

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087946.D
 Acq On : 12 Jun 2016 13:40
 Operator : UM/SJ
 Sample : H3362-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961-9008

Quant Time: Jun 13 01:17:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148290	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	631129	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	293564	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	591775	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	434744	20.00	ng	-0.03
86) Perylene-d12	15.37	264	354122	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	443559	51.14	ng	-0.03
7) Phenol-d6	6.43	99	360056	34.25	ng	-0.05
23) Nitrobenzene-d5	7.37	82	747558	69.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	264100	85.20	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1338533	70.70	ng	-0.05
78) Terphenyl-d14	12.91	244	1052187	55.07	ng	-0.03

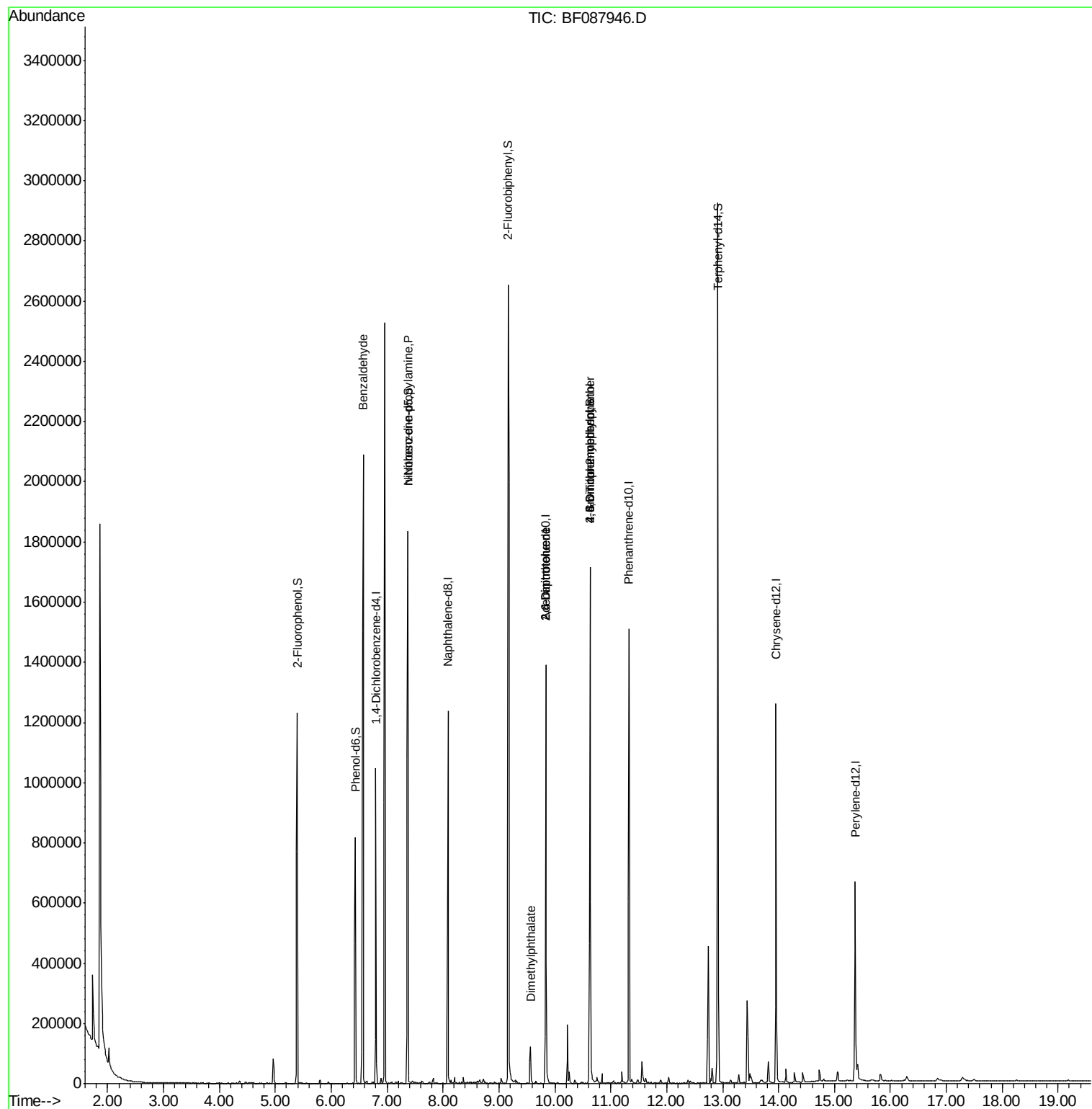
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	16740	2.38	ng	# 76
10) Phenol	6.44	94	370	Below Cal		# 54
19) n-Nitroso-di-n-propylamine	7.37	70	99223	14.75	ng	# 71
45) 1,1'-Biphenyl	9.16	154	2387	Below Cal		# 1
49) Dimethylphthalate	9.56	163	69615	3.27	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	37258	7.65	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	37491	5.99	ng	# 37
57) Fluorene	10.39	166	372	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.63	198	322	2.25	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15704	2.47	ng	# 1

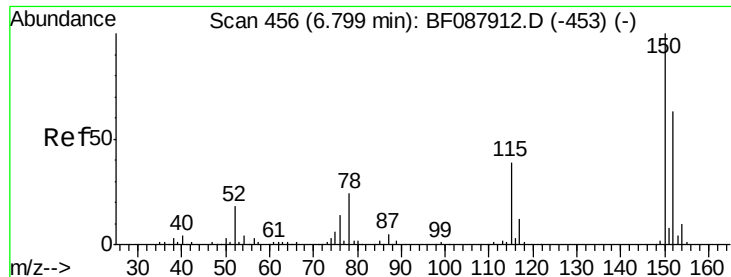
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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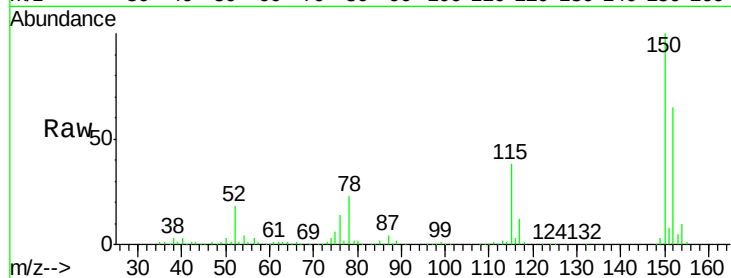


#1

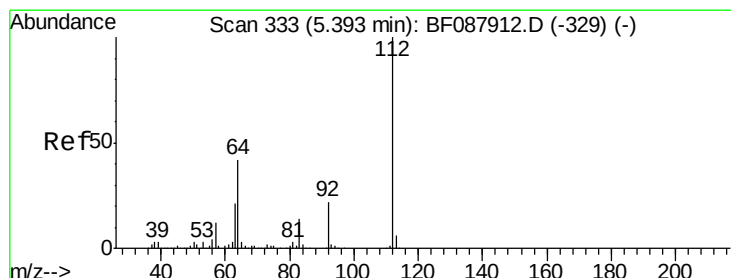
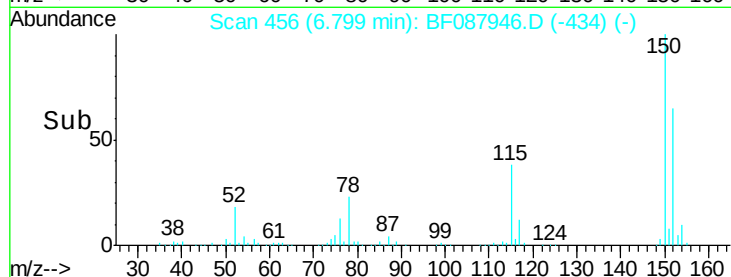
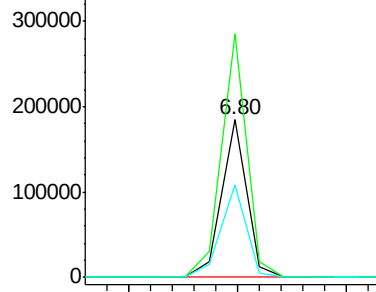
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:152 Resp: 148290
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 59.1 39.6 59.4



