

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089743.D
 Acq On : 17 Aug 2016 4:56
 Operator : UM/SJ
 Sample : PB92884BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

Quant Time: Aug 17 06:55:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

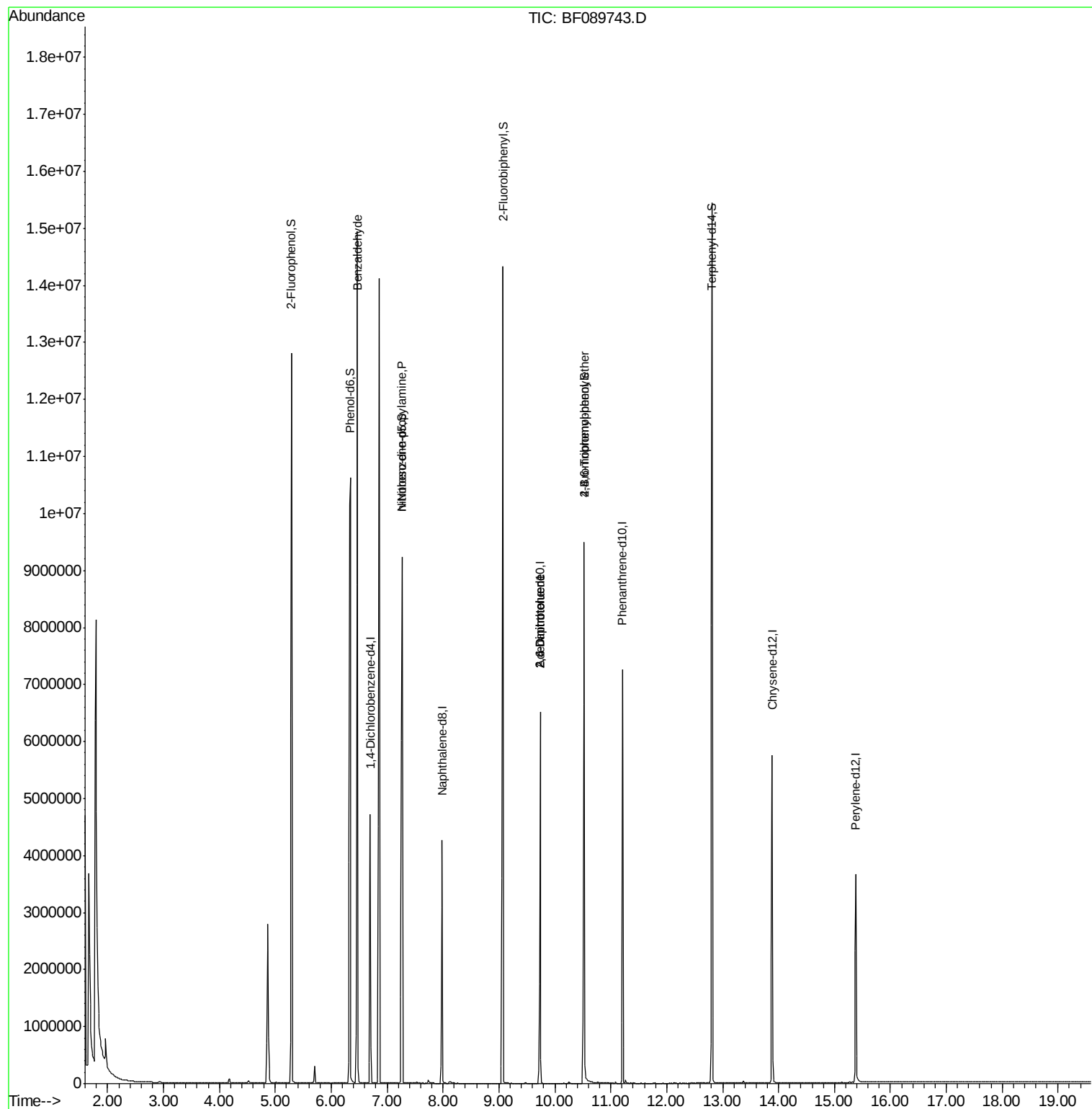
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	661668	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2673015	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1296495	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2345224	20.00	ng	0.00
75) Chrysene-d12	13.89	240	2046579	20.00	ng	-0.01
86) Perylene-d12	15.38	264	1714049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4417701	111.40	ng	0.01
7) Phenol-d6	6.34	99	6607298	130.99	ng	0.01
23) Nitrobenzene-d5	7.27	82	4011825	91.65	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1536609	122.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6755990	83.62	ng	0.00
78) Terphenyl-d14	12.81	244	5126416	74.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	120145	3.59	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.27	70	556197	16.84	ng	# 73
50) 2,6-Dinitrotoluene	9.74	165	170824	8.05	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	170824	6.26	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	97054	4.00	ng	# 1

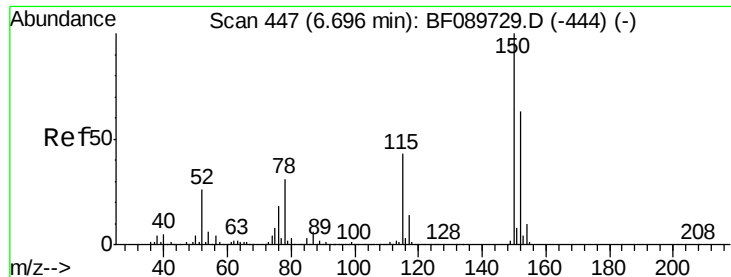
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089743.D
Acq On : 17 Aug 2016 4:56
Operator : UM/SJ
Sample : PB92884BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92884BL

Quant Time: Aug 17 06:55:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampleId :

PB92884BL

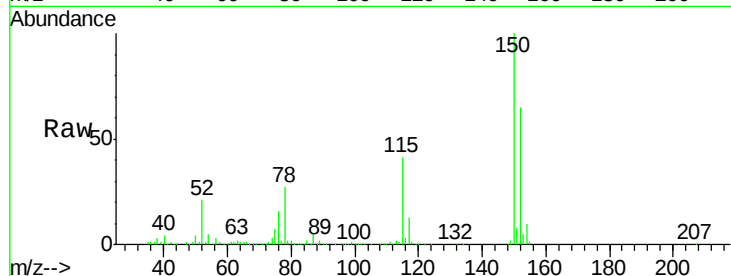
Tgt Ion:152 Resp: 661668

Ion Ratio Lower Upper

152 100

150 154.6 125.3 187.9

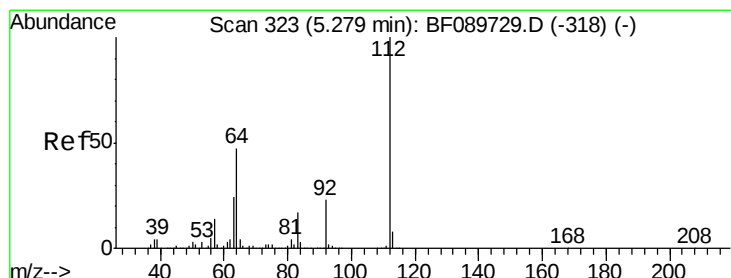
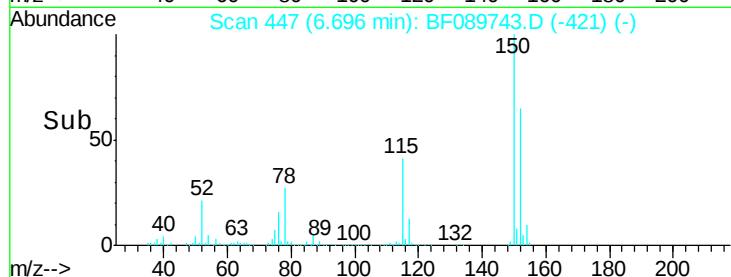
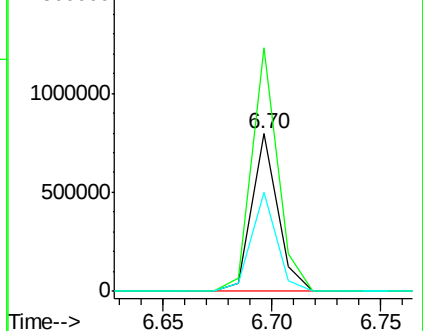
115 62.9 40.9 61.3#



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: 111.40 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

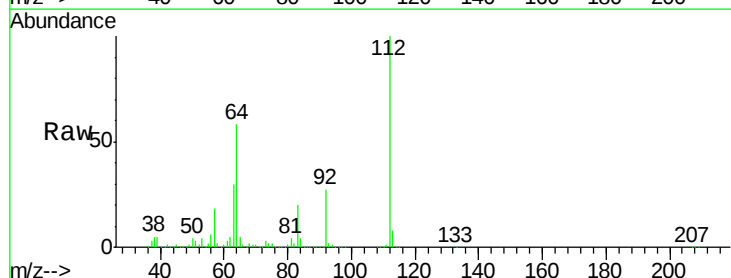
Tgt Ion:112 Resp: 4417701

Ion Ratio Lower Upper

112 100

64 57.8 45.0 67.4

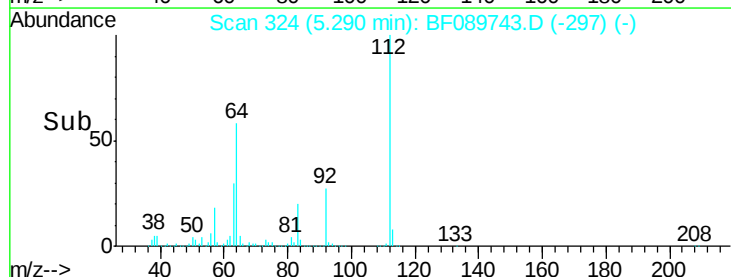
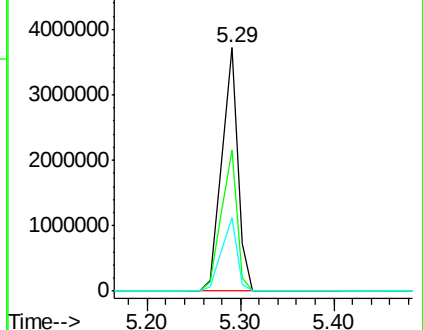
63 30.4 23.1 34.7

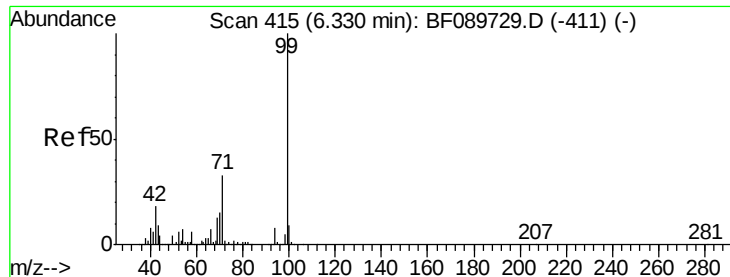


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.99 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampled :

PB92884BL

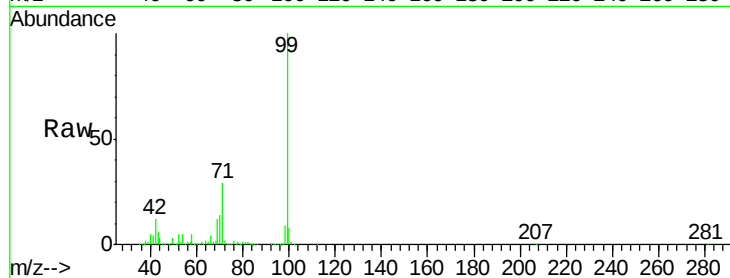
Tgt Ion: 99 Resp: 6607298

Ion Ratio Lower Upper

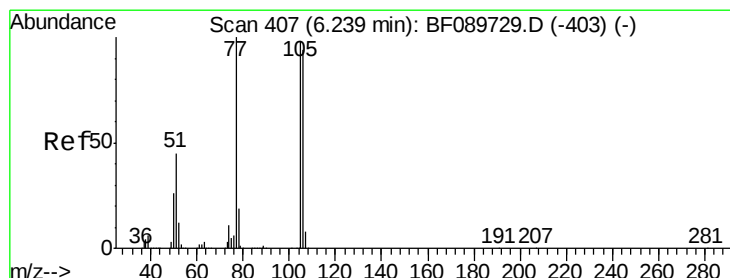
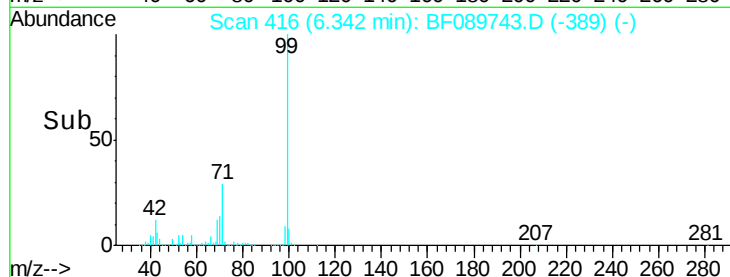
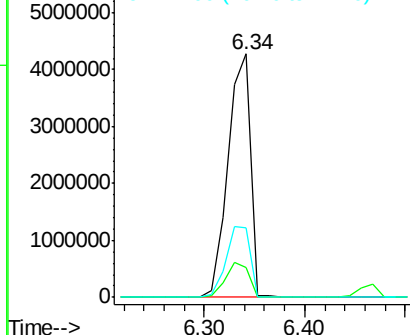
99 100

42 12.2 12.2 18.4#

71 28.7 23.8 35.8



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: 3.59 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

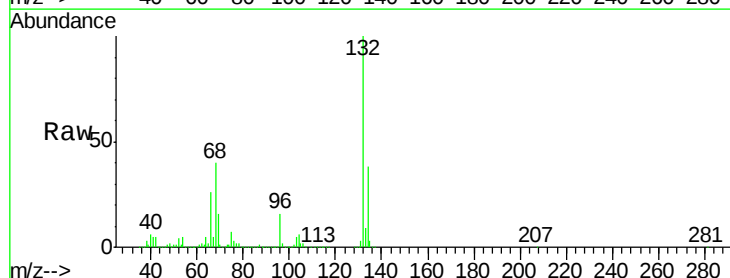
Tgt Ion: 77 Resp: 120145

Ion Ratio Lower Upper

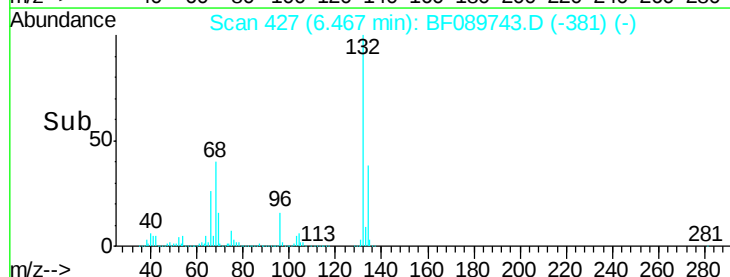
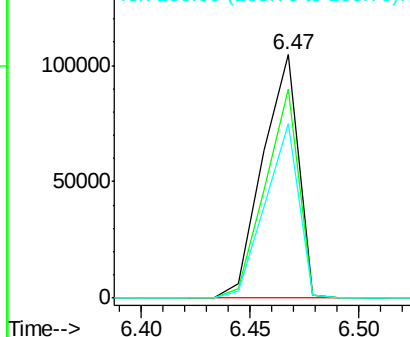
77 100

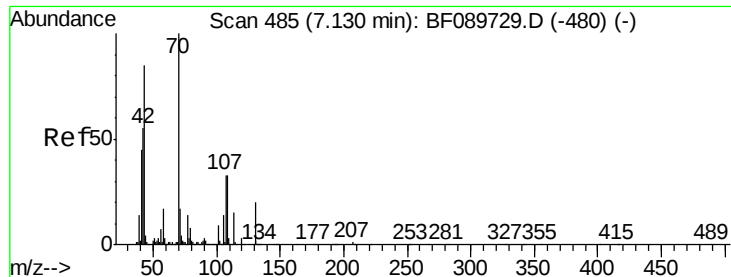
105 86.0 73.3 113.3

106 71.9 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.84 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

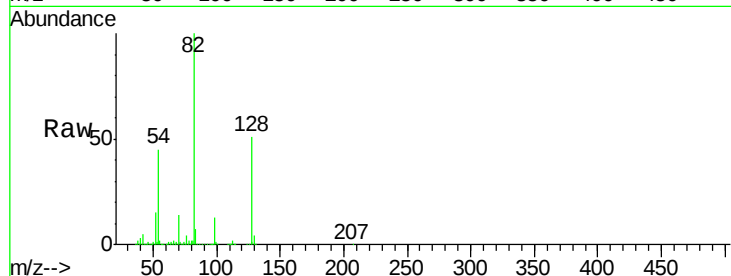
BNA_F

ClientSampleId :

PB92884BL

Tgt Ion: 70 Resp: 556197

Ion	Ratio	Lower	Upper
70	100		
42	39.4	46.3	69.5#
101	0.0	7.0	10.6#
130	2.4	14.4	21.6#

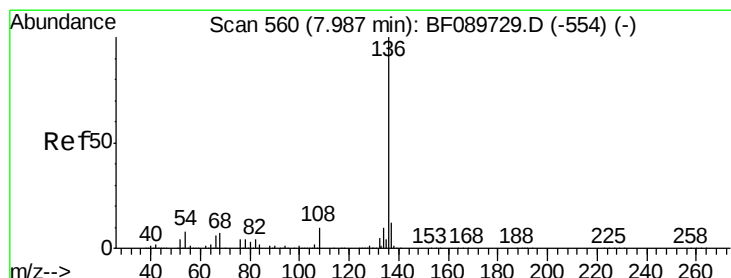
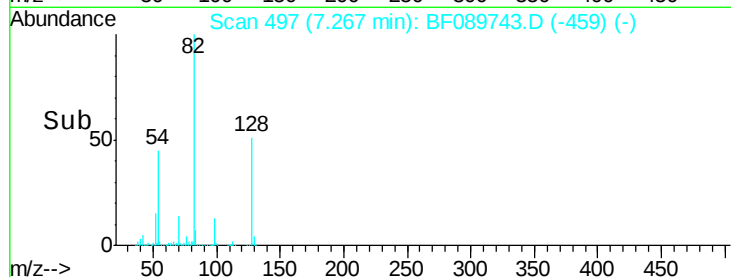
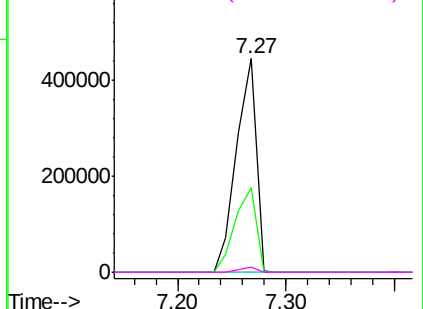


