

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083790.D
 Acq On : 15 Dec 2015 1:12
 Operator : UM/IZ
 Sample : G4779-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Dec 15 02:28:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

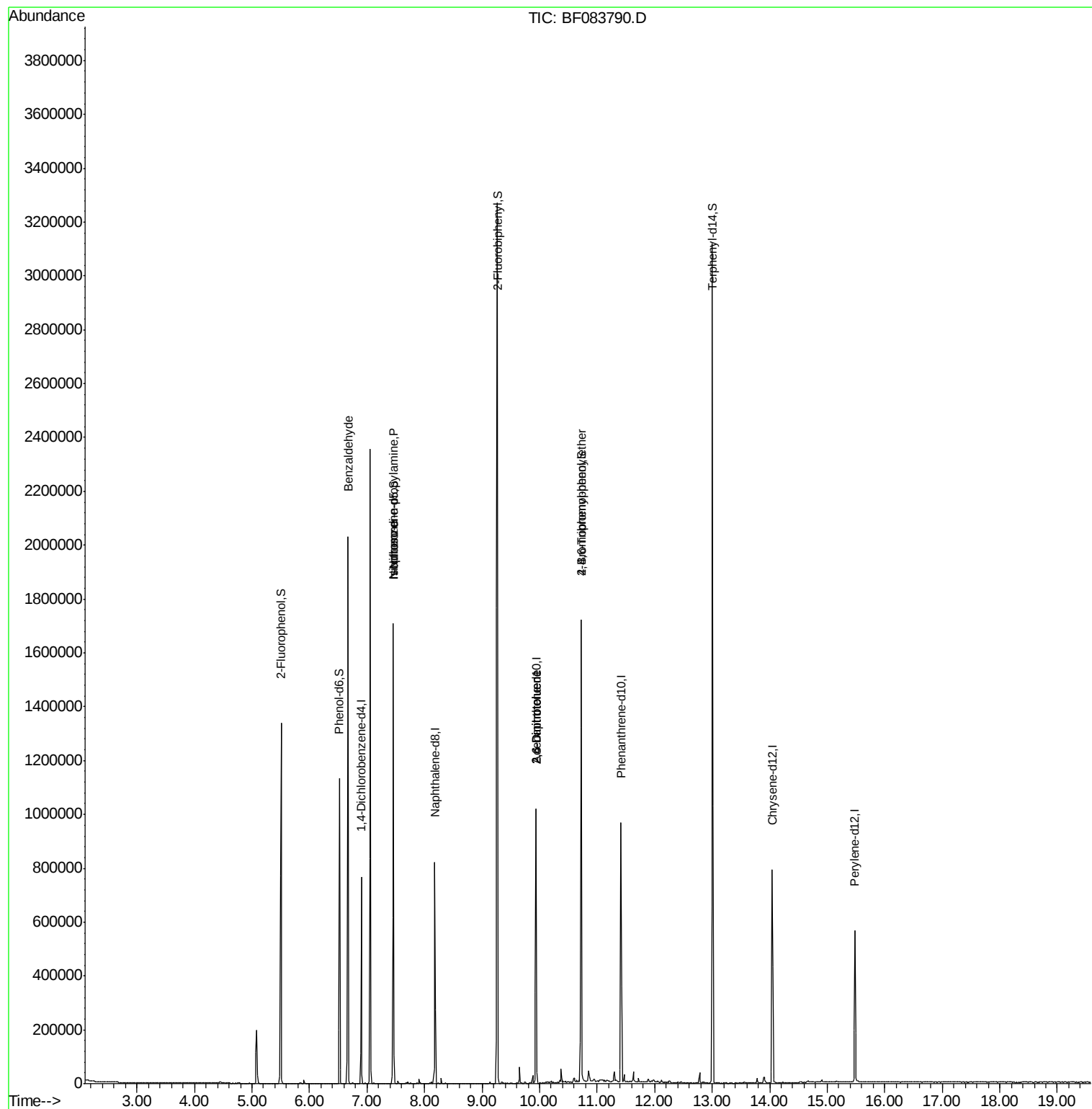
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109439	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	400932	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	207872	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	368530	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	316319	20.00	ng	-0.03
86) Perylene-d12	15.48	264	245704	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	456759	67.33	ng	-0.02
7) Phenol-d6	6.52	99	359473	41.84	ng	-0.02
23) Nitrobenzene-d5	7.46	82	587400	81.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	301768	142.47	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1206597	85.06	ng	-0.02
78) Terphenyl-d14	13.00	244	1097054	74.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	15900	3.45	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	80692	15.34	ng	# 70
25) Isophorone	7.46	82	580743	41.30	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	26932	7.83	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	26933	5.99	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	20527	4.98	ng	# 1

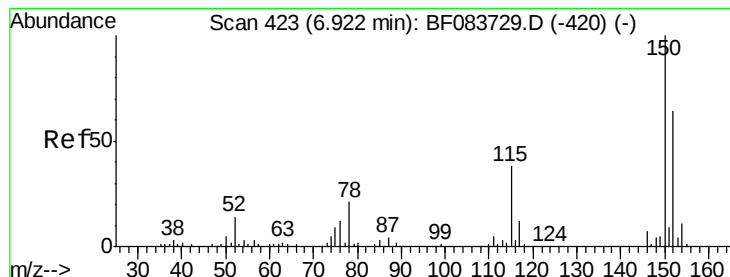
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

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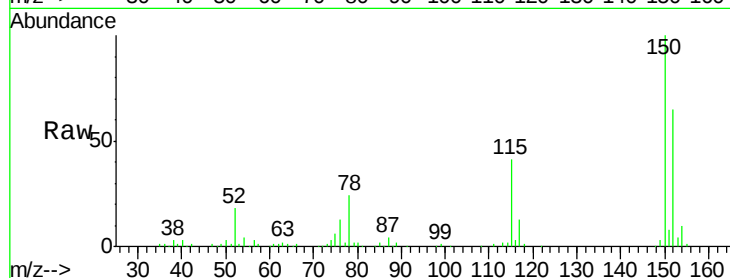
Tgt Ion:152 Resp: 109439