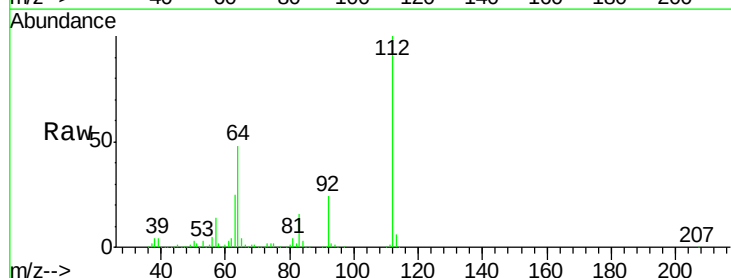
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



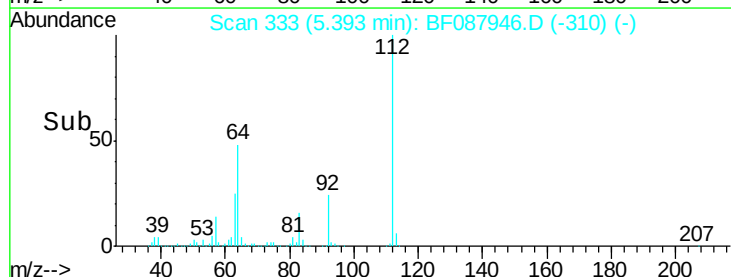
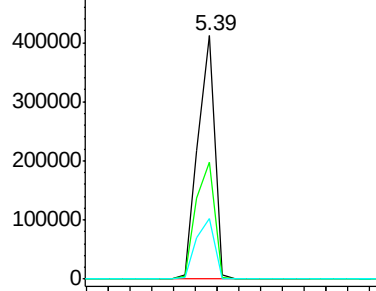
#5

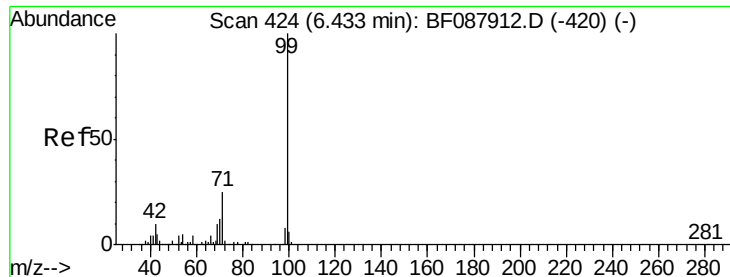
2-Fluorophenol
Concen: 51.14 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:112 Resp: 443559
Ion Ratio Lower Upper
112 100
64 47.8 42.2 63.2
63 24.7 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: 34.25 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

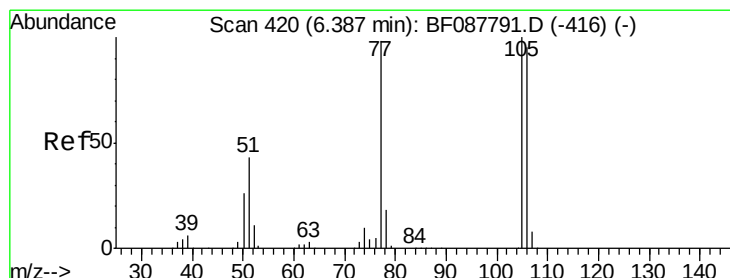
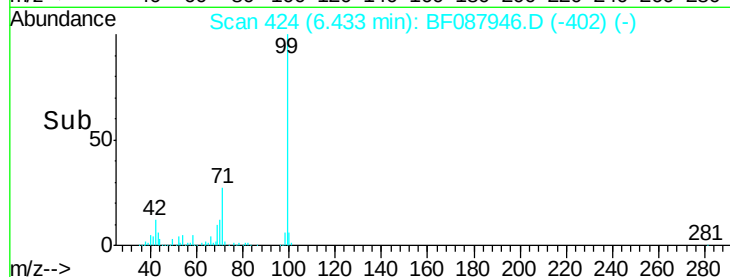
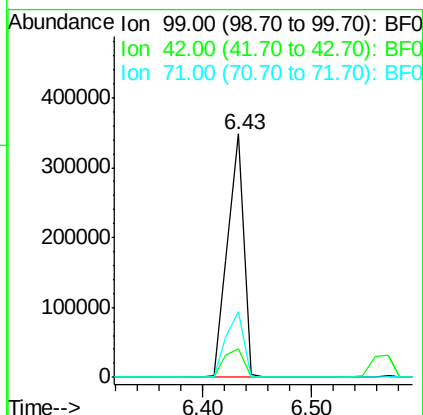
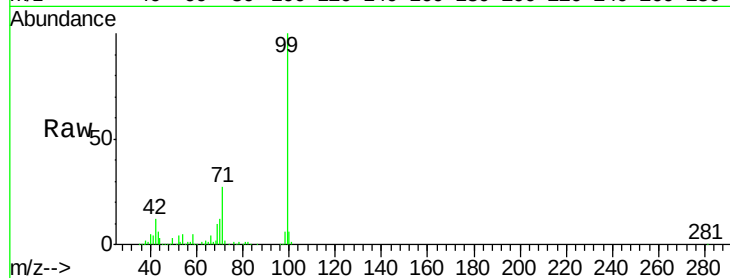
Tgt Ion: 99 Resp: 360056

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

71 27.1 23.4 35.0



#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.18 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

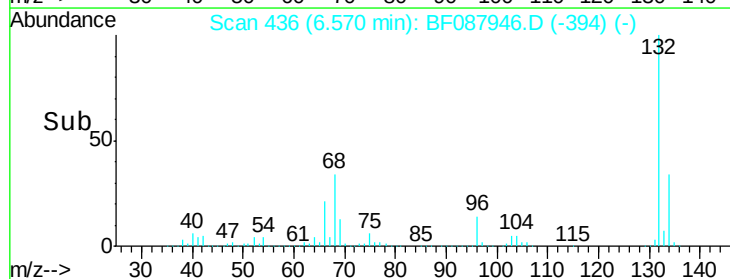
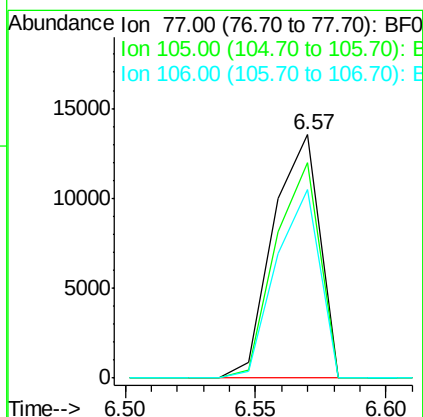
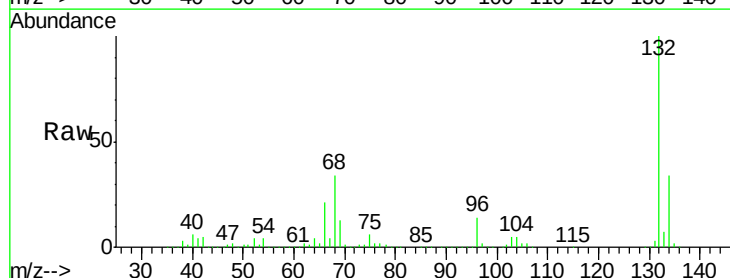
Tgt Ion: 77 Resp: 16740

