

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089517.D
 Acq On : 1 Aug 2016 18:26
 Operator : UM/SJ
 Sample : H4285-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 02 01:47:24 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

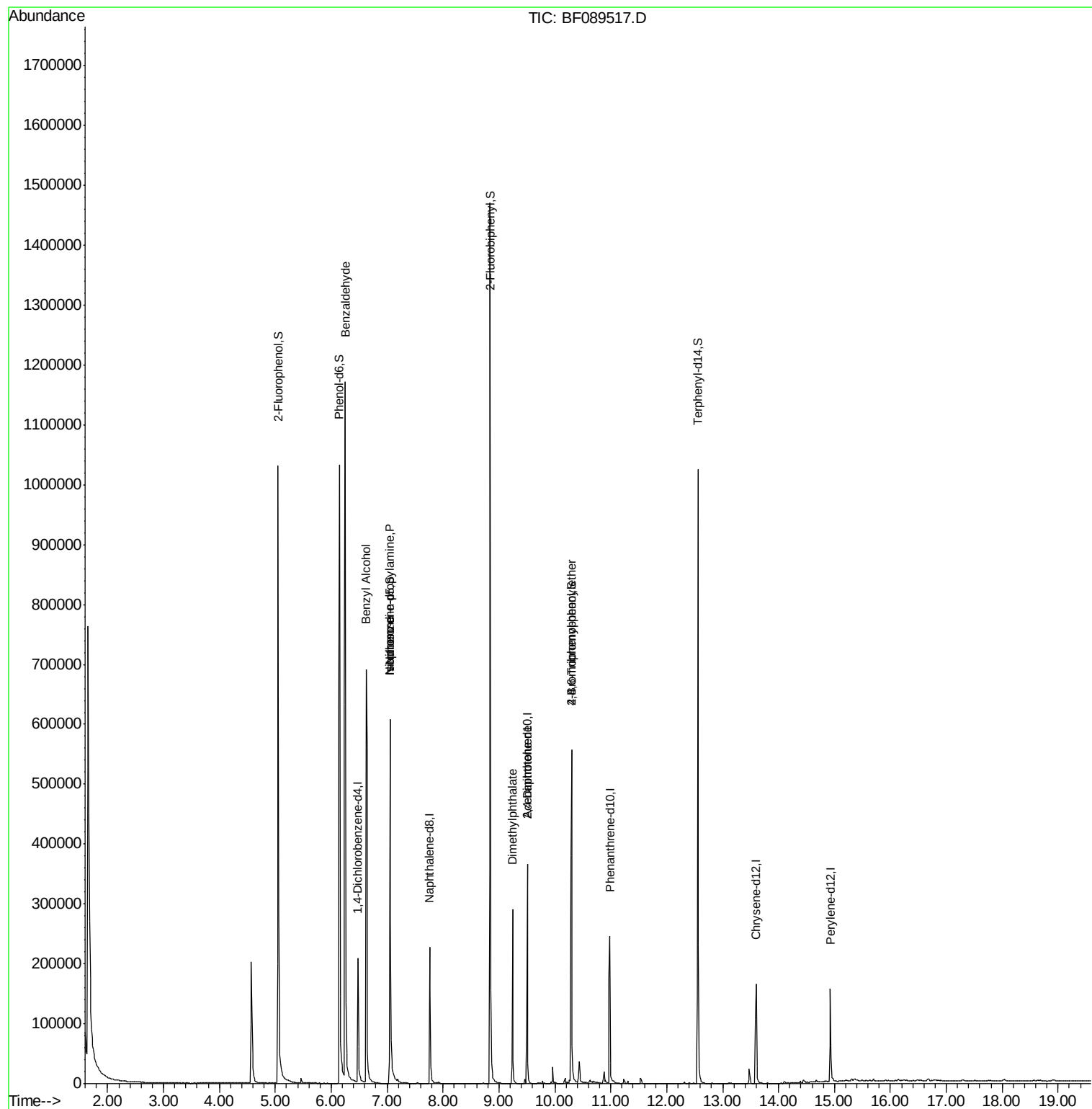
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	40240	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	162018	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	77967	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	140709	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	82038	20.00	ng	-0.07
86) Perylene-d12	14.93	264	70058	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	357271	141.76	ng	-0.06
7) Phenol-d6	6.15	99	517943	155.51	ng	-0.06
23) Nitrobenzene-d5	7.05	82	283629	103.33	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	80236	124.26	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	482952	90.91	ng	-0.07
78) Terphenyl-d14	12.56	244	322405	91.98	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.25	77	9477	5.83	ng	Qvalue 81
15) Benzyl Alcohol	6.63	79	4431	2.14	ng	# 52
19) n-Nitroso-di-n-propylamine	7.05	70	36715	18.28	ng	# 82
25) Isophorone	7.05	82	264442	47.83	ng	# 67
49) Dimethylphthalate	9.24	163	117434	19.79	ng	99
56) 2,4-Dinitrotoluene	9.51	165	9481	5.91	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	6033	4.49	ng	# 1

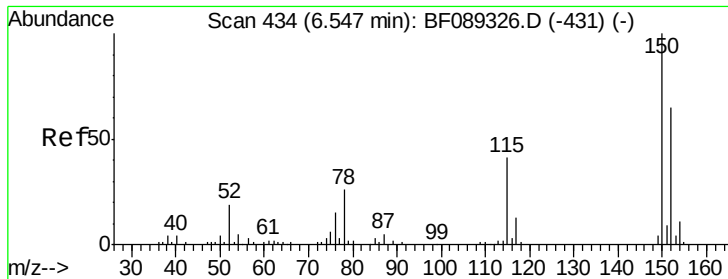
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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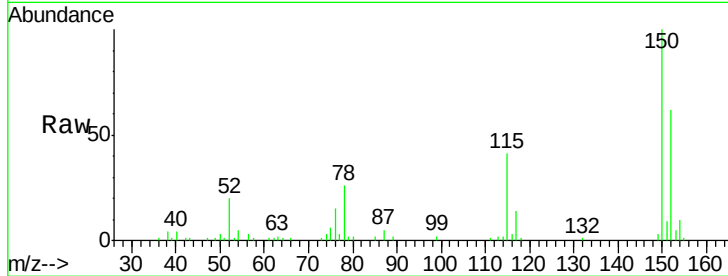