Ion Ratio Lower Upper

152 100

150 153.4 126.5 189.7

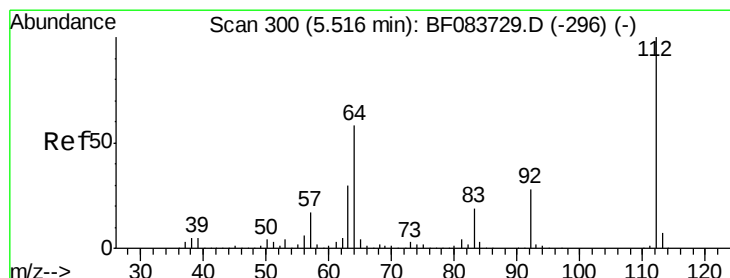
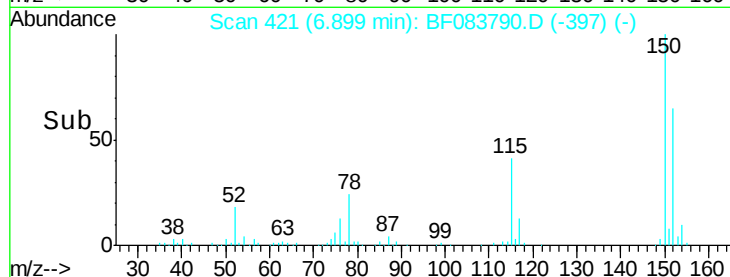
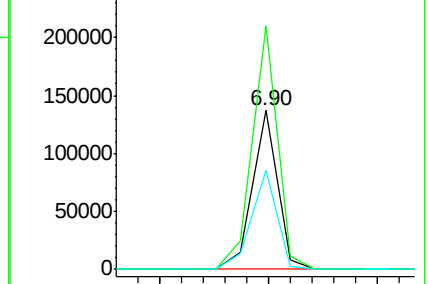
115 62.4 52.3 78.5



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: 67.33 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

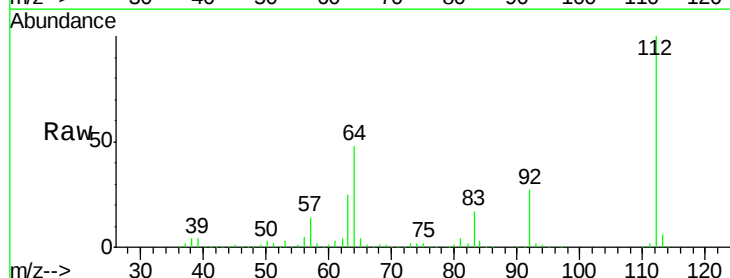
Tgt Ion:112 Resp: 456759

Ion Ratio Lower Upper

112 100

64 48.4 50.5 75.7#

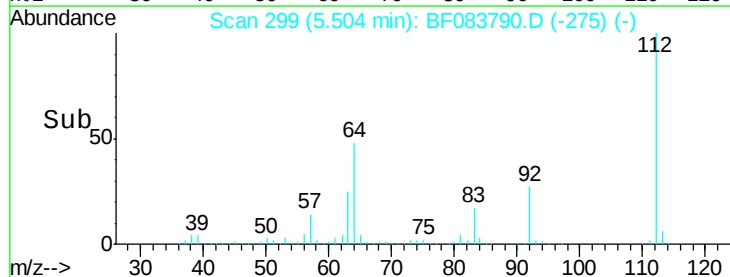
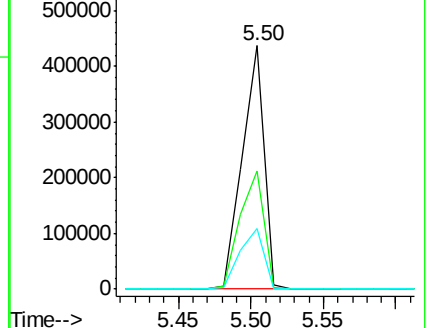
63 24.9 25.8 38.6#



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: 41.84 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

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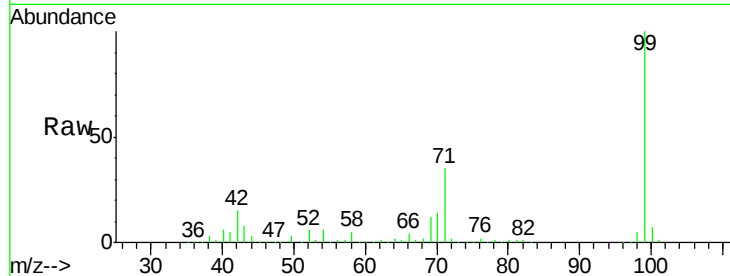
Tgt Ion: 99 Resp: 359473

Ion Ratio Lower Upper

99 100

42 14.8 17.3 25.9#

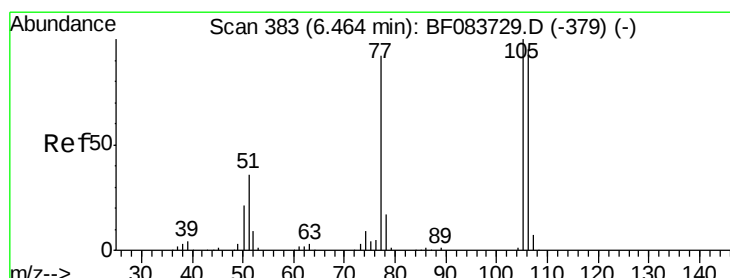
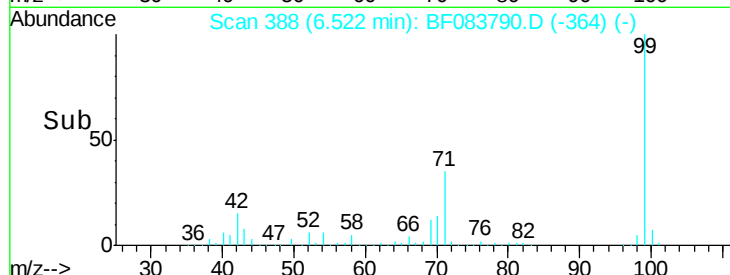
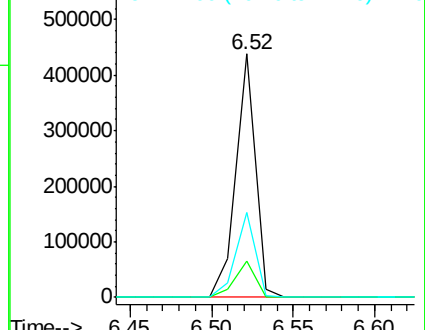
71 34.7 26.6 40.0



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: 3.45 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