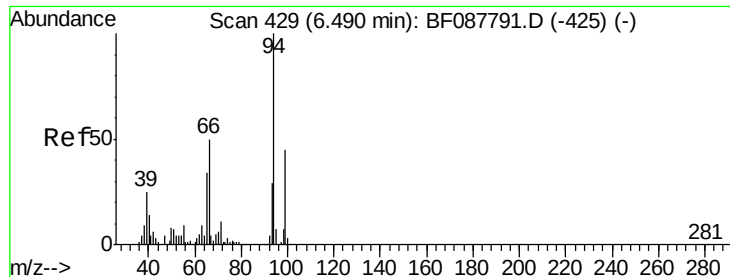
Ion Ratio Lower Upper

77 100

105 88.7 90.6 130.6#

106 77.4 85.3 125.3#





#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

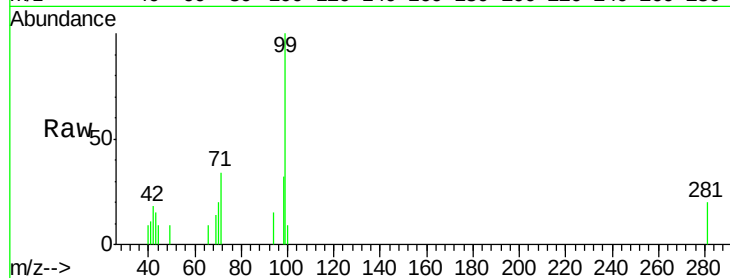
Tgt Ion: 94 Resp: 370

Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

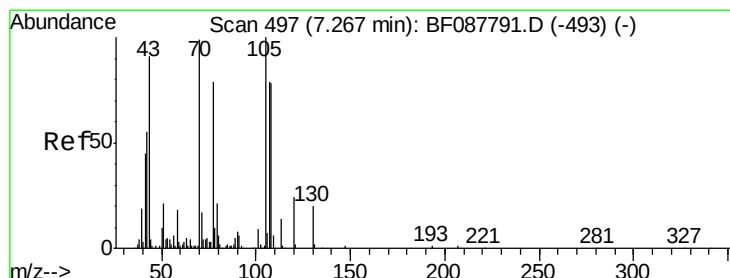
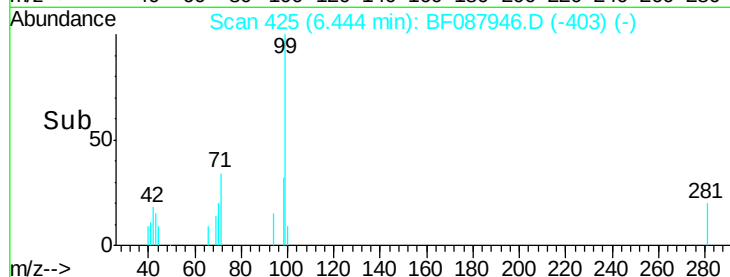
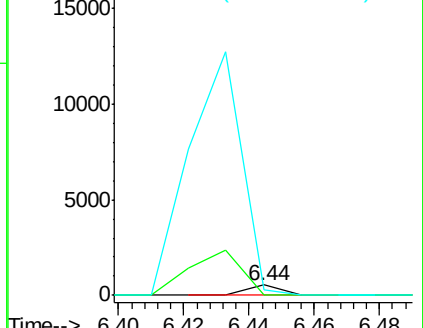
66 58.0 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.75 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.10 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

Tgt Ion: 70 Resp: 99223

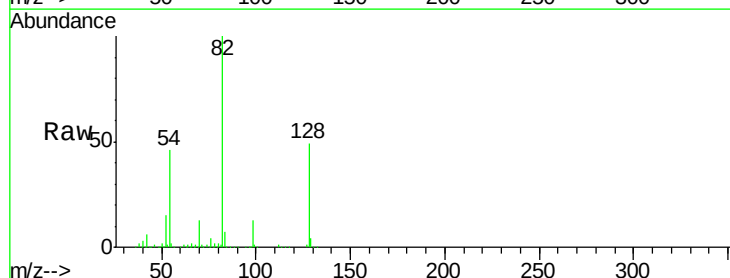
Ion Ratio Lower Upper

70 100

42 41.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

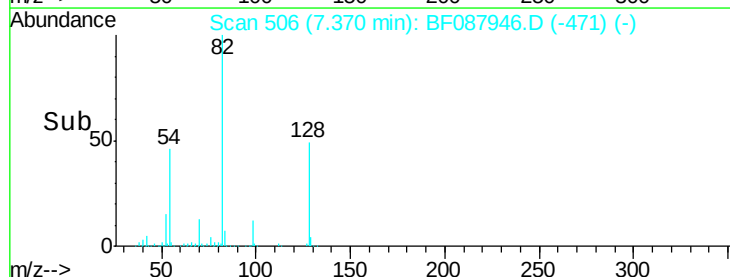
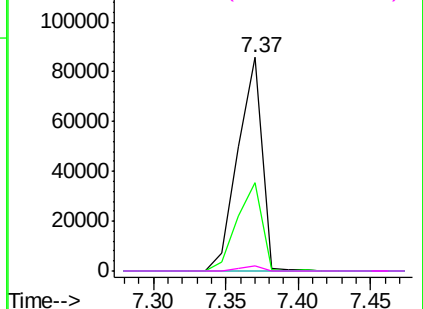


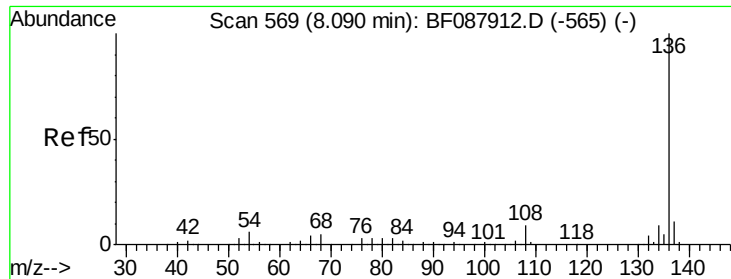
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

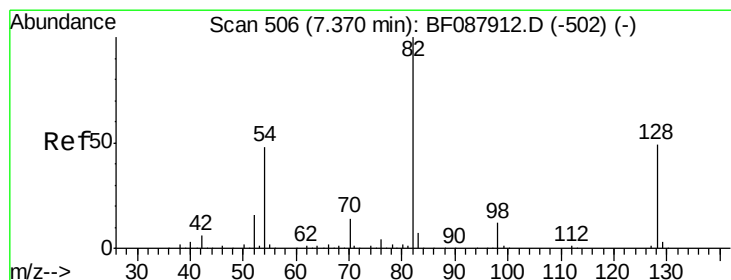
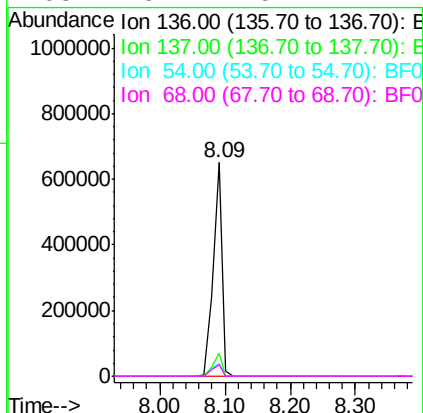
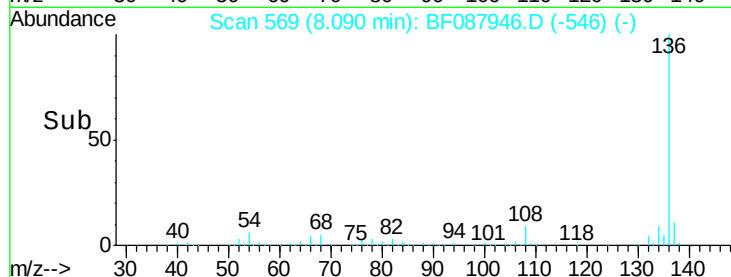
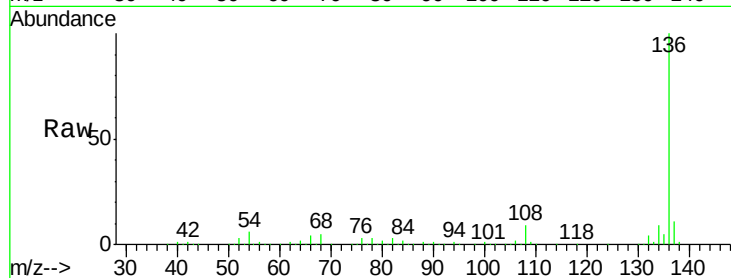




