

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090021.D
 Acq On : 7 Sep 2016 22:55
 Operator : UM/SJ
 Sample : H4686-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-005

Quant Time: Sep 08 07:18:18 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

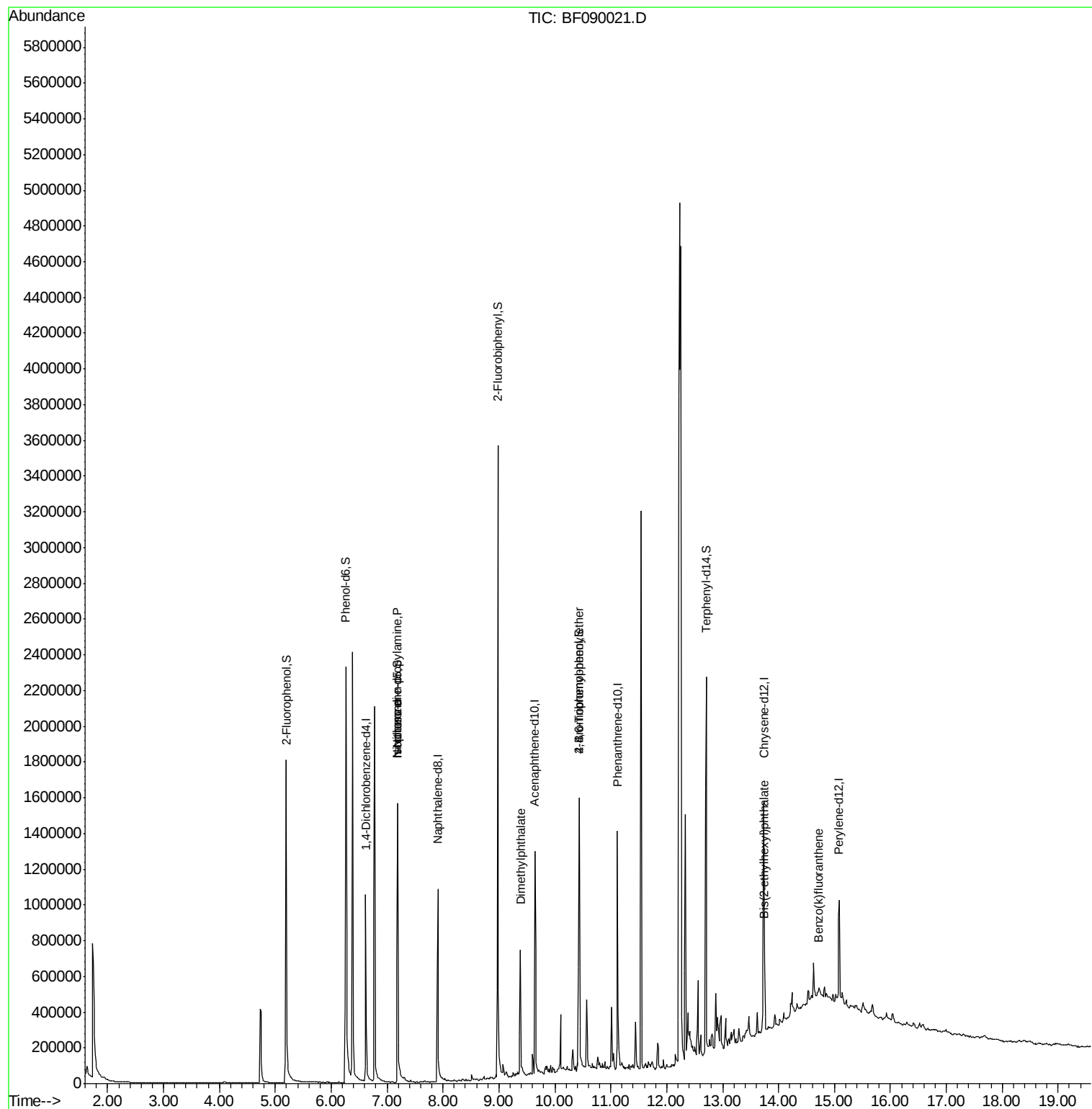
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	189228	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	730445	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	325051	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	554278	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	446618	20.00	ng	-0.02
86) Perylene-d12	15.09	264	311872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	882649	74.66	ng	-0.01
7) Phenol-d6	6.26	99	1088418	75.77	ng	-0.02
23) Nitrobenzene-d5	7.19	82	674376	53.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	225193	70.22	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1179871	59.58	ng	-0.02
78) Terphenyl-d14	12.71	244	918731	50.82	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	89223	9.53	ng	# 76
25) Isophorone	7.19	82	502734	19.63	ng	# 65
49) Dimethylphthalate	9.38	163	344630	14.67	ng	98
66) 4-Bromophenyl-phenylether	10.43	248	14955	2.68	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.75	149	65822	3.75	ng	97
88) Benzo(k)fluoranthene	14.72	252	33172	2.00	ng	# 70

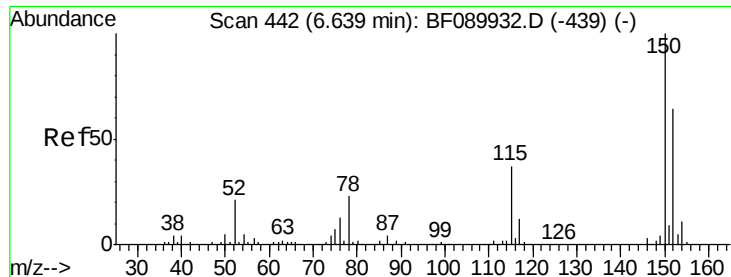
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090021.D
Acq On : 7 Sep 2016 22:55
Operator : UM/SJ
Sample : H4686-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-005

Quant Time: Sep 08 07:18:18 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

