

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090010.D
 Acq On : 7 Sep 2016 17:43
 Operator : UM/SJ
 Sample : H4676-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-9

Quant Time: Sep 07 18:54:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

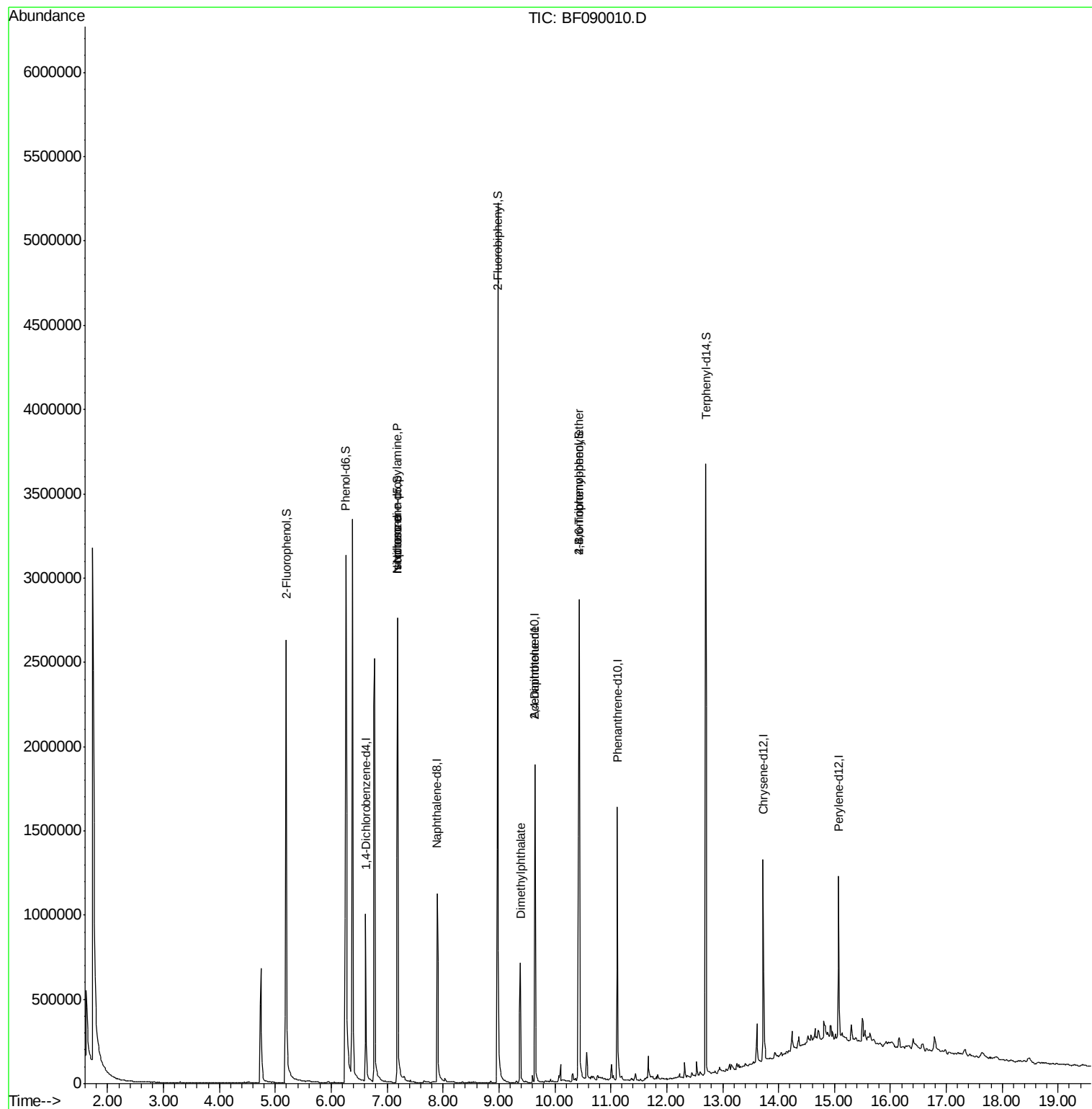
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	190685	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	765900	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	395321	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	731687	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	462806	20.00	ng	-0.03
86) Perylene-d12	15.07	264	430910	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1378079	115.68	ng	-0.01
7) Phenol-d6	6.26	99	1737401	120.02	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1136038	86.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	433275	111.09	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1870230	77.66	ng	-0.02
78) Terphenyl-d14	12.70	244	1548663	82.66	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	151111	16.02	ng	# 78
25) Isophorone	7.19	82	1119050	41.67	ng	# 65
49) Dimethylphthalate	9.38	163	427877	14.97	ng	97
56) 2,4-Dinitrotoluene	9.64	165	53321	6.62	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	30543	4.15	ng	# 1

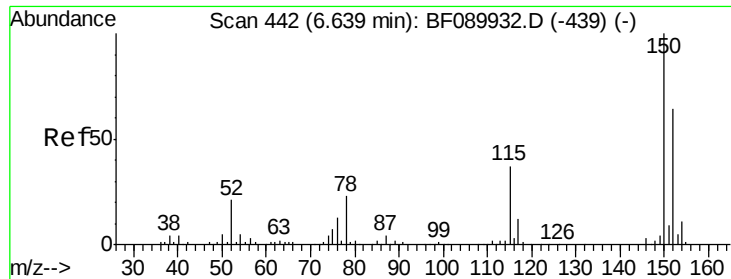
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

