

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089516.D
 Acq On : 1 Aug 2016 17:56
 Operator : UM/SJ
 Sample : H4285-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

Quant Time: Aug 02 01:47:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

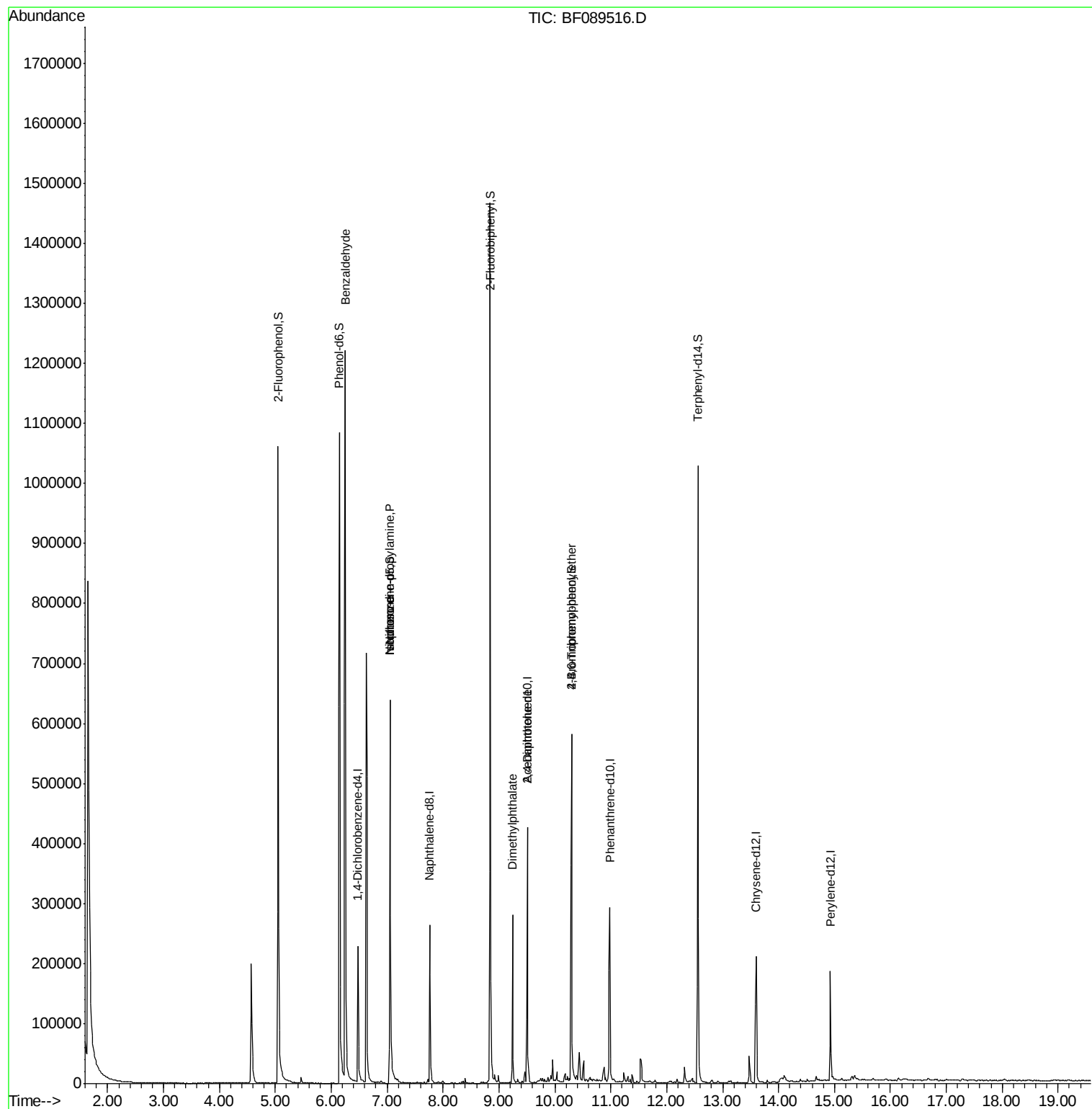
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	43906	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	179317	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	85842	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	155217	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	93389	20.00	ng	-0.07
86) Perylene-d12	14.93	264	79922	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	375230	136.46	ng	-0.06
7) Phenol-d6	6.15	99	528946	145.56	ng	-0.06
23) Nitrobenzene-d5	7.05	82	292981	96.44	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	80883	113.77	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	481010	82.23	ng	-0.07
78) Terphenyl-d14	12.56	244	331523	83.08	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.25	77	9868	5.56	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.05	70	38282	17.47	ng	# 84
25) Isophorone	7.05	82	269224	43.99	ng	# 67
49) Dimethylphthalate	9.24	163	108544	16.61	ng	99
56) 2,4-Dinitrotoluene	9.51	165	10622	6.01	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5877	3.97	ng	# 1

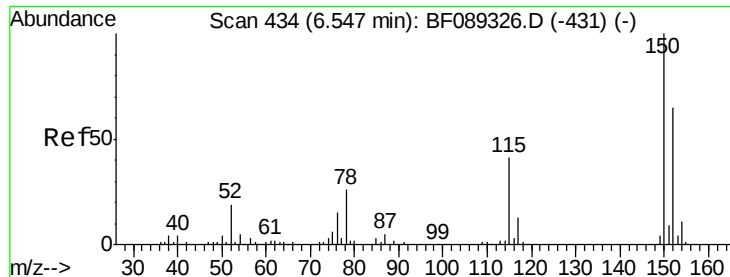
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)S

