

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087915.D
 Acq On : 11 Jun 2016 21:31
 Operator : UM/SJ
 Sample : H3362-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Quant Time: Jun 12 05:32:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

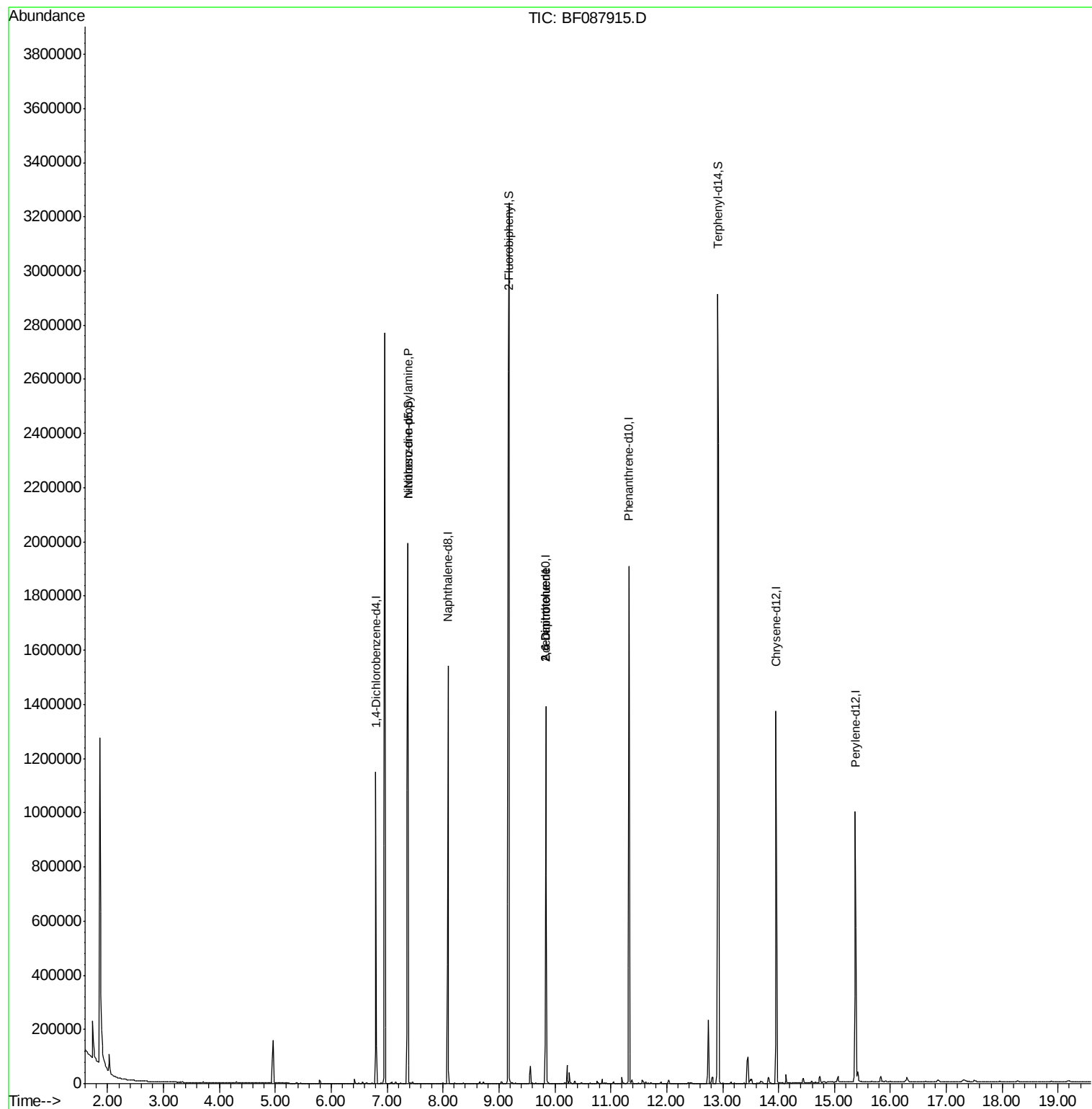
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169139	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	714650	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	329011	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	658843	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	579922	20.00	ng	-0.03
86) Perylene-d12	15.37	264	494004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	664	0.07	ng	-0.05
7) Phenol-d6	6.42	99	5429	0.45	ng	-0.06
23) Nitrobenzene-d5	7.37	82	796505	65.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	213	0.06	ng	-0.05
44) 2-Fluorobiphenyl	9.18	172	1538042	72.63	ng	-0.03
78) Terphenyl-d14	12.91	244	1467035	57.56	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	106744	13.92	ng	# 73
45) 1,1'-Biphenyl	9.18	154	3103	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.84	165	42144	7.72	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	42145	6.01	ng	# 38

