

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089763.D
 Acq On : 17 Aug 2016 15:23
 Operator : UM/SJ
 Sample : H4476-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46E

Quant Time: Aug 17 15:50:25 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

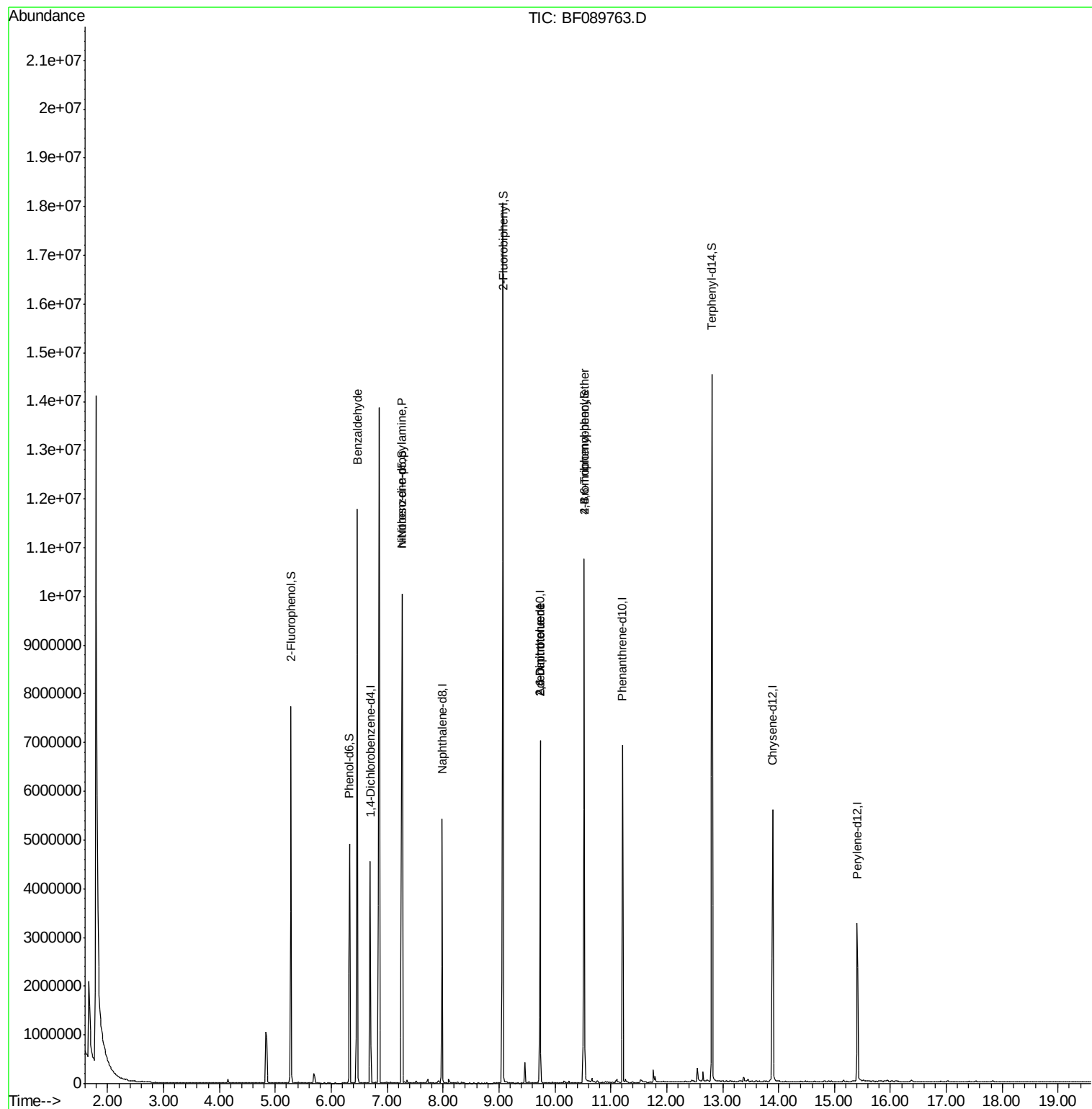
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	659780	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2776798	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1328202	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2287052	20.00	ng	0.00
75) Chrysene-d12	13.90	240	2071589	20.00	ng	0.00
86) Perylene-d12	15.41	264	1642859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2397429	60.63	ng	0.00
7) Phenol-d6	6.33	99	1963358	39.04	ng	0.00
23) Nitrobenzene-d5	7.27	82	3906197	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1489549	115.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6558093	79.23	ng	0.00
78) Terphenyl-d14	12.81	244	5218515	75.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	100513	3.02	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.27	70	549128	16.67	ng	# 73
50) 2,6-Dinitrotoluene	9.74	165	175970	8.09	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	175974	6.29	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	95671	4.04	ng	# 1

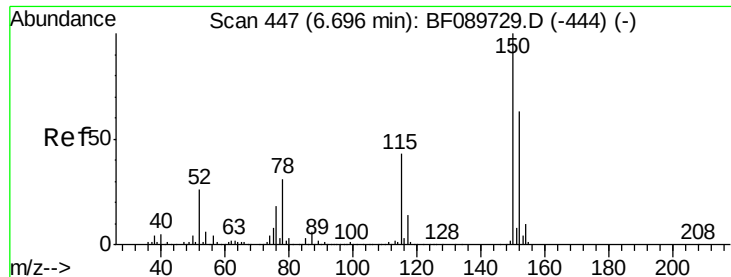
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

