

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089459.D
 Acq On : 30 Jul 2016 18:15
 Operator : UM/SJ
 Sample : H4284-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:10:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

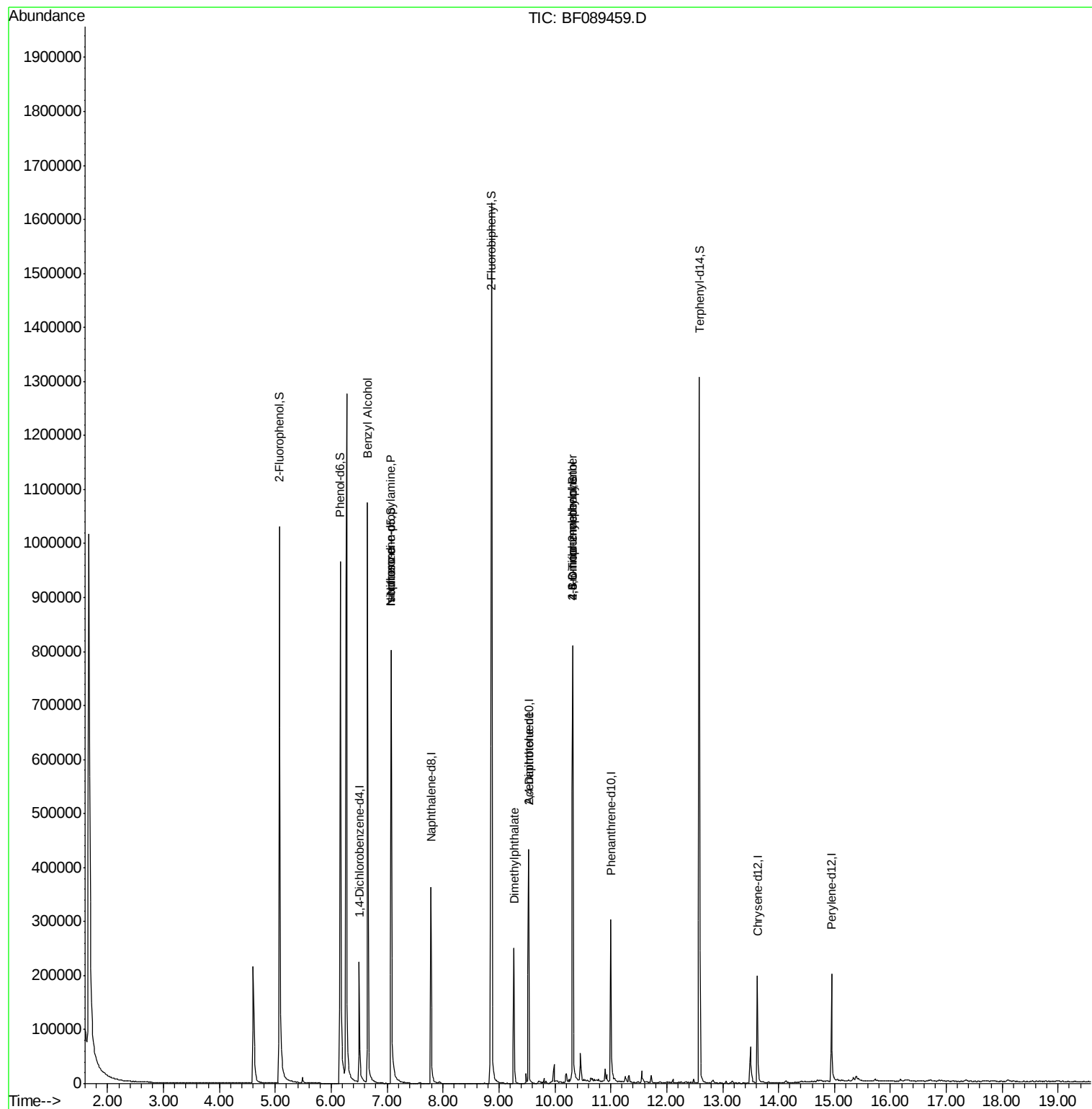
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	47435	20.00	ng	-0.05
21) Naphthalene-d8	7.78	136	213455	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	103049	20.00	ng	-0.05
63) Phenanthrene-d10	11.01	188	187297	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	113570	20.00	ng	-0.05
86) Perylene-d12	14.95	264	87455	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	436952	147.08	ng	-0.03
7) Phenol-d6	6.16	99	592825	151.00	ng	-0.05
23) Nitrobenzene-d5	7.07	82	368888	102.01	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	119705	140.26	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	600516	85.52	ng	-0.05
78) Terphenyl-d14	12.58	244	421301	86.82	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.65	79	5470	2.25	ng	# 49
19) n-Nitroso-di-n-propylamine	7.07	70	49597	20.95	ng	# 81
25) Isophorone	7.07	82	327983	45.02	ng	# 67
49) Dimethylphthalate	9.27	163	111087	14.16	ng	99
56) 2,4-Dinitrotoluene	9.53	165	12471	5.88	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.32	198	219	4.51	ng	# 1
66) 4-Bromophenyl-phenylether	10.32	248	9172	5.13	ng	# 1

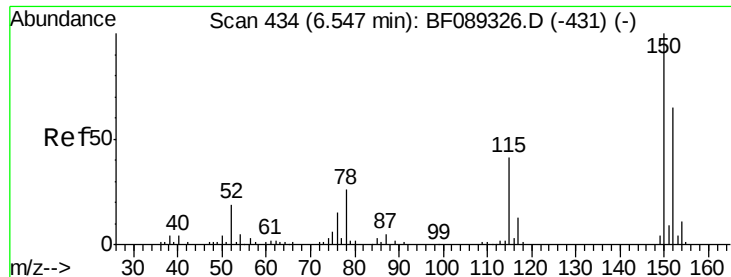
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089459.D
Acq On : 30 Jul 2016 18:15
Operator : UM/SJ
Sample : H4284-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:10:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