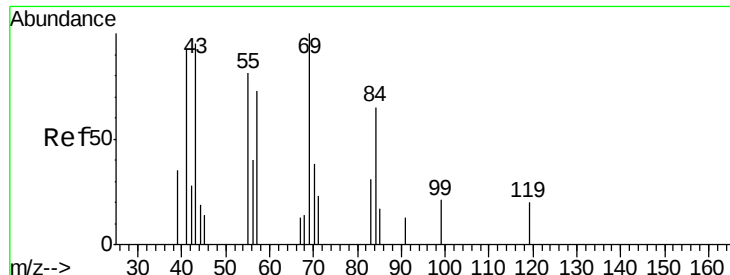
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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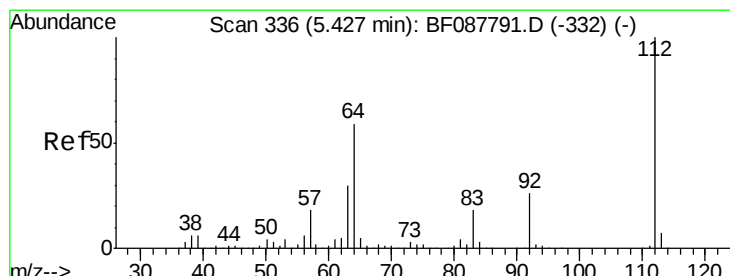
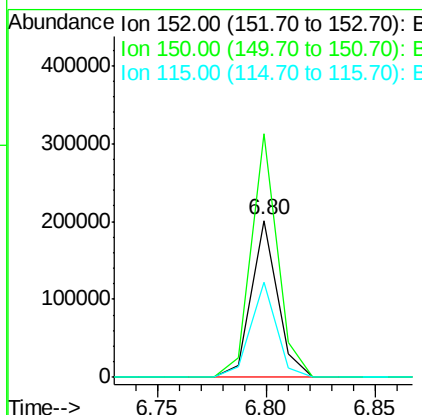
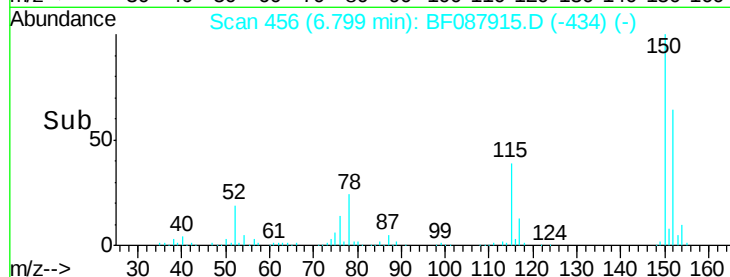
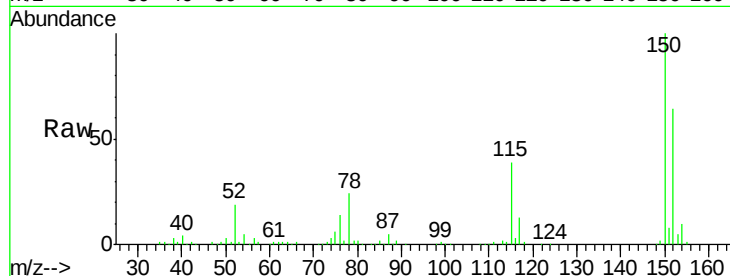




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

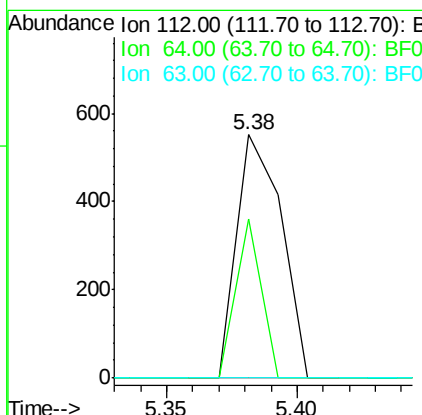
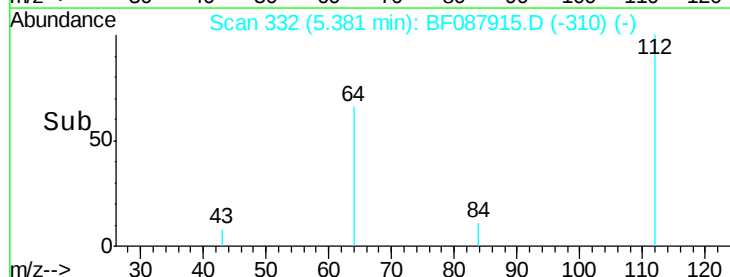
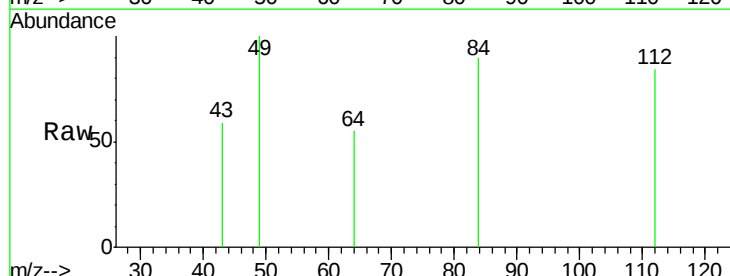
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	60.9	39.6	59.4



#5
 2-Fluorophenol
 Concen: 0.07 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.05 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	42.2	63.2
63	0.0	21.8	32.8