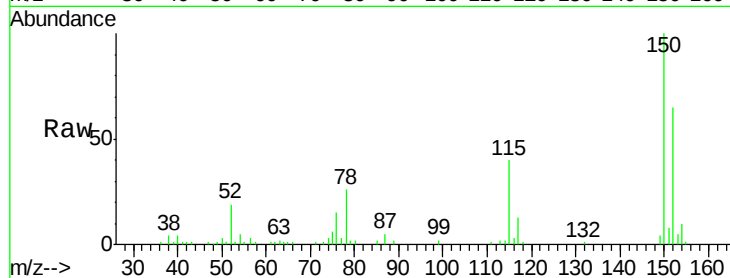
Tgt Ion:152 Resp: 43906

Ion Ratio Lower Upper

152 100

150 154.2 129.5 194.3

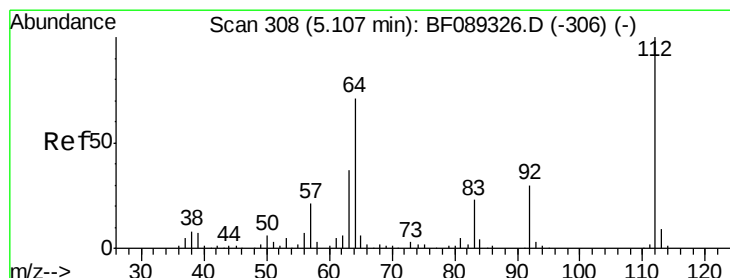
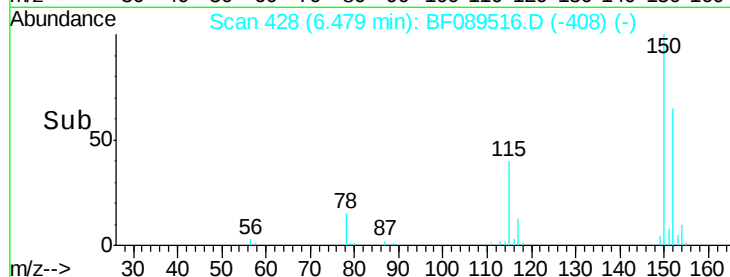
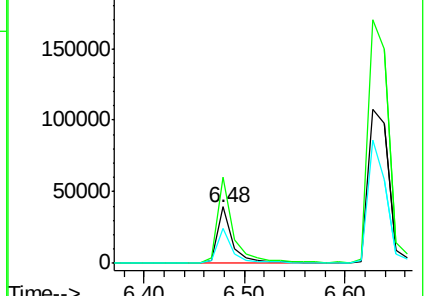
115 62.3 51.4 77.2



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: 136.46 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

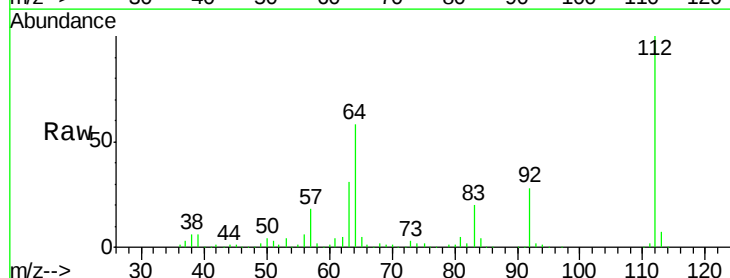
Tgt Ion:112 Resp: 375230

Ion Ratio Lower Upper

112 100

64 57.9 55.0 82.6

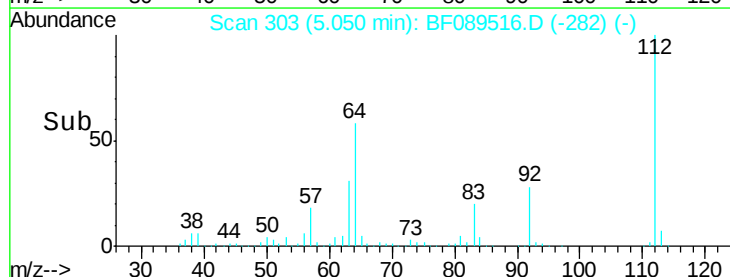
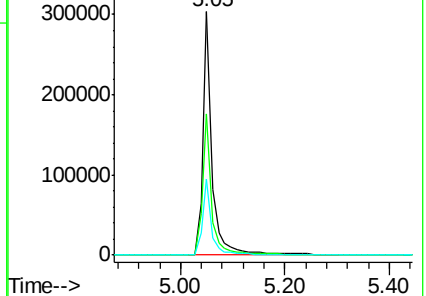
63 30.9 29.4 44.2



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: 145.56 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)S

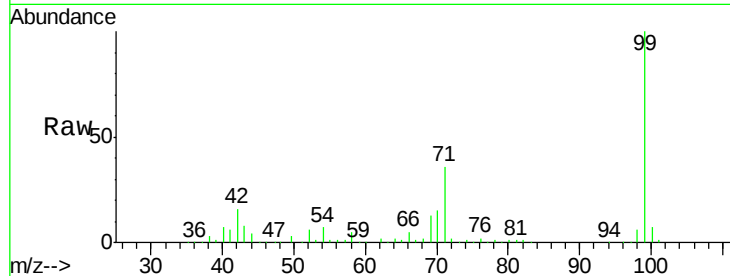
Tgt Ion: 99 Resp: 528946

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

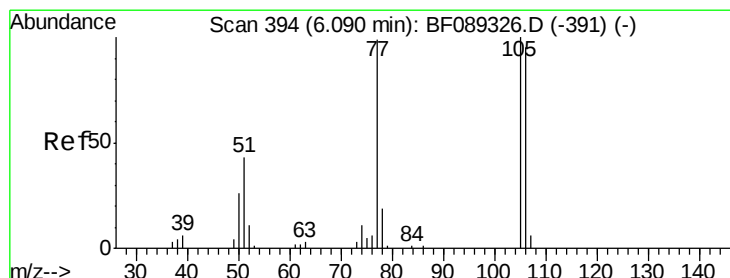
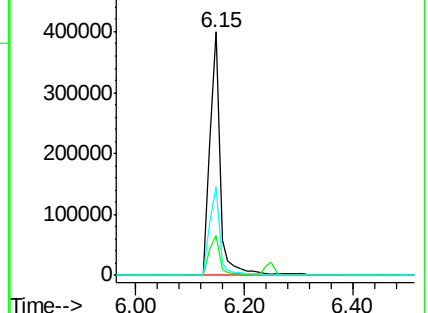
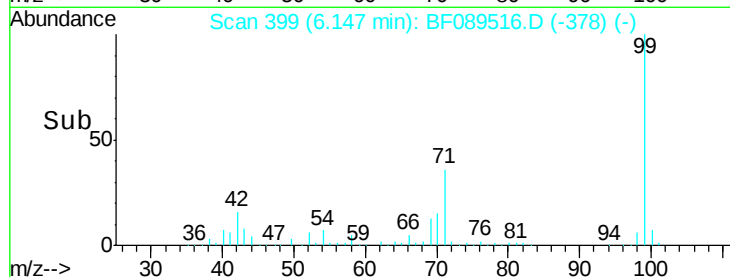
71 36.3 29.4 44.2