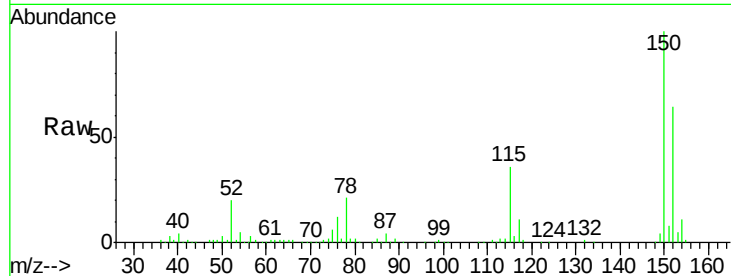
Tot Ion:152 Resp: 190685

Ion Ratio Lower Upper

152 100

150 156.3 127.4 191.2

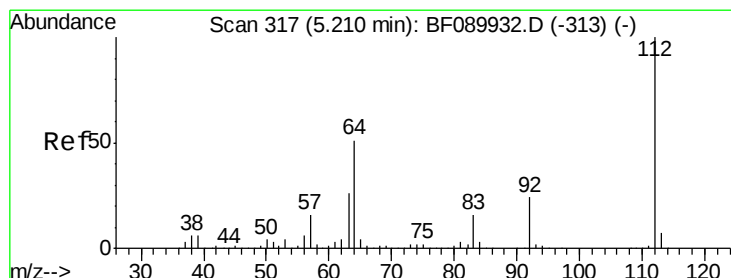
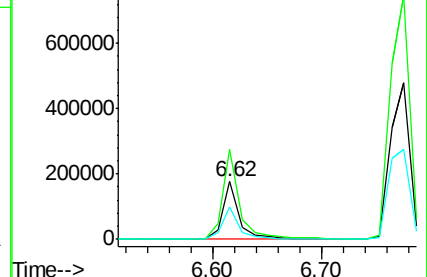
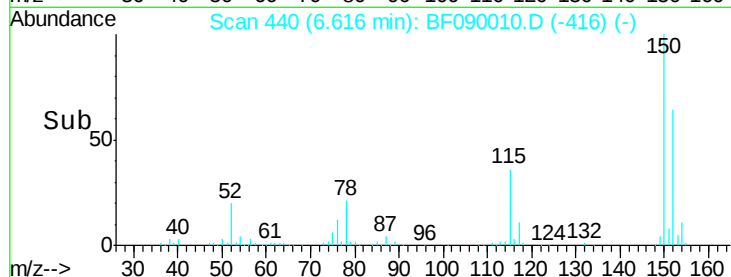
115 56.4 46.3 69.5



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: 115.68 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

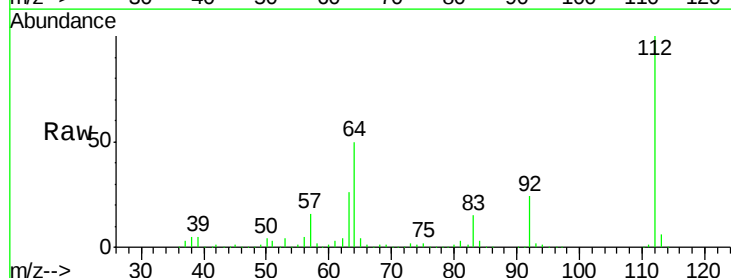
Tgt Ion:112 Resp: 1378079

Ion Ratio Lower Upper

112 100

64 49.7 41.1 61.7

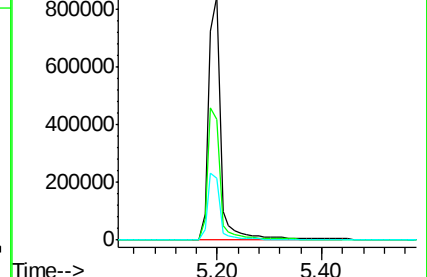
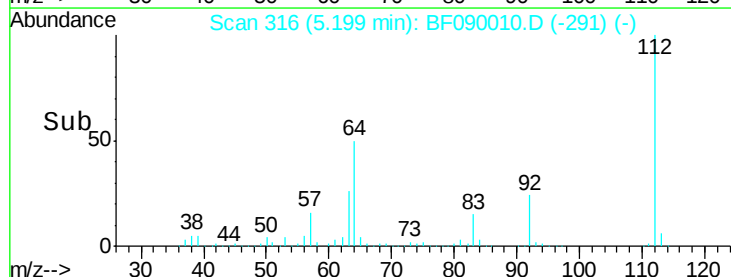
63 25.5 21.2 31.8

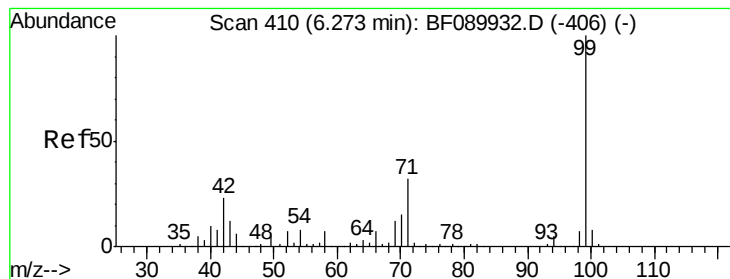


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.02 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

