

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089762.D
 Acq On : 17 Aug 2016 14:56
 Operator : UM/SJ
 Sample : H4476-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A

Quant Time: Aug 17 15:38:39 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

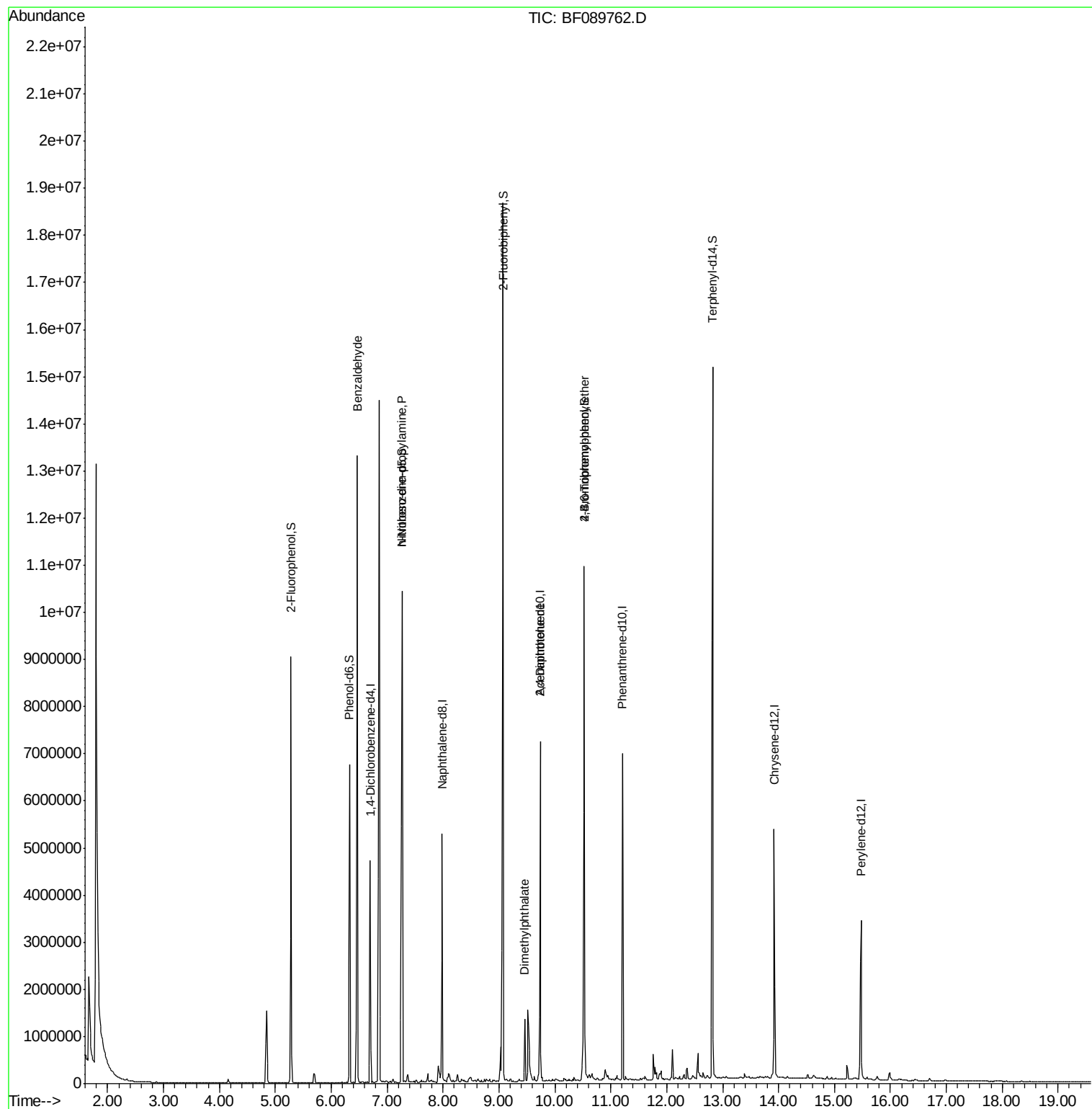
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	671567	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2773351	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1352743	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2314945	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1934530	20.00	ng	0.02
86) Perylene-d12	15.47	264	1671006	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2605666	64.74	ng	0.00
7) Phenol-d6	6.33	99	2482742	48.50	ng	0.00
23) Nitrobenzene-d5	7.27	82	4101135	90.30	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1588689	121.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6833248	81.06	ng	0.00
78) Terphenyl-d14	12.82	244	5334756	82.38	ng	0.01
Target Compounds						
9) Benzaldehyde	6.47	77	115367	3.40	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.27	70	578849	17.26	ng	# 74
49) Dimethylphthalate	9.46	163	504812	5.16	ng	99
56) 2,4-Dinitrotoluene	9.74	165	181902	6.39	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	99138	4.14	ng	# 1

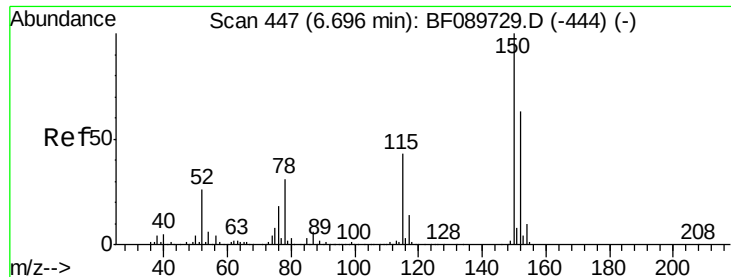
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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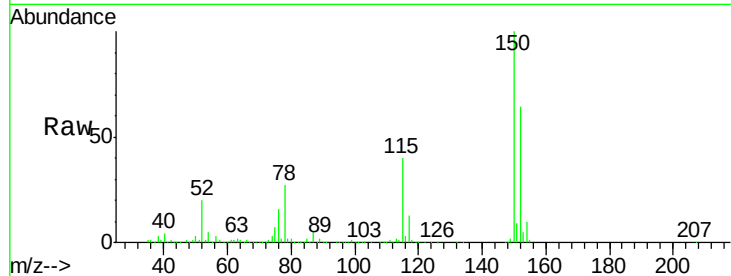


