

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089766.D
 Acq On : 17 Aug 2016 16:42
 Operator : UM/SJ
 Sample : H4476-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5D

Quant Time: Aug 17 17:05:56 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

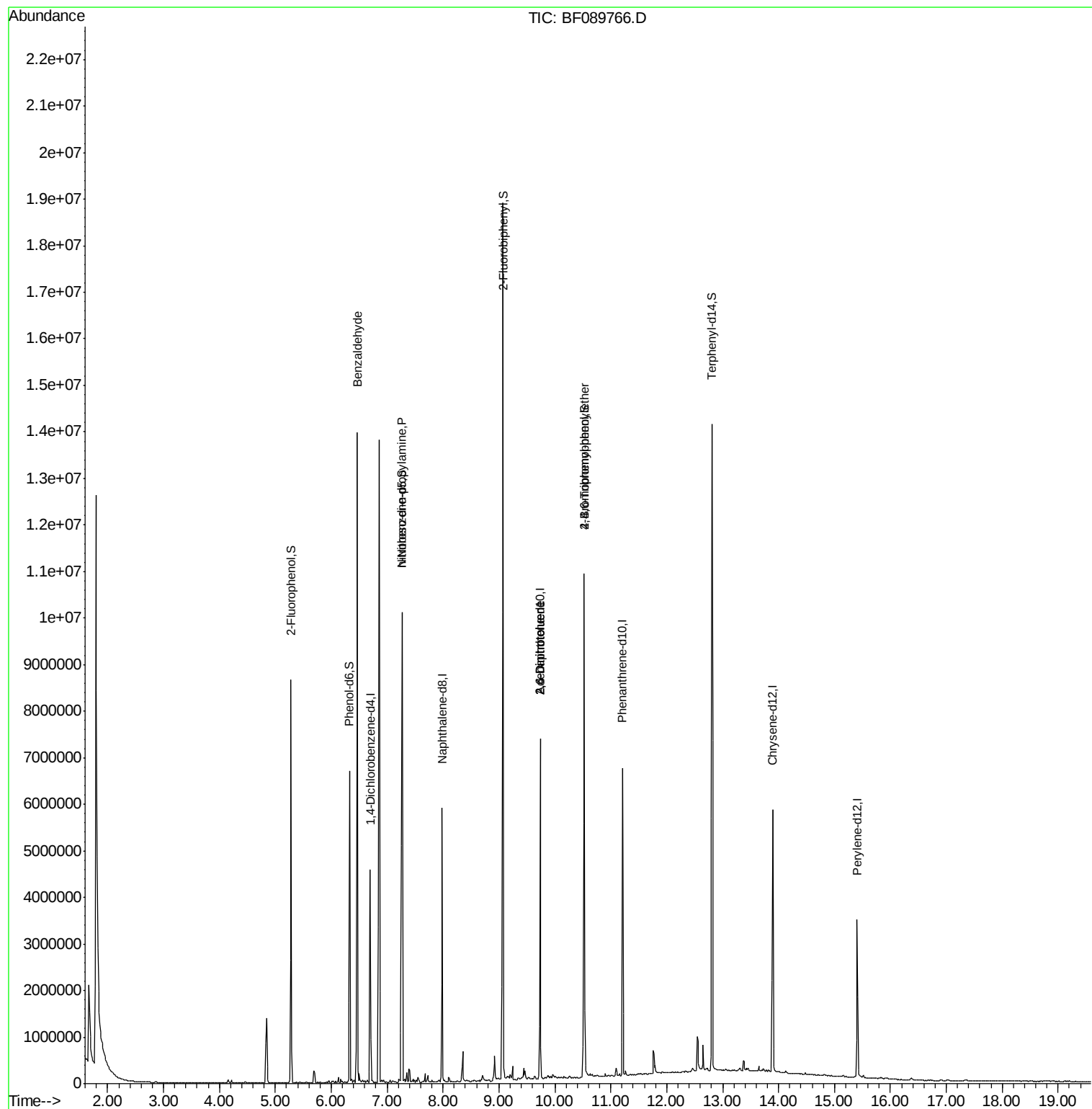
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	650280	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2778661	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1345886	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2304285	20.00	ng	0.00
75) Chrysene-d12	13.90	240	2005070	20.00	ng	0.00
86) Perylene-d12	15.41	264	1559324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2472266	63.43	ng	0.00
7) Phenol-d6	6.33	99	2223775	44.86	ng	0.00
23) Nitrobenzene-d5	7.27	82	3867438	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1612405	123.84	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6464139	77.07	ng	0.00
78) Terphenyl-d14	12.81	244	5819587	86.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	110641	3.37	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.27	70	545249	16.79	ng	# 74
50) 2,6-Dinitrotoluene	9.74	165	179830	8.16	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	180090	6.36	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	98305	4.12	ng	# 1

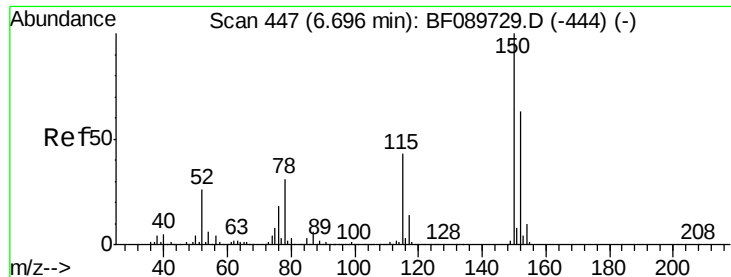
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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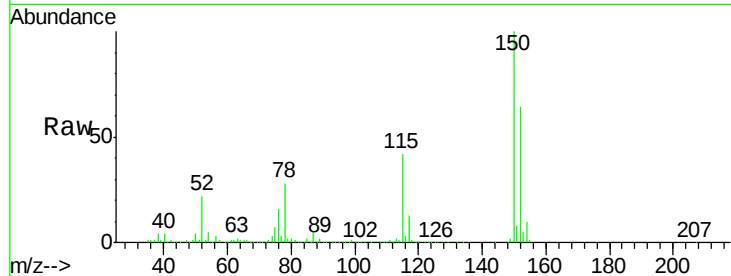