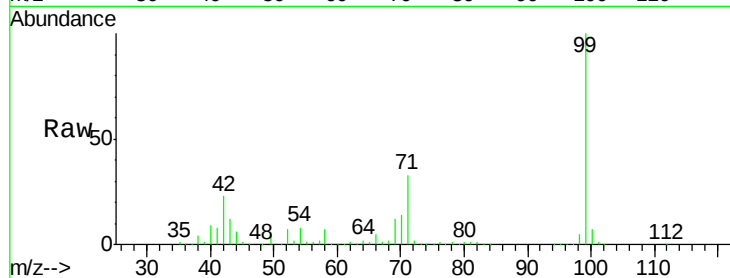
Tot Ion: 99 Resp: 1737401

Ion Ratio Lower Upper

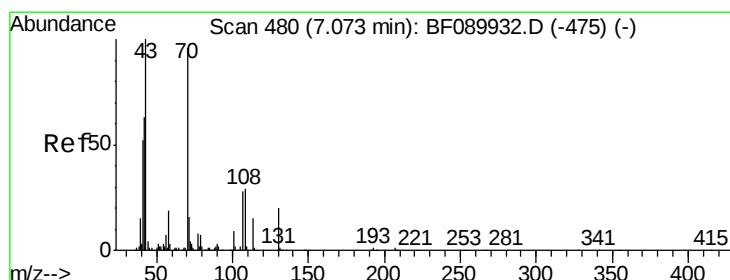
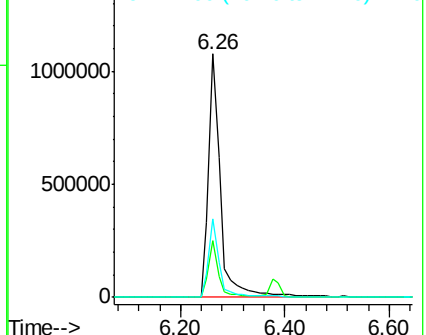
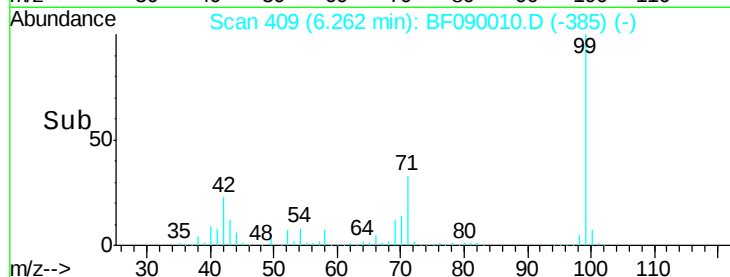
99 100

42 23.3 18.6 27.8

71 32.5 25.8 38.6



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: 16.02 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Tgt Ion: 70 Resp: 151111

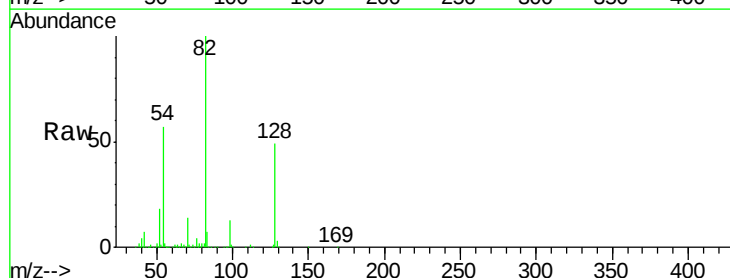
Ion Ratio Lower Upper

70 100

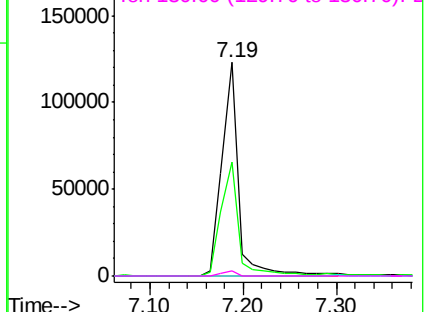
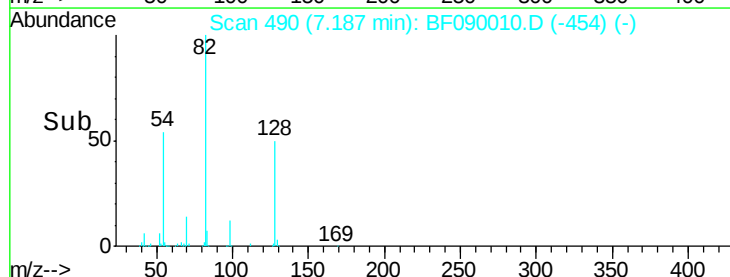
42 53.3 52.1 78.1

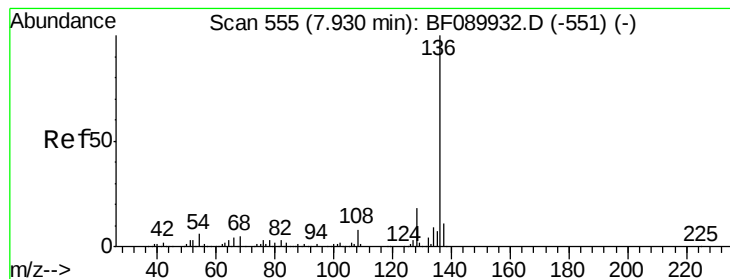
101 0.0 7.4 11.2#

130 2.3 17.0 25.4#



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: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

Tot Ion:136 Resp: 765900

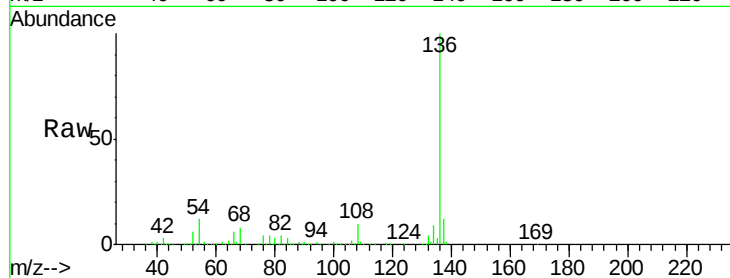
Ion Ratio Lower Upper

136 100

137 11.6 8.3 12.5

54 11.6 4.8 7.2#

68 7.5 3.7 5.5#

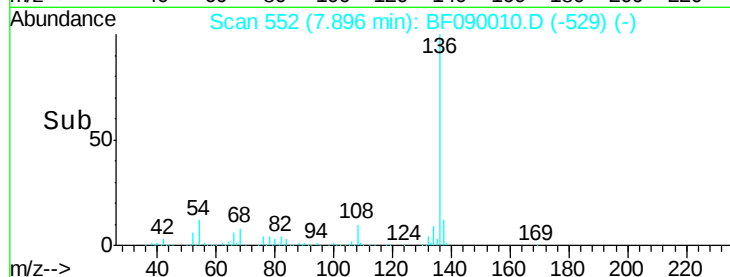


Abundance Ion 136.00 (135.70 to 136.70): E

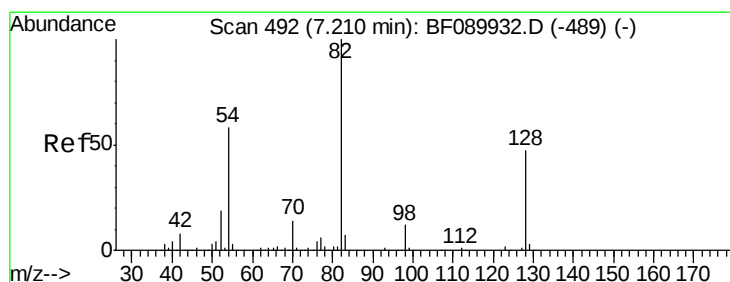
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 86.02 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