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

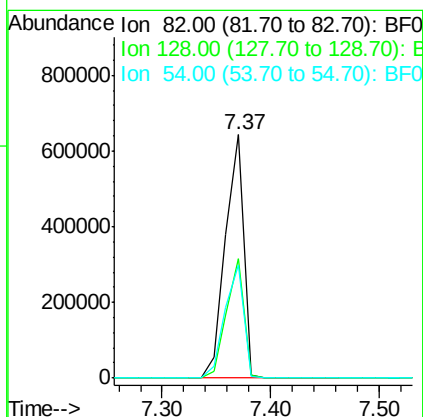
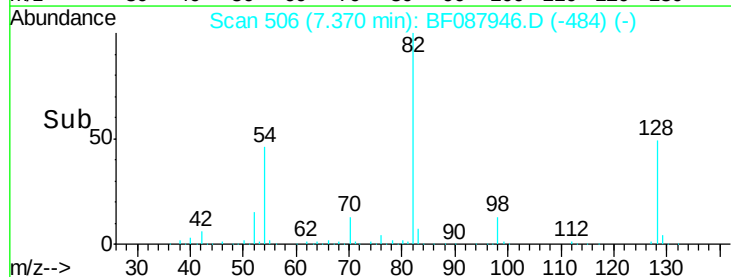
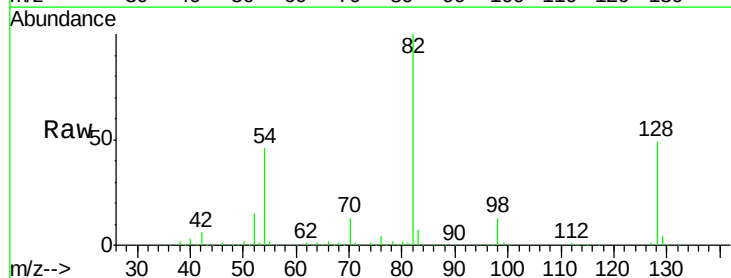
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

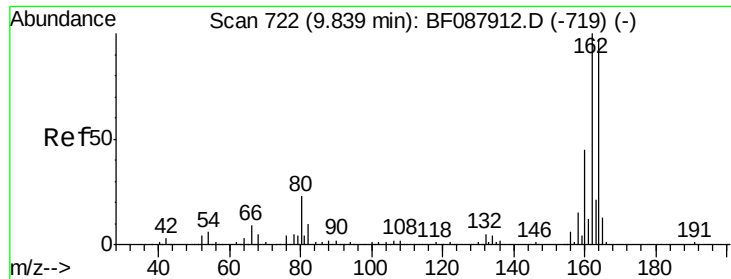
Tgt Ion:	136	Resp:	631129
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	6.6	10.0#
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 69.17 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:	82	Resp:	747558
Ion	Ratio	Lower	Upper
82	100		
128	49.2	35.9	53.9
54	46.2	40.9	61.3

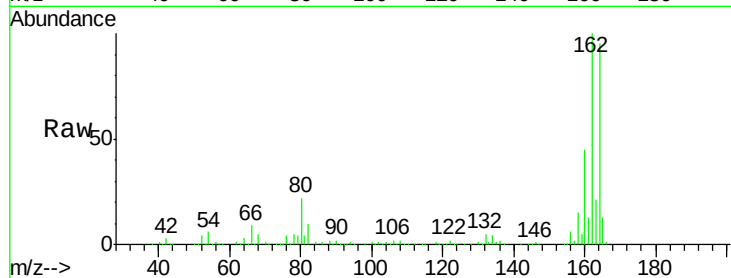




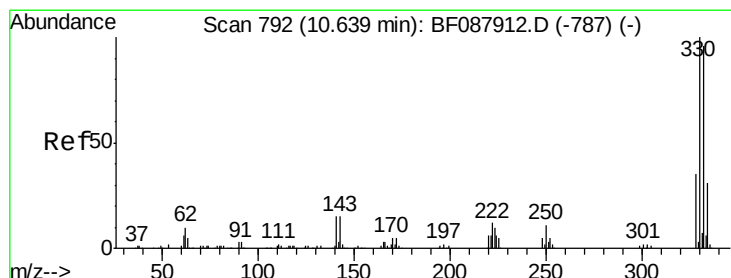
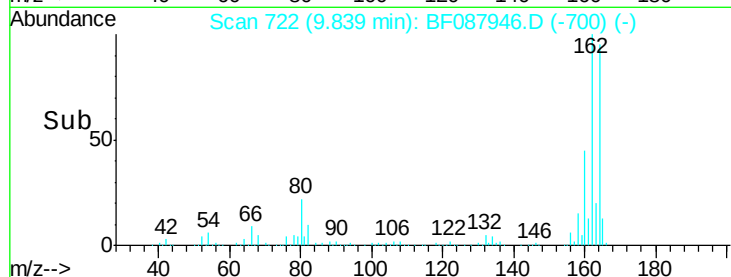
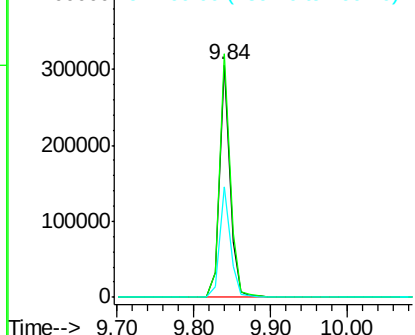
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:164 Resp: 293564
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 47.6 39.5 59.3

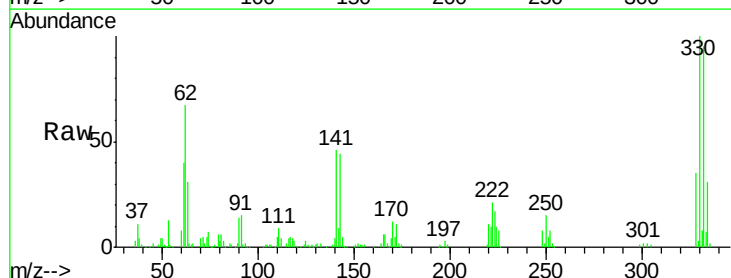


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

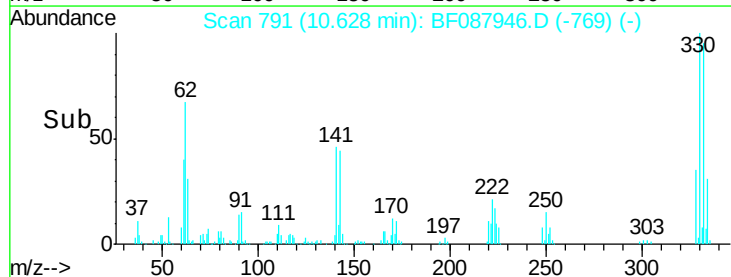
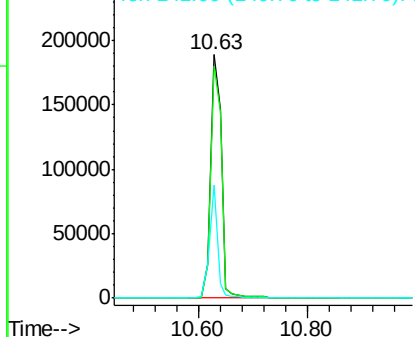


