

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089982.D
 Acq On : 2 Sep 2016 18:36
 Operator : UM/SJ
 Sample : H4675-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-4

Quant Time: Sep 02 23:01:31 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

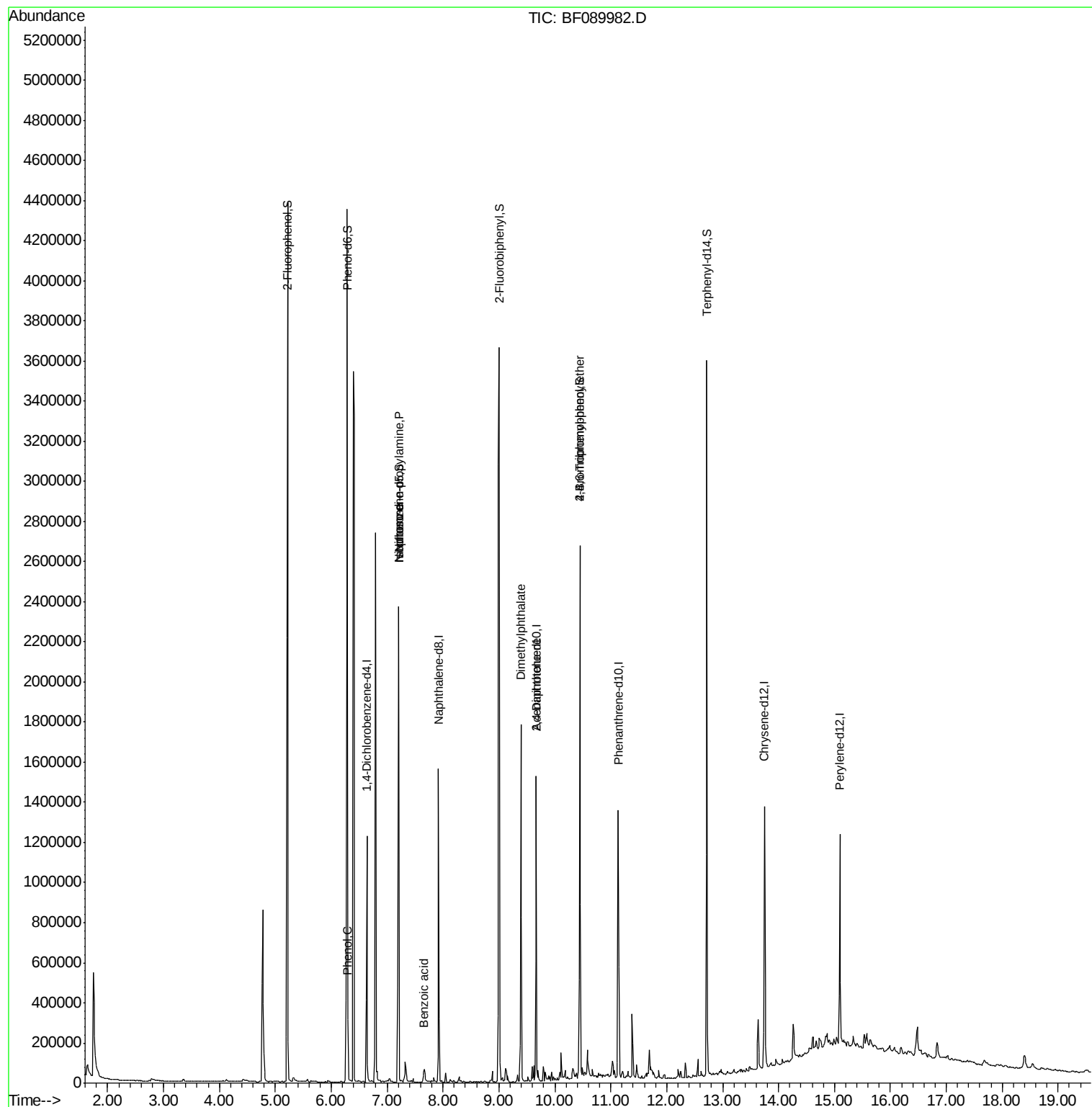
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	188134	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	676411	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	338067	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	546443	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	438893	20.00	ng	-0.01
86) Perylene-d12	15.10	264	432296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1363812	116.03	ng	0.01
7) Phenol-d6	6.28	99	1696435	118.78	ng	0.00
23) Nitrobenzene-d5	7.21	82	1135207	97.33	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	366618	109.92	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1727109	83.86	ng	0.00
78) Terphenyl-d14	12.72	244	1158141	65.18	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	66731	4.02	ng	# 56
19) n-Nitroso-di-n-propylamine	7.21	70	149646	16.08	ng	# 74
25) Isophorone	7.21	82	1024345	43.19	ng	# 65
32) Benzoic acid	7.66	122	16768	2.27	ng	85
49) Dimethylphthalate	9.39	163	903117	36.96	ng	100
56) 2,4-Dinitrotoluene	9.67	165	42176	6.12	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	22632	4.11	ng	# 1

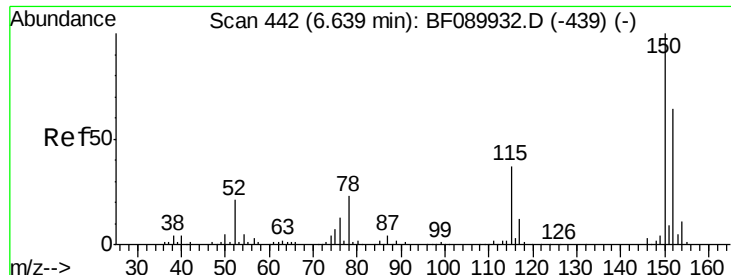
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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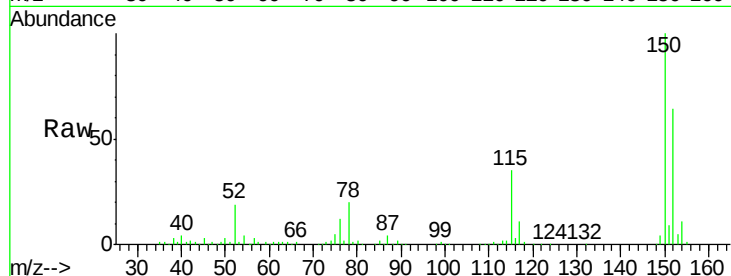