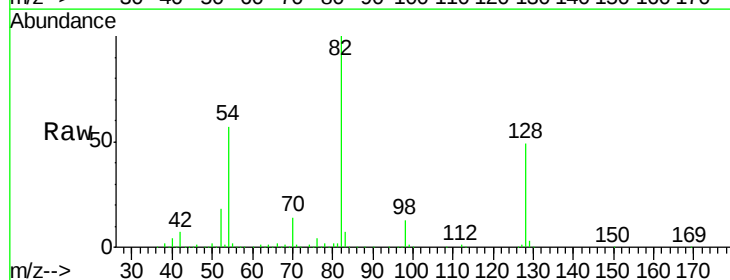
Tgt Ion: 82 Resp: 1136038

Ion Ratio Lower Upper

82 100

128 49.5 37.8 56.8

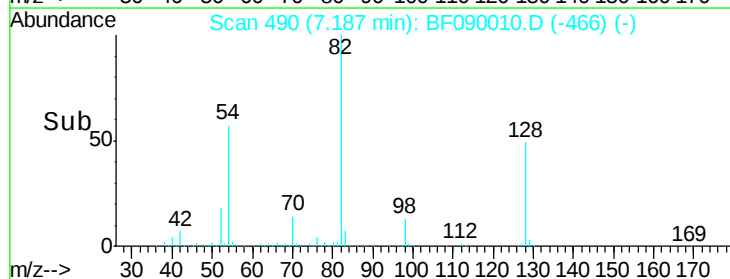
54 56.6 46.9 70.3



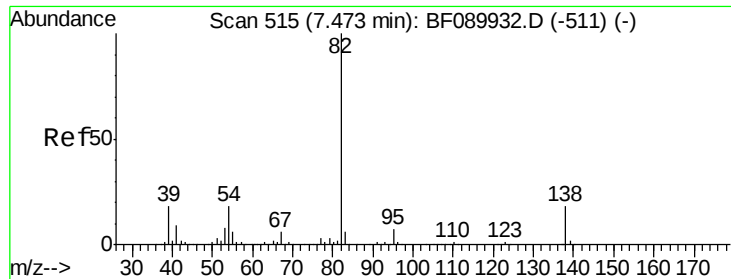
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 41.67 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

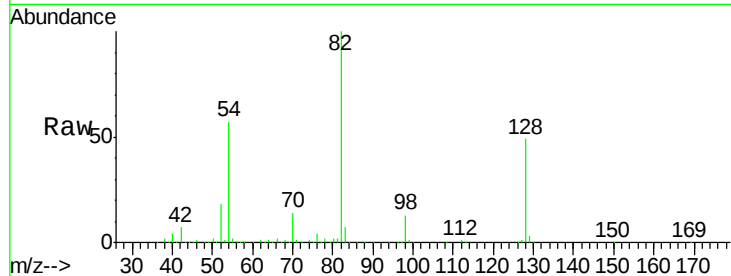
Tot Ion: 82 Resp: 1119050

Ion Ratio Lower Upper

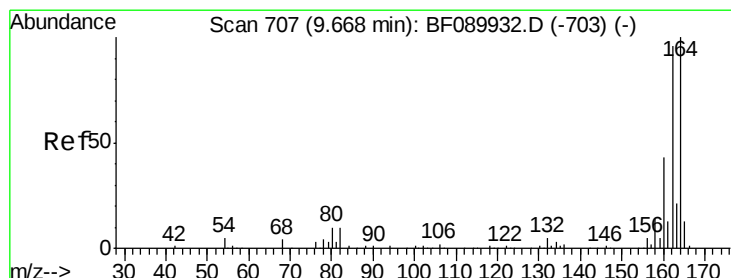
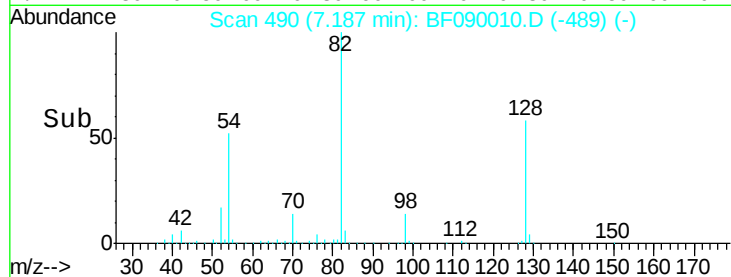
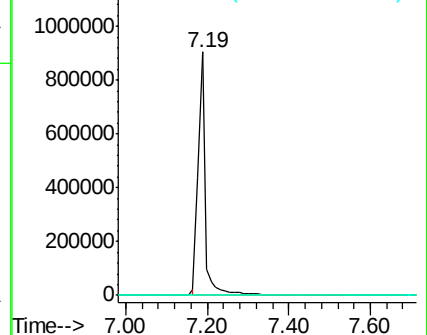
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

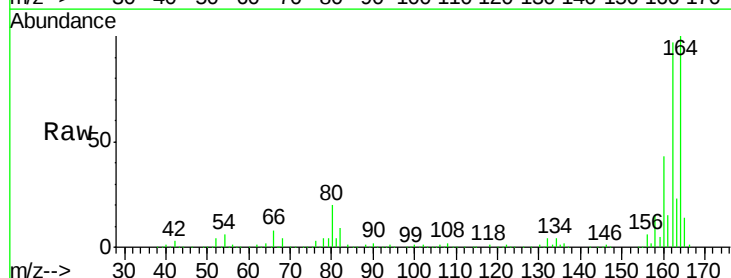
Tgt Ion: 164 Resp: 395321

Ion Ratio Lower Upper

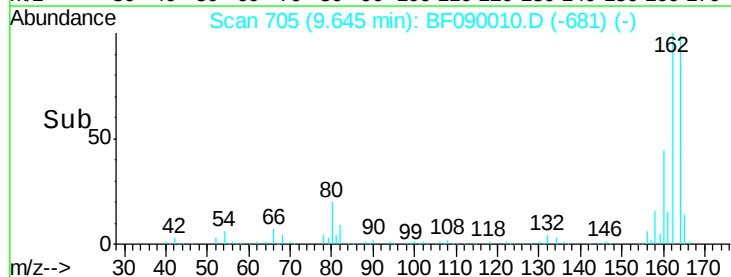
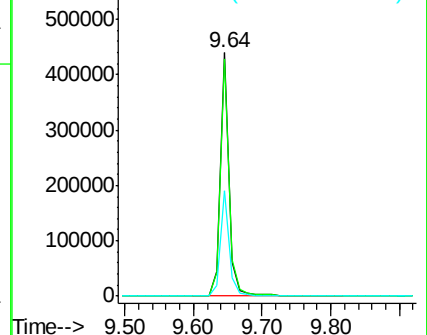
164 100