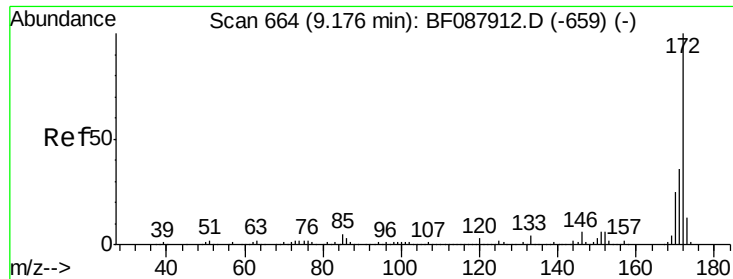
#41
2,4,6-Tribromophenol
Concen: 85.20 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:330 Resp: 264100
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 34.7 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

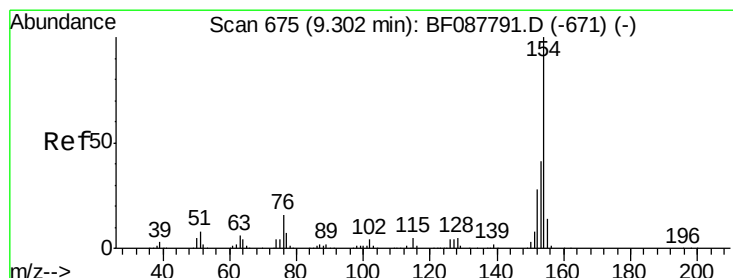
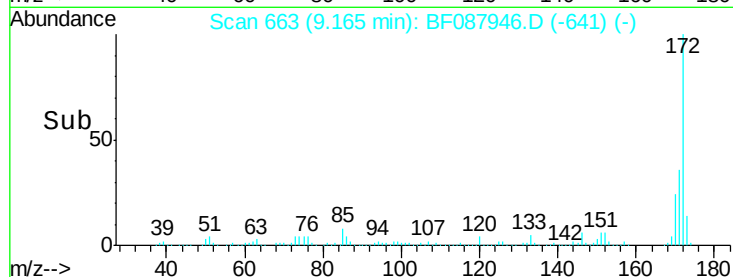
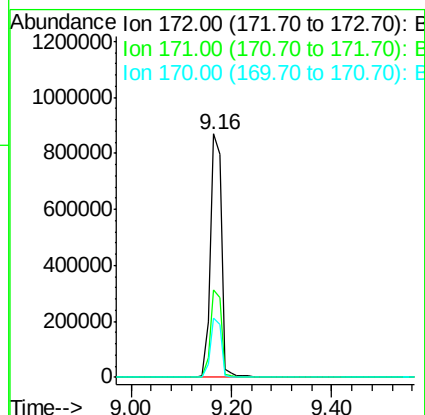
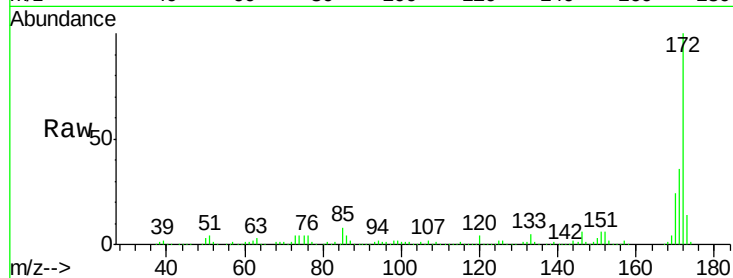




#44
 2-Fluorobiphenyl
 Concen: 70.70 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

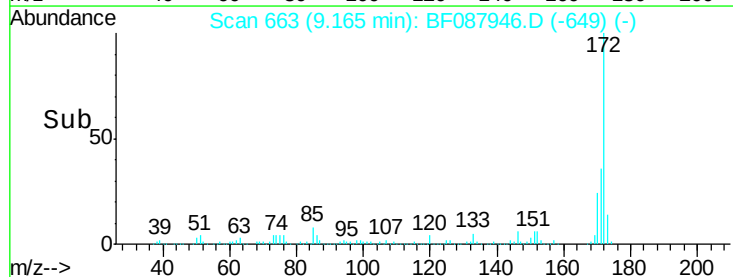
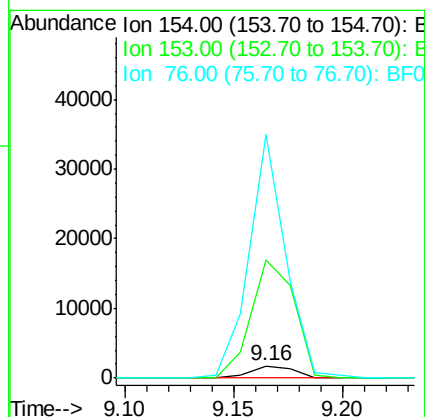
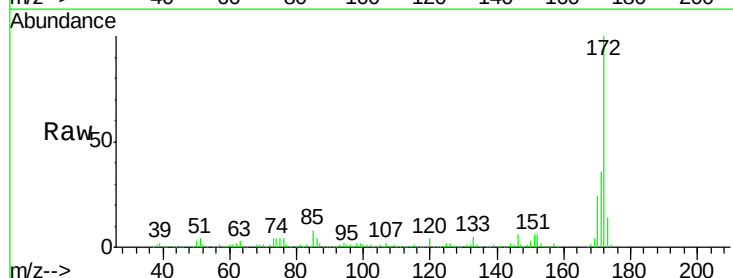
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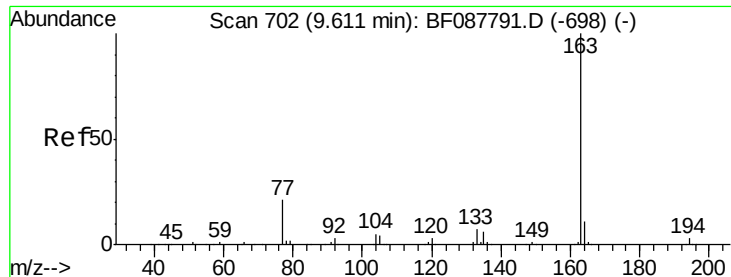
Tgt Ion:172 Resp: 1338533
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.2 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.16 min Scan# 663
 Delta R.T. -0.14 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

Tgt Ion:154 Resp: 2387
 Ion Ratio Lower Upper
 154 100
 153 970.1 20.6 60.6#
 76 1992.7 0.0 35.1#





