

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089510.D
 Acq On : 1 Aug 2016 14:35
 Operator : UM/SJ
 Sample : H4285-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 02 01:45:24 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

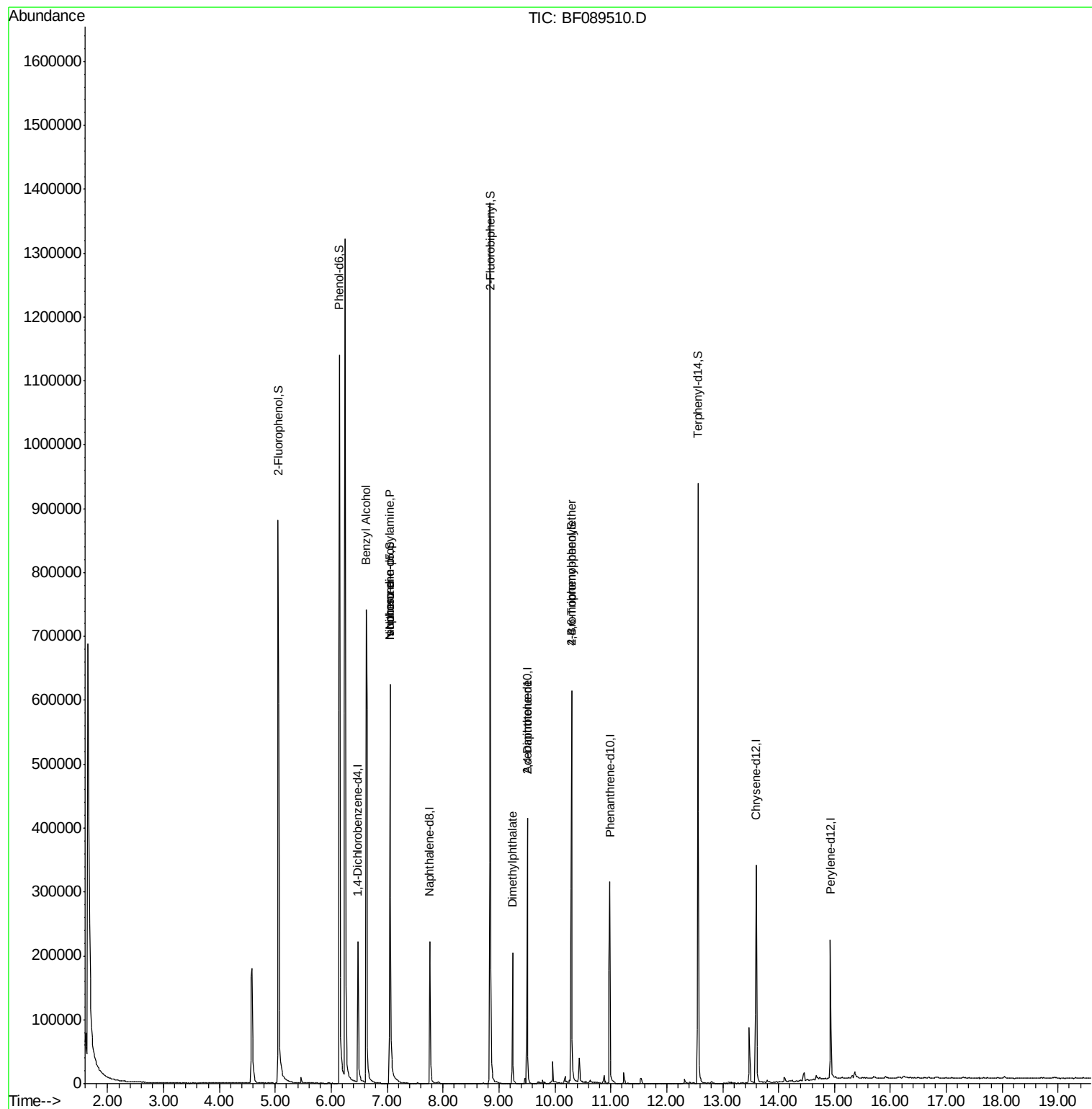
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	43003	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	172252	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	84851	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	161020	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	134630	20.00	ng	-0.07
86) Perylene-d12	14.93	264	88612	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	378315	140.47	ng	-0.06
7) Phenol-d6	6.15	99	531353	149.29	ng	-0.06
23) Nitrobenzene-d5	7.05	82	300414	102.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	77899	110.85	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	464915	80.41	ng	-0.07
78) Terphenyl-d14	12.56	244	333836	58.04	ng	-0.07
Target Compounds						
2) 1,4-Dioxane	1.96	88	845	Below Cal	#	26
15) Benzyl Alcohol	6.63	79	4496	2.04 ng	#	50
19) n-Nitroso-di-n-propylamine	7.05	70	39591	18.45 ng	#	83
25) Isophorone	7.05	82	287870	48.97 ng	#	67
49) Dimethylphthalate	9.24	163	83504	12.93 ng		98
56) 2,4-Dinitrotoluene	9.51	165	10519	6.02 ng	#	7
66) 4-Bromophenyl-phenylether	10.30	248	5932	3.86 ng	#	1

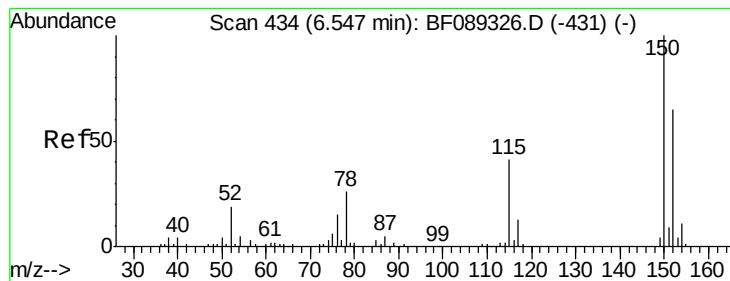
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