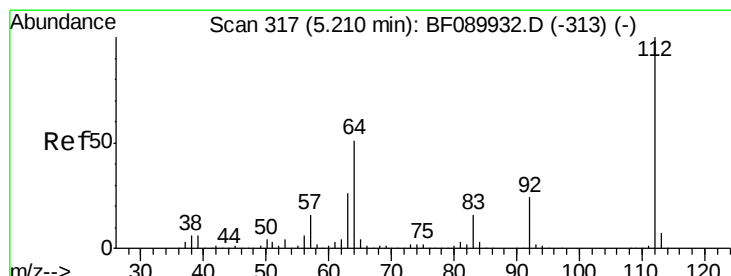
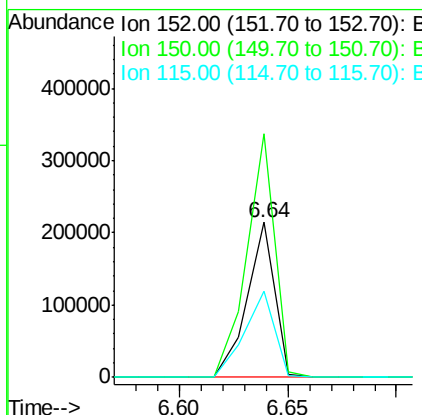
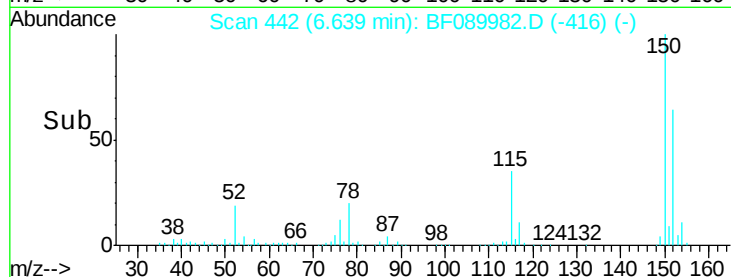
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-4

Tgt Ion:152 Resp: 188134
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.4 191.2
 115 55.6 46.3 69.5

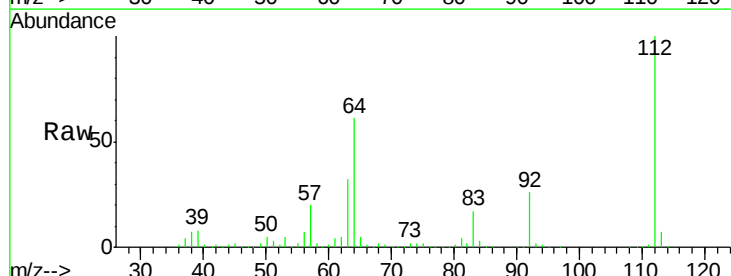


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

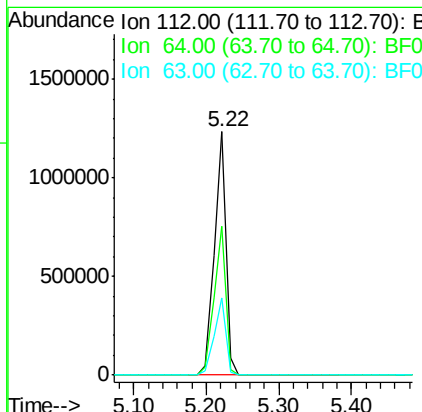
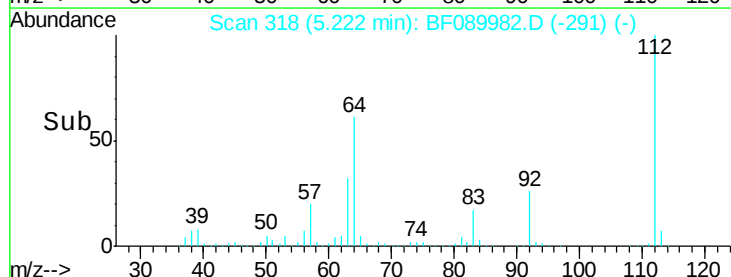


#5
 2-Fluorophenol
 Concen: 116.03 ng
 RT: 5.22 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Tgt Ion:112 Resp: 1363812
 Ion Ratio Lower Upper
 112 100
 64 61.1 41.1 61.7
 63 31.7 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: 118.78 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-4

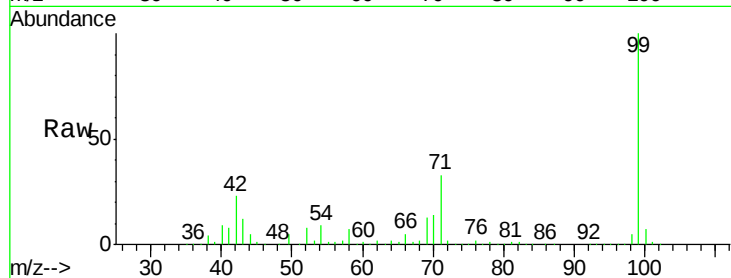
Tgt Ion: 99 Resp: 1696435

Ion Ratio Lower Upper

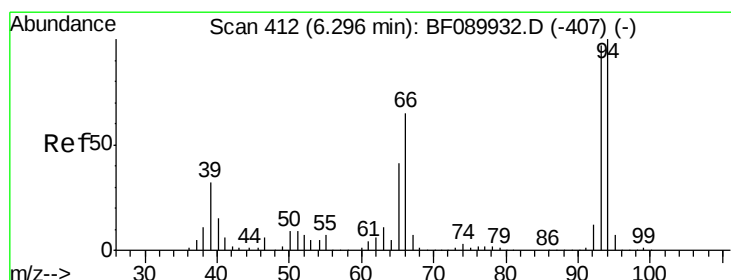
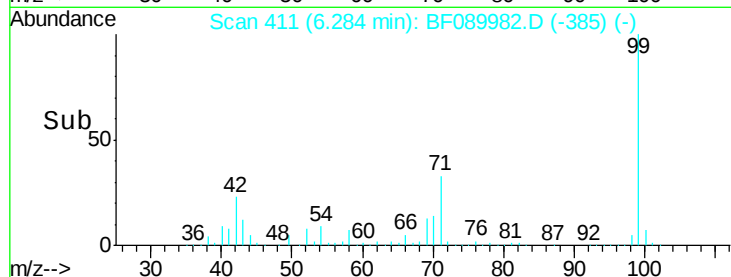
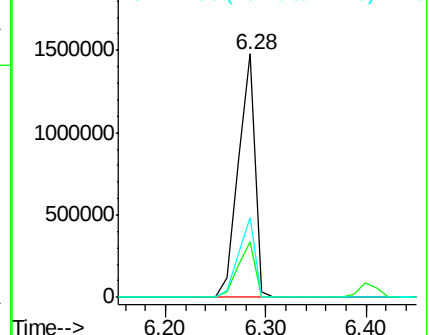
99 100