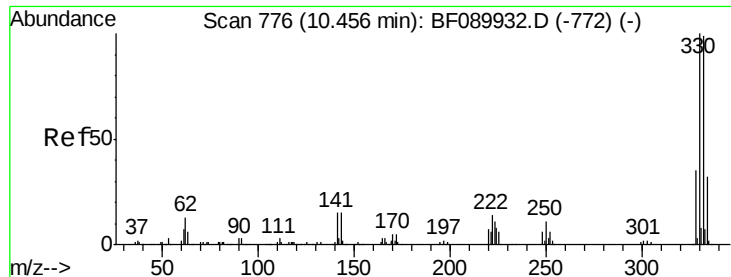
162 97.5 77.1 115.7

160 43.2 35.3 52.9



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

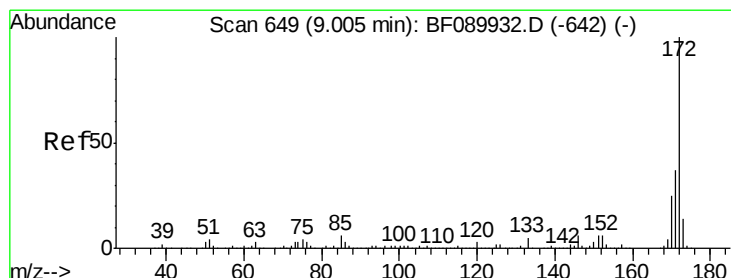
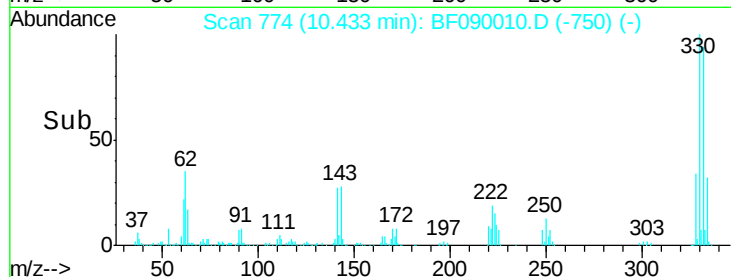
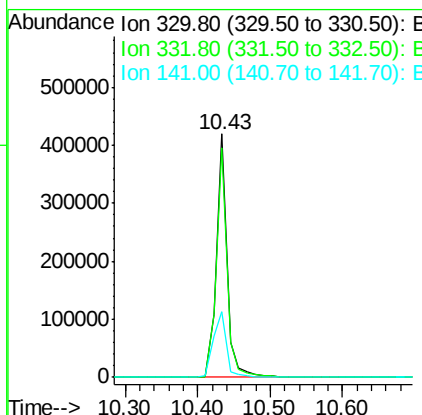
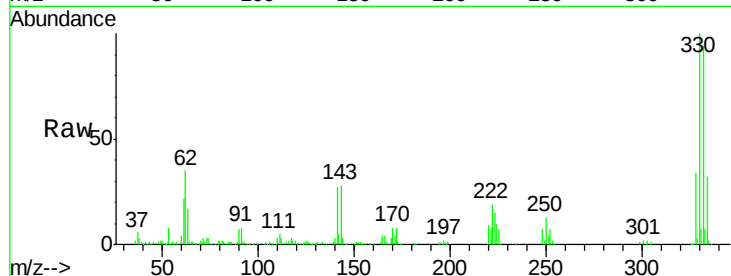




#41
 2,4,6-Tribromophenol
 Concen: 111.09 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090010.D
 Acq: 7 Sep 2016 17:43

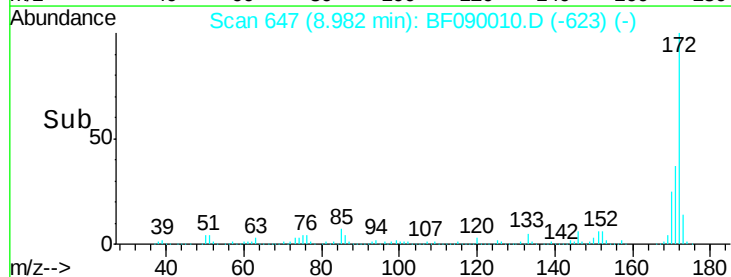
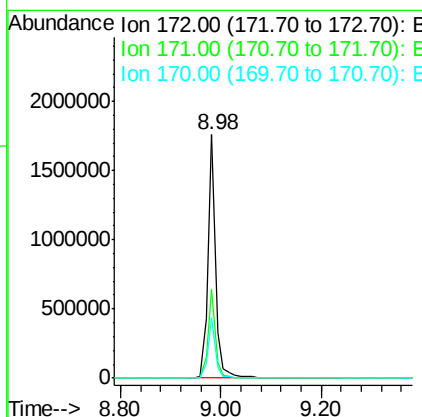
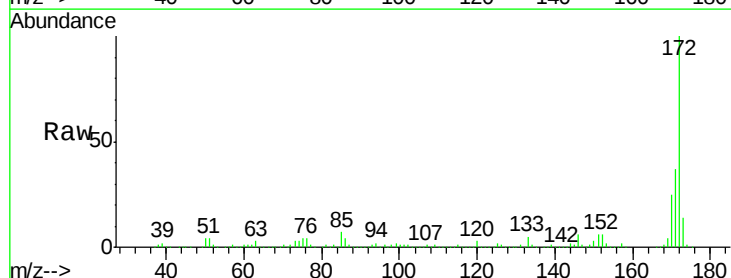
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-9

