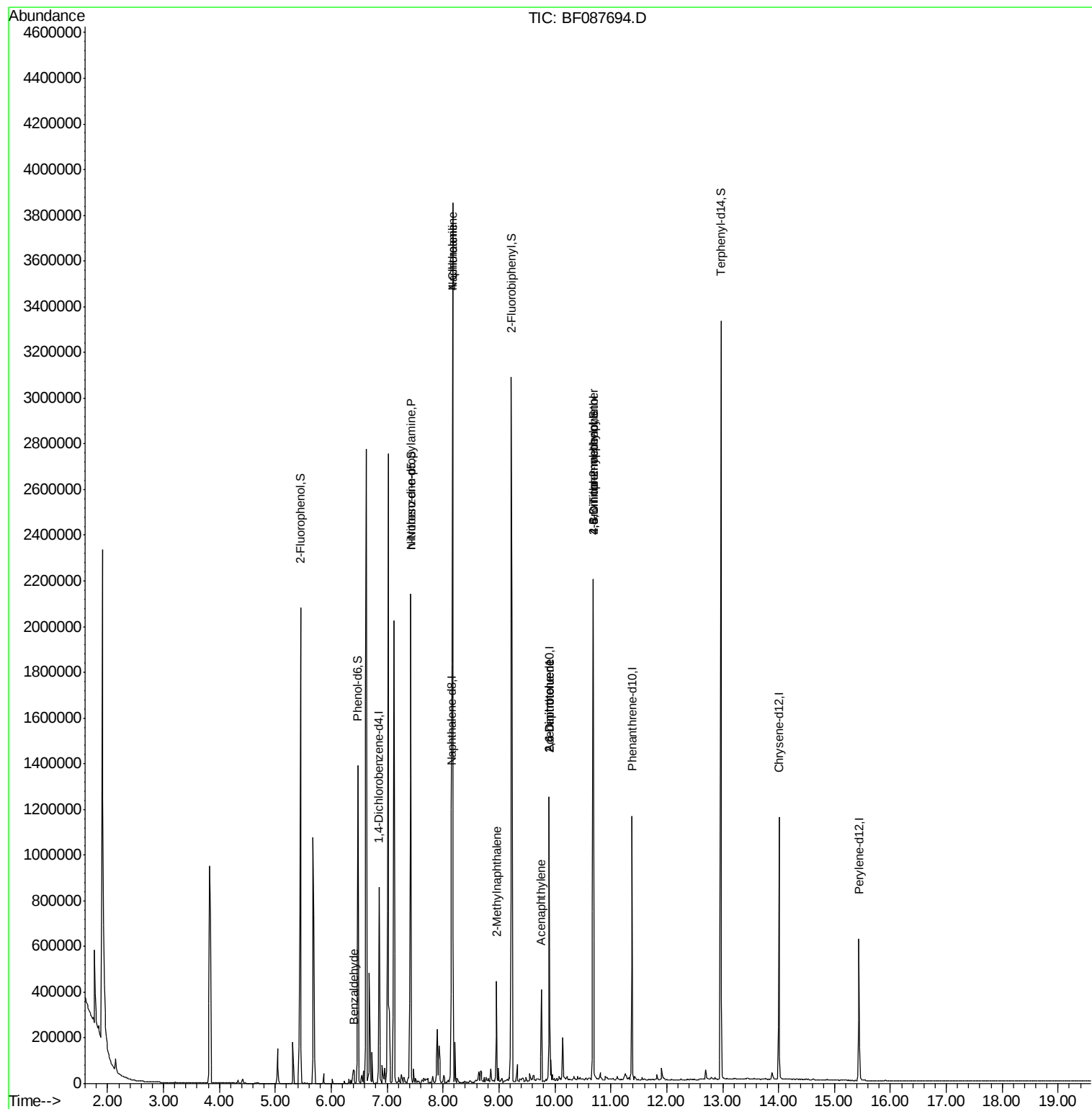
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	14865	2.29	ng	93
19) n-Nitroso-di-n-propylamine	7.43	70	120990	20.17	ng	# 74
31) Naphthalene	8.17	128	2146118	86.15	ng	98
33) 4-Chloroaniline	8.17	127	296041	27.36	ng	# 32
37) 2-Methylnaphthalene	8.96	142	133964	8.14	ng	96
48) Acenaphthylene	9.76	152	169247	7.05	ng	98
50) 2,6-Dinitrotoluene	9.90	165	31345	7.95	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	31346	6.25	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	449	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	18391	4.04	ng	# 1

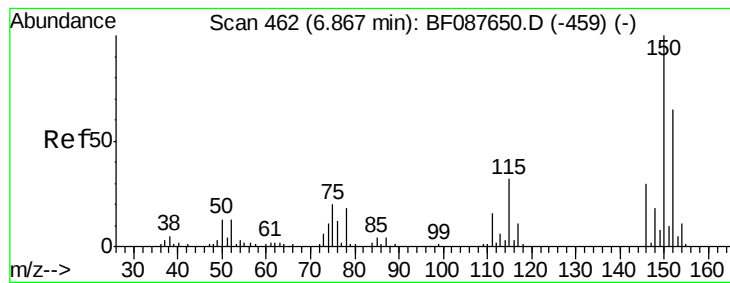
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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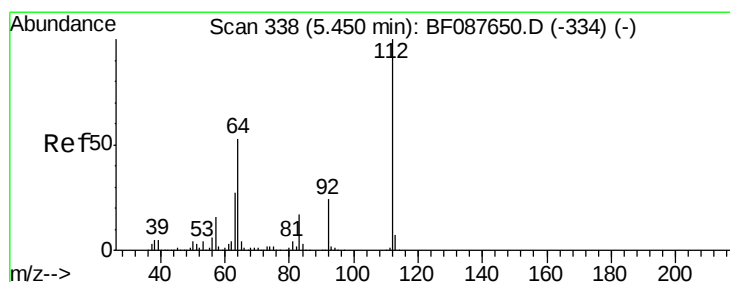
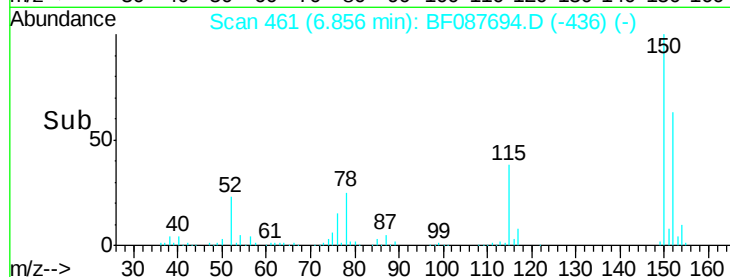
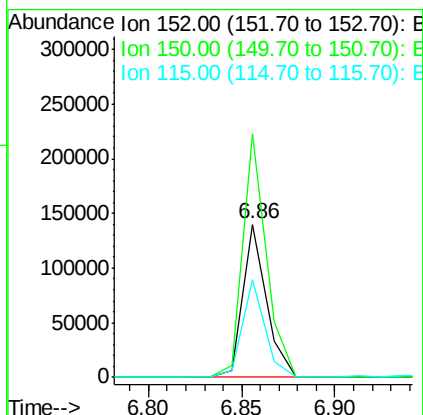
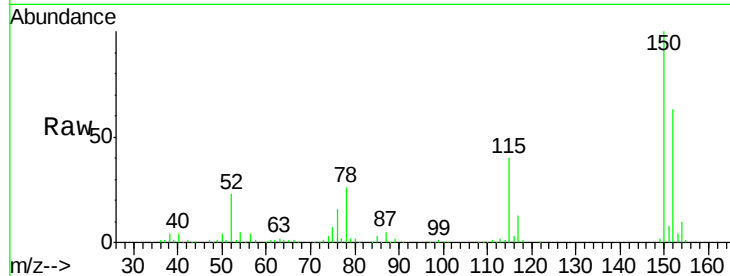




