

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089956.D
 Acq On : 31 Aug 2016 17:56
 Operator : UM/SJ
 Sample : H4645-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 19:29:27 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

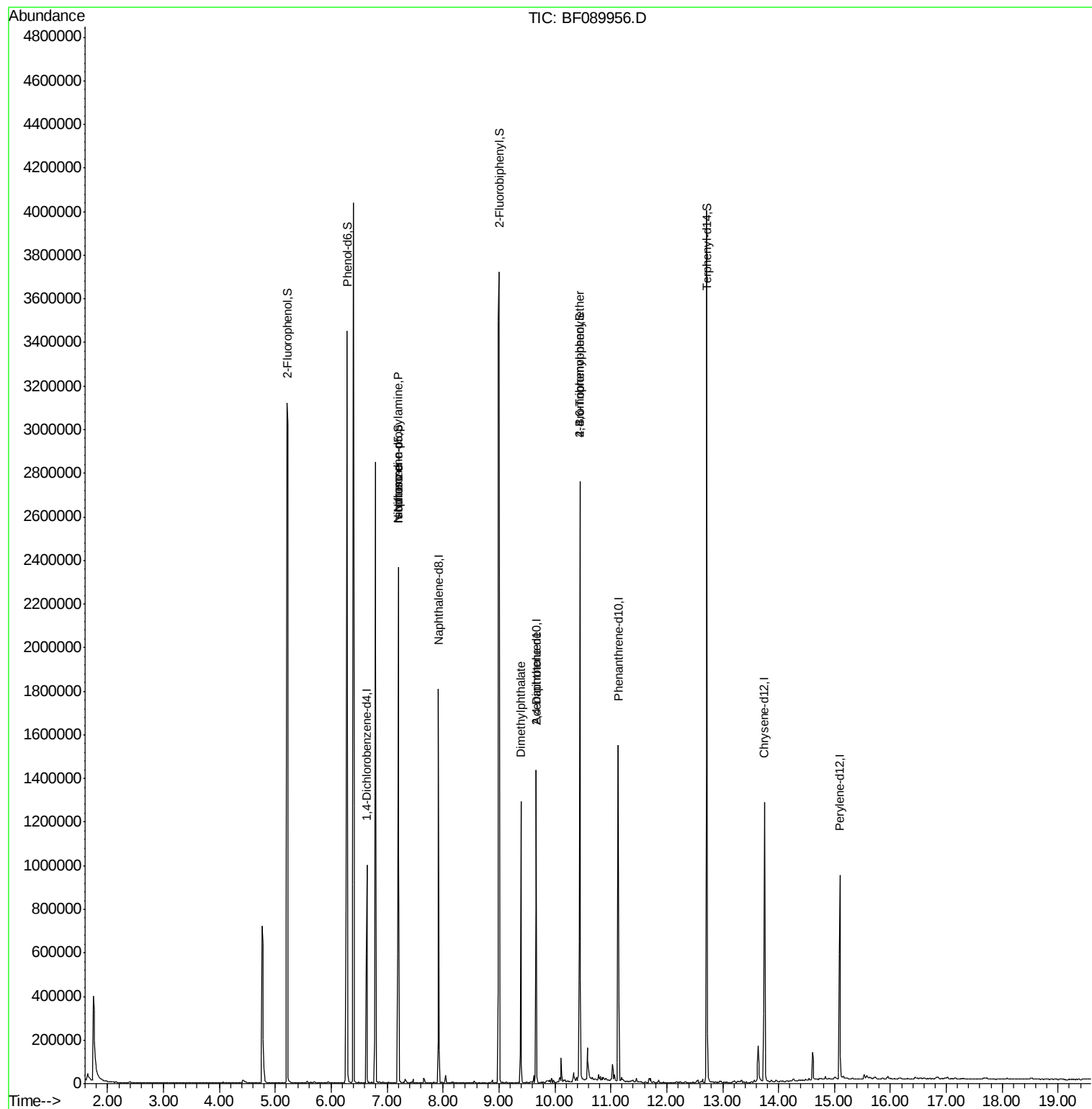
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186407	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723116	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	353075	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	570253	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	443156	20.00	ng	-0.01
86) Perylene-d12	15.10	264	431189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1414265	121.44	ng	0.01
7) Phenol-d6	6.28	99	1804465	127.52	ng	0.01
23) Nitrobenzene-d5	7.20	82	907513	72.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	326523	93.74	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1851392	86.08	ng	0.00
78) Terphenyl-d14	12.72	244	1337166	74.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	121139	13.14	ng	# 83
25) Isophorone	7.20	82	768969	30.33	ng	# 65
49) Dimethylphthalate	9.39	163	475640	18.64	ng	99
56) 2,4-Dinitrotoluene	9.67	165	45116	6.27	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	21702	3.78	ng	# 1

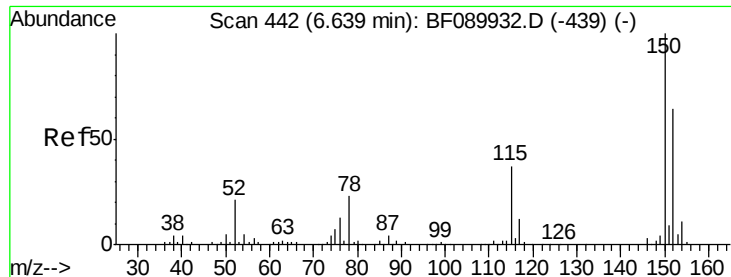
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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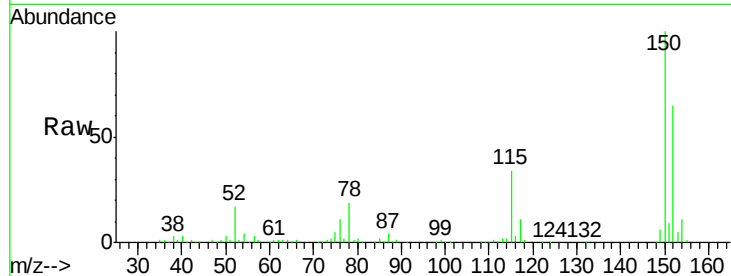