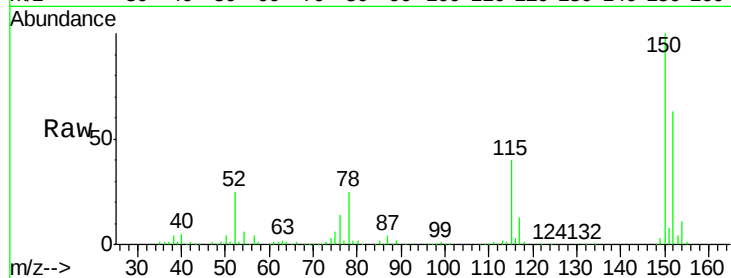
Tgt Ion:152 Resp: 189228

Ion Ratio Lower Upper

152 100

150 157.7 127.4 191.2

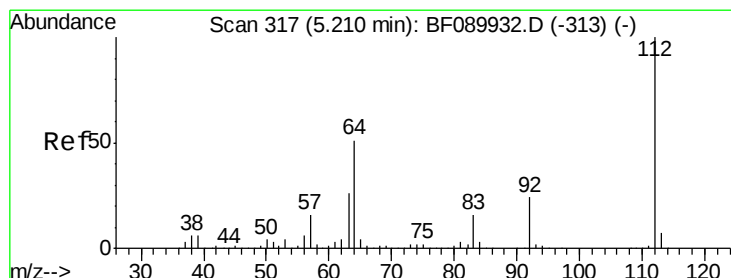
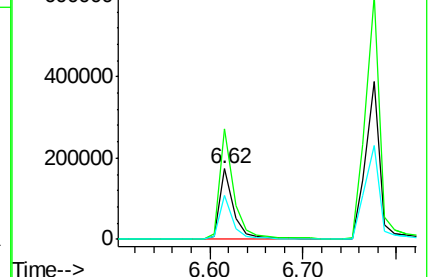
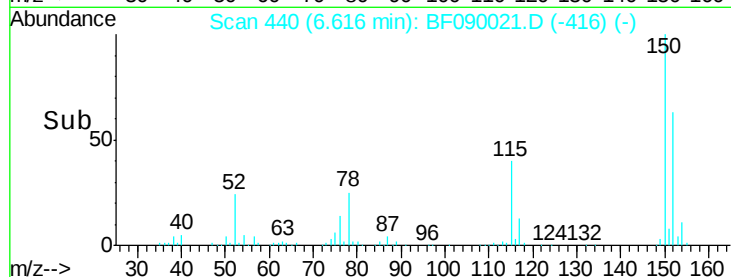
115 62.5 46.3 69.5



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: 74.66 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

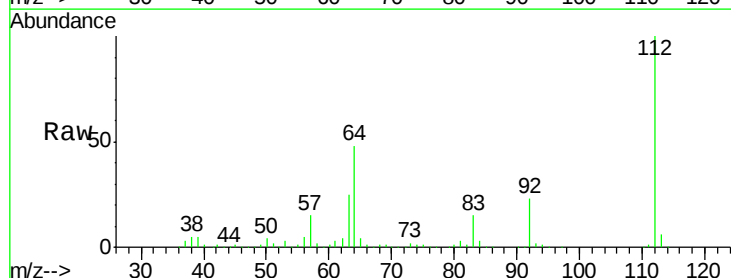
Tgt Ion:112 Resp: 882649

Ion Ratio Lower Upper

112 100

64 48.3 41.1 61.7

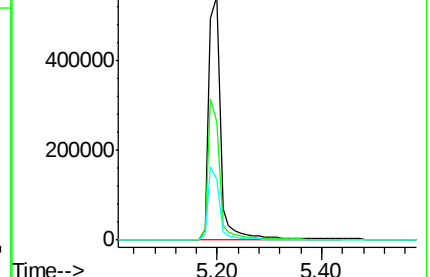
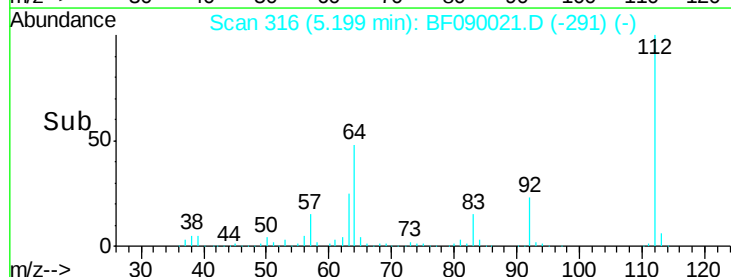
63 24.8 21.2 31.8

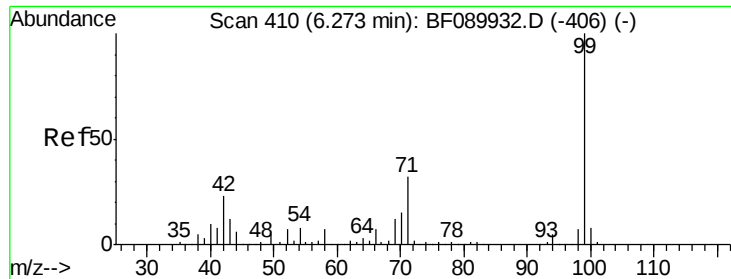


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.77 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

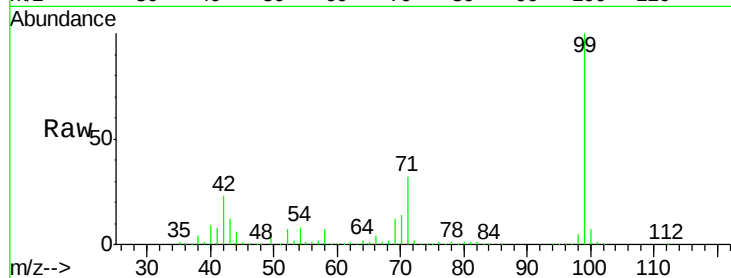
Tgt Ion: 99 Resp: 1088418

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

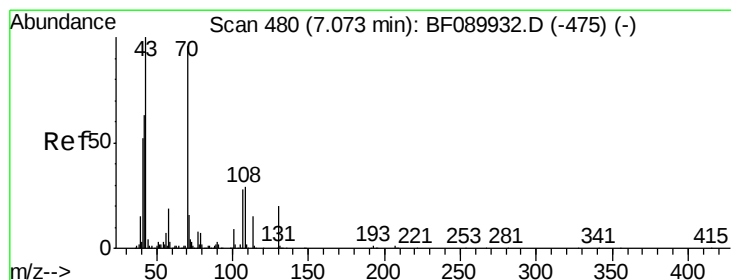
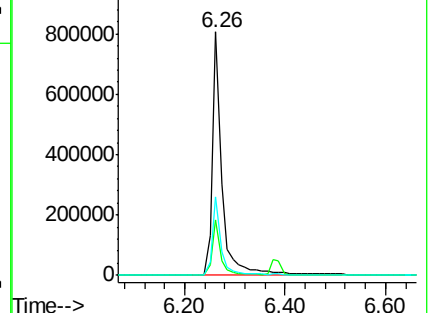
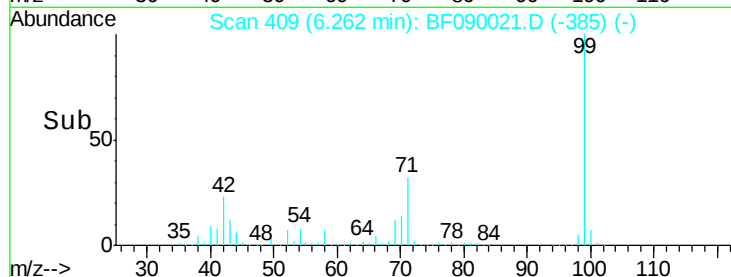
71 32.5 25.8 38.6