#1

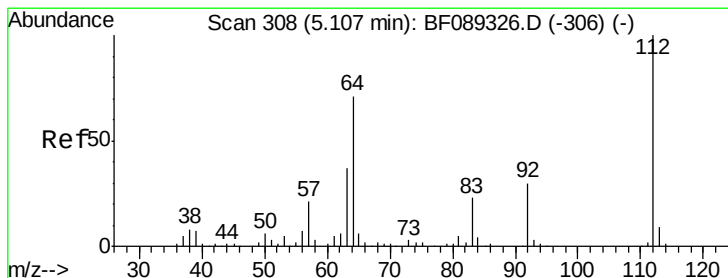
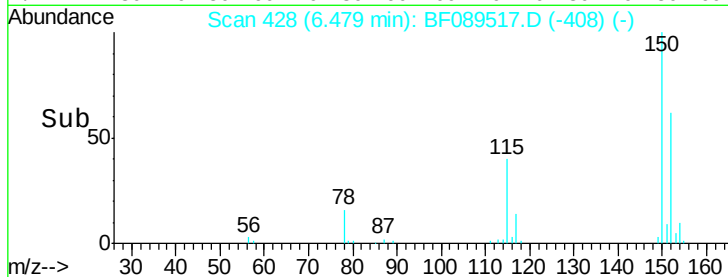
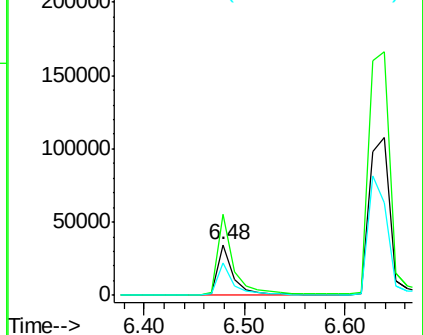
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

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

Tgt Ion:152 Resp: 40240
Ion Ratio Lower Upper
152 100
150 160.5 129.5 194.3
115 65.2 51.4 77.2



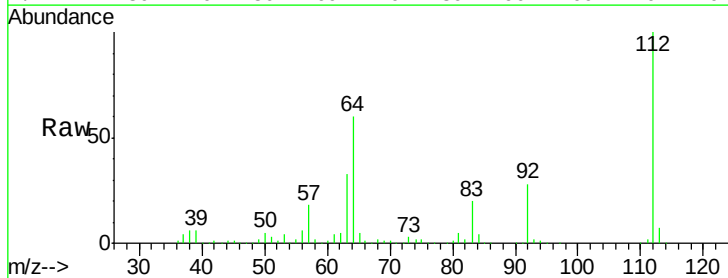
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



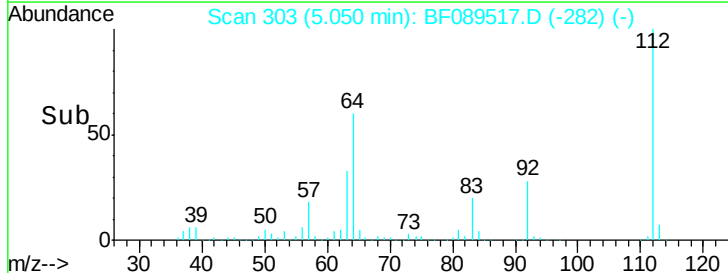
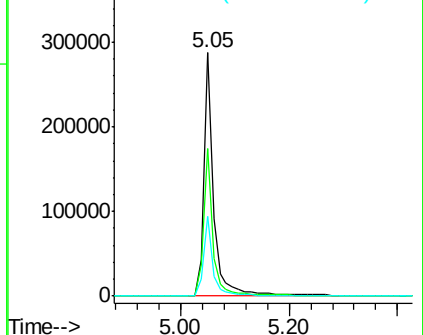
#5

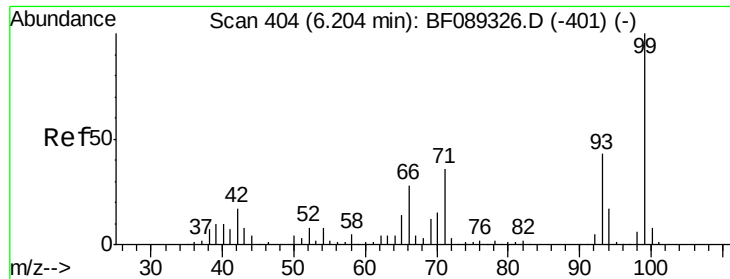
2-Fluorophenol
Concen: 141.76 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.06 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

Tgt Ion:112 Resp: 357271
Ion Ratio Lower Upper
112 100
64 60.4 55.0 82.6
63 32.6 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: 155.51 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

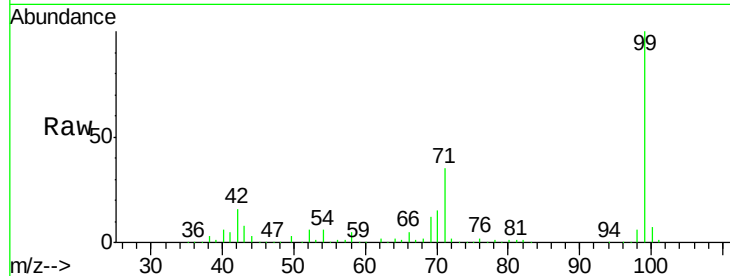
Tgt Ion: 99 Resp: 517943

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

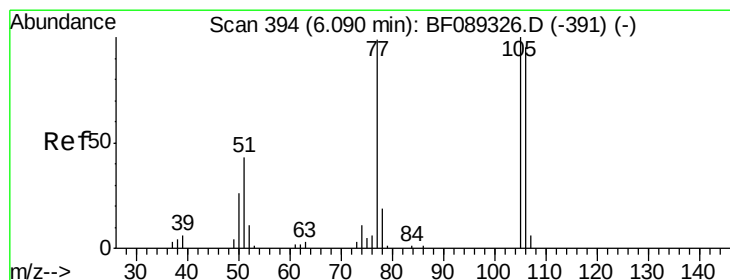
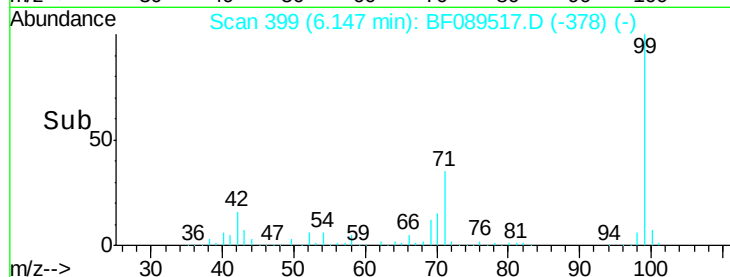
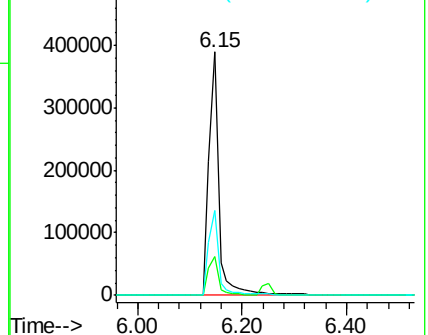
71 35.1 29.4 44.2