42 23.0 18.6 27.8

71 32.7 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



#10

Phenol

Concen: 4.02 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

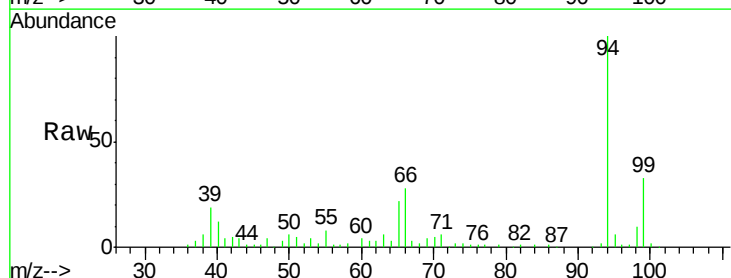
Tgt Ion: 94 Resp: 66731

Ion Ratio Lower Upper

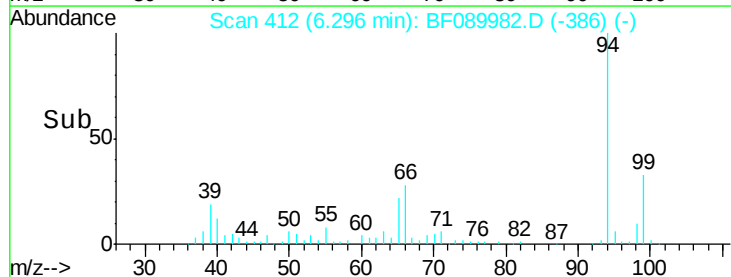
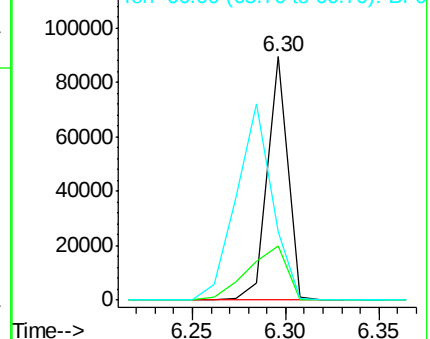
94 100

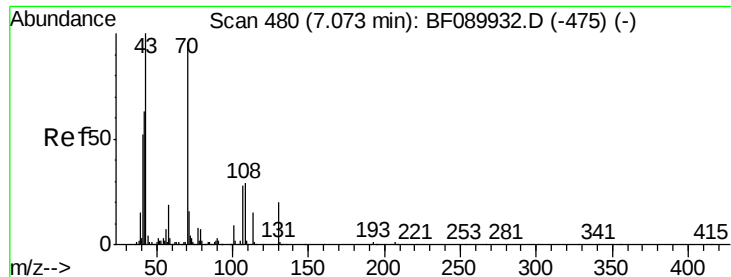
65 22.0 23.2 63.2#

66 27.9 49.2 89.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

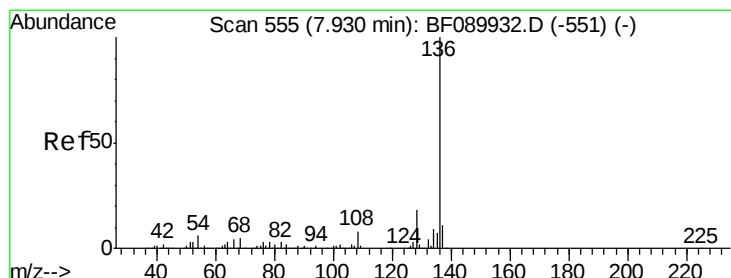
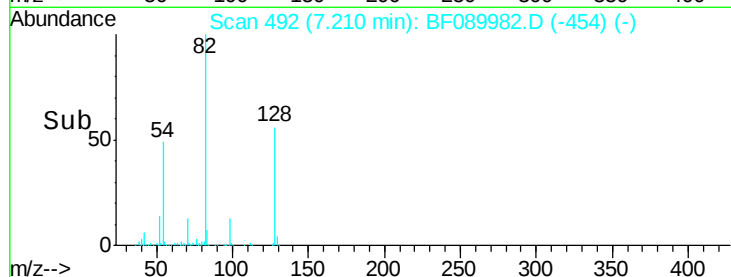
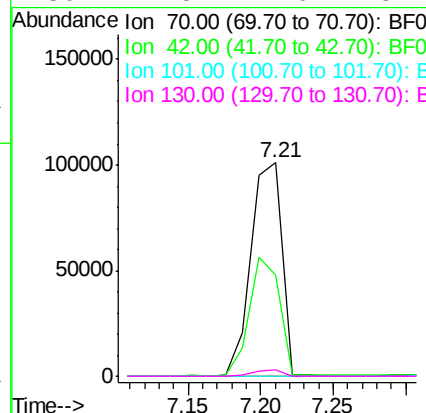
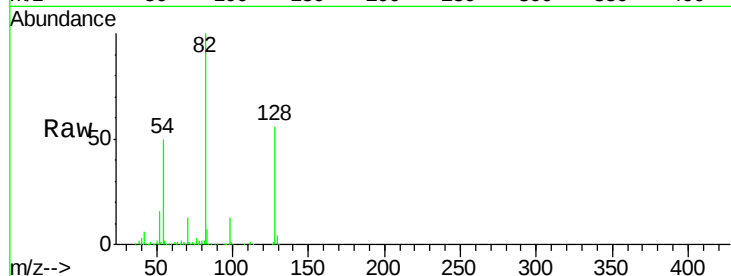




#19
n-Nitroso-di-n-propylamine
Concen: 16.08 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF089982.D
Acq: 2 Sep 2016 18:36

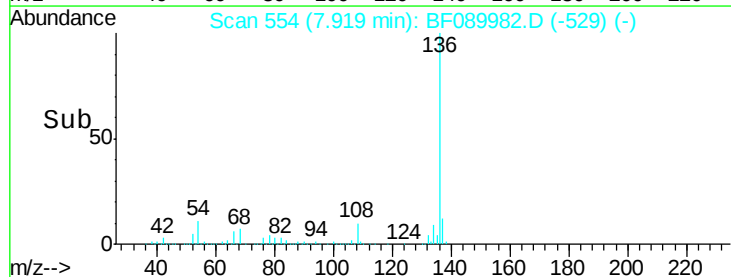
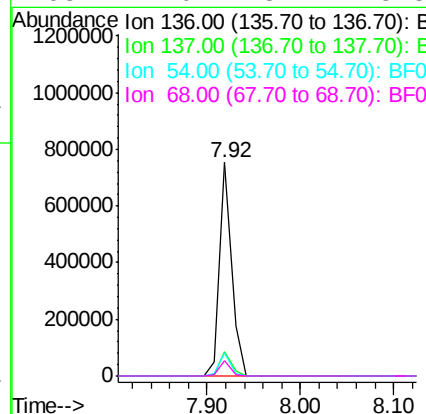
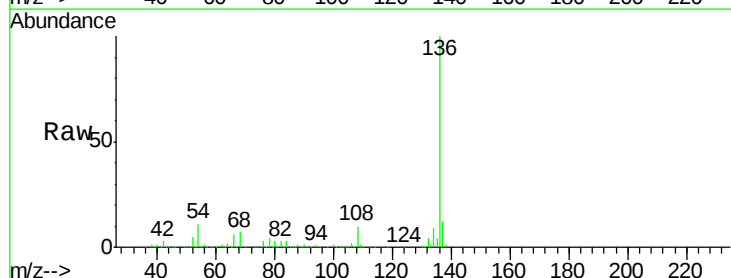
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-4