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

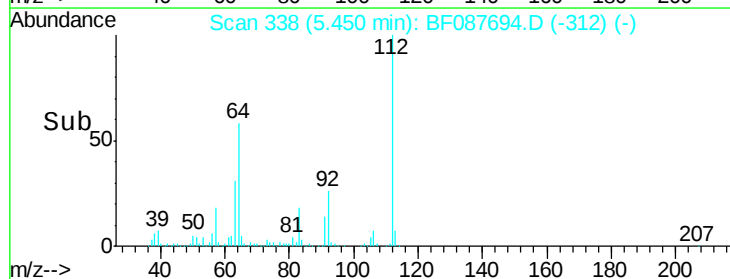
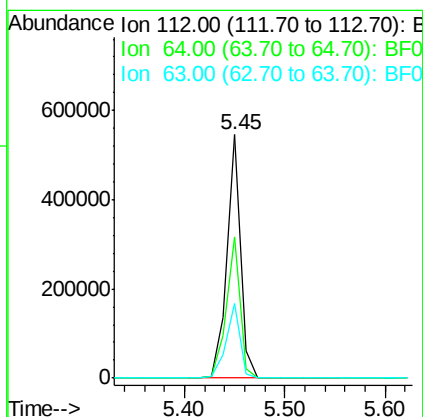
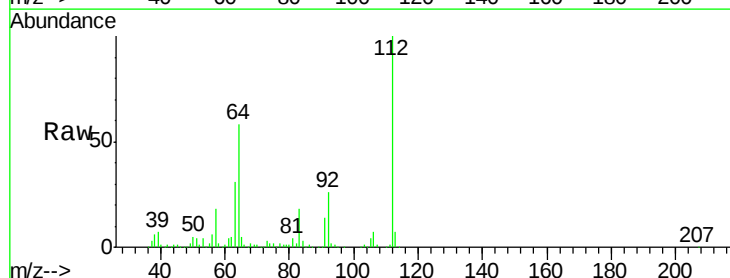
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

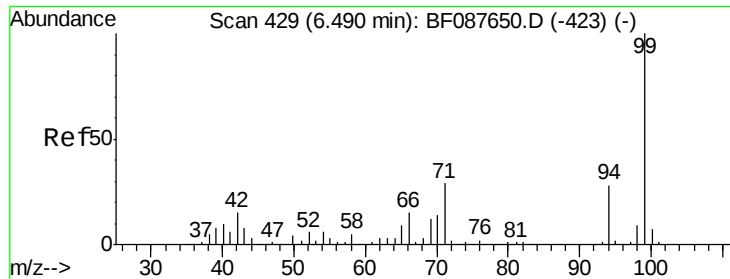
Tgt Ion:152 Resp: 123808
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.8 185.6
 115 63.7 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 67.31 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:112 Resp: 515587
 Ion Ratio Lower Upper
 112 100
 64 58.2 42.2 63.2
 63 30.7 21.8 32.8





#7

Phenol-d6

Concen: 47.25 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampleId :

MW-15

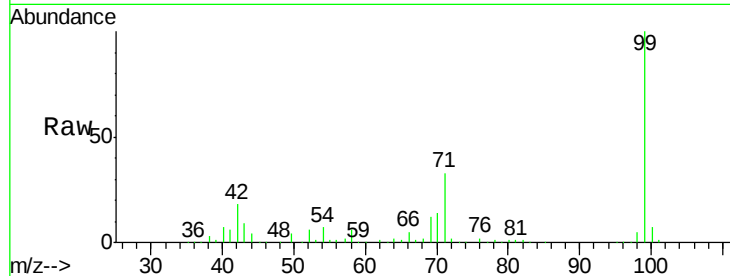
Tgt Ion: 99 Resp: 453885

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

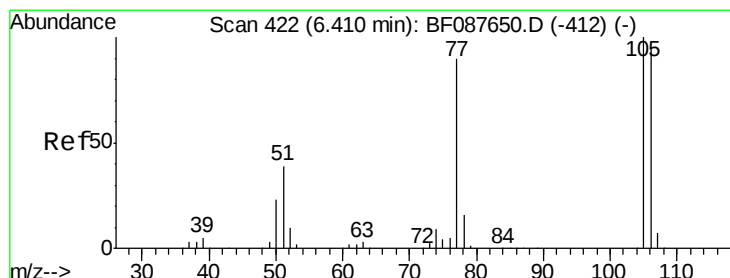
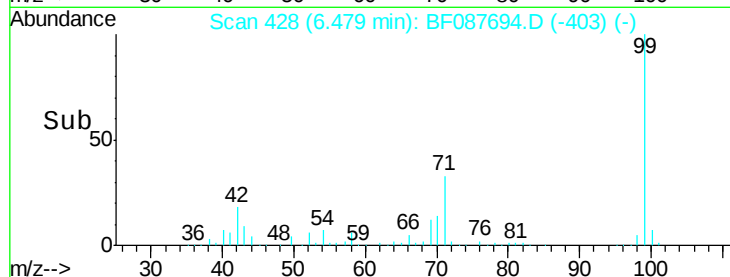
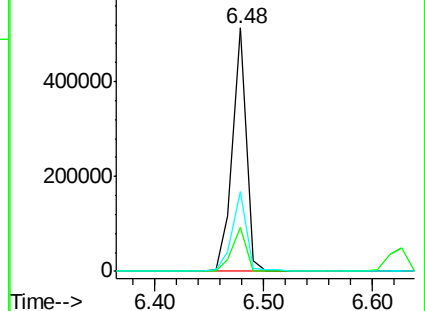
71 32.6 23.4 35.0



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: 2.29 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

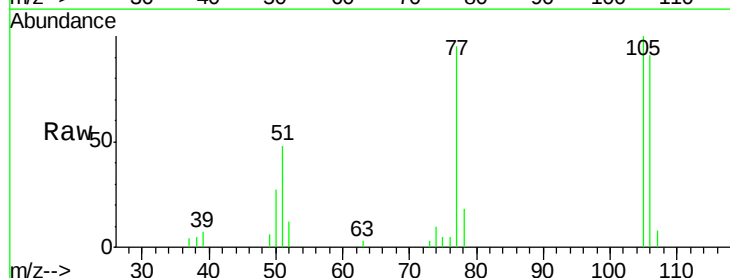
Tgt Ion: 77 Resp: 14865

Ion Ratio Lower Upper

77 100

105 105.4 90.6 130.6

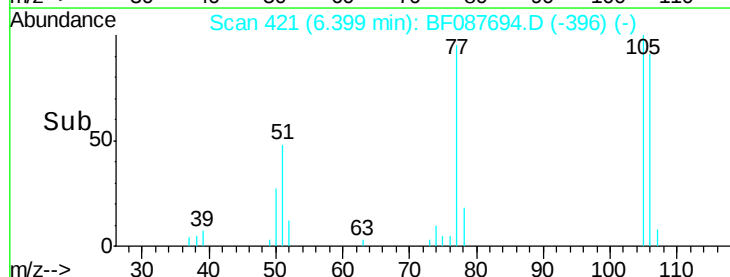
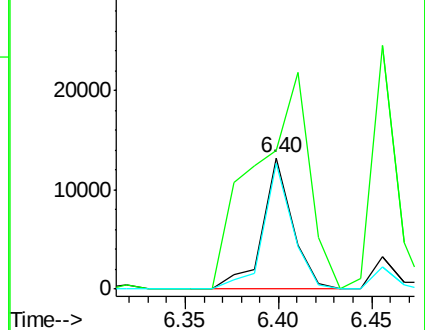
106 95.9 85.3 125.3