#1

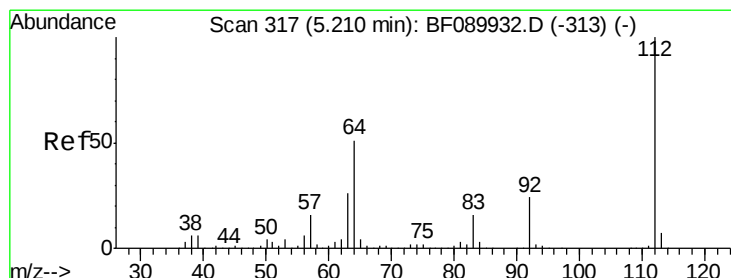
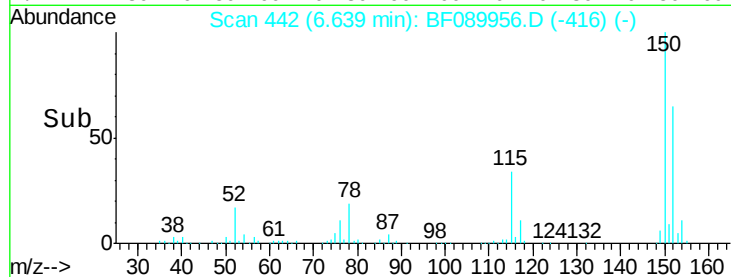
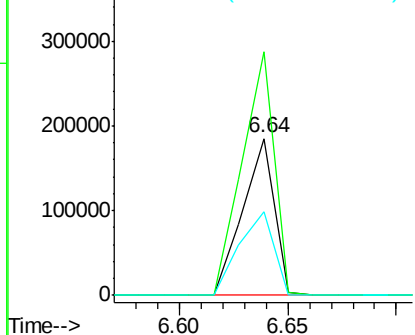
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.2
115	53.1	46.3	69.5



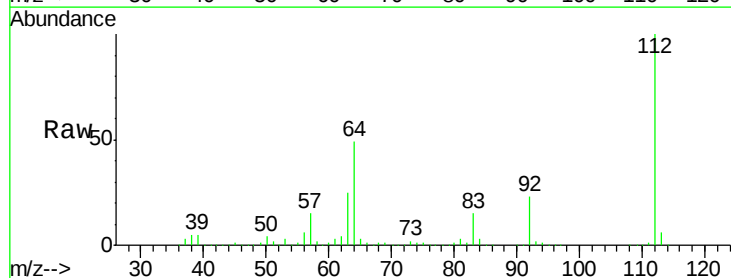
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



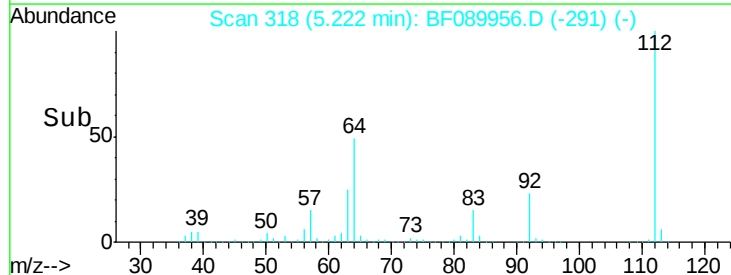
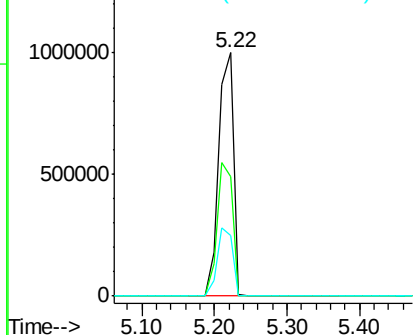
#5

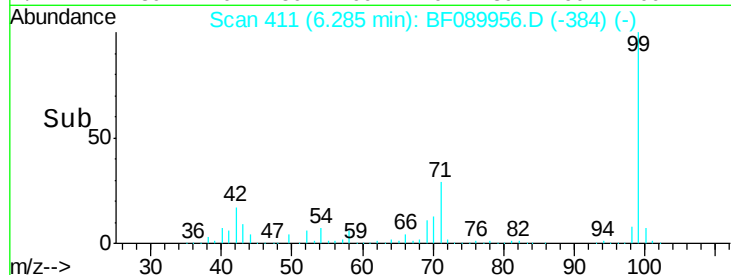
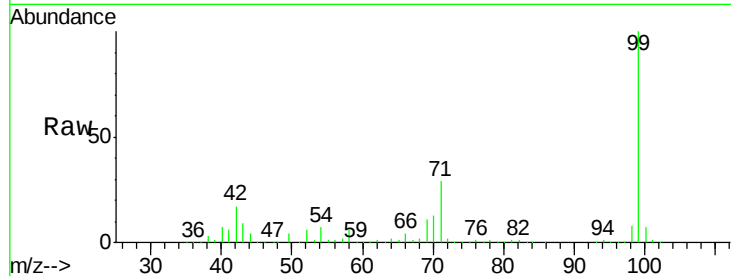
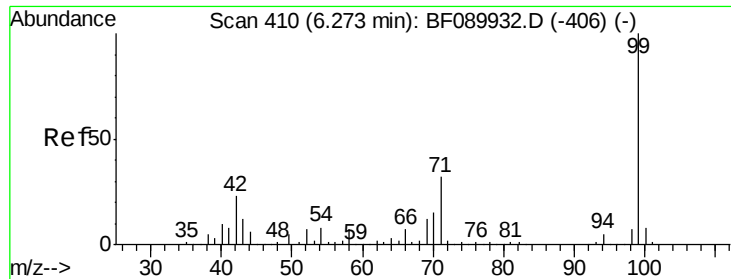
2-Fluorophenol
Concen: 121.44 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	41.1	61.7
63	24.9	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: 127.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