#1

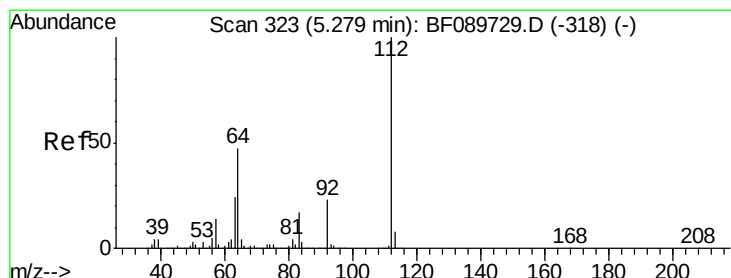
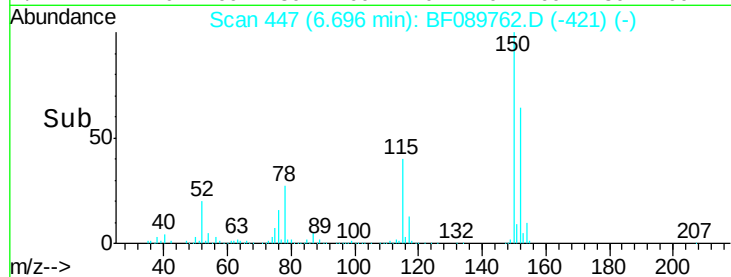
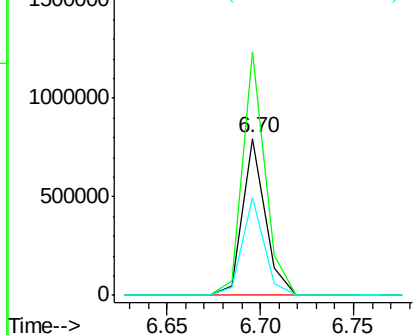
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089762.D
Acq: 17 Aug 2016 14:56

Instrument :
BNA_F
ClientSampleId :
LOCATION-15A

Tgt Ion:152 Resp: 671567
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 62.7 40.9 61.3#



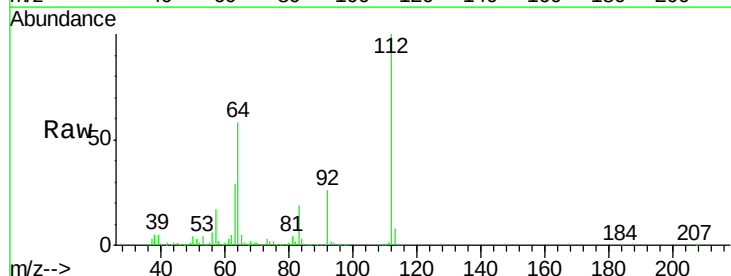
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



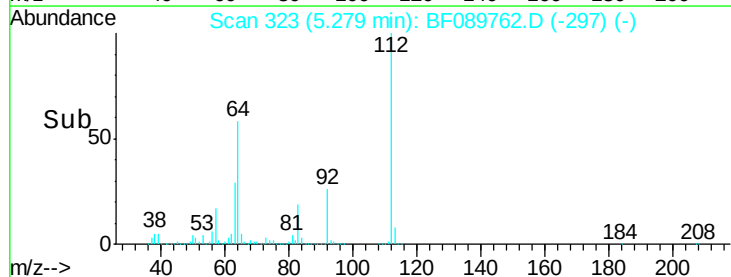
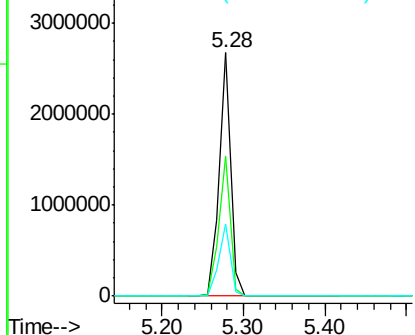
#5

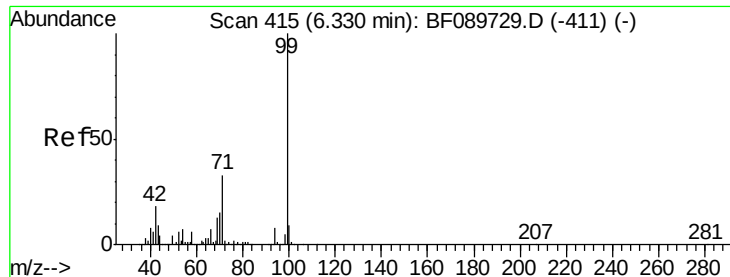
2-Fluorophenol
Concen: 64.74 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089762.D
Acq: 17 Aug 2016 14:56

Tgt Ion:112 Resp: 2605666
Ion Ratio Lower Upper
112 100
64 57.7 45.0 67.4
63 29.5 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: 48.50 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-15A

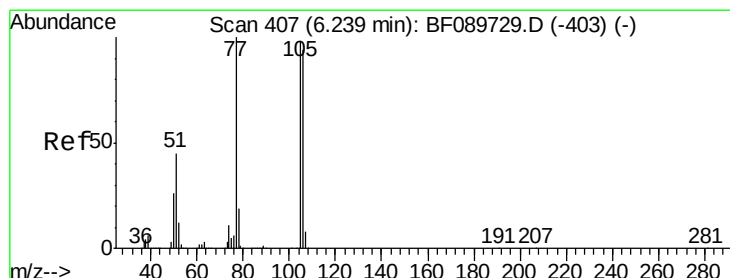
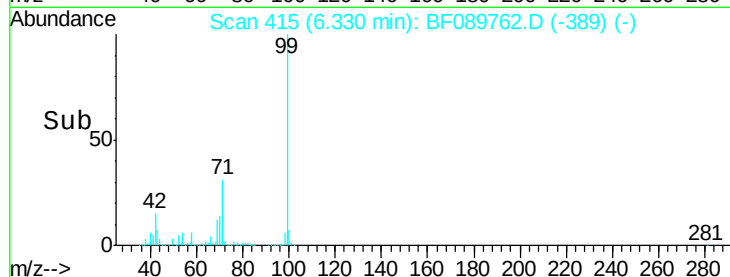
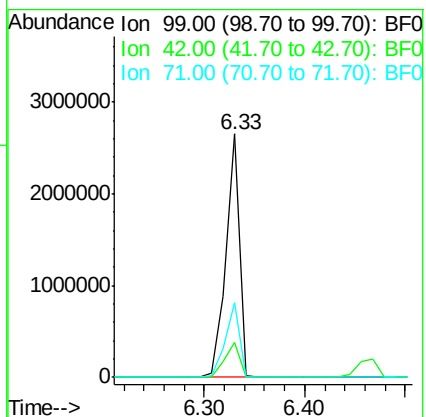
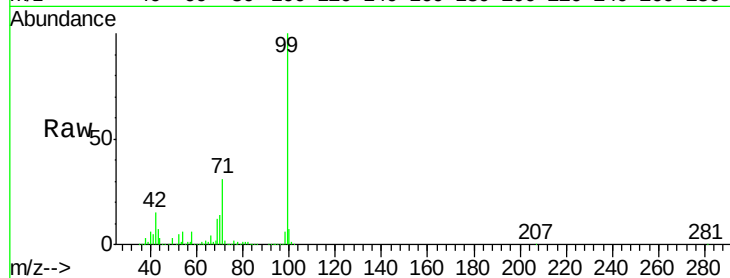
Tgt Ion: 99 Resp: 2482742