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LOCATION-46E

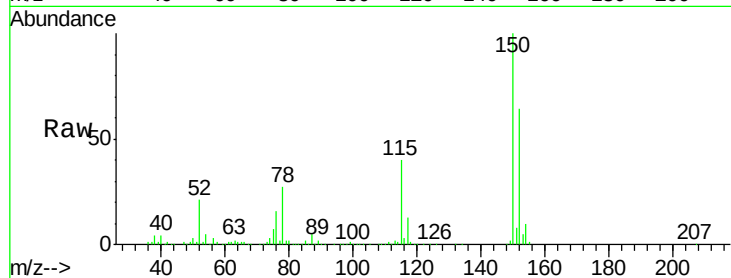
Tgt Ion:152 Resp: 659780

Ion Ratio Lower Upper

152 100

150 155.3 125.3 187.9

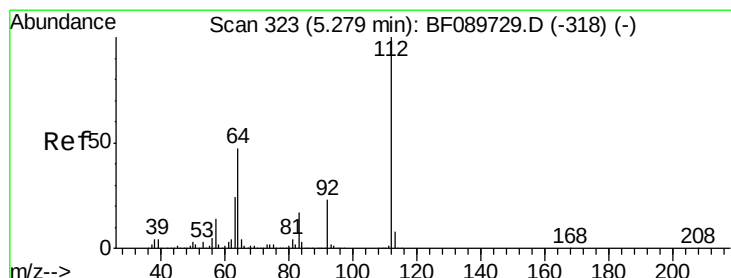
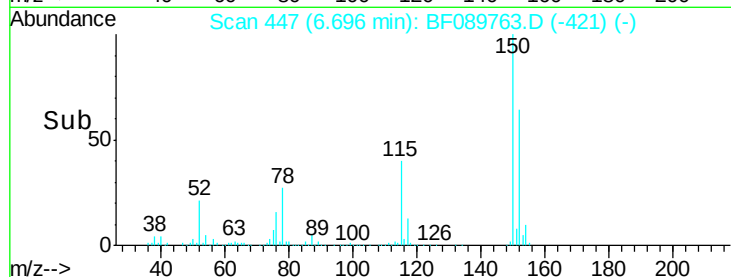
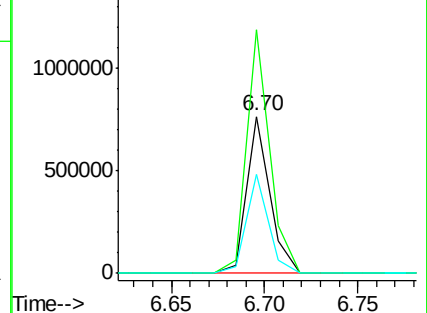
115 62.9 40.9 61.3#



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: 60.63 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

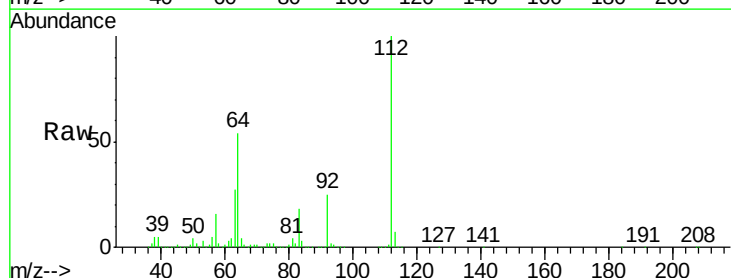
Tgt Ion:112 Resp: 2397429

Ion Ratio Lower Upper

112 100

64 53.6 45.0 67.4

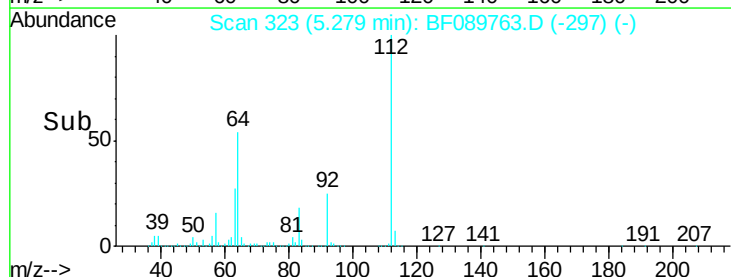
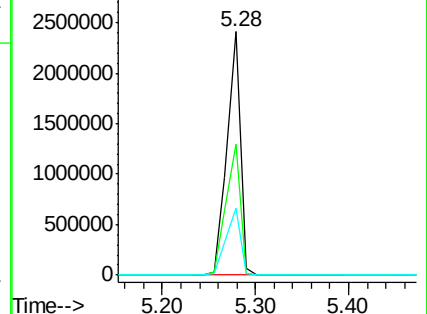
63 27.3 23.1 34.7

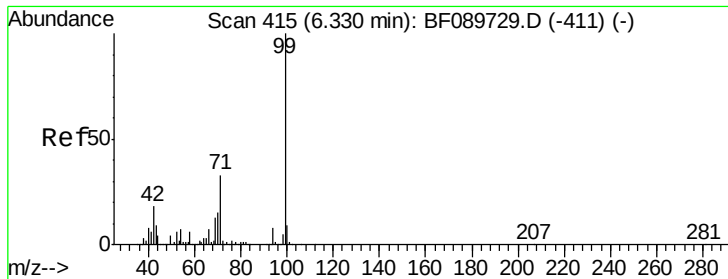


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.04 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

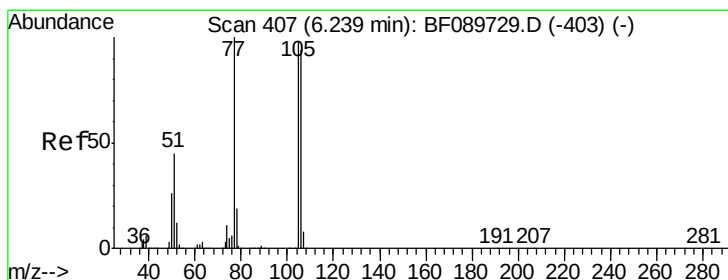
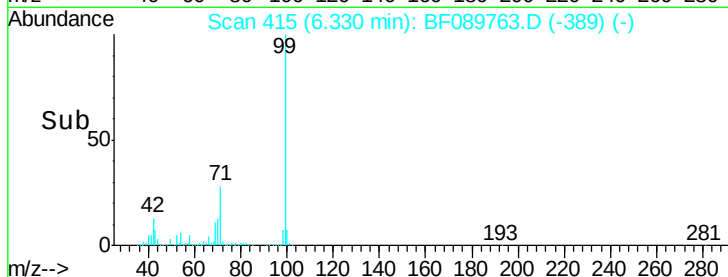
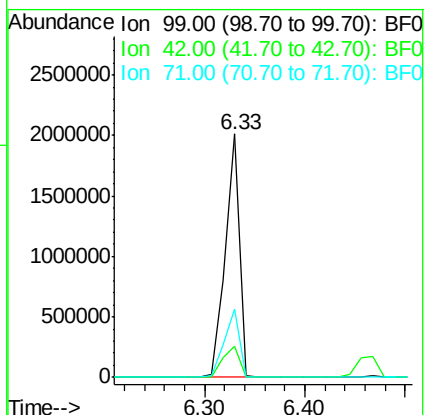
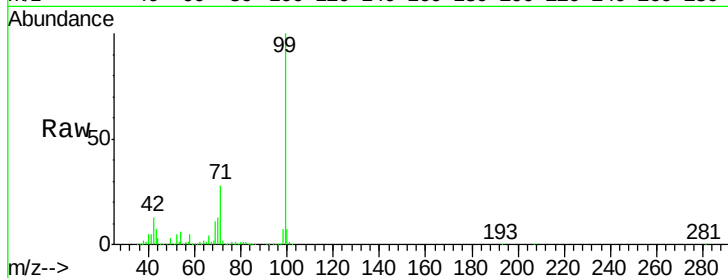
Tgt Ion: 99 Resp: 1963358