#7

Phenol-d6

Concen: 0.45 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

WC-201605A

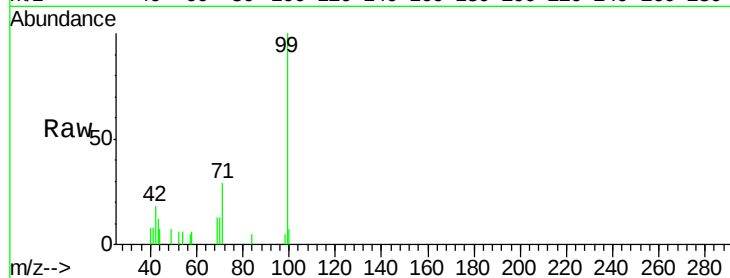
Tot Ion: 99 Resp: 5429

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

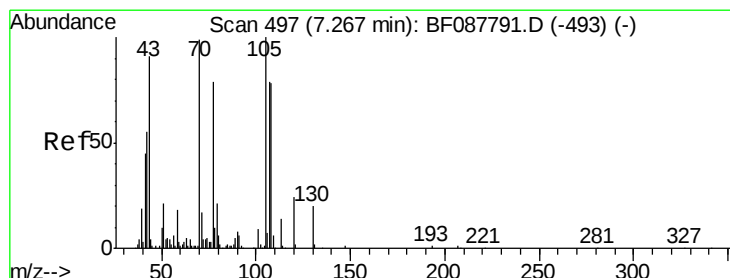
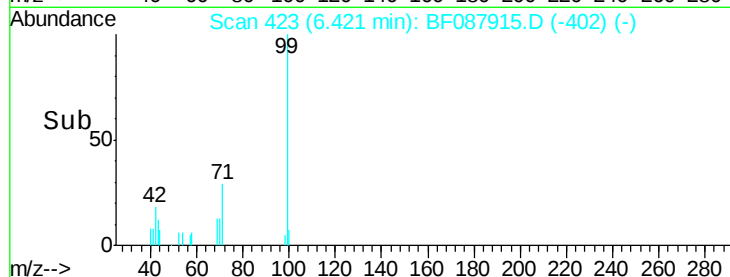
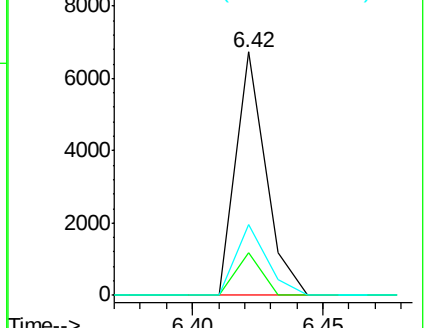
71 29.3 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.92 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.10 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Tgt Ion: 70 Resp: 106744

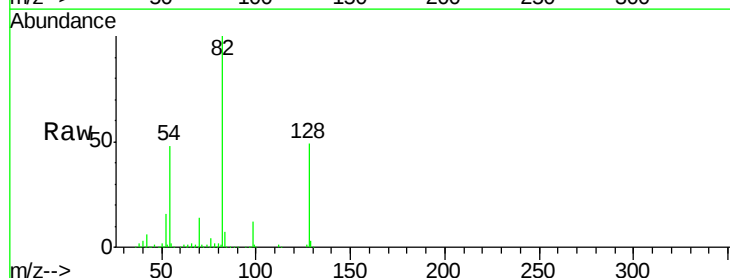
Ion Ratio Lower Upper

70 100

42 43.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

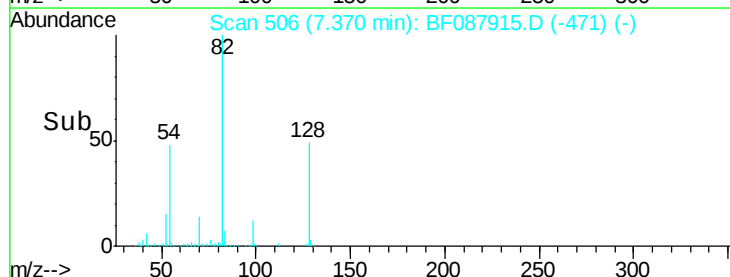
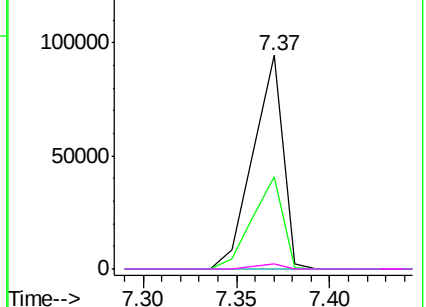


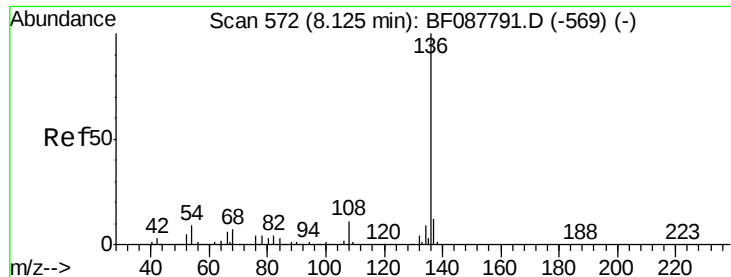
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF087915.D

Acq: 11 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

WC-201605A

Tot Ion:136 Resp: 714650

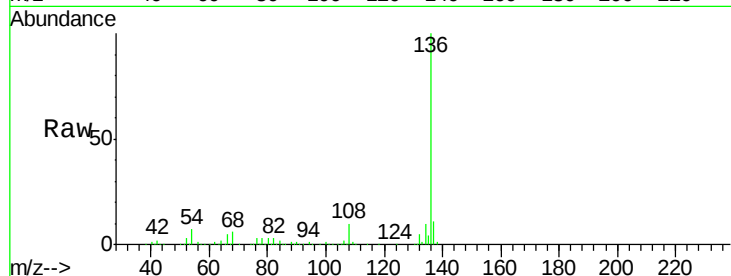
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 6.6 10.0