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.99 min Scan# 560

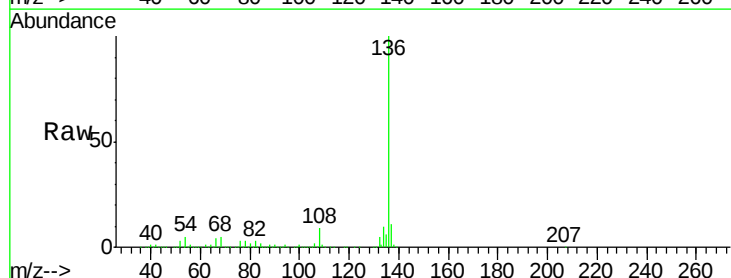
Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Tgt Ion: 136 Resp: 2673015

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.0	7.2	10.8#
68	4.7	5.8	8.8#

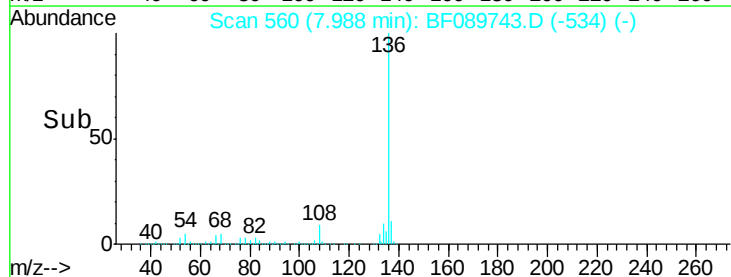
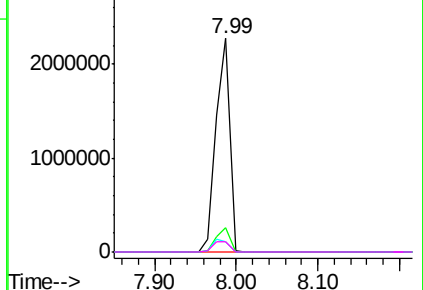


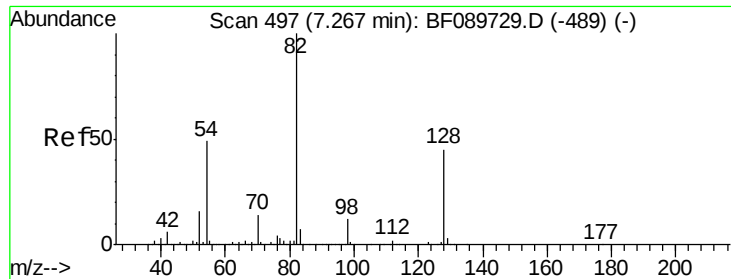
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

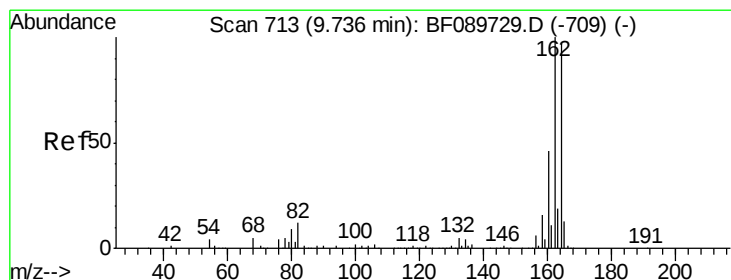
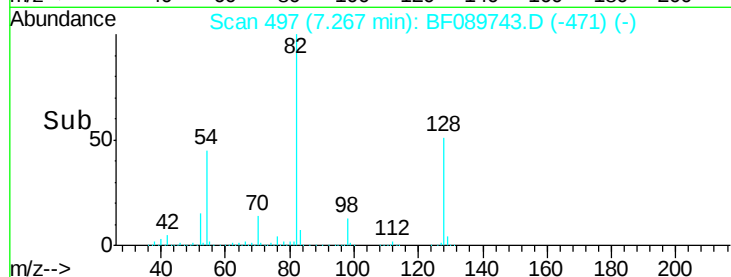
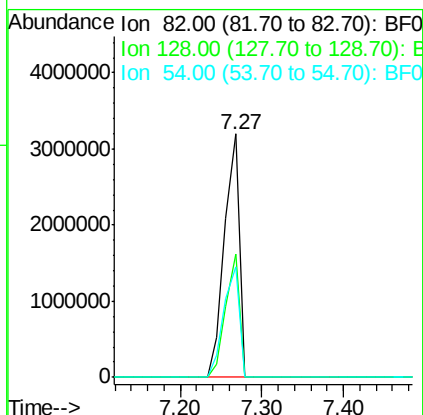
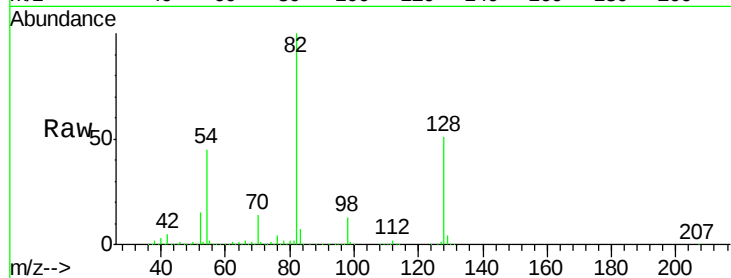




#23
 Nitrobenzene-d5
 Concen: 91.65 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