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.4

71 28.2 23.8 35.8



#9

Benzaldehyde

Concen: 3.02 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

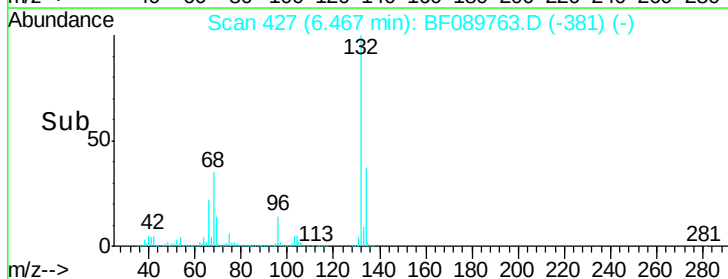
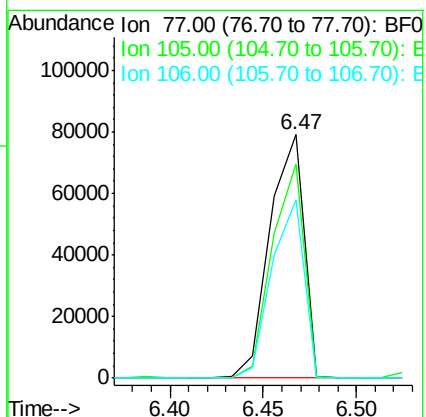
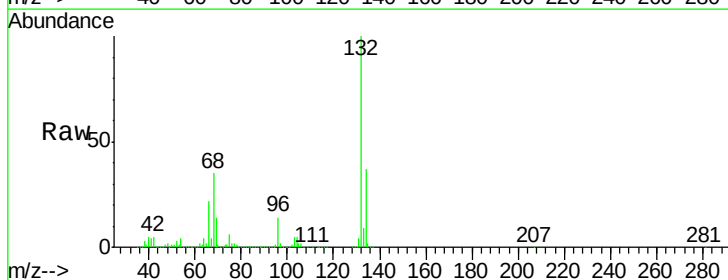
Tgt Ion: 77 Resp: 100513

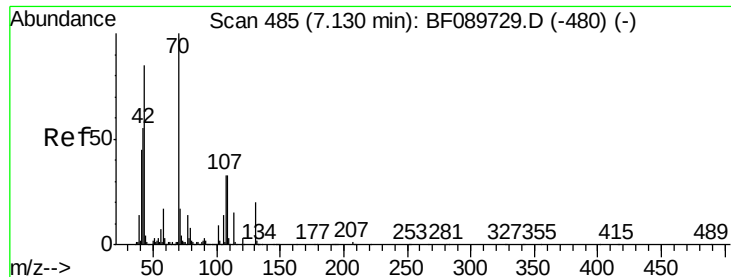
Ion Ratio Lower Upper

77 100

105 88.2 73.3 113.3

106 73.0 68.6 108.6

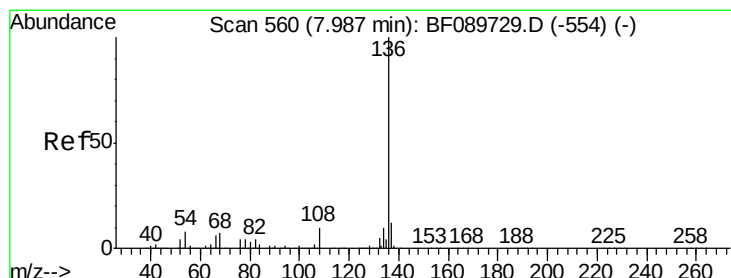
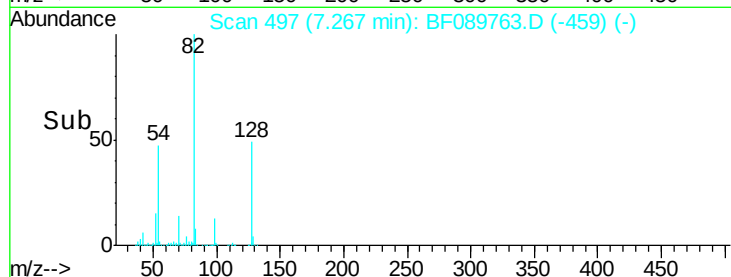
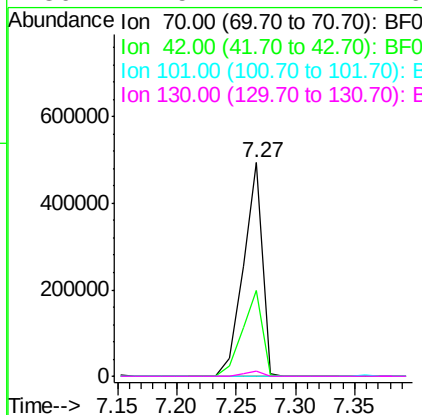
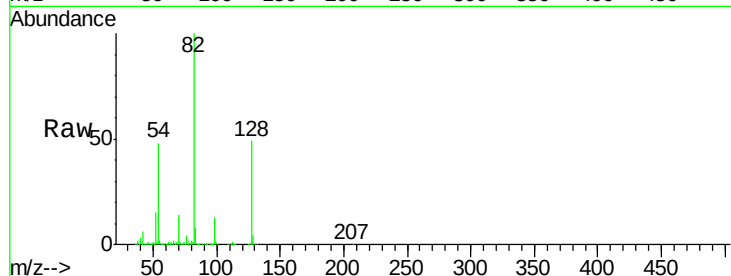