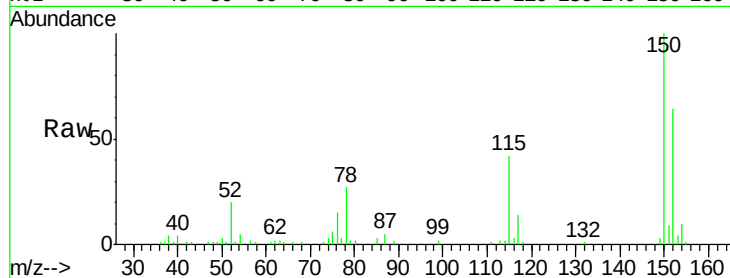
Tgt Ion:152 Resp: 43003

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

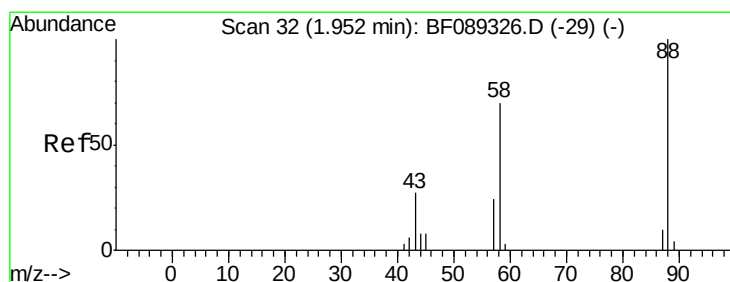
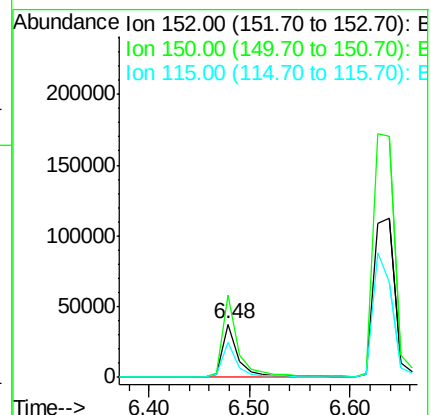
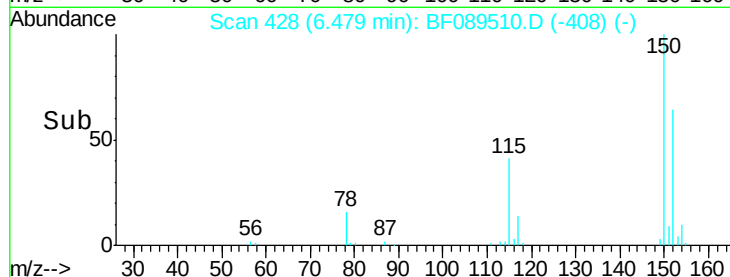
115 65.1 51.4 77.2



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 1.96 min Scan# 33

Delta R.T. 0.01 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

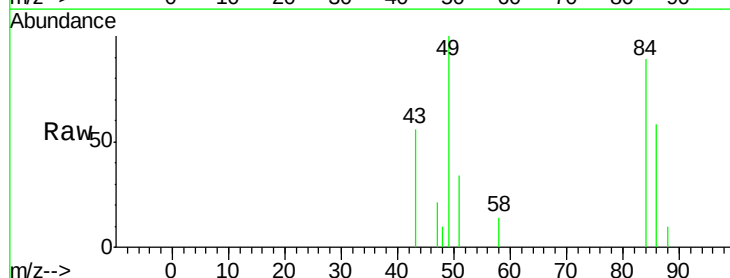
Tgt Ion: 88 Resp: 845

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

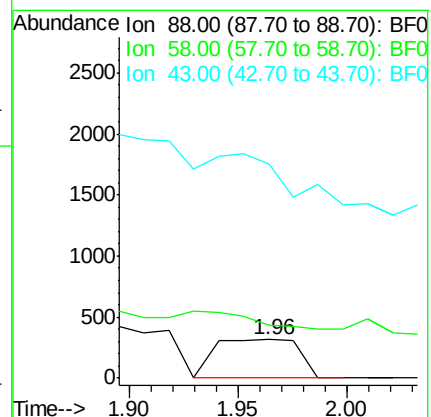
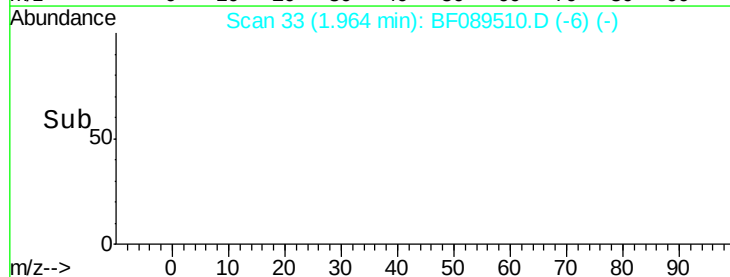
43 0.0 20.6 31.0#

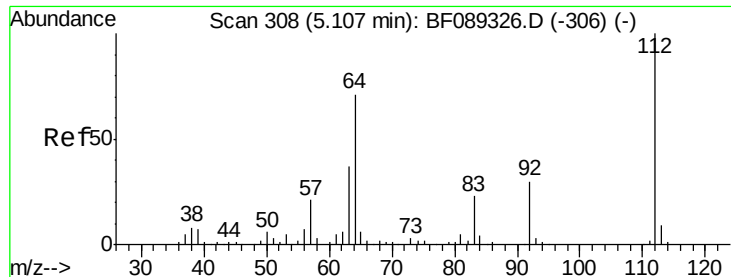


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 140.47 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

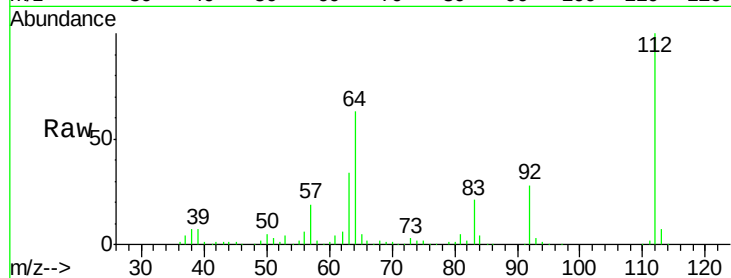
Tgt Ion: 112 Resp: 378315

Ion Ratio Lower Upper

112 100

64 63.0 55.0 82.6

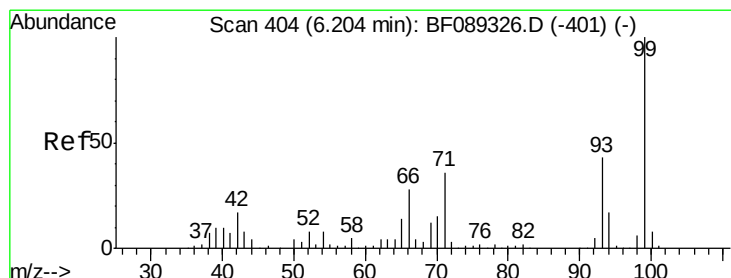
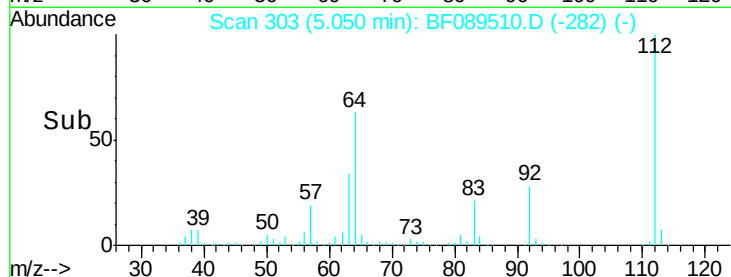
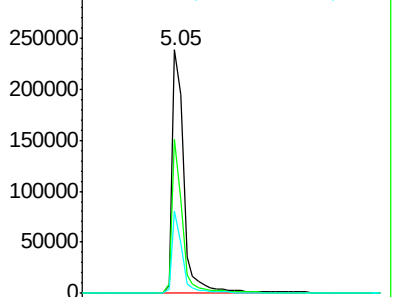
63 34.1 29.4 44.2