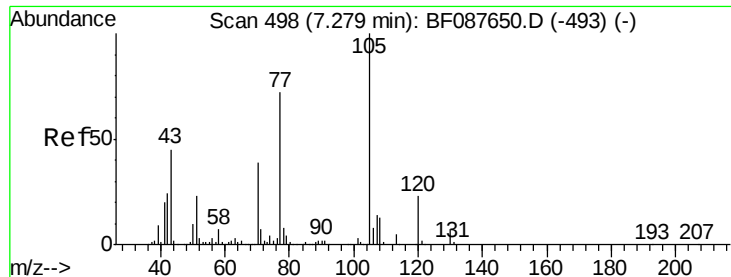


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

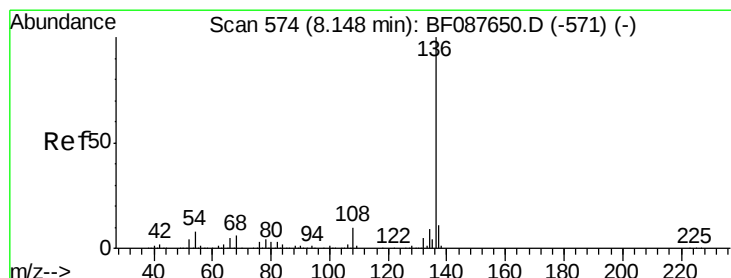
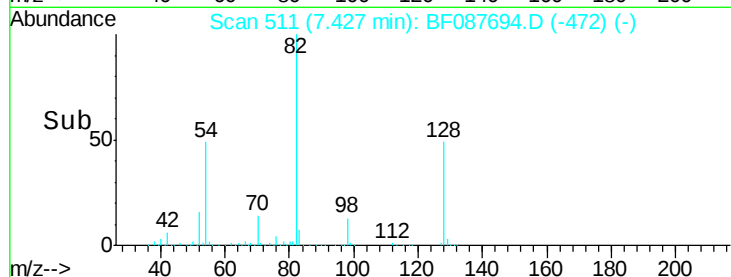
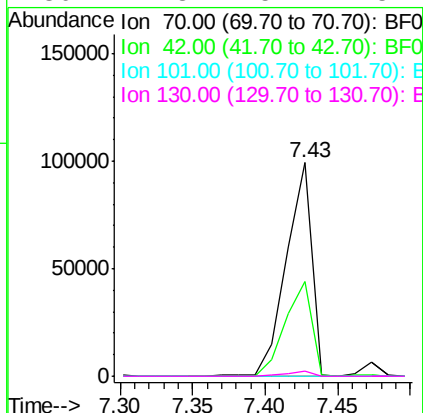
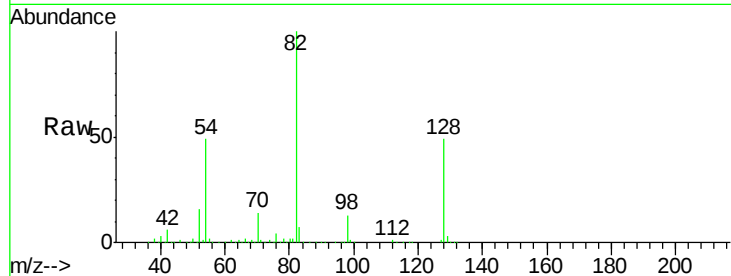




#19
n-Nitroso-di-n-propylamine
Concen: 20.17 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

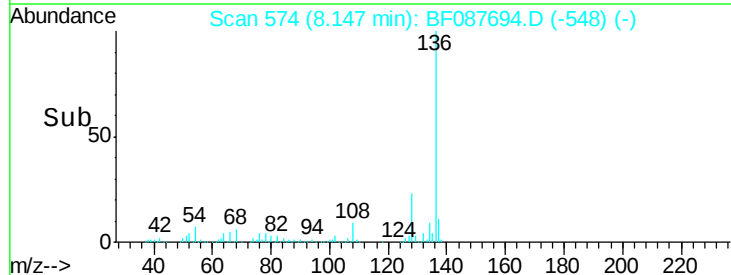
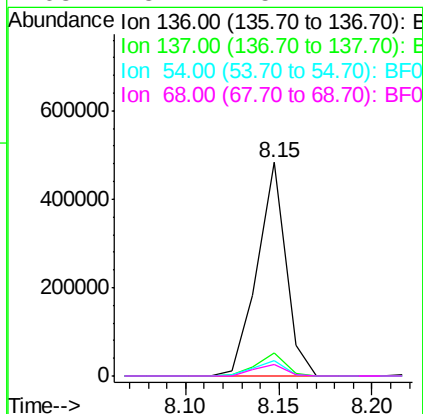
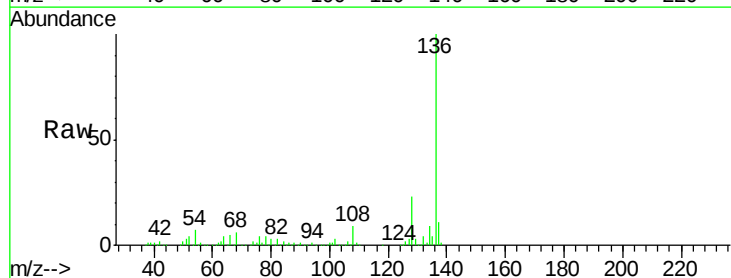
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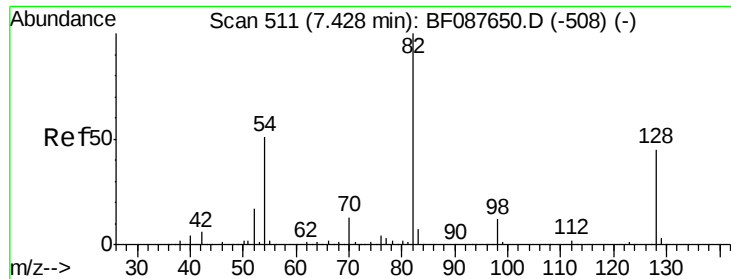
Tgt Ion: 70 Resp: 120990
Ion Ratio Lower Upper
70 100
42 44.2 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

Tgt Ion: 136 Resp: 512355
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.0 6.6 10.0
68 5.7 5.1 7.7

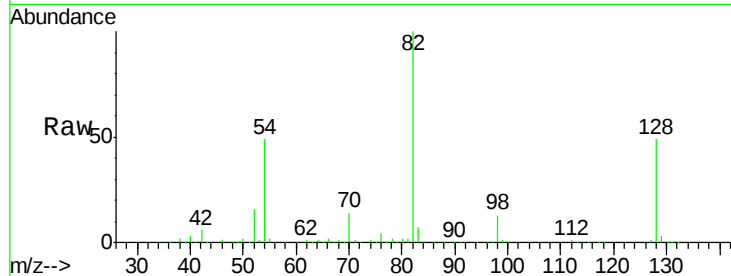




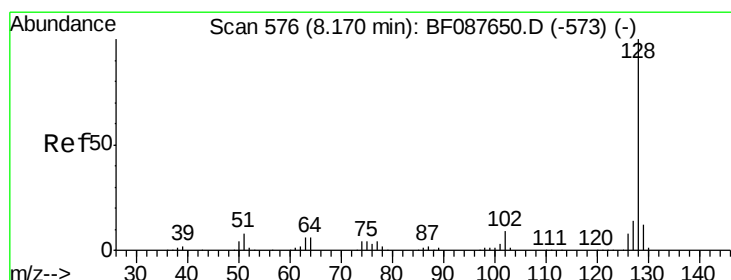
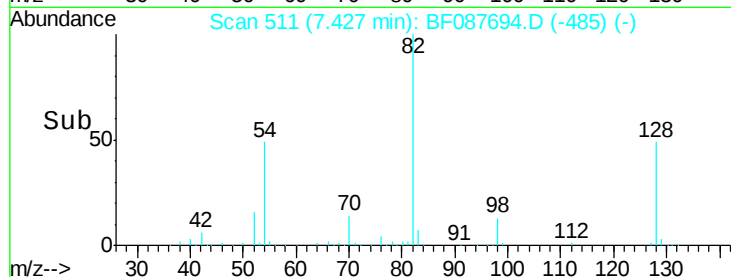
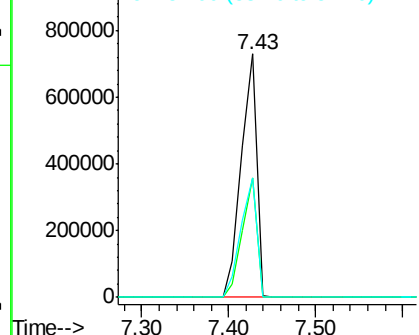
#23
 Nitrobenzene-d5
 Concen: 100.75 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleID :
 MW-15