#49

Dimethylphthalate

Concen: 3.27 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961-9008

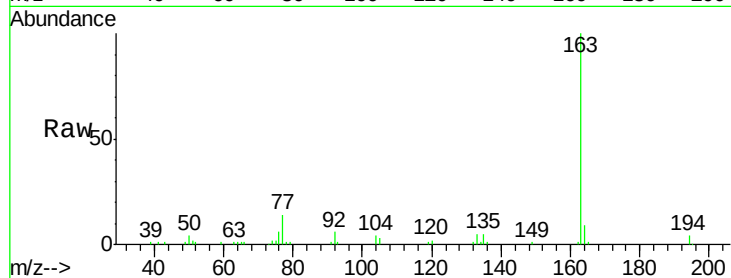
Tgt Ion:163 Resp: 69615

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

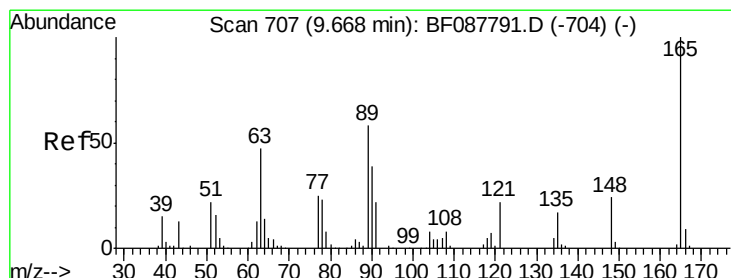
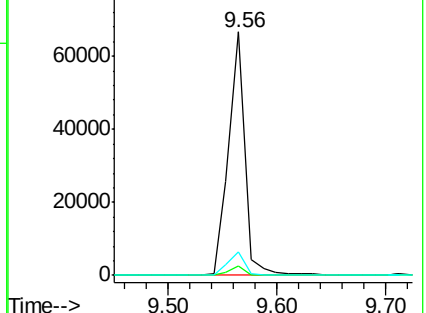
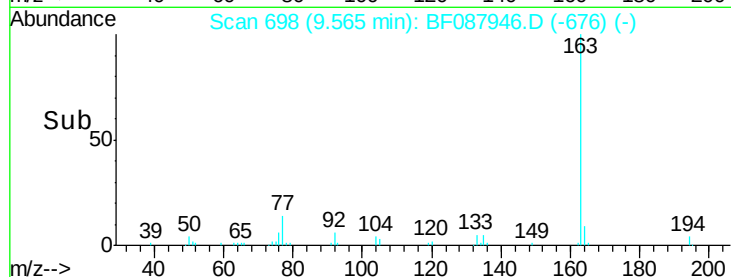
164 9.4 8.3 12.5



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: 7.65 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.17 min

Lab File: BF087946.D

Acq: 12 Jun 2016 13:40

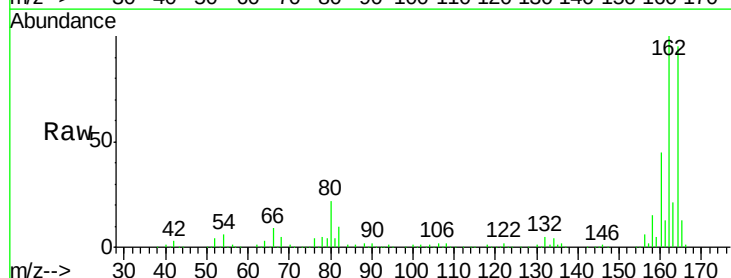
Tgt Ion:165 Resp: 37258

Ion Ratio Lower Upper

165 100

63 1.2 28.1 42.1#

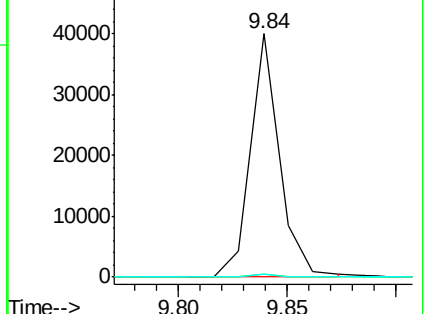
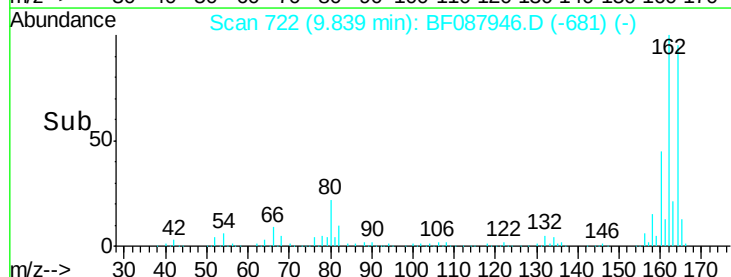
89 1.2 32.2 48.2#

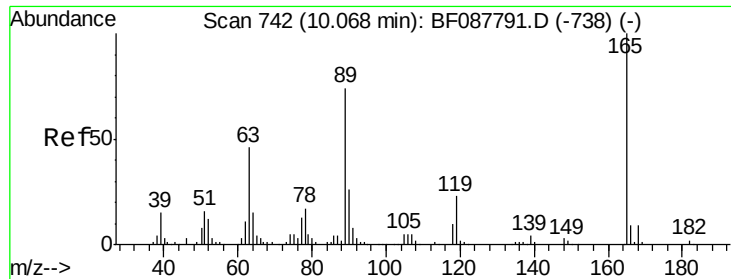


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

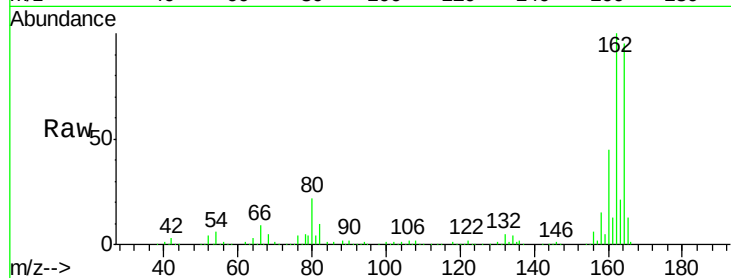




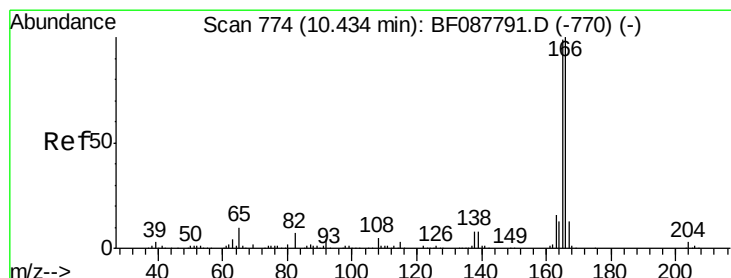
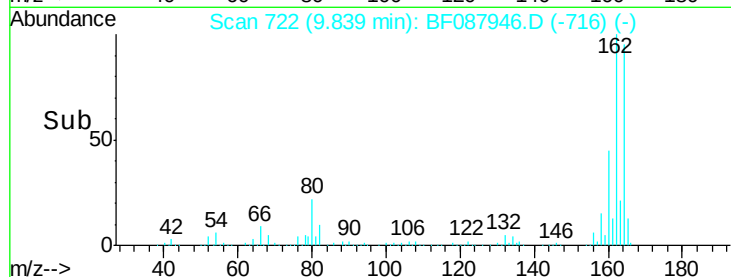
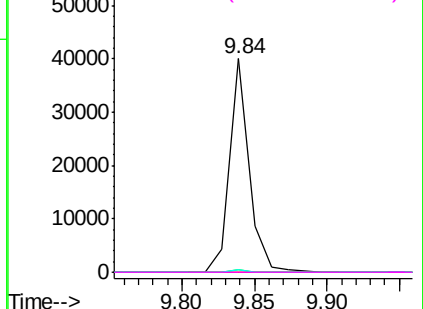
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:165 Resp: 37491
Ion Ratio Lower Upper
165 100
63 1.2 22.0 33.0#
89 1.2 41.1 61.7#
182 0.0 2.0 3.0#