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: 5.83 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.16 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

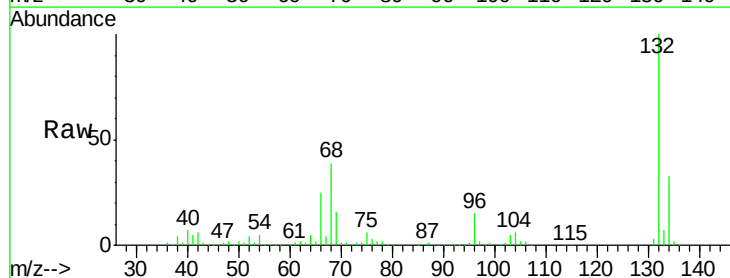
Tgt Ion: 77 Resp: 9477

Ion Ratio Lower Upper

77 100

105 83.5 82.9 122.9

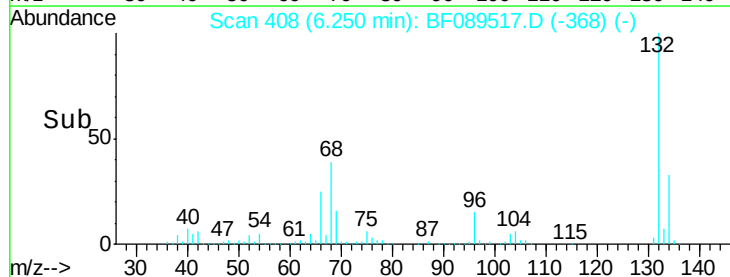
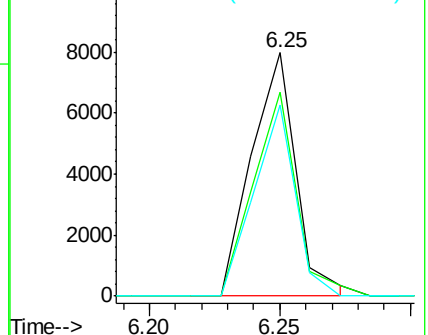
106 78.4 75.9 115.9

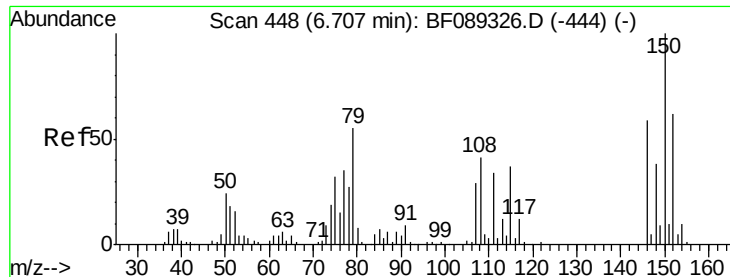


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

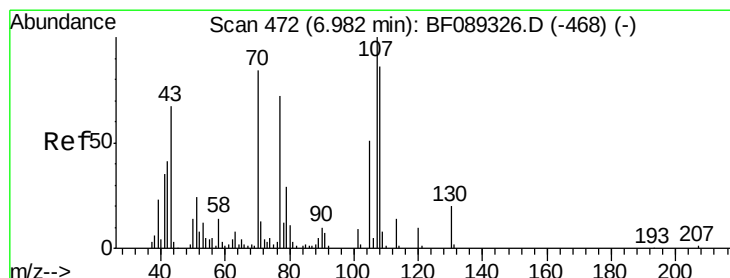
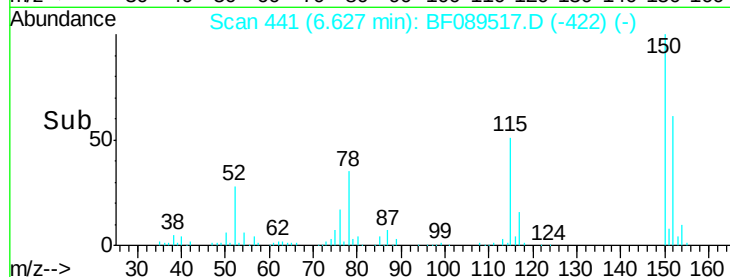
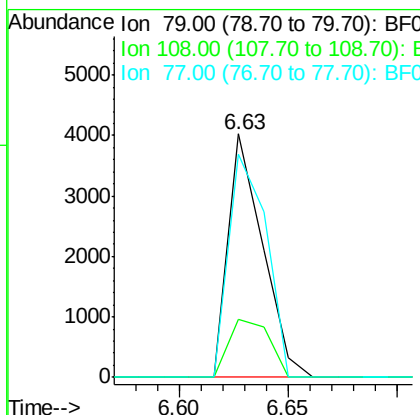
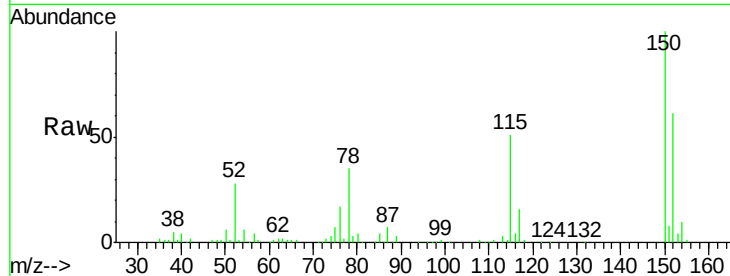




#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

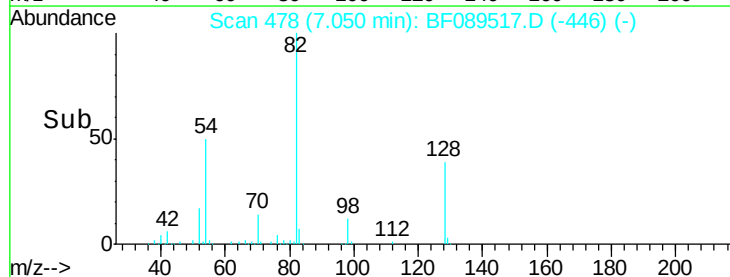
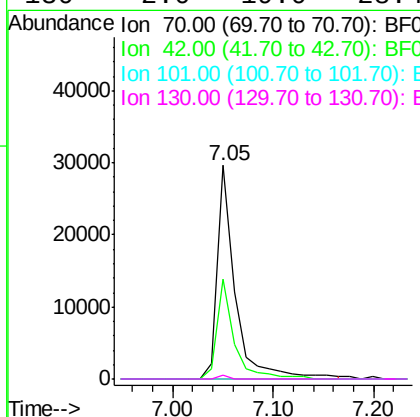
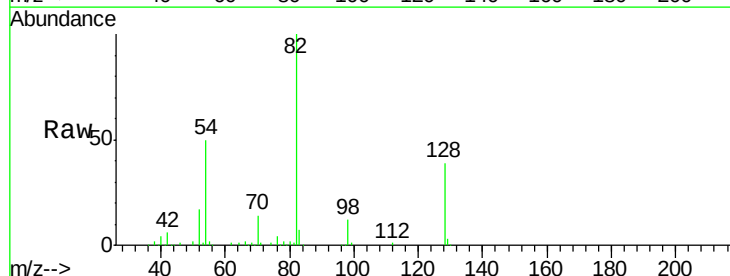
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)T