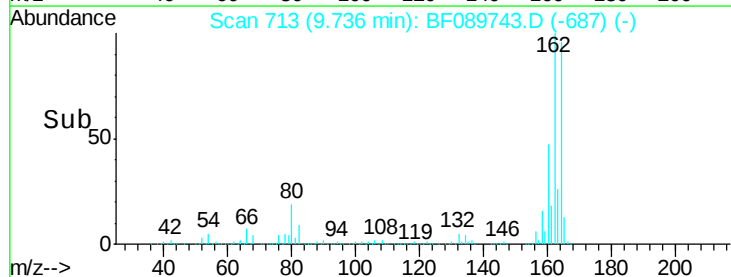
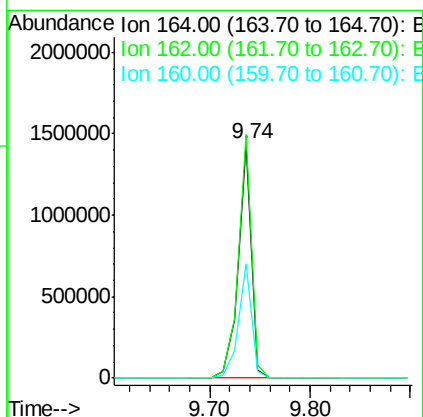
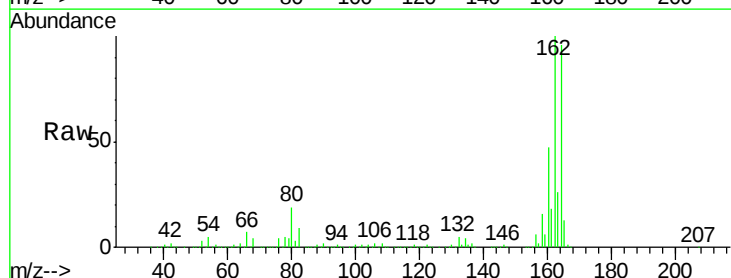
Instrument :
 BNA_F
 ClientSampled :
 PB92884BL

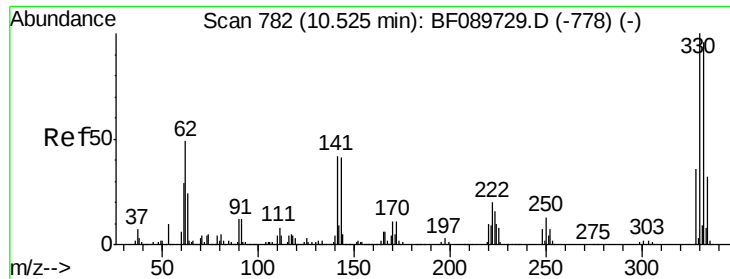
Tgt Ion: 82 Resp: 4011825
 Ion Ratio Lower Upper
 82 100
 128 50.8 34.4 51.6
 54 45.4 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Tgt Ion: 164 Resp: 1296495
 Ion Ratio Lower Upper
 164 100
 162 104.3 81.4 122.2
 160 48.9 37.8 56.6

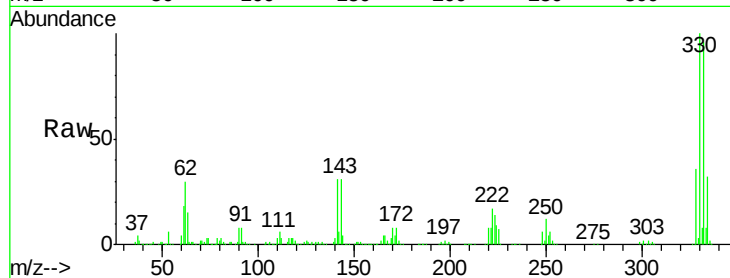




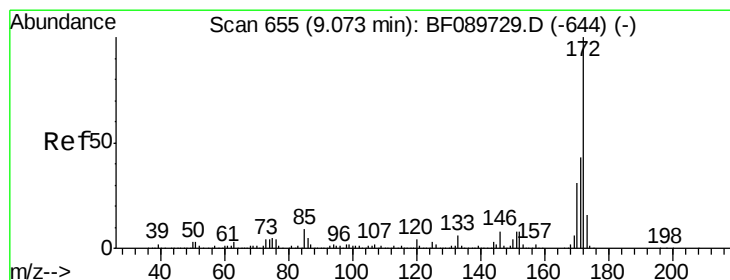
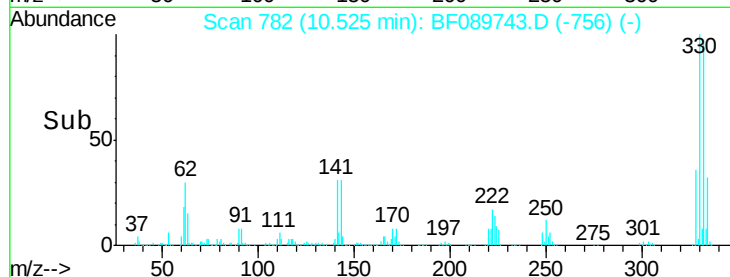
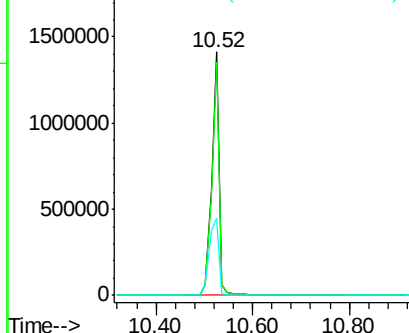
#41
 2,4,6-Tribromophenol
 Concen: 122.51 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

Tgt Ion:330 Resp: 1536609
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 41.3 30.2 45.2

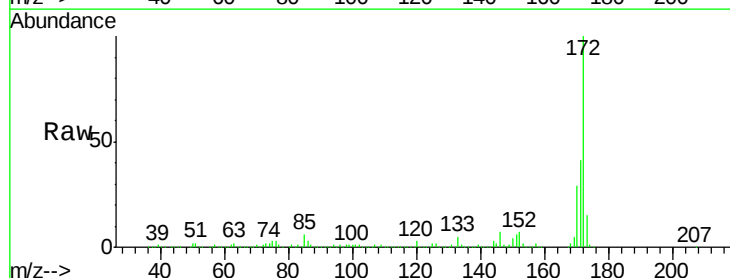


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

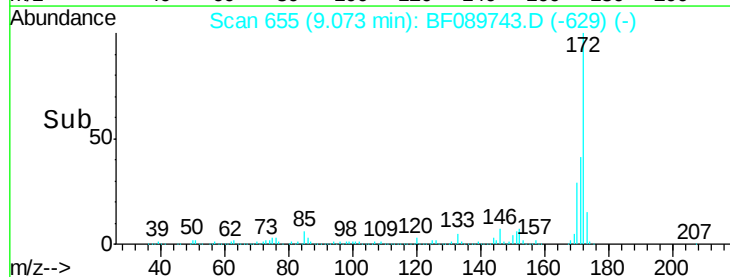
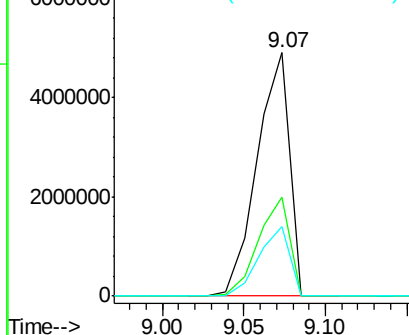