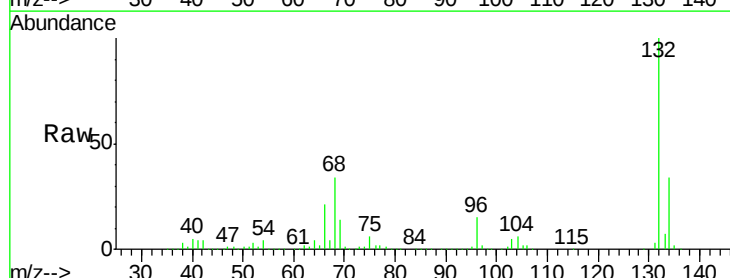
Tgt Ion: 77 Resp: 15900

Ion Ratio Lower Upper

77 100

105 93.0 71.8 111.8

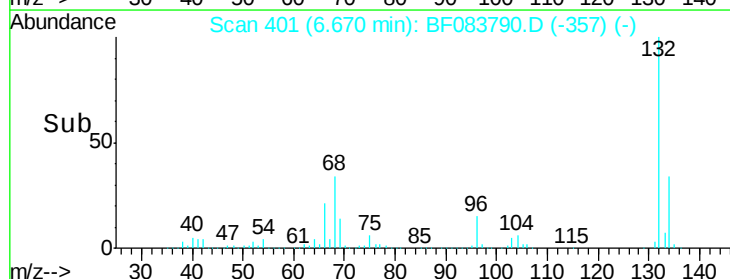
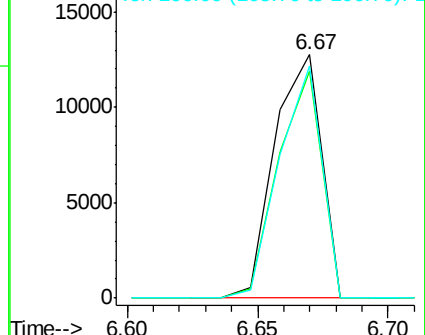
106 95.2 66.8 106.8

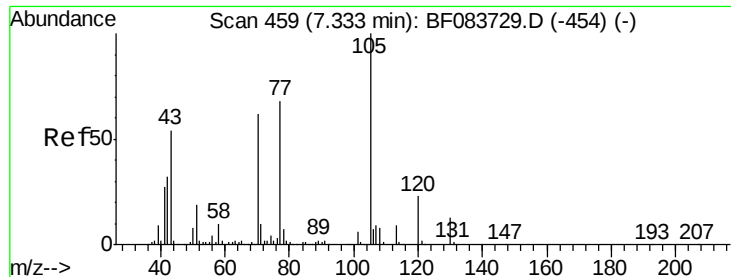


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.34 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 80692

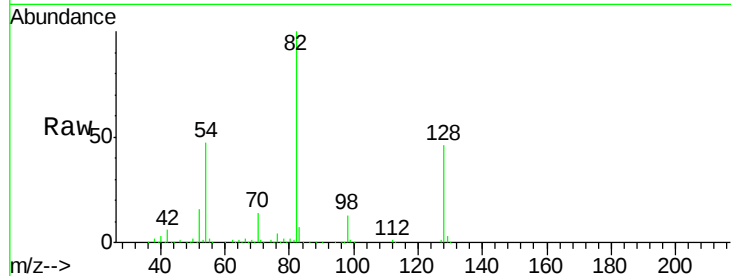
Ion Ratio Lower Upper

70 100

42 40.2 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

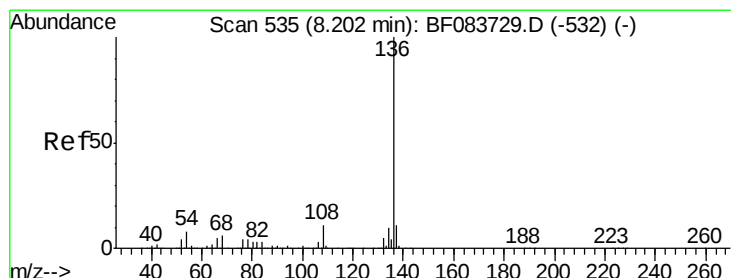
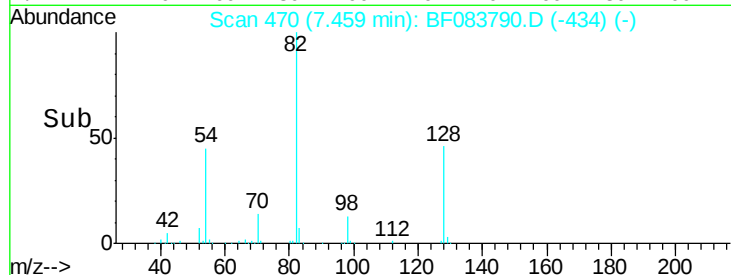
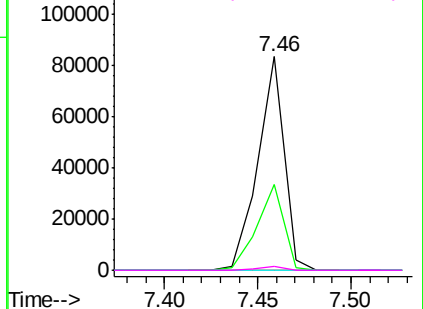


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083790.D

Acq: 15 Dec 2015 1:12

Tgt Ion: 136 Resp: 400932

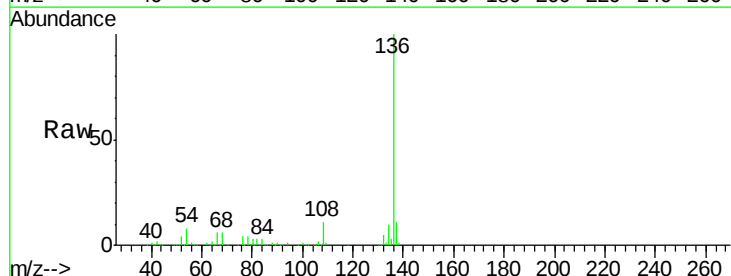
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.1 7.8 11.6