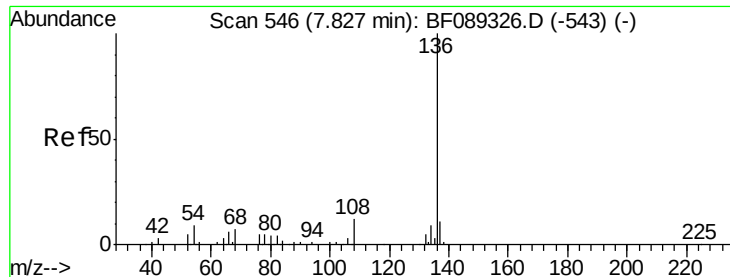
Tgt Ion: 79 Resp: 4431
Ion Ratio Lower Upper
79 100
108 23.6 59.8 89.6#
77 91.4 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

Tgt Ion: 70 Resp: 36715
Ion Ratio Lower Upper
70 100
42 46.7 38.6 57.8
101 0.0 8.3 12.5#
130 2.0 19.0 28.4#

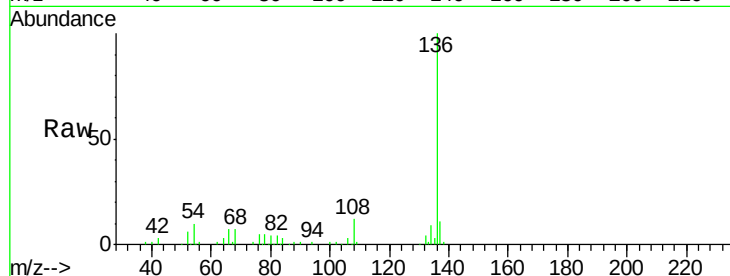




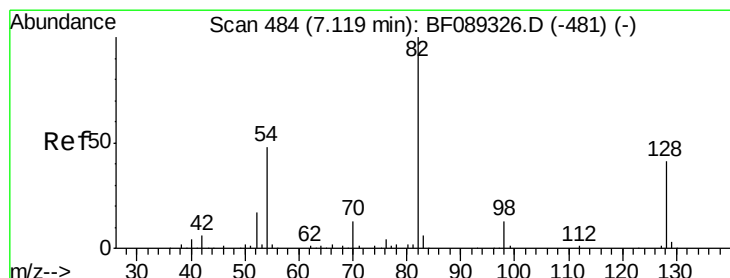
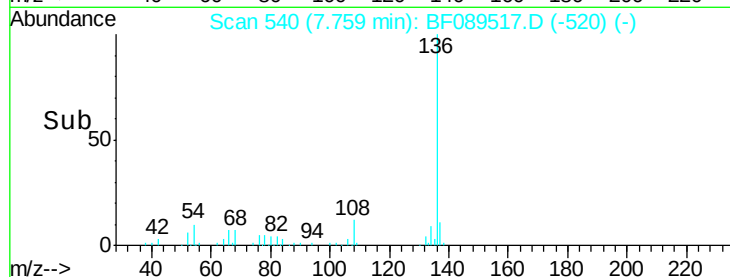
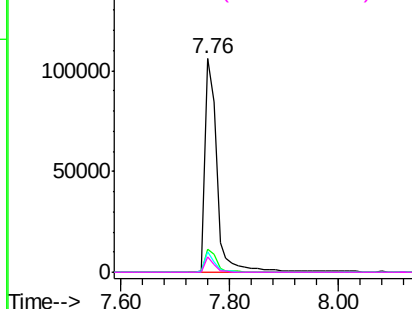
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

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

Tgt Ion:	136	Resp:	162018
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.0	10.4
68	7.2	4.9	7.3

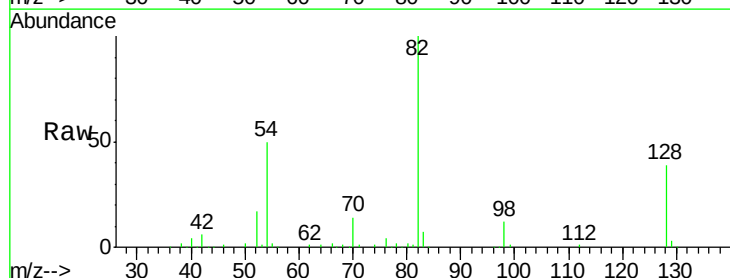


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

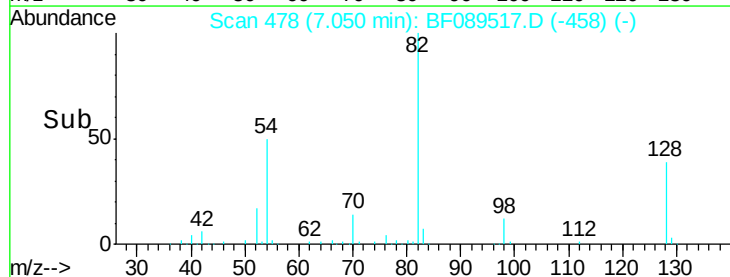
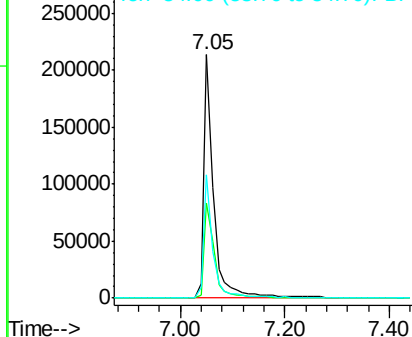


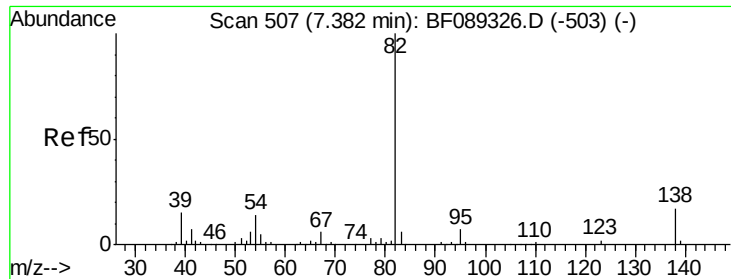
#23
Nitrobenzene-d5
Concen: 103.33 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

