

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089774.D
 Acq On : 17 Aug 2016 20:20
 Operator : UM/SJ
 Sample : H4383-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-080416

Quant Time: Aug 18 08:31:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

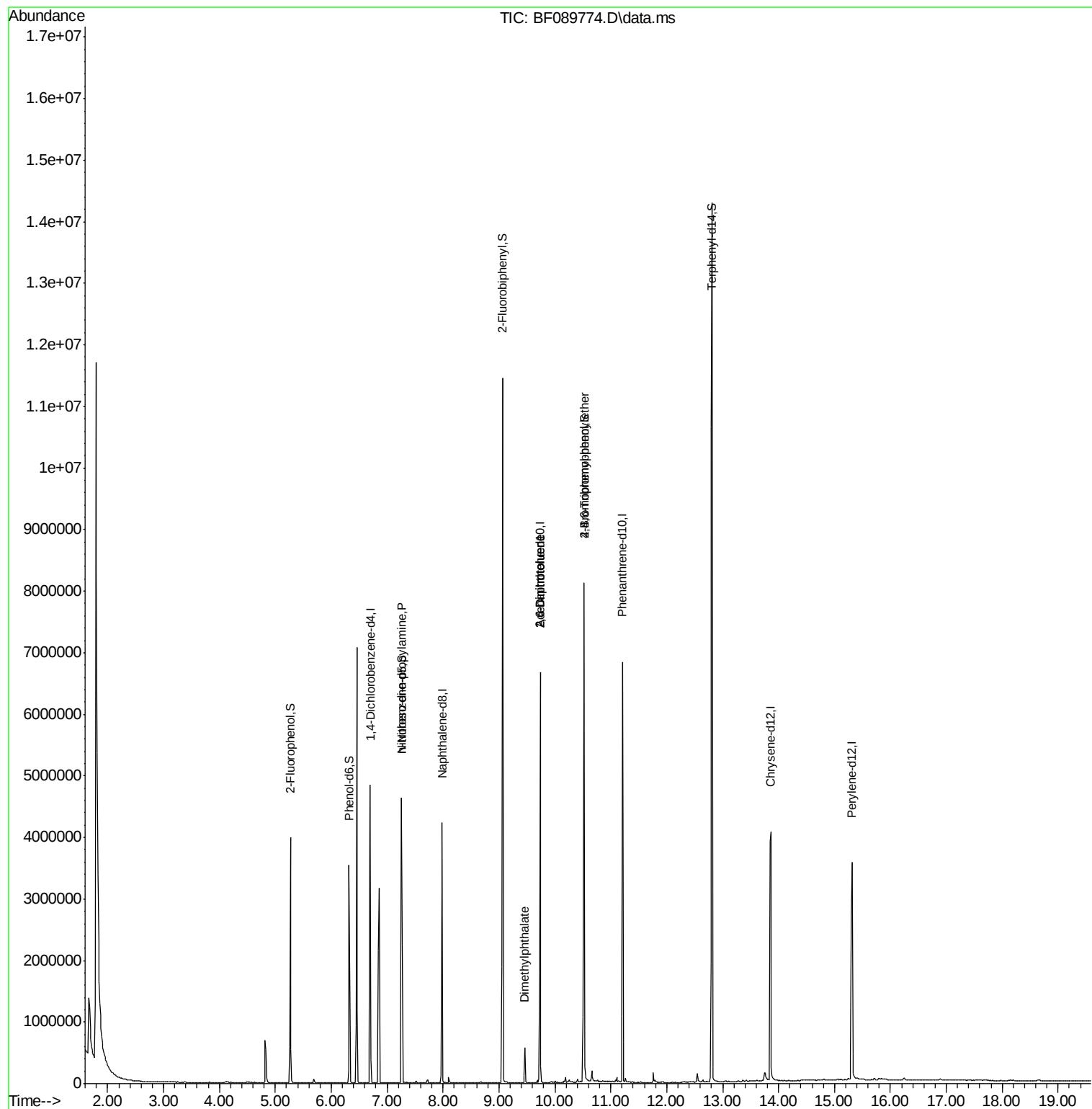
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	676277	20.00	ng	0.00
21) Naphthalene-d8	7.987	136	2623863	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1295504	20.00	ng	0.00
63) Phenanthrene-d10	11.210	188	2267240	20.00	ng	0.00
75) Chrysene-d12	13.862	240	2065776	20.00	ng	-0.03
86) Perylene-d12	15.314	264	1799277	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.267	112	1080561	26.66	ng	-0.01
7) Phenol-d6	6.319	99	1499321	29.08	ng	-0.01
23) Nitrobenzene-d5	7.256	82	1796101	41.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.525	330	1437669	114.71	ng	0.00
44) 2-Fluorobiphenyl	9.062	172	5169993	64.04	ng	-0.01
78) Terphenyl-d14	12.811	244	5546095	80.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.256	70	234506	6.95	ng	Qvalue # 79
49) Dimethylphthalate	9.462	163	233199	2.49	ng	98
50) 2,6-Dinitrotoluene	9.736	165	169970	8.01	ng	# 26
56) 2,4-Dinitrotoluene	9.736	165	169977	6.23	ng	# 35
66) 4-Bromophenyl-phenylether	10.525	248	86045	3.66	ng	# 1