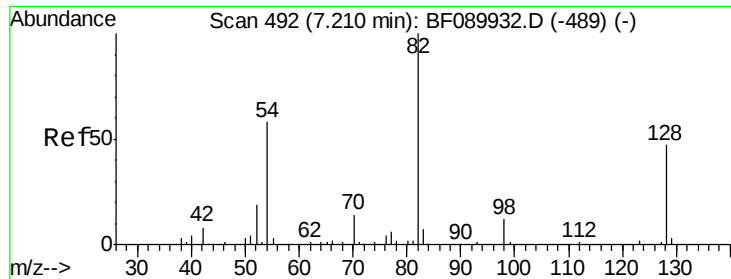
Tgt Ion: 70 Resp: 149646
Ion Ratio Lower Upper
70 100
42 47.6 52.1 78.1#
101 0.0 7.4 11.2#
130 2.8 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089982.D
Acq: 2 Sep 2016 18:36

Tgt Ion: 136 Resp: 676411
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 10.6 4.8 7.2#
68 7.0 3.7 5.5#

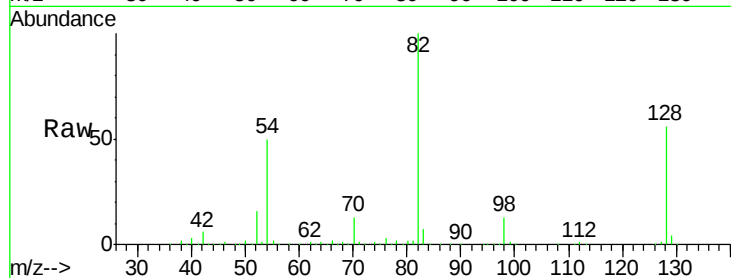




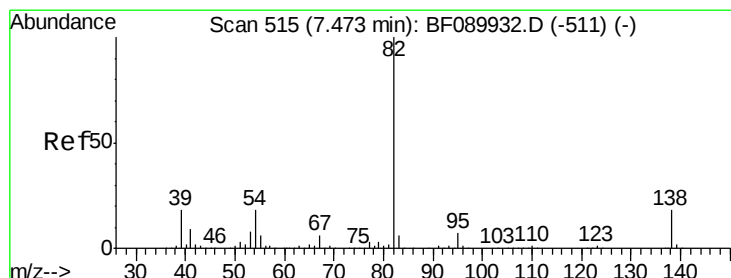
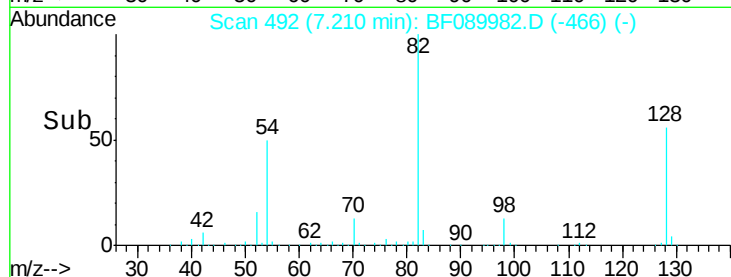
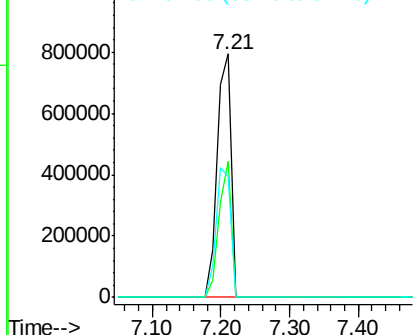
#23
 Nitrobenzene-d5
 Concen: 97.33 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-4

Tgt Ion: 82 Resp: 1135207
 Ion Ratio Lower Upper
 82 100
 128 55.7 37.8 56.8
 54 49.7 46.9 70.3

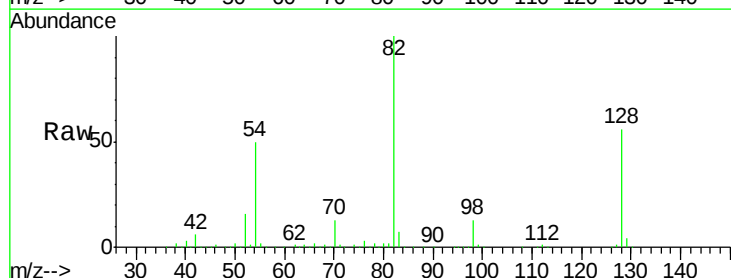


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

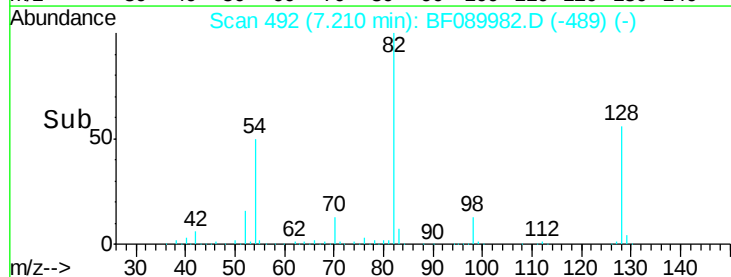
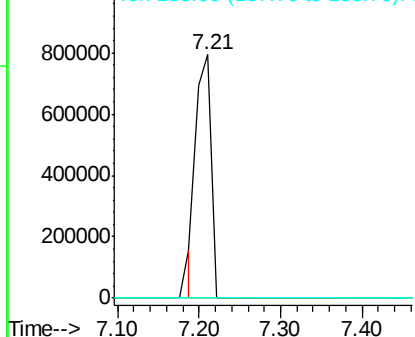


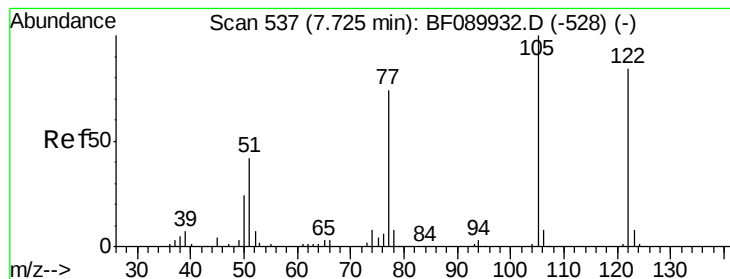
#25
 Isophorone
 Concen: 43.19 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.26 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Tgt Ion: 82 Resp: 1024345
 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





#32

Benzoic acid

Concen: 2.27 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.08 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-4