68 6.2 5.7 8.5

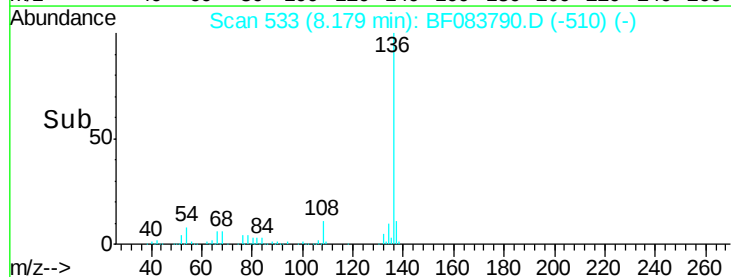
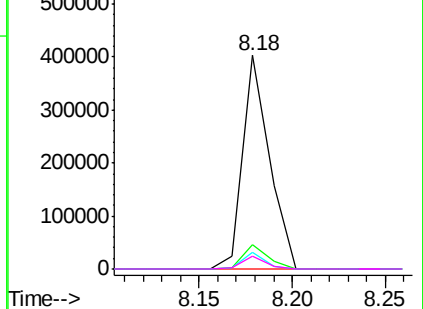


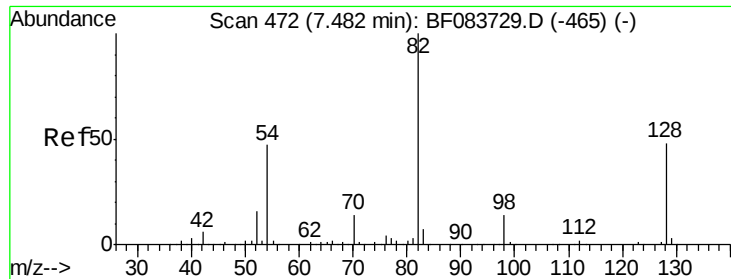
Abundance Ion 136.00 (135.70 to 136.70): E

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

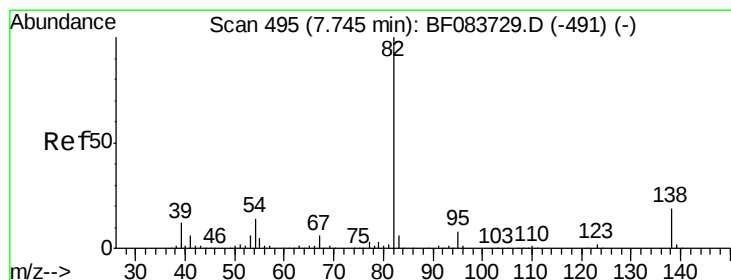
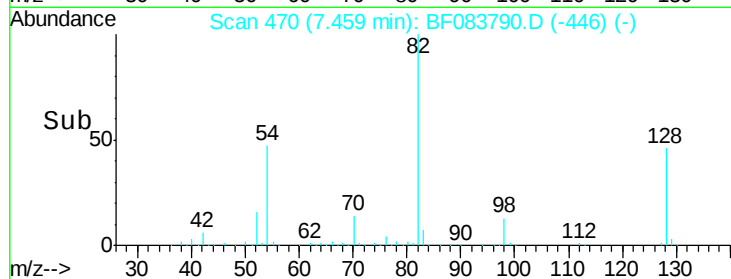
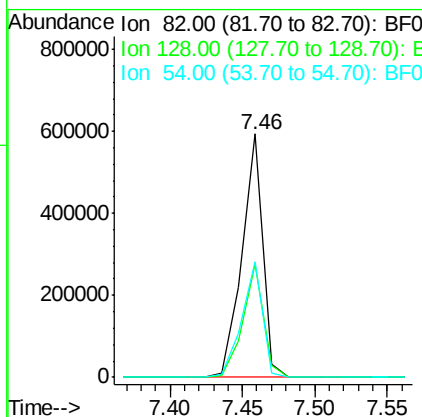
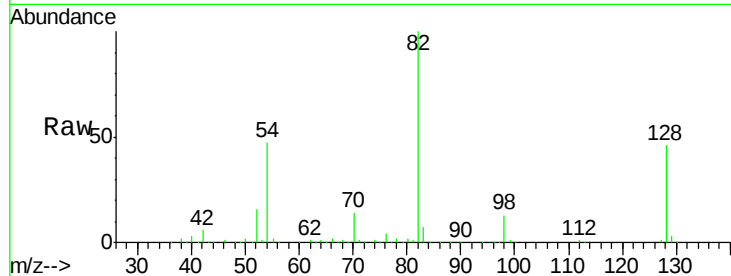




#23
 Nitrobenzene-d5
 Concen: 81.97 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

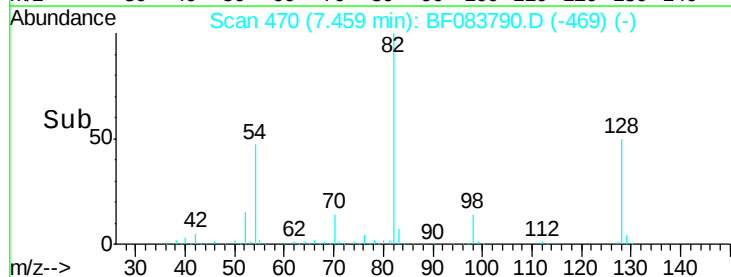
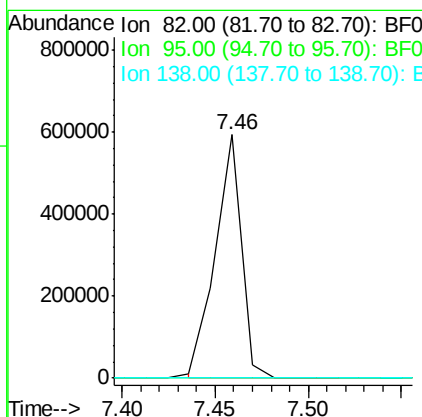
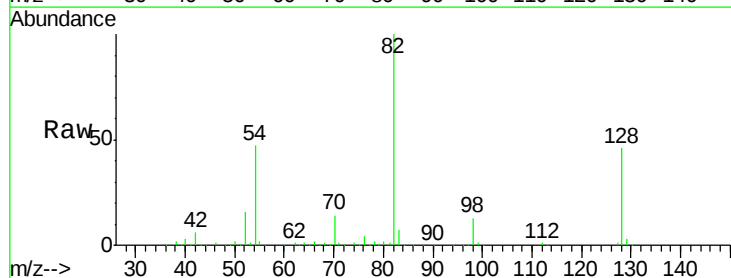
Instrument :
 BNA_F
 ClientSampleId :
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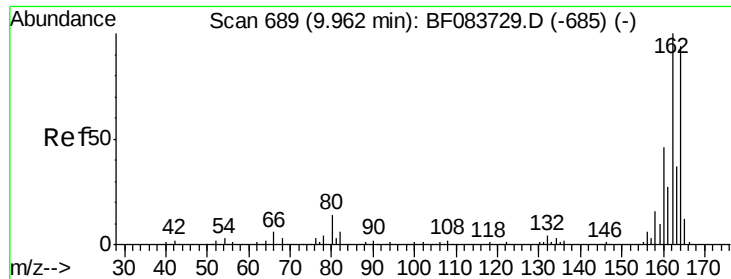
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	30.7	46.1#
54	47.2	42.5	63.7