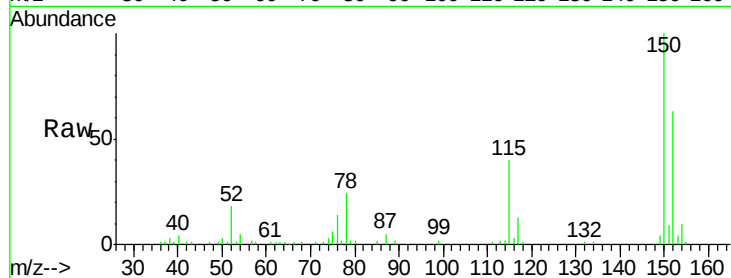
Tot Ion:152 Resp: 47435

Ion Ratio Lower Upper

152 100

150 159.1 129.5 194.3

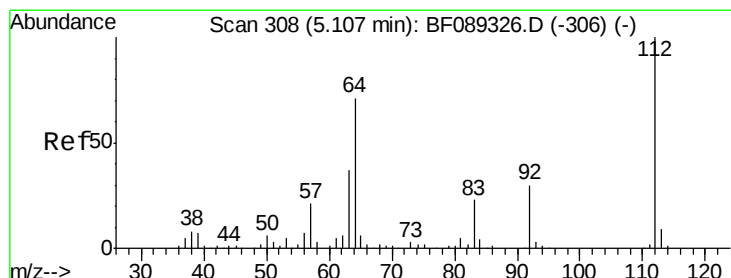
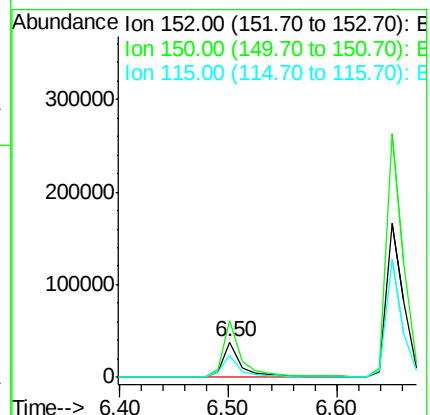
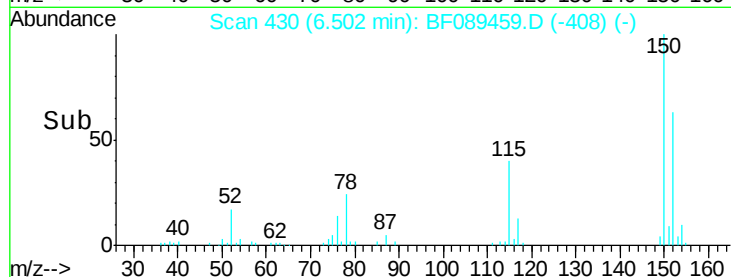
115 63.2 51.4 77.2



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: 147.08 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

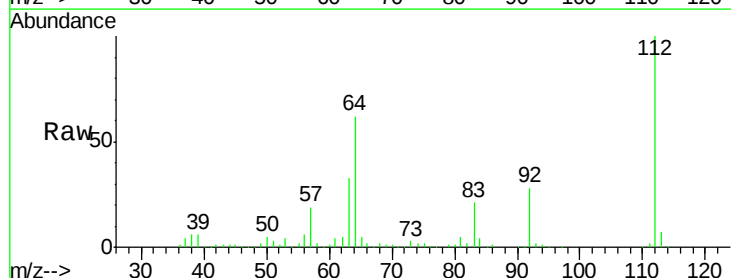
Tgt Ion:112 Resp: 436952

Ion Ratio Lower Upper

112 100

64 62.1 55.0 82.6

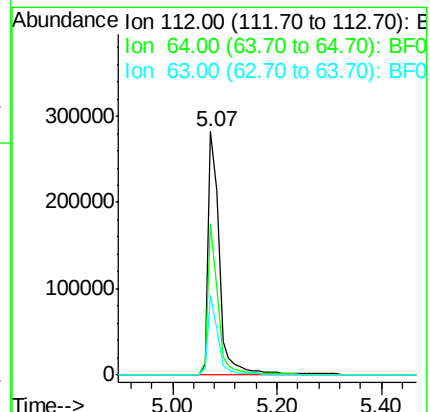
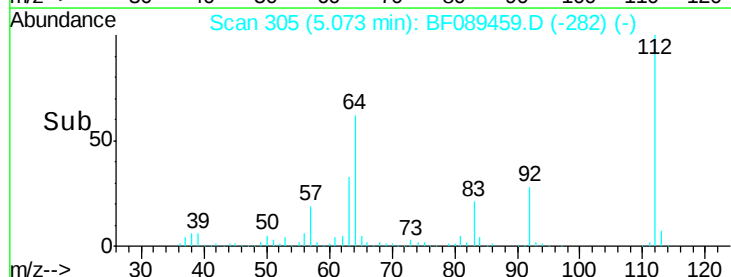
63 32.9 29.4 44.2



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: 151.00 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

Instrument :

BNA_F

ClientSampled :

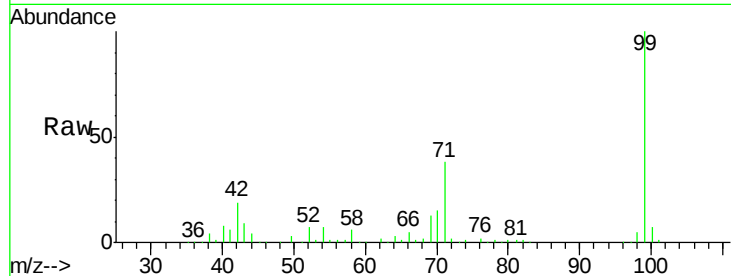
Tot Ion: 99 Resp: 592825

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

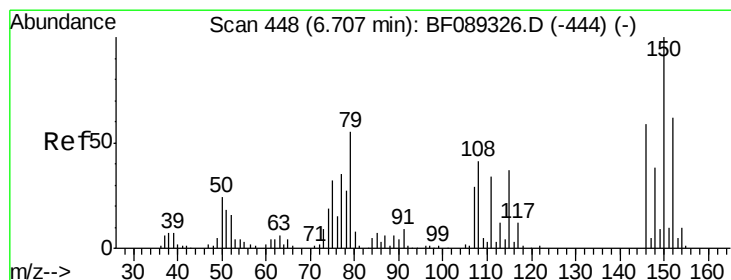
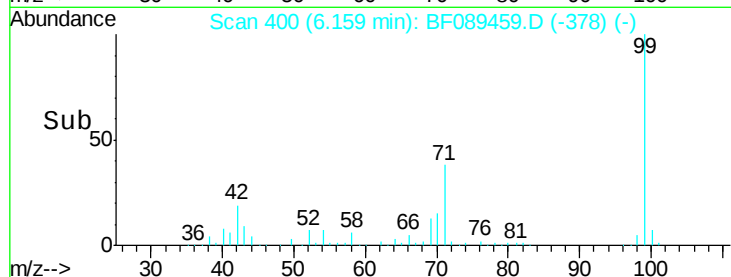
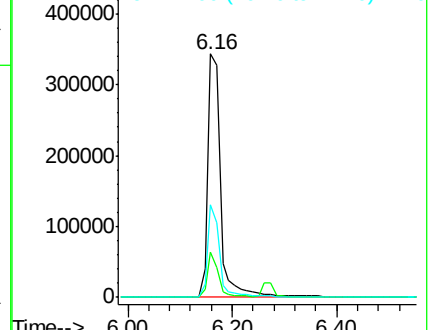
71 38.2 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