Tgt Ion: 82 Resp: 892174
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 49.2 40.9 61.3

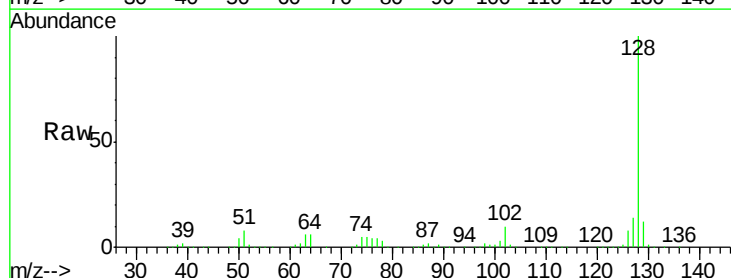


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

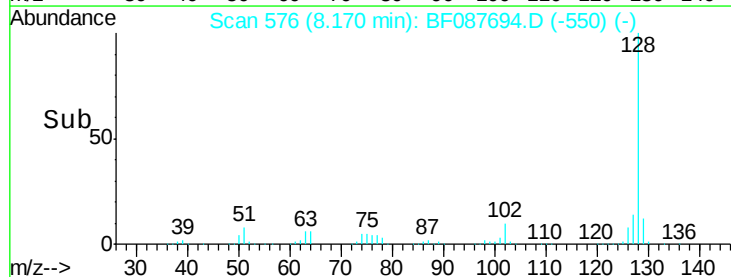
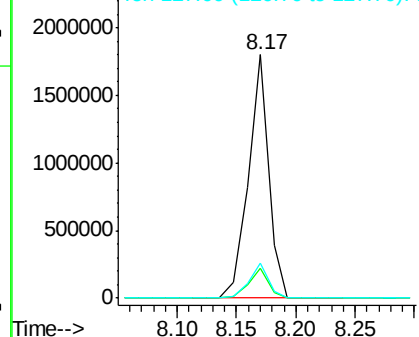


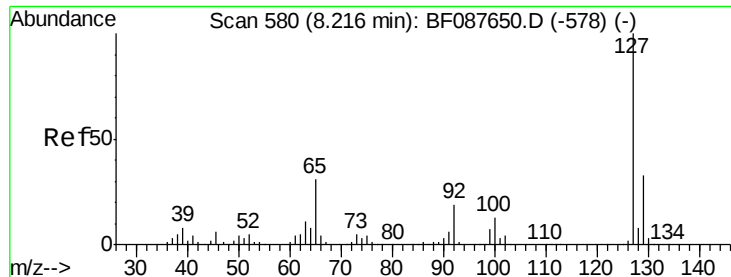
#31
 Naphthalene
 Concen: 86.15 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion: 128 Resp: 2146118
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.4 14.2
 127 14.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

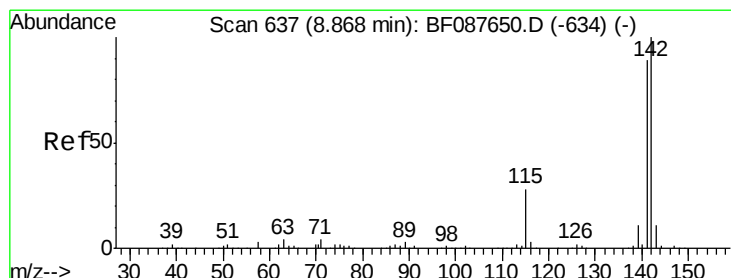
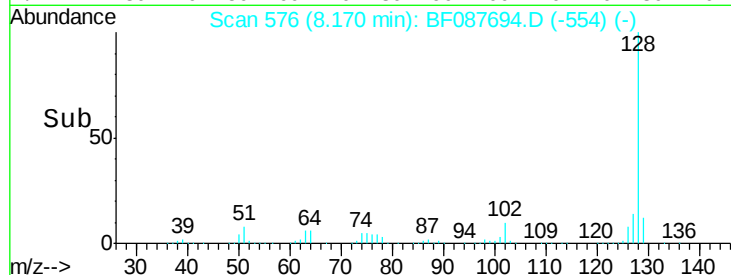
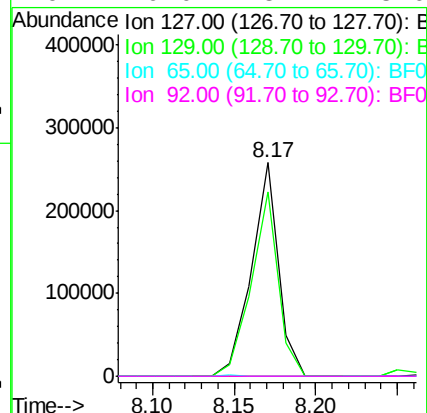
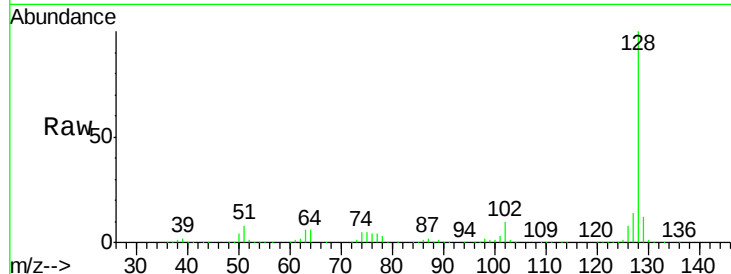




#33
4-Chloroaniline
Concen: 27.36 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.05 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

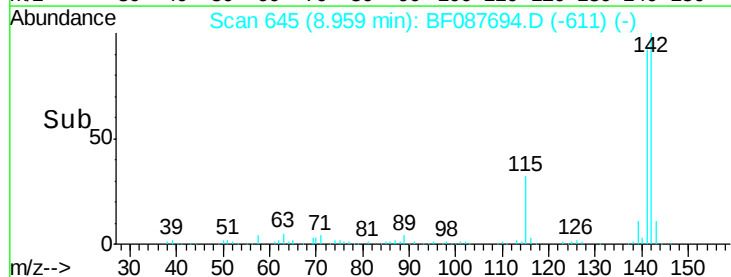
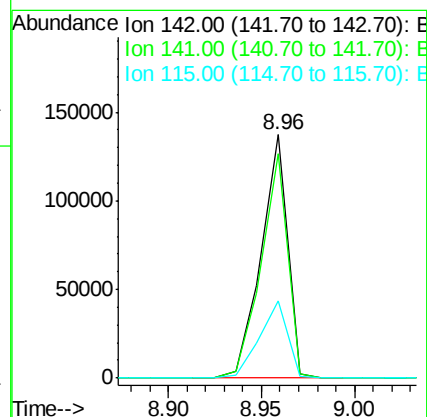
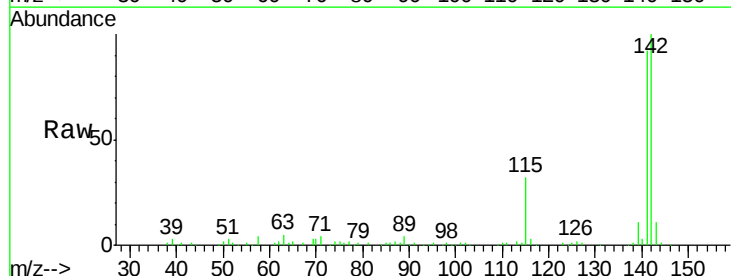
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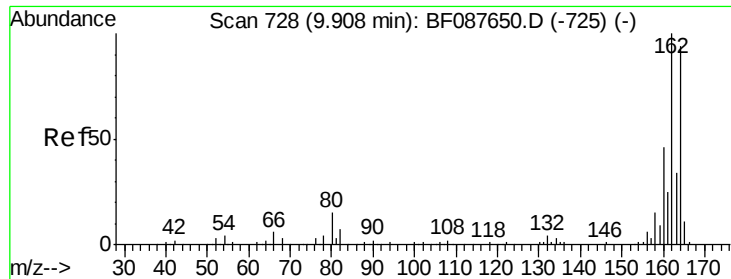
Tgt Ion:	127	Resp:	296041
Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#37
2-Methylnaphthalene
Concen: 8.14 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.09 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