68 5.8 5.1 7.7

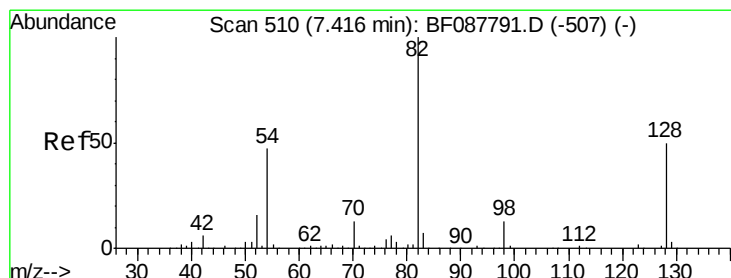
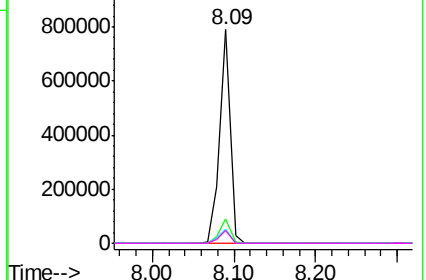
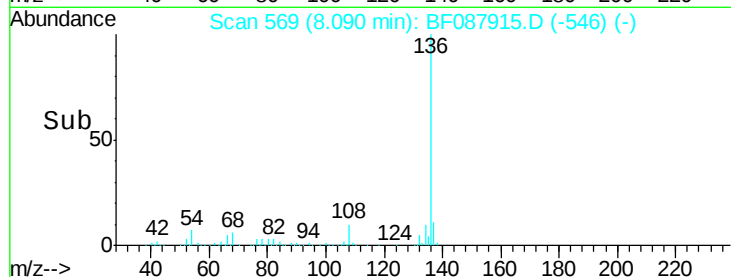


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.08 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

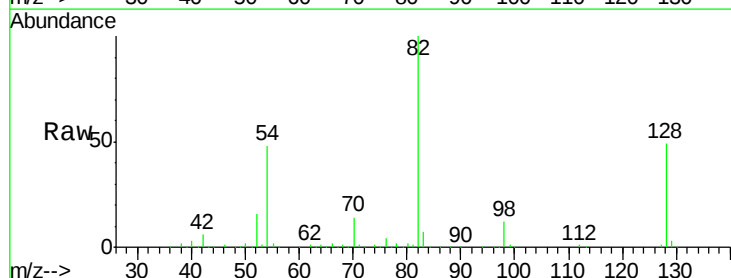
Tgt Ion: 82 Resp: 796505

Ion Ratio Lower Upper

82 100

128 48.7 35.9 53.9

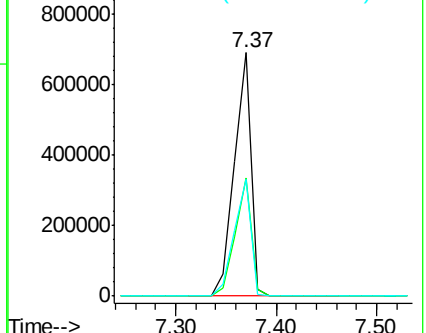
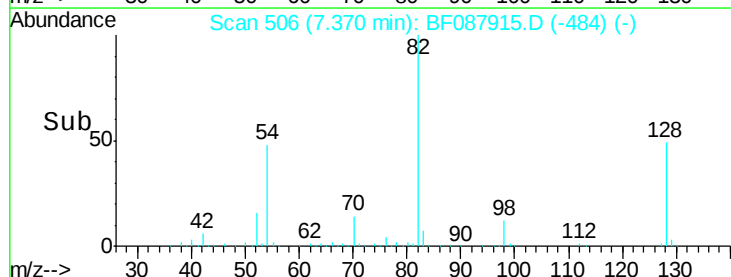
54 48.2 40.9 61.3