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: 9.53 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Tgt Ion: 70 Resp: 89223

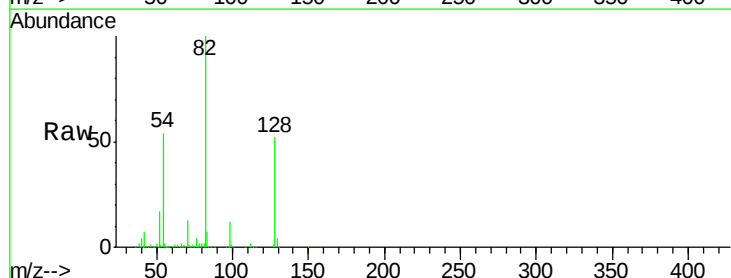
Ion Ratio Lower Upper

70 100

42 50.9 52.1 78.1#

101 0.0 7.4 11.2#

130 2.5 17.0 25.4#

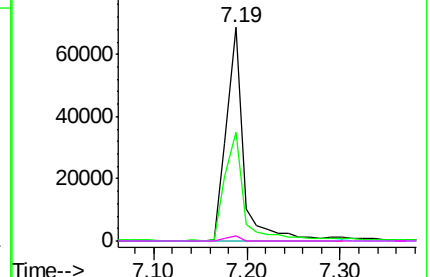
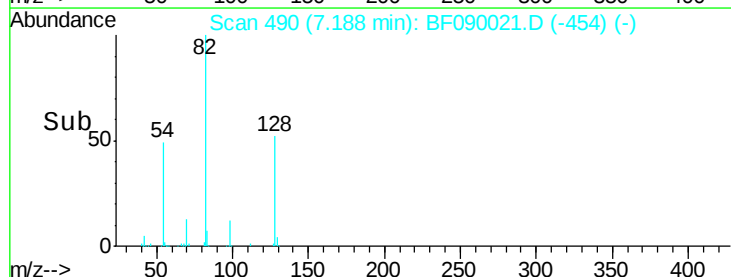


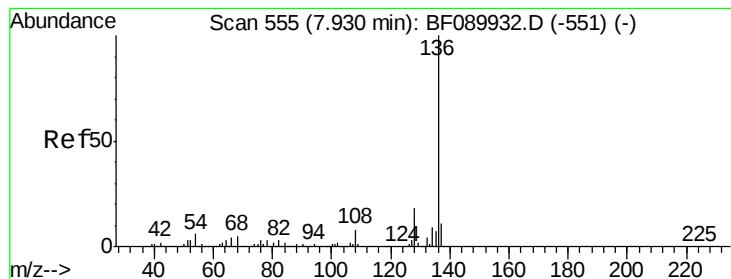
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

Tgt Ion: 136 Resp: 730445

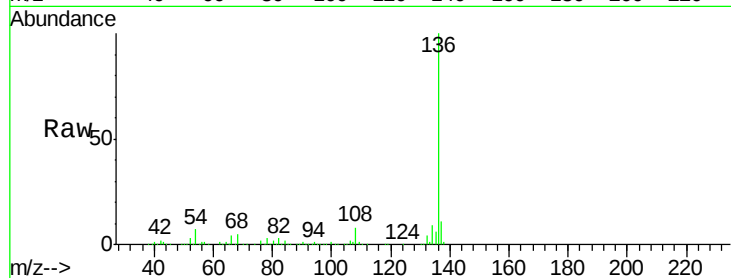
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 6.7 4.8 7.2

68 4.8 3.7 5.5

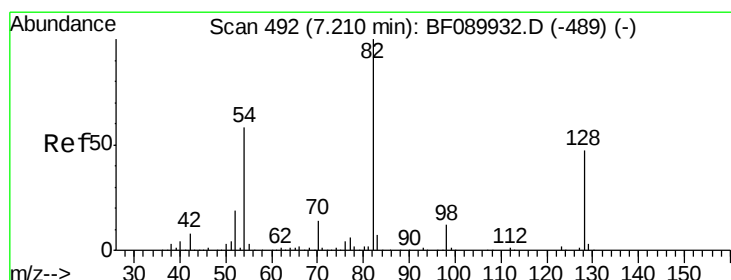
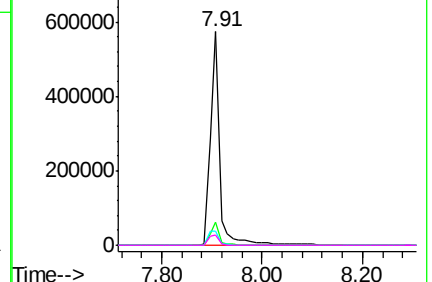
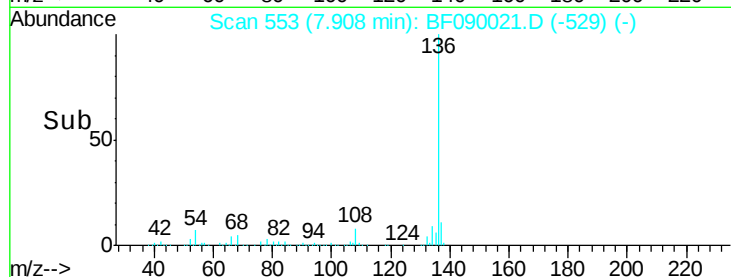


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 53.54 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