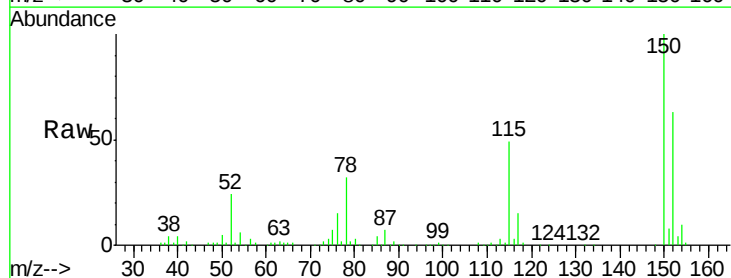
Tgt Ion: 79 Resp: 5470

Ion Ratio Lower Upper

79 100

108 29.3 59.8 89.6#

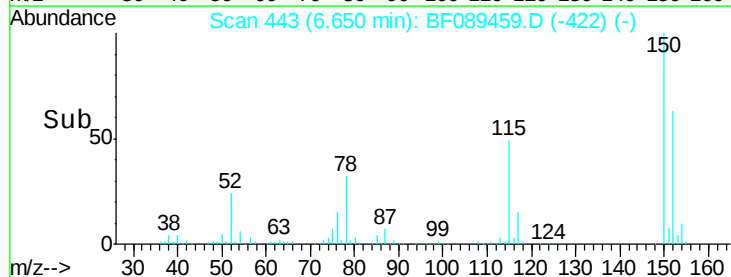
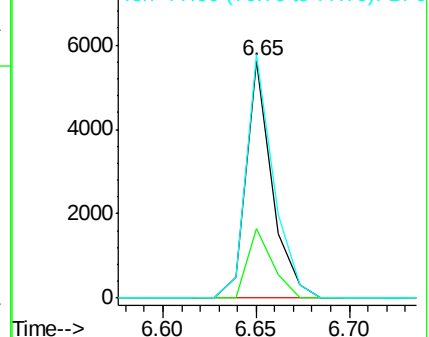
77 102.6 51.7 77.5#

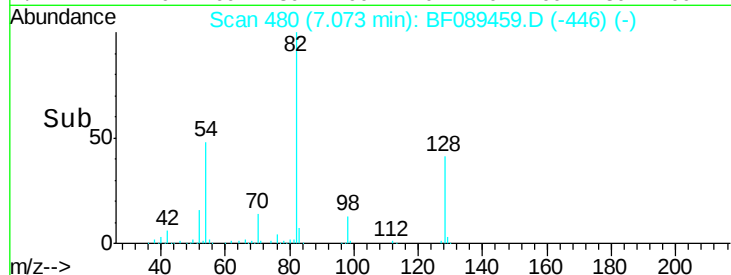
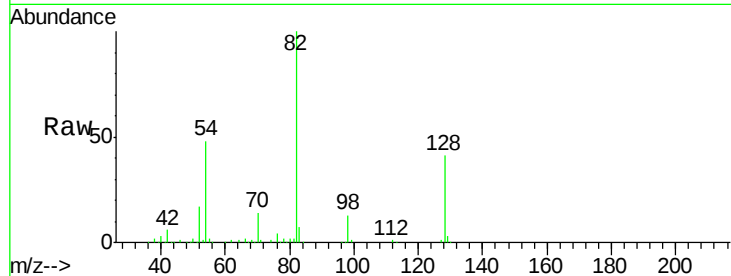
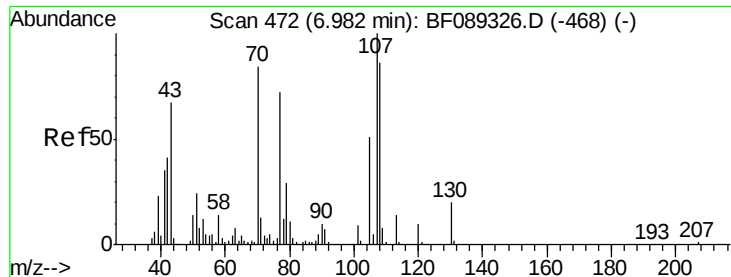


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

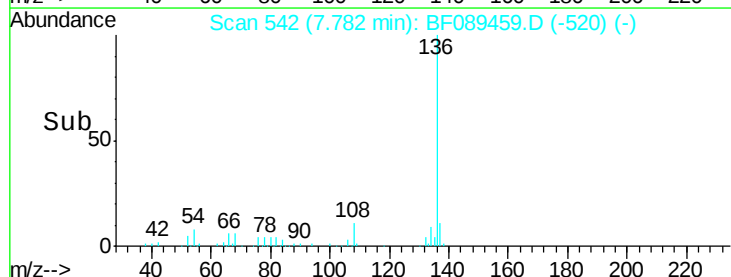
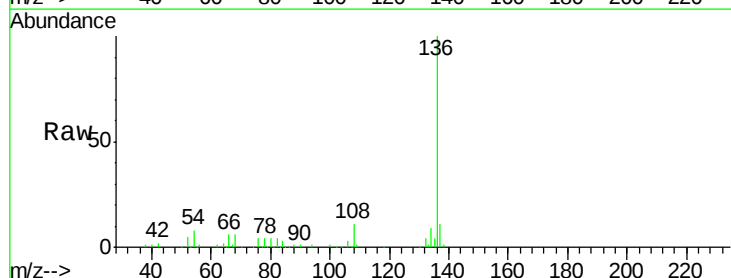
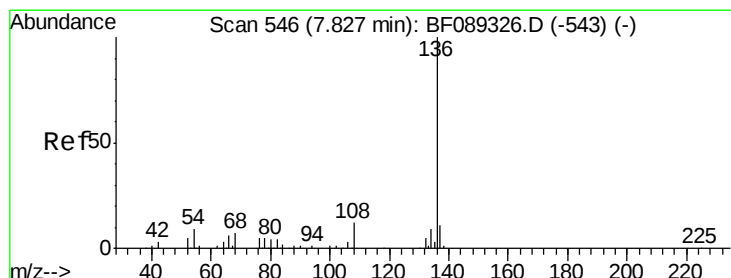
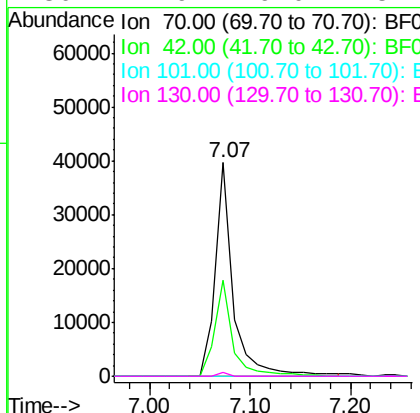




#19
n-Nitroso-di-n-propylamine
Concen: 20.95 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.09 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