#1

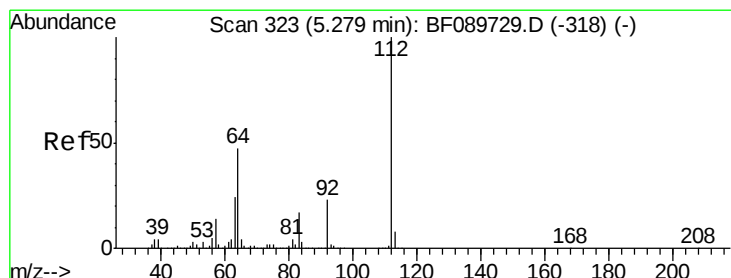
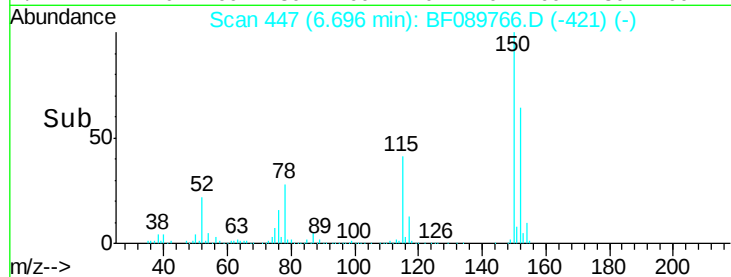
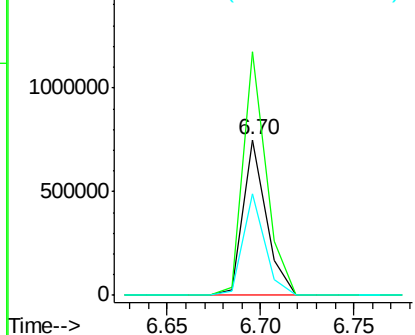
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D

Tgt Ion:152 Resp: 650280
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 64.8 40.9 61.3#



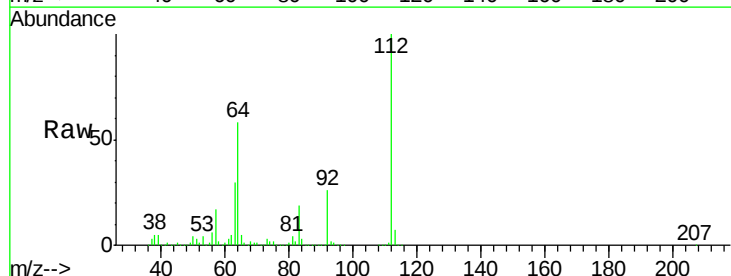
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



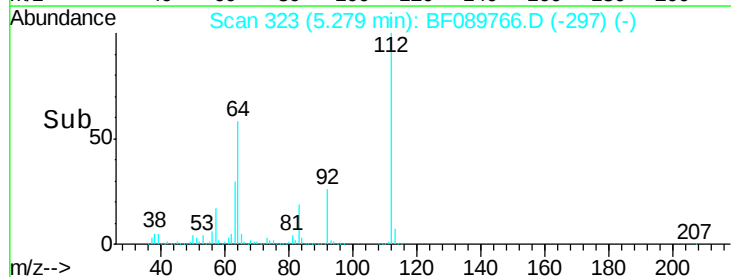
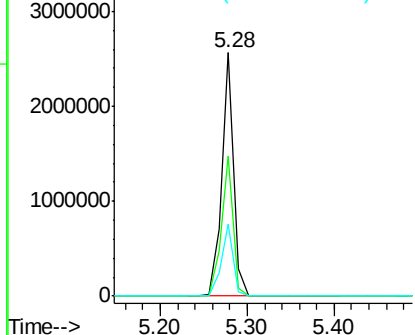
#5

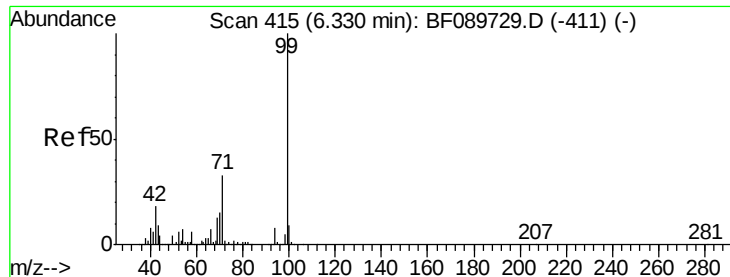
2-Fluorophenol
Concen: 63.43 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

Tgt Ion:112 Resp: 2472266
Ion Ratio Lower Upper
112 100
64 57.6 45.0 67.4
63 29.6 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: 44.86 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