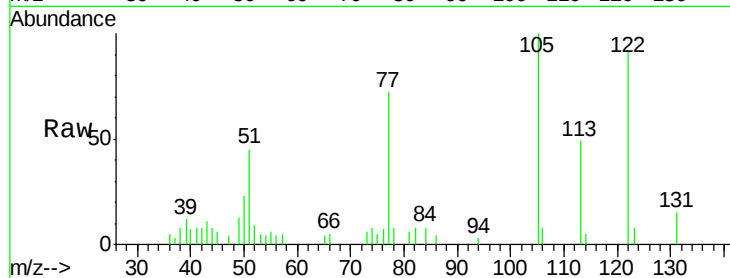
Tgt Ion:122 Resp: 16768

Ion Ratio Lower Upper

122 100

105 108.2 102.2 142.2

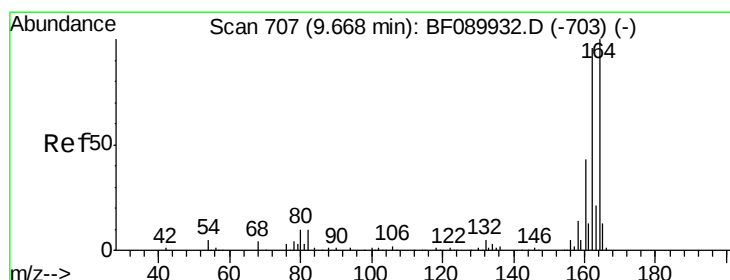
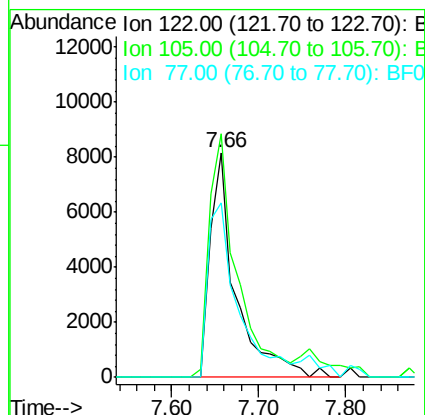
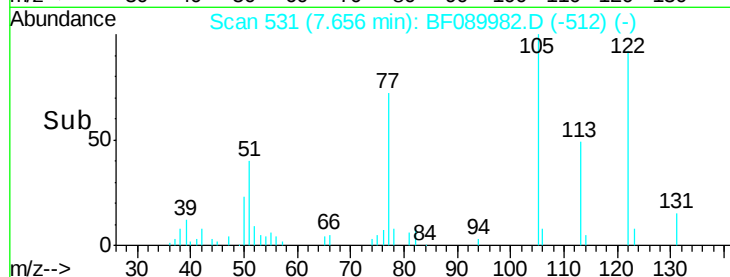
77 77.4 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

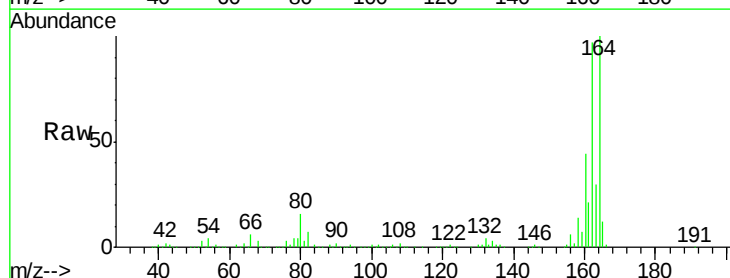
Tgt Ion:164 Resp: 338067

Ion Ratio Lower Upper

164 100

162 97.5 77.1 115.7

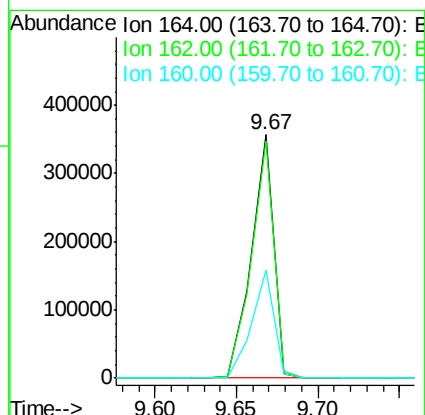
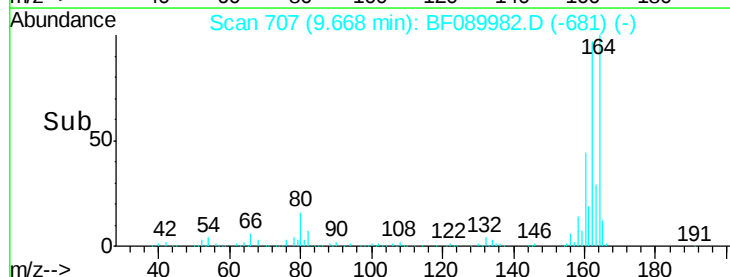
160 44.4 35.3 52.9

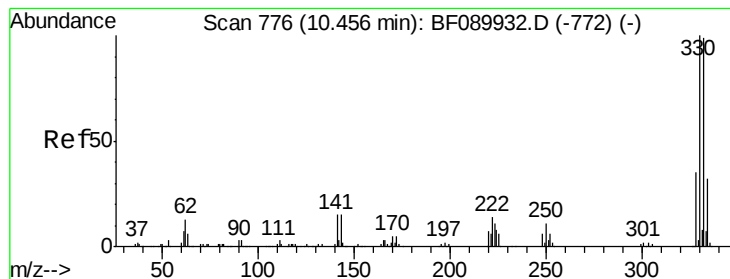


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

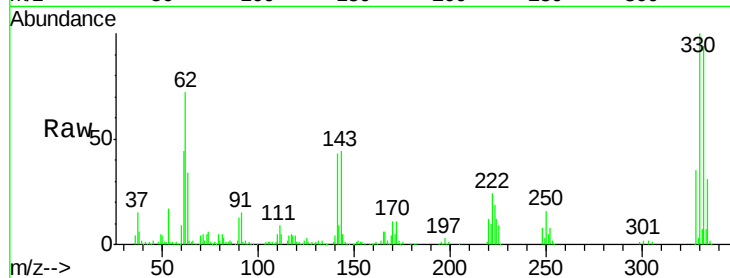




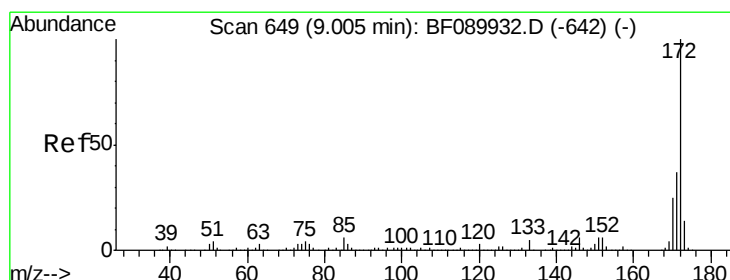
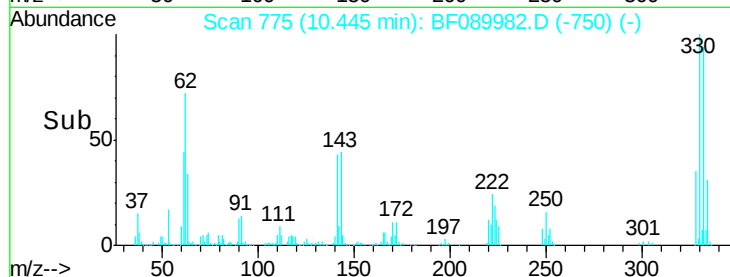
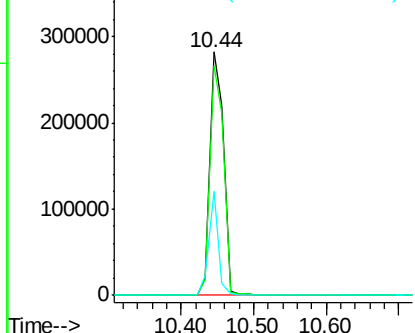
#41
 2,4,6-Tribromophenol
 Concen: 109.92 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Instrument :
 BNA_F
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Tgt Ion:330 Resp: 366618
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 30.2 23.3 34.9