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: 5.56 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.16 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

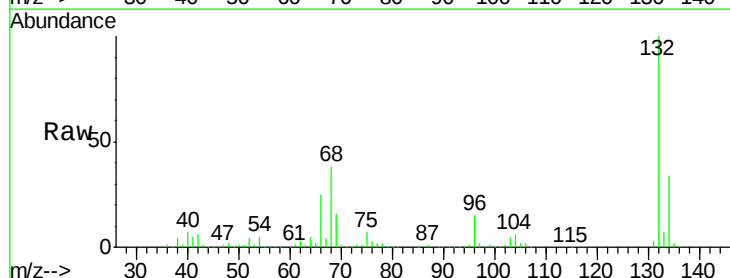
Tgt Ion: 77 Resp: 9868

Ion Ratio Lower Upper

77 100

105 83.2 82.9 122.9

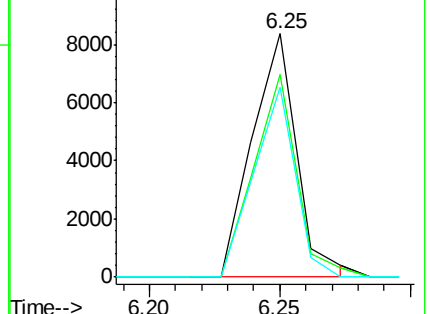
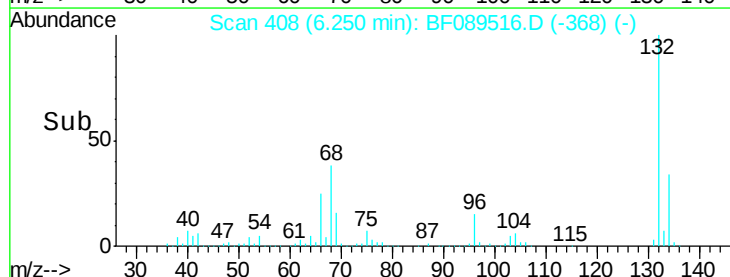
106 78.2 75.9 115.9

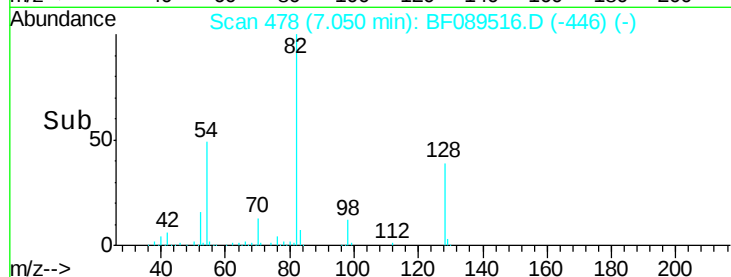
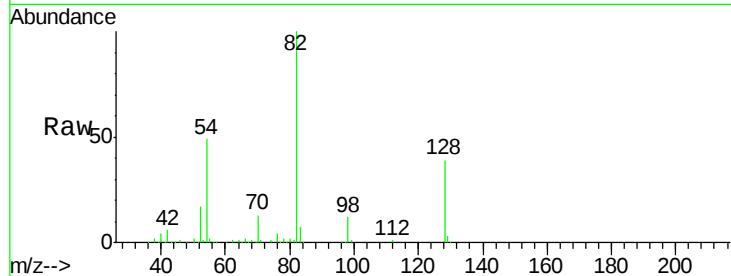
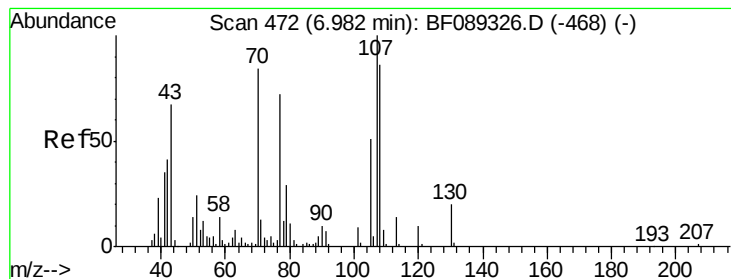


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.47 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)S

Tgt Ion: 70 Resp: 38282

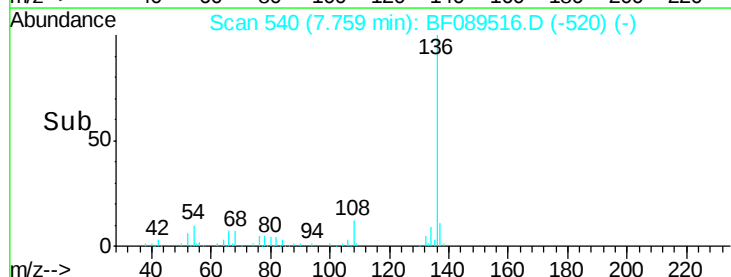
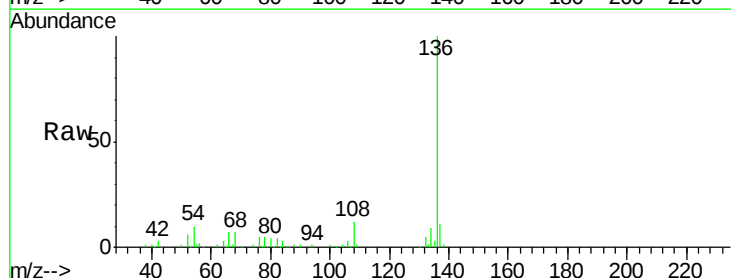
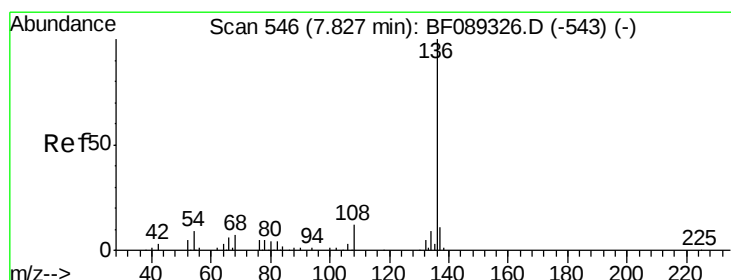
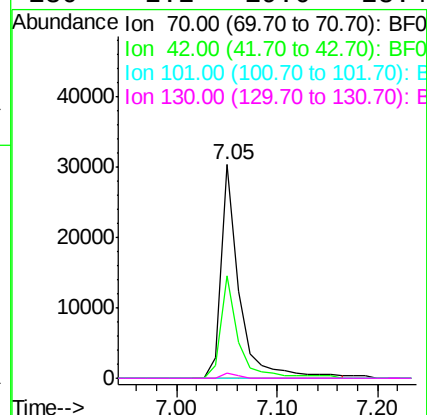
Ion Ratio Lower Upper