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: 149.29 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

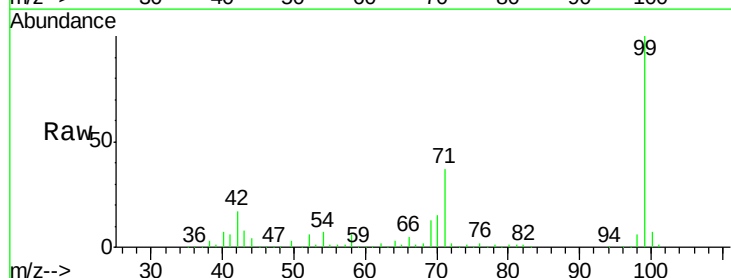
Tgt Ion: 99 Resp: 531353

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

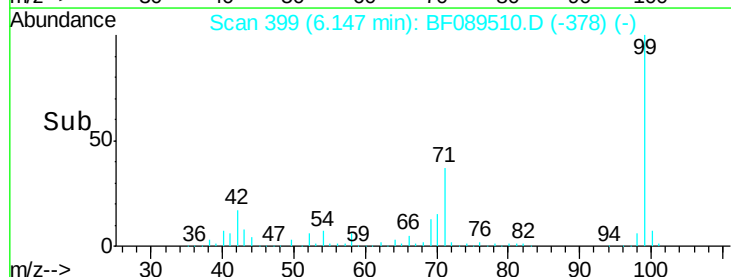
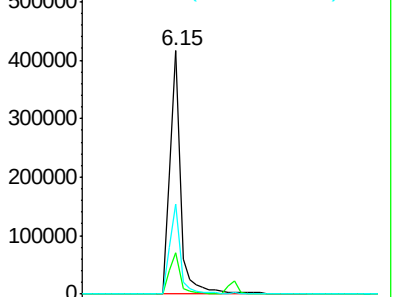
71 36.9 29.4 44.2

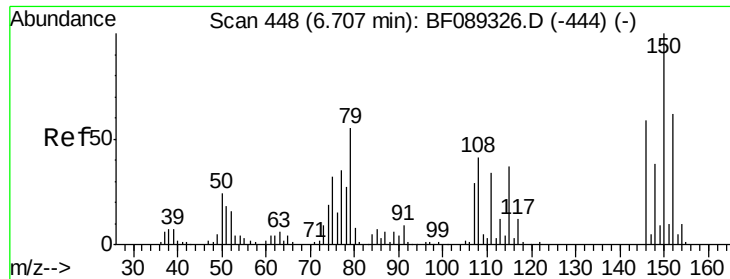


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

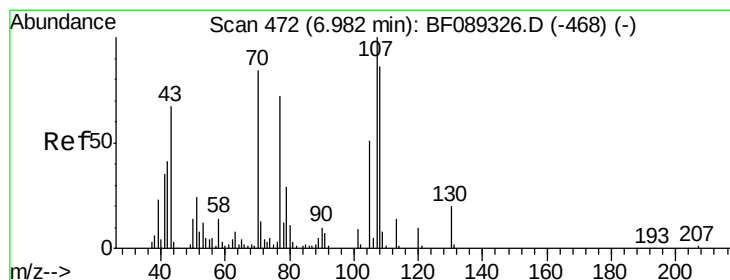
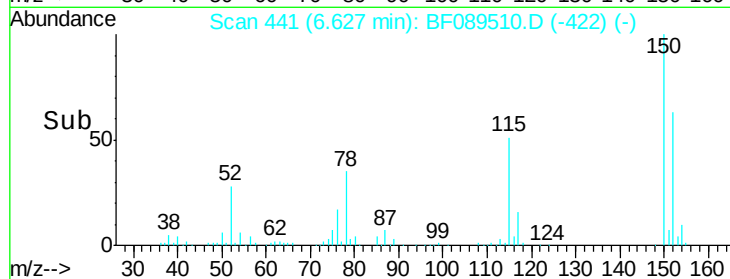
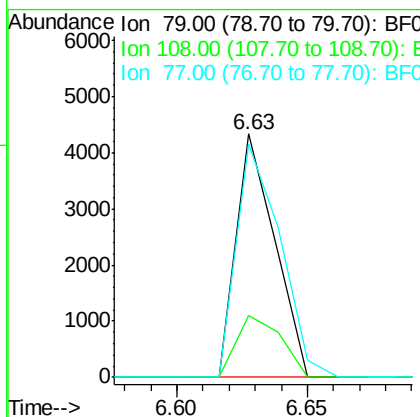
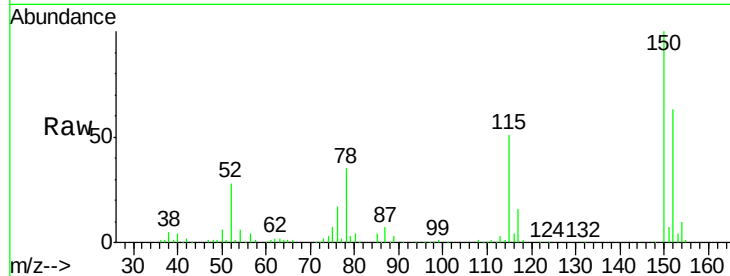