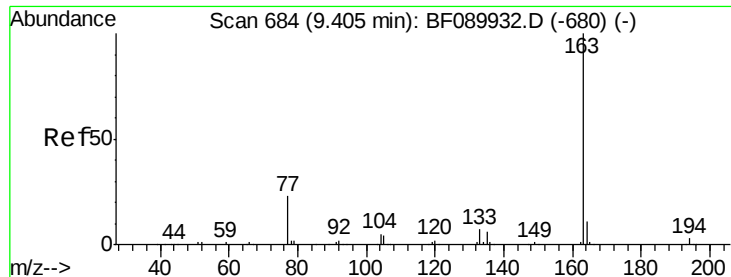
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	33.2	23.3	34.9



#44
 2-Fluorobiphenyl
 Concen: 77.66 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090010.D
 Acq: 7 Sep 2016 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	25.0	20.1	30.1





#49

Dimethylphthalate

Concen: 14.97 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

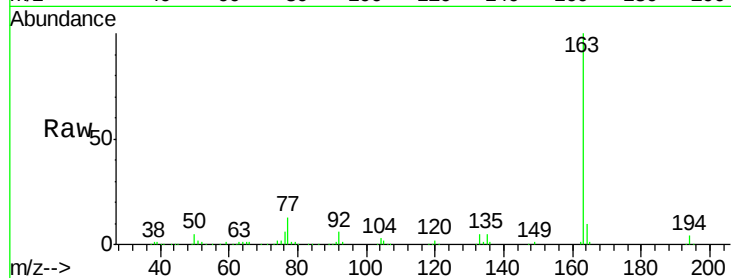
Tot Ion:163 Resp: 427877

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

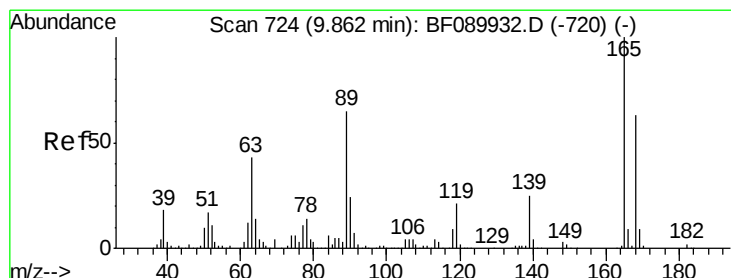
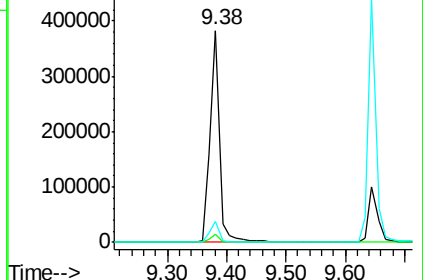
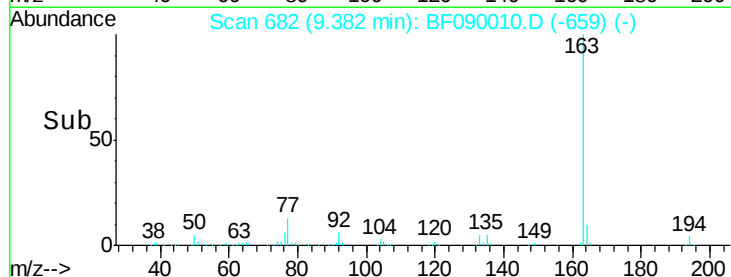
164 9.8 9.0 13.4



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: 6.62 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.22 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Tgt Ion:165 Resp: 53321

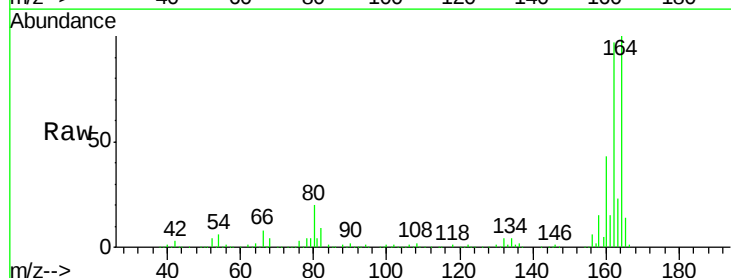
Ion Ratio Lower Upper

165 100

63 1.0 32.5 48.7#

89 1.0 48.3 72.5#

182 0.0 1.7 2.5#

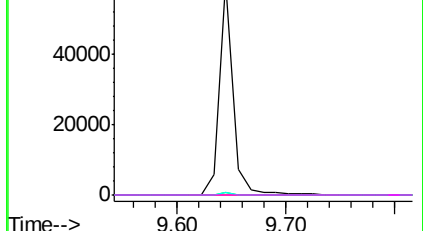
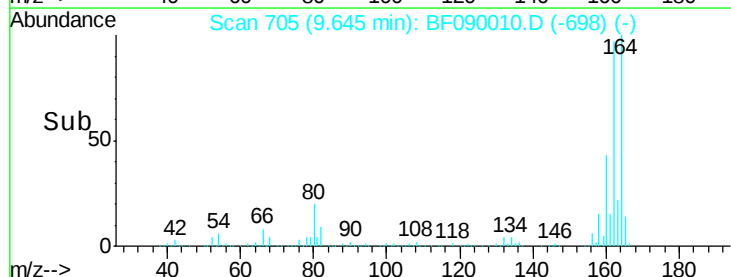


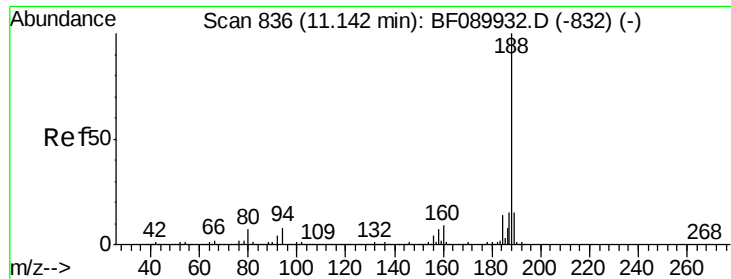
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