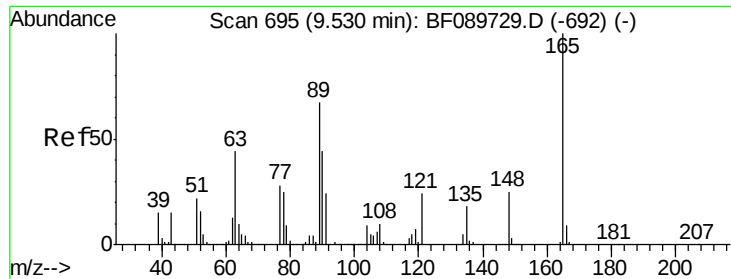
#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Tgt Ion:172 Resp: 6755990
 Ion Ratio Lower Upper
 172 100
 171 40.6 30.5 45.7
 170 28.6 20.6 31.0



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

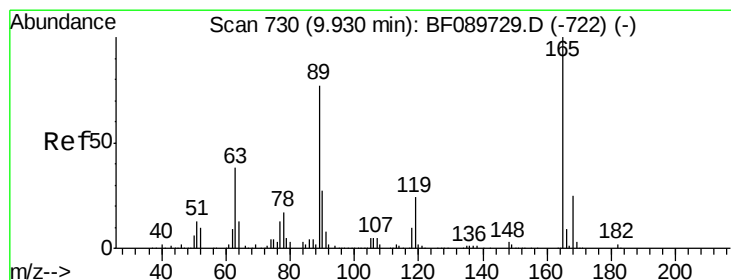
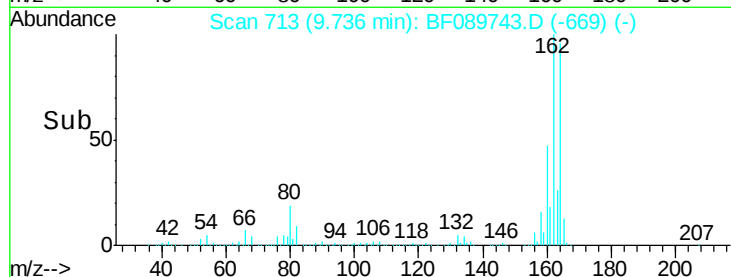
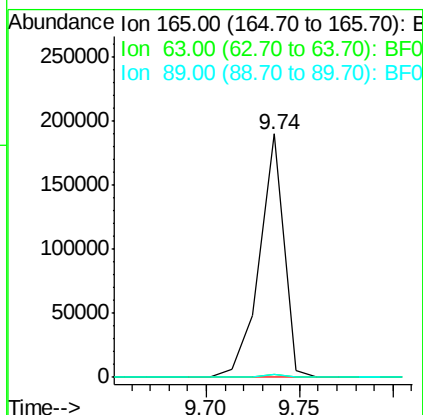
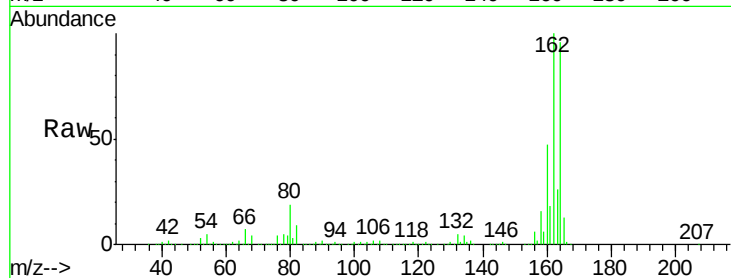




#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

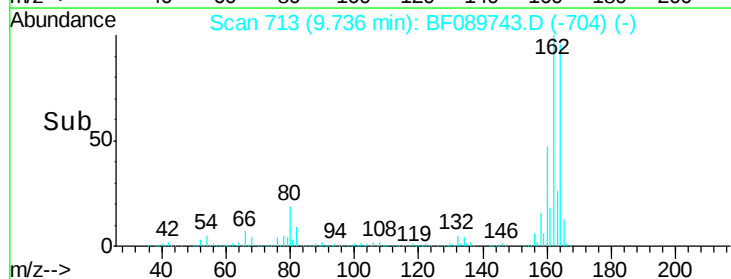
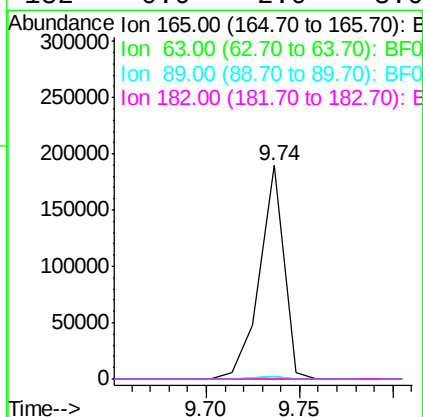
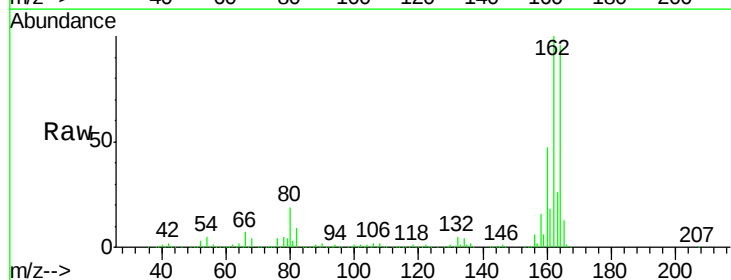
Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