70 100

42 47.9 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089516.D

Acq: 1 Aug 2016 17:56

Tgt Ion: 136 Resp: 179317

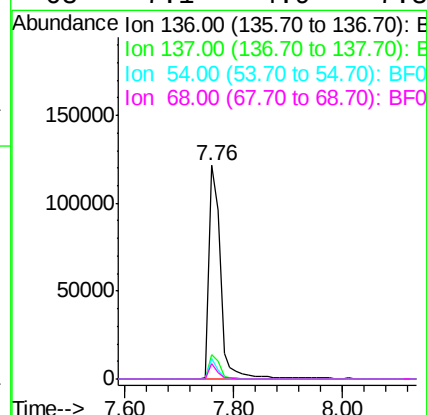
Ion Ratio Lower Upper

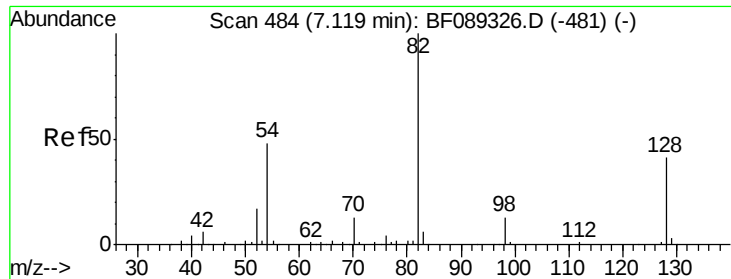
136 100

137 11.1 8.6 13.0

54 9.6 7.0 10.4

68 7.1 4.9 7.3

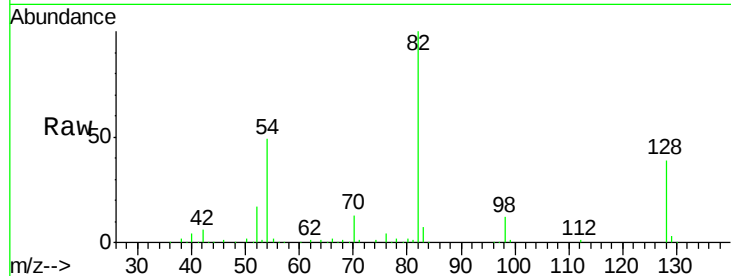




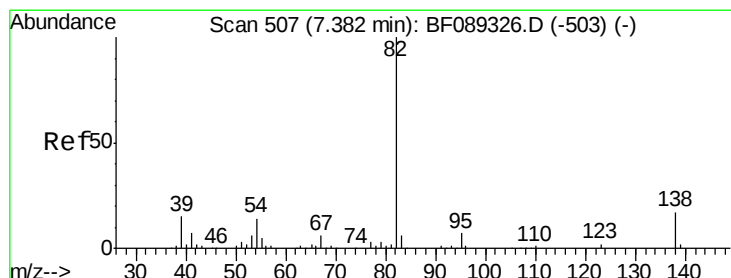
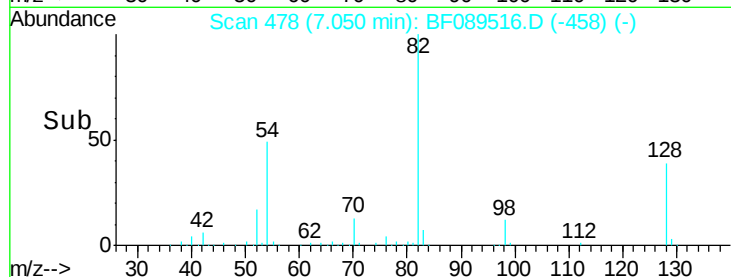
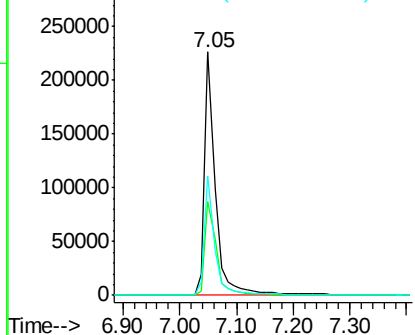
#23
 Nitrobenzene-d5
 Concen: 96.44 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.5	48.7
54	49.3	38.8	58.2

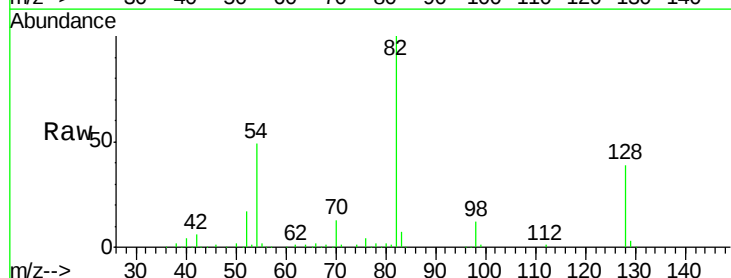


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

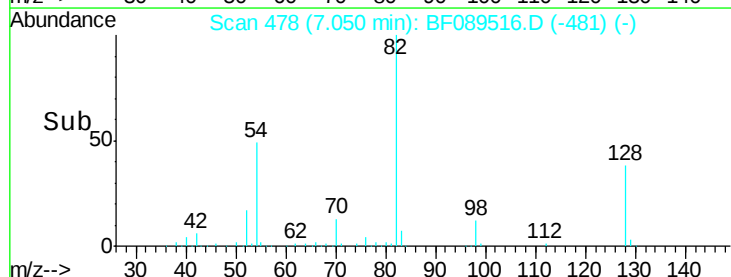
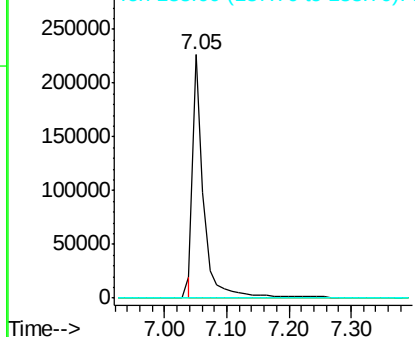