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

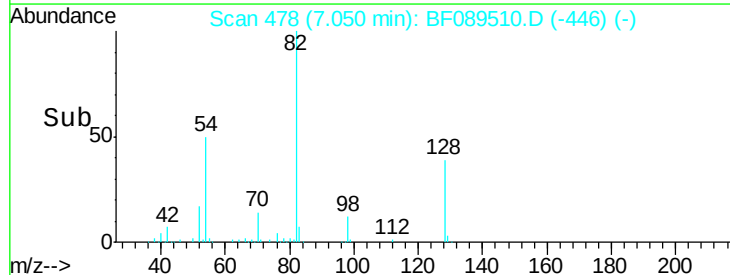
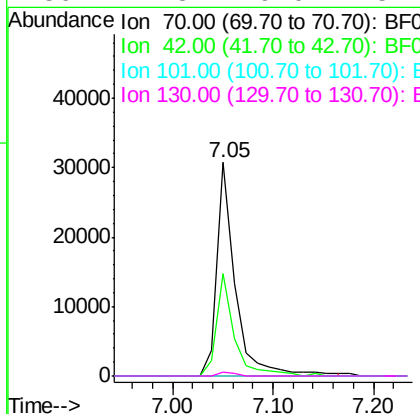
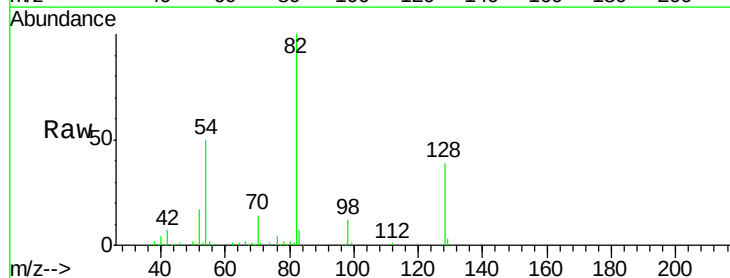
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)L

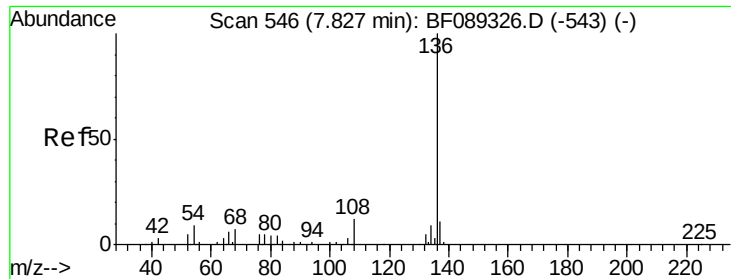
Tgt Ion: 79 Resp: 4496
Ion Ratio Lower Upper
79 100
108 25.2 59.8 89.6#
77 95.6 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.45 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

Tgt Ion: 70 Resp: 39591
Ion Ratio Lower Upper
70 100
42 47.7 38.6 57.8
101 0.0 8.3 12.5#
130 1.8 19.0 28.4#

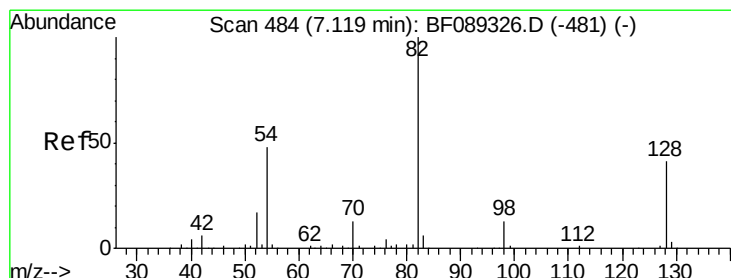
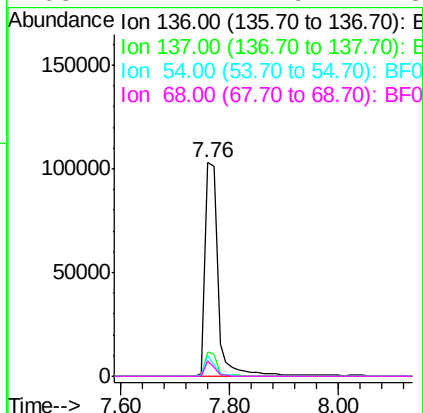
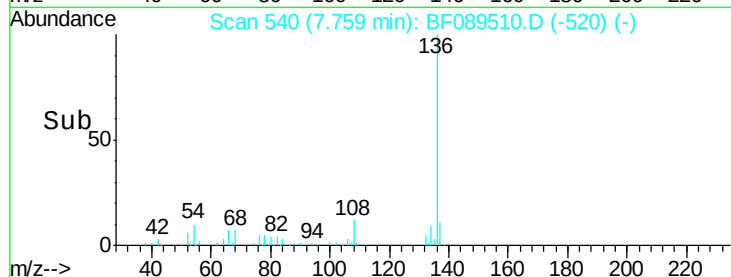
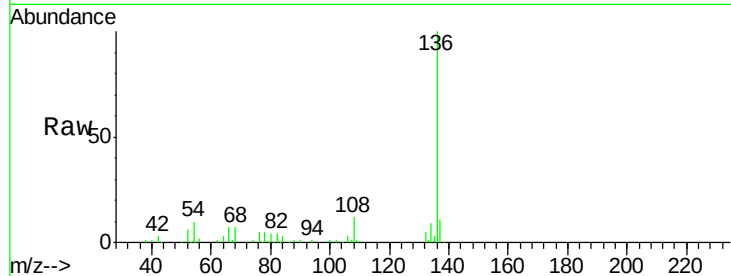




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

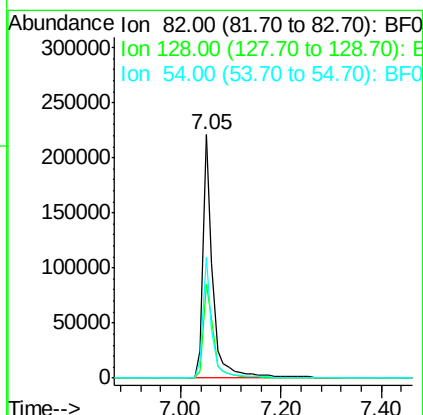
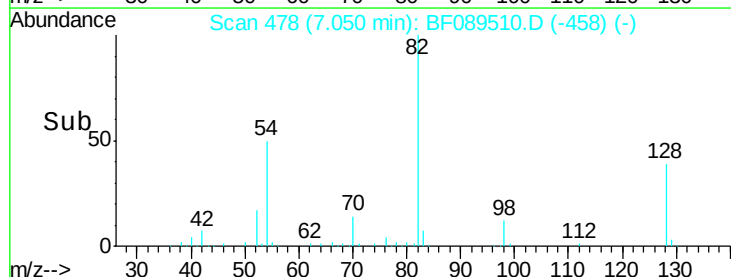
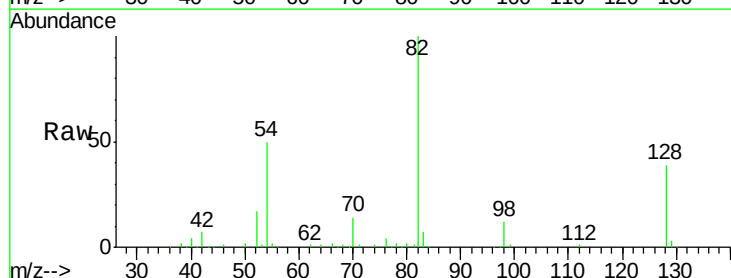
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)L