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.4

71 30.6 23.8 35.8



#9

Benzaldehyde

Concen: 3.40 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

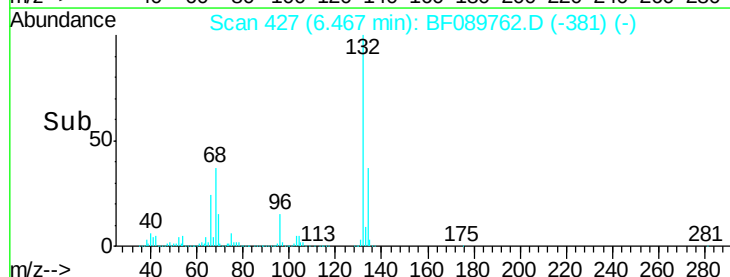
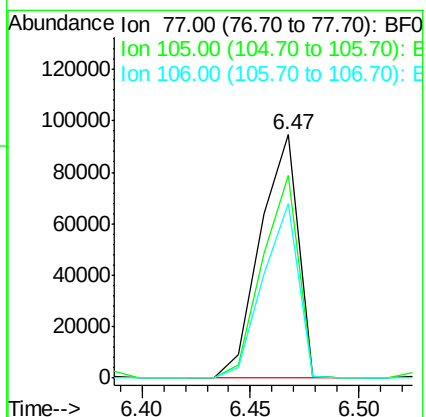
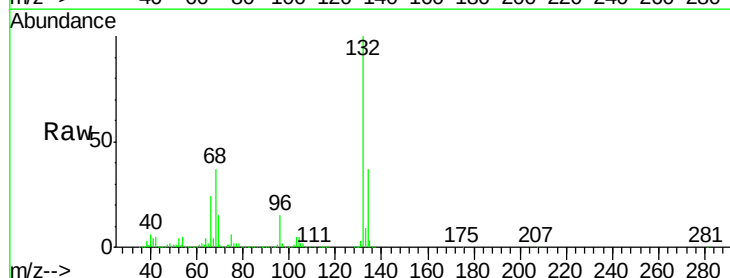
Tgt Ion: 77 Resp: 115367

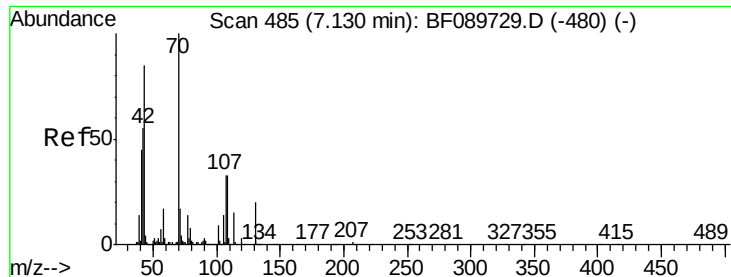
Ion Ratio Lower Upper

77 100

105 83.0 73.3 113.3

106 71.4 68.6 108.6

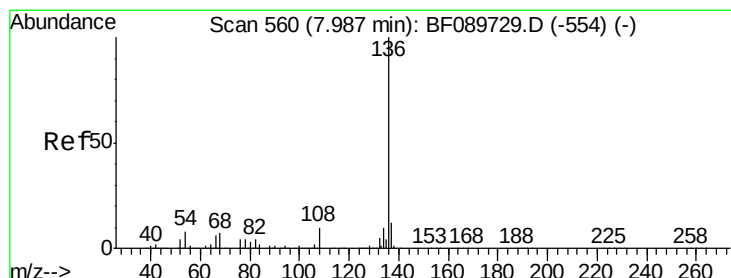
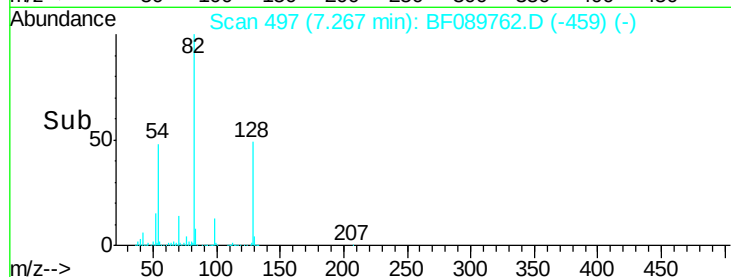
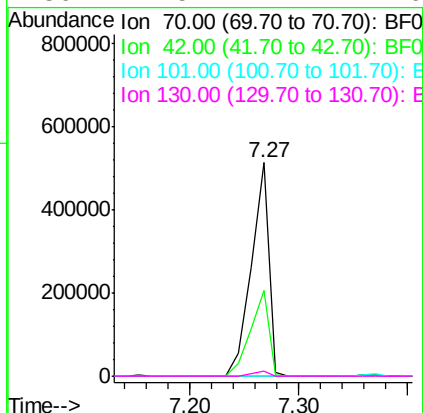
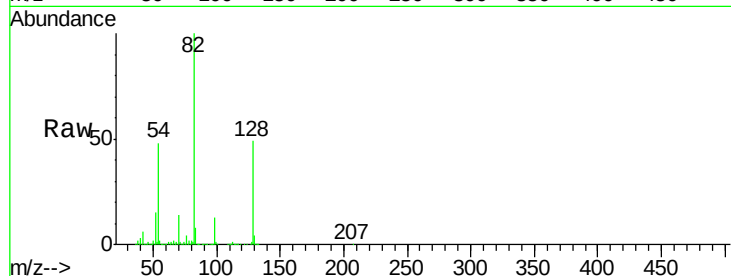