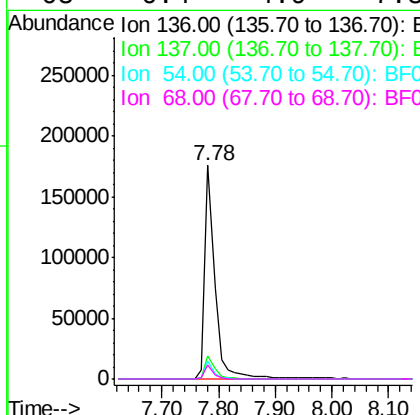
Instrument :
BNA_F
ClientSampleId :

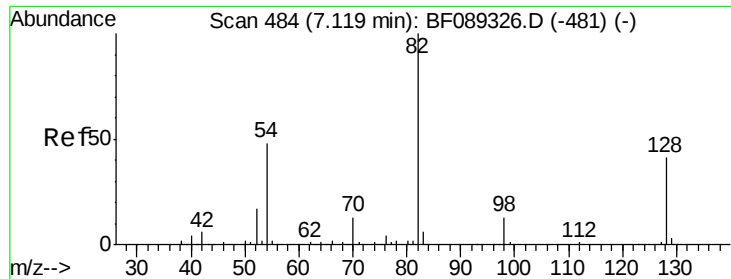
Tot Ion: 70 Resp: 49597
Ion Ratio Lower Upper
70 100
42 44.7 38.6 57.8
101 0.0 8.3 12.5#
130 1.9 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

Tgt Ion: 136 Resp: 213455
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.0 10.4
68 6.4 4.9 7.3

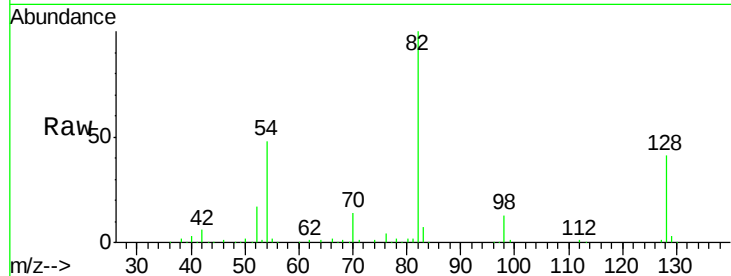




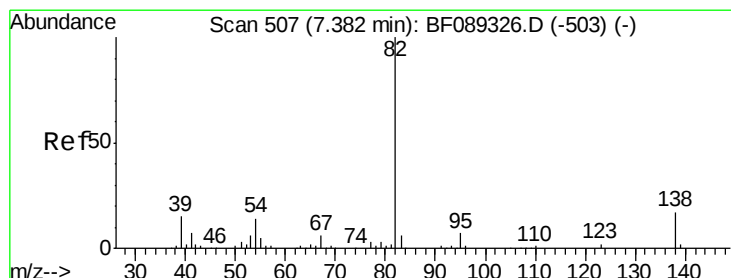
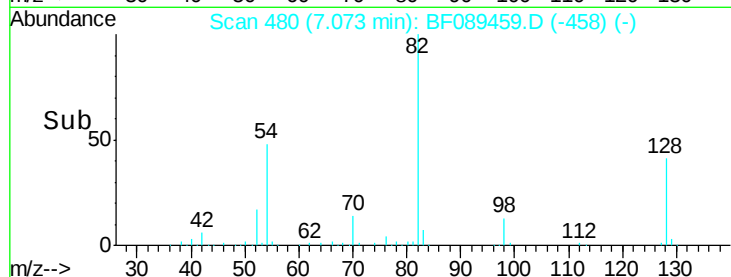
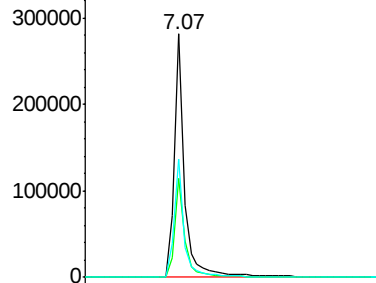
#23
 Nitrobenzene-d5
 Concen: 102.01 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.05 min
 Lab File: BF089459.D
 Acq: 30 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	368888
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.5	48.7
54	48.5	38.8	58.2

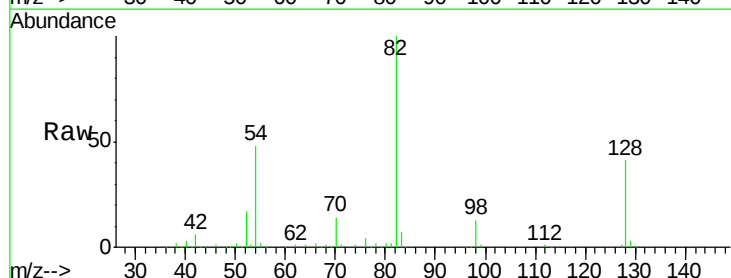


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

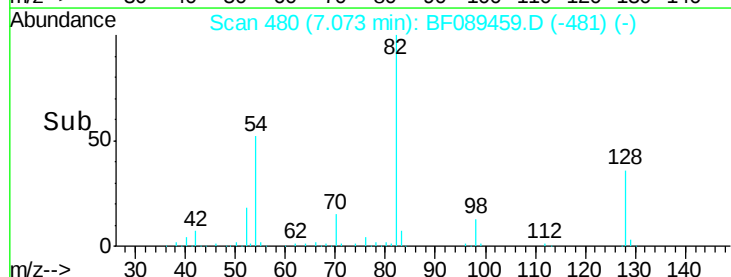
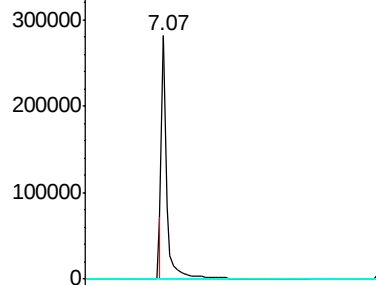


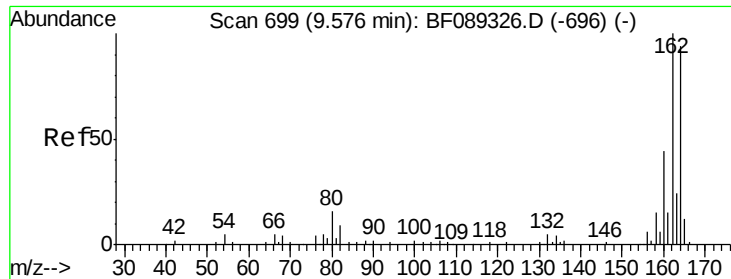
#25
 Isophorone
 Concen: 45.02 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.31 min
 Lab File: BF089459.D
 Acq: 30 Jul 2016 18:15