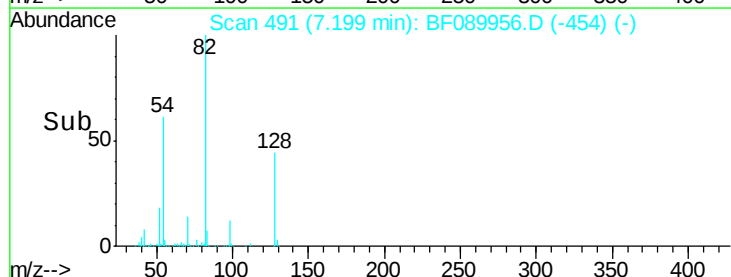
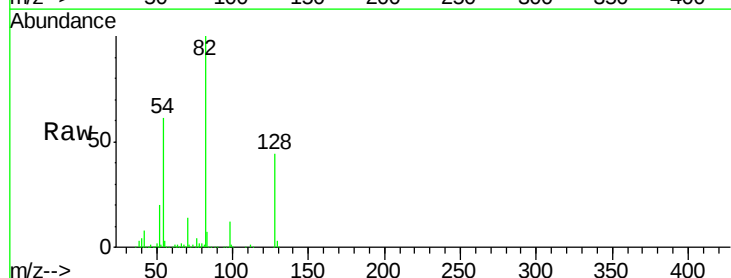
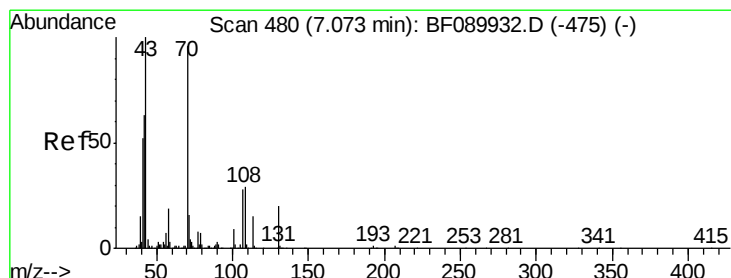
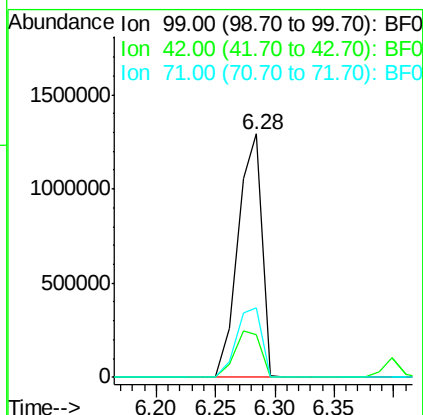
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1804465

Ion	Ratio	Lower	Upper
99	100		
42	17.4	18.6	27.8#
71	28.6	25.8	38.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.14 ng

RT: 7.20 min Scan# 491

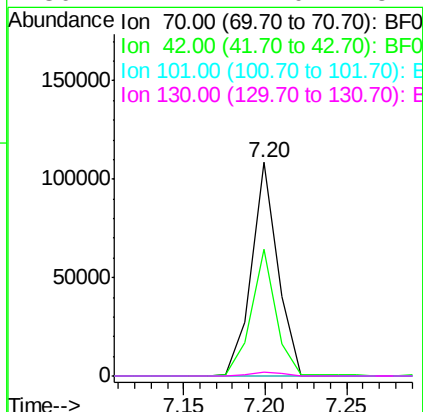
Delta R.T. 0.13 min

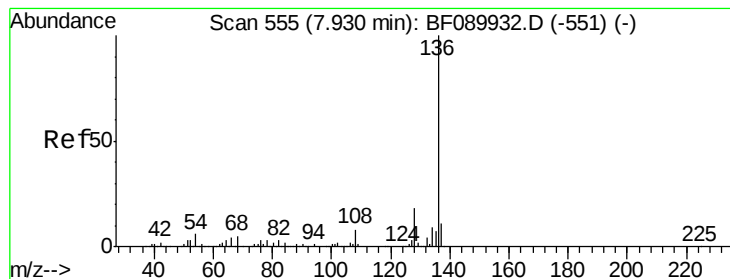
Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Tgt Ion: 70 Resp: 121139

Ion	Ratio	Lower	Upper
70	100		
42	59.1	52.1	78.1
101	0.0	7.4	11.2#
130	2.1	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: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 723116

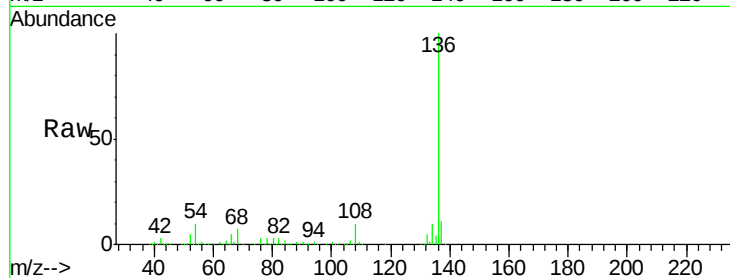
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 9.6 4.8 7.2#

68 6.9 3.7 5.5#

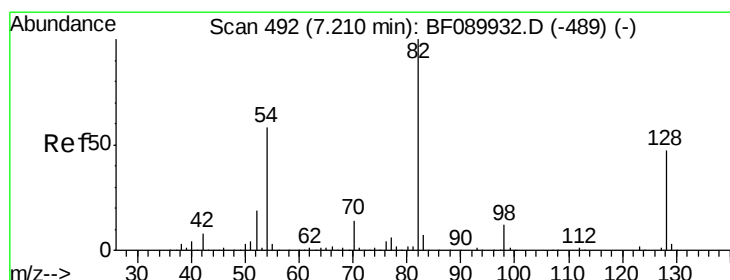
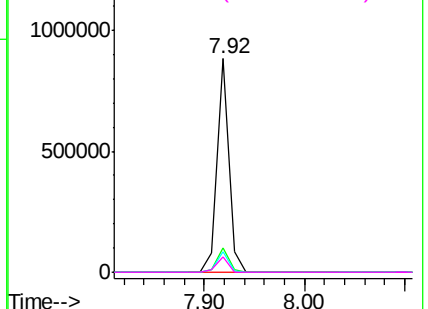
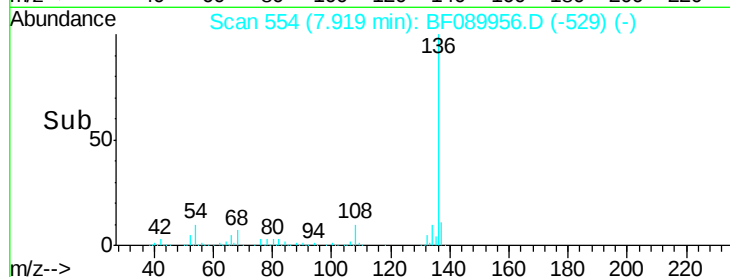