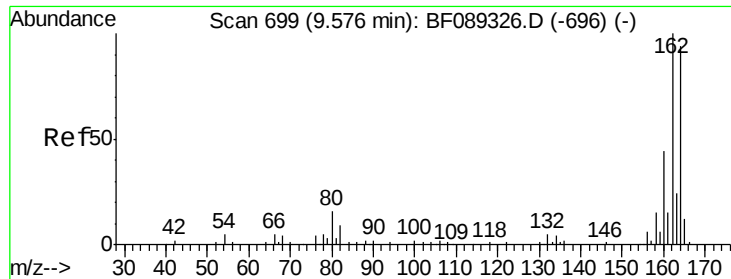
#25
 Isophorone
 Concen: 43.99 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.33 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

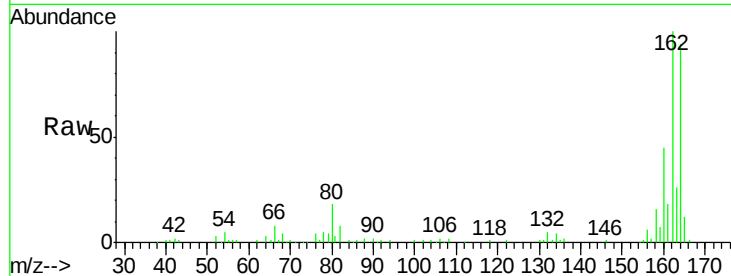




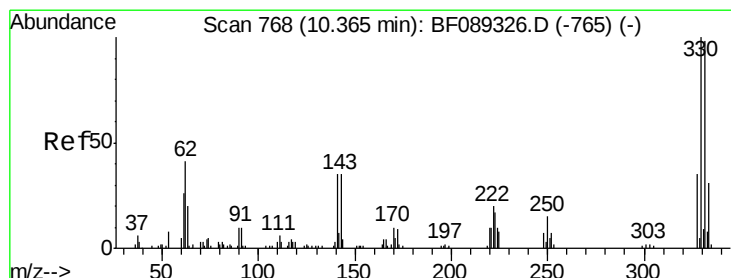
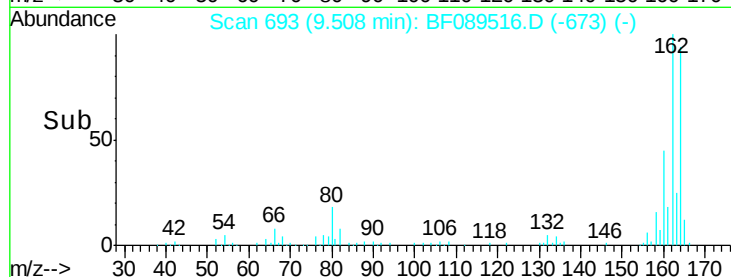
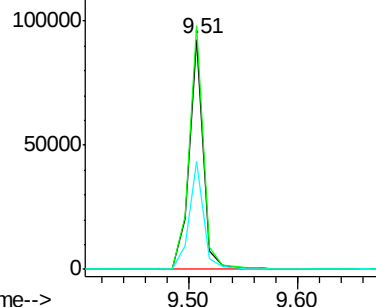
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

Tgt Ion:164 Resp: 85842
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.7 125.5
 160 47.1 37.8 56.6

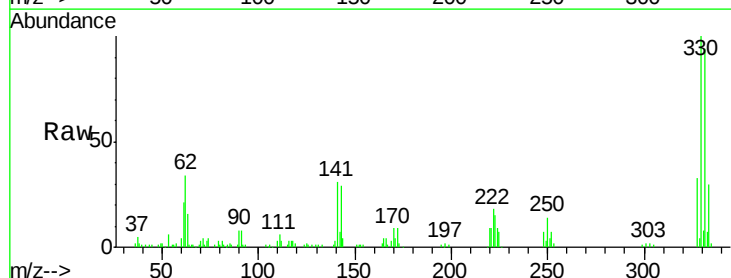


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

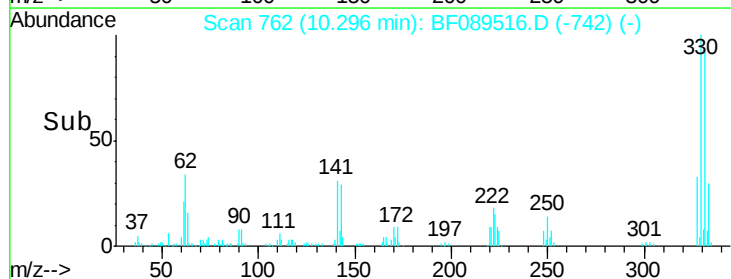
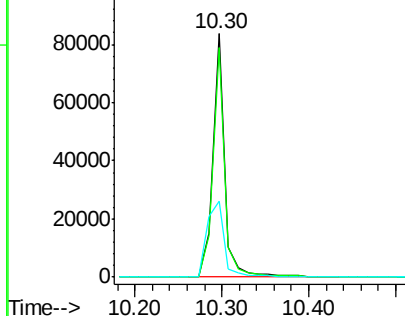


#41
 2,4,6-Tribromophenol
 Concen: 113.77 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Tgt Ion:330 Resp: 80883
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 44.4 37.3 55.9