Tgt Ion	82	Resp	327983
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#



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

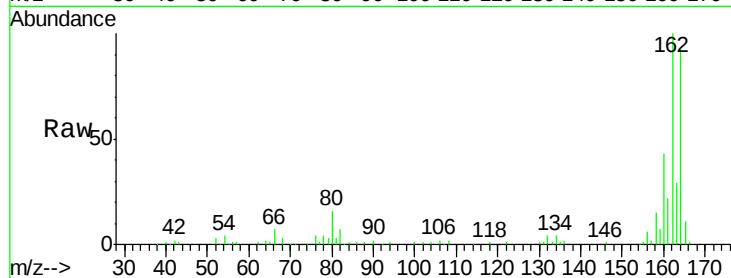




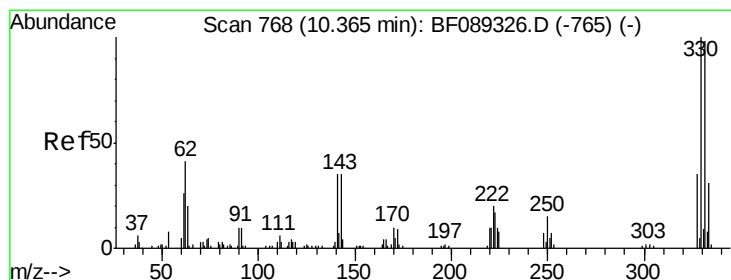
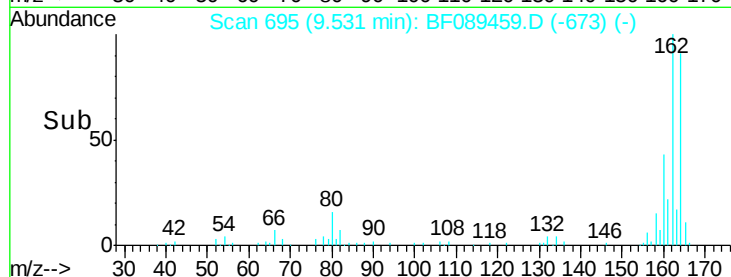
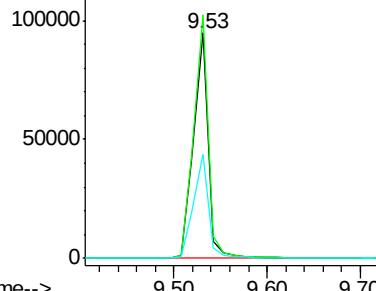
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 103049
Ion Ratio Lower Upper
164 100
162 108.0 83.7 125.5
160 46.1 37.8 56.6

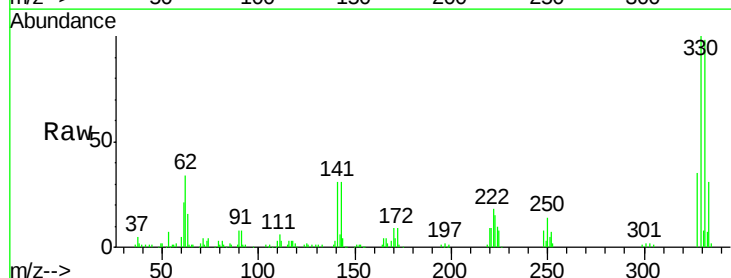


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

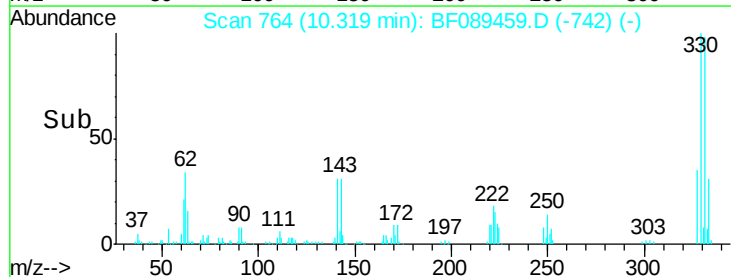
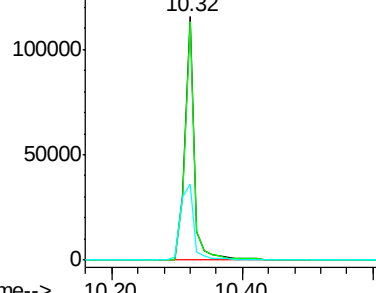


#41
2,4,6-Tribromophenol
Concen: 140.26 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

Tgt Ion:330 Resp: 119705
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 44.0 37.3 55.9



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

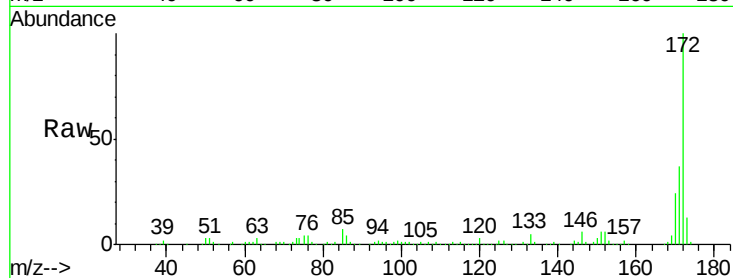




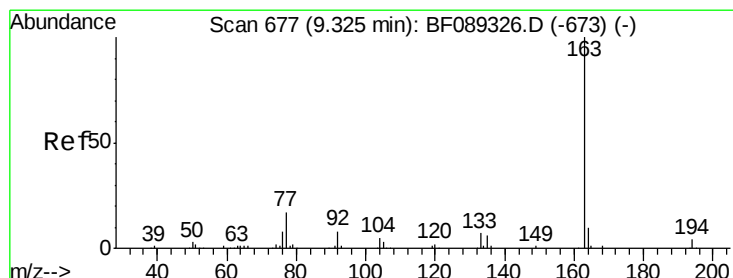
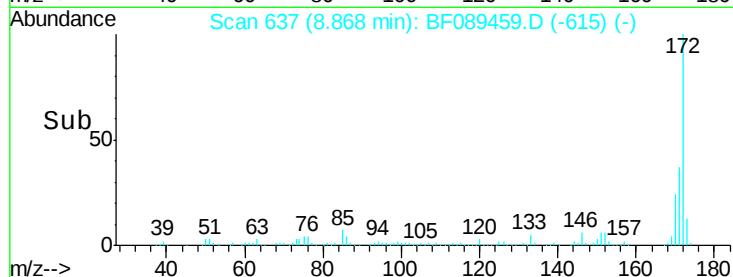
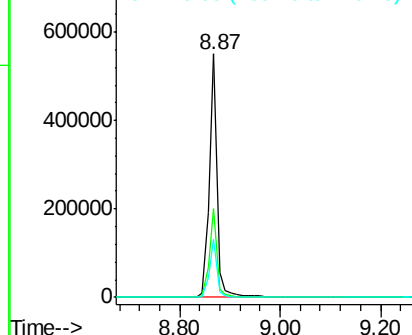
#44
2-Fluorobiphenyl
Concen: 85.52 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.05 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 600516
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.9 19.2 28.8