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.78 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

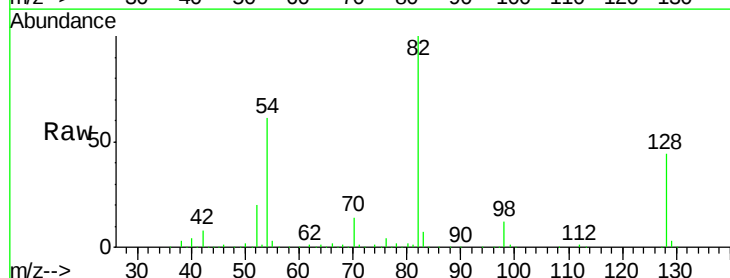
Tgt Ion: 82 Resp: 907513

Ion Ratio Lower Upper

82 100

128 43.7 37.8 56.8

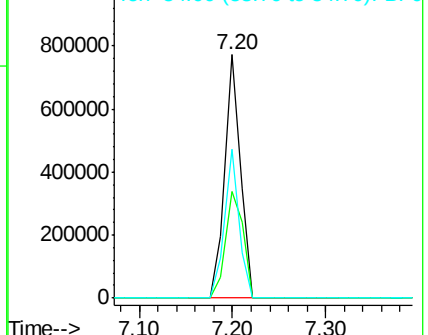
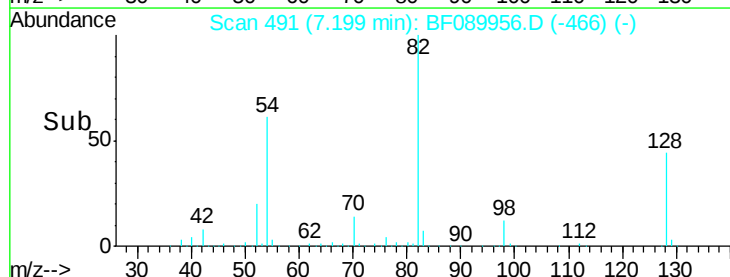
54 61.3 46.9 70.3

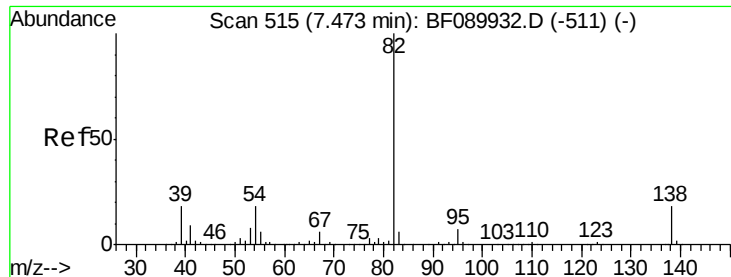


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.33 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

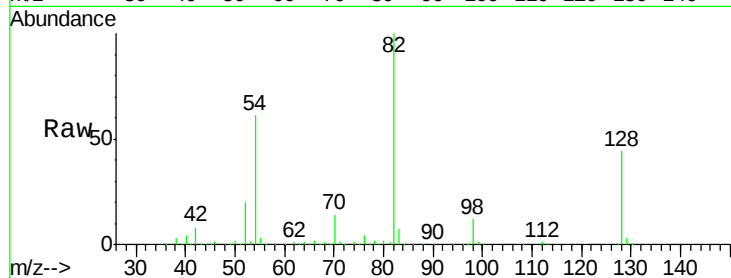
Tot Ion: 82 Resp: 768969

Ion Ratio Lower Upper

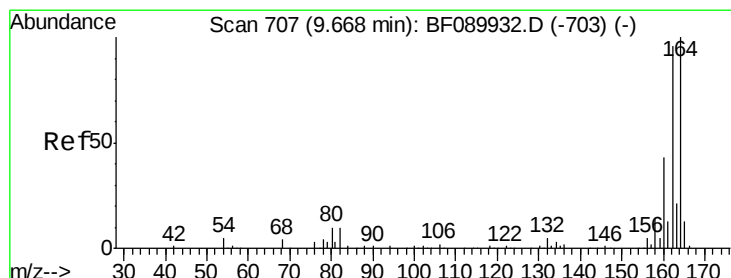
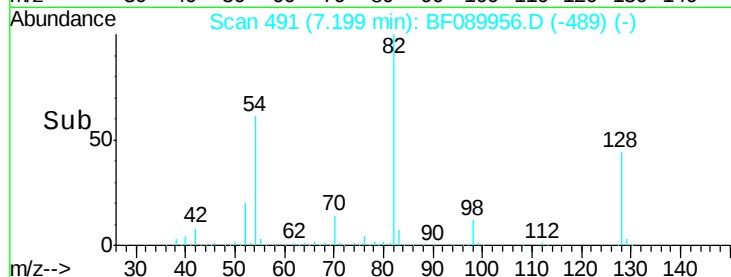
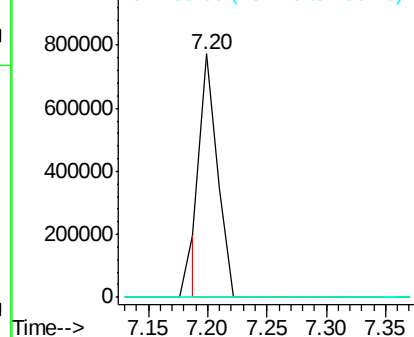
82 100

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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