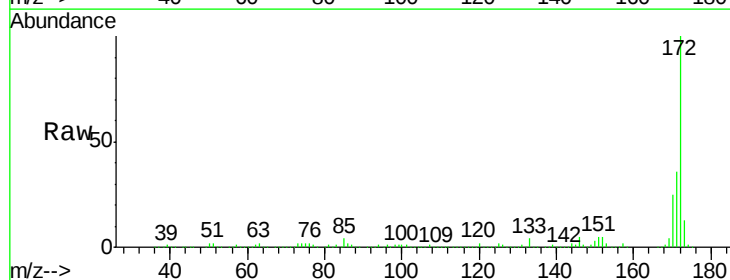


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

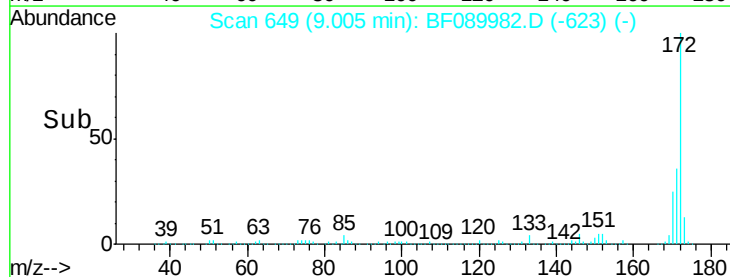
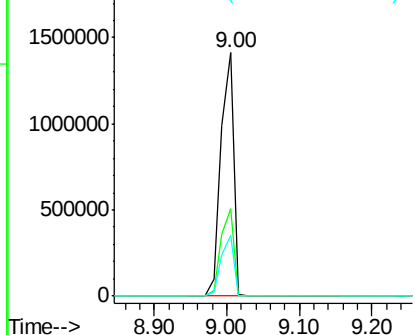


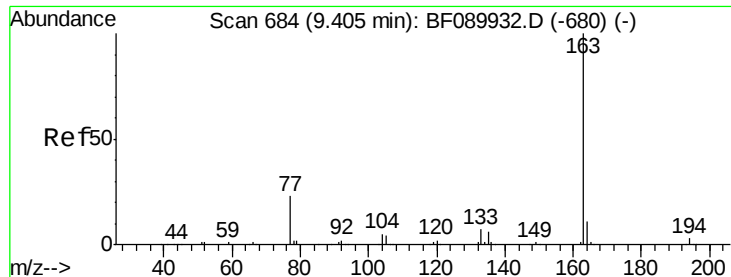
#44
 2-Fluorobiphenyl
 Concen: 83.86 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089982.D
 Acq: 2 Sep 2016 18:36

Tgt Ion:172 Resp: 1727109
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.6 20.1 30.1



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

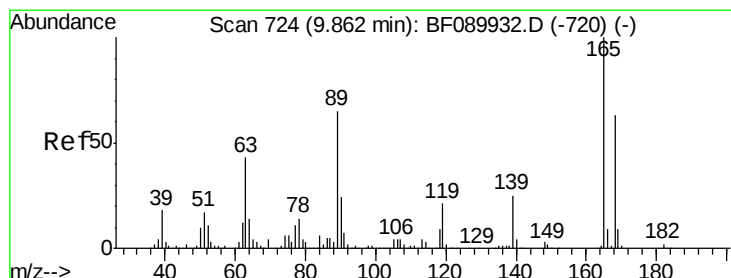
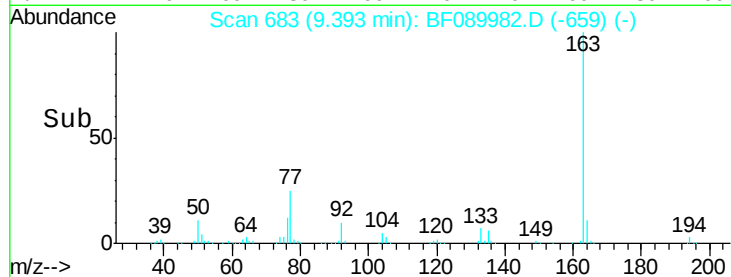
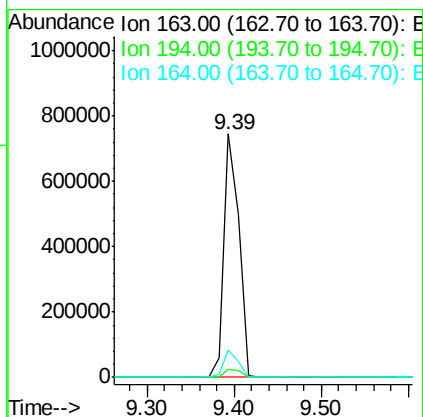
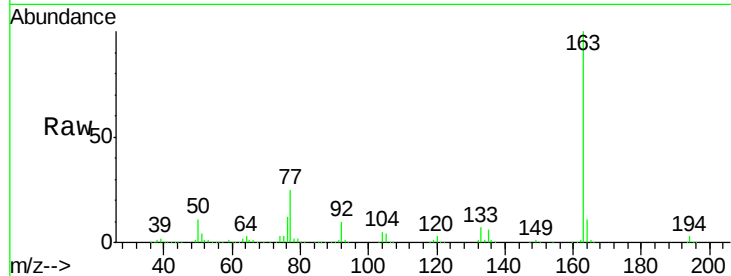




#49
Dimethylphthalate
Concen: 36.96 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089982.D
Acq: 2 Sep 2016 18:36