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

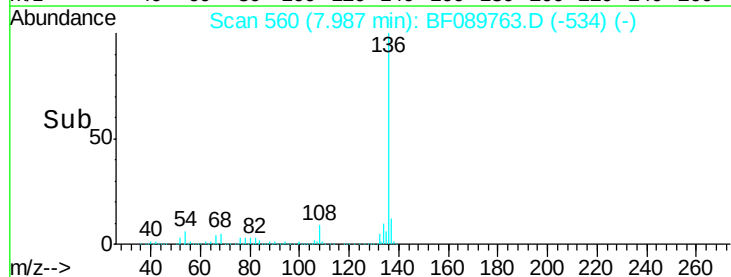
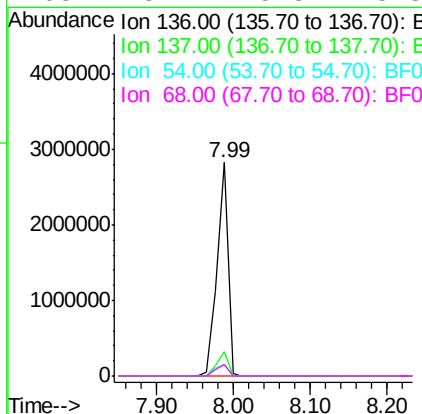
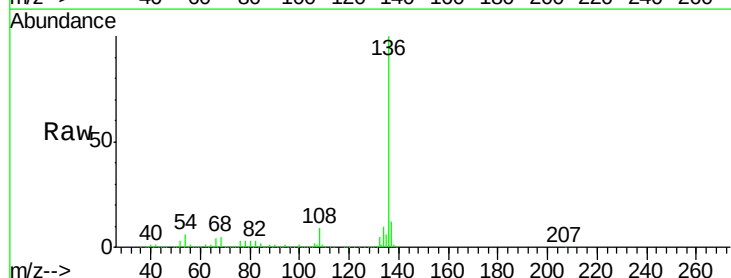
Instrument :
BNA_F
ClientSampleId :
LOCATION-46E

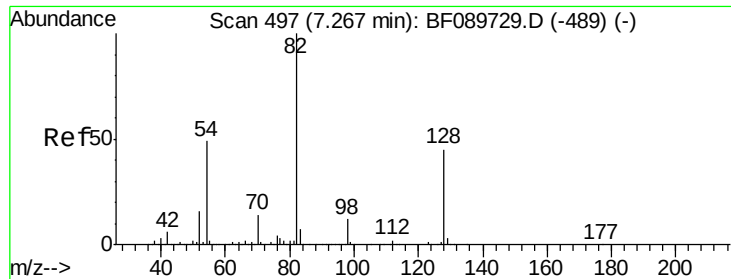
Tgt Ion:	70	Resp:	549128
Ion	Ratio	Lower	Upper
70	100		
42	39.9	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

Tgt Ion:	136	Resp:	2776798
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.7	7.2	10.8#
68	5.2	5.8	8.8#

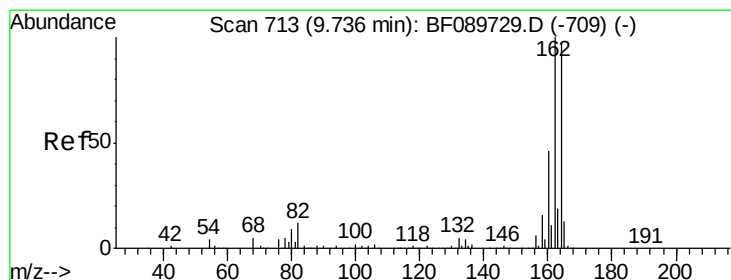
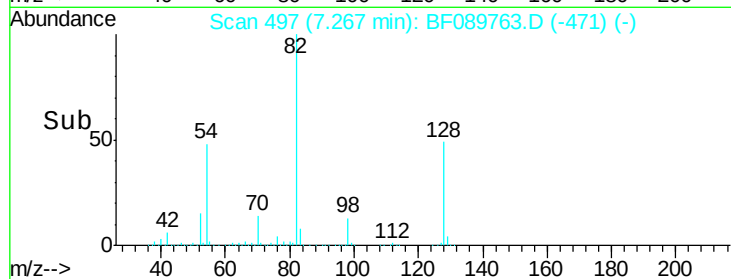
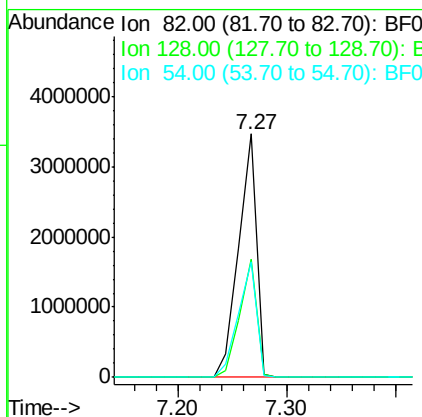
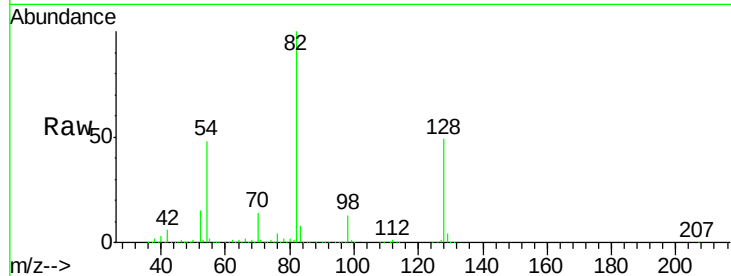




