

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089969.D
 Acq On : 1 Sep 2016 14:03
 Operator : UM/SJ
 Sample : H4617-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 14:32:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

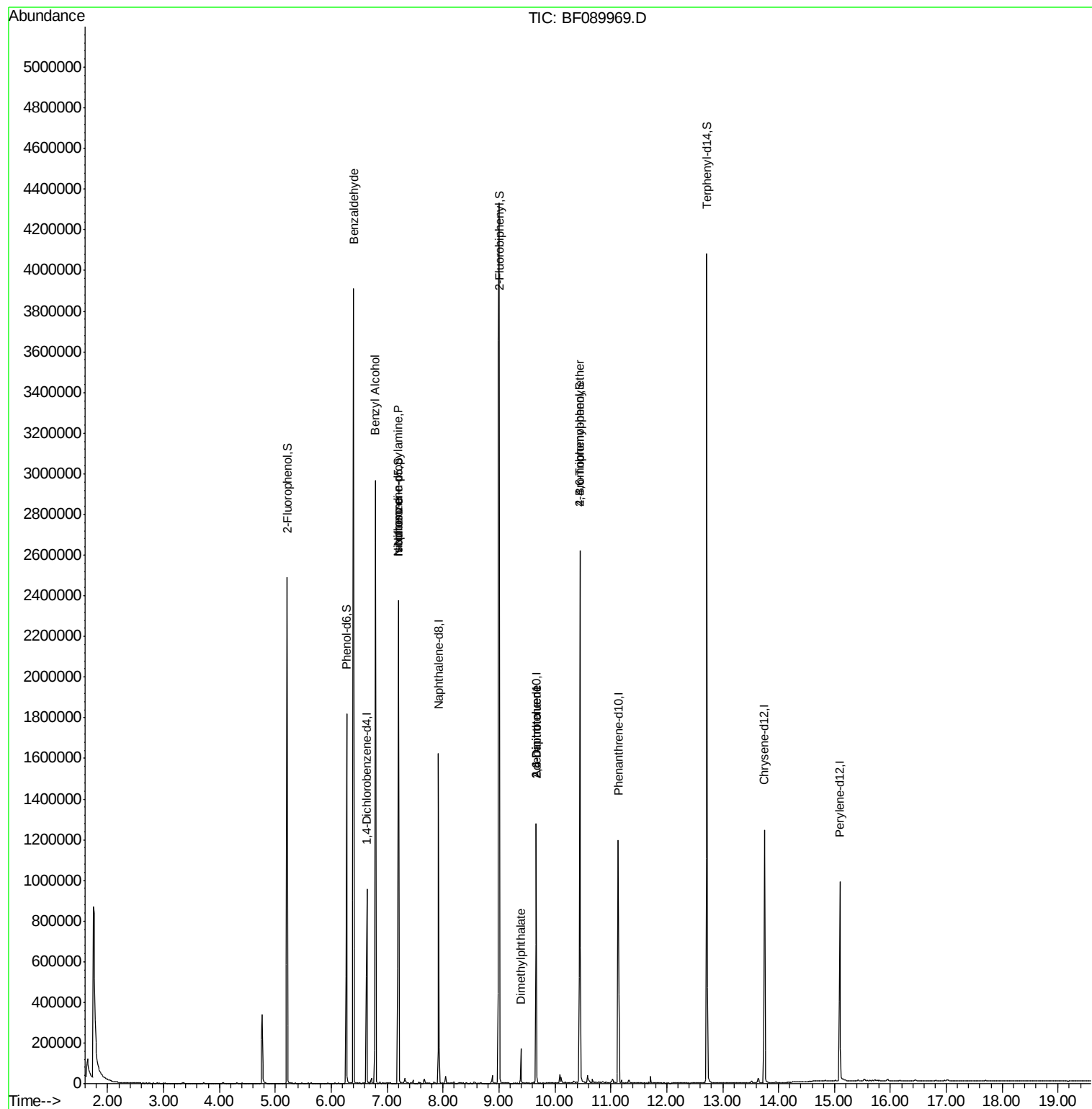
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	175165	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	666667	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	312407	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	478860	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	414064	20.00	ng	-0.01
86) Perylene-d12	15.10	264	408667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	671914	61.40	ng	0.00
7) Phenol-d6	6.27	99	597180	44.91	ng	0.00
23) Nitrobenzene-d5	7.20	82	1123959	97.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	333505	108.21	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2040657	107.23	ng	0.00
78) Terphenyl-d14	12.72	244	1338781	79.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	22925	2.67	ng	# 67
15) Benzyl Alcohol	6.79	79	17341	2.08	ng	# 50
19) n-Nitroso-di-n-propylamine	7.20	70	147473	17.02	ng	# 83
25) Isophorone	7.20	82	991506	42.42	ng	# 65
49) Dimethylphthalate	9.39	163	64411	2.85	ng	99
50) 2,6-Dinitrotoluene	9.67	165	38861	7.74	ng	# 27
56) 2,4-Dinitrotoluene	9.67	165	38861	6.10	ng	# 30
66) 4-Bromophenyl-phenylether	10.44	248	21301	4.42	ng	# 1

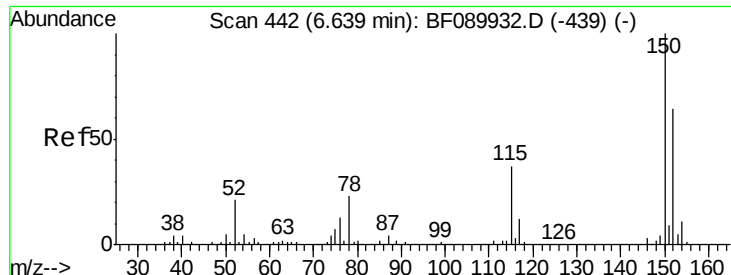
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
Data File : BF089969.D
Acq On : 1 Sep 2016 14:03
Operator : UM/SJ
Sample : H4617-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 14:32:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Instrument :

BNA_F

ClientSampleId :