Tgt Ion:	142	Resp:	133964
Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.0	106.6
115	31.5	22.6	33.8

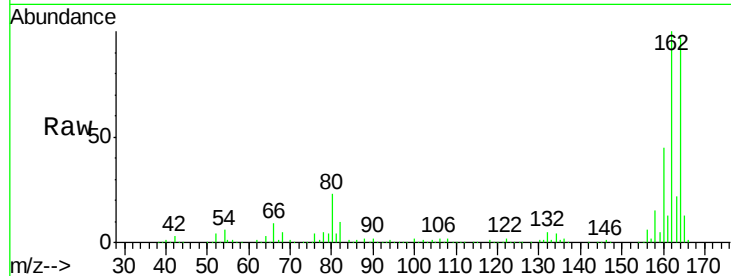




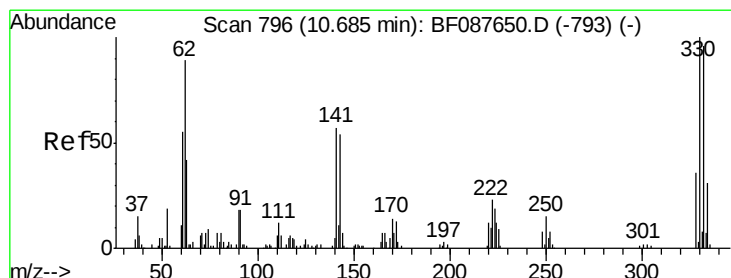
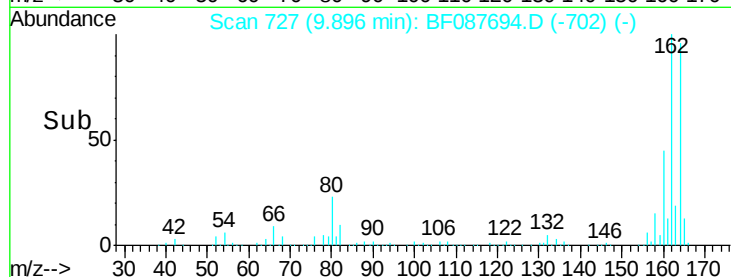
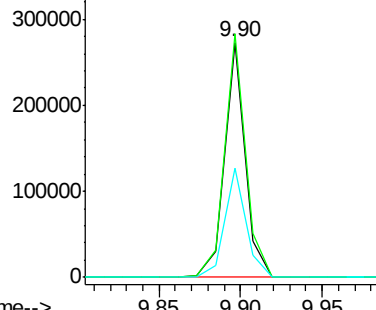
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:164 Resp: 238264
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.6 39.5 59.3

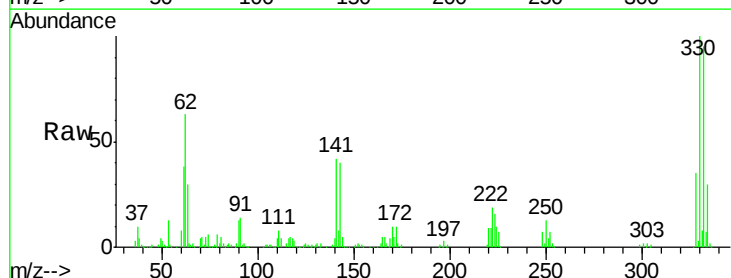


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

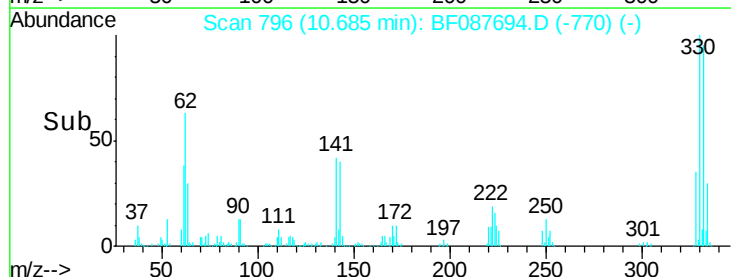
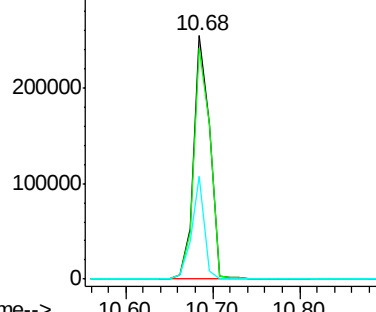


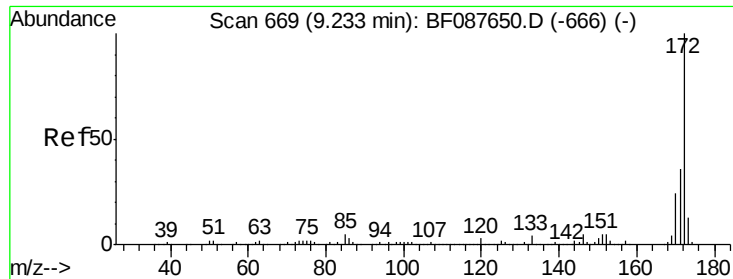
#41
 2,4,6-Tribromophenol
 Concen: 138.54 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:330 Resp: 331348
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 33.7 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

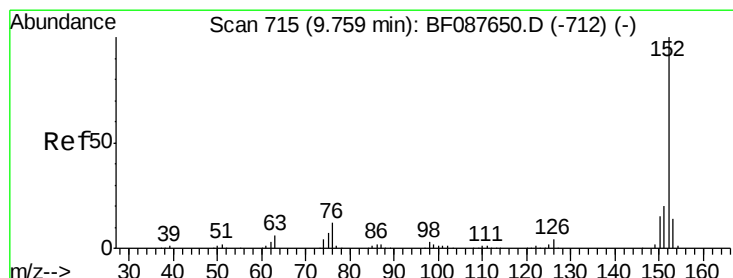
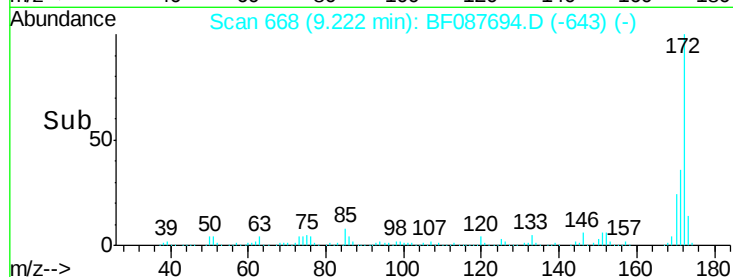
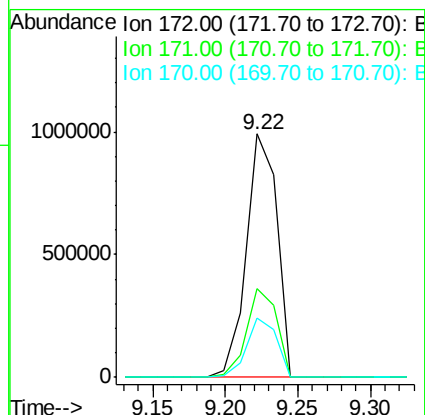
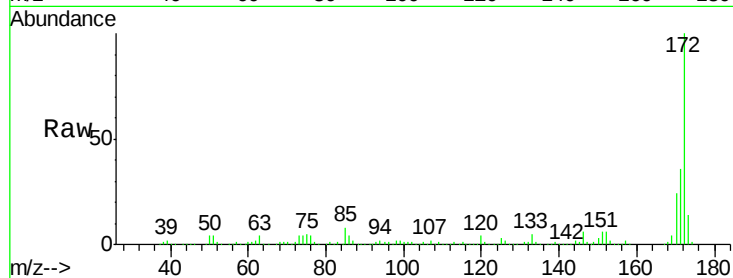