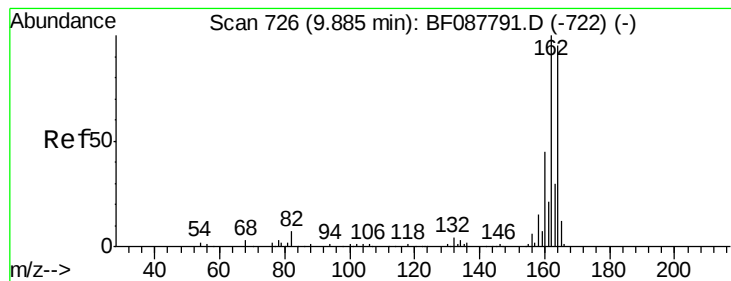


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

WC-201605A

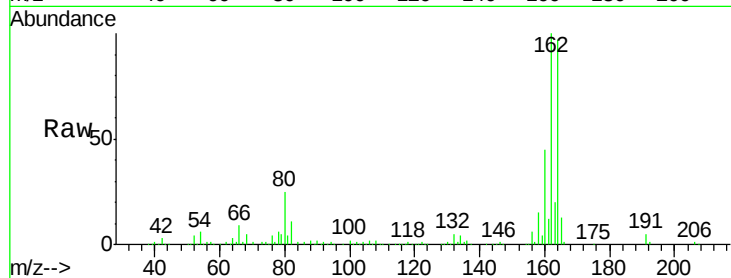
Tot Ion:164 Resp: 329011

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

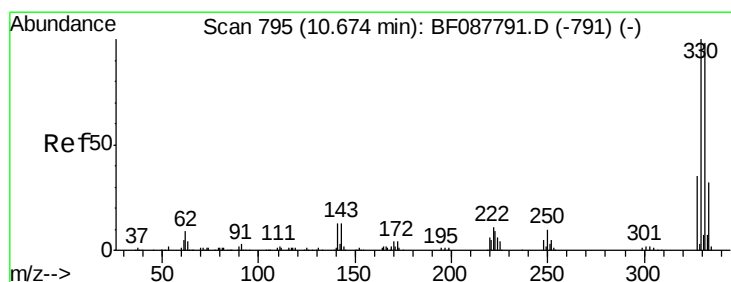
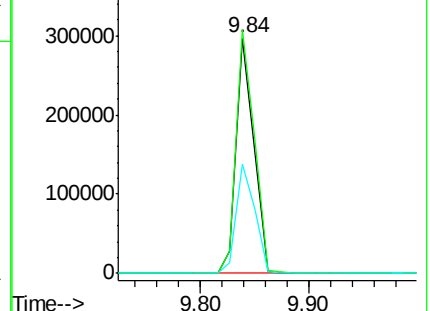
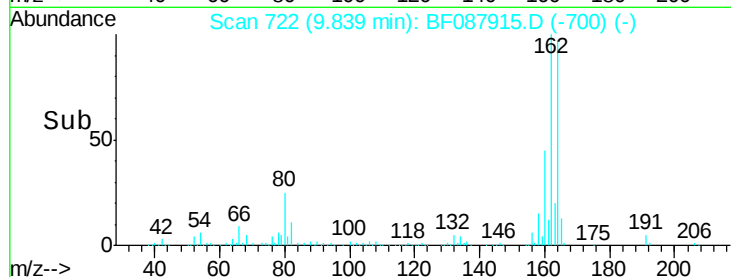
160 46.6 39.5 59.3



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: 0.06 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

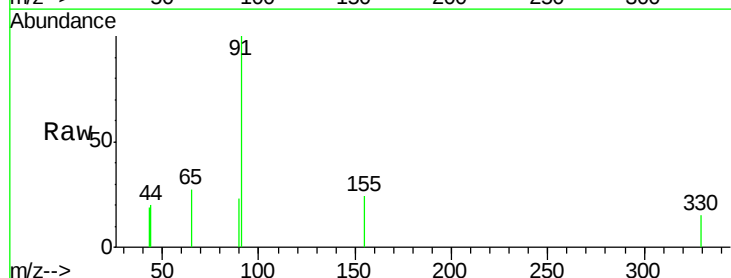
Tgt Ion:330 Resp: 213

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

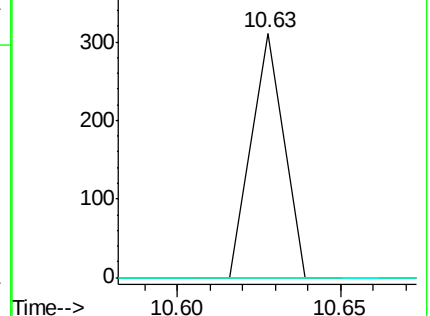
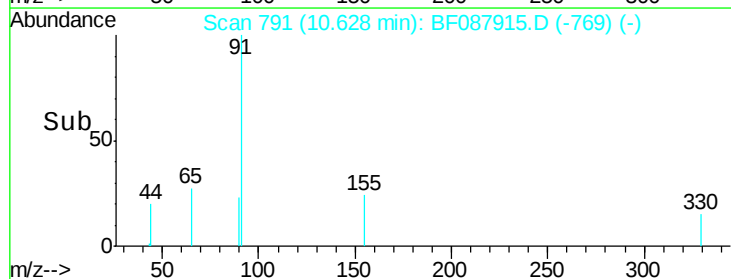
141 0.0 0.0 0.0



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

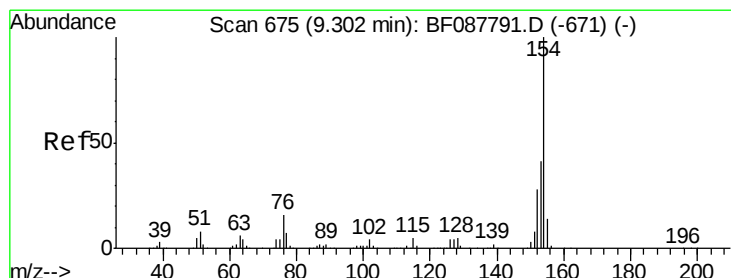
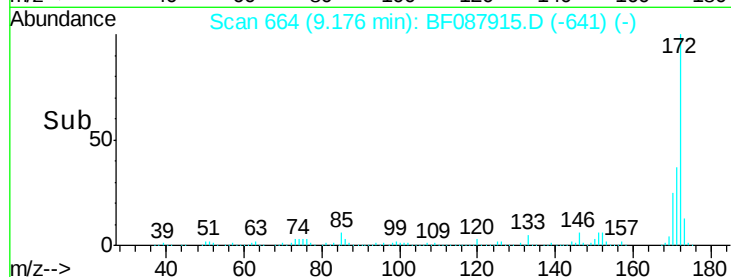
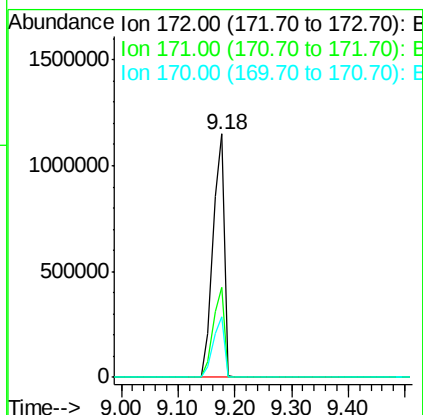
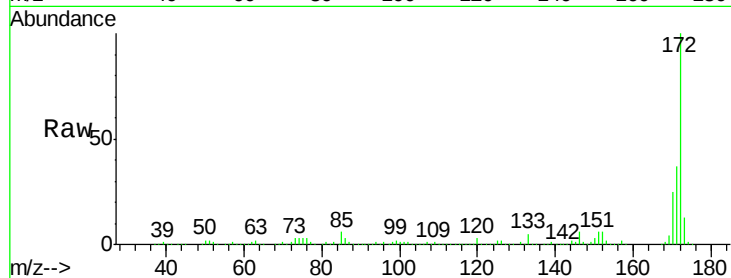




#44
 2-Fluorobiphenyl
 Concen: 72.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