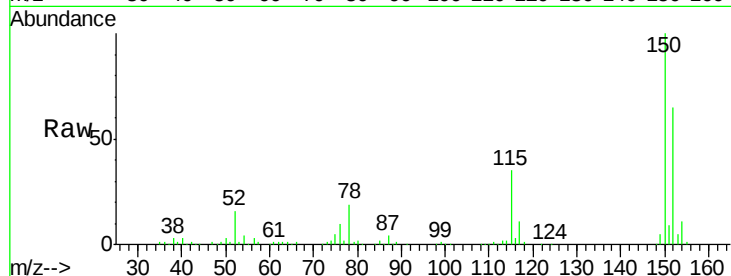
Tot Ion:152 Resp: 175165

Ion Ratio Lower Upper

152 100

150 154.0 127.4 191.2

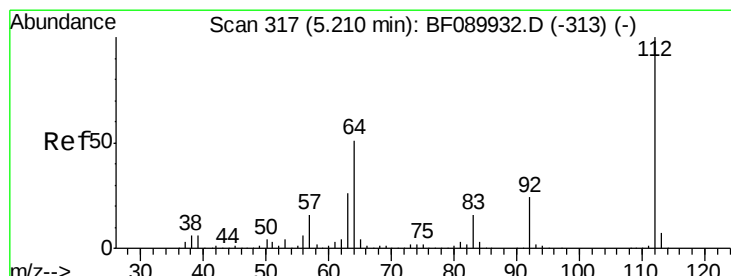
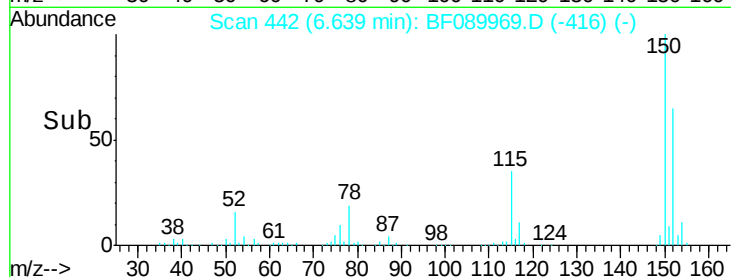
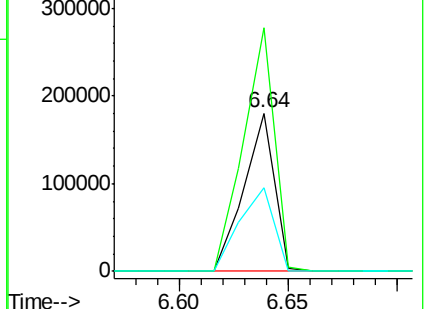
115 53.2 46.3 69.5



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: 61.40 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

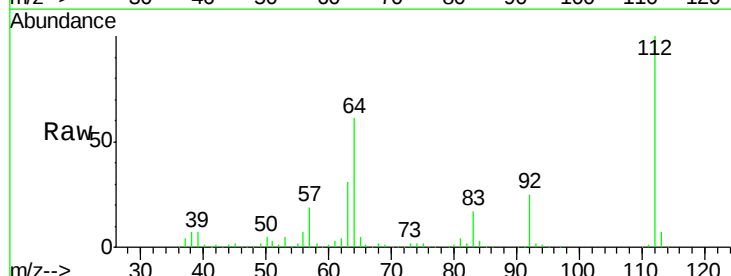
Tgt Ion:112 Resp: 671914

Ion Ratio Lower Upper

112 100

64 60.5 41.1 61.7

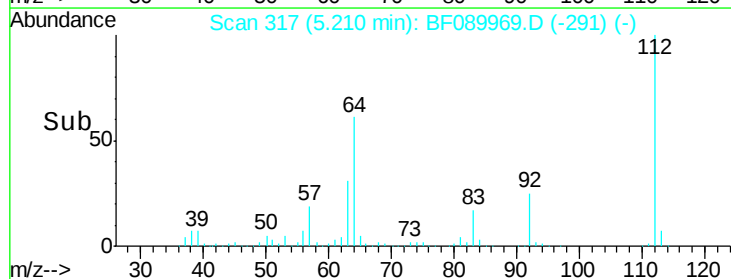
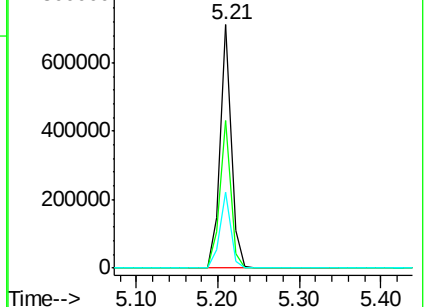
63 31.1 21.2 31.8

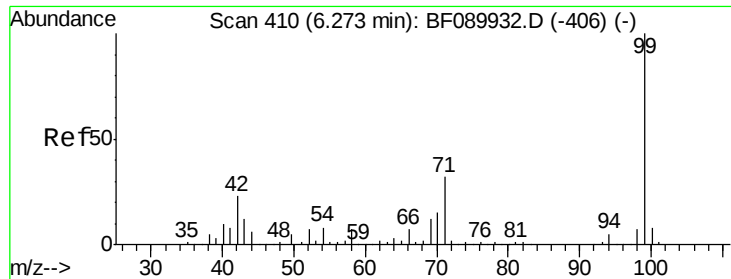


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.91 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Instrument :

BNA_F

ClientSampled :

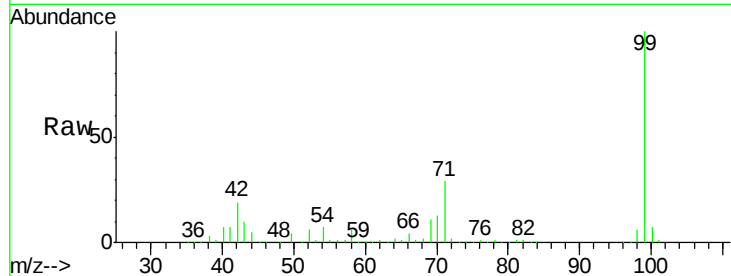
Tot Ion: 99 Resp: 597180

Ion Ratio Lower Upper

99 100

42 18.8 18.6 27.8

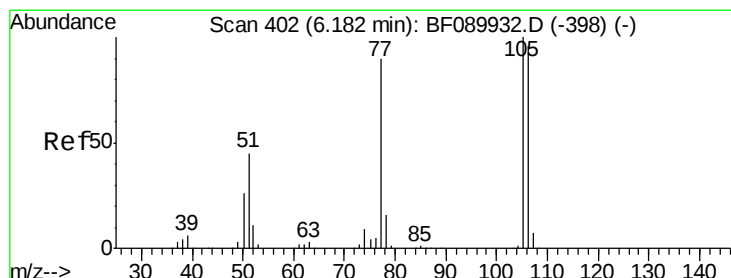
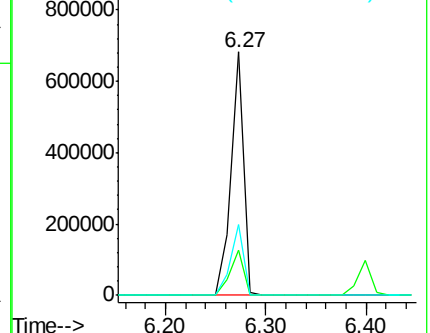
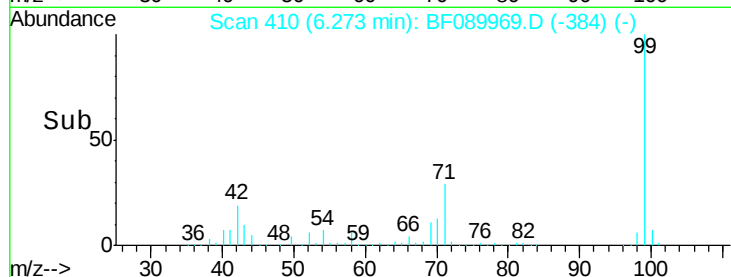
71 28.8 25.8 38.6



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



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.22 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