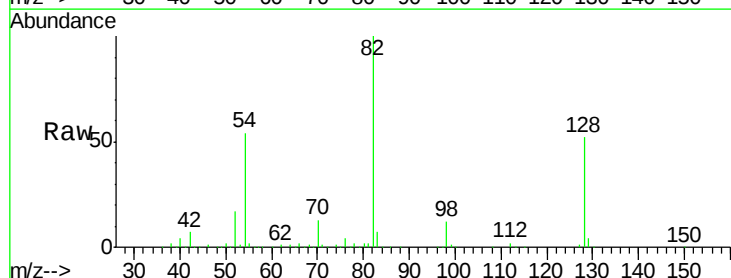
Tgt Ion: 82 Resp: 674376

Ion Ratio Lower Upper

82 100

128 51.6 37.8 56.8

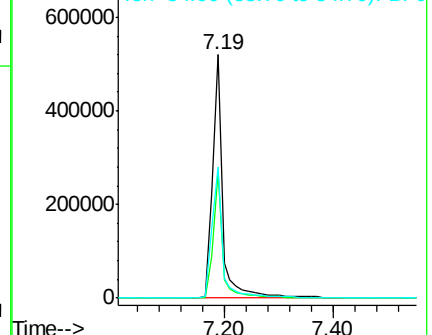
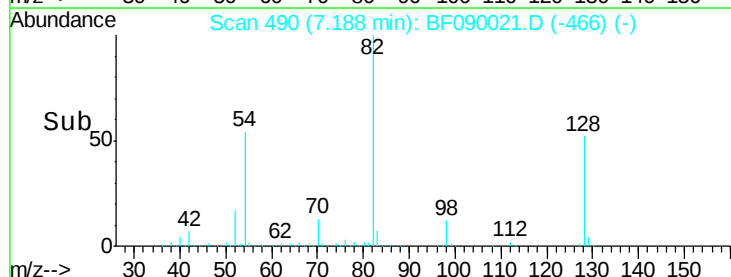
54 53.9 46.9 70.3

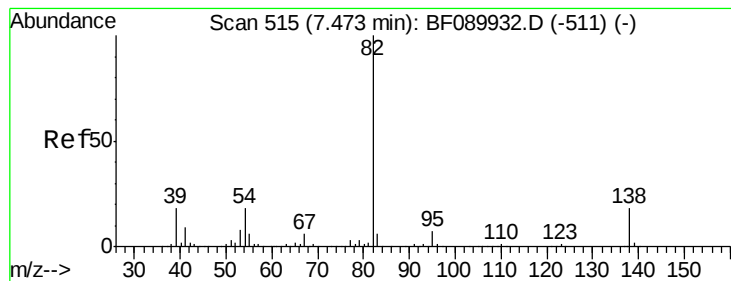


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 19.63 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

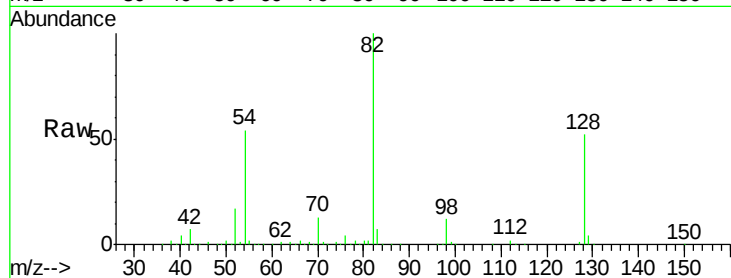
Tgt Ion: 82 Resp: 502734

Ion Ratio Lower Upper

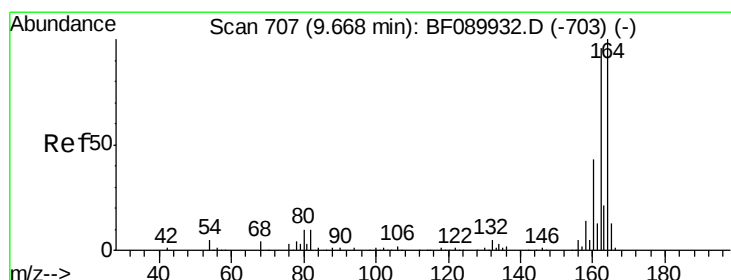
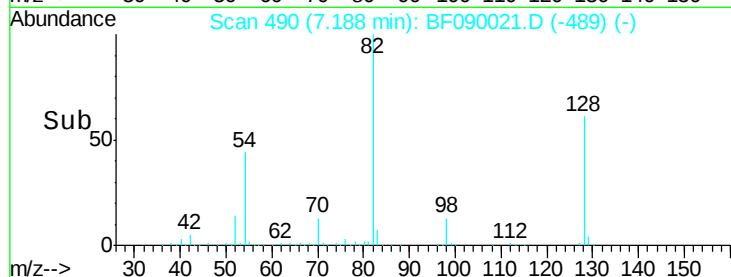
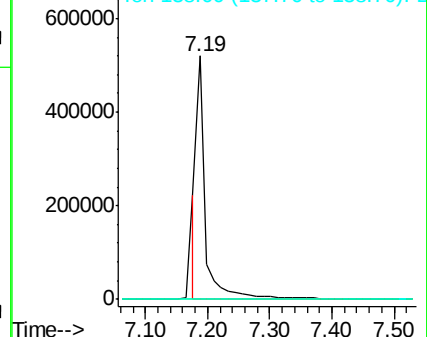
82 100

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: BF090021.D

Acq: 7 Sep 2016 22:55

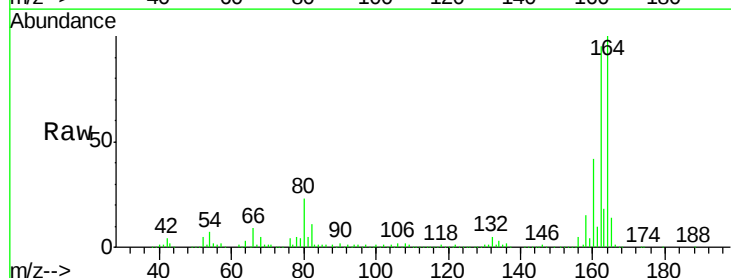
Tgt Ion: 164 Resp: 325051

Ion Ratio Lower Upper

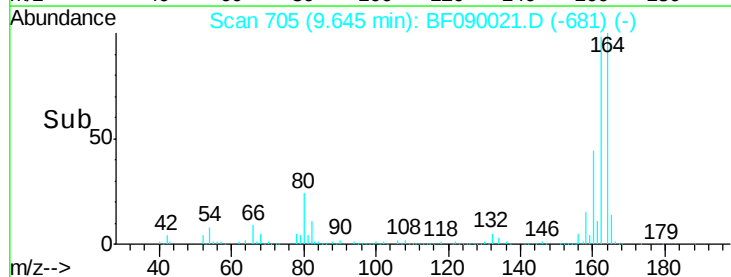
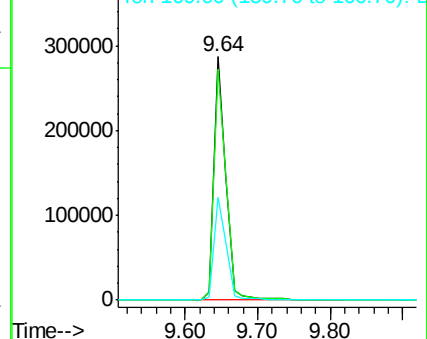
164 100