#19
n-Nitroso-di-n-propylamine
Concen: 17.26 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089762.D
Acq: 17 Aug 2016 14:56

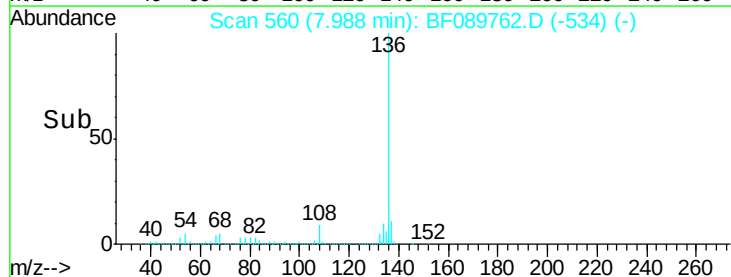
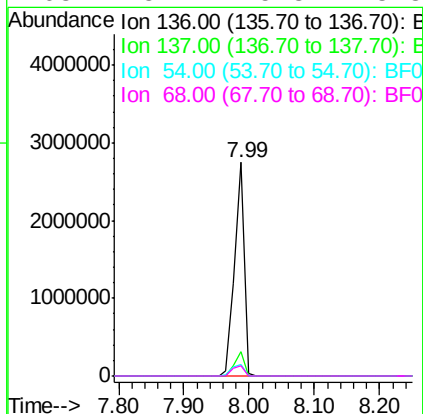
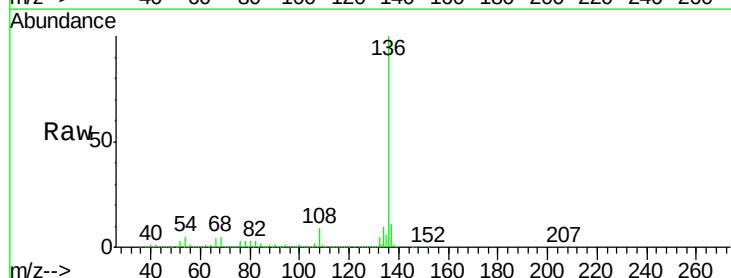
Instrument :
BNA_F
ClientSampleId :
LOCATION-15A

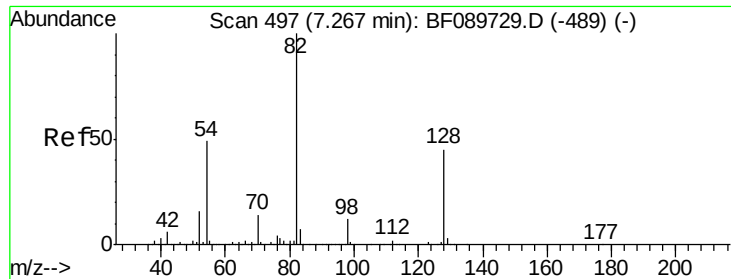
Tgt Ion:	70	Resp:	578849
Ion	Ratio	Lower	Upper
70	100		
42	40.3	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089762.D
Acq: 17 Aug 2016 14:56

Tgt Ion:	136	Resp:	2773351
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.5	7.2	10.8#
68	5.1	5.8	8.8#

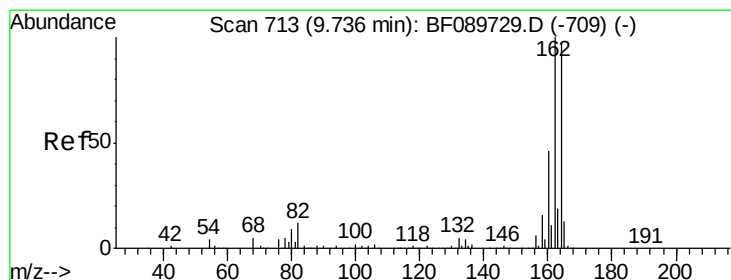
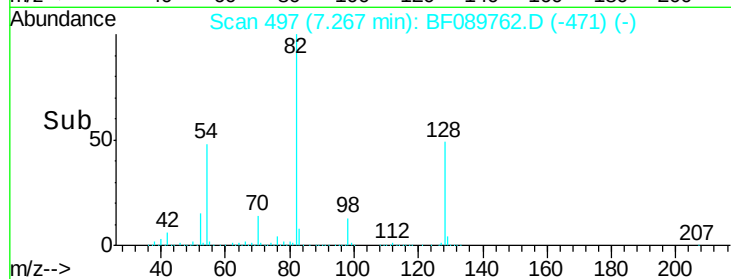
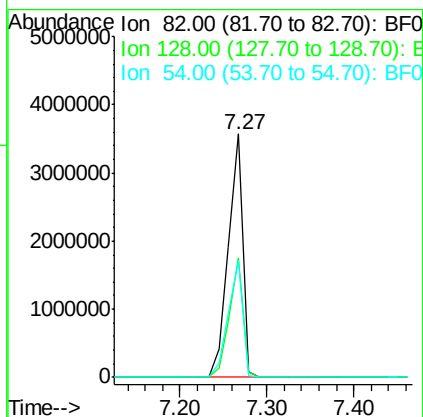
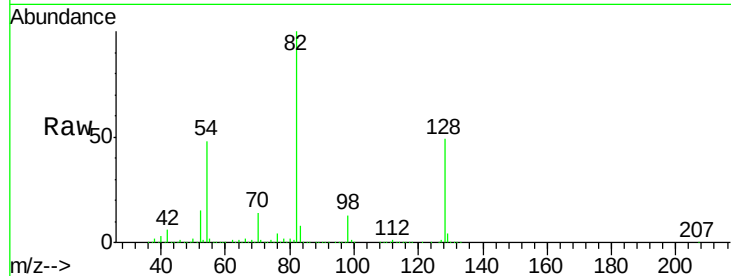