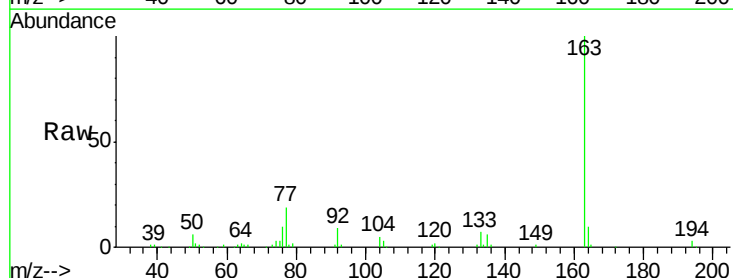


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

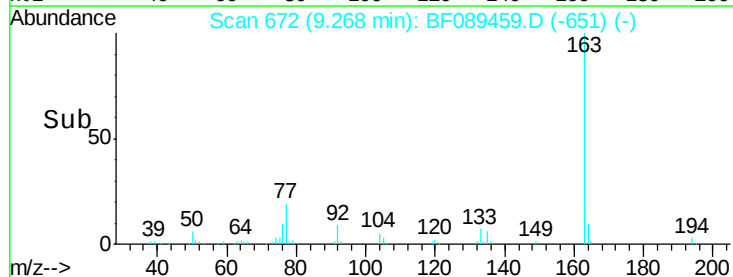
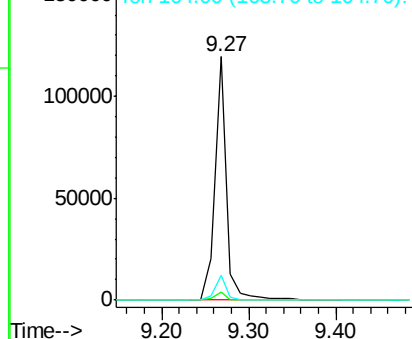


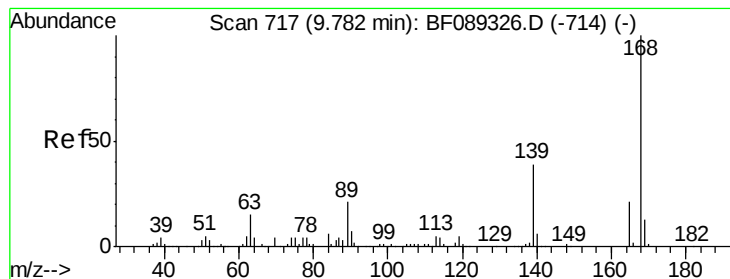
#49
Dimethylphthalate
Concen: 14.16 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089459.D
Acq: 30 Jul 2016 18:15

Tgt Ion:163 Resp: 111087
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.0 7.8 11.8



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: 5.88 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.25 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 12471

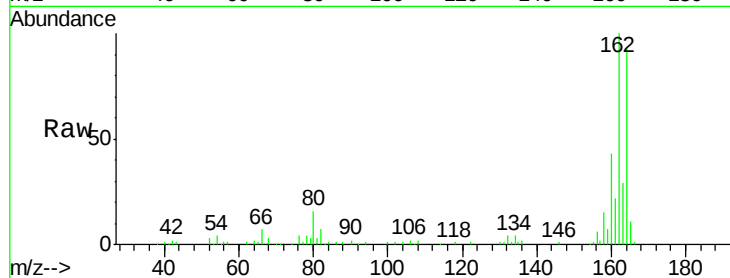
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

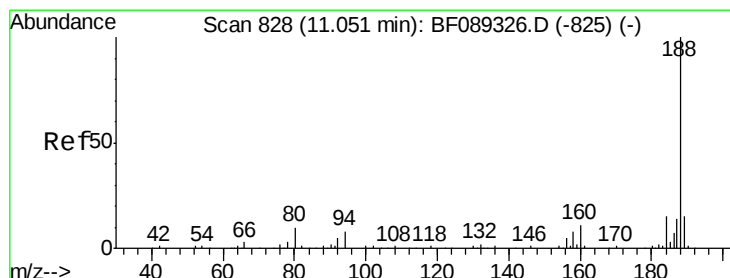
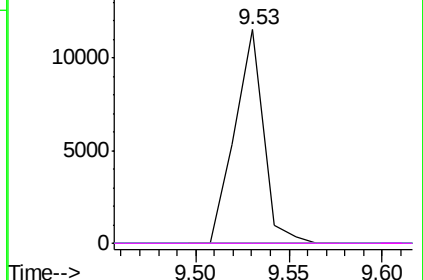
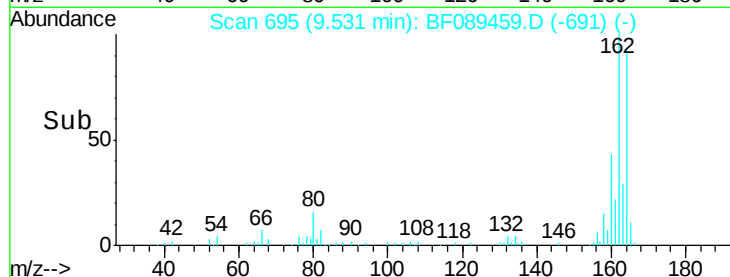


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.01 min Scan# 824

Delta R.T. -0.05 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

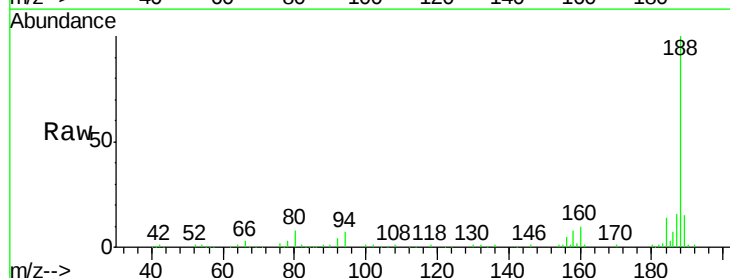
Tgt Ion:188 Resp: 187297

Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

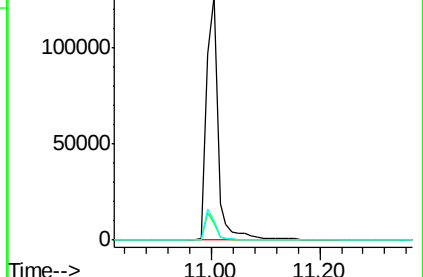
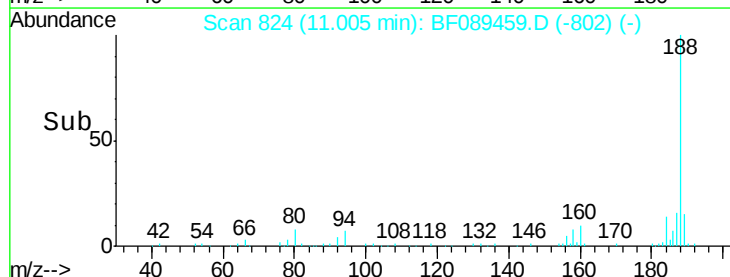
80 8.2 7.2 10.8