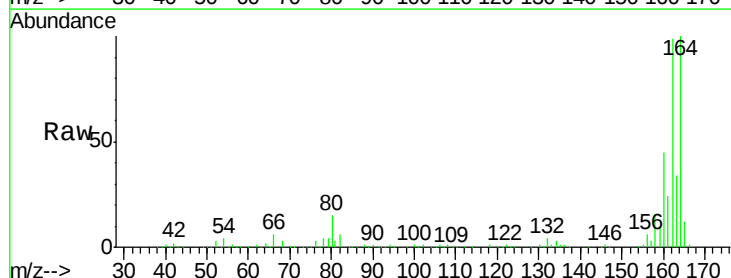
Tgt Ion: 164 Resp: 353075

Ion Ratio Lower Upper

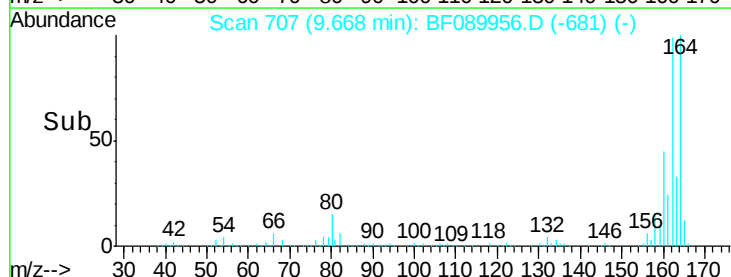
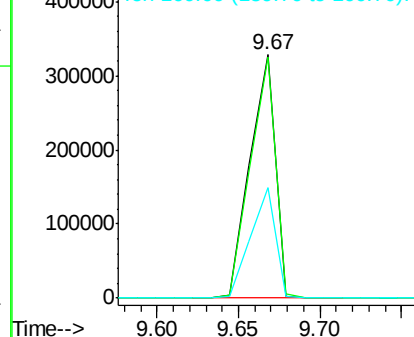
164 100

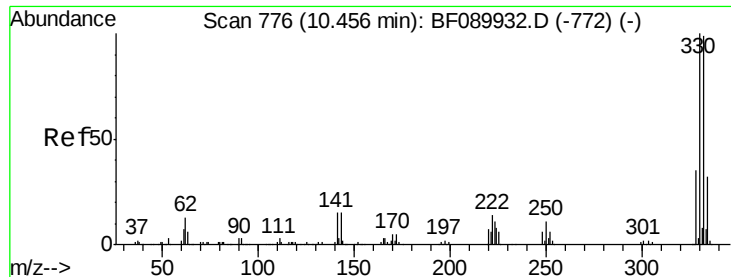
162 99.2 77.1 115.7

160 45.2 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

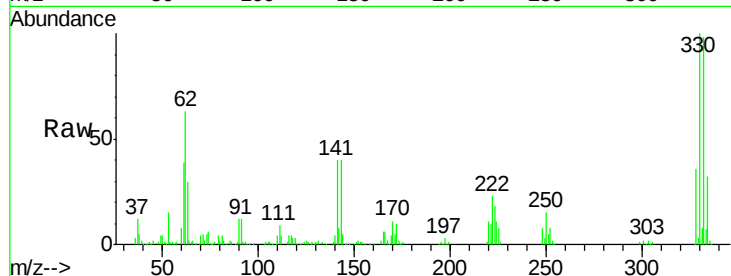




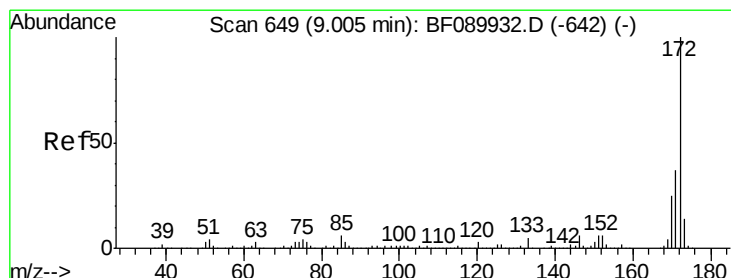
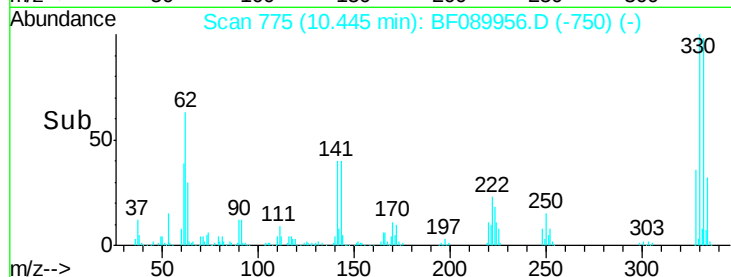
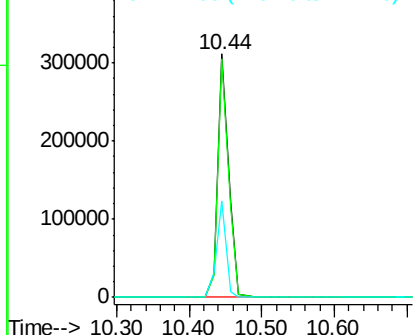
#41
 2,4,6-Tribromophenol
 Concen: 93.74 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089956.D
 Acq: 31 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	117.8
141	34.9	23.3	34.9#

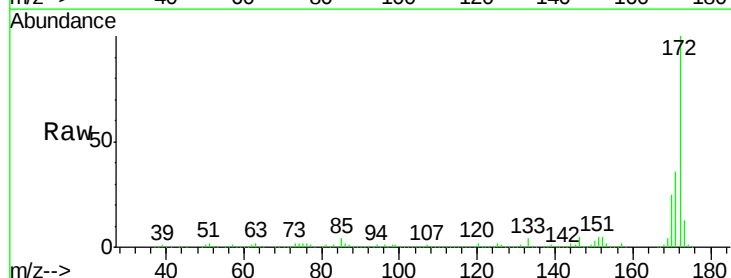


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

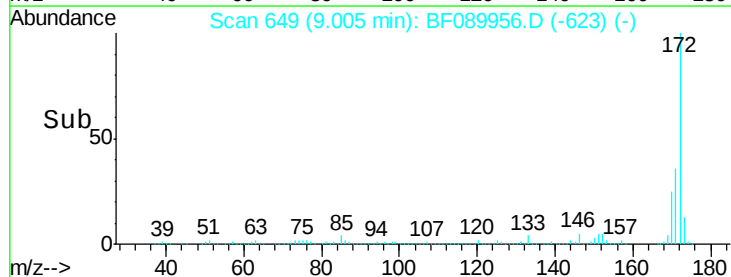
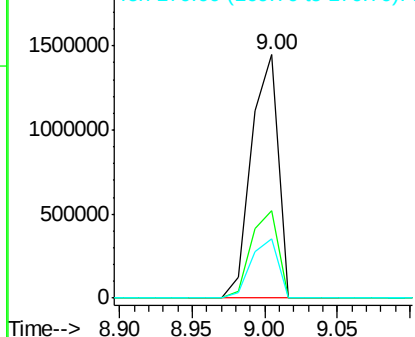