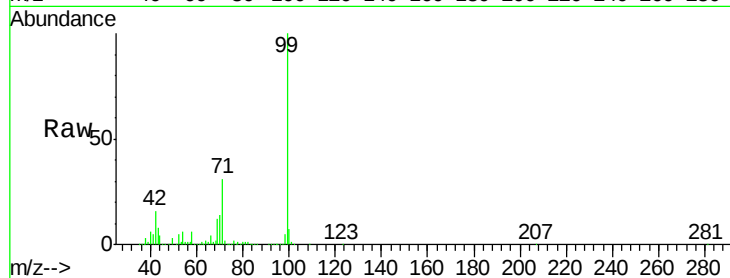
Tgt Ion: 99 Resp: 2223775

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.4

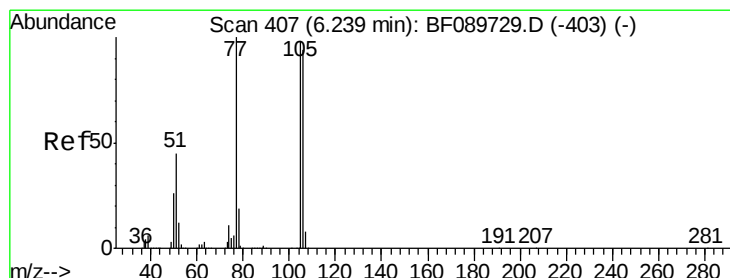
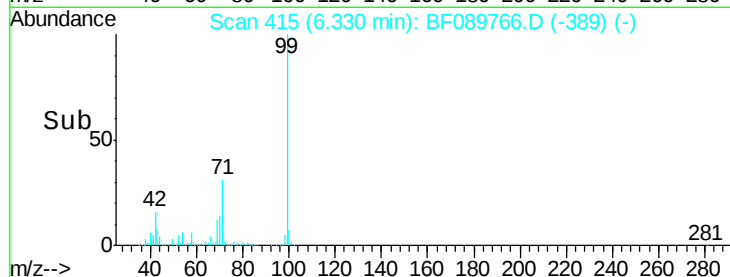
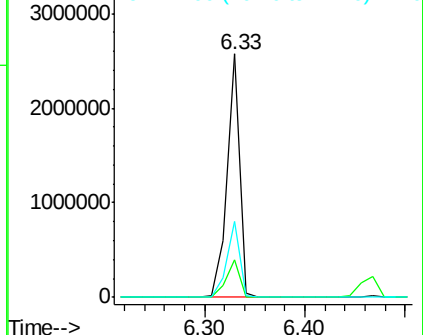
71 31.3 23.8 35.8



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: 3.37 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

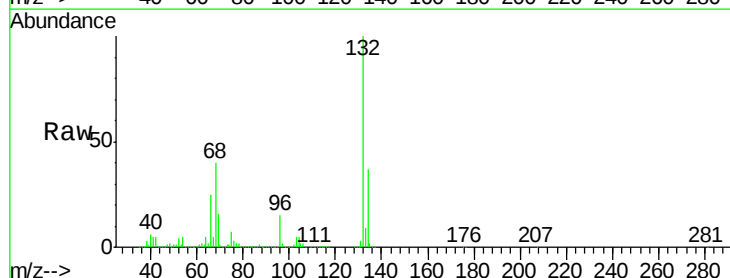
Tgt Ion: 77 Resp: 110641

Ion Ratio Lower Upper

77 100

105 82.2 73.3 113.3

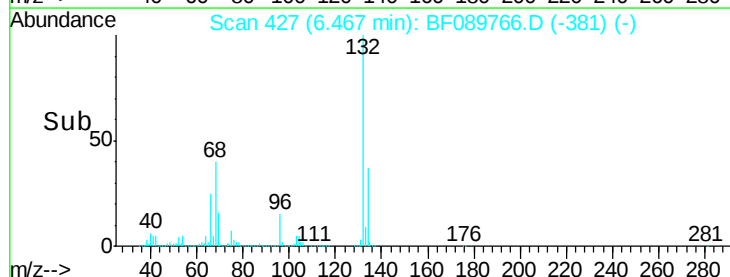
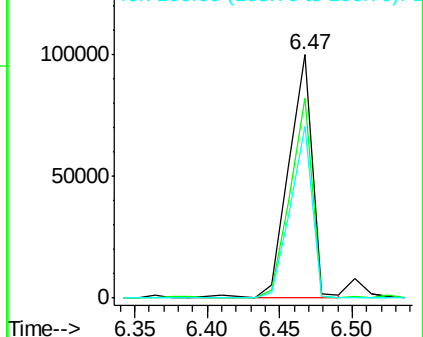
106 70.8 68.6 108.6

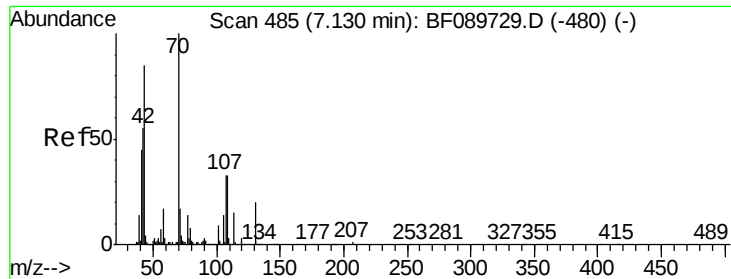


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

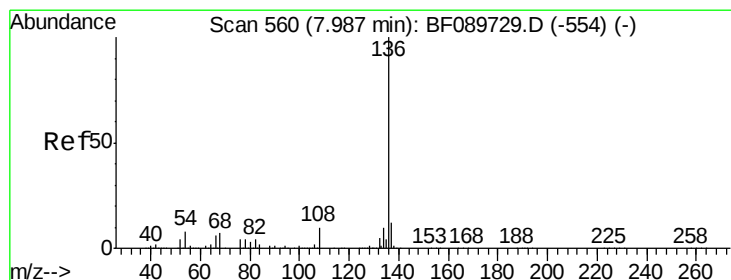
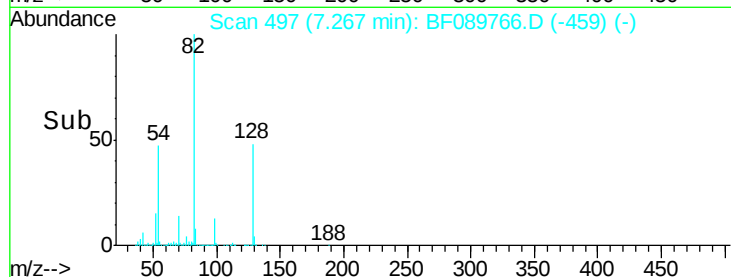
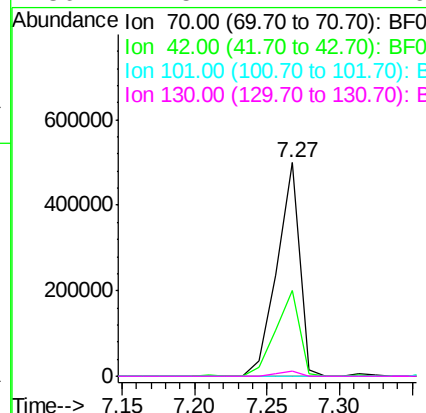
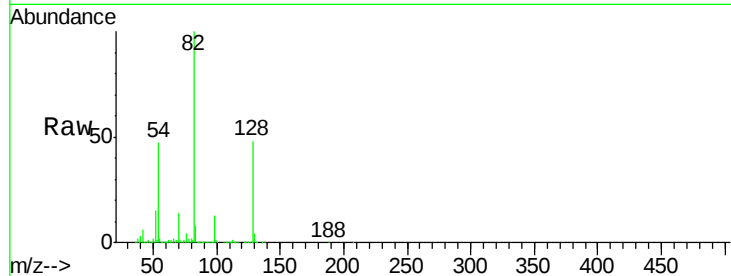