#23
 Nitrobenzene-d5
 Concen: 90.30 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089762.D
 Acq: 17 Aug 2016 14:56

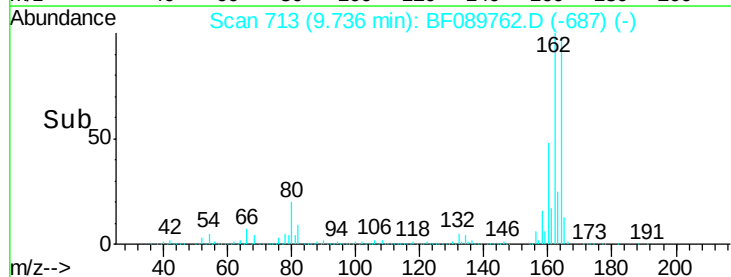
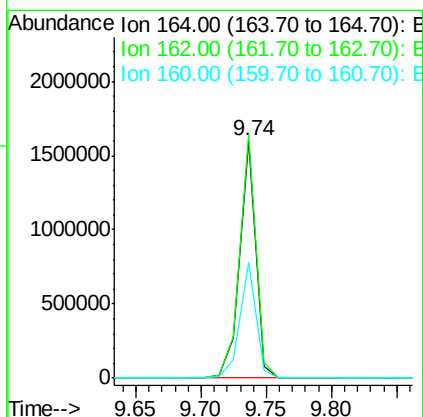
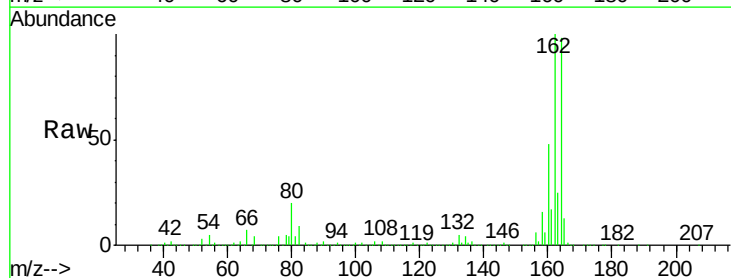
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A

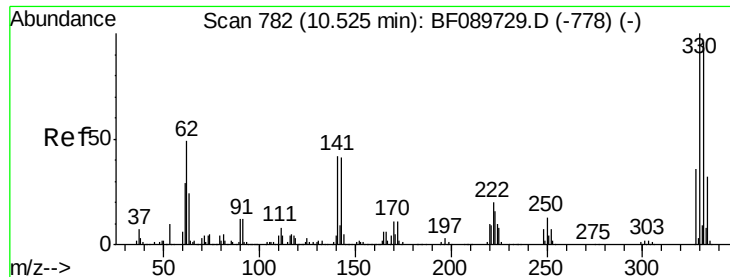
Tgt Ion: 82 Resp: 4101135
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.4 51.6
 54 47.8 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089762.D
 Acq: 17 Aug 2016 14:56

Tgt Ion: 164 Resp: 1352743
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 48.7 37.8 56.6

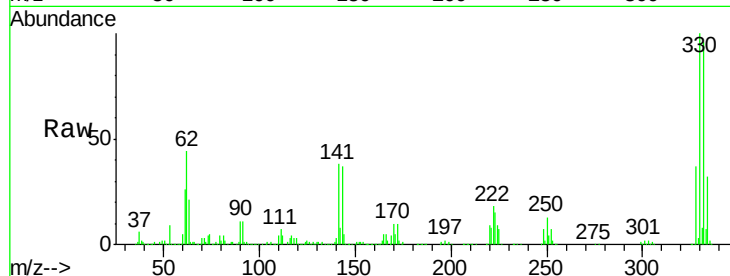




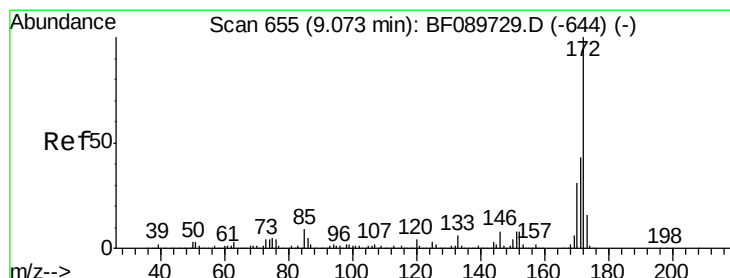
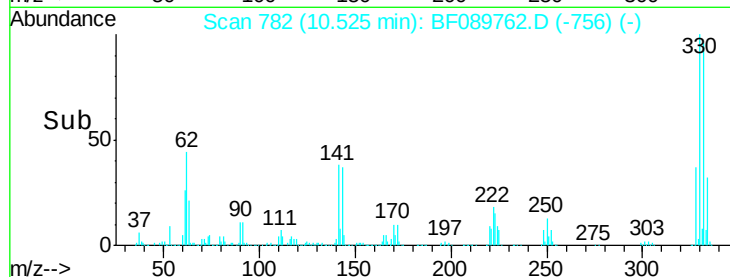
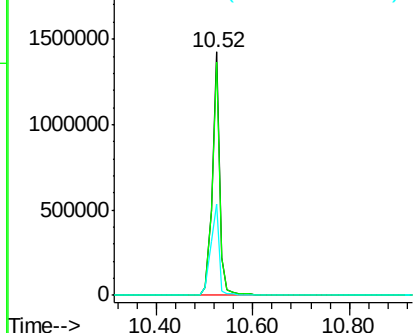
#41
 2,4,6-Tribromophenol
 Concen: 121.40 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089762.D
 Acq: 17 Aug 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A

Tgt Ion:330 Resp: 1588689
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 41.6 30.2 45.2