#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

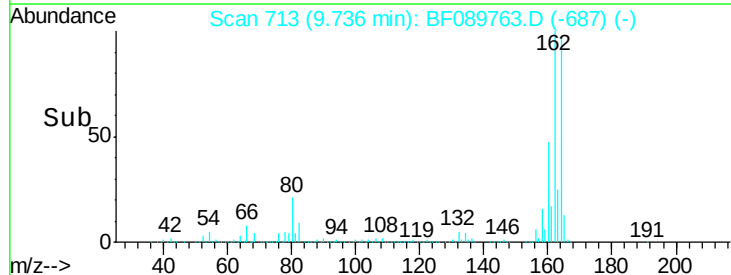
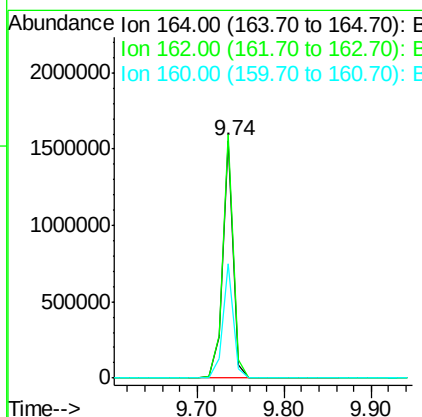
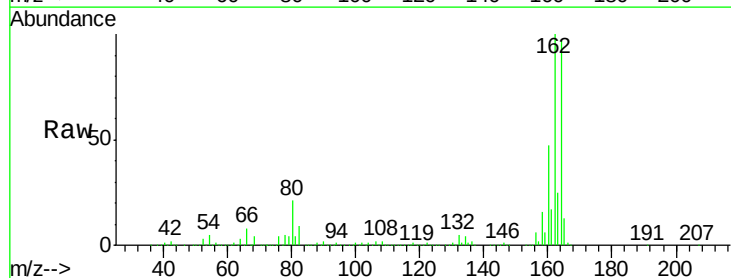
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46E

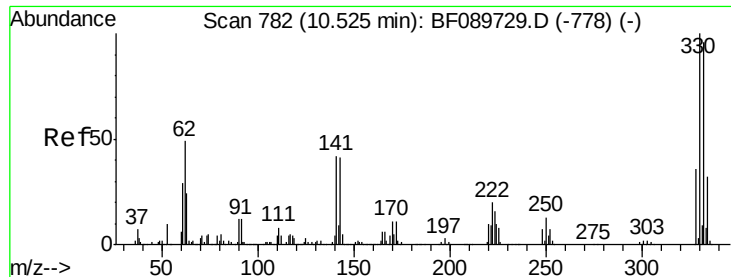
Tgt Ion: 82 Resp: 3906197
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.4 51.6
 54 47.5 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

Tgt Ion: 164 Resp: 1328202
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.2
 160 48.2 37.8 56.6

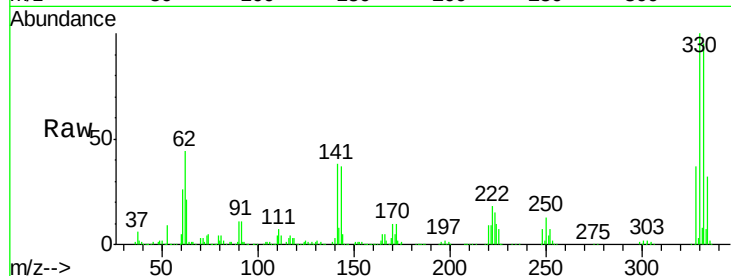




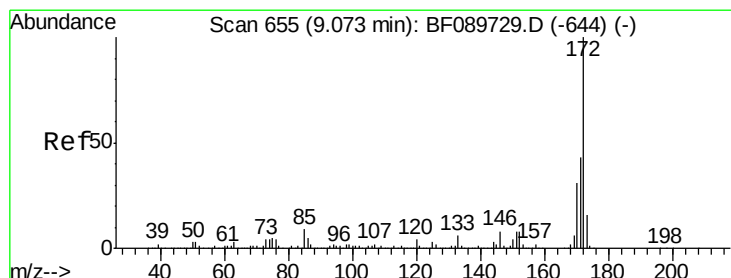
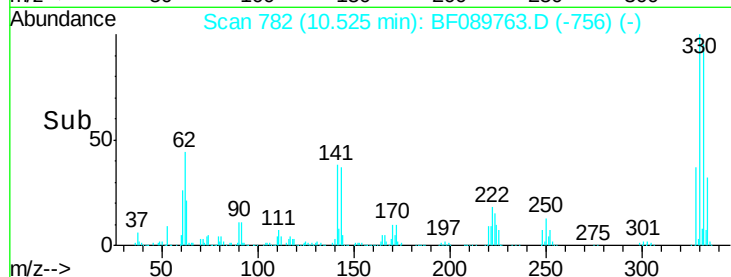
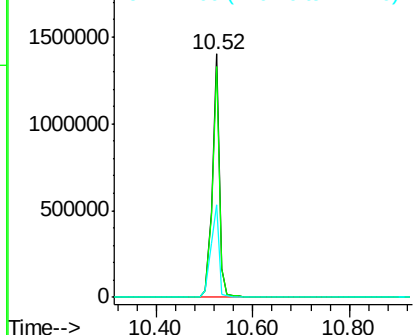
#41
 2,4,6-Tribromophenol
 Concen: 115.92 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46E

Tgt Ion:330 Resp: 1489549
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 42.7 30.2 45.2

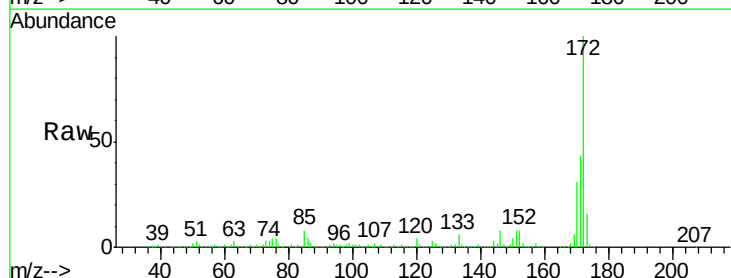


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

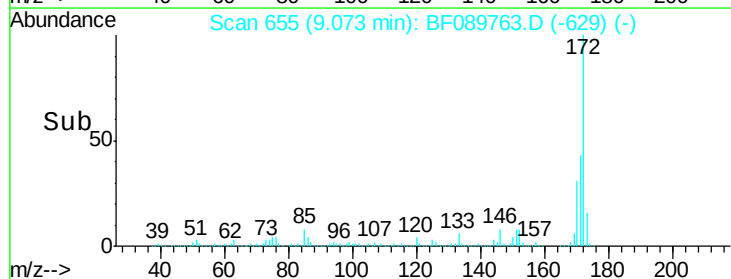
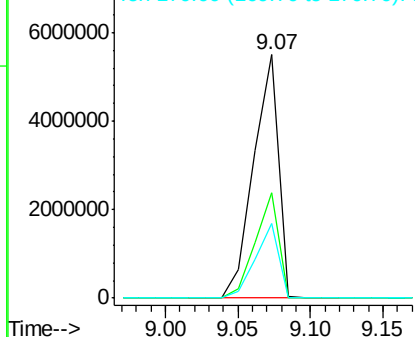