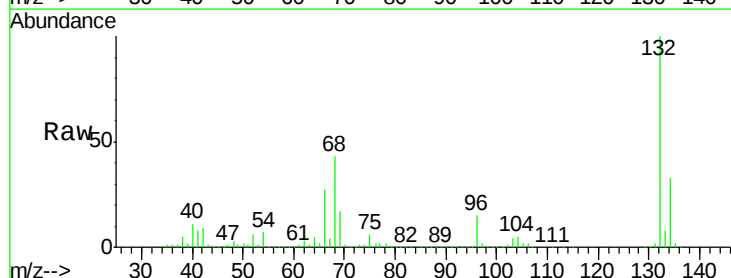
Tgt Ion: 77 Resp: 22925

Ion Ratio Lower Upper

77 100

105 72.1 85.4 125.4#

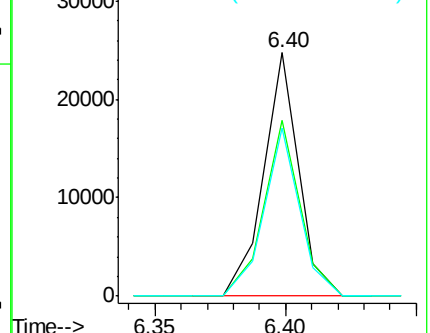
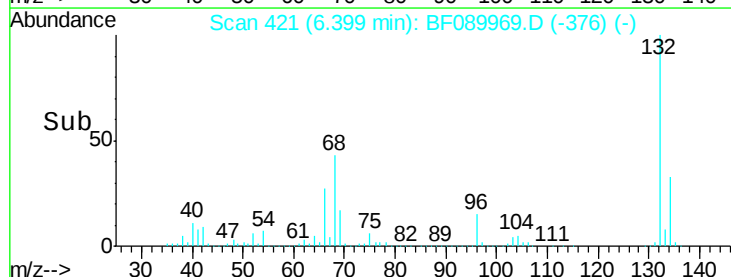
106 69.0 83.4 123.4#

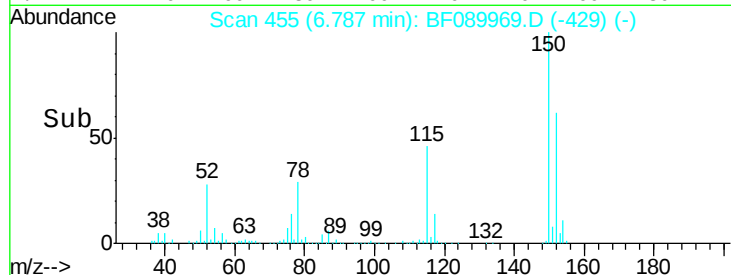
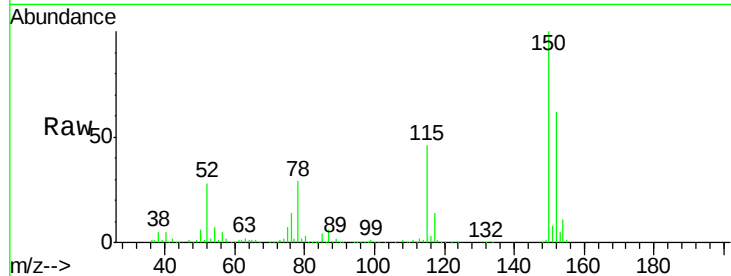
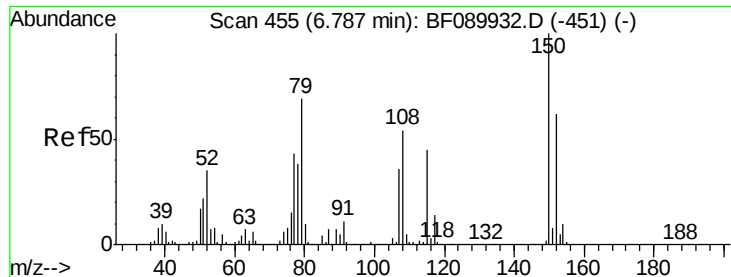


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Instrument :

BNA_F

ClientSampled :

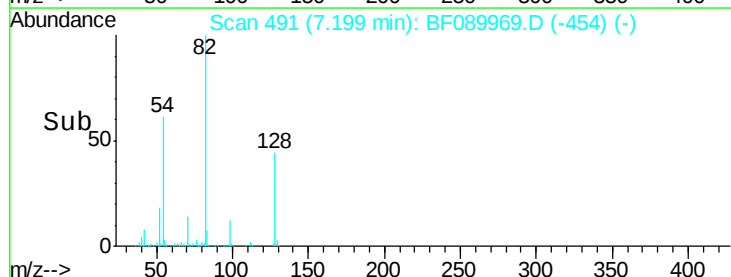
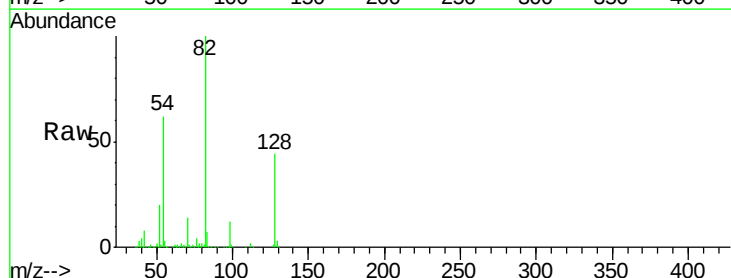
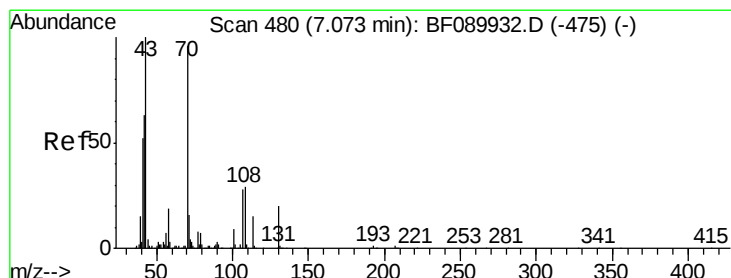
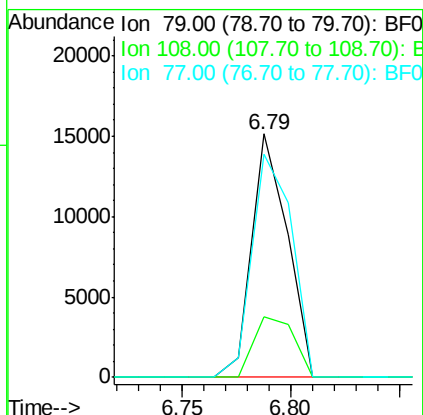
Tot Ion: 79 Resp: 17341

Ion Ratio Lower Upper

79 100

108 25.1 62.1 93.1#

77 91.5 50.1 75.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Tgt Ion: 70 Resp: 147473