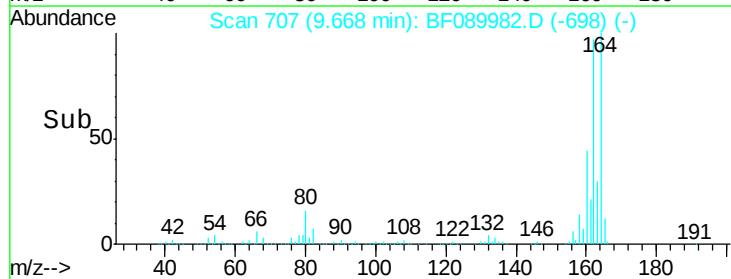
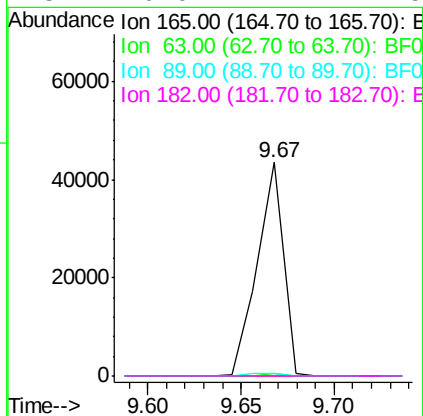
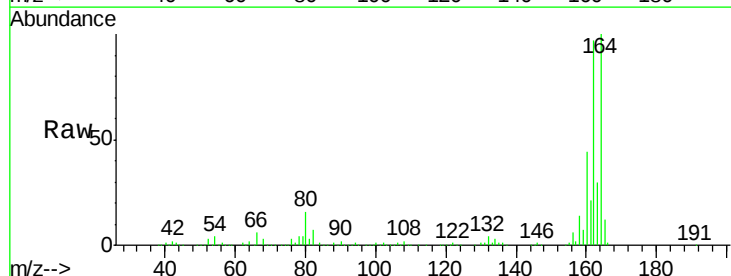
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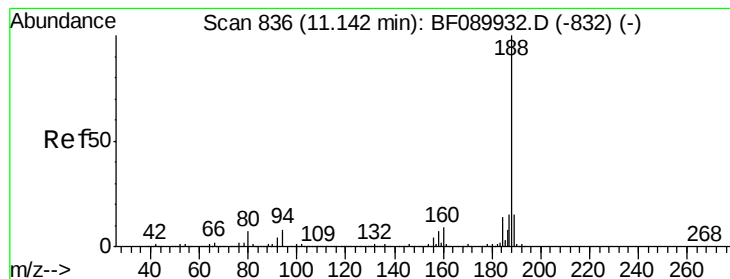
Tgt Ion:163 Resp: 903117
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.4 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089982.D
Acq: 2 Sep 2016 18:36

Tgt Ion:165 Resp: 42176
Ion Ratio Lower Upper
165 100
63 1.2 32.5 48.7#
89 1.4 48.3 72.5#
182 0.0 1.7 2.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-4

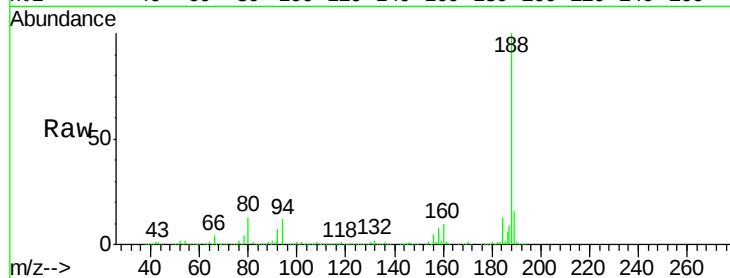
Tgt Ion:188 Resp: 546443

Ion Ratio Lower Upper

188 100

94 11.8 5.9 8.9#

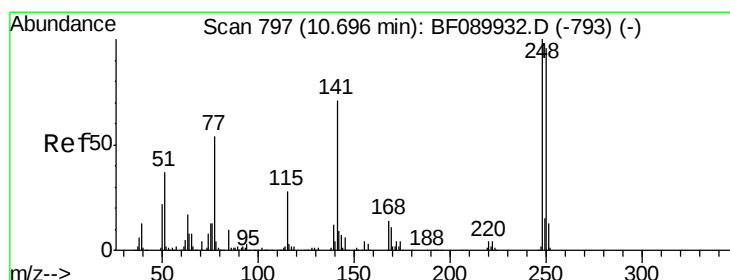
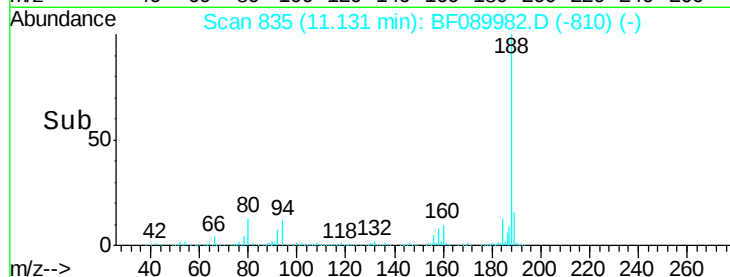
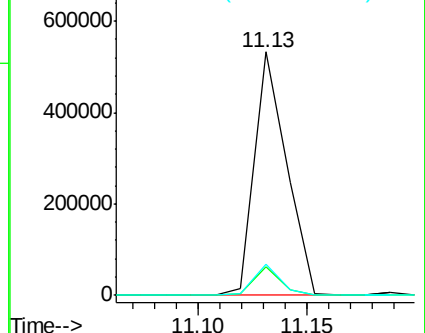
80 12.7 5.8 8.8#



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: 4.11 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

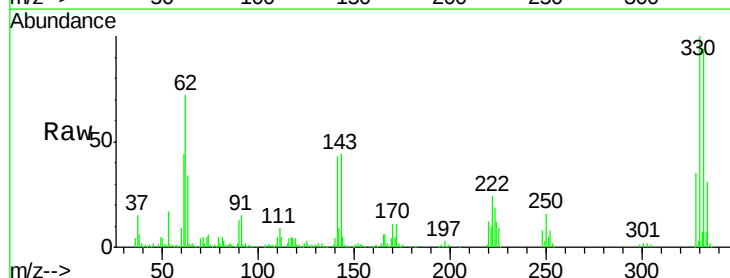
Tgt Ion:248 Resp: 22632

Ion Ratio Lower Upper

248 100

250 189.0 77.3 115.9#

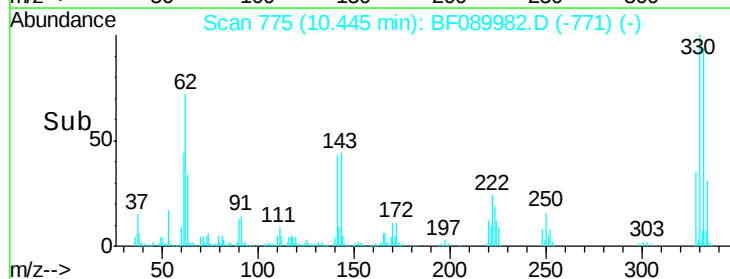
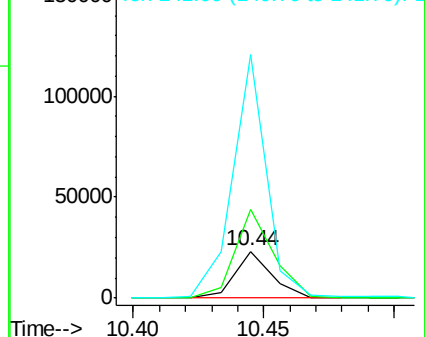
141 520.9 55.8 83.8#