#25
 Isophorone
 Concen: 41.30 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#

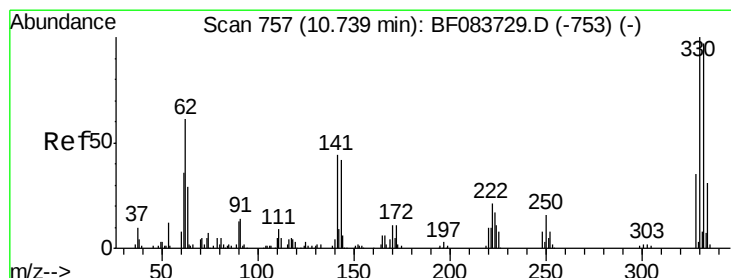
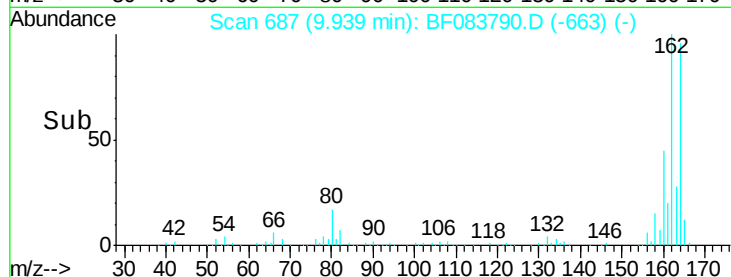
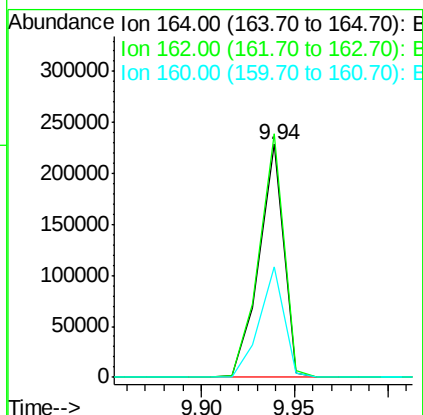
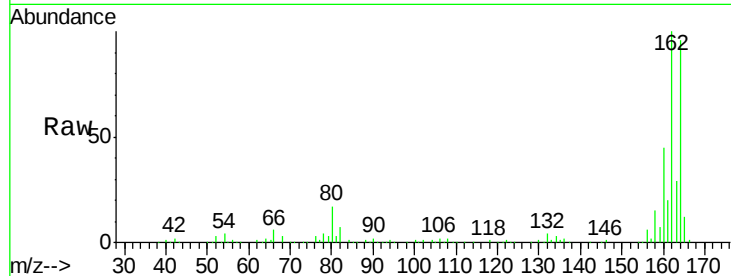




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

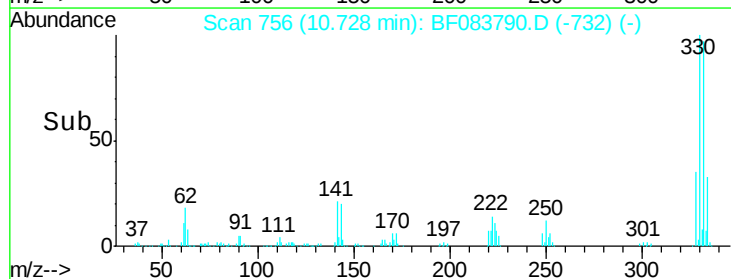
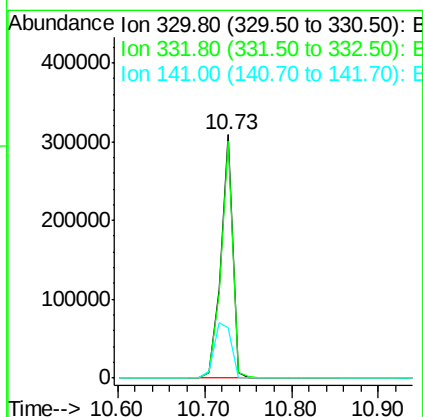
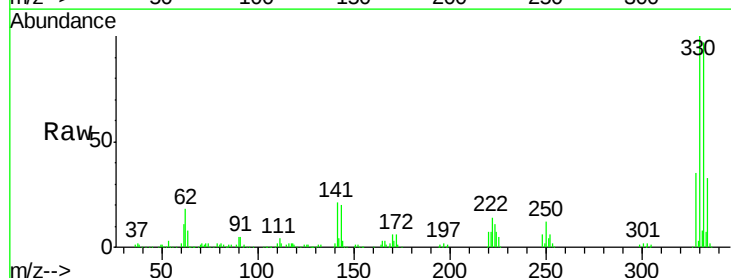
Instrument :
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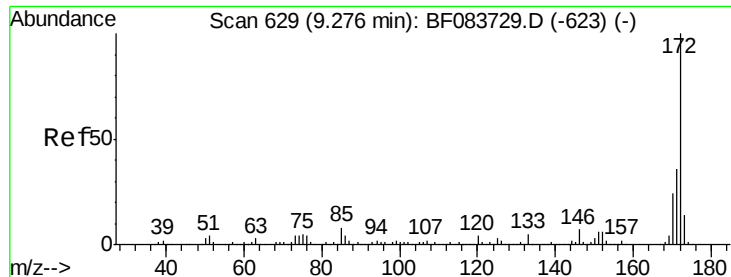
Tgt Ion:164 Resp: 207872
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 47.4 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 142.47 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Tgt Ion:330 Resp: 301768
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 33.0 0.0 0.0#