#19
n-Nitroso-di-n-propylamine
Concen: 16.79 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

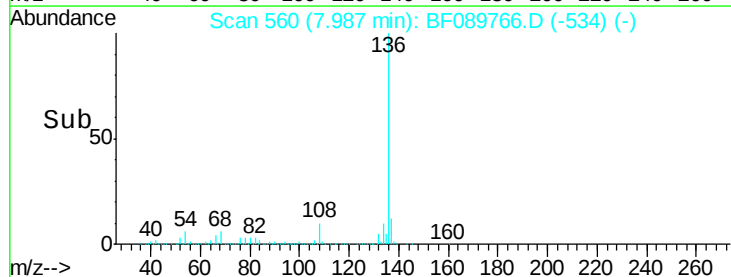
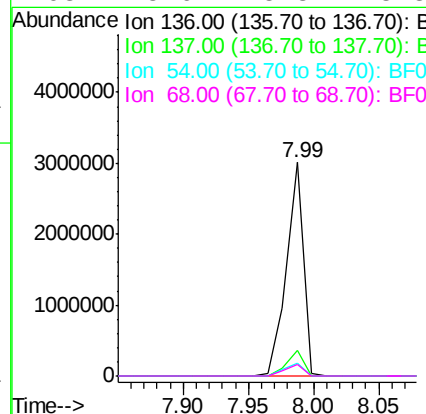
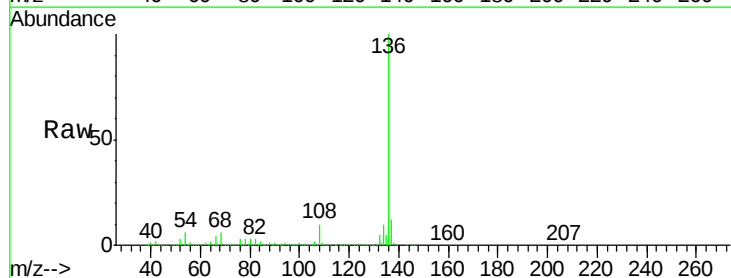
Instrument :
BNA_F
ClientSampleId :
LOCATION-5D

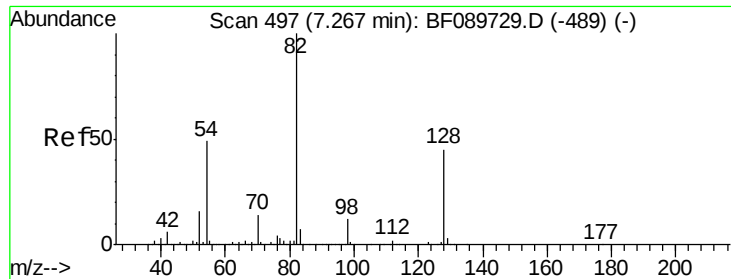
Tgt Ion:	70	Resp:	545249
Ion	Ratio	Lower	Upper
70	100		
42	40.3	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089766.D
Acq: 17 Aug 2016 16:42

Tgt Ion:	136	Resp:	2778661
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.0	7.2	10.8#
68	5.6	5.8	8.8#

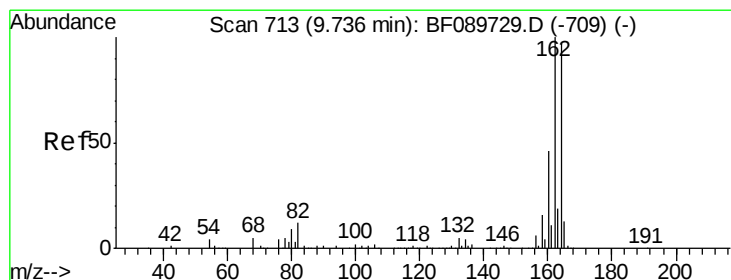
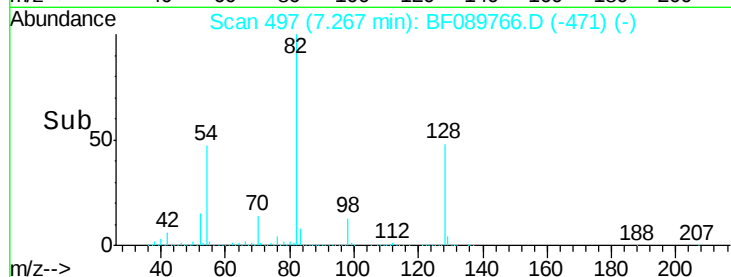
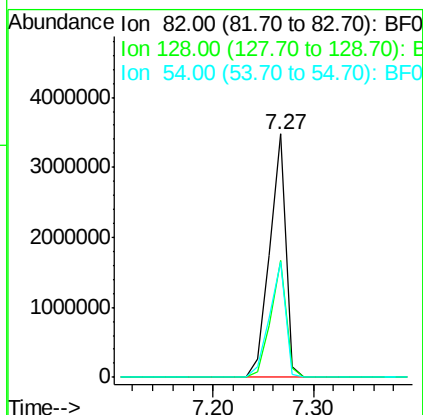
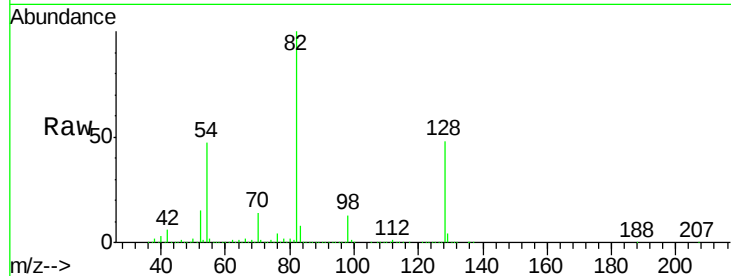




#23
 Nitrobenzene-d5
 Concen: 84.99 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