Tgt Ion:	82	Resp:	283629
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.5	48.7
54	50.4	38.8	58.2



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





#25

Isophorone

Concen: 47.83 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

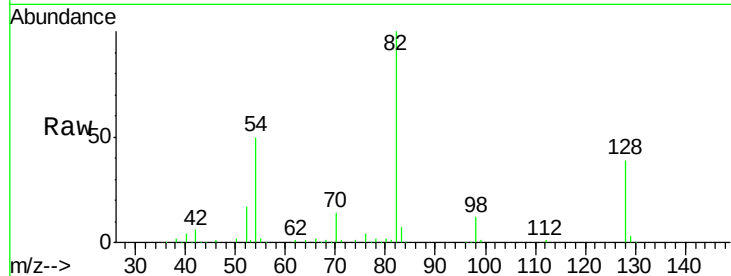
Tgt Ion: 82 Resp: 264442

Ion Ratio Lower Upper

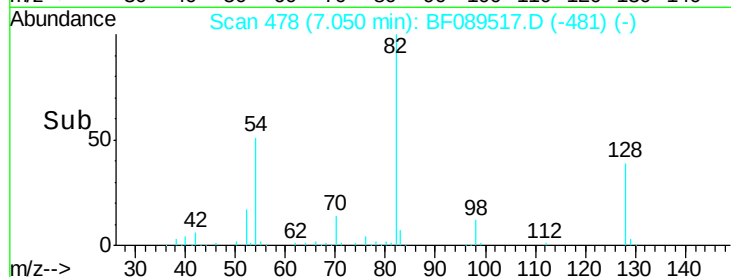
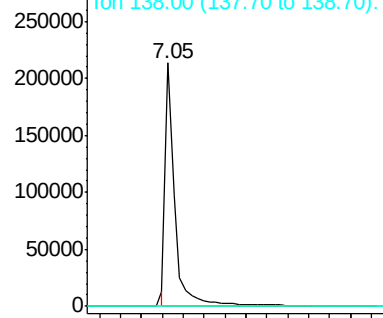
82 100

95 0.0 6.0 9.0#

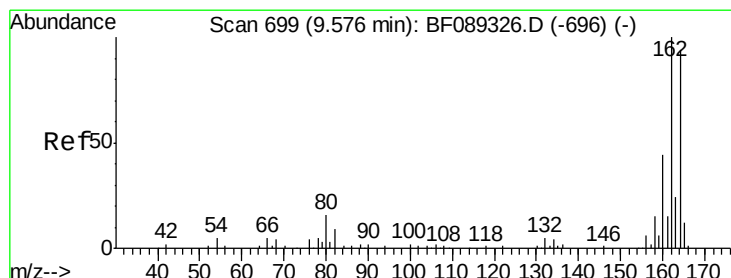
138 0.0 13.3 19.9#



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): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

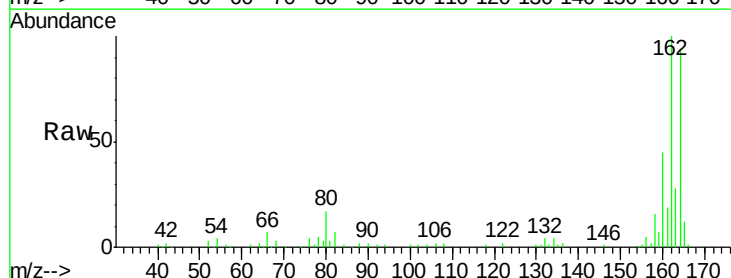
Tgt Ion: 164 Resp: 77967

Ion Ratio Lower Upper

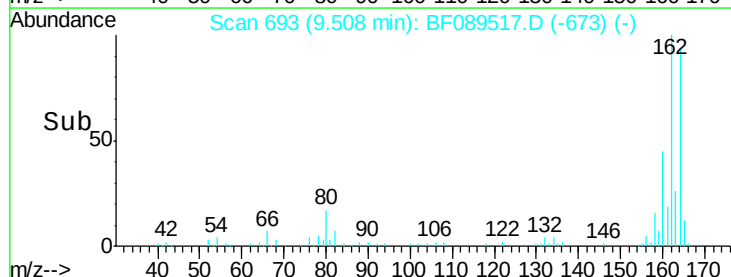
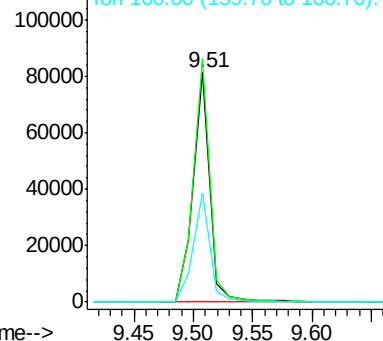
164 100