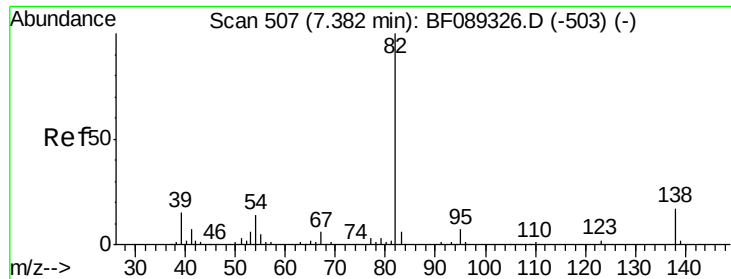
Tgt Ion:	136	Resp:	172252
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.6	7.0	10.4
68	7.4	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 102.94 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089510.D
Acq: 1 Aug 2016 14:35

Tgt Ion:	82	Resp:	300414
Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	49.6	38.8	58.2





#25

Isophorone

Concen: 48.97 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

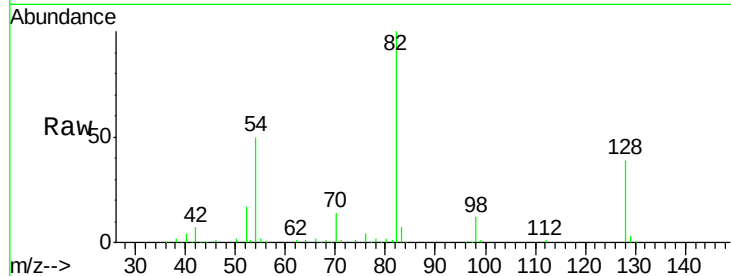
Tgt Ion: 82 Resp: 287870

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

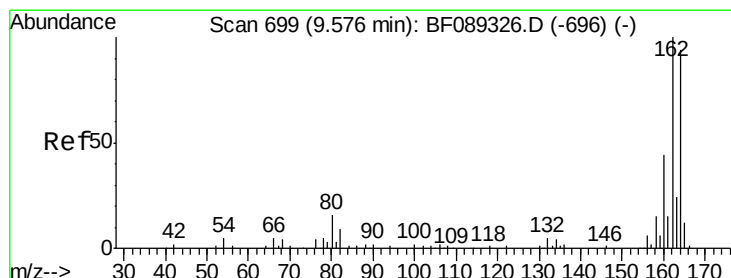
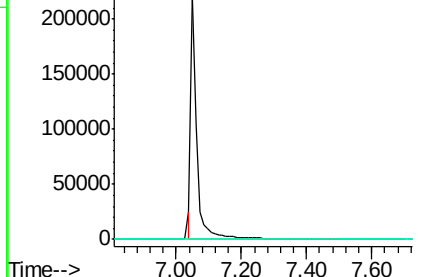
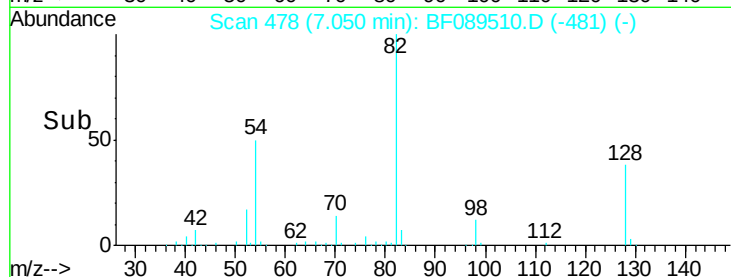
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF089510.D (-481) (-)

Ion 95.00 (94.70 to 95.70): BF089510.D (-481) (-)

Ion 138.00 (137.70 to 138.70): BF089510.D (-481) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

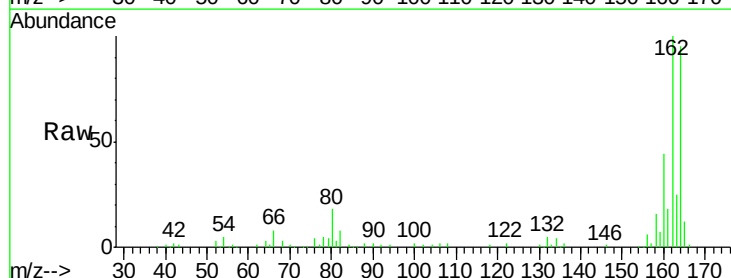
Tgt Ion: 164 Resp: 84851

Ion Ratio Lower Upper

164 100

162 105.7 83.7 125.5

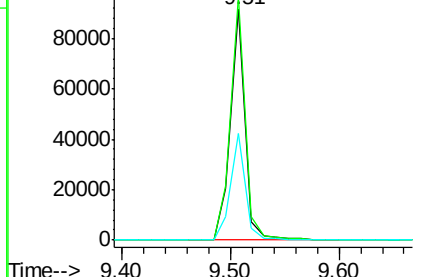
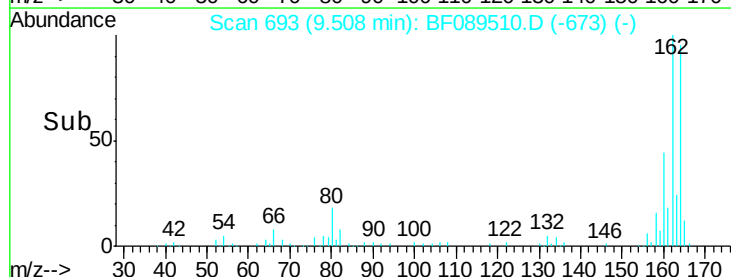
160 46.6 37.8 56.6

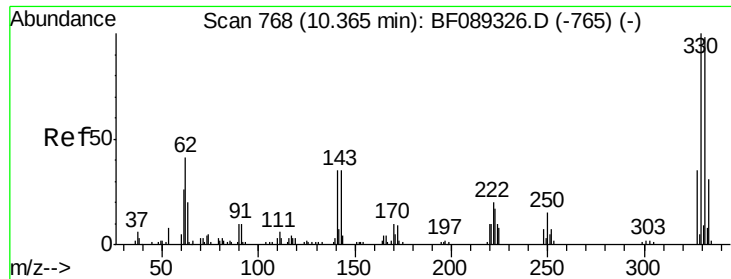


Abundance Ion 164.00 (163.70 to 164.70): BF089510.D (-673) (-)