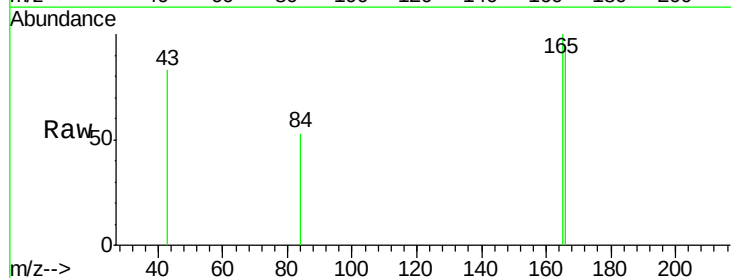


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

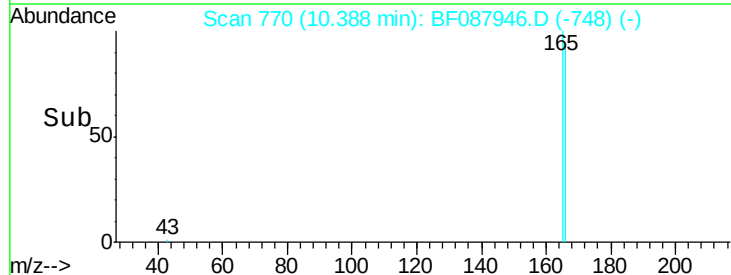
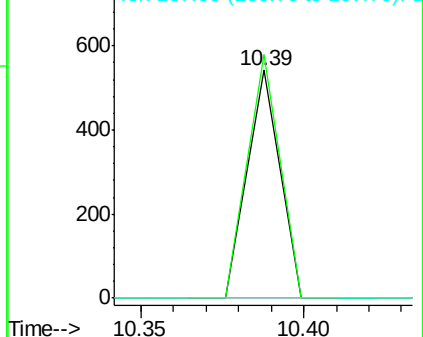


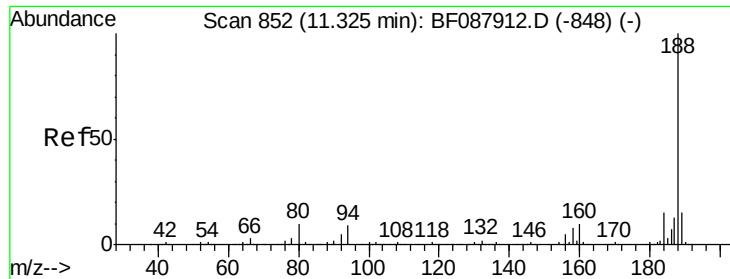
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:166 Resp: 372
Ion Ratio Lower Upper
166 100
165 106.6 77.8 116.8
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

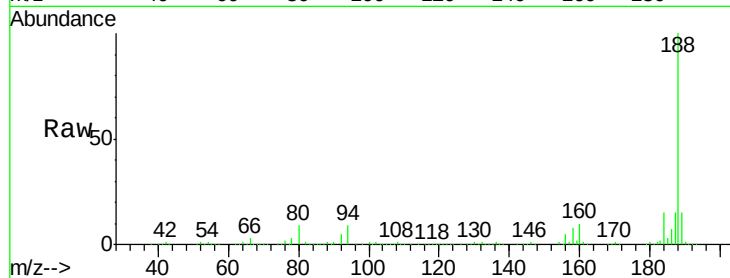




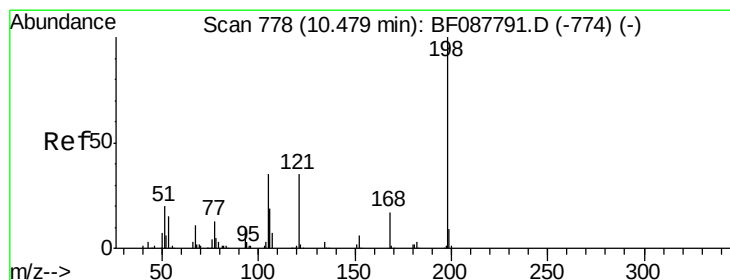
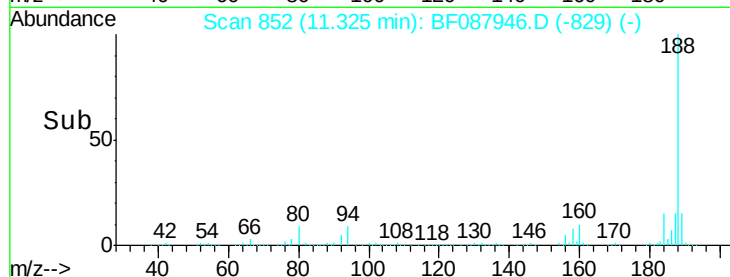
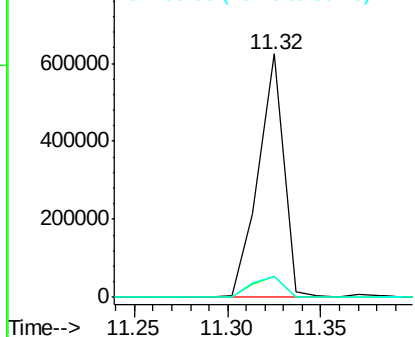
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961-9008

Tgt Ion:188 Resp: 591775
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.6#
 80 8.7 10.0 15.0#

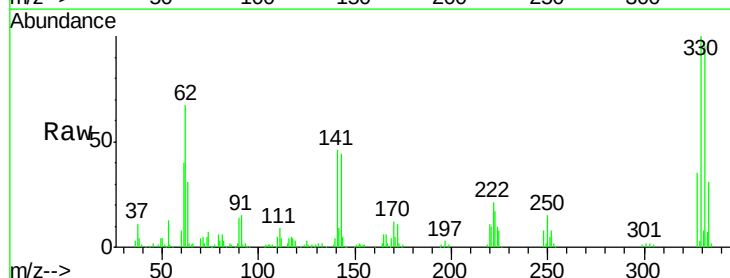


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

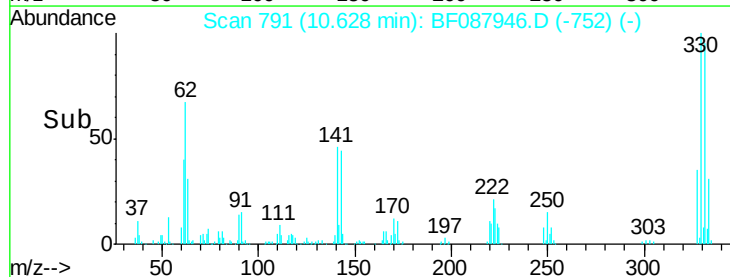
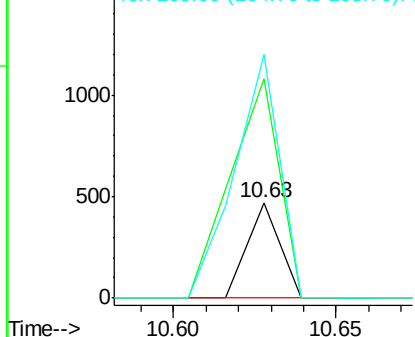


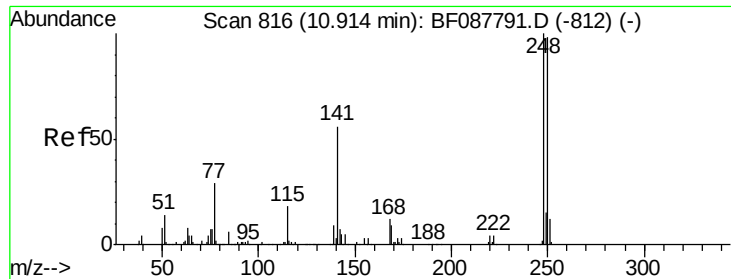
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.25 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.15 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

Tgt Ion:198 Resp: 322
 Ion Ratio Lower Upper
 198 100
 51 229.4 39.6 79.6#
 105 255.1 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