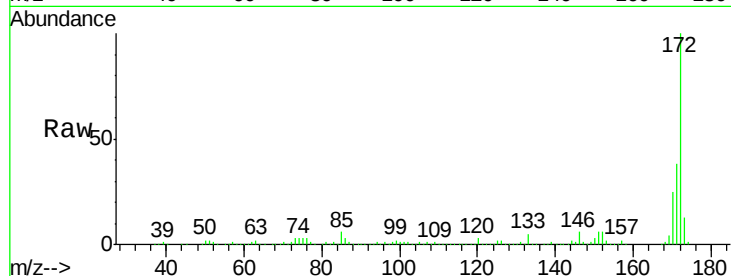




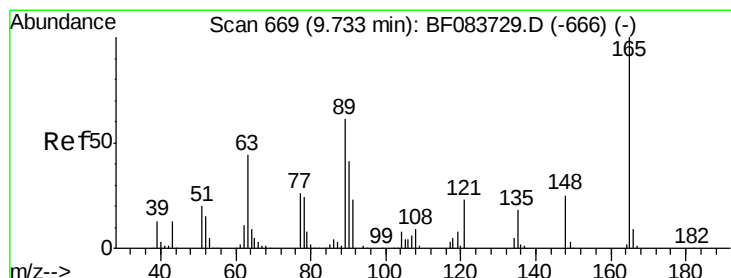
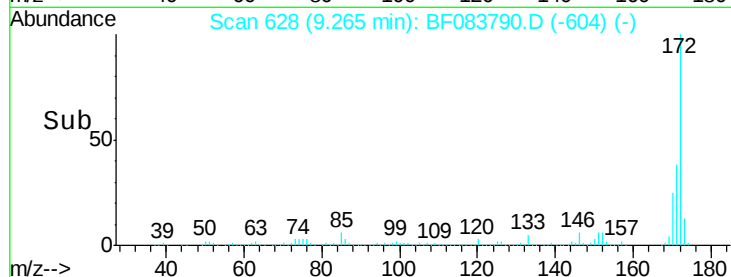
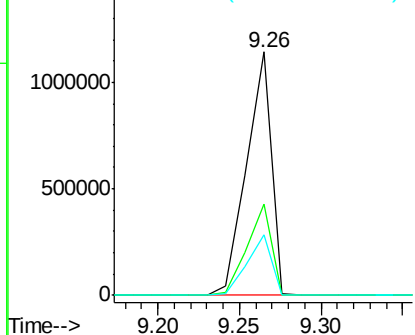
#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tgt Ion:172 Resp: 1206597
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 42.8
 170 25.0 19.4 29.0

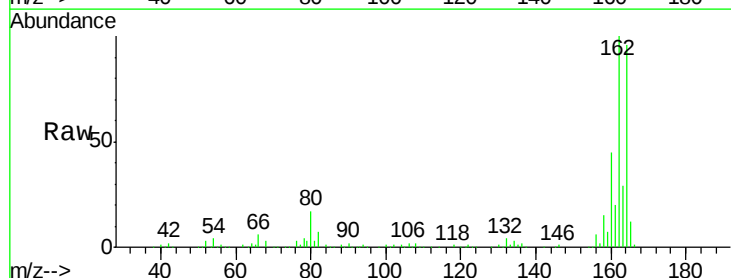


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

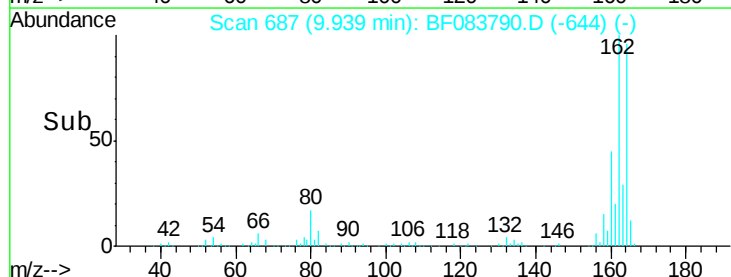
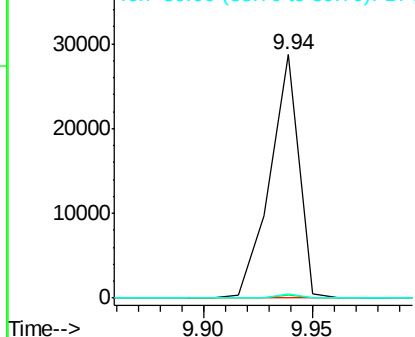


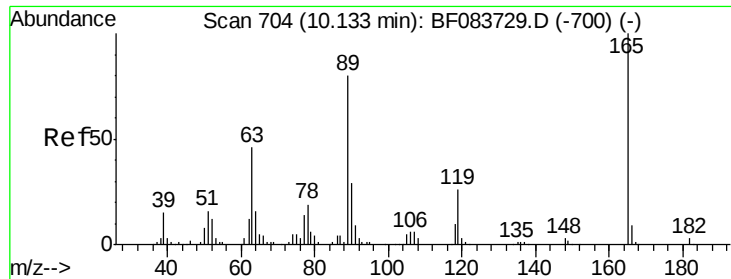
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Tgt Ion:165 Resp: 26932
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.7 52.1 78.1#