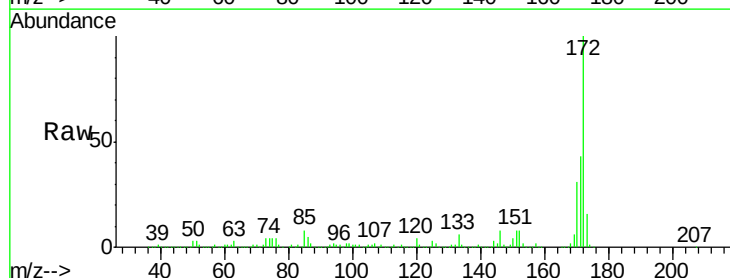


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

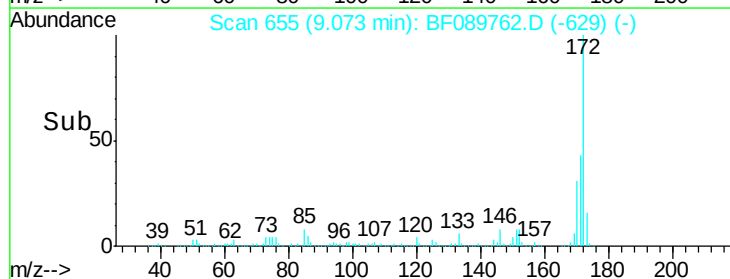
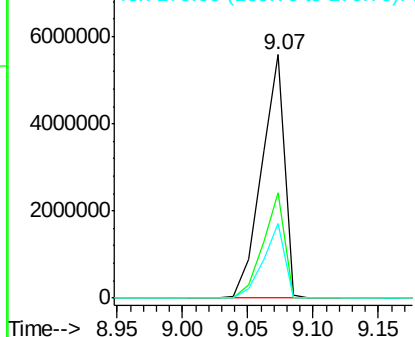


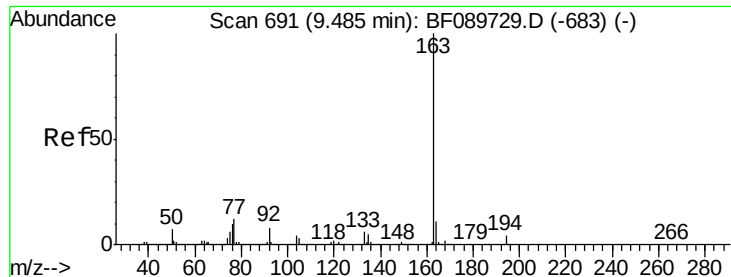
#44
 2-Fluorobiphenyl
 Concen: 81.06 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089762.D
 Acq: 17 Aug 2016 14:56

Tgt Ion:172 Resp: 6833248
 Ion Ratio Lower Upper
 172 100
 171 43.0 30.5 45.7
 170 30.6 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





#49

Dimethylphthalate

Concen: 5.16 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-15A

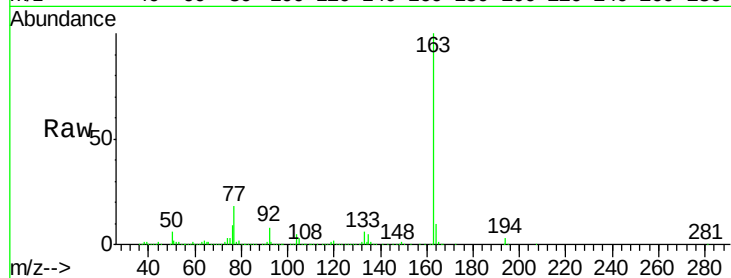
Tgt Ion:163 Resp: 504812

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

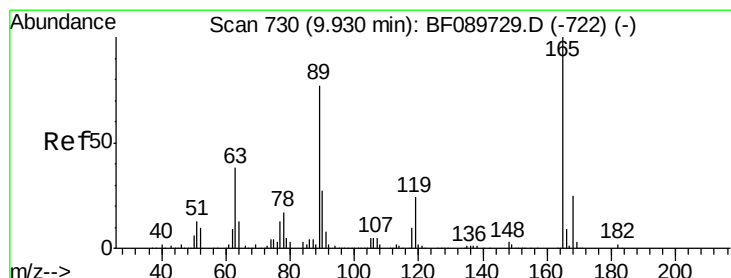
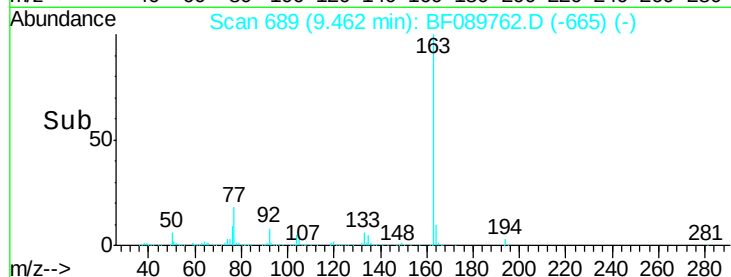
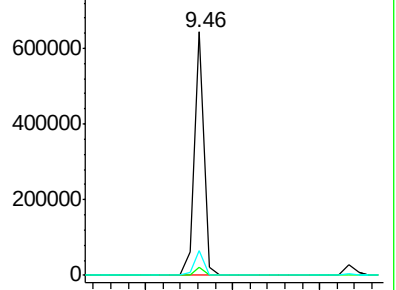
164 10.2 8.6 12.8



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: 6.39 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.19 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

Tgt Ion:165 Resp: 181902

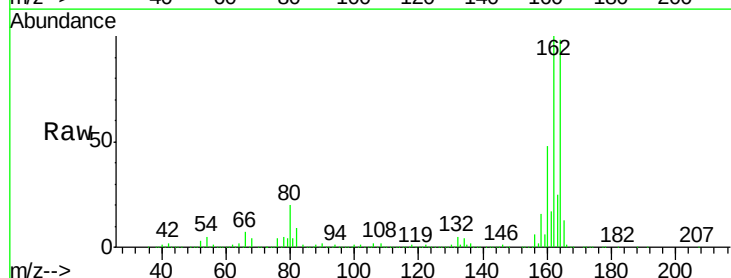
Ion Ratio Lower Upper

165 100

63 1.1 23.7 35.5#

89 2.0 44.0 66.0#

182 0.3 2.0 3.0#

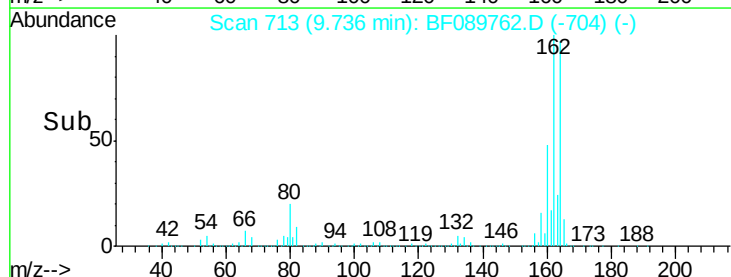
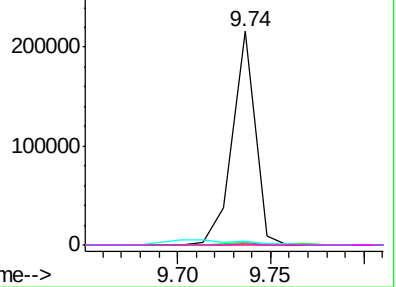