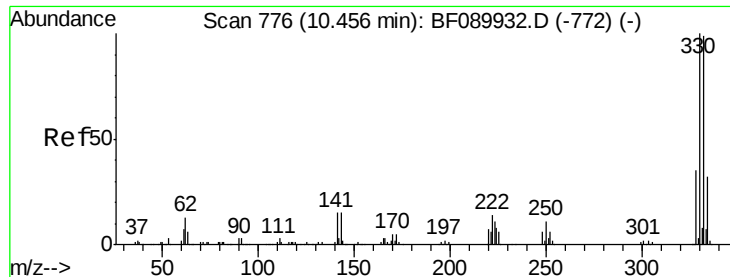
162 94.7 77.1 115.7

160 42.4 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

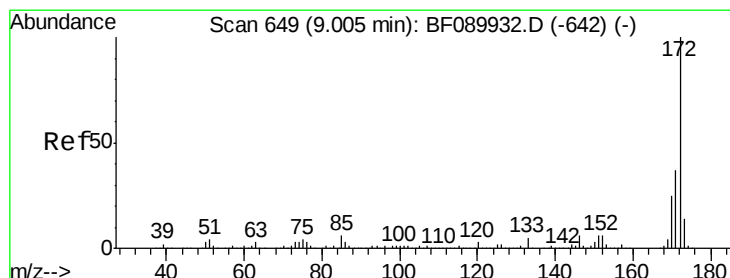
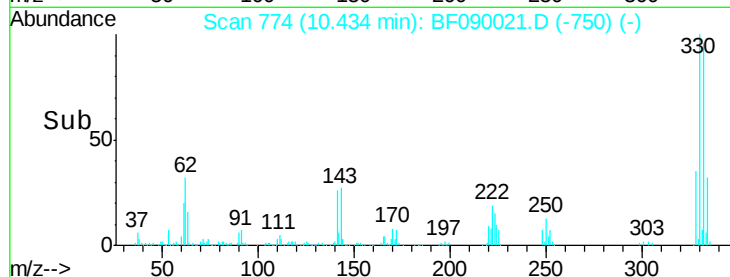
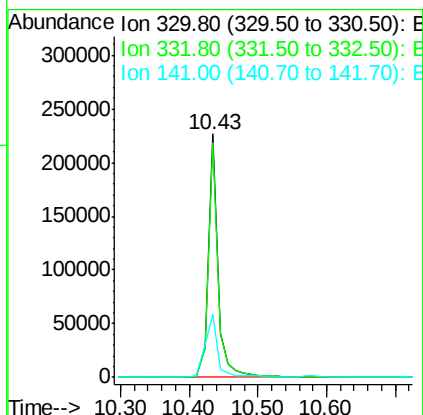
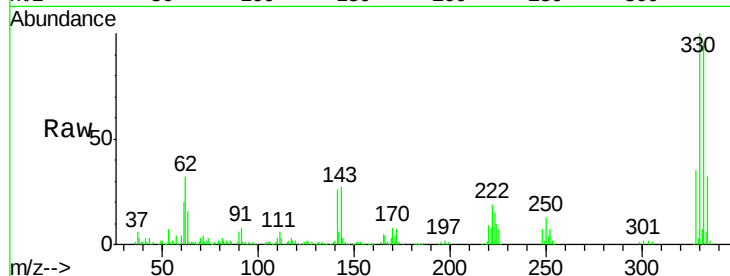




#41
 2,4,6-Tribromophenol
 Concen: 70.22 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090021.D
 Acq: 7 Sep 2016 22:55

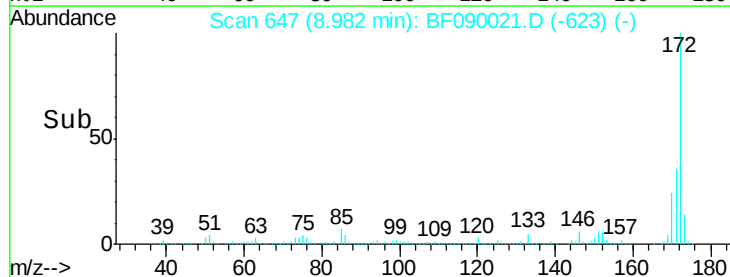
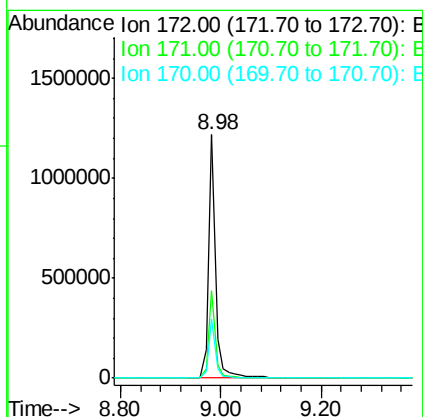
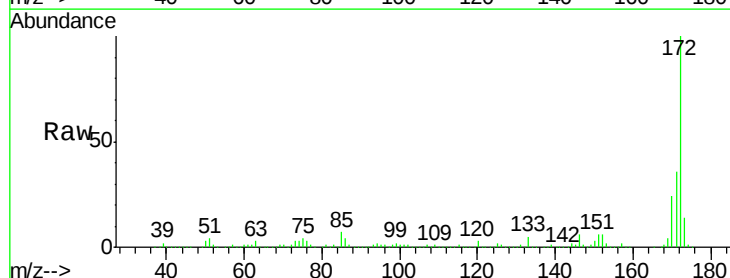
Instrument :
 BNA_F
 ClientSampleId :
 SP-005

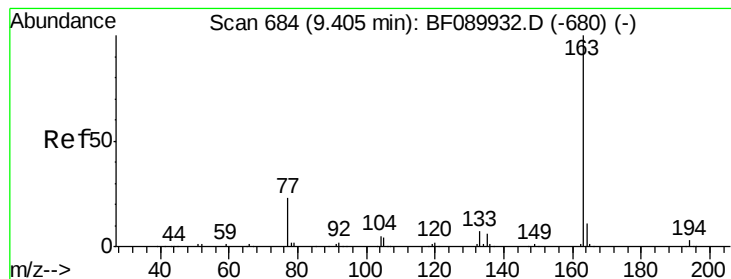
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	31.4	23.3	34.9



#44
 2-Fluorobiphenyl
 Concen: 59.58 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090021.D
 Acq: 7 Sep 2016 22:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.4	20.1	30.1