Ion 162.00 (161.70 to 162.70): BF089510.D (-673) (-)

Ion 160.00 (159.70 to 160.70): BF089510.D (-673) (-)

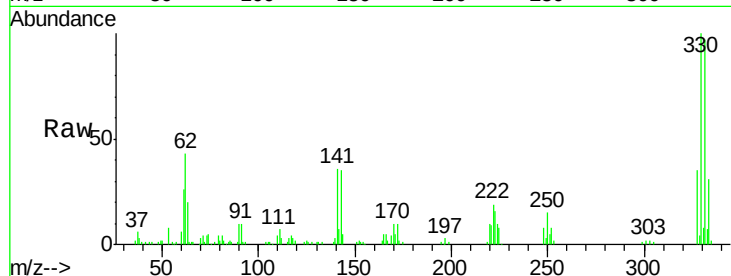




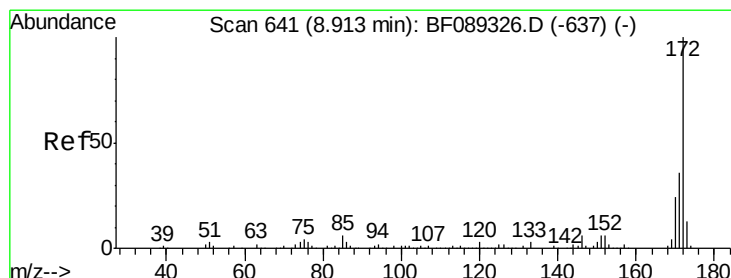
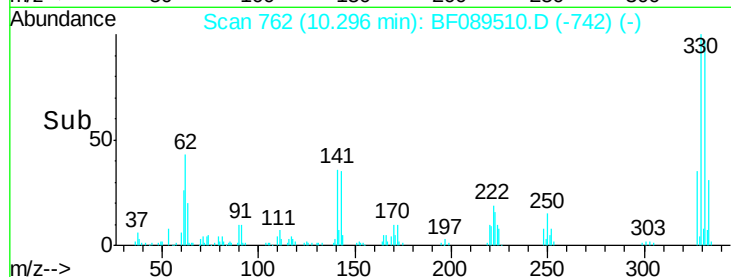
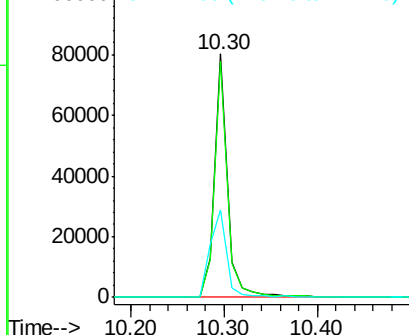
#41
 2,4,6-Tribromophenol
 Concen: 110.85 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

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

Tgt Ion:330 Resp: 77899
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 46.0 37.3 55.9

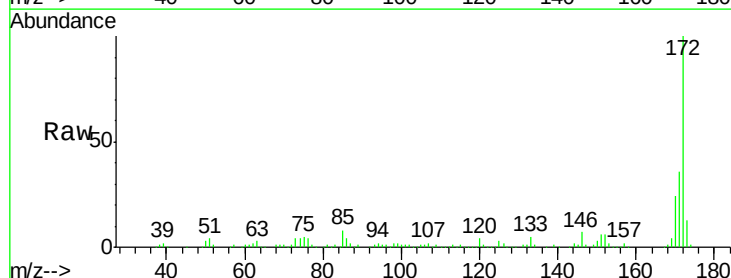


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

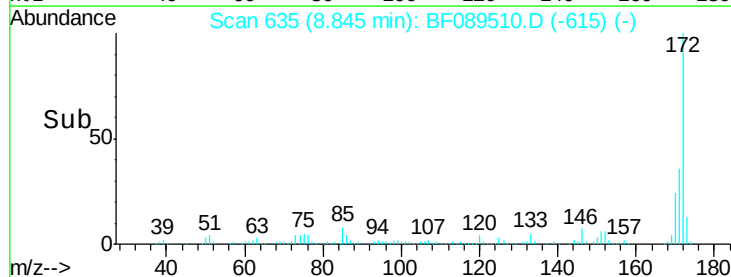
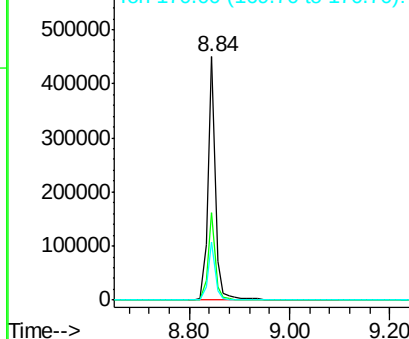


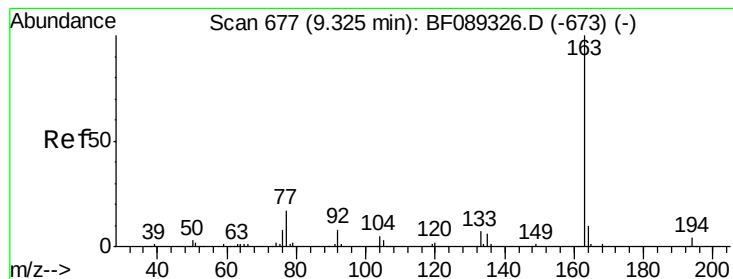
#44
 2-Fluorobiphenyl
 Concen: 80.41 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Tgt Ion:172 Resp: 464915
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.9 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: 12.93 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.08 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