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

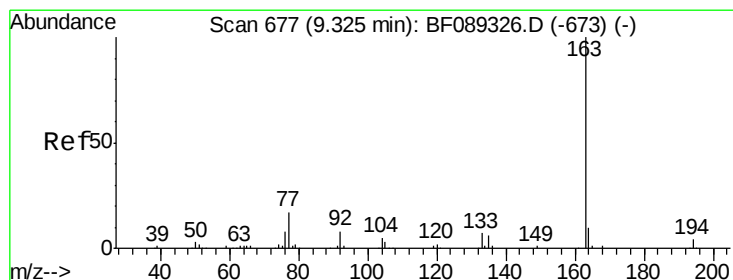
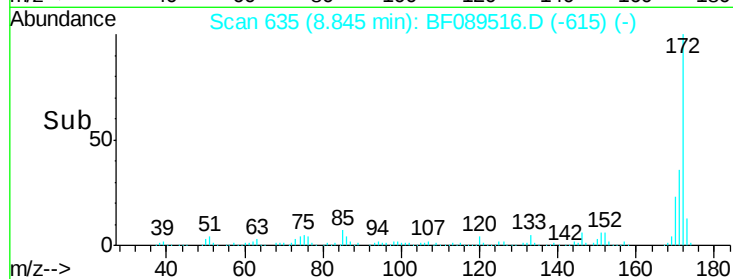
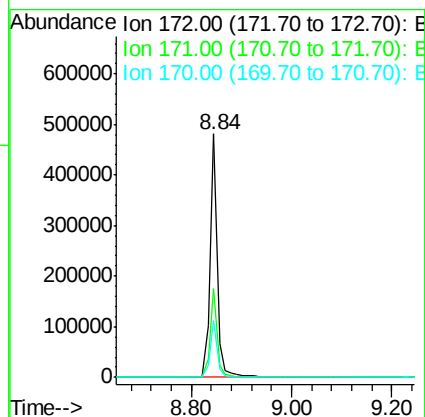
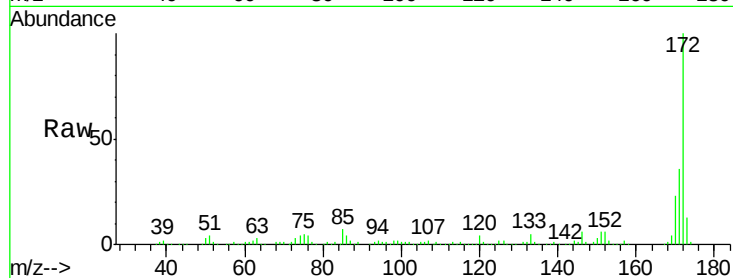




#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

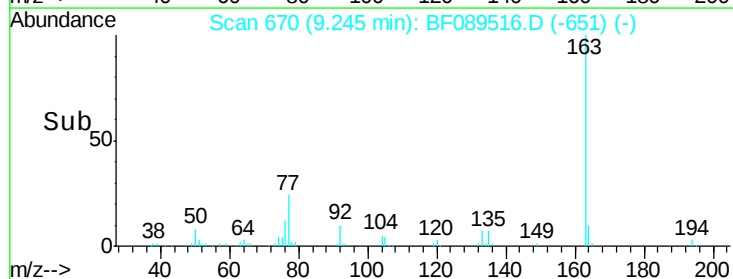
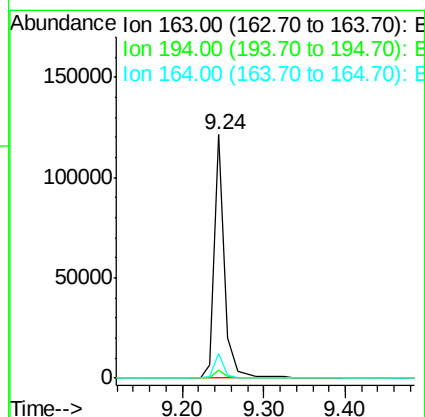
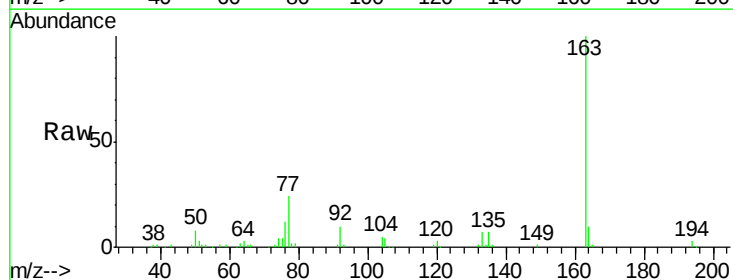
Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

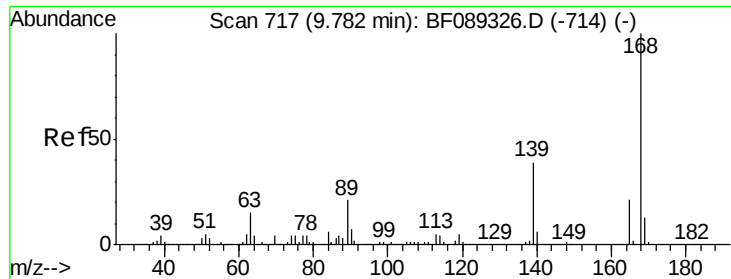
Tgt Ion:172 Resp: 481010
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.4 19.2 28.8



#49
 Dimethylphthalate
 Concen: 16.61 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.08 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Tgt Ion:163 Resp: 108544
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.1 7.8 11.8

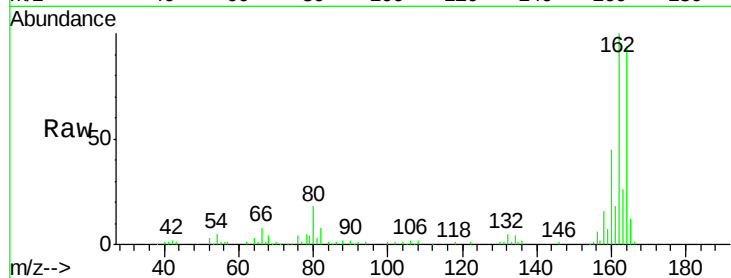




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

Tgt Ion:	165	Resp:	10622
Ion Ratio	Lower	Upper	
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