#49

Dimethylphthalate

Concen: 14.67 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

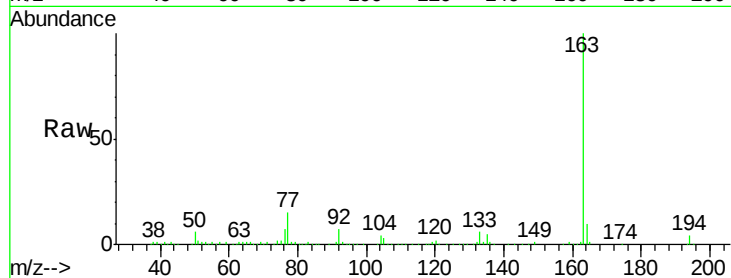
Tgt Ion:163 Resp: 344630

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

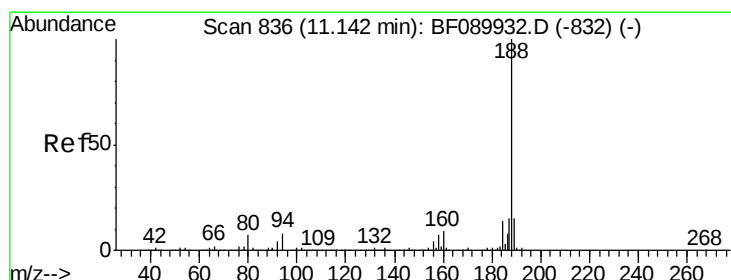
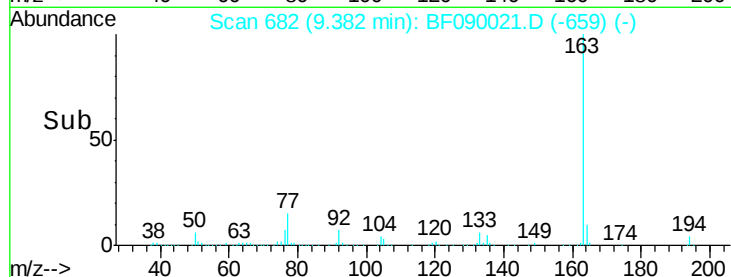
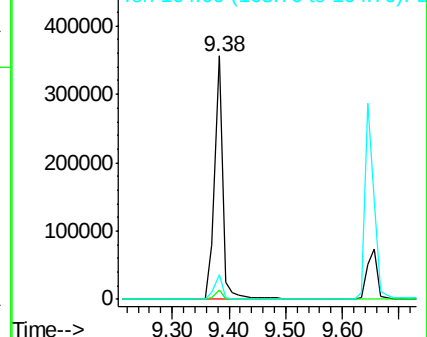
164 10.2 9.0 13.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

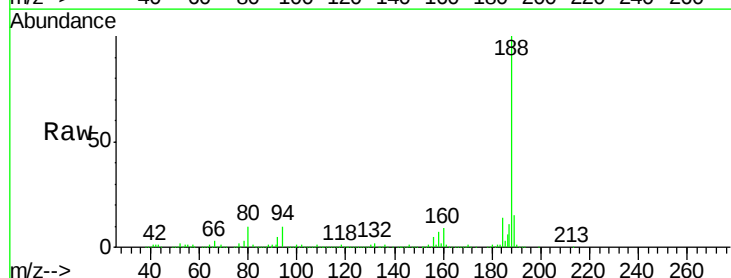
Tgt Ion:188 Resp: 554278

Ion Ratio Lower Upper

188 100

94 9.7 5.9 8.9#

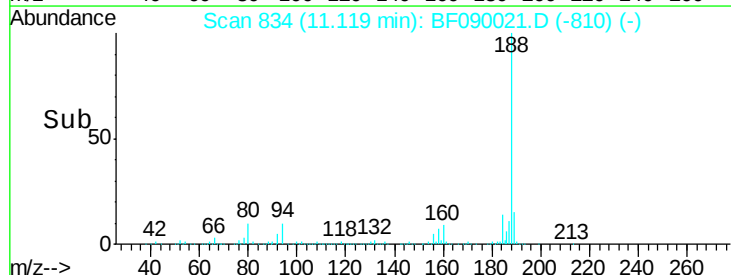
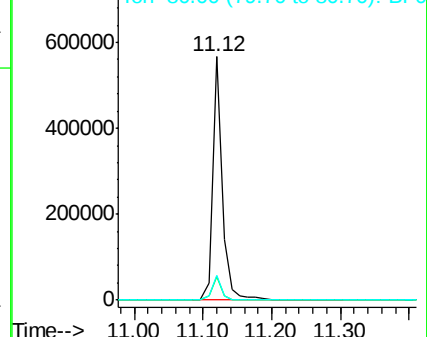
80 9.9 5.8 8.8#

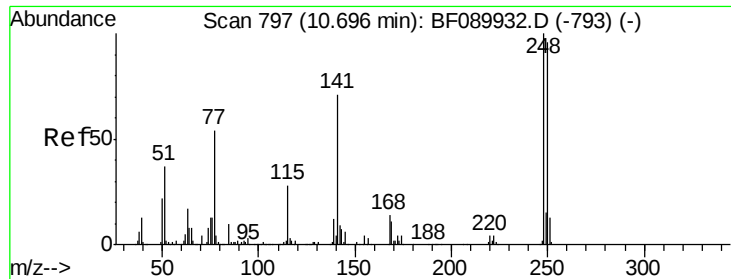


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.68 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