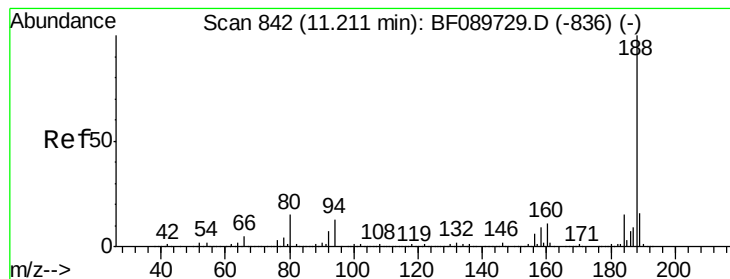
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089762.D

Acq: 17 Aug 2016 14:56

Instrument :

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LOCATION-15A

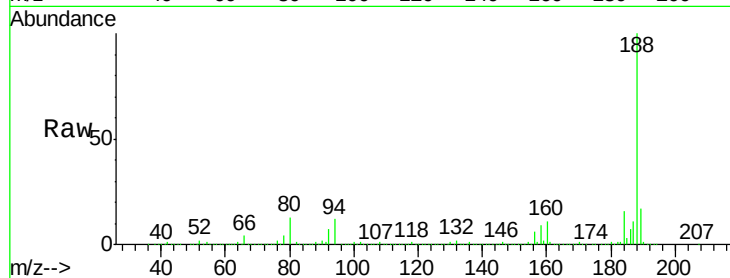
Tgt Ion:188 Resp: 2314945

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.2

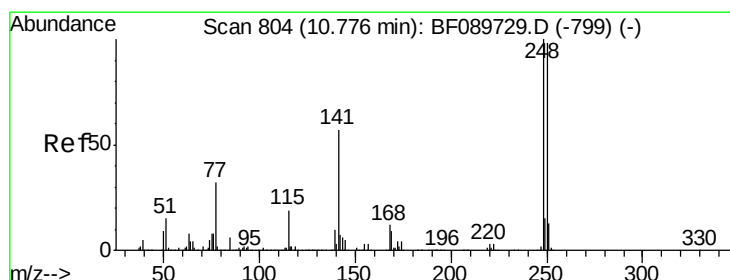
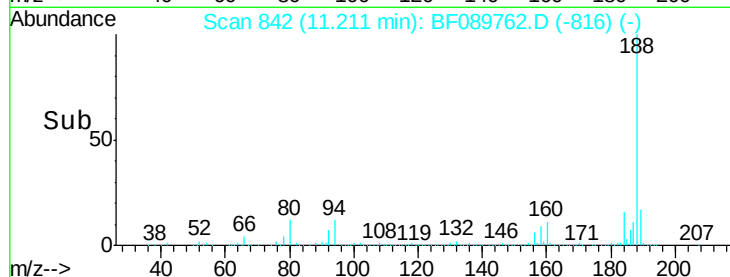
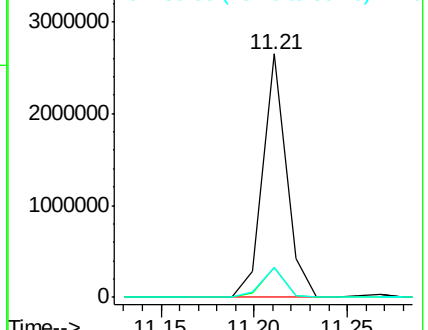
80 12.5 10.9 16.3



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: 4.14 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

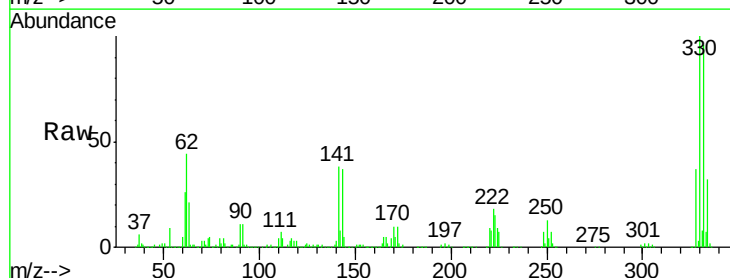
Tgt Ion:248 Resp: 99138

Ion Ratio Lower Upper

248 100

250 191.7 78.6 117.8#

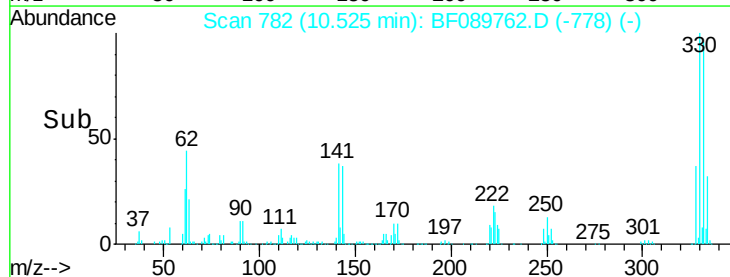
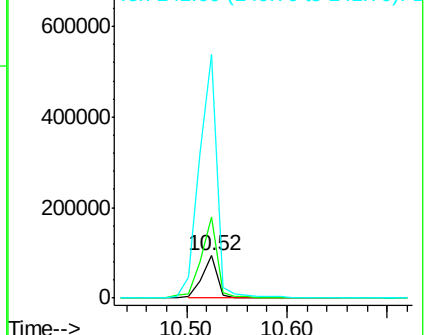
141 577.2 31.4 47.2#