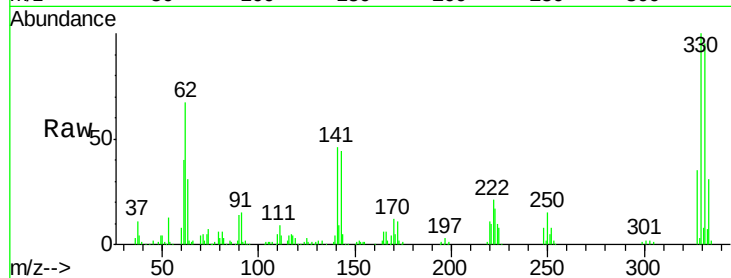




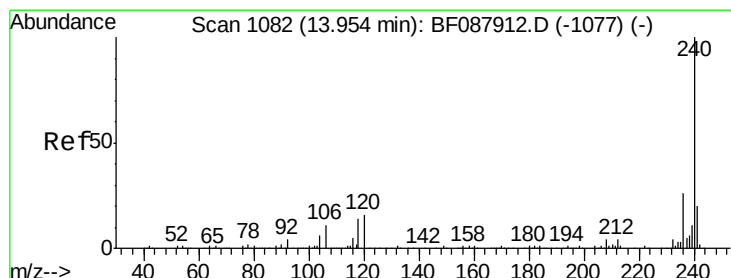
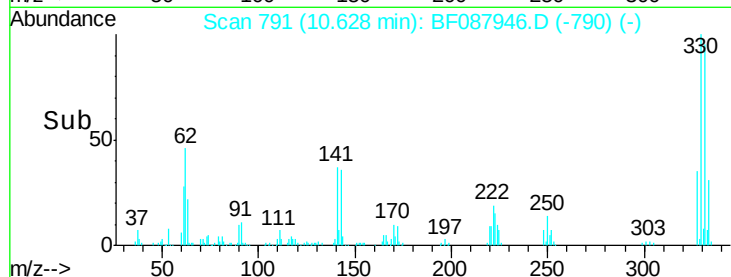
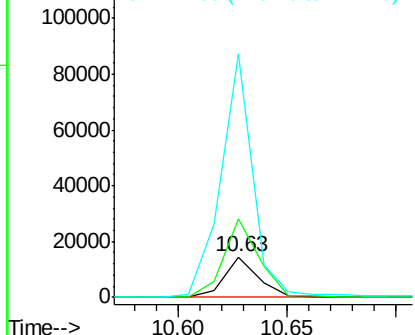
#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:248 Resp: 15704
Ion Ratio Lower Upper
248 100
250 196.2 77.1 115.7#
141 605.5 50.6 76.0#

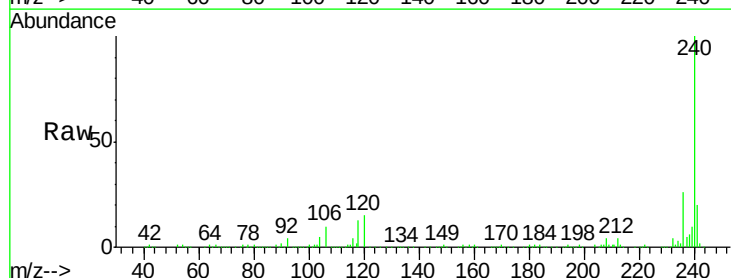


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

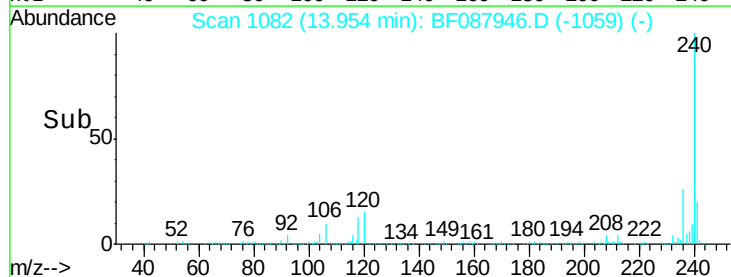
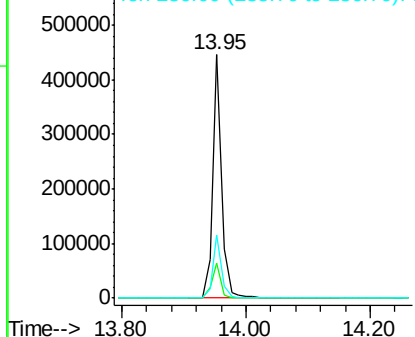


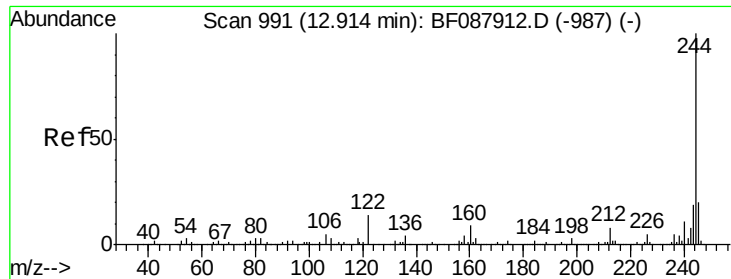
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:240 Resp: 434744
Ion Ratio Lower Upper
240 100
120 14.5 6.8 10.2#
236 26.1 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

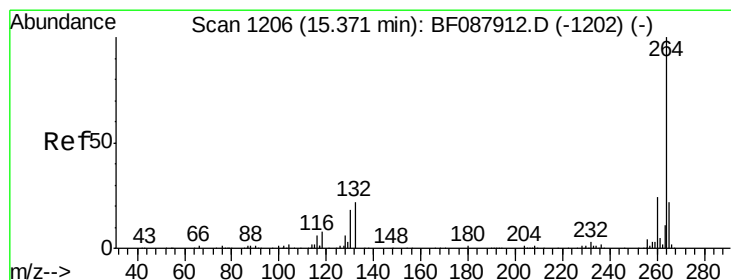
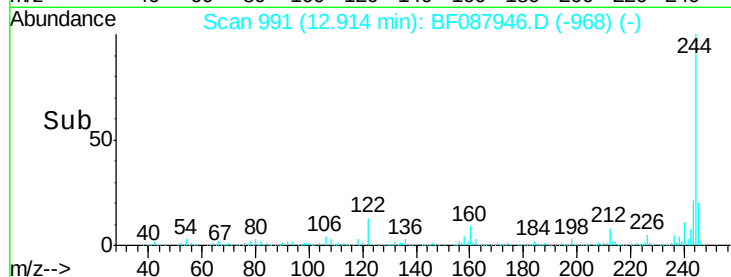
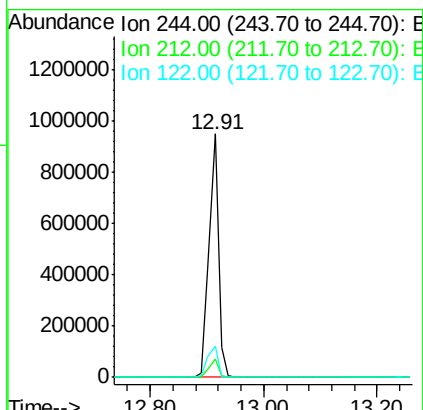
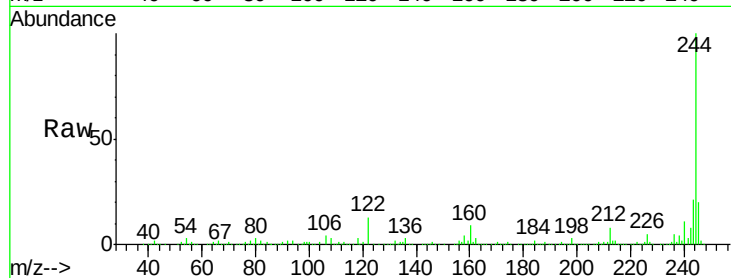




#78
 Terphenyl-d14
 Concen: 55.07 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961-9008

Tgt Ion:244 Resp: 1052187
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087946.D
 Acq: 12 Jun 2016 13:40

Tgt Ion:264 Resp: 354122
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 16.9 25.3