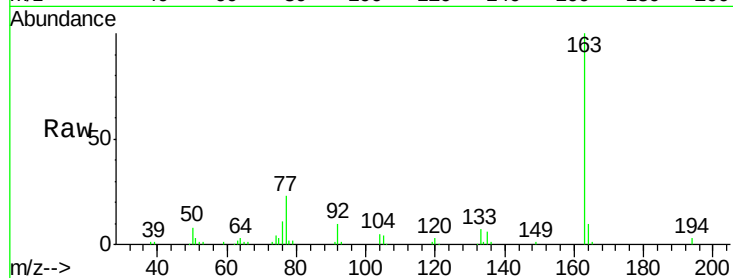
Tgt Ion:163 Resp: 83504

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

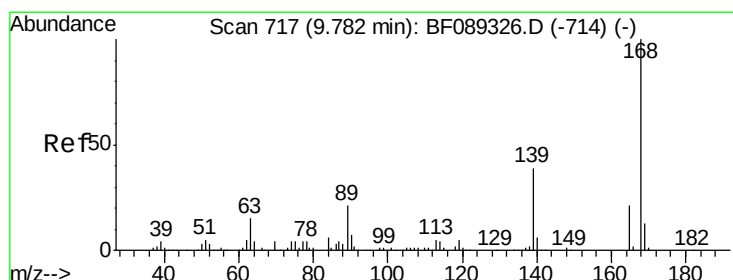
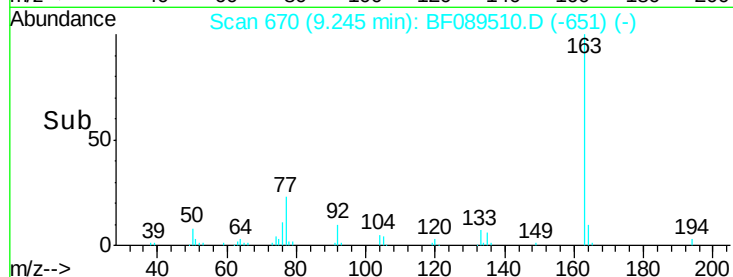
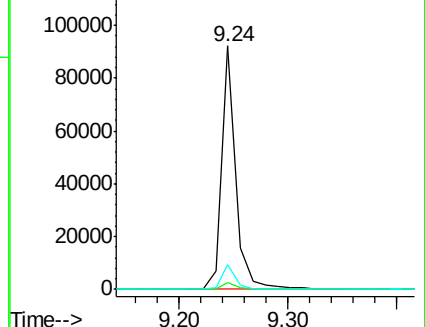
164 10.4 7.8 11.8



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



#56

2,4-Dinitrotoluene

Concen: 6.02 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.27 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

Tgt Ion:165 Resp: 10519

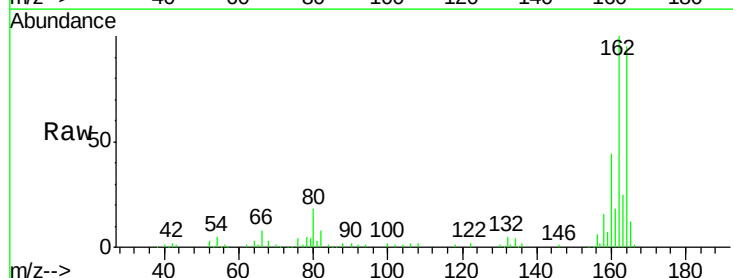
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

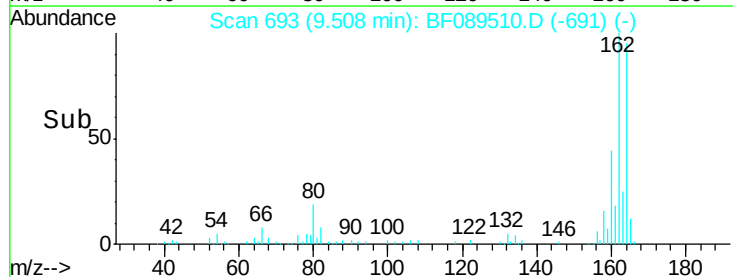
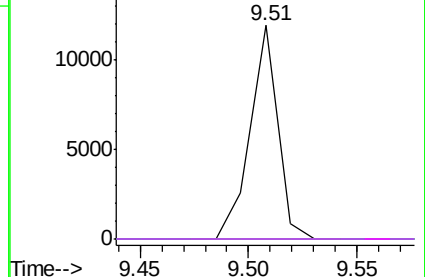


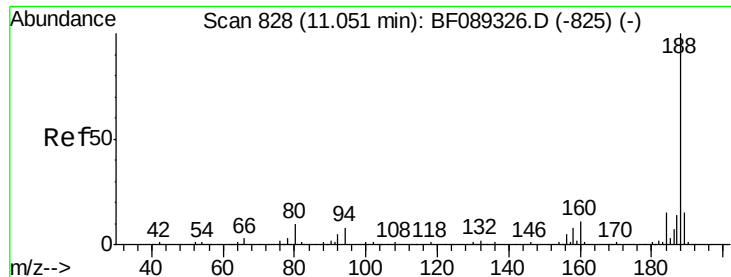
Abundance Ion 165.00 (164.70 to 165.70): E

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

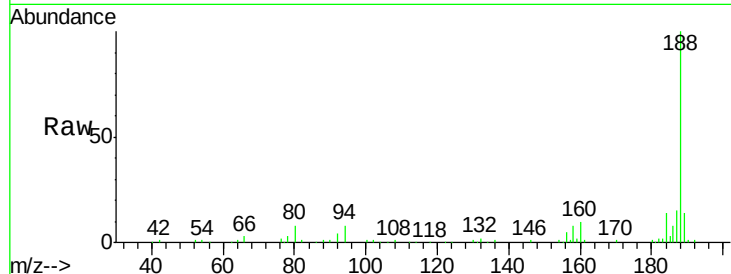




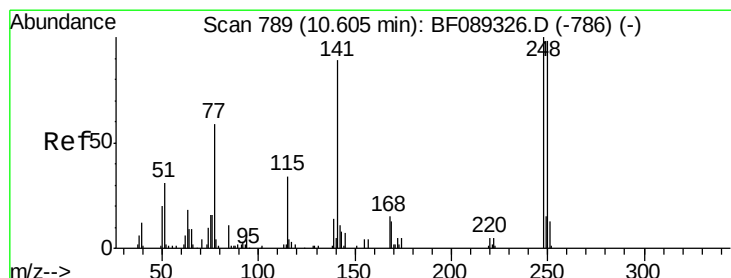
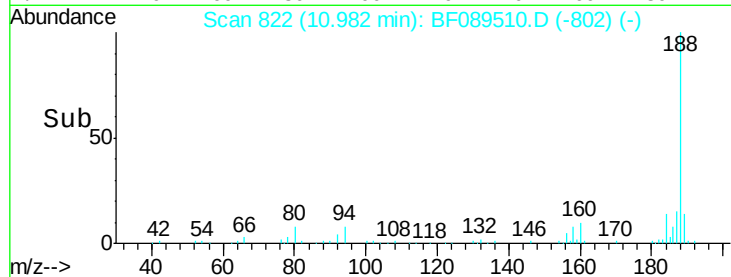
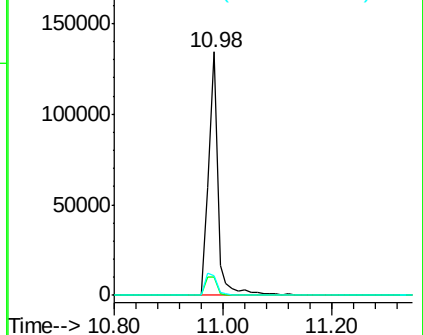
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