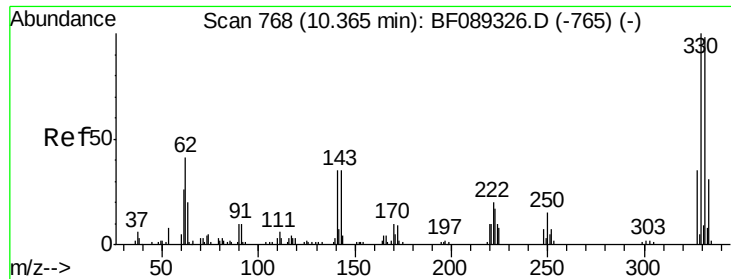
162 106.3 83.7 125.5

160 47.6 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

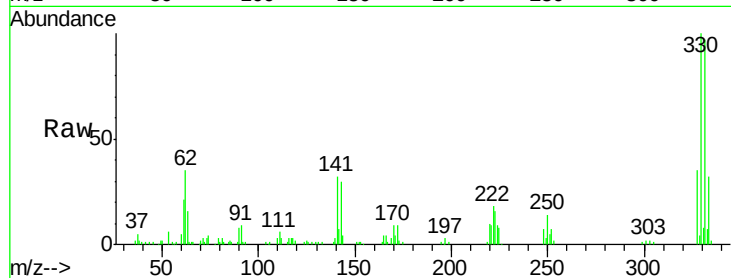




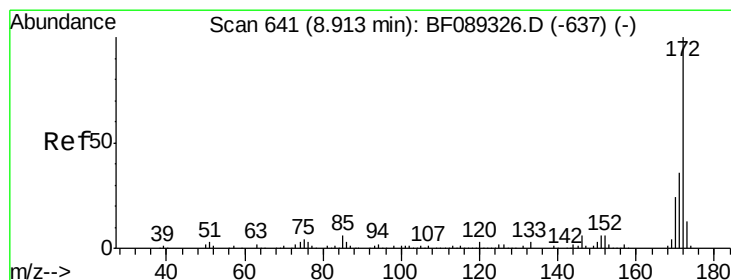
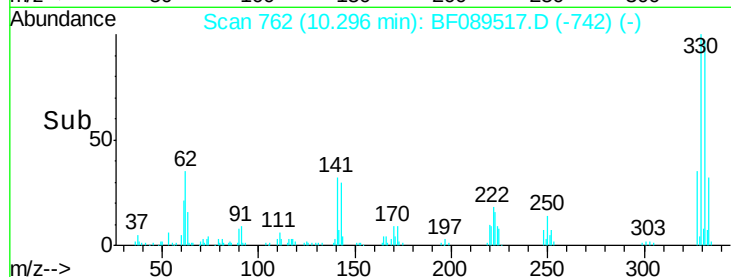
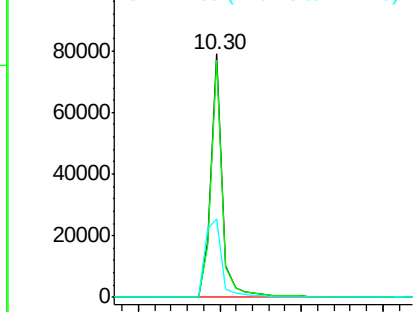
#41
 2,4,6-Tribromophenol
 Concen: 124.26 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

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

Tgt Ion:330 Resp: 80236
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 46.0 37.3 55.9

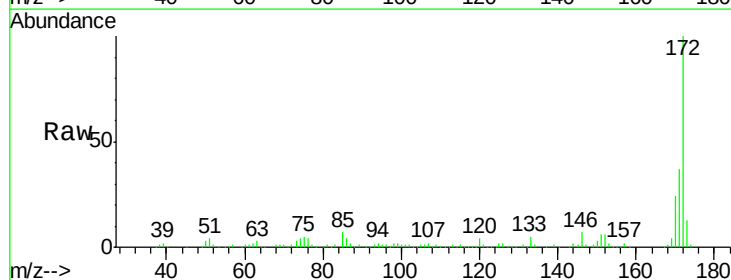


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

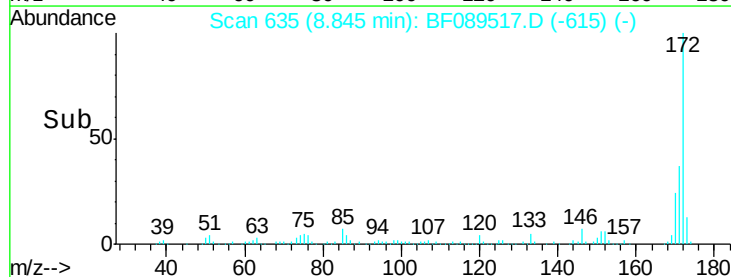
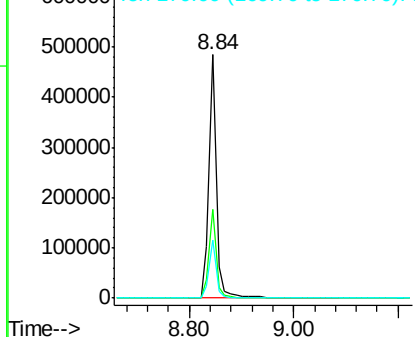


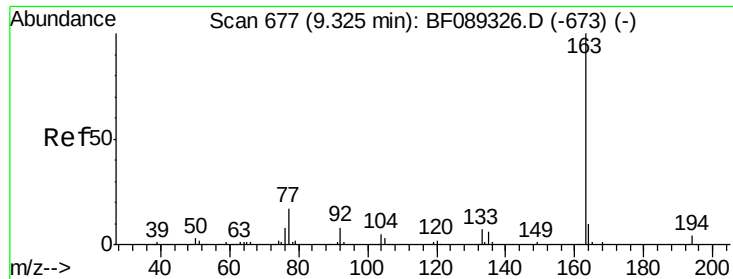
#44
 2-Fluorobiphenyl
 Concen: 90.91 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

Tgt Ion:172 Resp: 482952
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.8 19.2 28.8



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

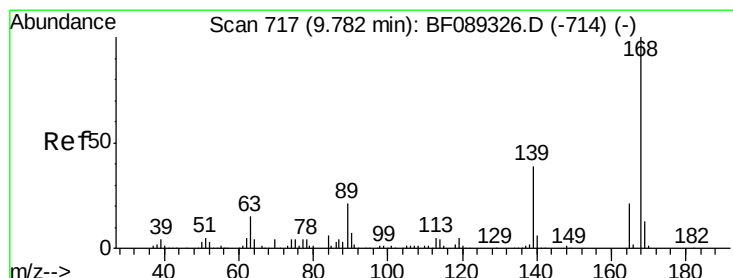
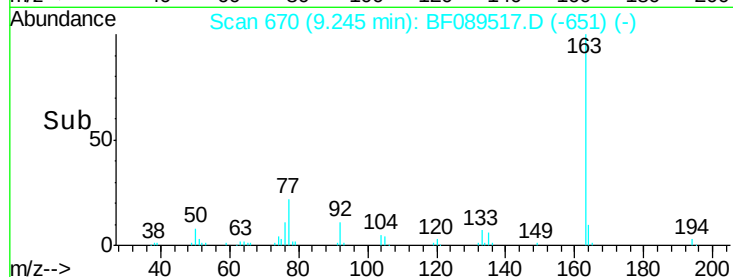
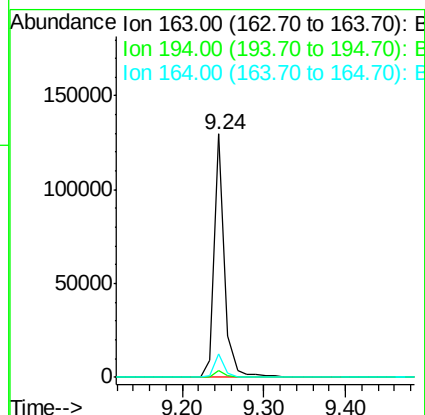
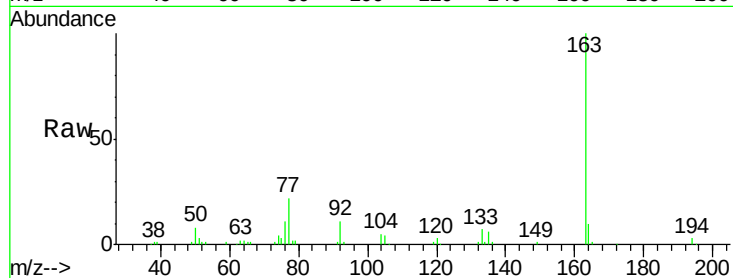