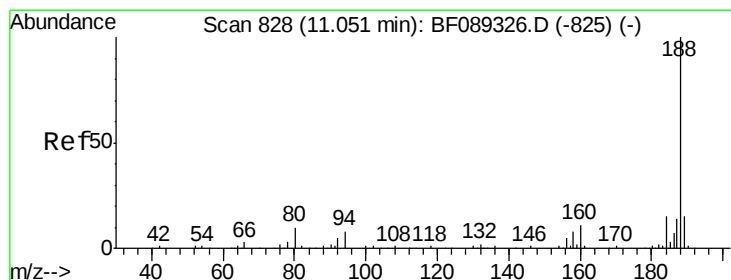
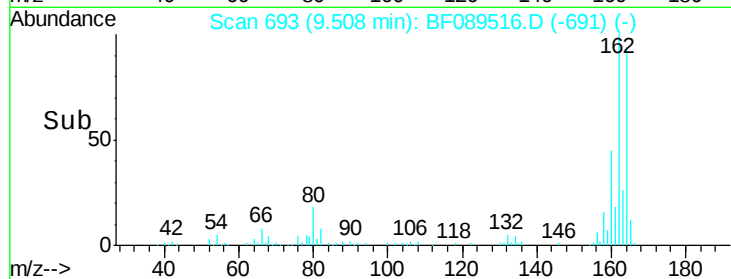
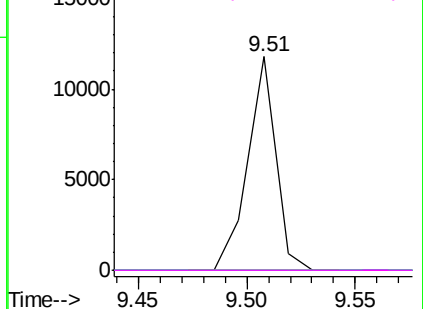


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

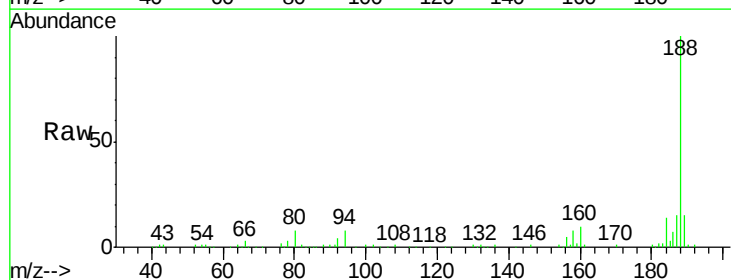
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

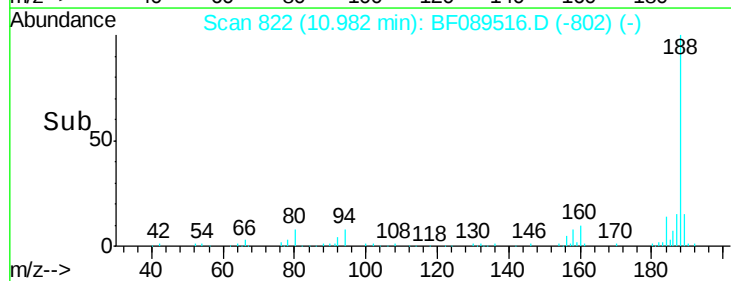
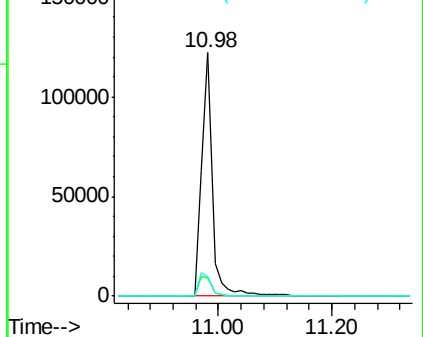
Tgt Ion:	188	Resp:	155217
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.5	9.7
80	8.1	7.2	10.8

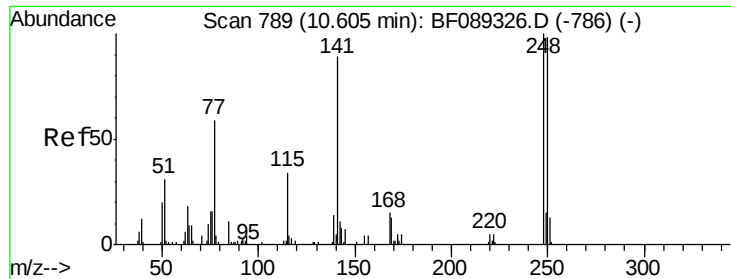


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

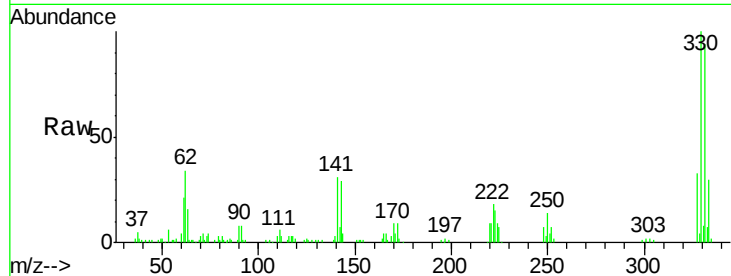




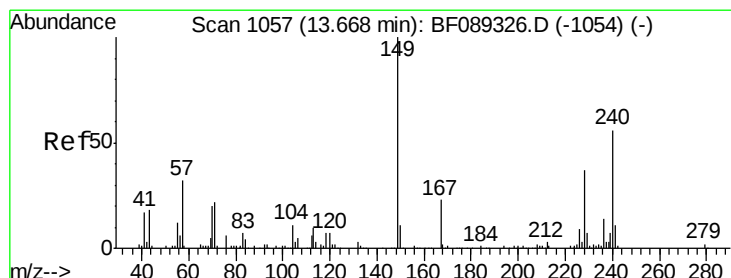
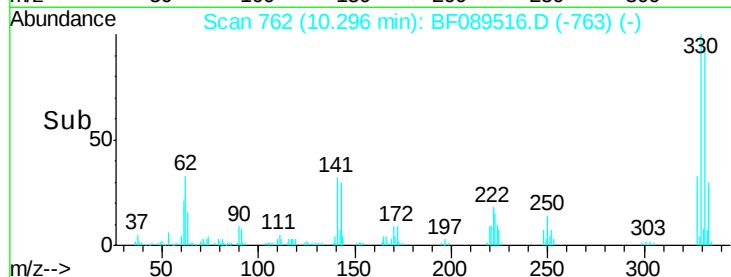
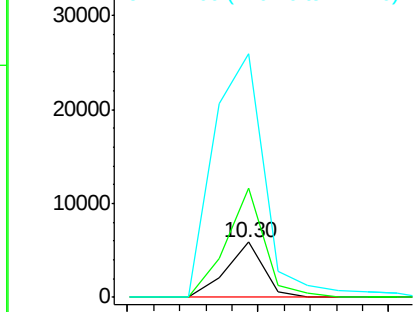
#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089516.D
Acq: 1 Aug 2016 17:56