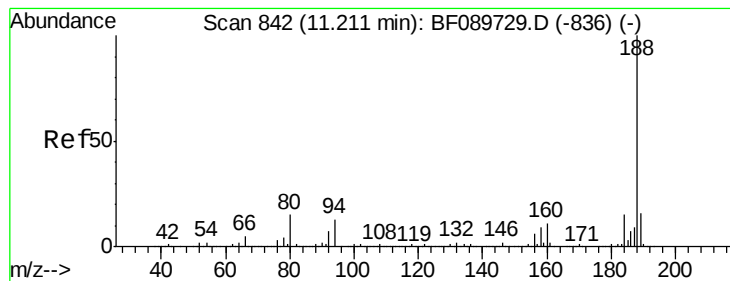
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.2	44.6	67.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.2	44.0	66.0#
182	0.0	2.0	3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampleId :

PB92884BL

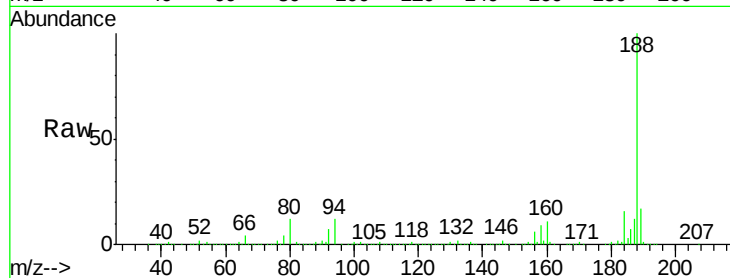
Tgt Ion:188 Resp: 2345224

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.2

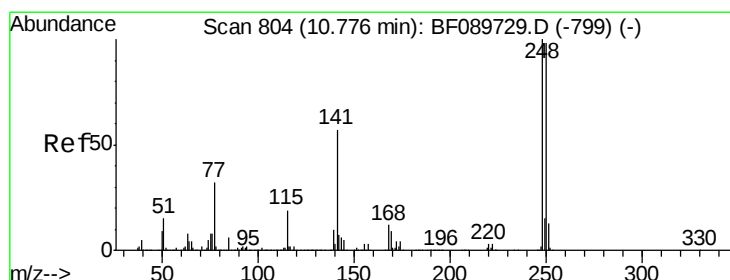
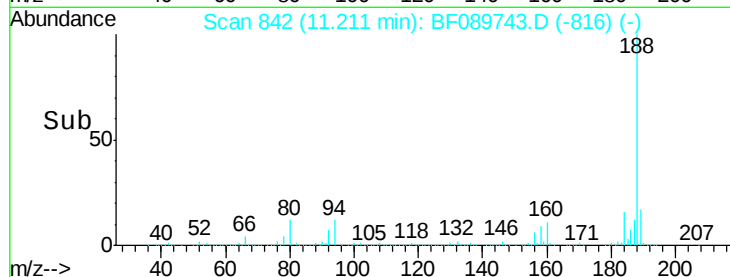
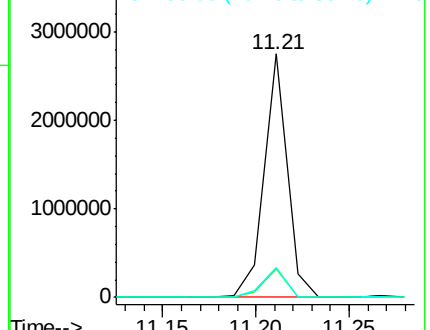
80 12.4 10.9 16.3



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: 4.00 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

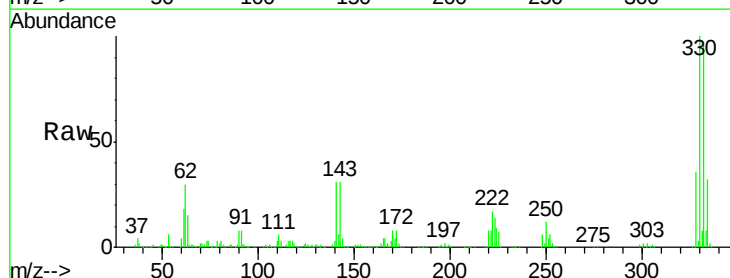
Tgt Ion:248 Resp: 97054

Ion Ratio Lower Upper

248 100

250 199.4 78.6 117.8#

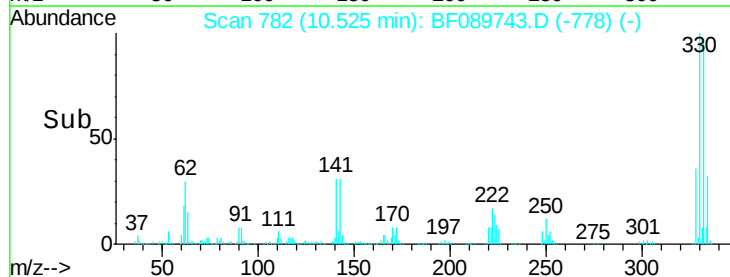
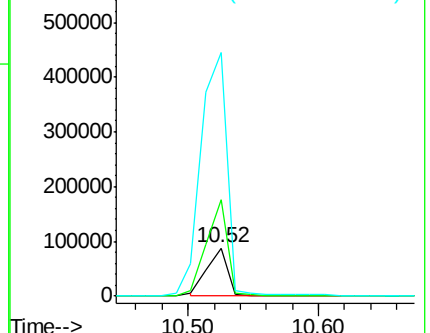
141 506.0 31.4 47.2#

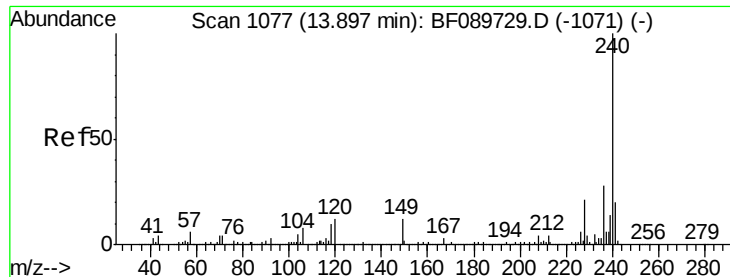


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampled :