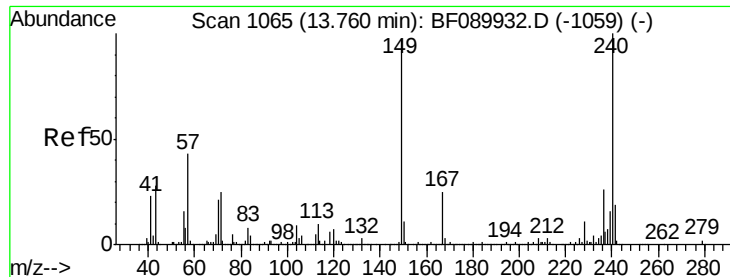


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-4

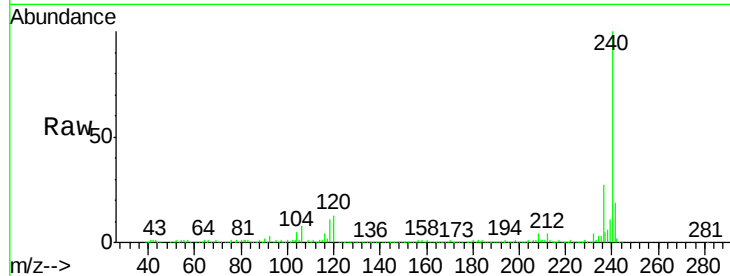
Tgt Ion:240 Resp: 438893

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

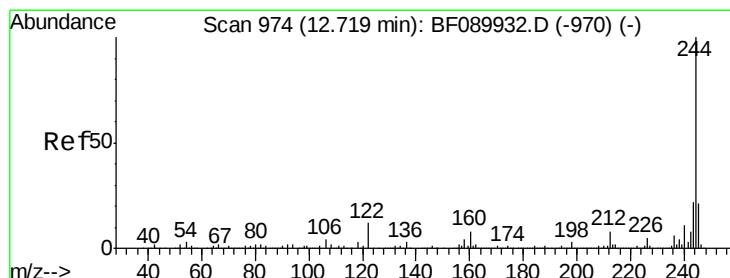
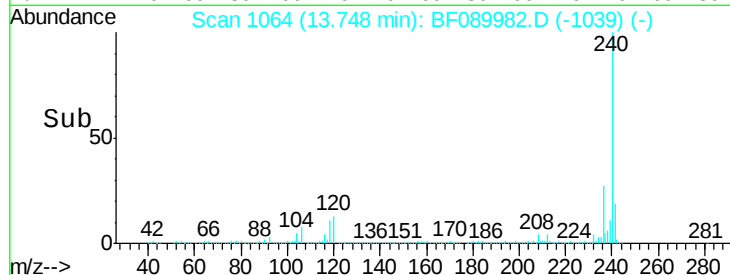
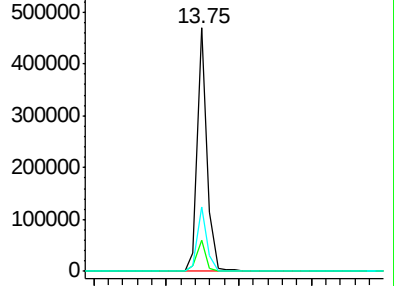
236 26.5 21.3 31.9



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: 65.18 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089982.D

Acq: 2 Sep 2016 18:36

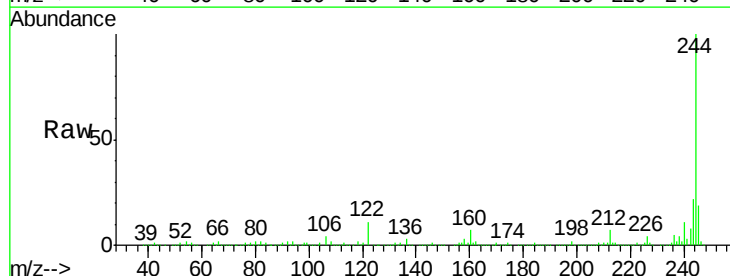
Tgt Ion:244 Resp: 1158141

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

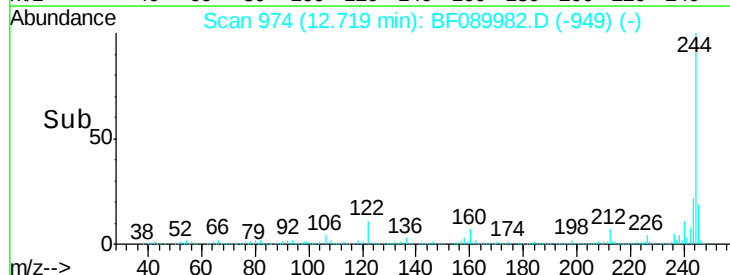
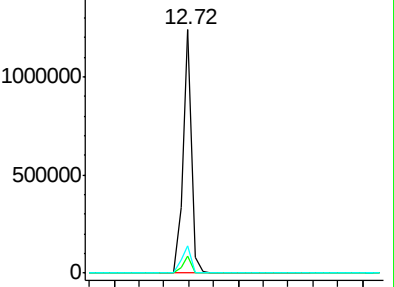
122 11.0 9.6 14.4

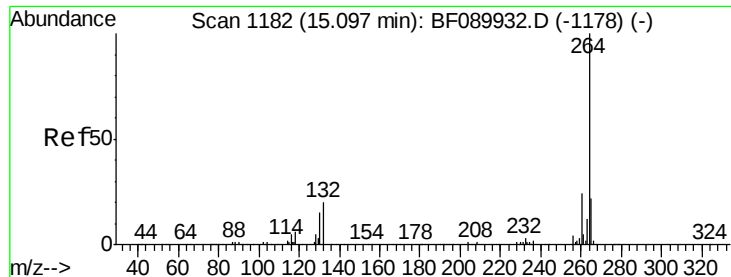


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

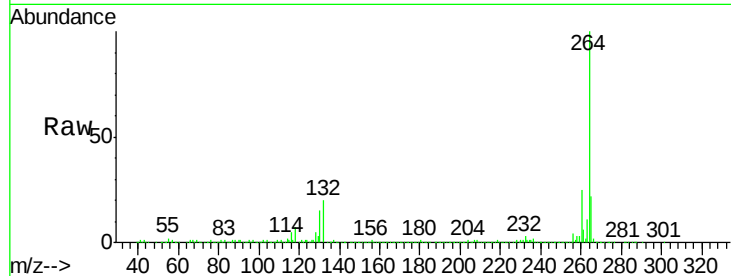




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089982.D
Acq: 2 Sep 2016 18:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.4	26.2



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