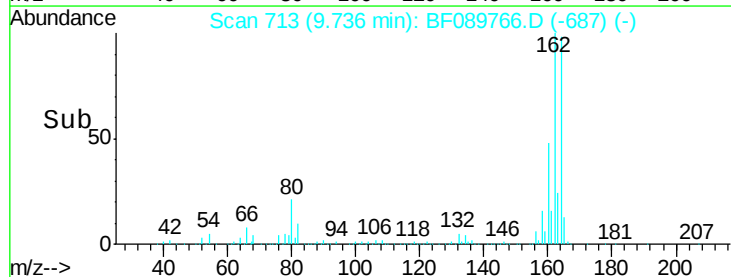
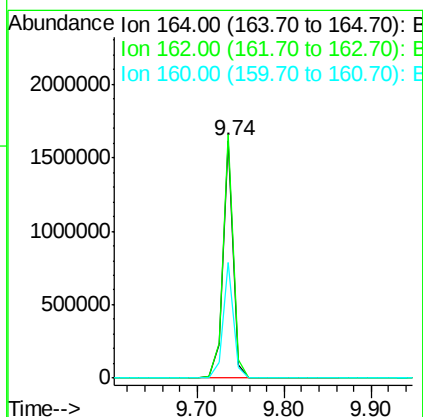
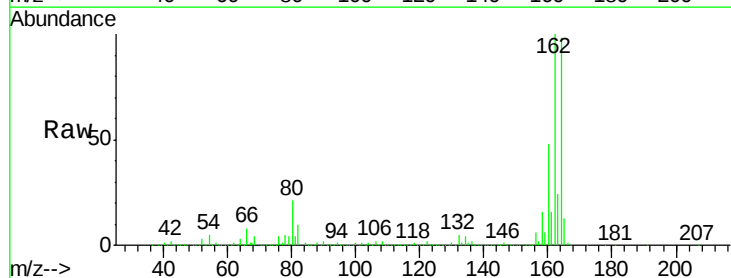
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5D

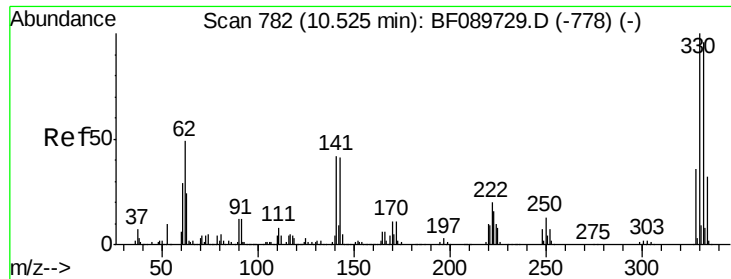
Tgt Ion: 82 Resp: 3867438
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.4 51.6
 54 47.4 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

Tgt Ion: 164 Resp: 1345886
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 48.7 37.8 56.6

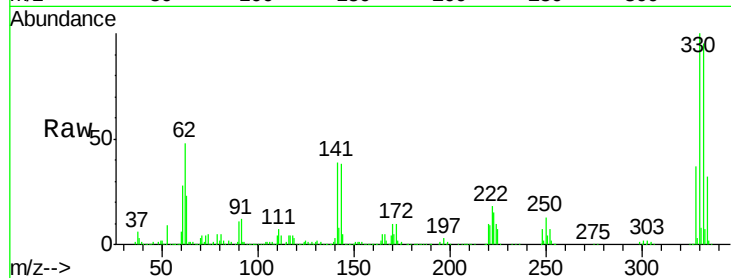




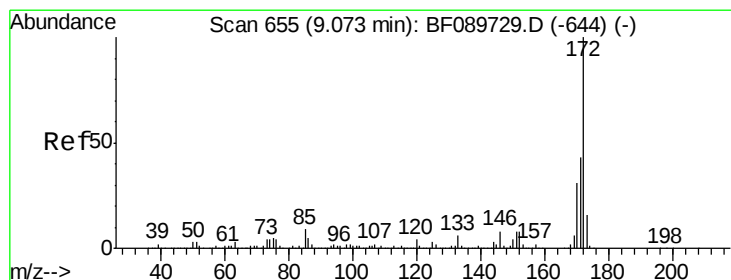
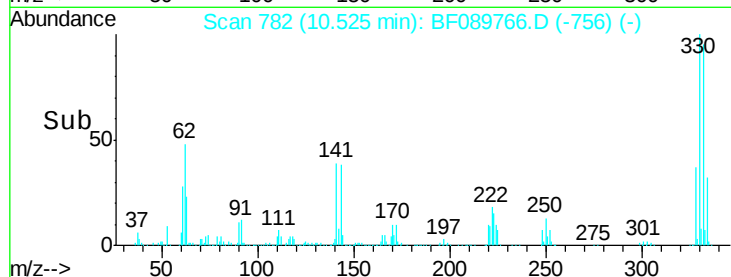
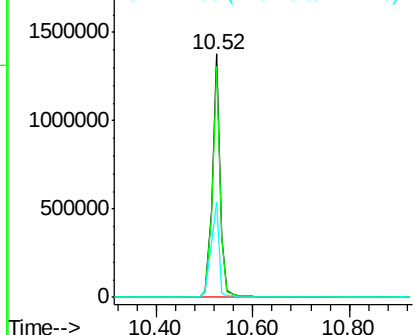
#41
 2,4,6-Tribromophenol
 Concen: 123.84 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5D

Tgt Ion:330 Resp: 1612405
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 40.6 30.2 45.2