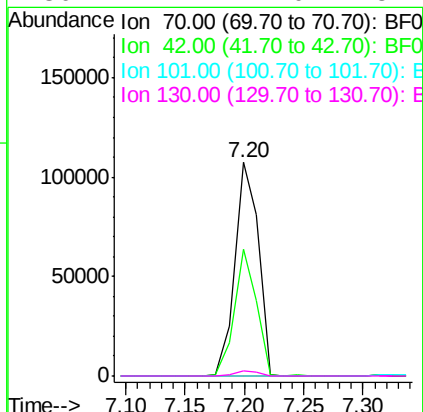
Ion Ratio Lower Upper

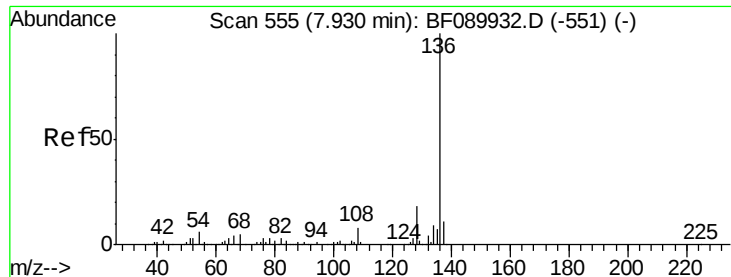
70 100

42 59.2 52.1 78.1

101 0.0 7.4 11.2#

130 2.2 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

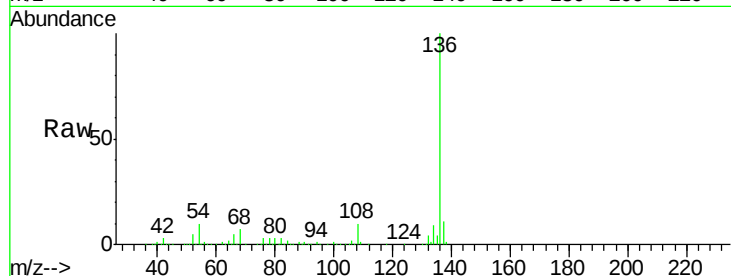
Delta R.T. -0.01 min

Lab File: BF089969.D

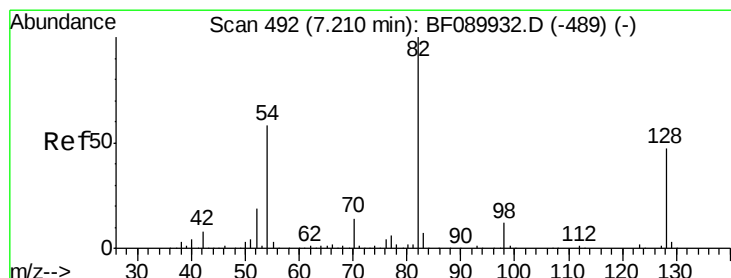
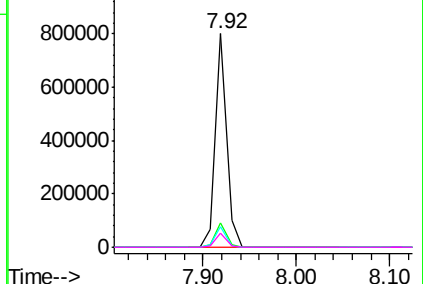
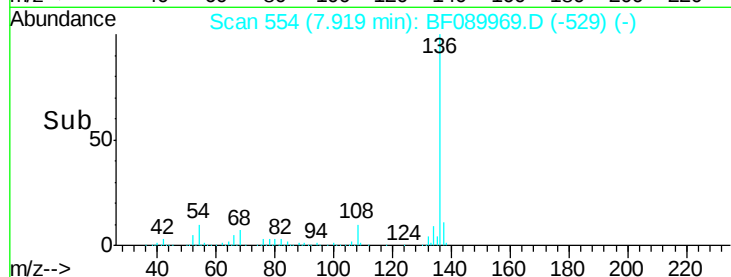
Acq: 1 Sep 2016 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	666667
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.3 12.5
54	9.6	4.8 7.2#
68	6.9	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: 97.78 ng

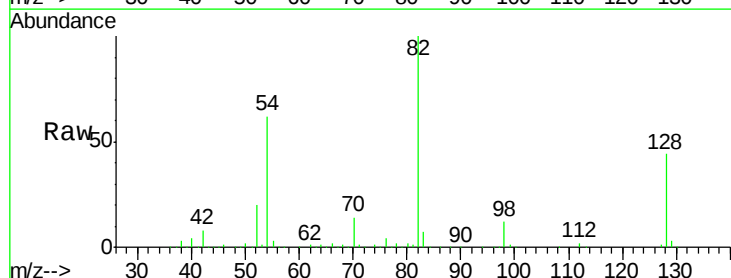
RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

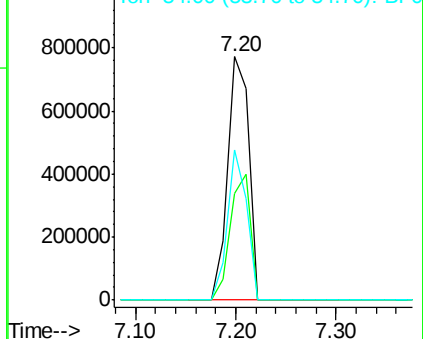
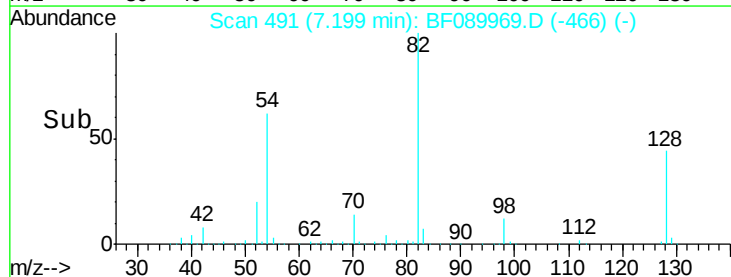
Lab File: BF089969.D

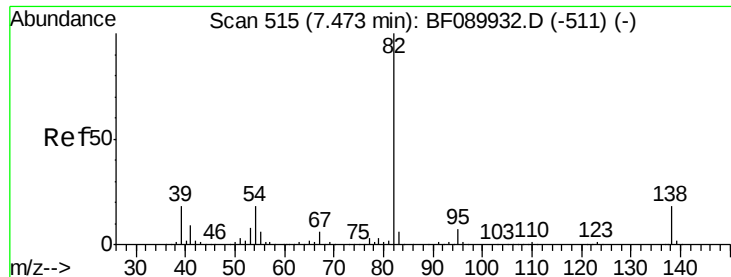
Acq: 1 Sep 2016 14:03

Tgt Ion: 82	Resp:	1123959
Ion	Ratio	Lower Upper
82	100	
128	43.9	37.8 56.8
54	61.9	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: 42.42 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Instrument :

BNA_F

ClientSampleId :