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RAMP-A(0-2)-9

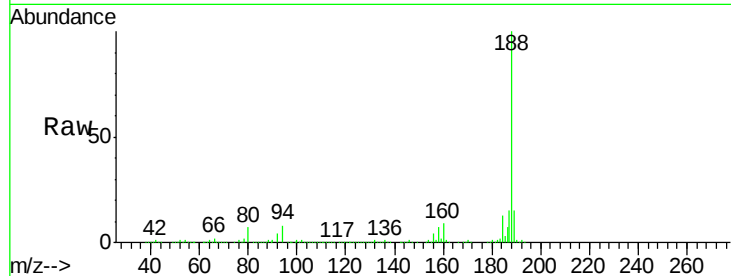
Tot Ion:188 Resp: 731687

Ion Ratio Lower Upper

188 100

94 7.8 5.9 8.9

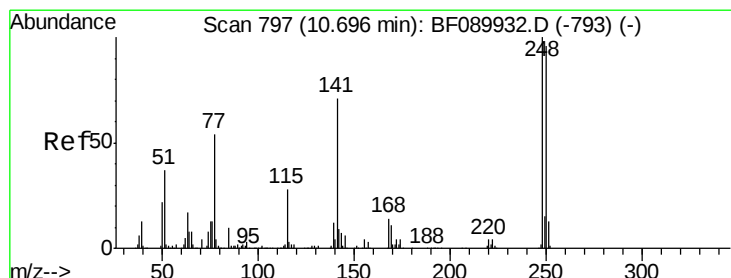
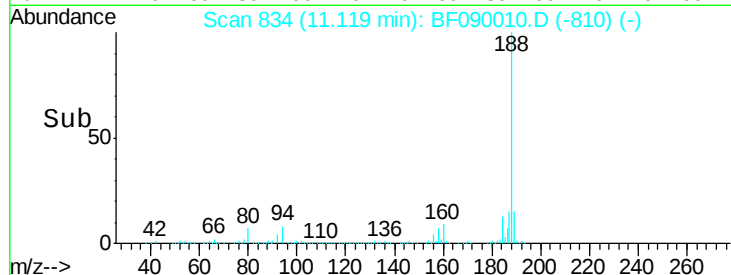
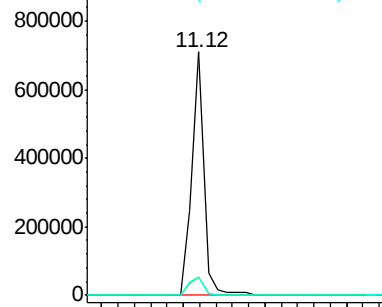
80 7.3 5.8 8.8



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: 4.15 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

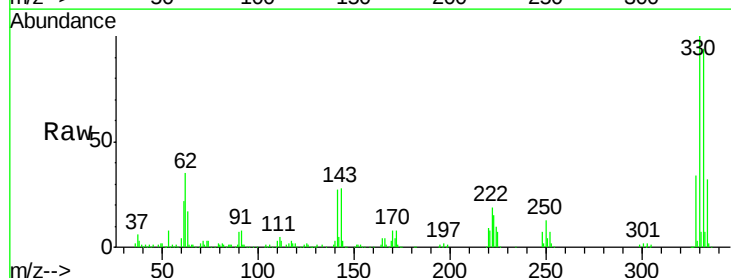
Tgt Ion:248 Resp: 30543

Ion Ratio Lower Upper

248 100

250 188.7 77.3 115.9#

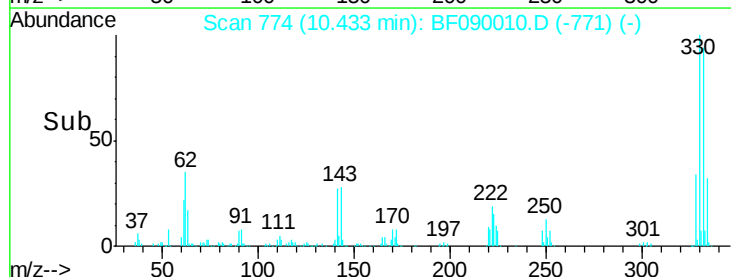
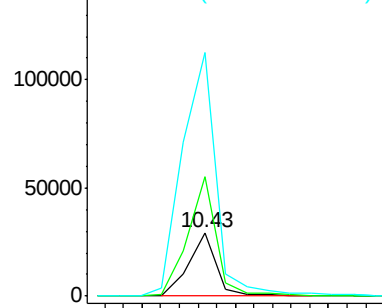
141 382.9 55.8 83.8#