#49
Dimethylphthalate
Concen: 19.79 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

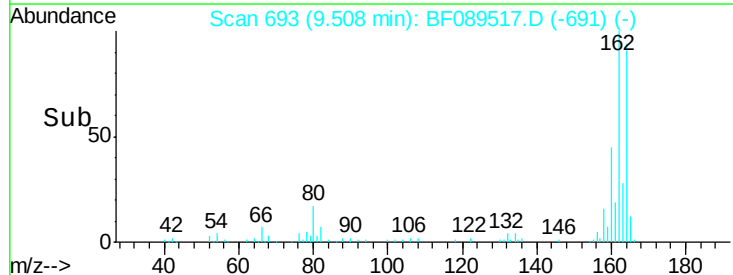
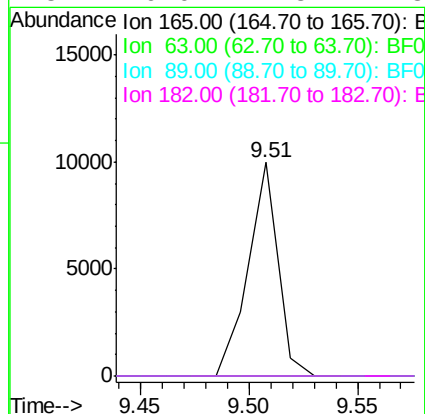
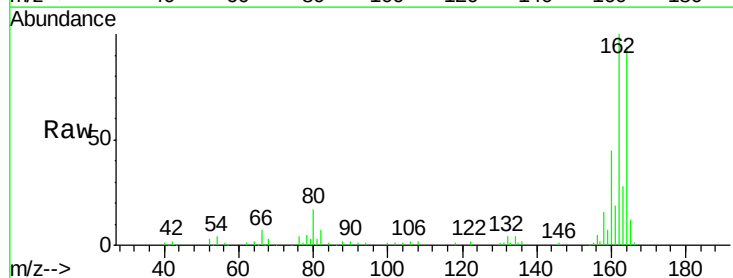
Instrument :
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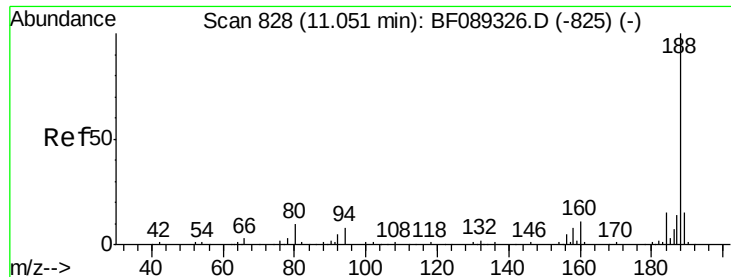
Tgt Ion:163 Resp: 117434
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 9.8 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

Tgt Ion:165 Resp: 9481
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#

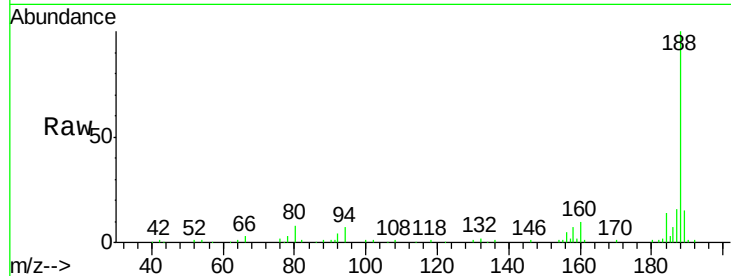




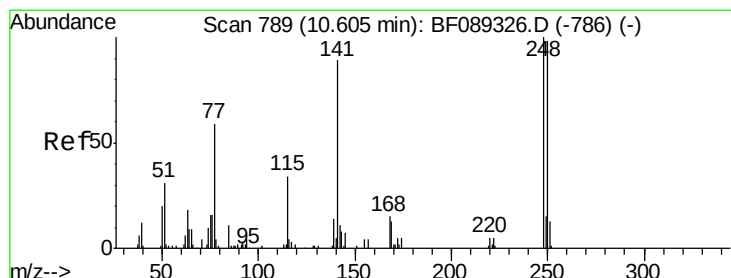
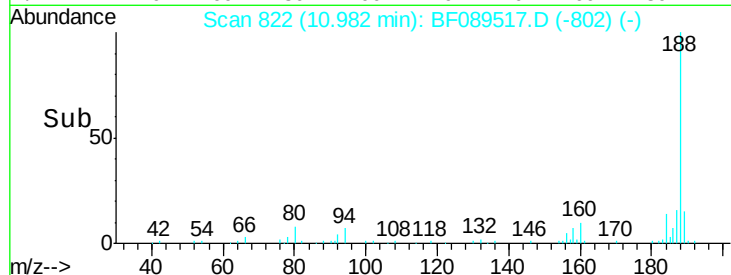
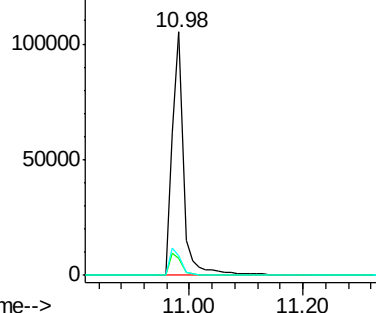
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

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

Tgt Ion:188 Resp: 140709
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 8.0 7.2 10.8

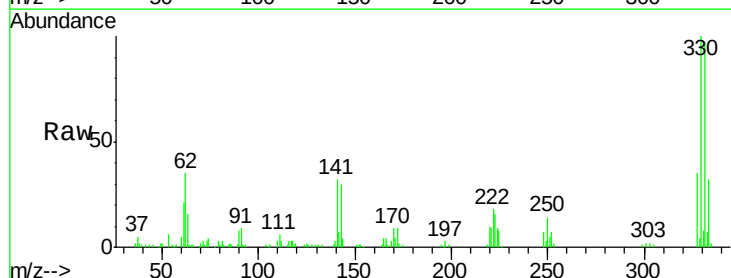


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

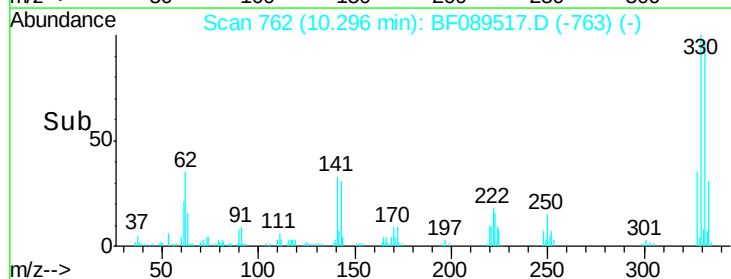
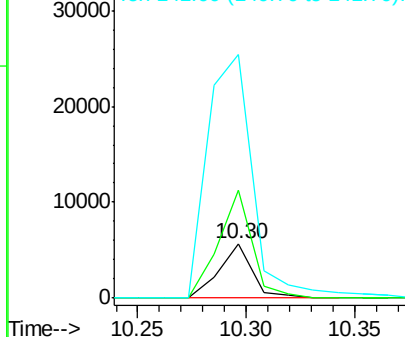