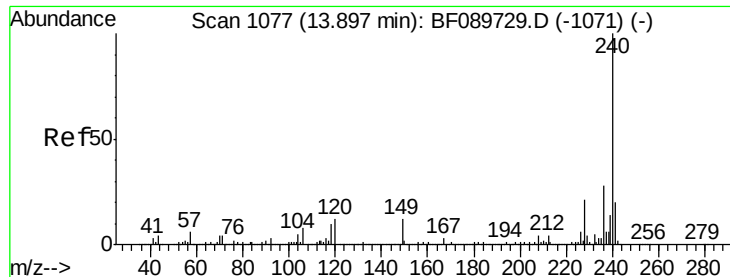


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.92 min Scan# 1079

Delta R.T. 0.02 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-15A

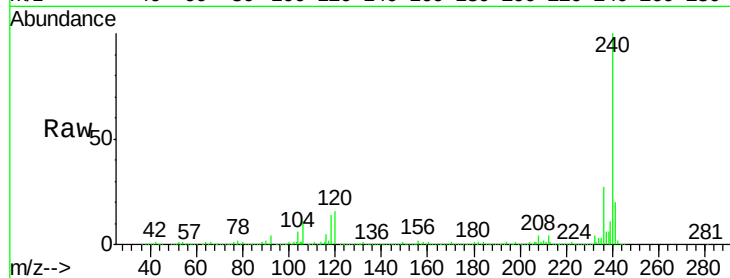
Tgt Ion:240 Resp: 1934530

Ion Ratio Lower Upper

240 100

120 15.8 8.3 12.5#

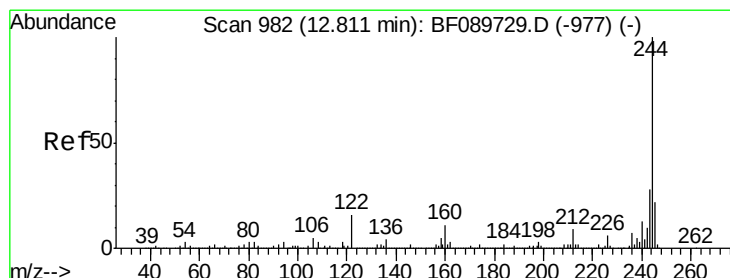
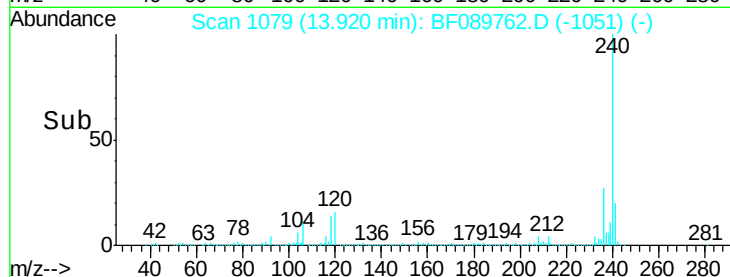
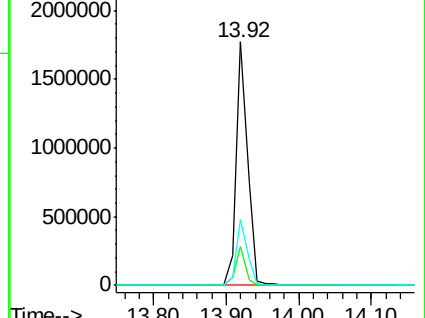
236 26.9 21.3 31.9



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: 82.38 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF089762.D

Acq: 17 Aug 2016 14:56

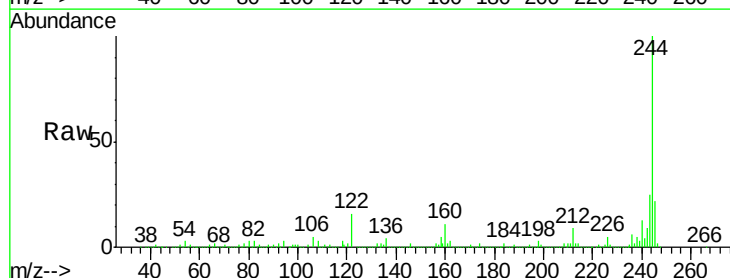
Tgt Ion:244 Resp: 5334756

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

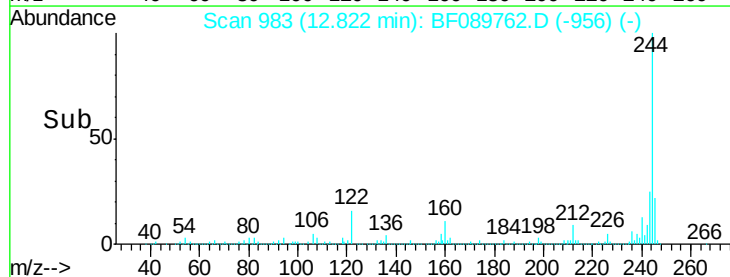
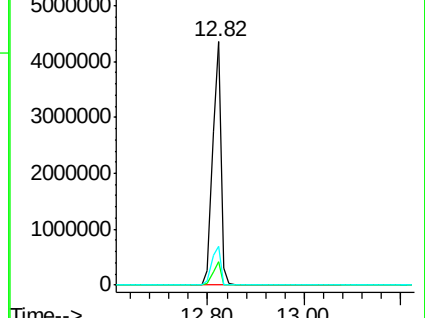
122 15.9 12.0 18.0

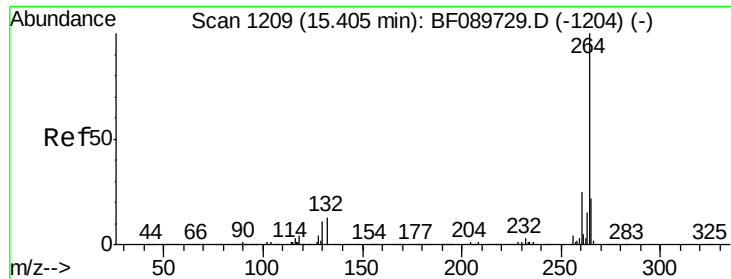


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1215
Delta R.T. 0.07 min
Lab File: BF089762.D
Acq: 17 Aug 2016 14:56

Instrument :
BNA_F
ClientSampleId :
LOCATION-15A

Tgt Ion: 264 Resp: 1671006

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.1	17.4	26.2