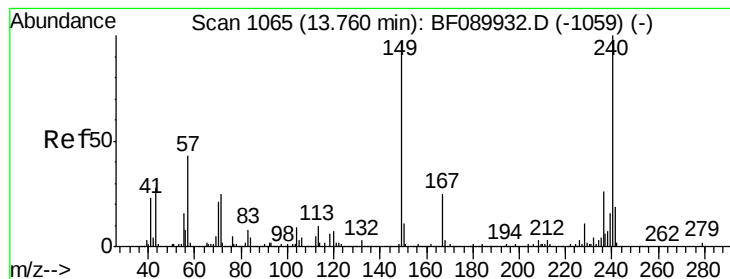


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-9

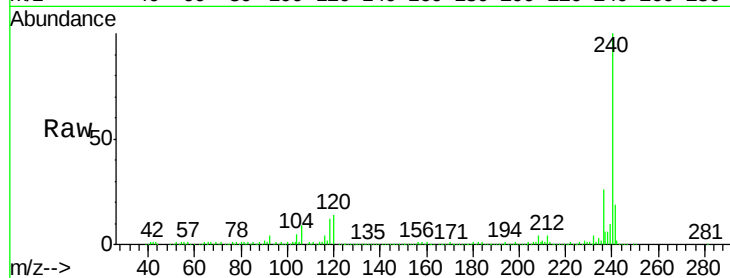
Tot Ion:240 Resp: 462806

Ion Ratio Lower Upper

240 100

120 13.9 5.7 8.5#

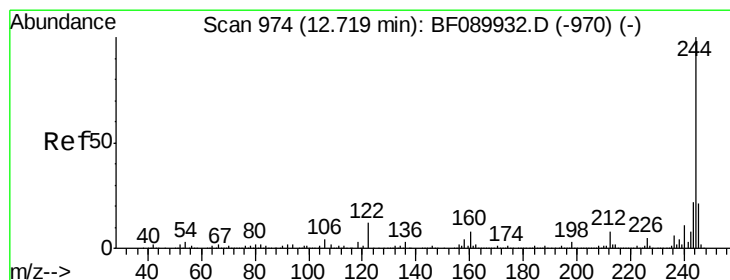
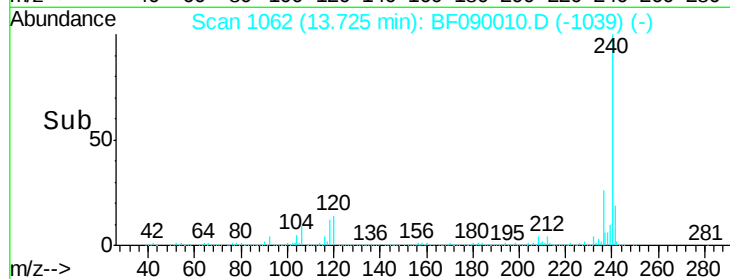
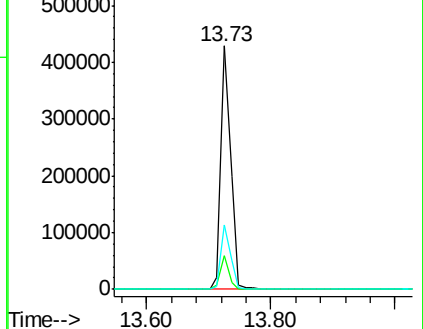
236 26.2 21.3 31.9



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: 82.66 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF090010.D

Acq: 7 Sep 2016 17:43

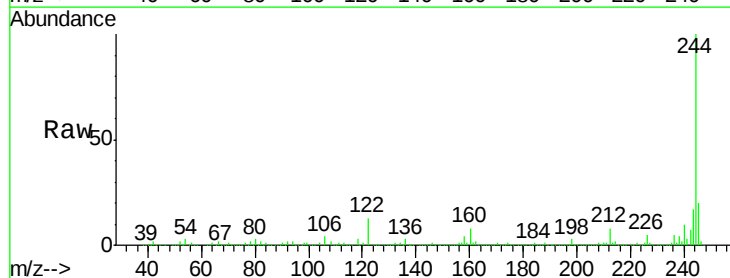
Tgt Ion:244 Resp: 1548663

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

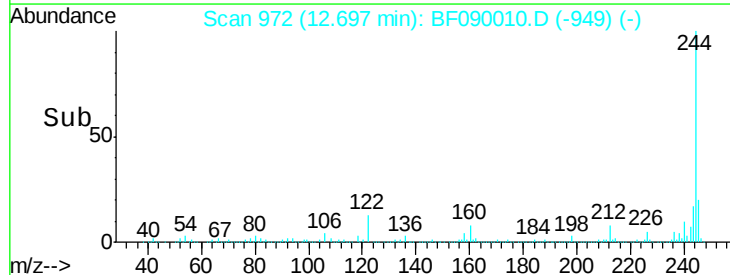
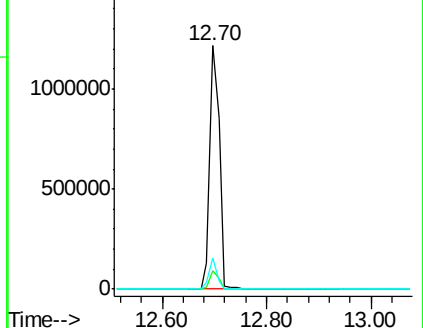
122 13.0 9.6 14.4

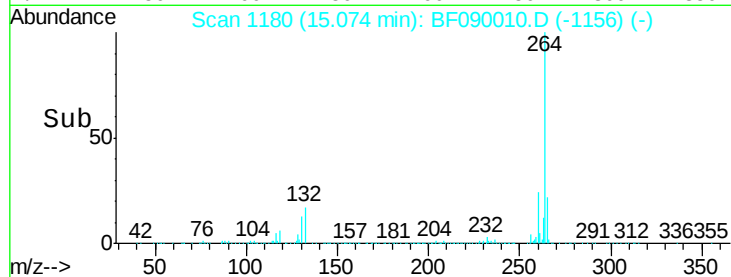
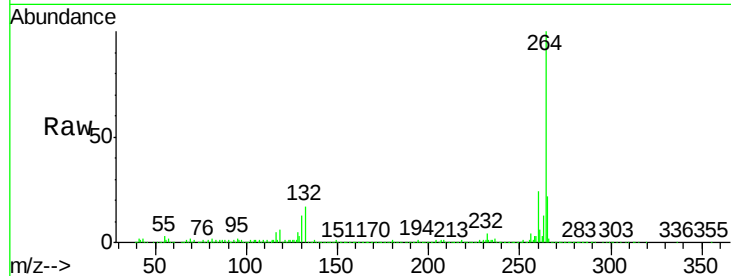
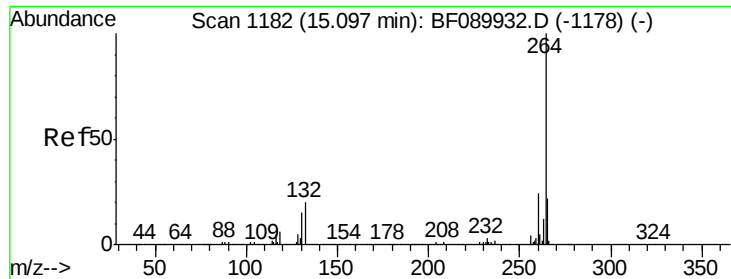


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090010.D
Acq: 7 Sep 2016 17:43

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.8	17.4	26.2