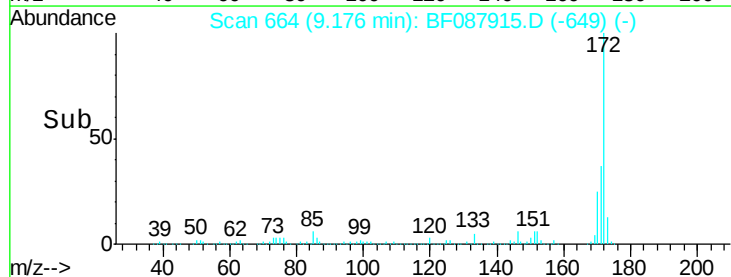
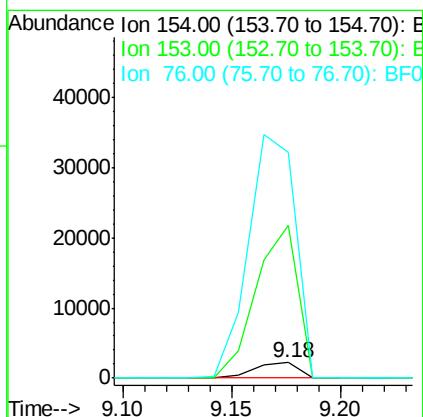
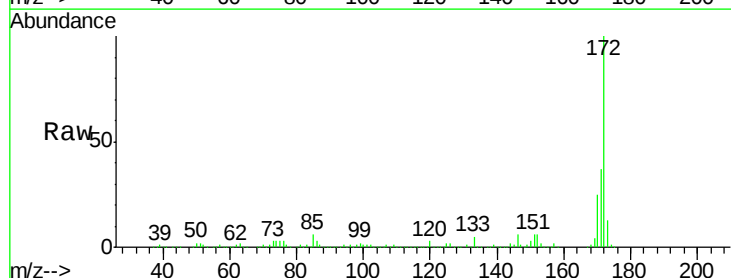
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

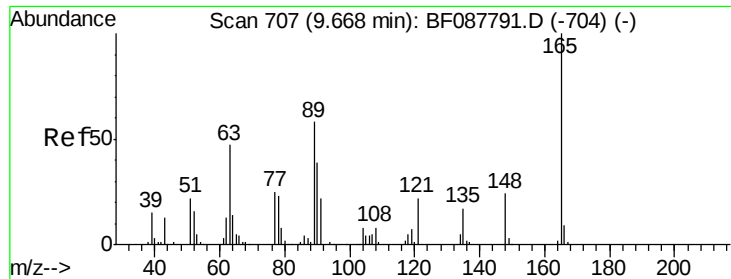
Tot Ion:172 Resp: 1538042
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 25.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.18 min Scan# 664
 Delta R.T. -0.13 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Tgt Ion:154 Resp: 3103
 Ion Ratio Lower Upper
 154 100
 153 986.1 20.6 60.6#
 76 1455.9 0.0 35.1#

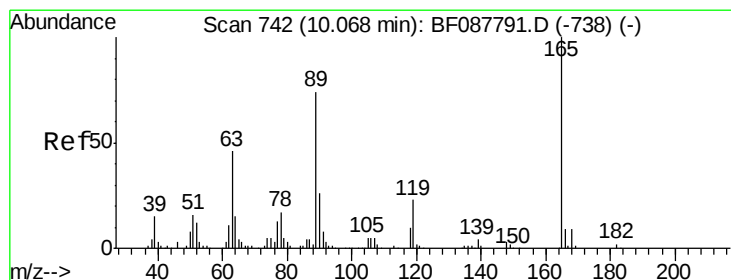
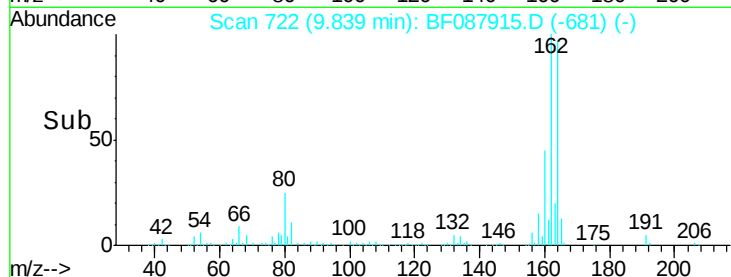
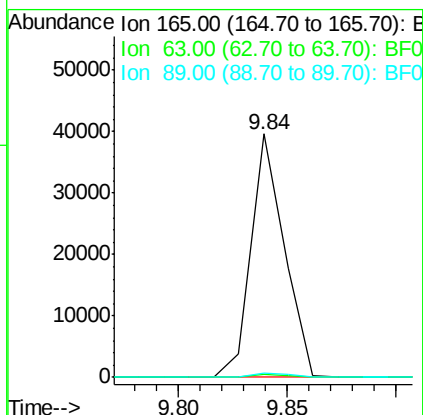
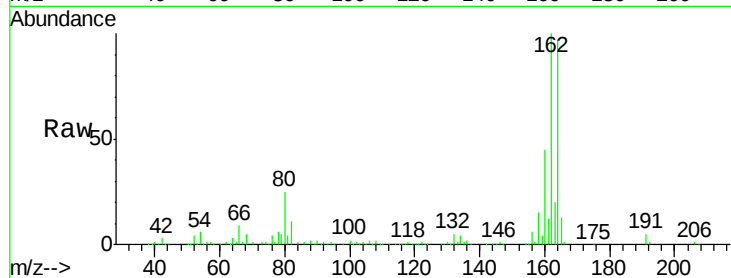