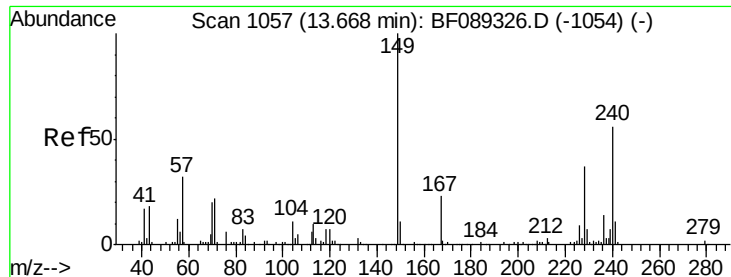
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089517.D
Acq: 1 Aug 2016 18:26

Tgt Ion:248 Resp: 6033
Ion Ratio Lower Upper
248 100
250 198.4 78.2 117.2#
141 446.4 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: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

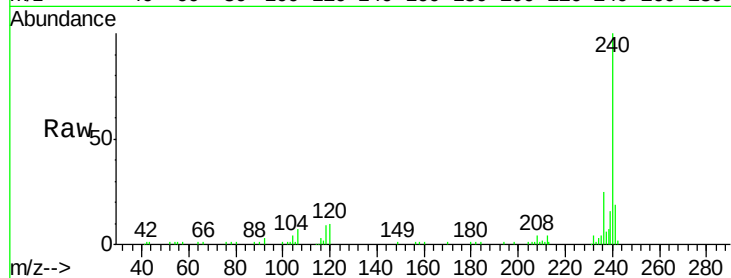
Tgt Ion:240 Resp: 82038

Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

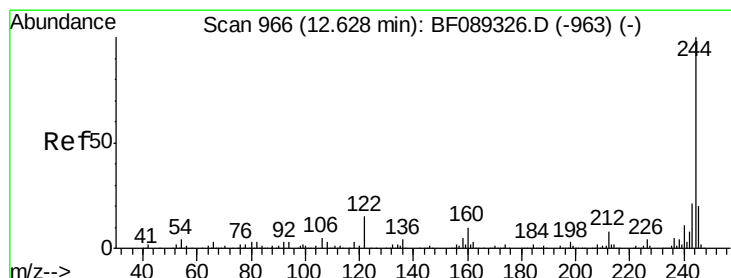
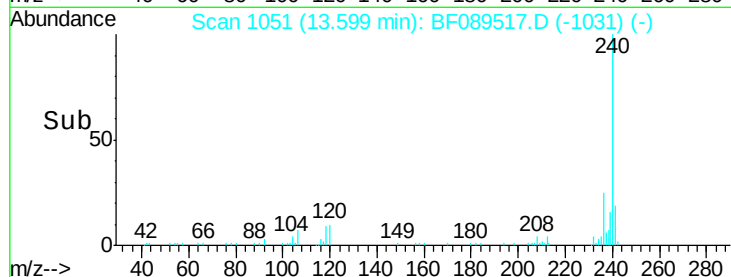
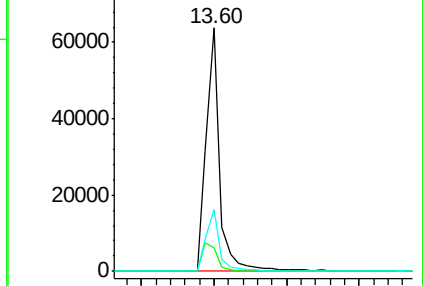
236 25.2 20.6 30.8



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: 91.98 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

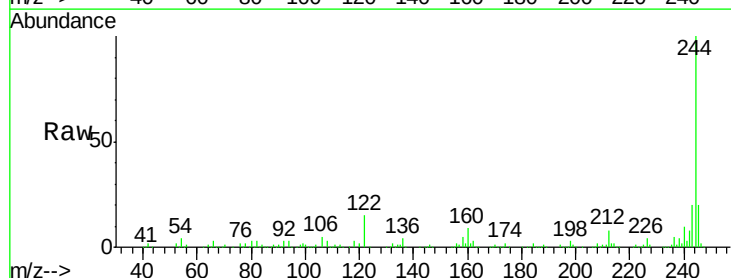
Tgt Ion:244 Resp: 322405

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

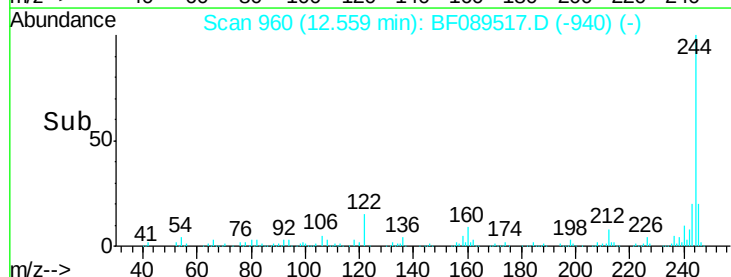
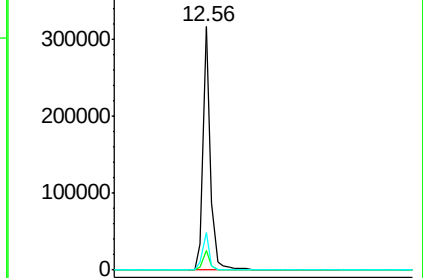
122 15.2 11.4 17.0

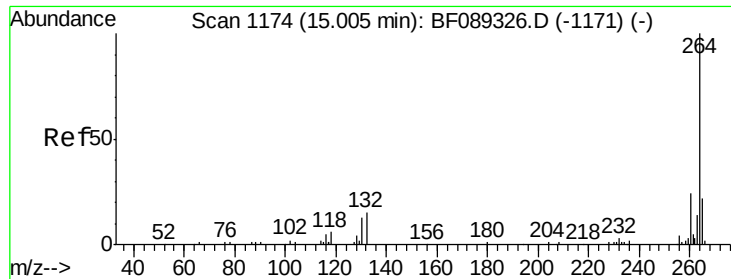


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089517.D
Acq: 1 Aug 2016 18:26

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

Tgt Ion: 264 Resp: 70058
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.2 17.5 26.3