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

Tgt Ion:188 Resp: 161020
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.5 9.7
 80 7.8 7.2 10.8

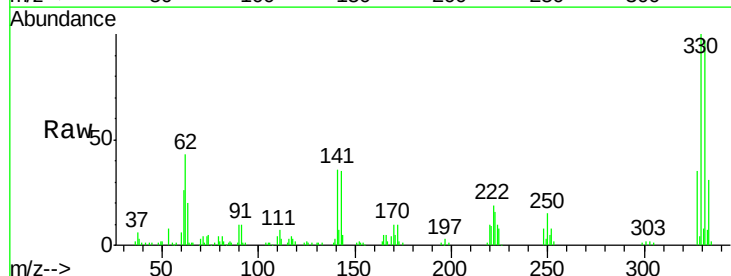


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

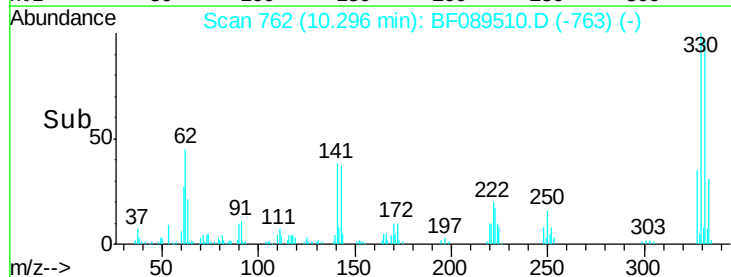
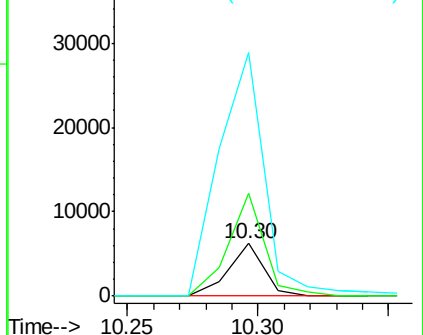


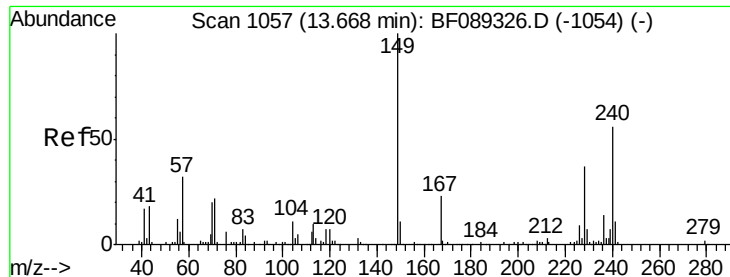
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.31 min
 Lab File: BF089510.D
 Acq: 1 Aug 2016 14:35

Tgt Ion:248 Resp: 5932
 Ion Ratio Lower Upper
 248 100
 250 194.7 78.2 117.2#
 141 462.7 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: BF089510.D

Acq: 1 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)L

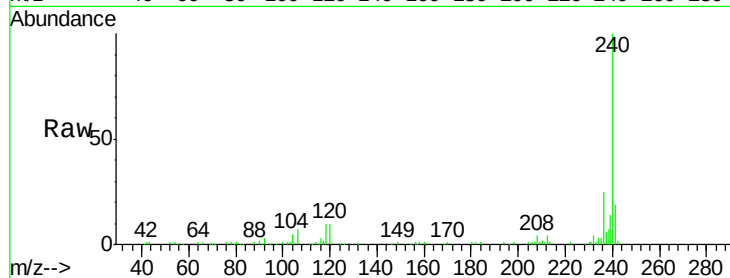
Tgt Ion:240 Resp: 134630

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

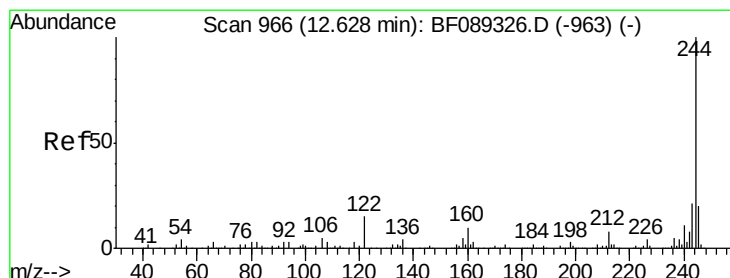
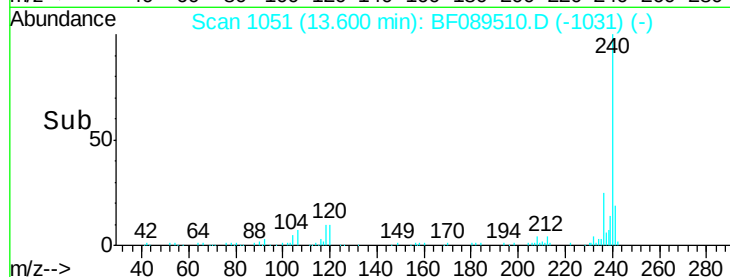
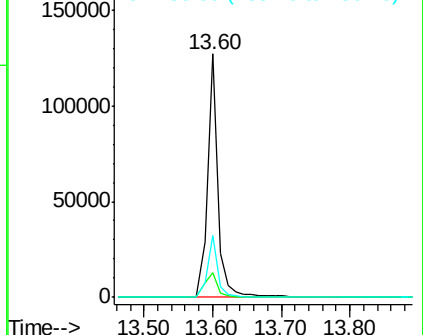
236 25.5 20.6 30.8



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: 58.04 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089510.D

Acq: 1 Aug 2016 14:35

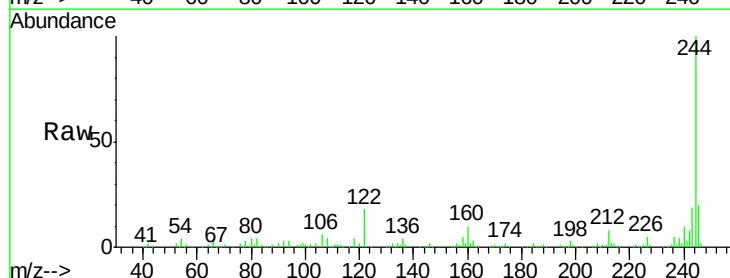
Tgt Ion:244 Resp: 333836

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 17.6 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