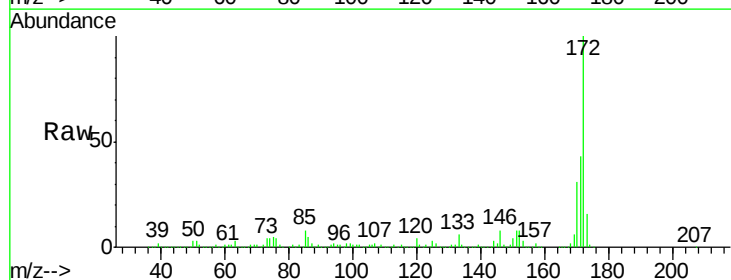


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

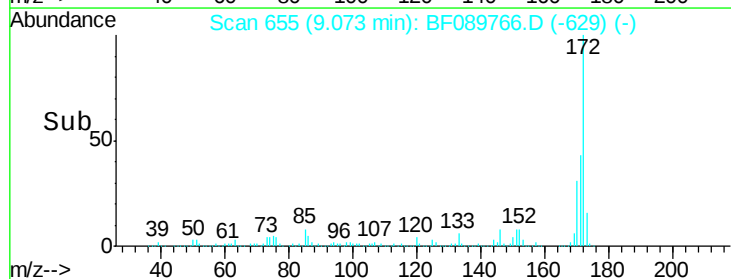
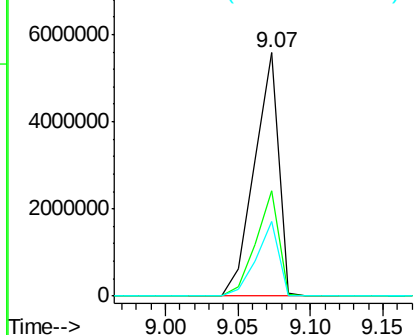


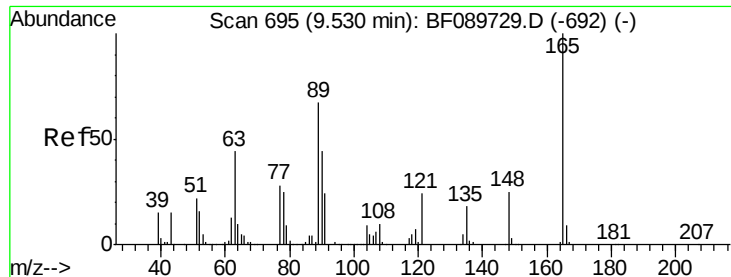
#44
 2-Fluorobiphenyl
 Concen: 77.07 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

Tgt Ion:172 Resp: 6464139
 Ion Ratio Lower Upper
 172 100
 171 43.5 30.5 45.7
 170 30.9 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

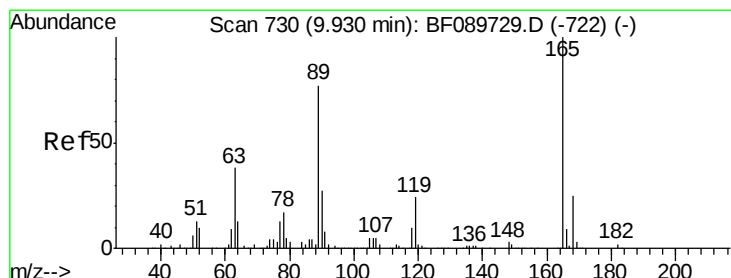
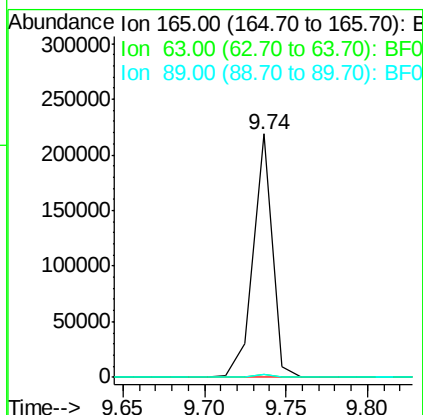
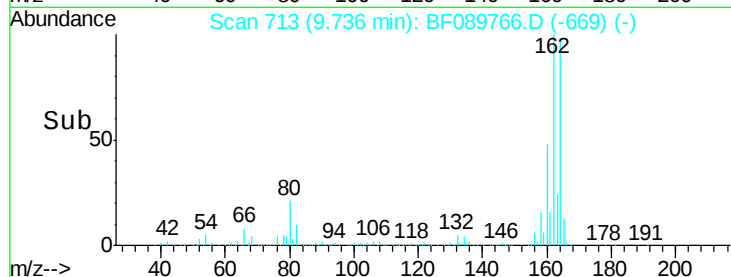
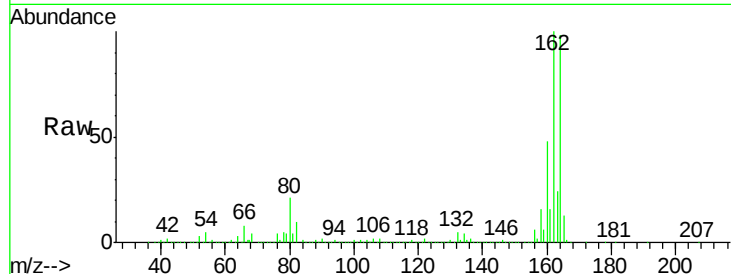




#50
 2,6-Dinitrotoluene
 Concen: 8.16 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