PB92884BL

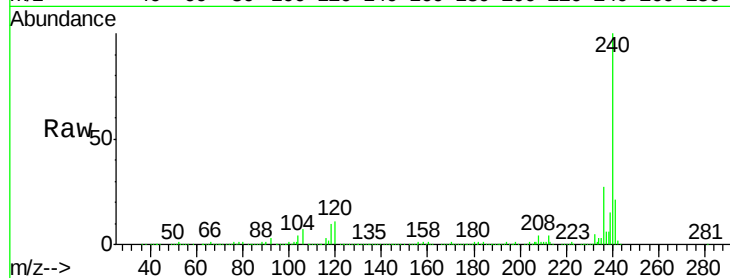
Tgt Ion:240 Resp: 2046579

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

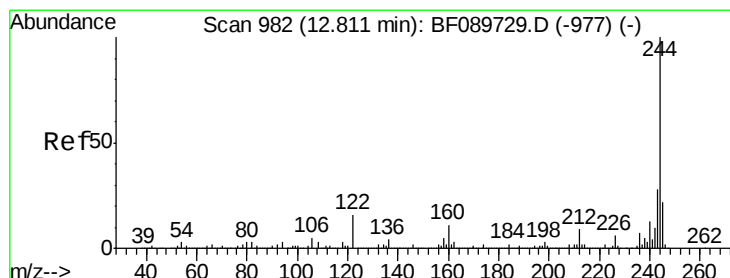
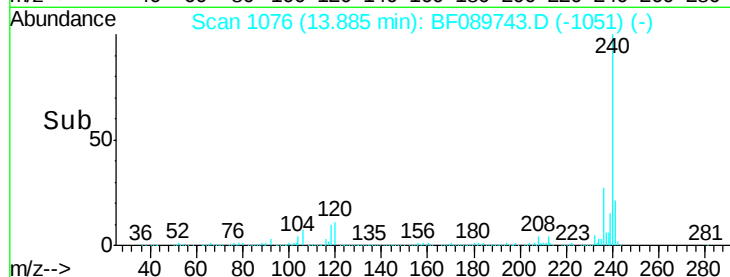
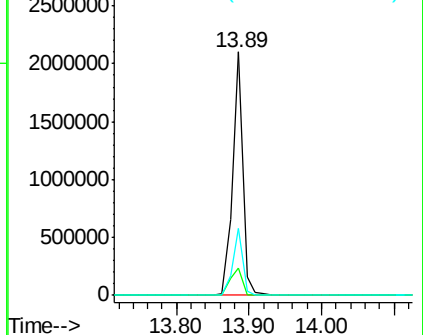
236 27.3 21.3 31.9



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: 74.83 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

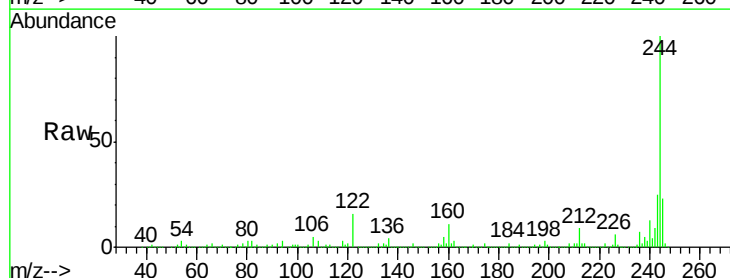
Tgt Ion:244 Resp: 5126416

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

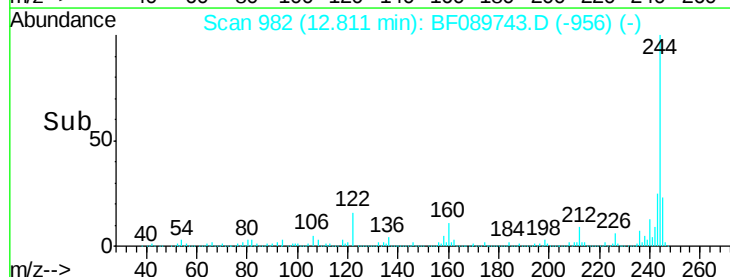
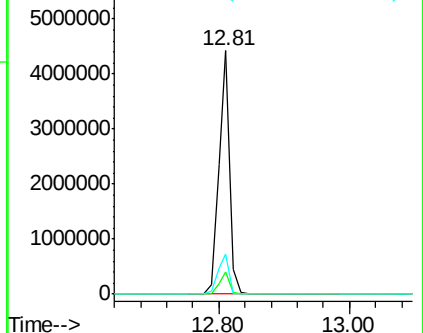
122 16.2 12.0 18.0

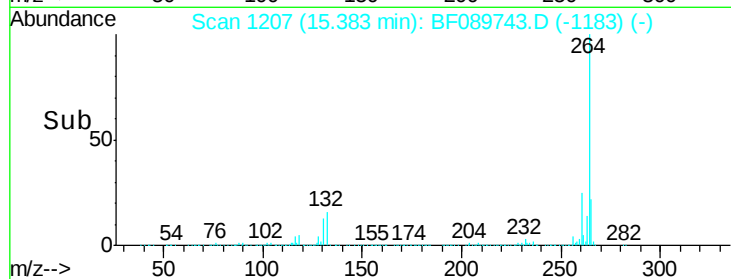
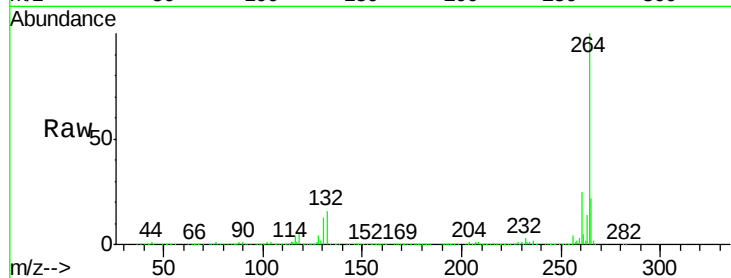
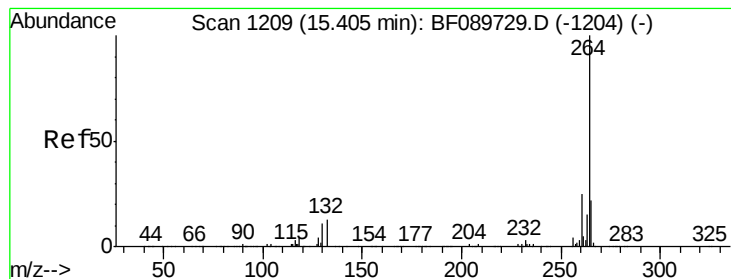


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampleId :

PB92884BL

Tgt Ion:264 Resp: 1714049

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

265 22.2 17.4 26.2