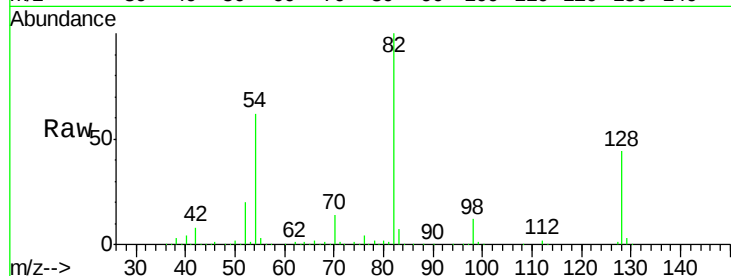
Tot Ion: 82 Resp: 991506

Ion Ratio Lower Upper

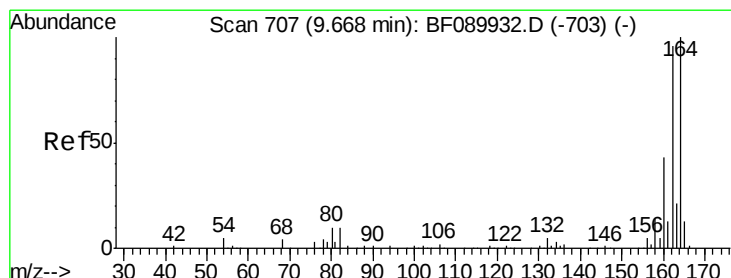
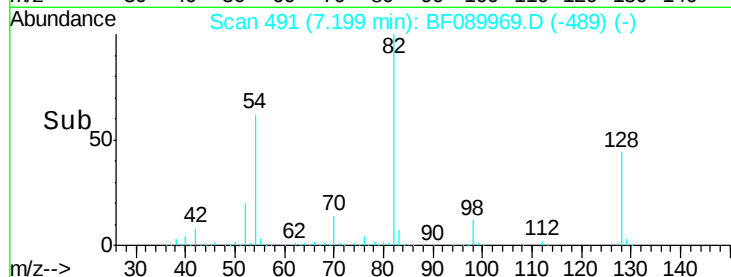
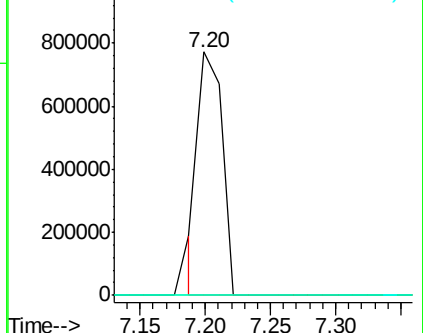
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

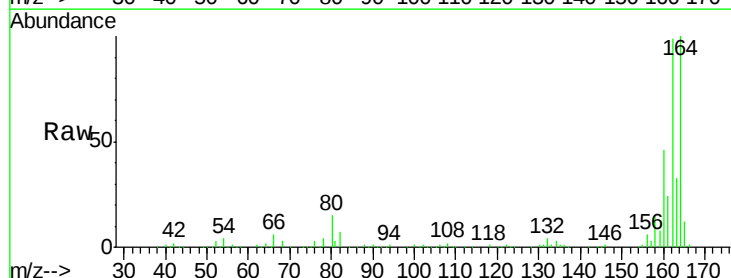
Tgt Ion:164 Resp: 312407

Ion Ratio Lower Upper

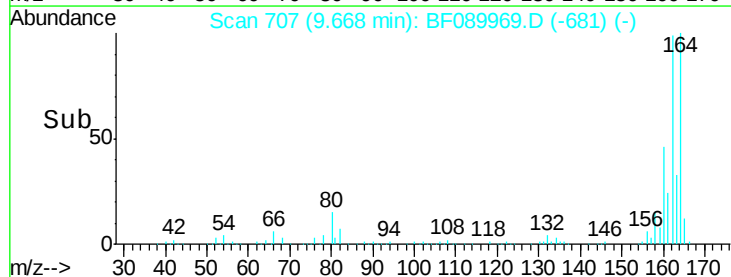
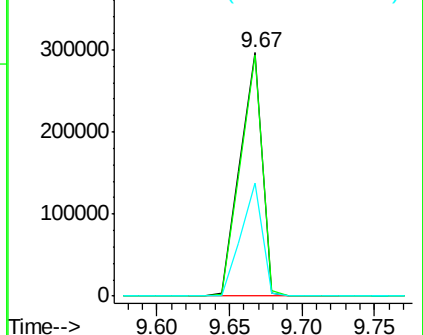
164 100

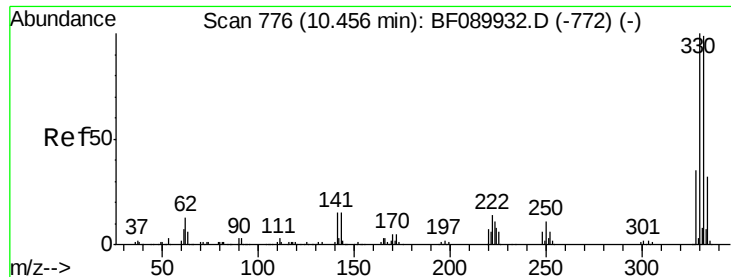
162 98.8 77.1 115.7

160 46.3 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

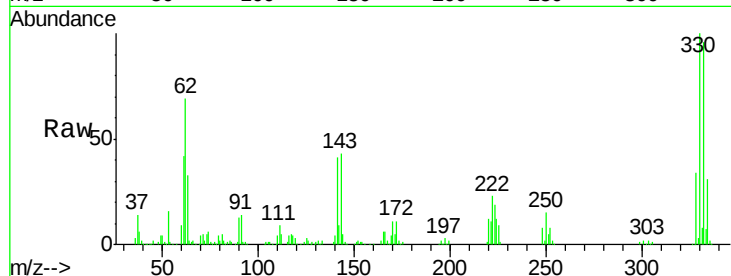




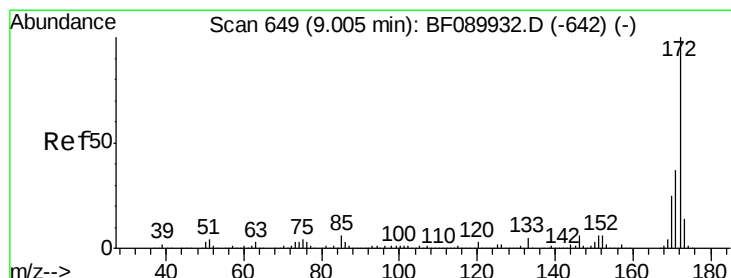
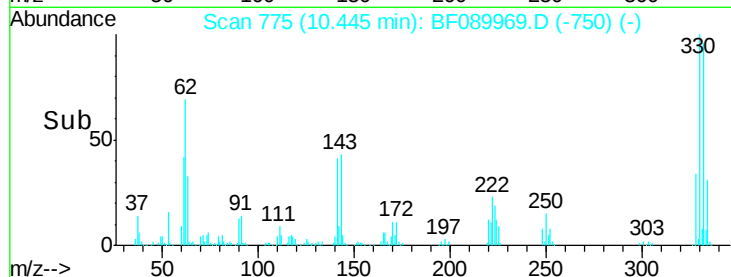
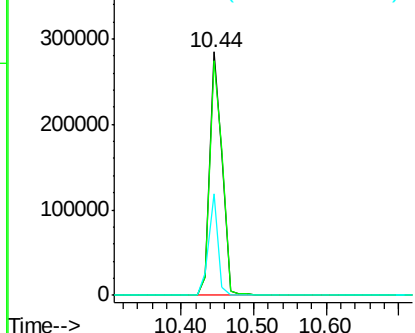
#41
 2,4,6-Tribromophenol
 Concen: 108.21 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089969.D
 Acq: 1 Sep 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	32.4	23.3	34.9