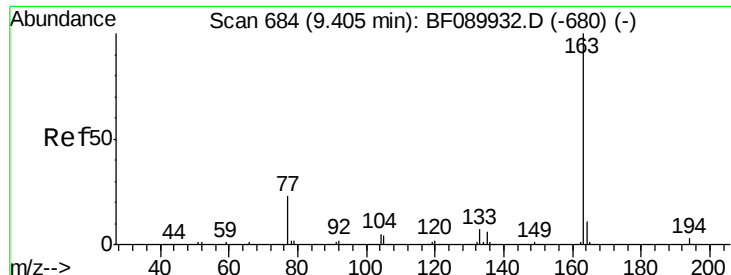
#44
 2-Fluorobiphenyl
 Concen: 86.08 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089956.D
 Acq: 31 Aug 2016 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.5	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

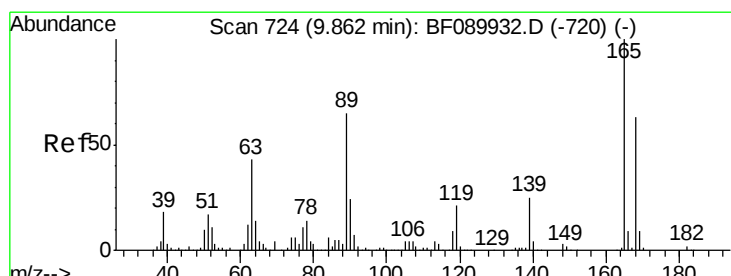
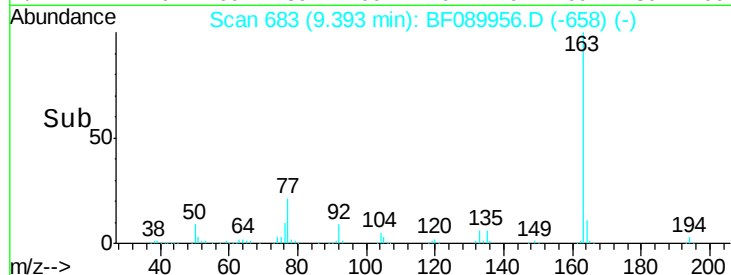
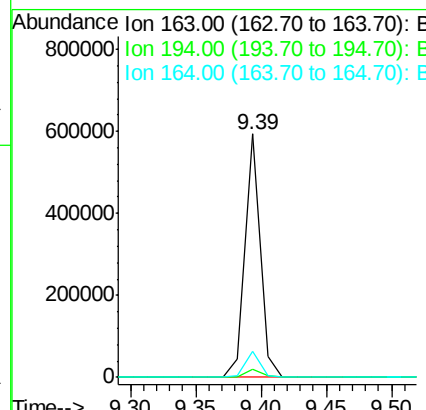
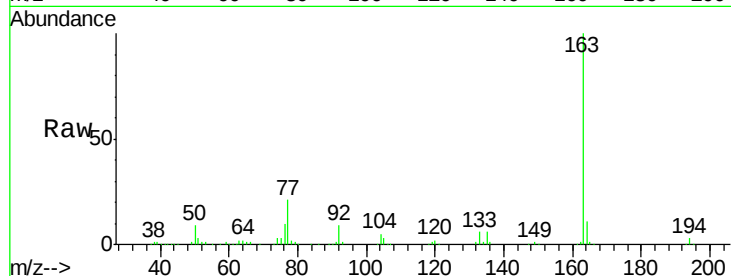




#49
Dimethylphthalate
Concen: 18.64 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

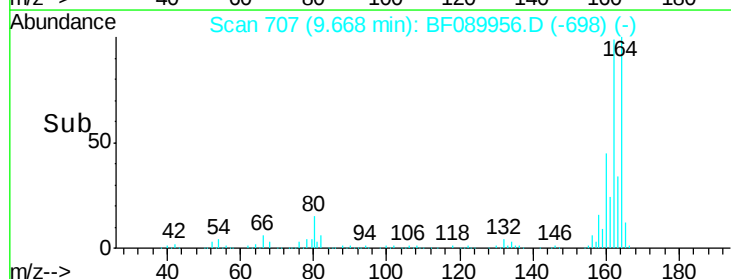
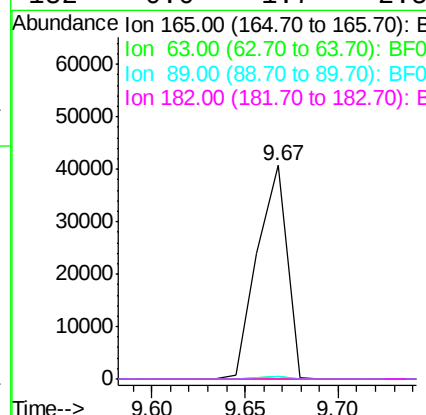
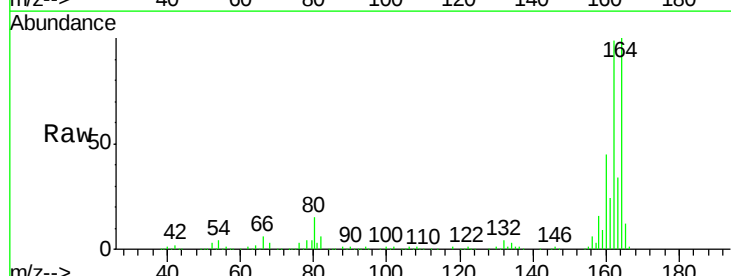
Instrument :
BNA_F
ClientSampleId :