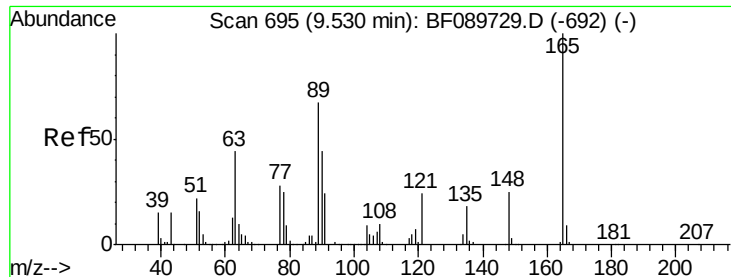
#44
 2-Fluorobiphenyl
 Concen: 79.23 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

Tgt Ion:172 Resp: 6558093
 Ion Ratio Lower Upper
 172 100
 171 43.1 30.5 45.7
 170 30.5 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: 8.09 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.21 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

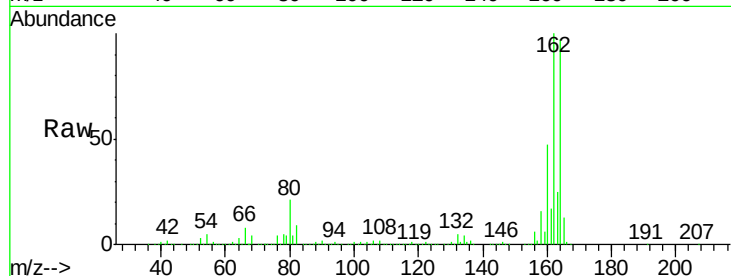
Tgt Ion:165 Resp: 175970

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

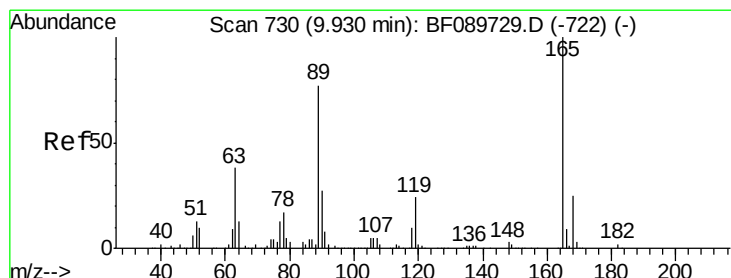
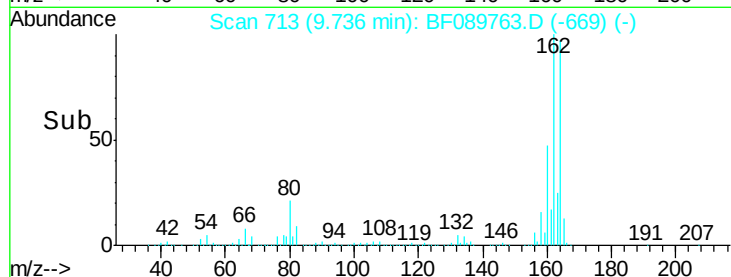
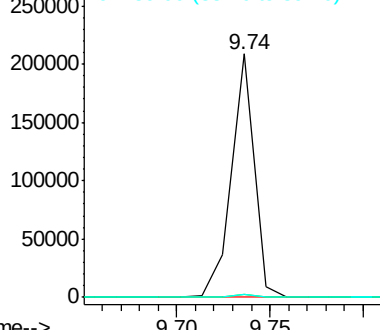
89 1.4 44.6 67.0#



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: 6.29 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.19 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Tgt Ion:165 Resp: 175974

Ion Ratio Lower Upper

165 100

63 1.2 23.7 35.5#

89 1.4 44.0 66.0#

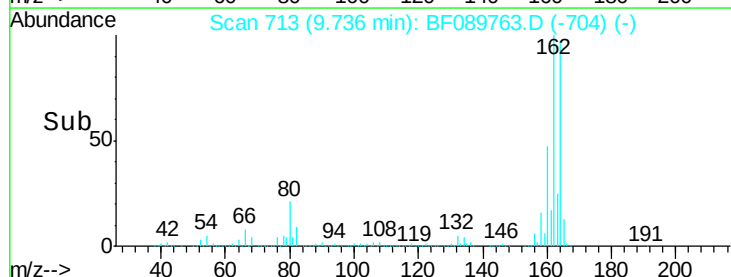
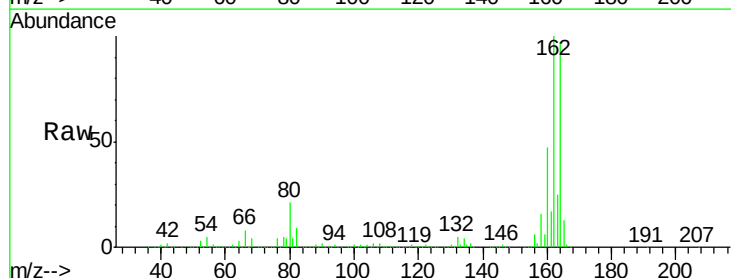
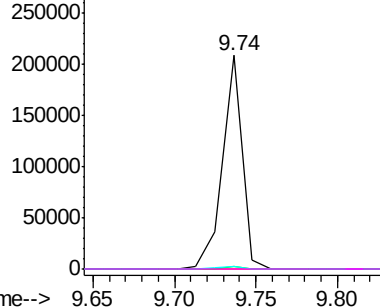
182 0.0 2.0 3.0#