#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

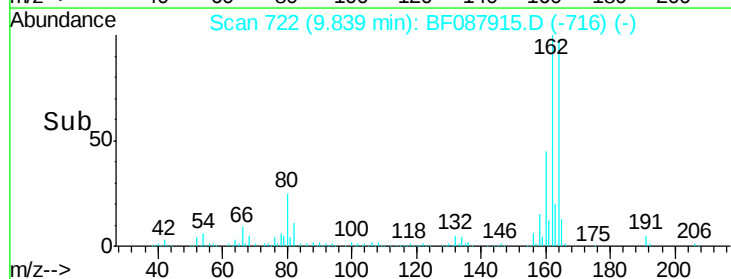
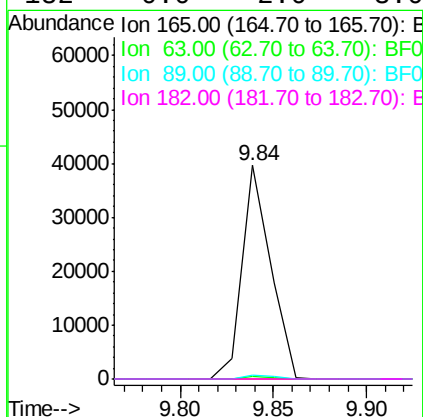
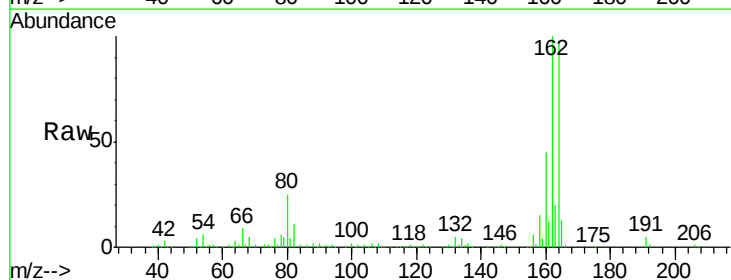
Instrument :
BNA_F
ClientSampleId :
WC-201605A

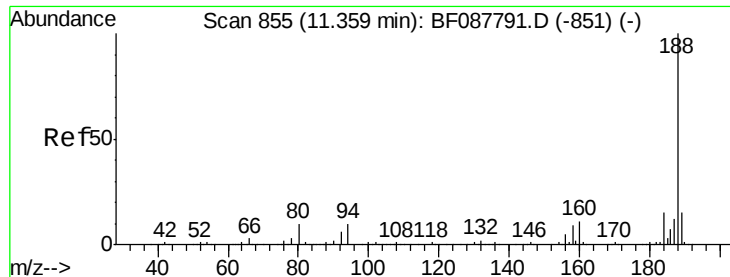
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

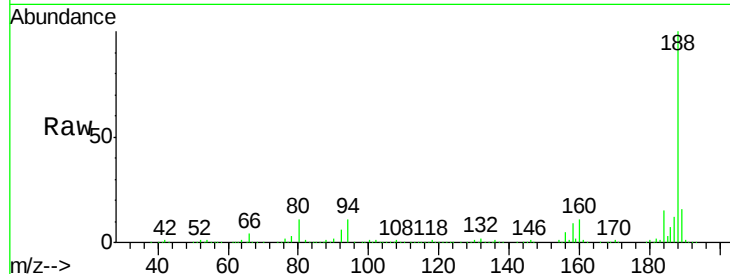




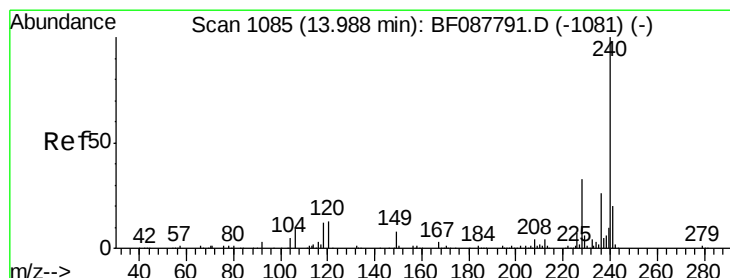
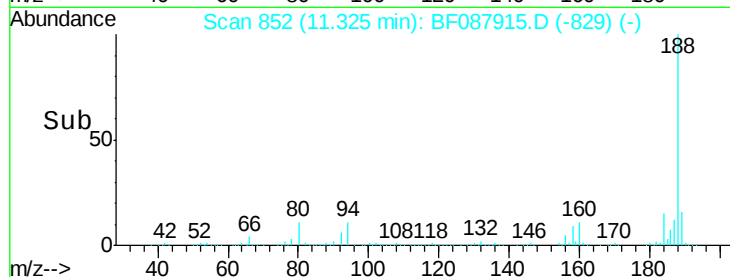
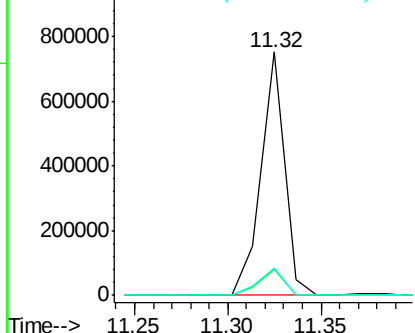
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Instrument :
BNA_F
ClientSampleId :
WC-201605A

Tot Ion:188 Resp: 658843
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.2 10.0 15.0