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

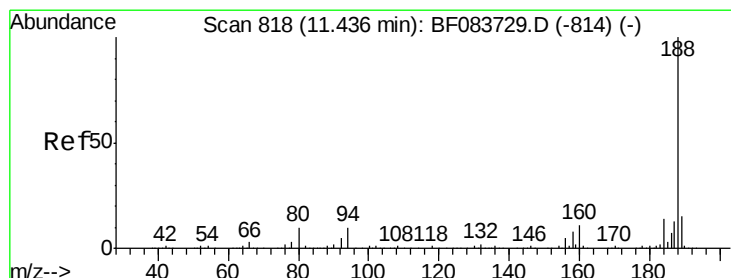
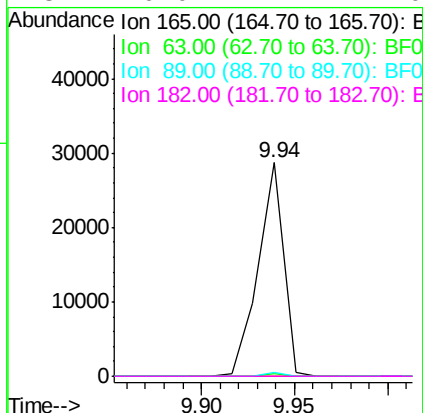
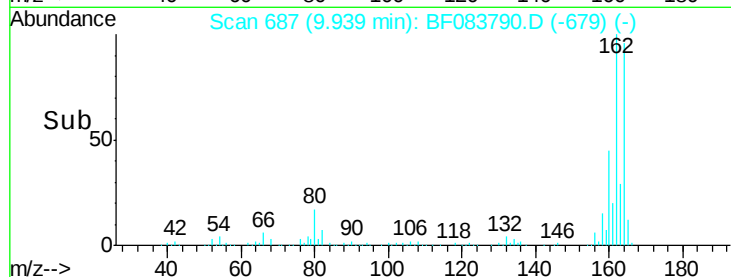
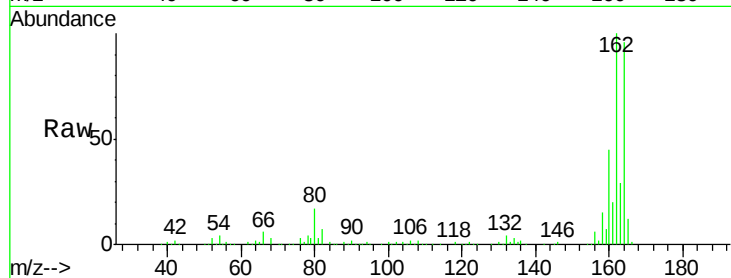




#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083790.D
Acq: 15 Dec 2015 1:12

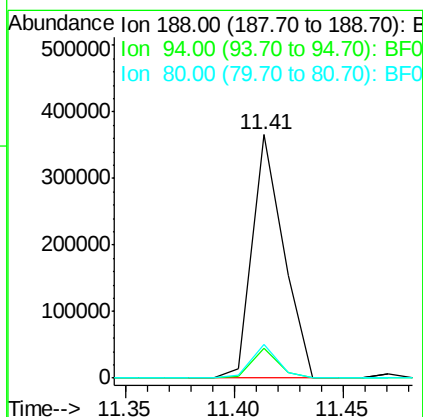
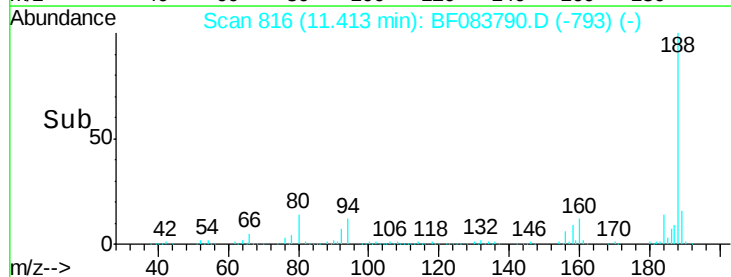
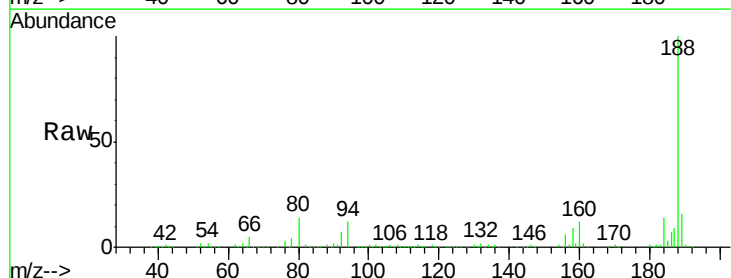
Instrument :
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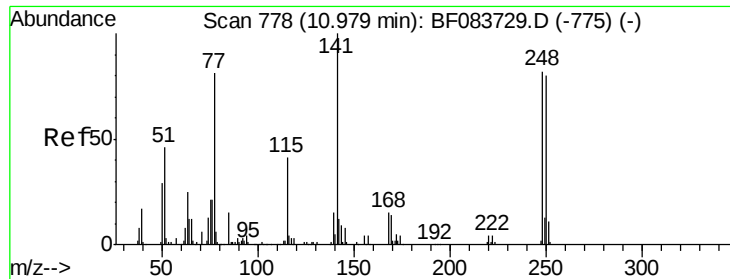
Tgt Ion:165 Resp: 26933
Ion Ratio Lower Upper
165 100
63 1.2 51.4 77.2#
89 1.7 72.6 108.8#
182 0.0 1.4 2.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083790.D
Acq: 15 Dec 2015 1:12

Tgt Ion:188 Resp: 368530
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.7 10.6 16.0

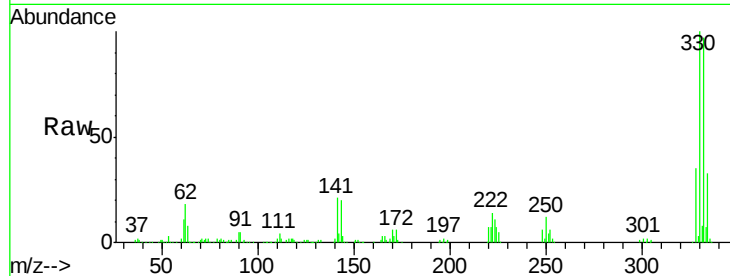




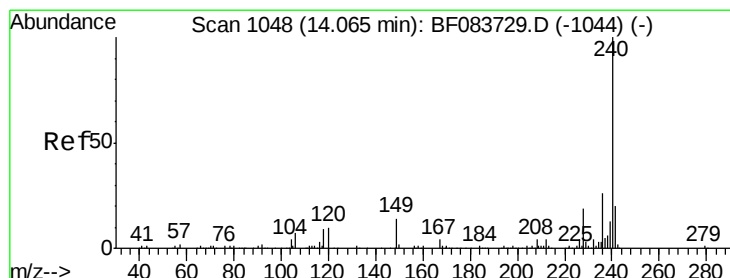
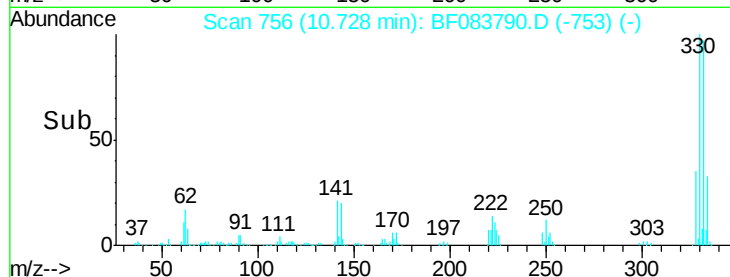
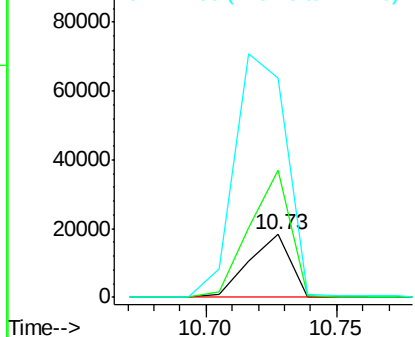
#66
 4-Bromophenyl-phenylether
 Concen: 4.98 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tgt Ion:248 Resp: 20527
 Ion Ratio Lower Upper
 248 100
 250 202.8 79.2 118.8#
 141 348.8 58.2 87.4#