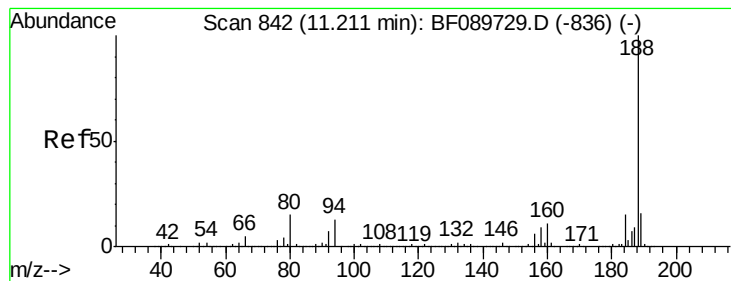
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

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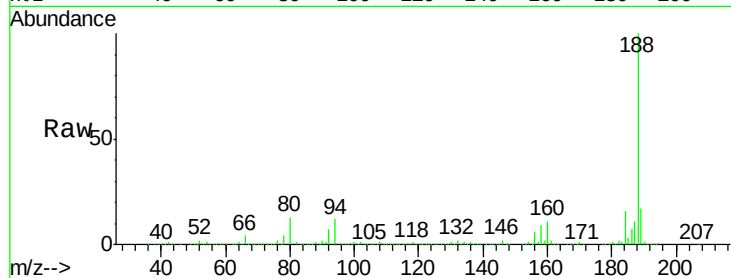
Tgt Ion:188 Resp: 2287052

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

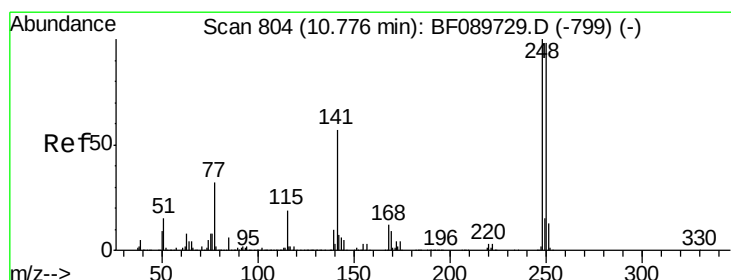
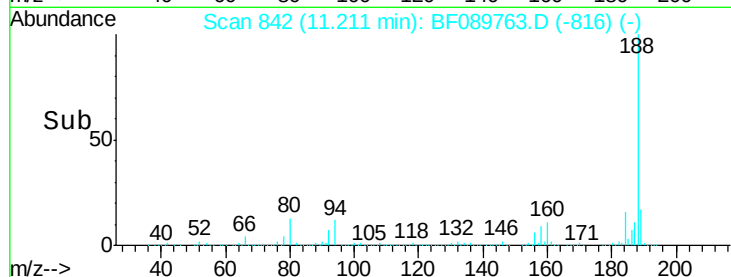
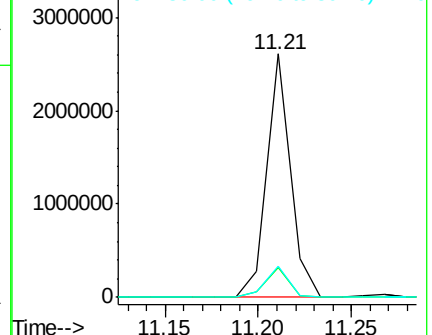
80 13.0 10.9 16.3



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: 4.04 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

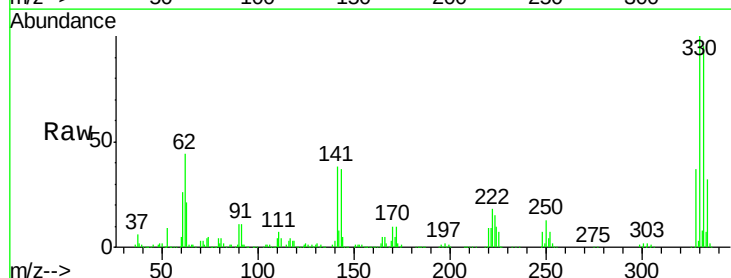
Tgt Ion:248 Resp: 95671

Ion Ratio Lower Upper

248 100

250 192.1 78.6 117.8#

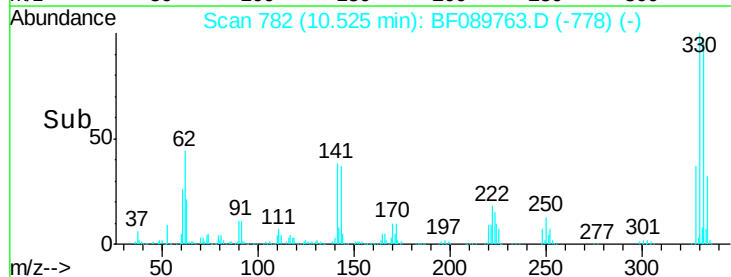
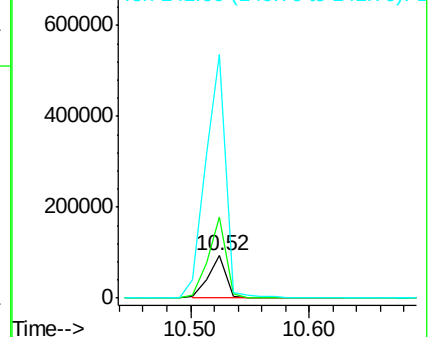
141 578.8 31.4 47.2#