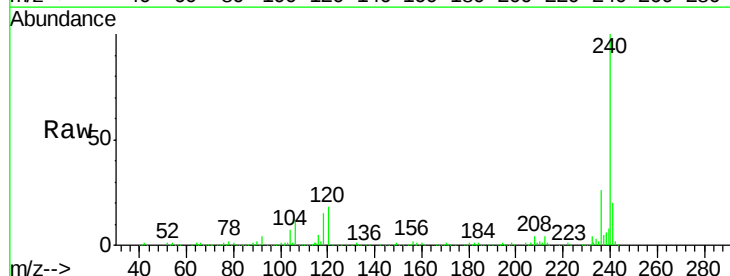


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

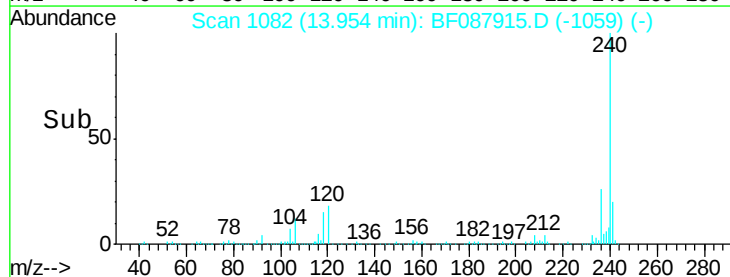
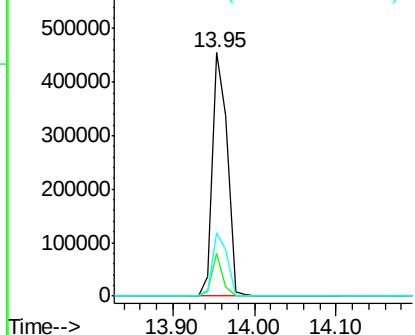


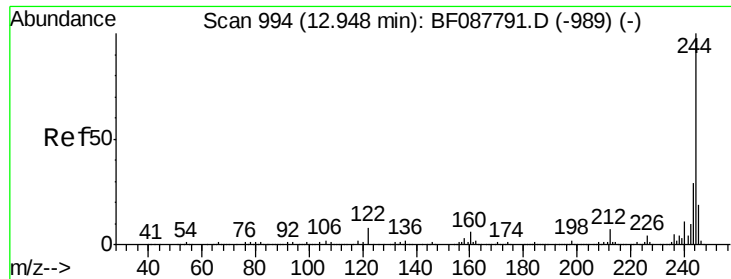
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Tgt Ion:240 Resp: 579922
Ion Ratio Lower Upper
240 100
120 17.7 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

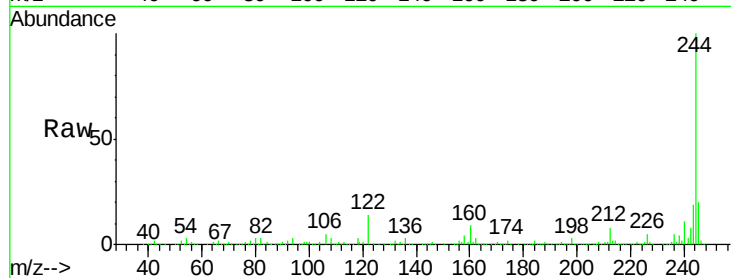




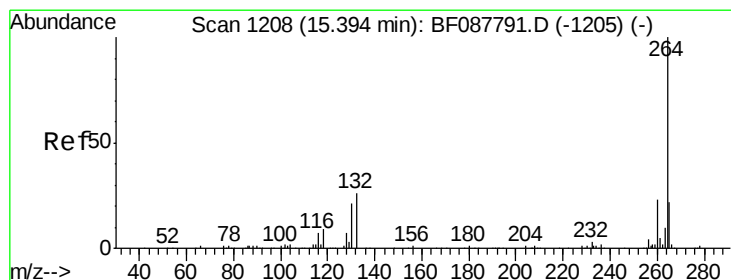
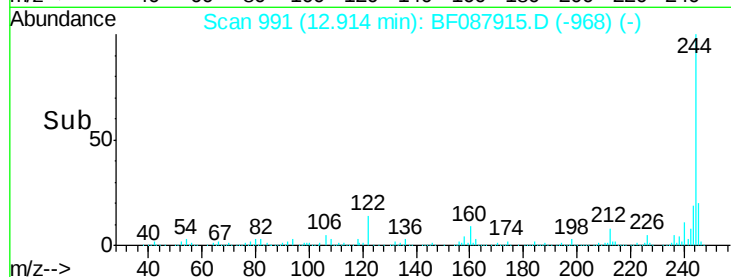
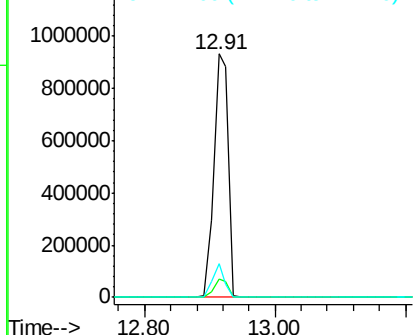
#78
 Terphenyl-d14
 Concen: 57.56 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tot Ion:244 Resp: 1467035
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.0 11.2 16.8

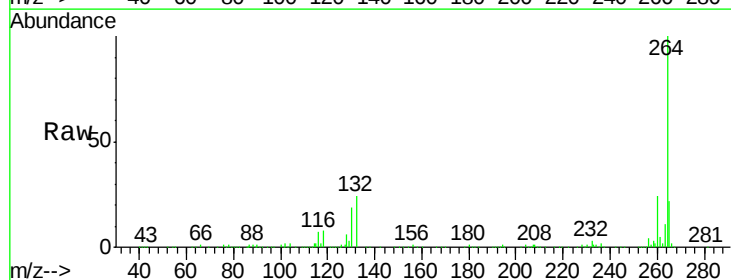


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Tgt Ion:264 Resp: 494004
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 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