#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

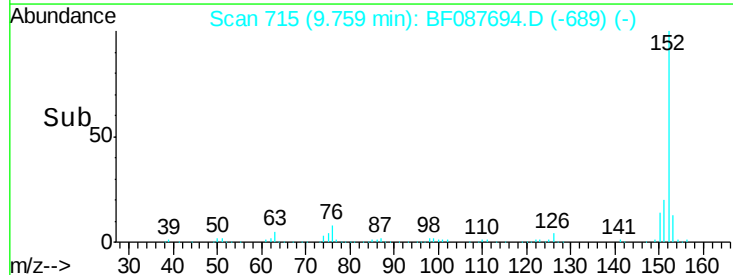
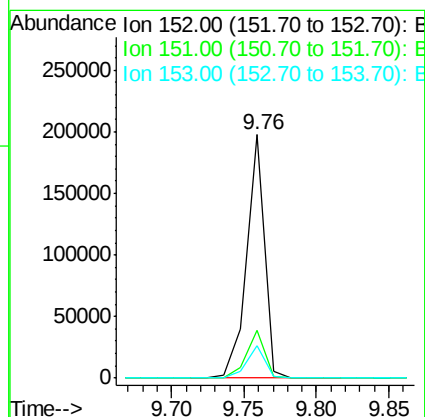
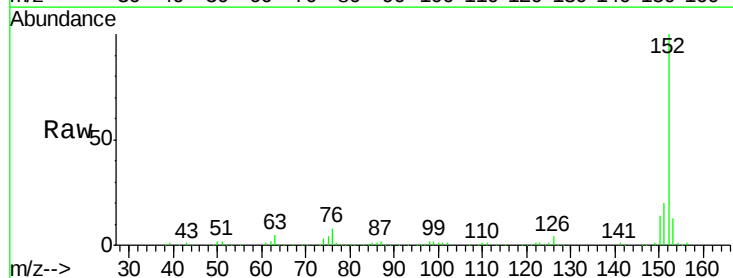
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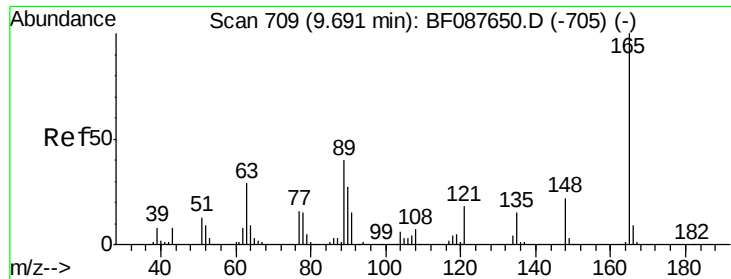
Tgt Ion:172 Resp: 1446678
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.5 19.2 28.8



#48
 Acenaphthylene
 Concen: 7.05 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:152 Resp: 169247
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.2 24.4
 153 13.1 11.0 16.6

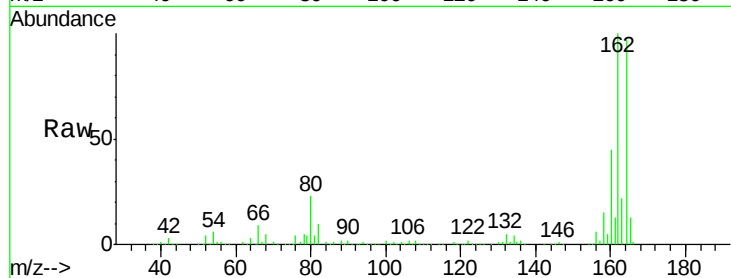




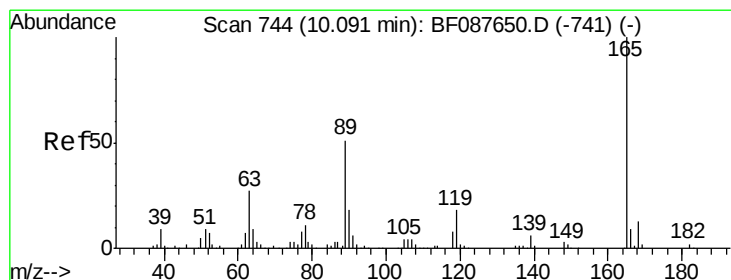
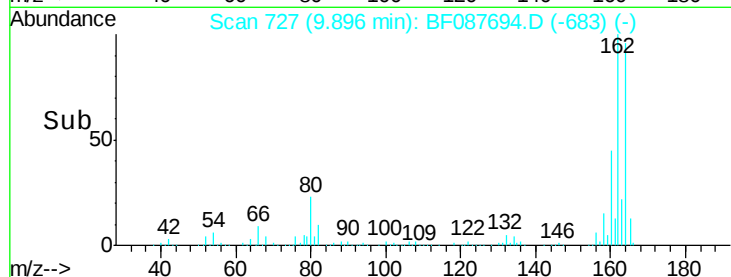
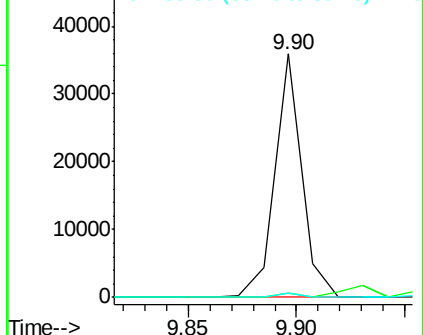
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	1.6	32.2	48.2#



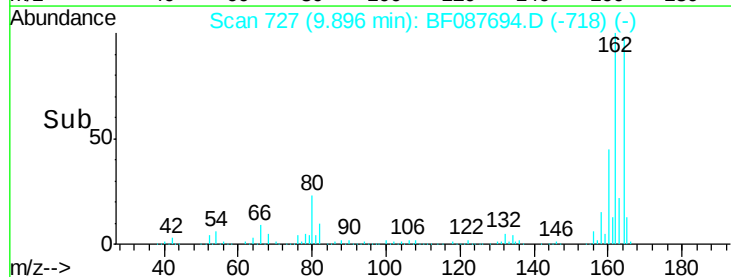
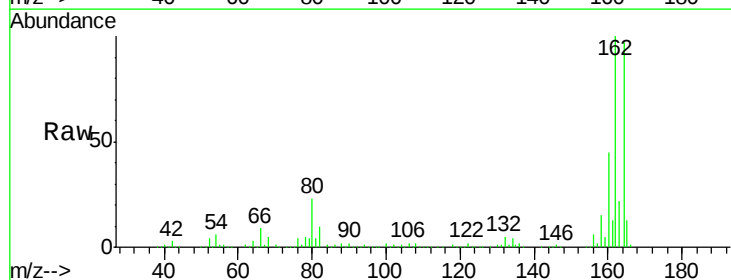
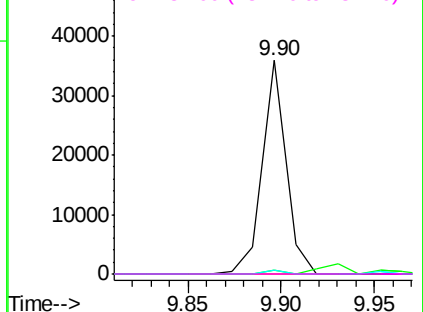
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