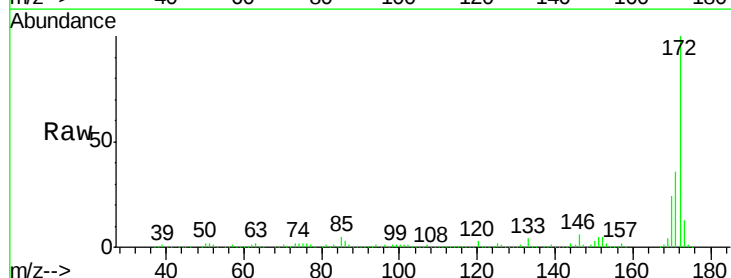


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

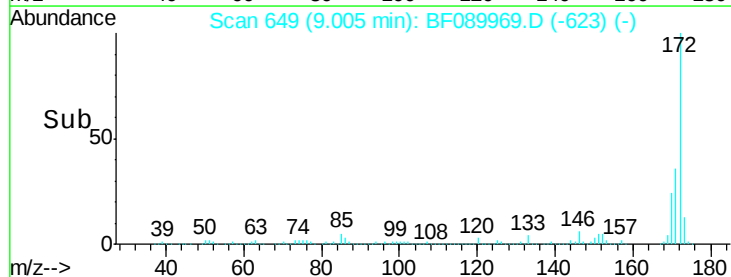
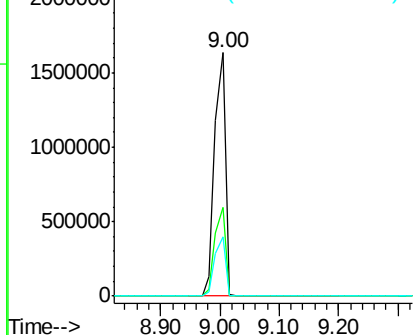


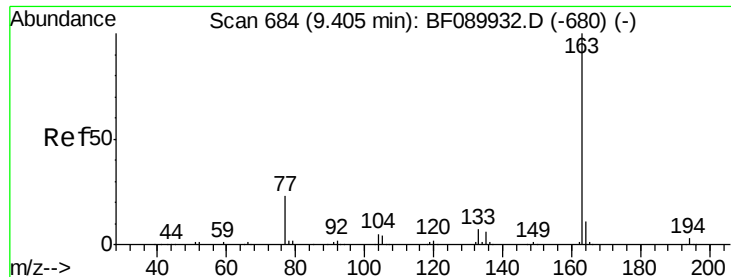
#44
 2-Fluorobiphenyl
 Concen: 107.23 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089969.D
 Acq: 1 Sep 2016 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.4	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

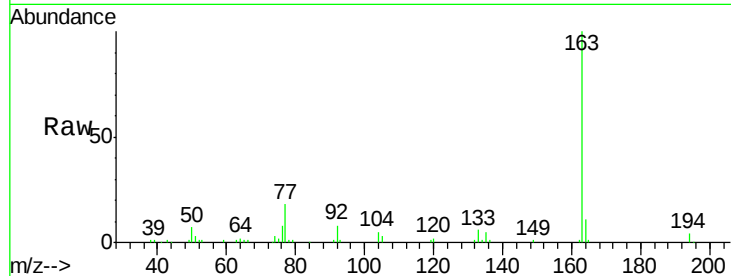




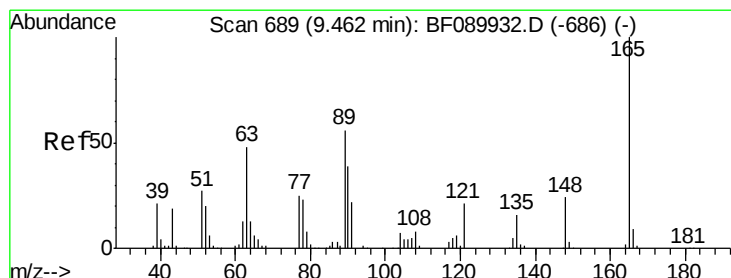
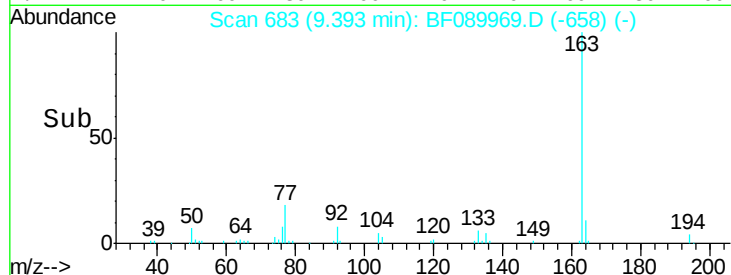
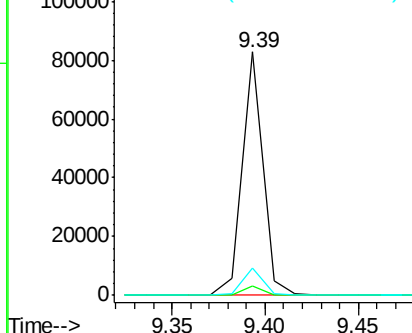
#49
Dimethylphthalate
Concen: 2.85 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089969.D
Acq: 1 Sep 2016 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 64411
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.0 9.0 13.4

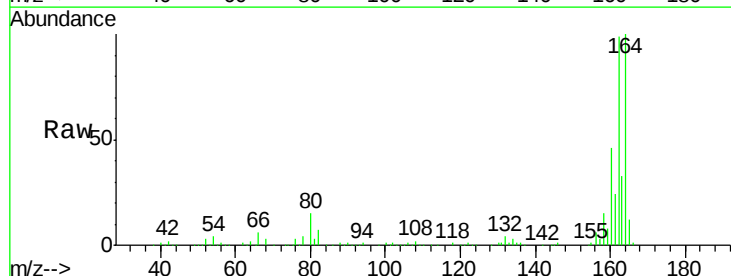


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

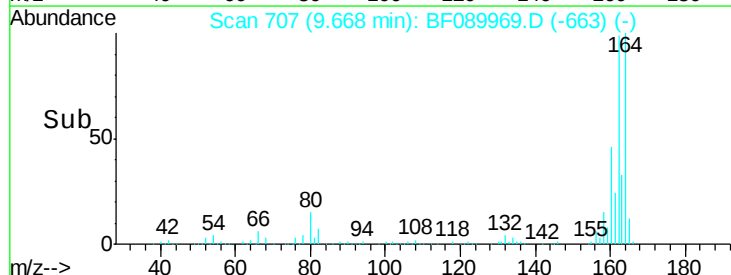
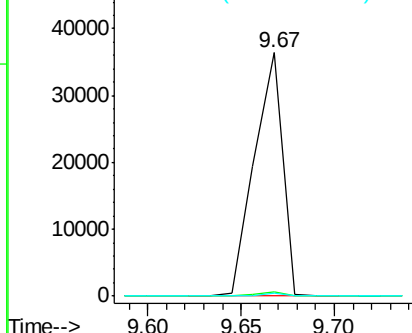


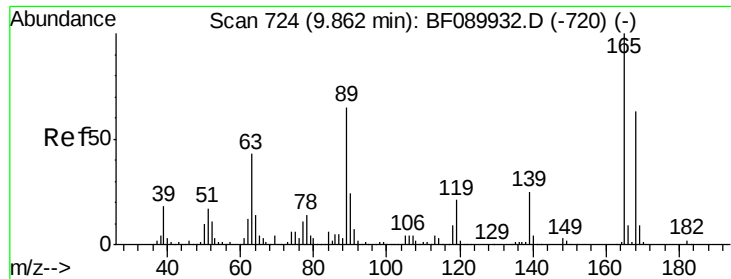
#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.21 min
Lab File: BF089969.D
Acq: 1 Sep 2016 14:03