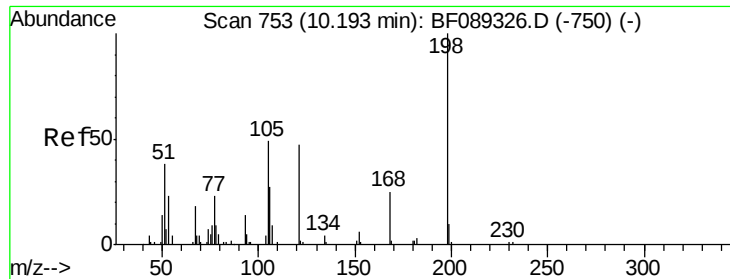


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.51 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.13 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

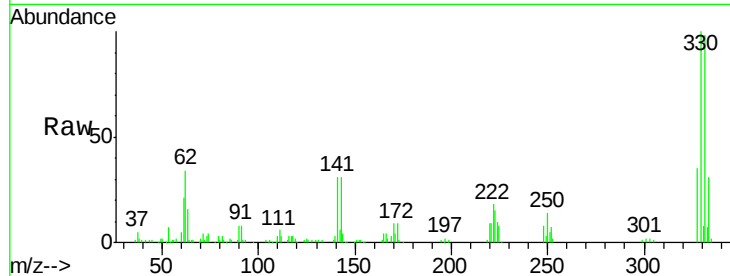
Tot Ion:198 Resp: 219

Ion Ratio Lower Upper

198 100

51 0.0 23.0 63.0#

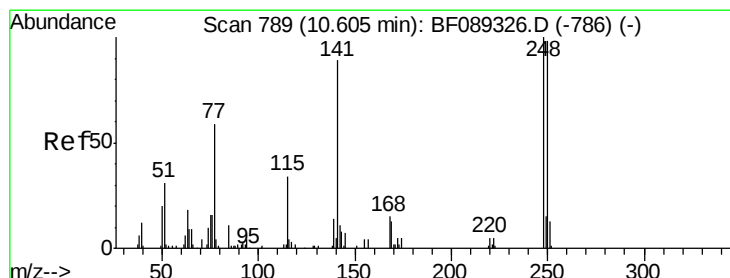
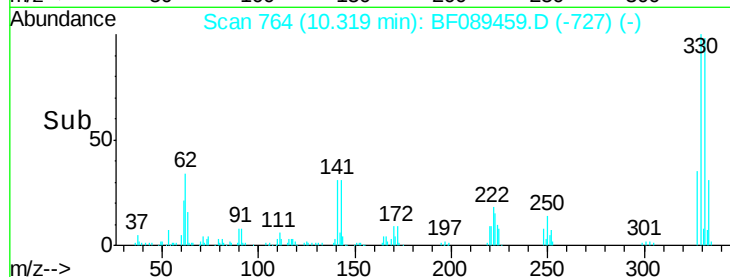
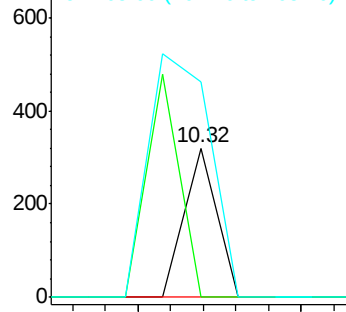
105 144.4 28.3 68.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.13 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.29 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

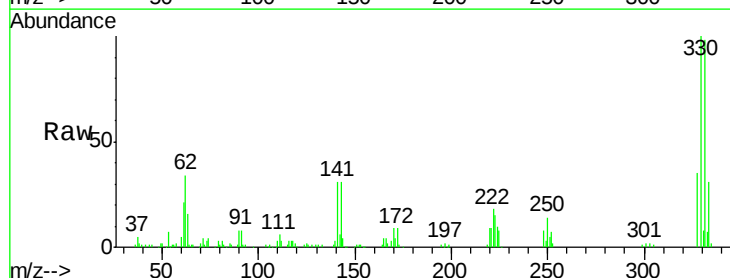
Tgt Ion:248 Resp: 9172

Ion Ratio Lower Upper

248 100

250 188.2 78.2 117.2#

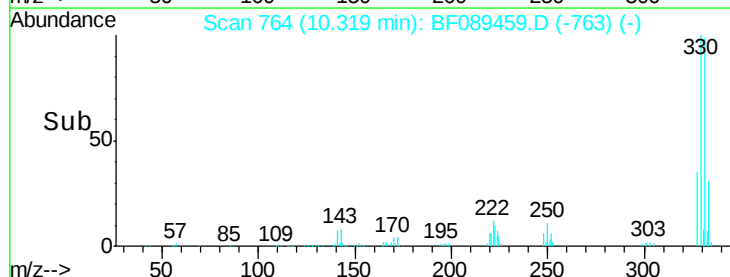
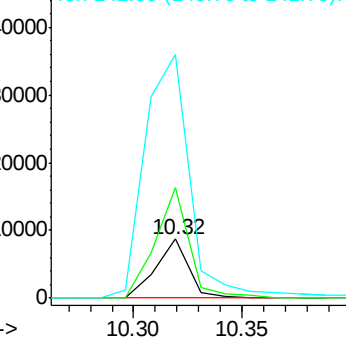
141 413.4 62.0 93.0#

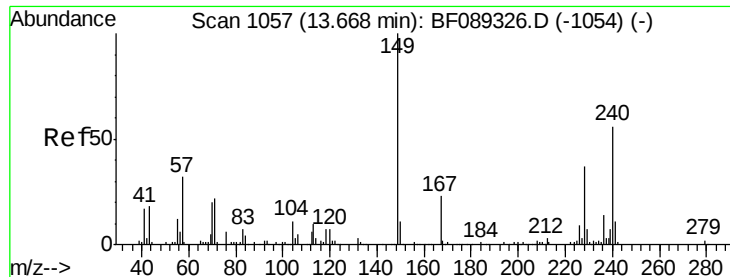


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

Instrument :