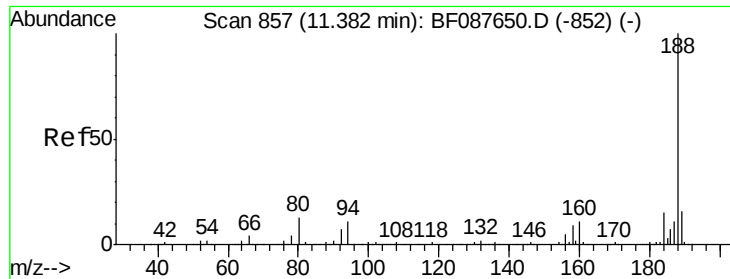


#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.6	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

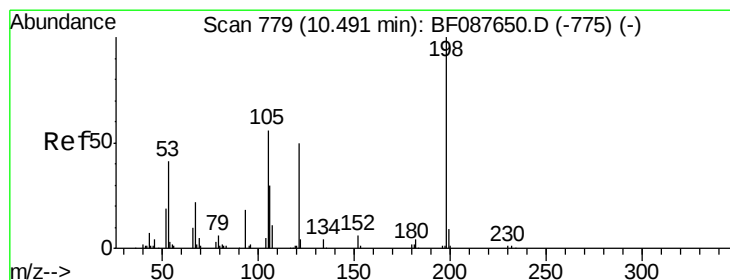
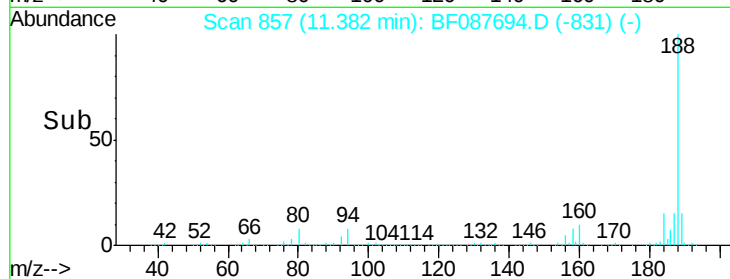
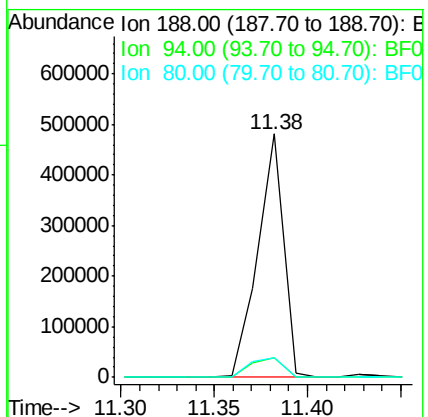
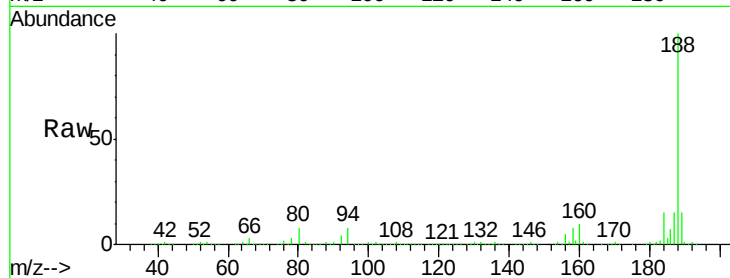




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

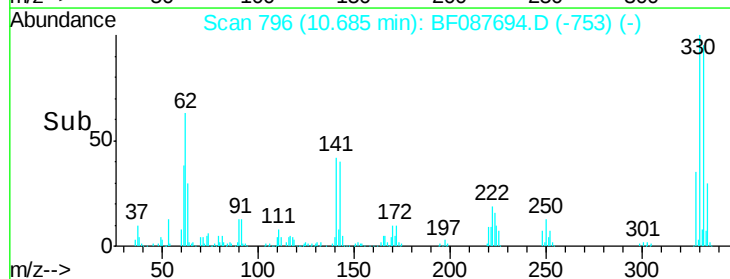
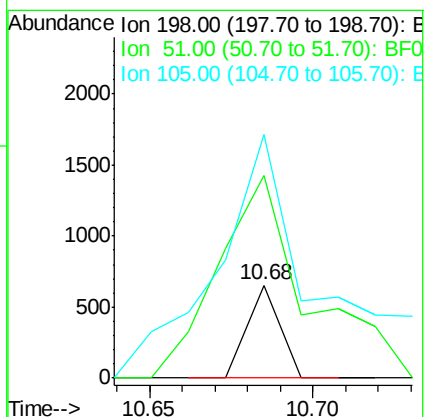
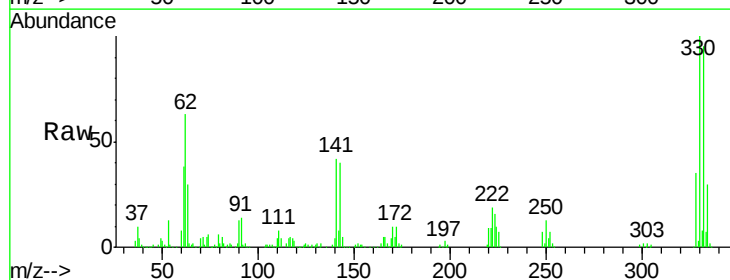
Instrument :
BNA_F
ClientSampleId :
MW-15

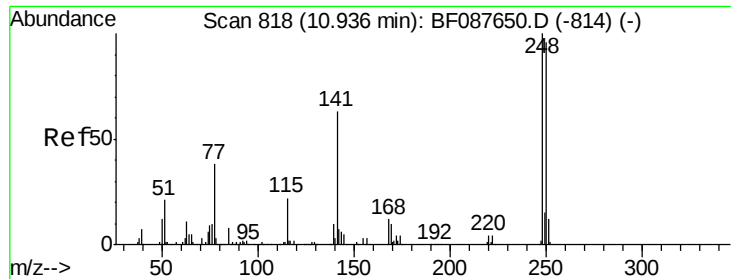
Tgt Ion:188 Resp: 459349
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 8.1 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.18 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087694.D
Acq: 5 Jun 2016 7:41

Tgt Ion:198 Resp: 449
Ion Ratio Lower Upper
198 100
51 218.2 39.6 79.6#
105 261.7 36.6 76.6#