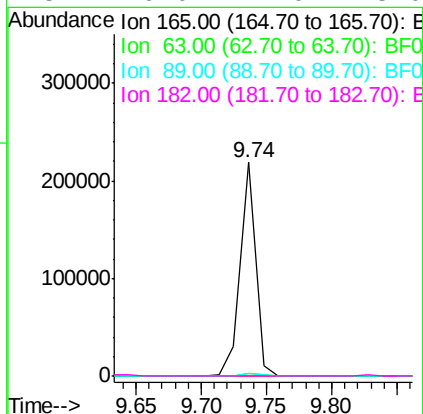
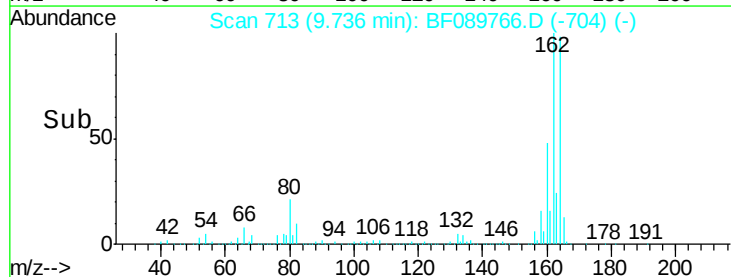
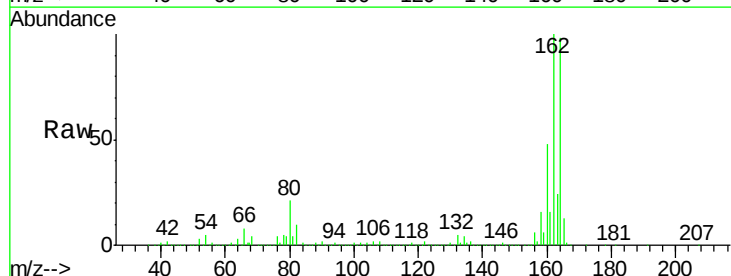
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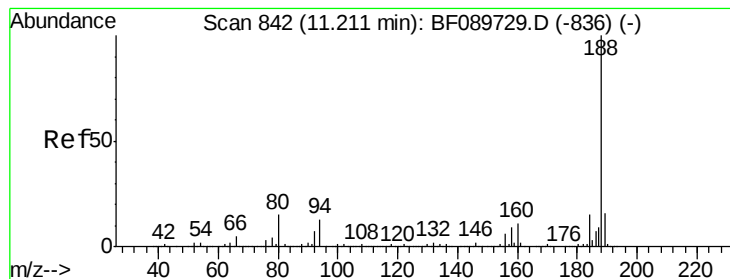
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.7	62.5#
89	1.4	44.6	67.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089766.D
 Acq: 17 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	23.7	35.5#
89	1.4	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: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

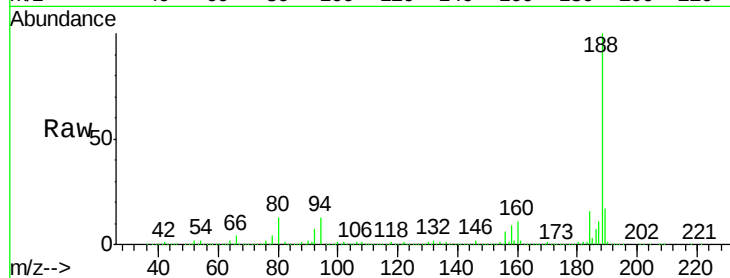
Tgt Ion:188 Resp: 2304285

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.2

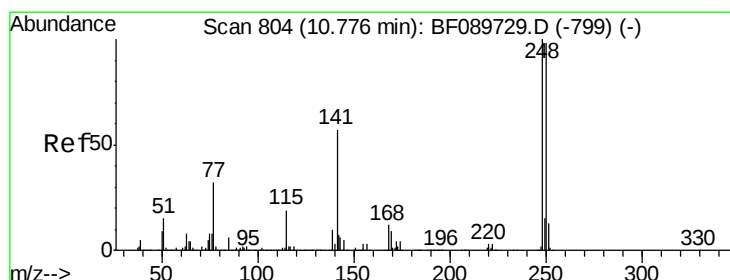
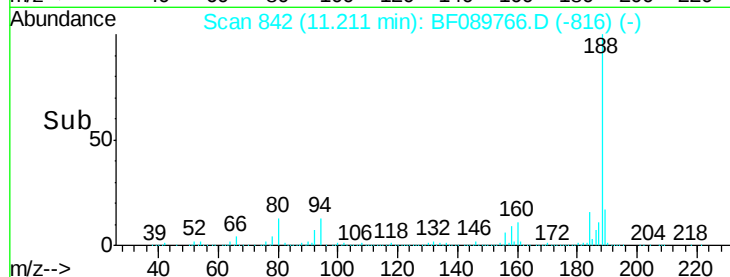
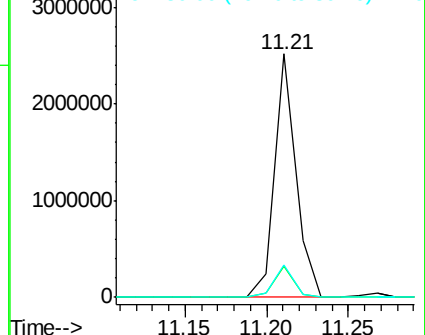
80 13.1 10.9 16.3



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: 4.12 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

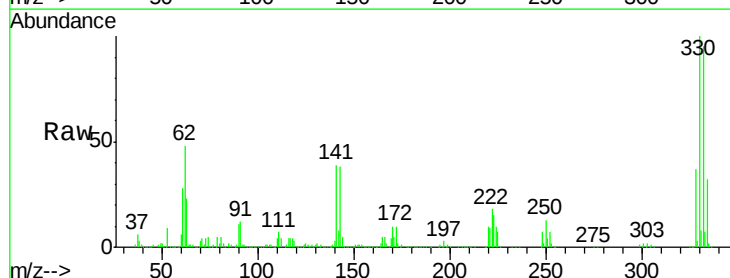
Tgt Ion:248 Resp: 98305

Ion Ratio Lower Upper

248 100

250 192.5 78.6 117.8#

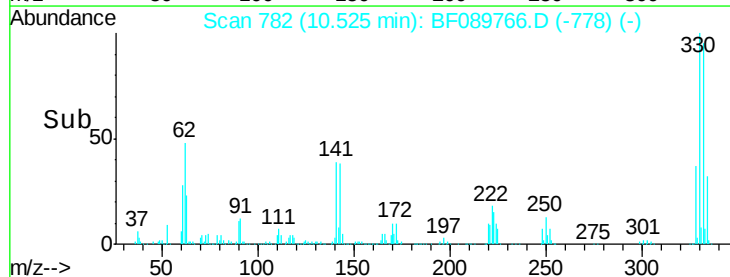
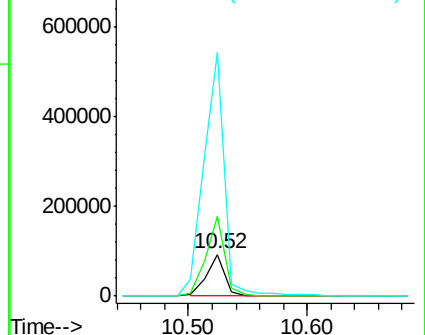
141 587.8 31.4 47.2#