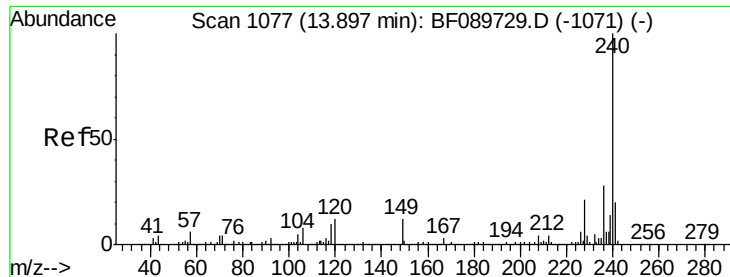


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

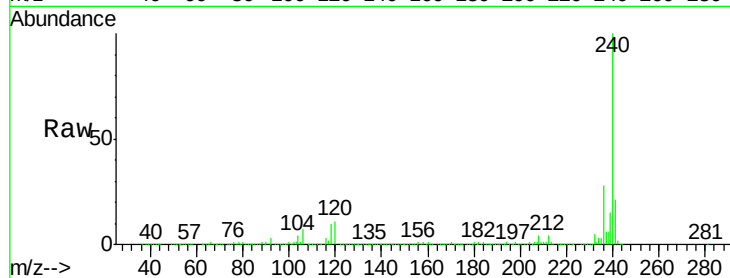
Tgt Ion:240 Resp: 2071589

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

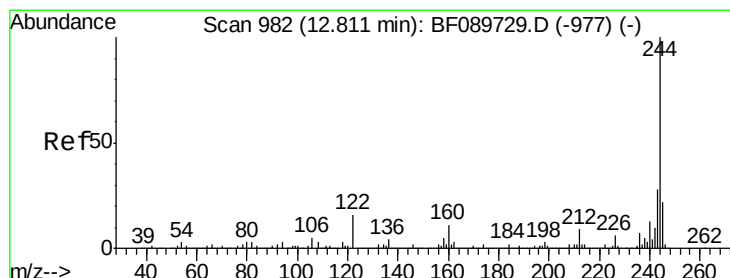
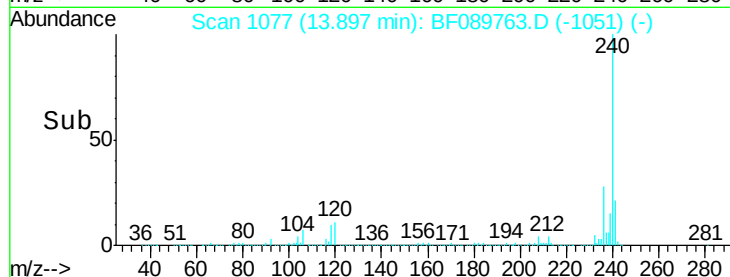
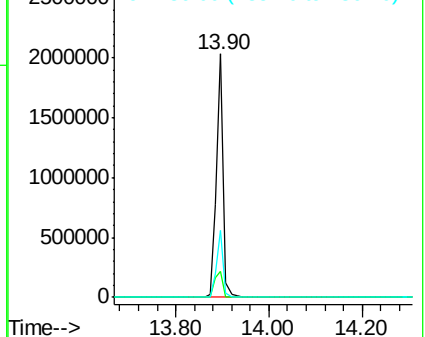
236 27.7 21.3 31.9



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: 75.26 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

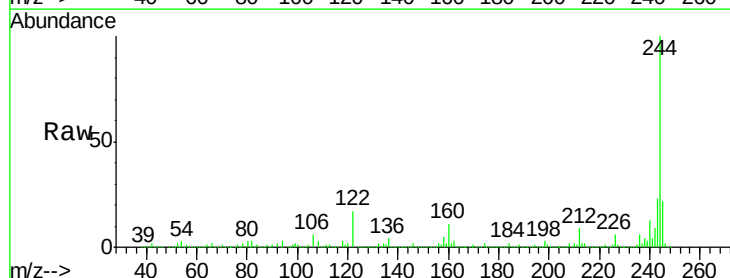
Tgt Ion:244 Resp: 5218515

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

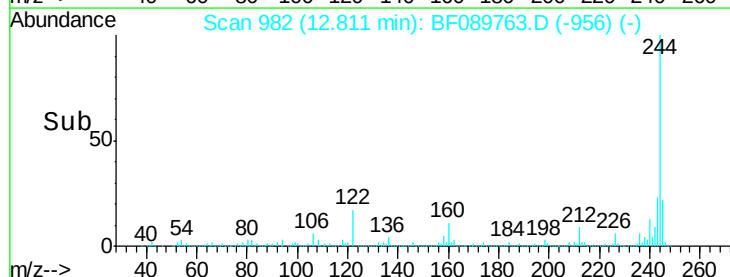
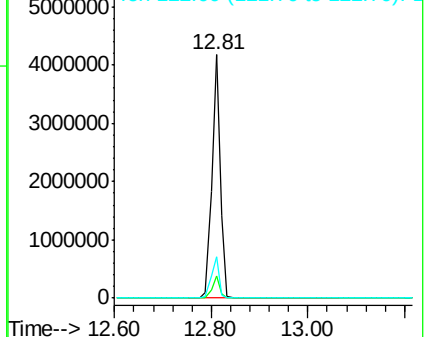
122 16.8 12.0 18.0

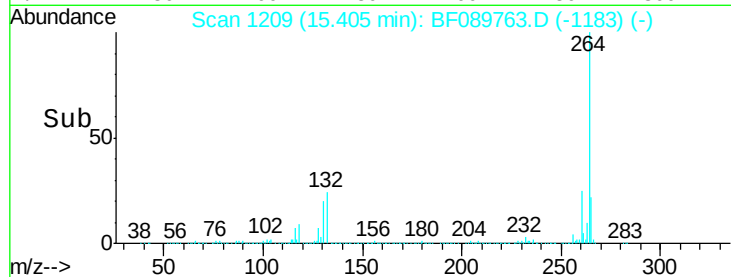
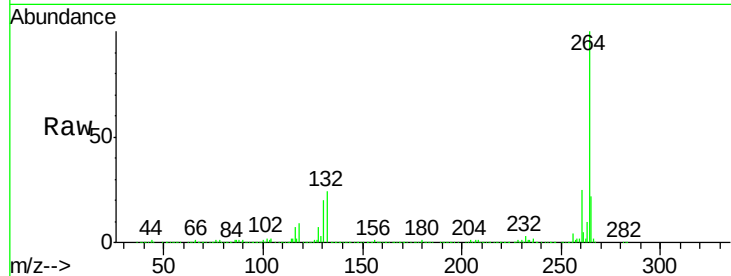
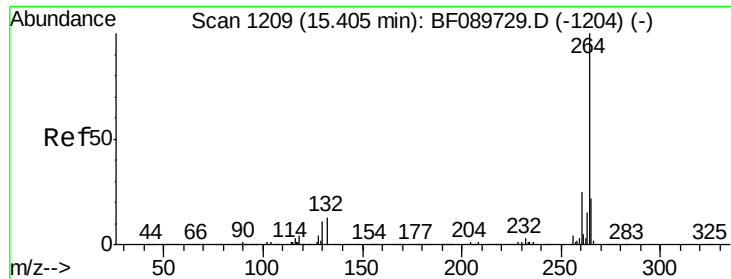


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

Tgt Ion:264 Resp: 1642859

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 22.2 17.4 26.2