Tgt Ion:165 Resp: 38861
Ion Ratio Lower Upper
165 100
63 1.6 45.0 67.4#
89 1.3 41.5 62.3#



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

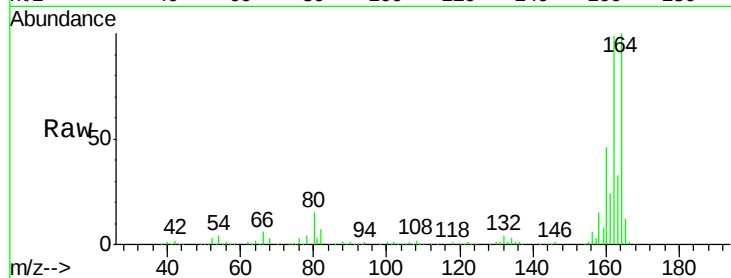




#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089969.D
Acq: 1 Sep 2016 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

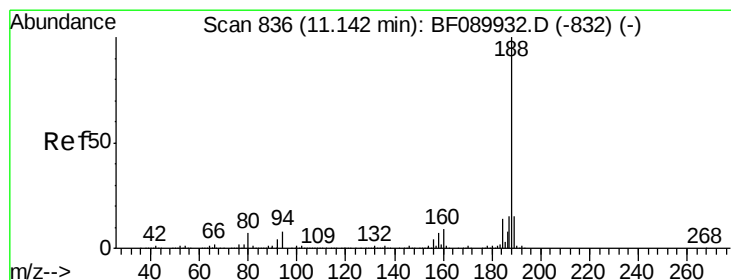
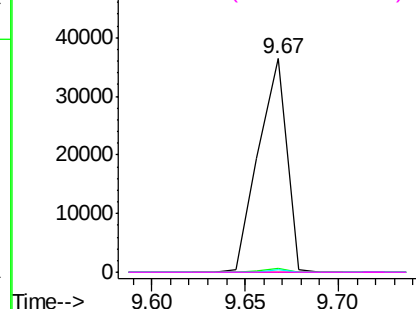
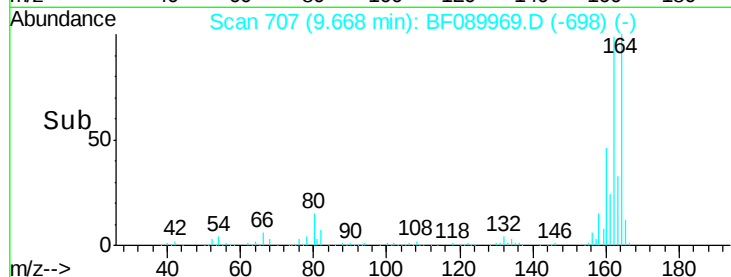


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

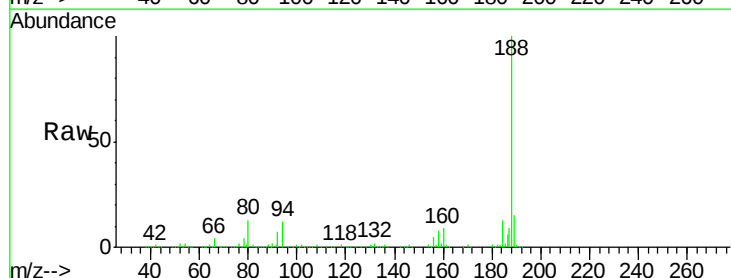
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089969.D
Acq: 1 Sep 2016 14:03

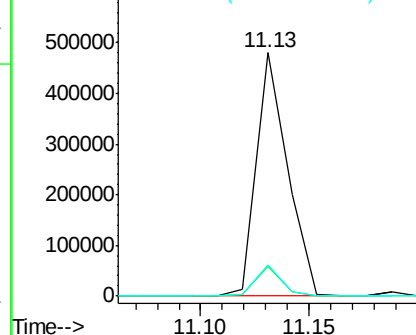
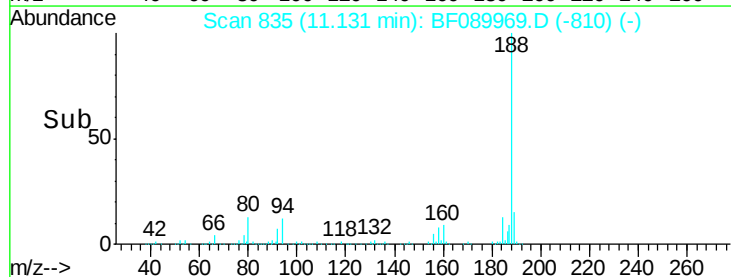
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.9	8.9#
80	12.7	5.8	8.8#

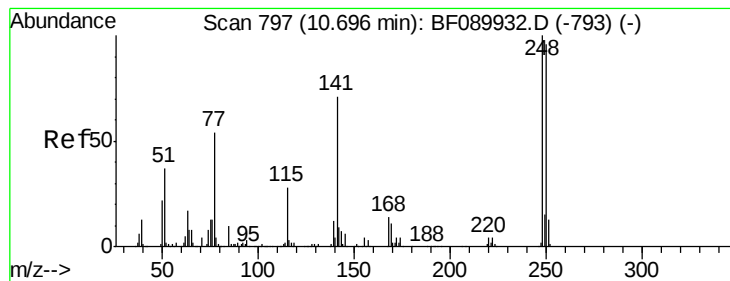


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.42 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089969.D

Acq: 1 Sep 2016 14:03

Instrument :

BNA_F

ClientSampleId :