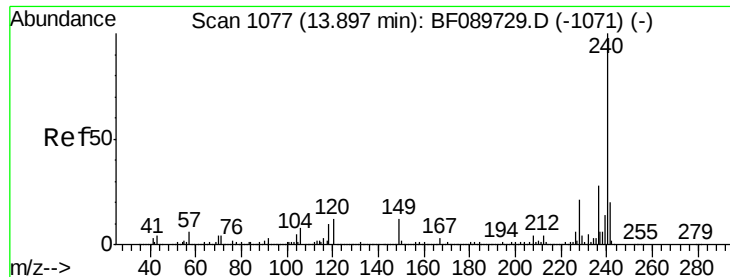


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF089766.D

Acq: 17 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

LOCATION-5D

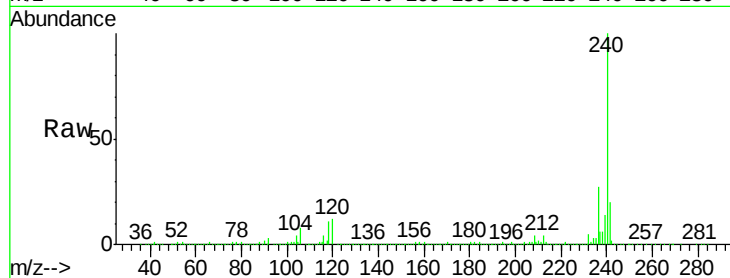
Tgt Ion:240 Resp: 2005070

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

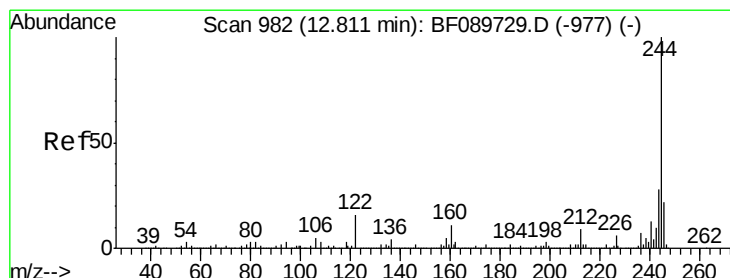
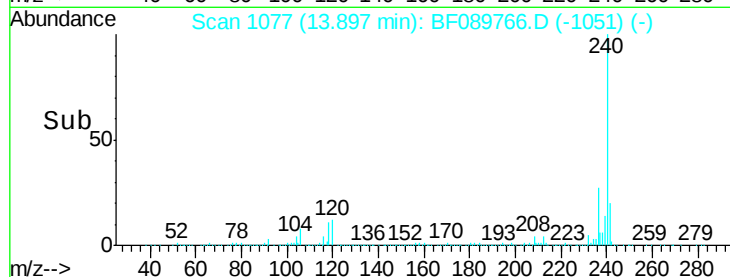
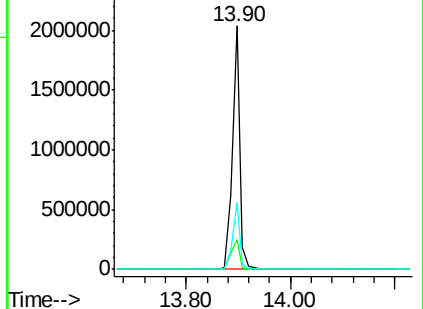
236 27.3 21.3 31.9



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: 86.71 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089766.D

Acq: 17 Aug 2016 16:42

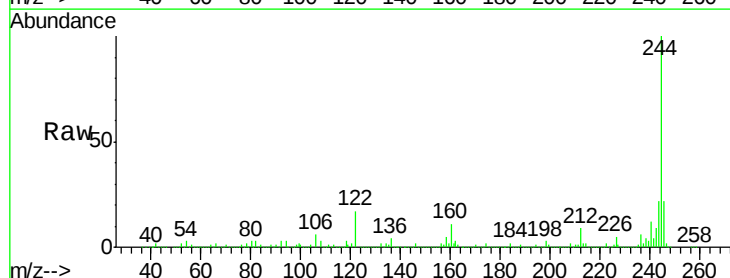
Tgt Ion:244 Resp: 5819587

Ion Ratio Lower Upper

244 100

212 9.3 6.3 9.5

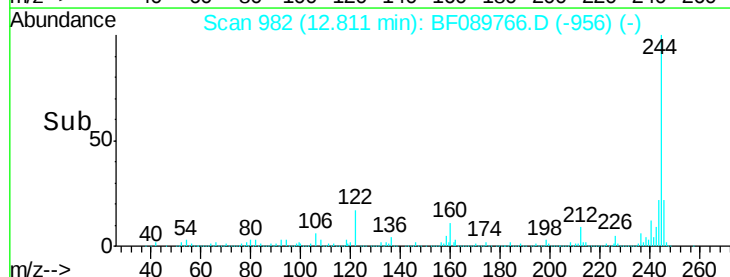
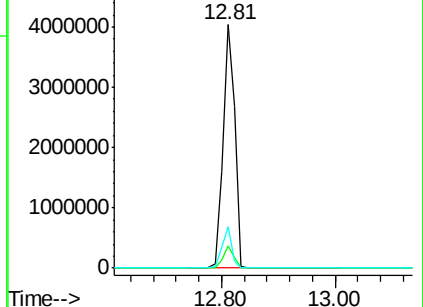
122 17.1 12.0 18.0

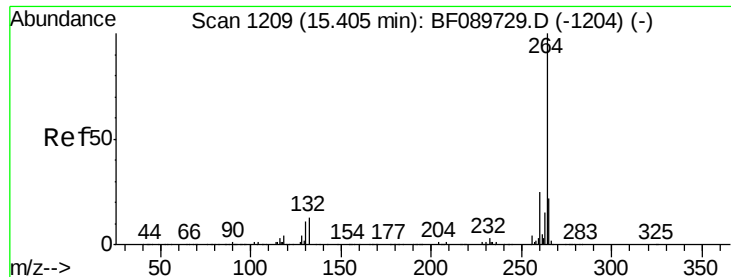


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089766.D
Acq: 17 Aug 2016 16:42

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D

Tgt Ion: 264 Resp: 1559324

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	22.6	17.4	26.2