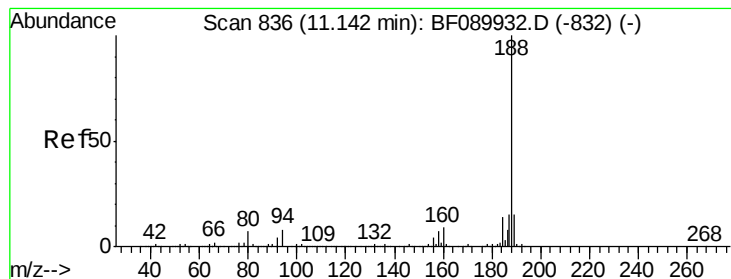
Tot Ion:163 Resp: 475640
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

Tgt Ion:165 Resp: 45116
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 1.3 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: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

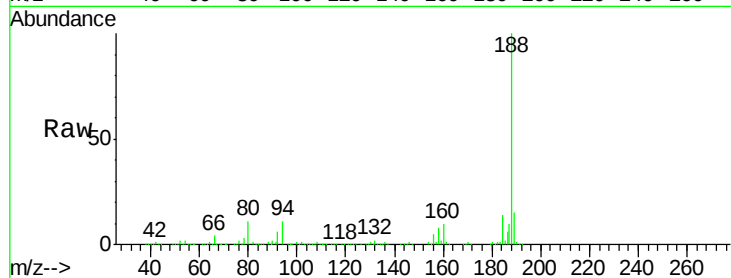
Tot Ion:188 Resp: 570253

Ion Ratio Lower Upper

188 100

94 11.0 5.9 8.9#

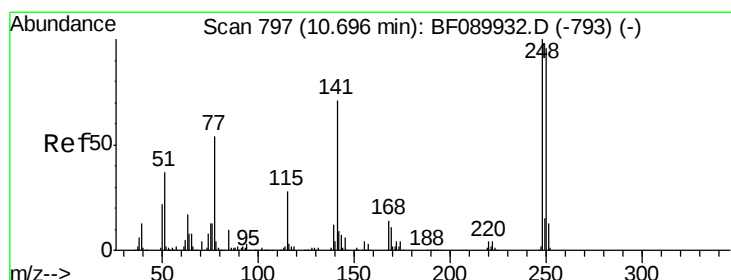
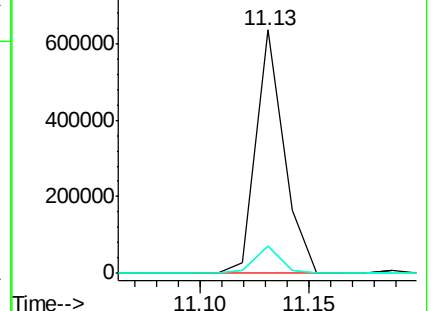
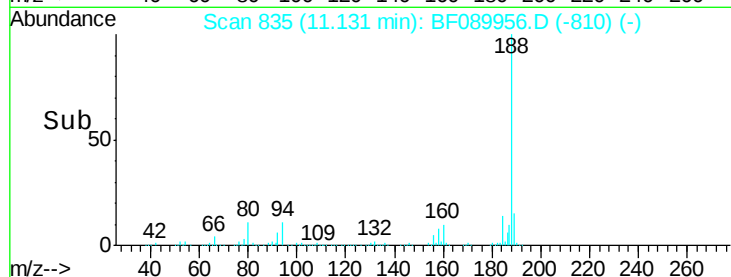
80 11.3 5.8 8.8#



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: 3.78 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

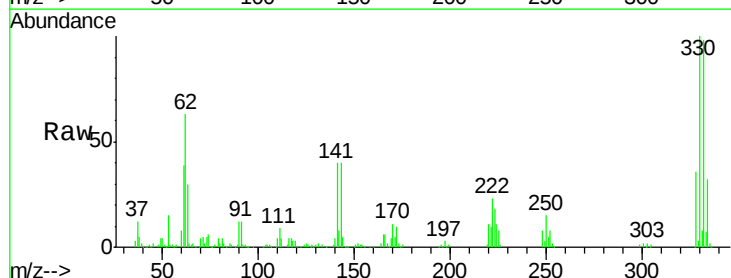
Tgt Ion:248 Resp: 21702

Ion Ratio Lower Upper

248 100

250 199.6 77.3 115.9#

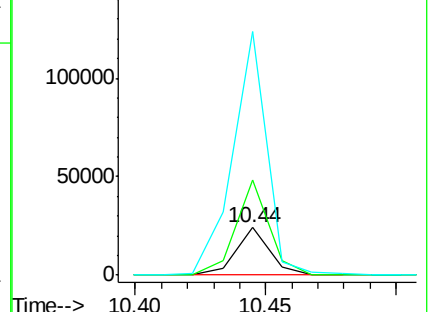
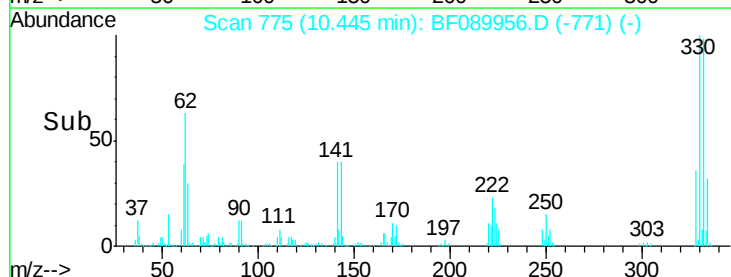
141 511.7 55.8 83.8#