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)S

Tgt Ion:248 Resp: 5877
Ion Ratio Lower Upper
248 100
250 199.0 78.2 117.2#
141 443.9 62.0 93.0#

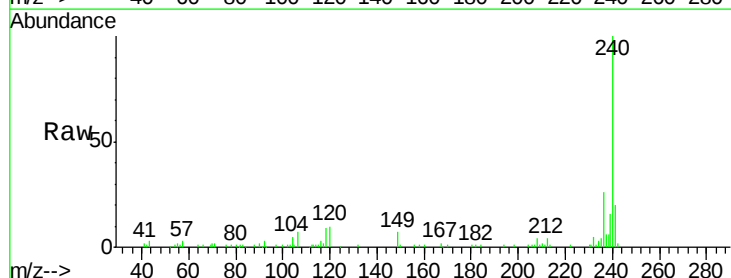


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

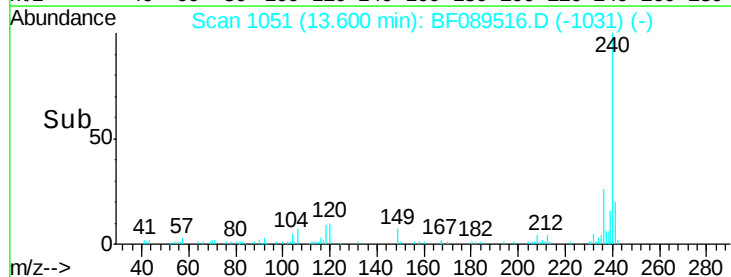
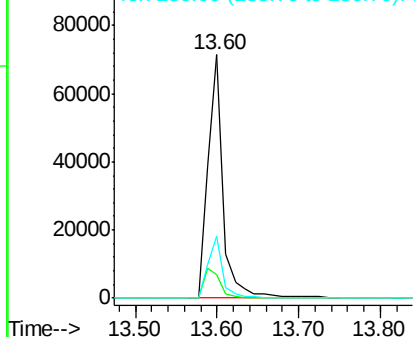


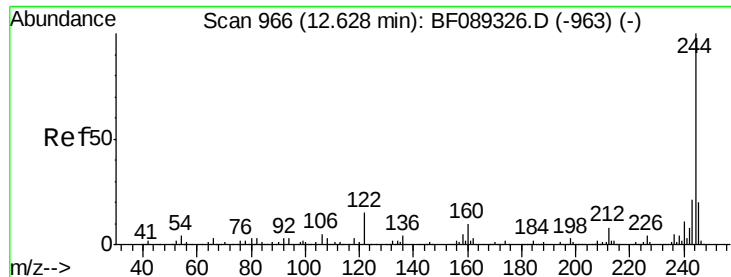
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089516.D
Acq: 1 Aug 2016 17:56

Tgt Ion:240 Resp: 93389
Ion Ratio Lower Upper
240 100
120 9.8 9.1 13.7
236 25.6 20.6 30.8



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

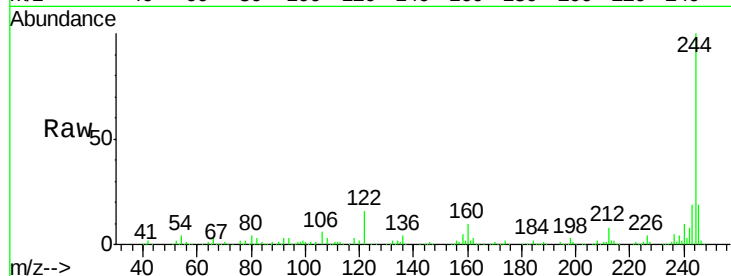




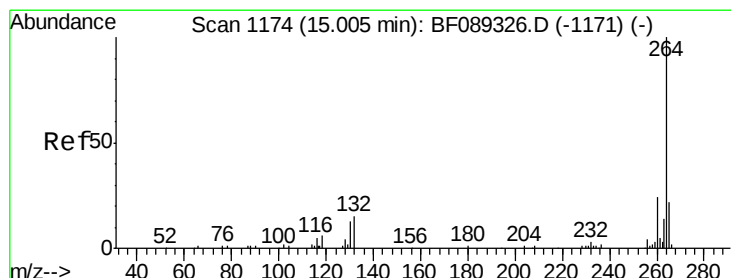
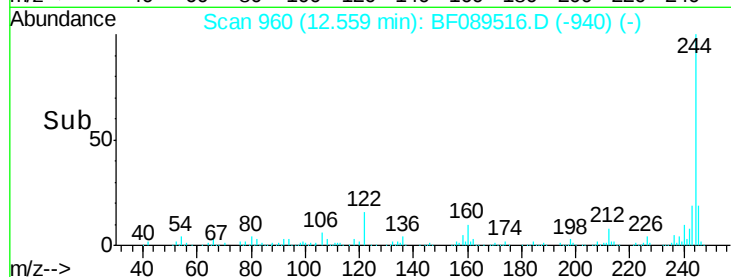
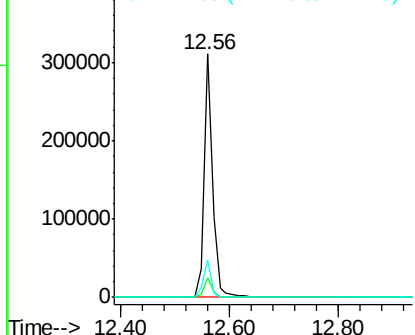
#78
 Terphenyl-d14
 Concen: 83.08 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)S

Tgt Ion:244 Resp: 331523
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 15.5 11.4 17.0

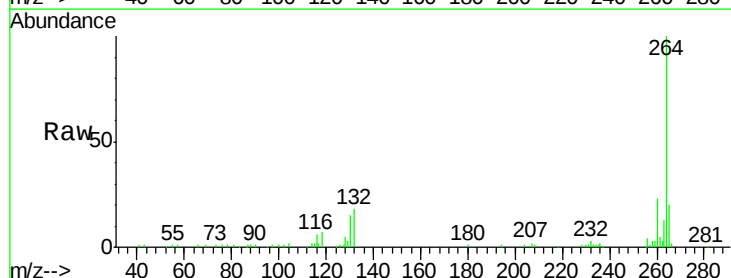


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089516.D
 Acq: 1 Aug 2016 17:56

Tgt Ion:264 Resp: 79922
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 20.4 17.5 26.3



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