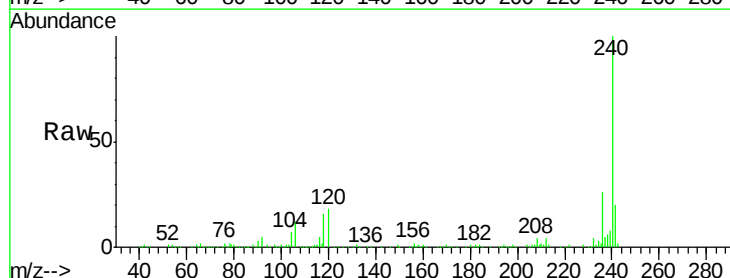


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

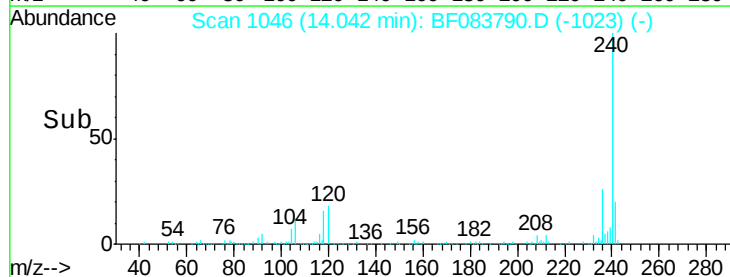
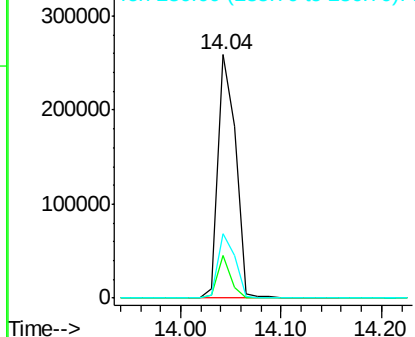


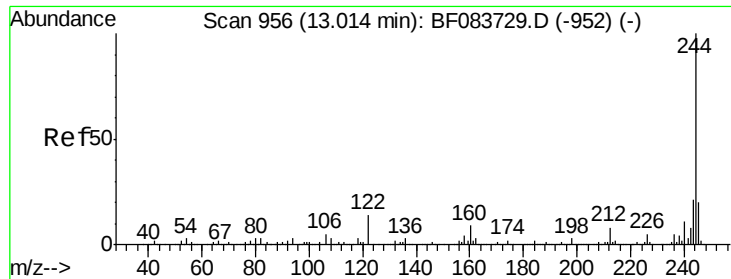
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Tgt Ion:240 Resp: 316319
 Ion Ratio Lower Upper
 240 100
 120 17.6 8.1 12.1#
 236 26.4 20.8 31.2



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

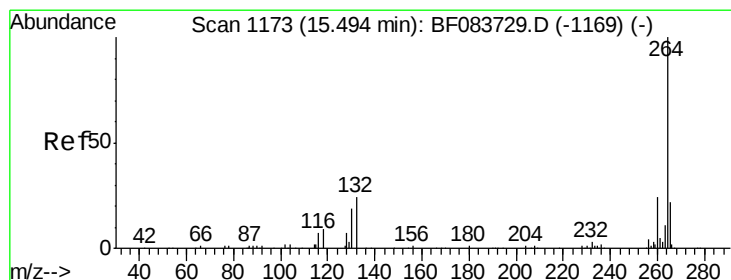
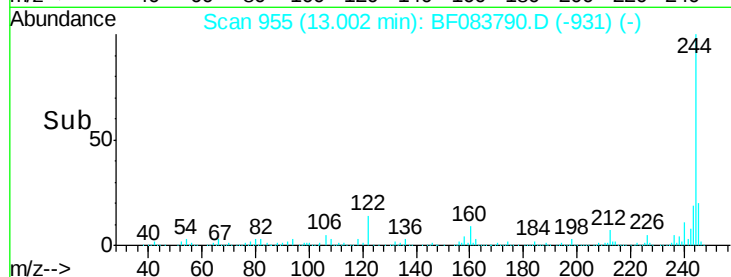
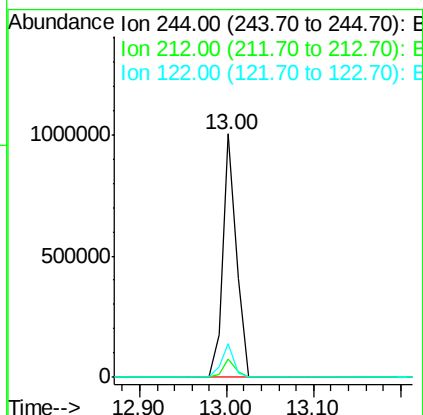
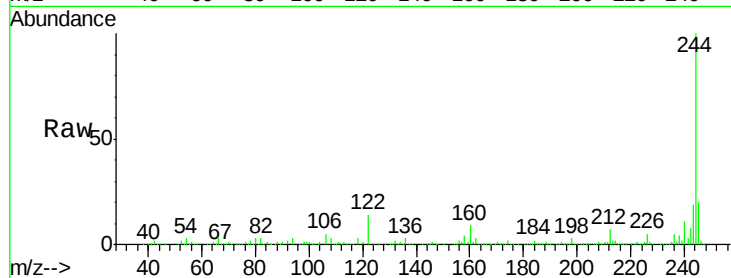




#78
 Terphenyl-d14
 Concen: 74.60 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tgt Ion:244 Resp: 1097054
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.7 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083790.D
 Acq: 15 Dec 2015 1:12

Tgt Ion:264 Resp: 245704
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 21.4 17.8 26.6