BNA_F

ClientSampled :

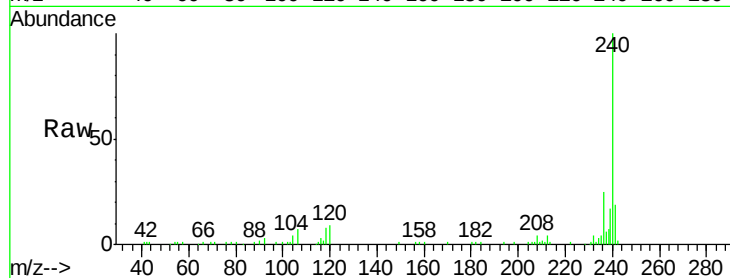
Tot Ion:240 Resp: 113570

Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

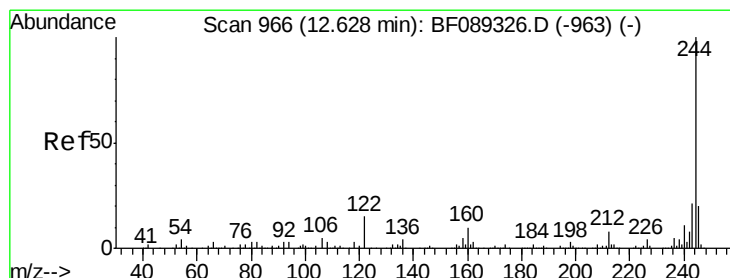
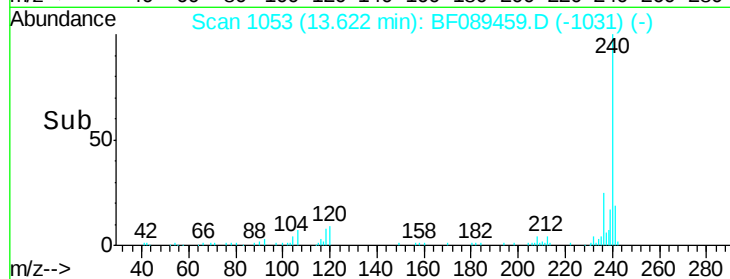
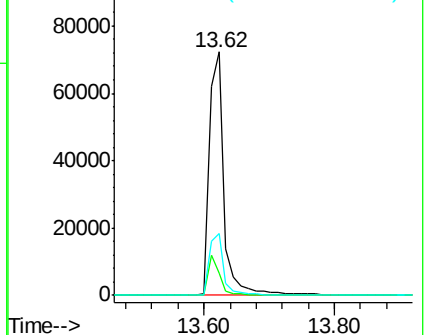
236 25.2 20.6 30.8



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: 86.82 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089459.D

Acq: 30 Jul 2016 18:15

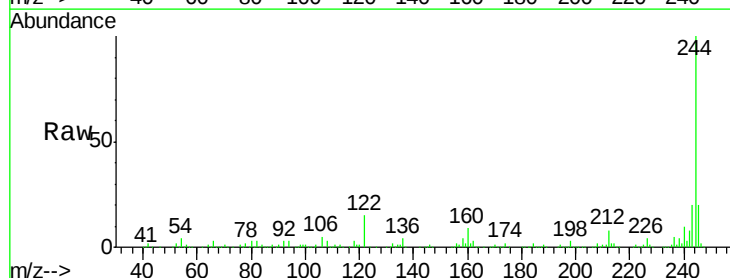
Tgt Ion:244 Resp: 421301

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

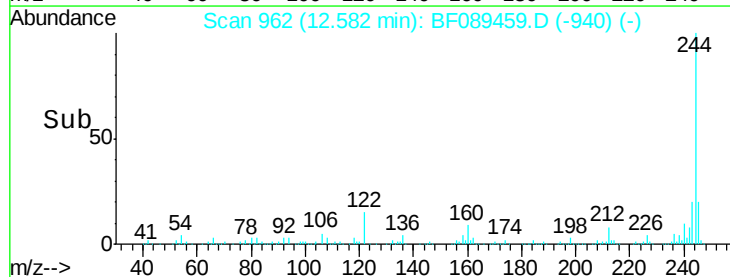
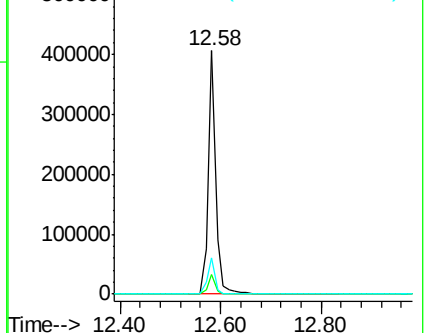
122 14.9 11.4 17.0

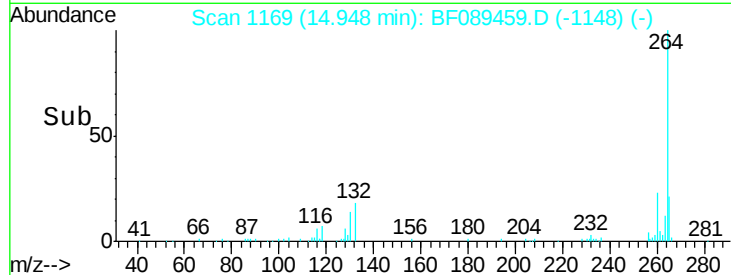
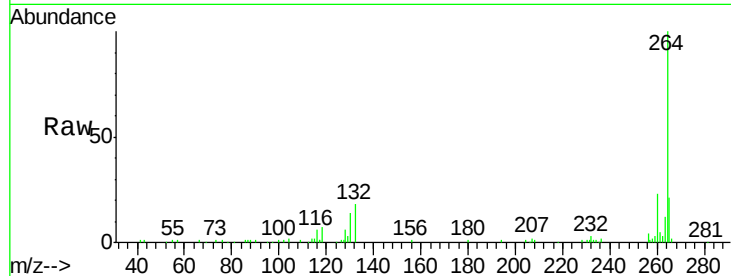
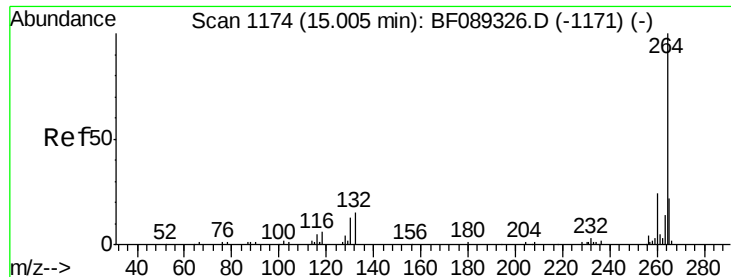


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089459.D
 Acq: 30 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	87455
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	20.8	17.5	26.3