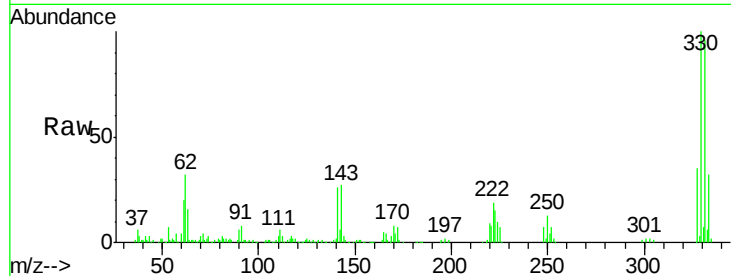
Tgt Ion:248 Resp: 14955

Ion Ratio Lower Upper

248 100

250 201.5 77.3 115.9#

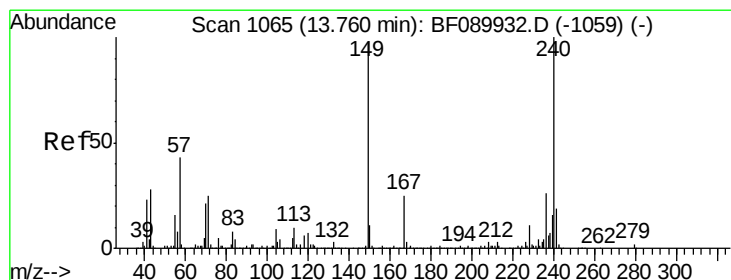
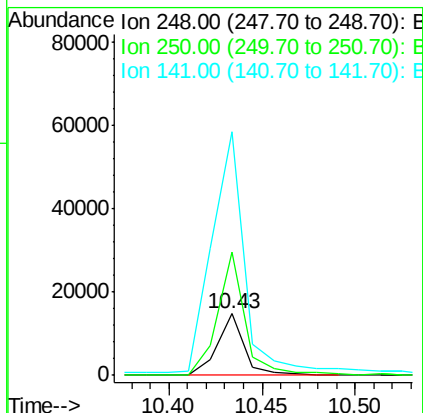
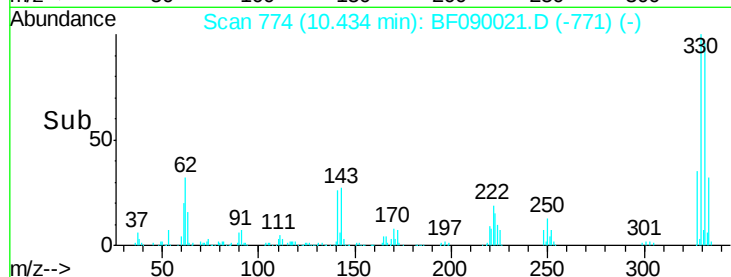
141 396.2 55.8 83.8#



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

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

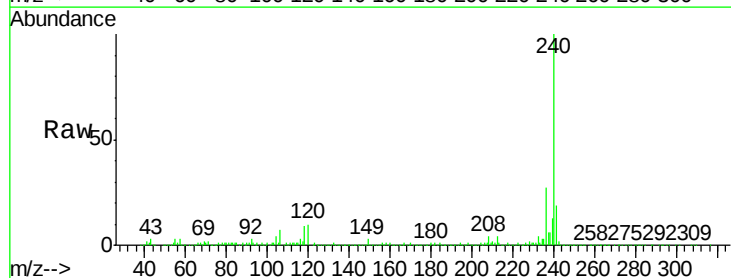
Tgt Ion:240 Resp: 446618

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

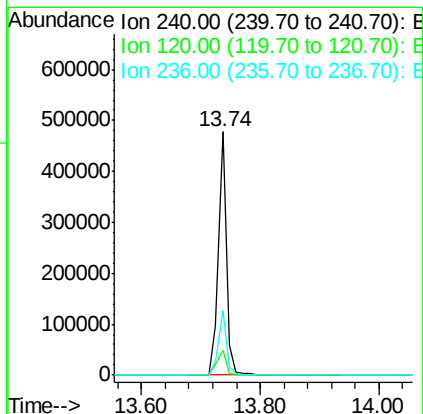
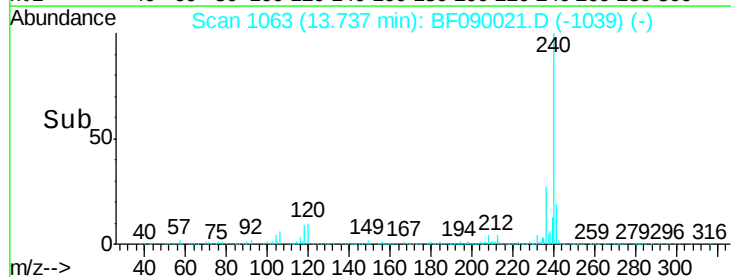
236 26.7 21.3 31.9

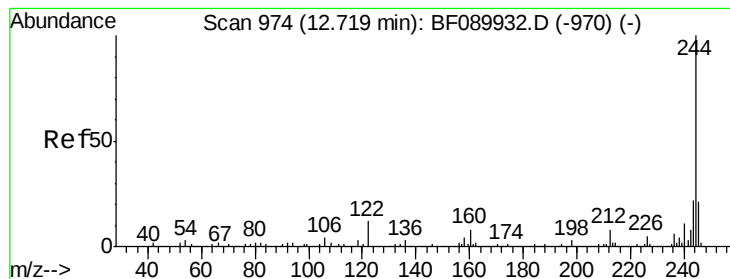


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.82 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

Instrument :

BNA_F

ClientSampleId :

SP-005

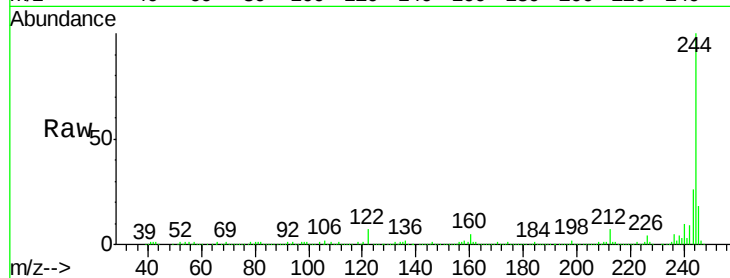
Tgt Ion:244 Resp: 918731

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

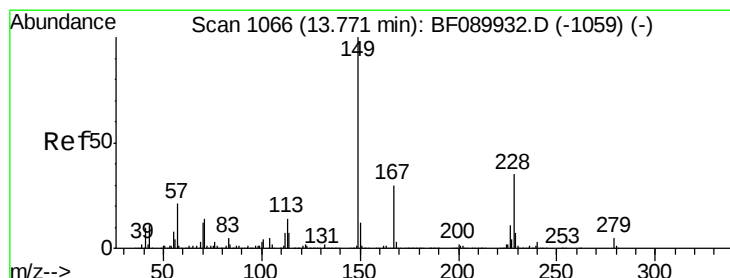
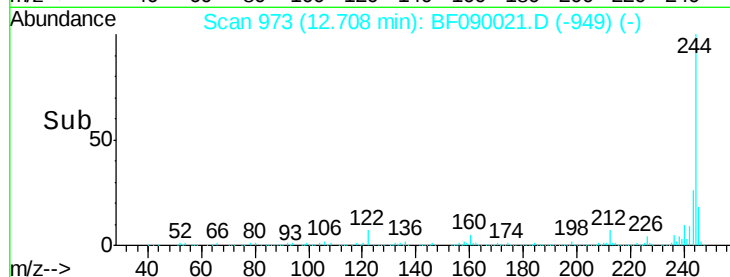
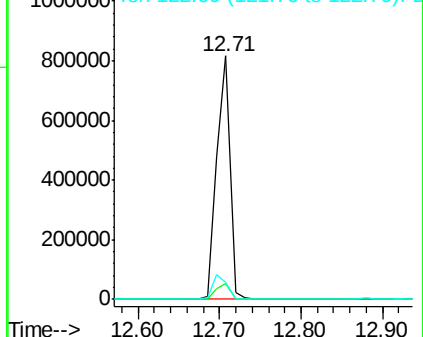
122 6.9 9.6 14.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.75 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF090021.D