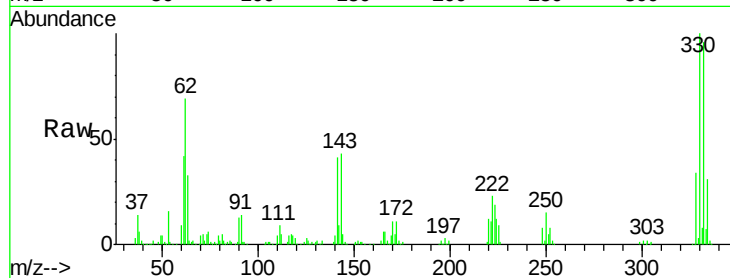
Tot Ion:248 Resp: 21301

Ion Ratio Lower Upper

248 100

250 195.3 77.3 115.9#

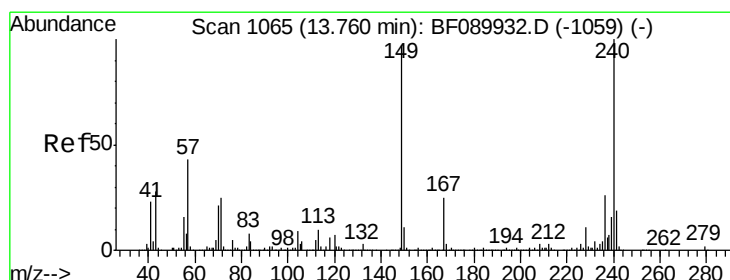
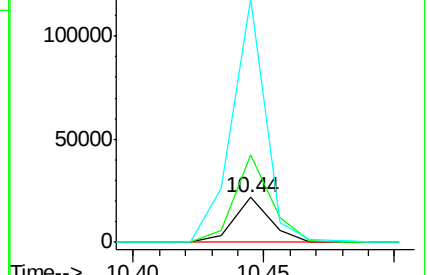
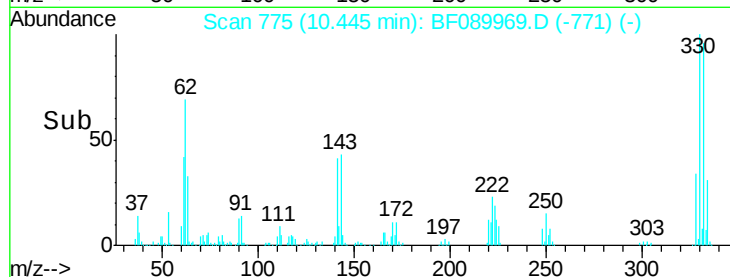
141 540.3 55.8 83.8#



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: BF089969.D

Acq: 1 Sep 2016 14:03

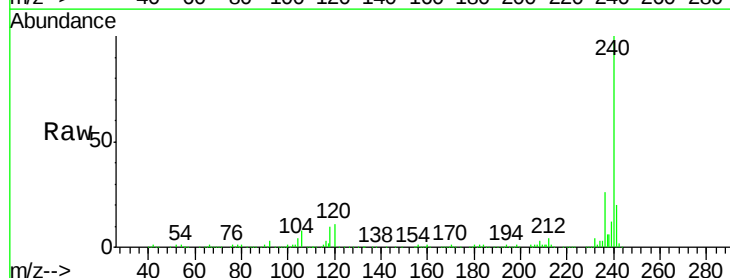
Tgt Ion:240 Resp: 414064

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

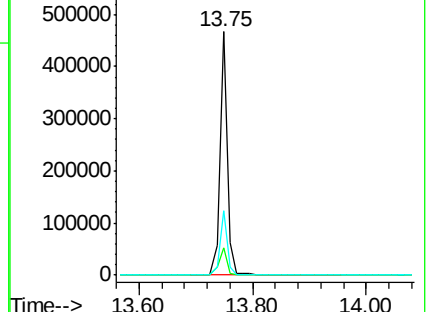
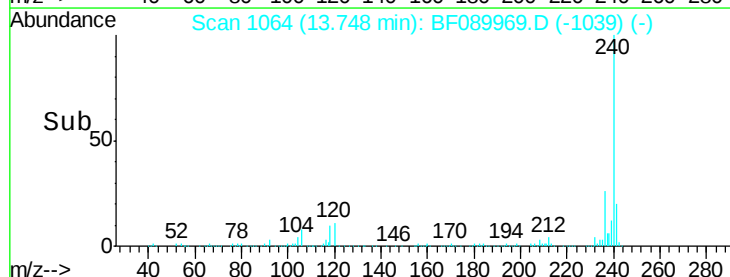
236 26.4 21.3 31.9

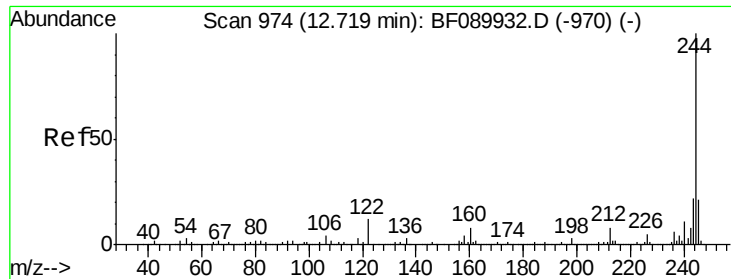


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

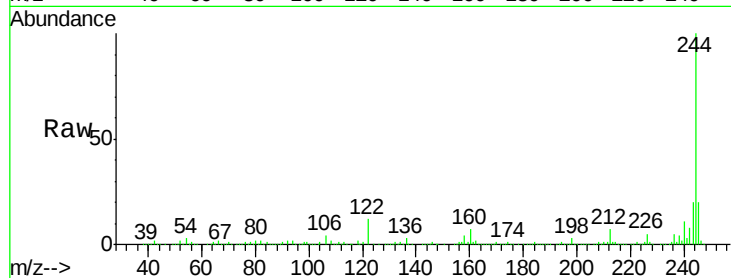




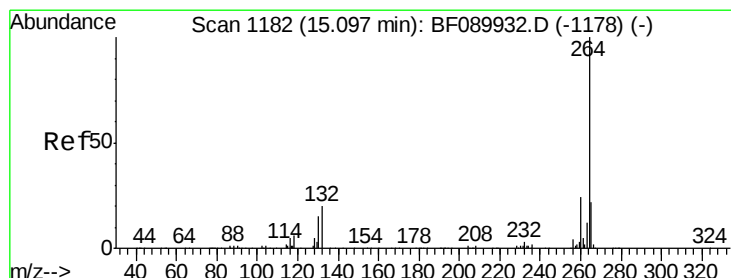
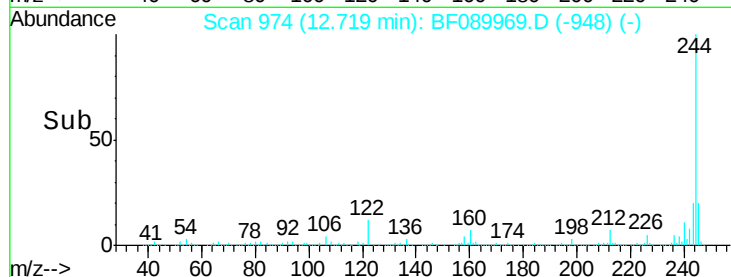
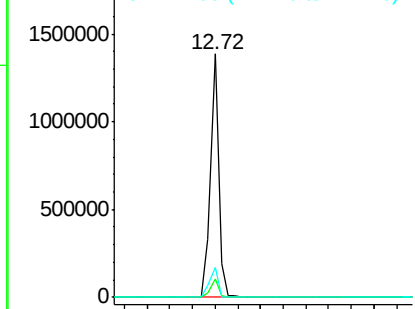
#78
 Terphenyl-d14
 Concen: 79.87 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089969.D
 Acq: 1 Sep 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1338781
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.2 9.6 14.4

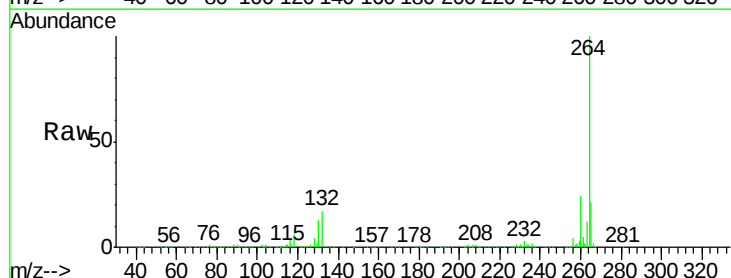


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089969.D
 Acq: 1 Sep 2016 14:03

Tgt Ion:264 Resp: 408667
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.1 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