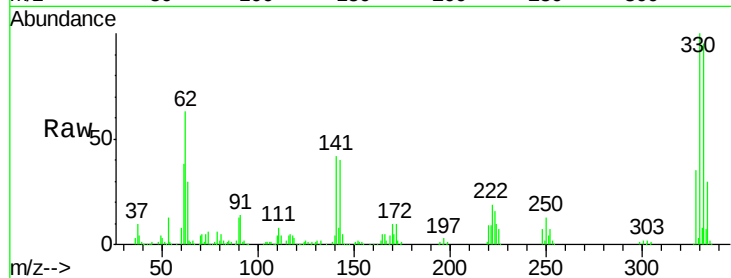




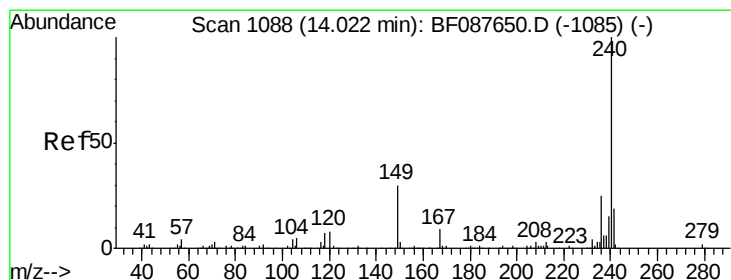
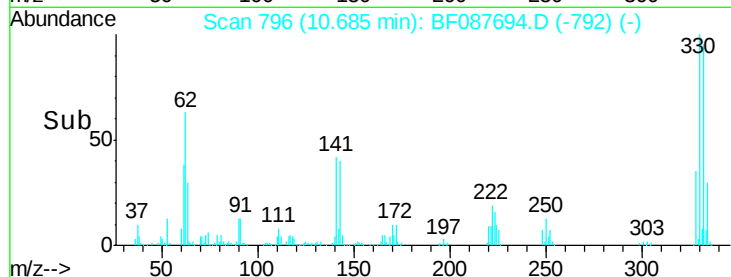
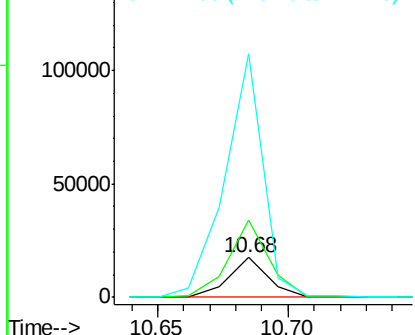
#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampled :
 MW-15

Tgt Ion:248 Resp: 18391
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.1 115.7#
 141 615.6 50.6 76.0#

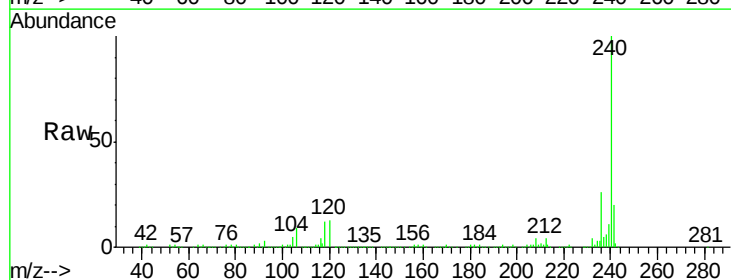


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

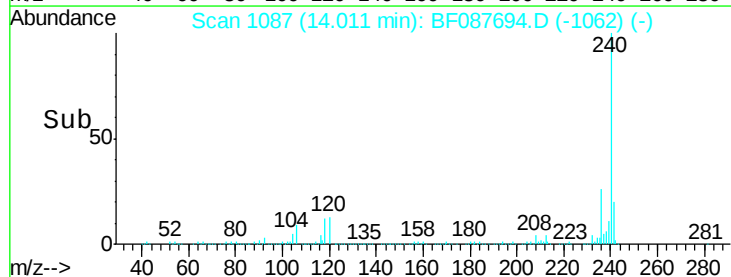
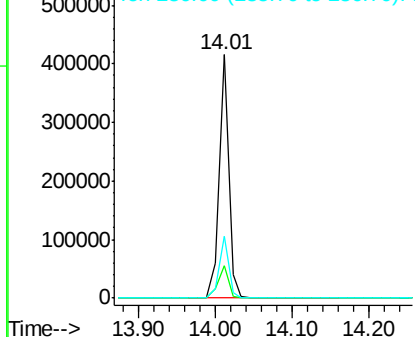


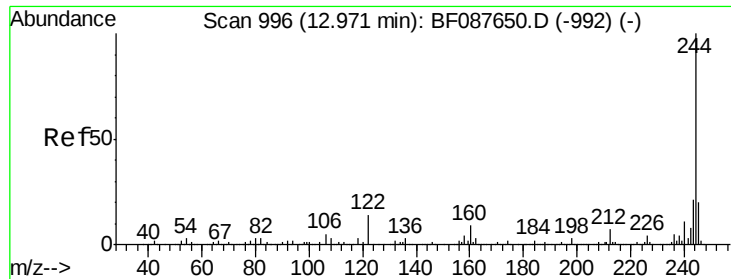
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:240 Resp: 360858
 Ion Ratio Lower Upper
 240 100
 120 13.2 6.8 10.2#
 236 25.5 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

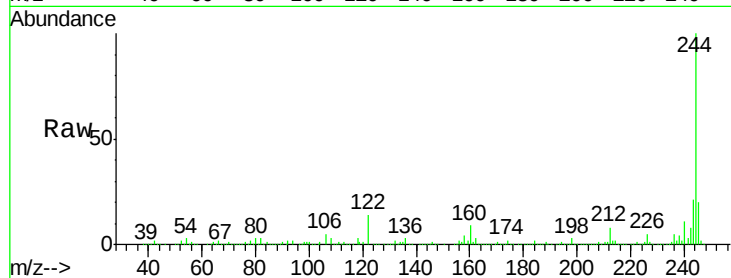




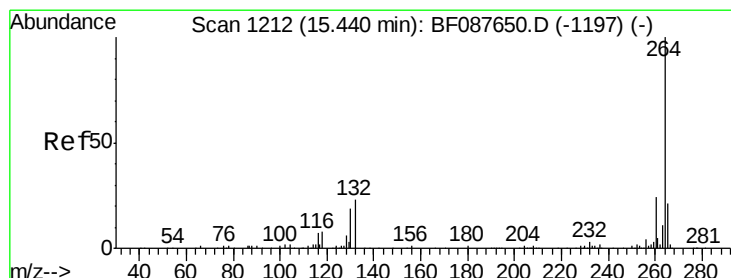
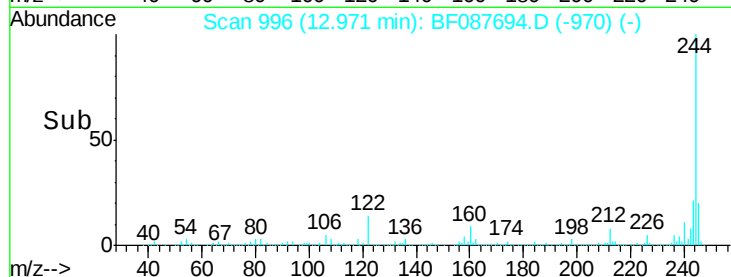
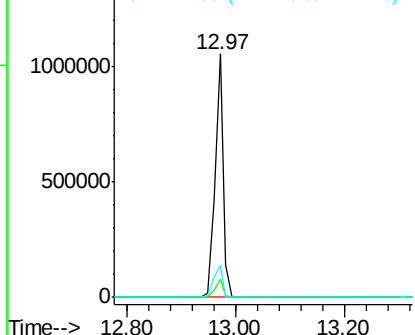
#78
 Terphenyl-d14
 Concen: 76.24 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampled :
 MW-15

Tgt Ion:244 Resp: 1127484
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.6 11.2 16.8

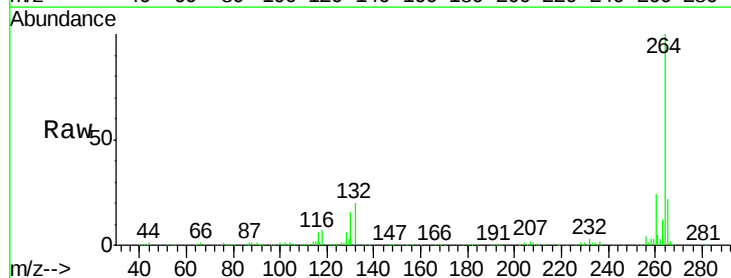


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:264 Resp: 268860
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 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