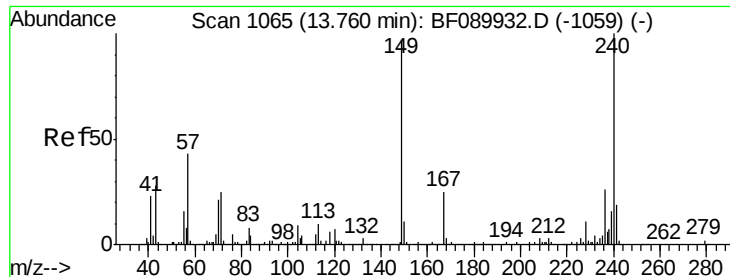


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

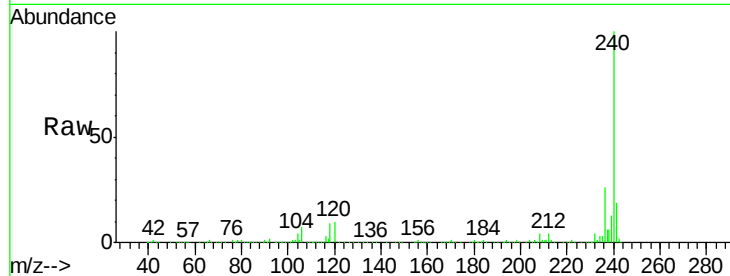
Tot Ion:240 Resp: 443156

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

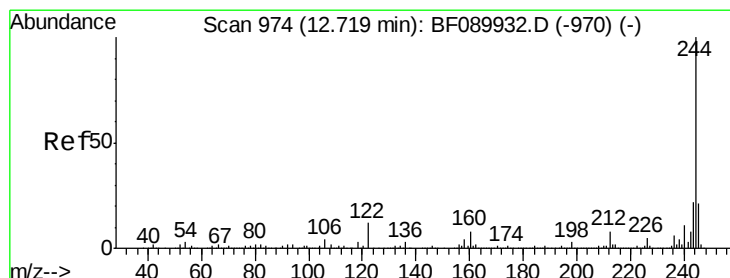
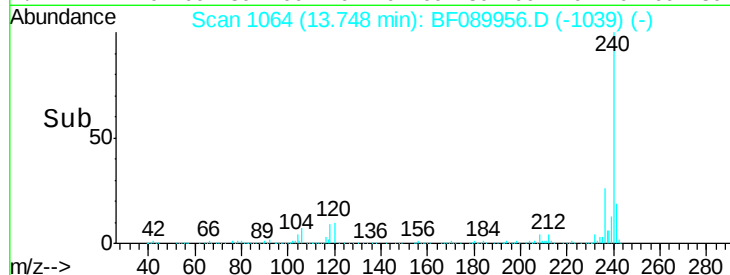
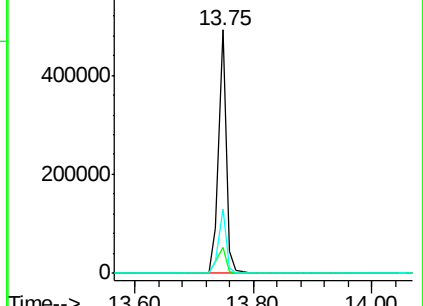
236 26.2 21.3 31.9



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: 74.54 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

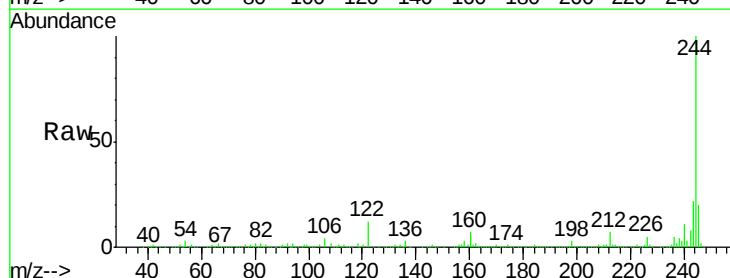
Tgt Ion:244 Resp: 1337166

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

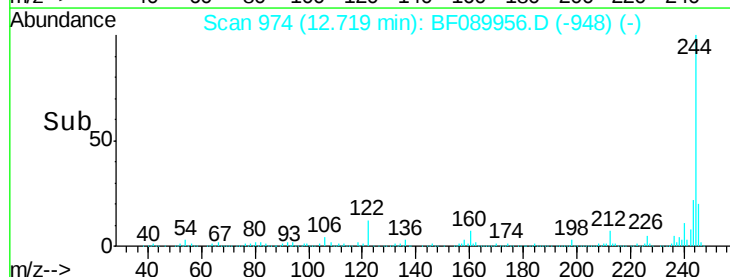
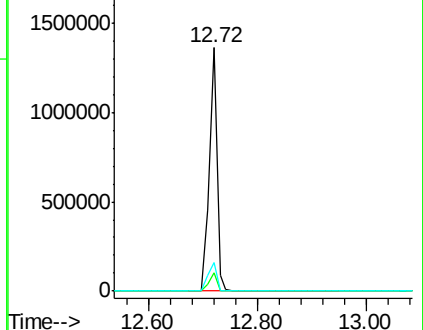
122 11.5 9.6 14.4

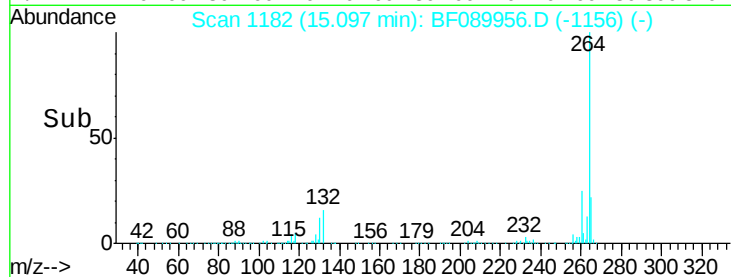
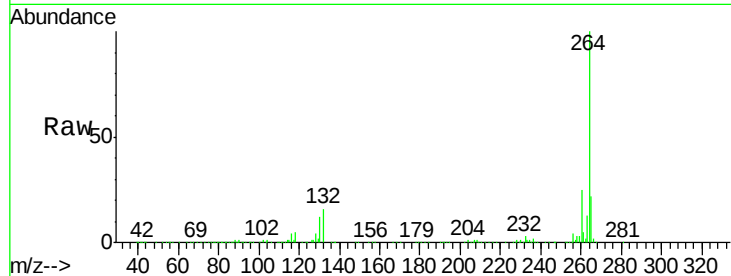
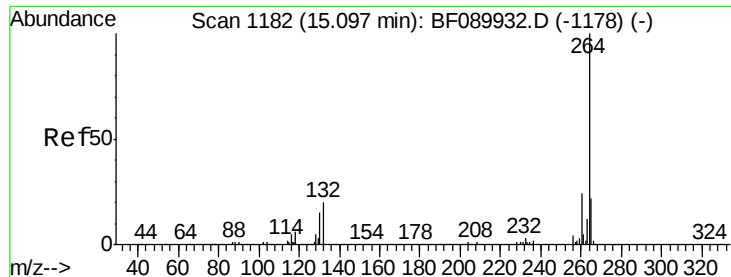


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.6	17.4	26.2