Acq: 7 Sep 2016 22:55

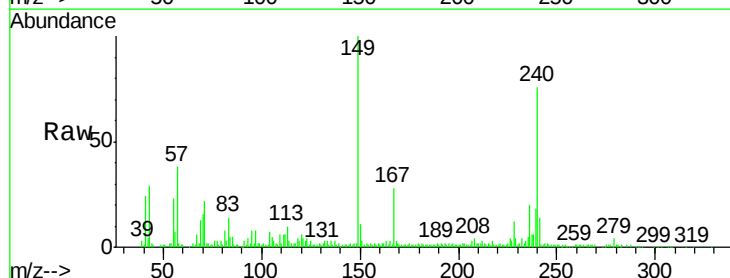
Tgt Ion:149 Resp: 65822

Ion Ratio Lower Upper

149 100

167 28.0 23.6 35.4

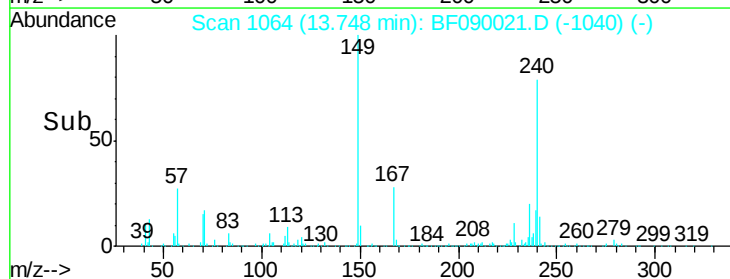
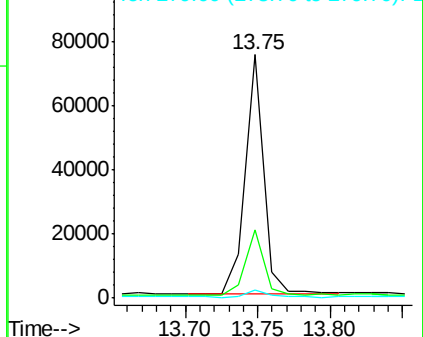
279 3.5 3.4 5.2

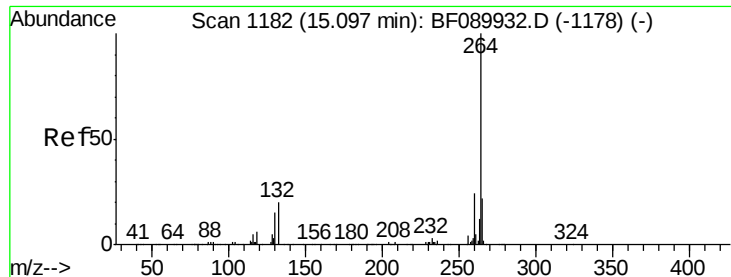


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

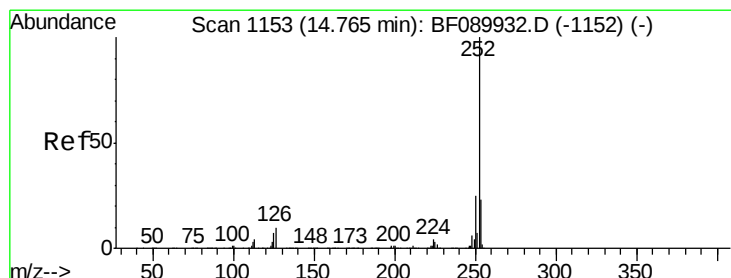
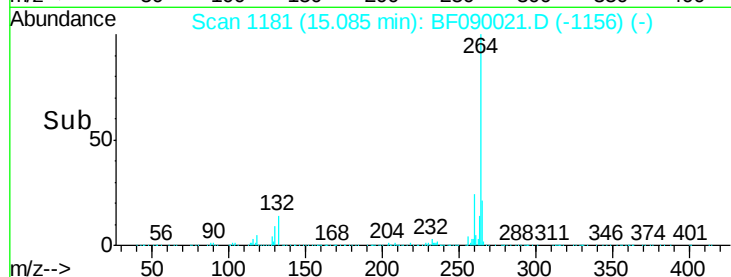
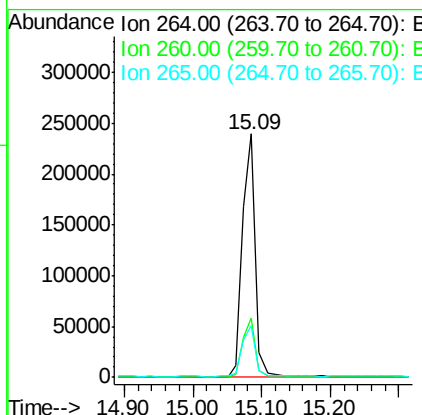
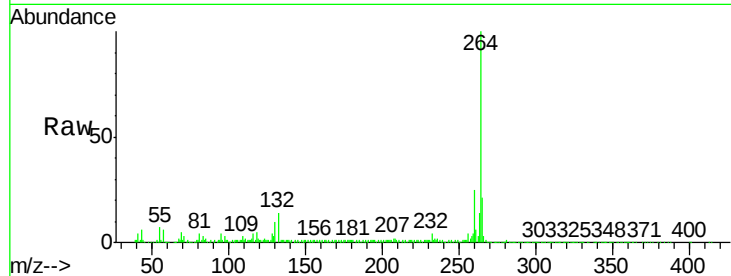




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090021.D
Acq: 7 Sep 2016 22:55

Instrument :
BNA_F
ClientSampleId :
SP-005

Tgt Ion:264 Resp: 311872
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 21.0 17.4 26.2



#88
Benzo(k)fluoranthene
Concen: 2.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF090021.D
Acq: 7 Sep 2016 22:55

Tgt Ion:252 Resp: 33172
Ion Ratio Lower Upper
252 100
253 32.1 17.8 26.8#
125 28.2 7.3 10.9#