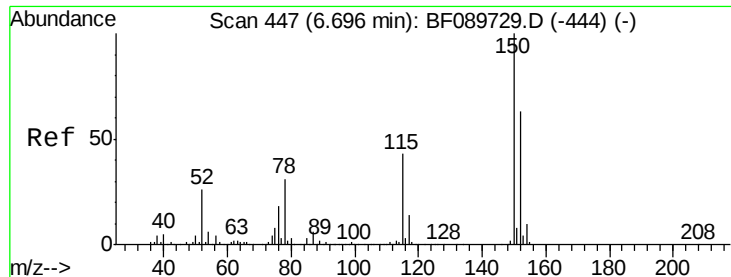
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. -0.000 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Instrument :

BNA_F

ClientSampleId :

MW-3-080416

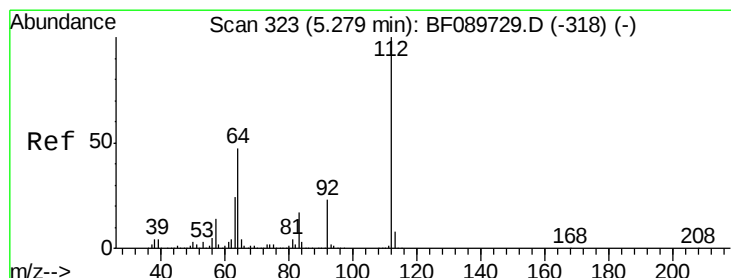
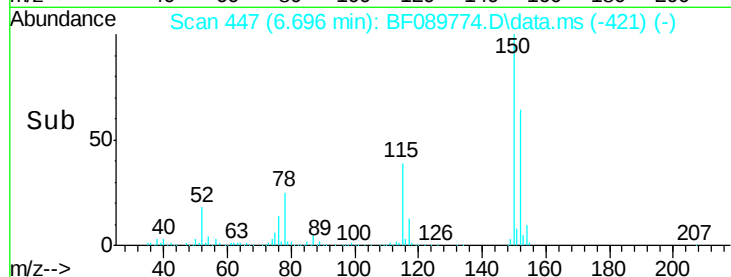
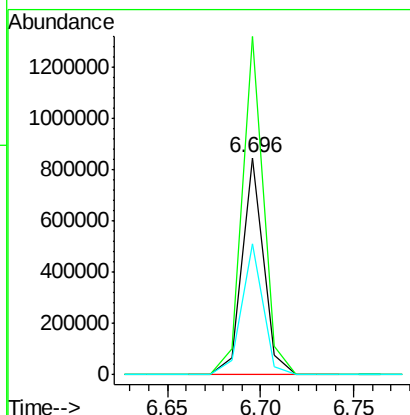
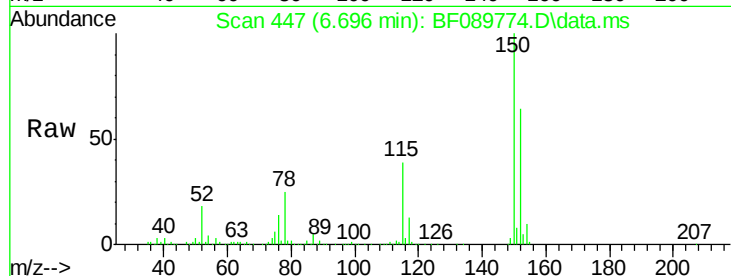
Tot Ion:152 Resp: 676277

Ion Ratio Lower Upper

152 100

150 155.8 125.3 187.9

115 60.0 40.9 61.3



#5

2-Fluorophenol

Concen: 26.66 ng

RT: 5.267 min Scan# 322

Delta R.T. -0.011 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

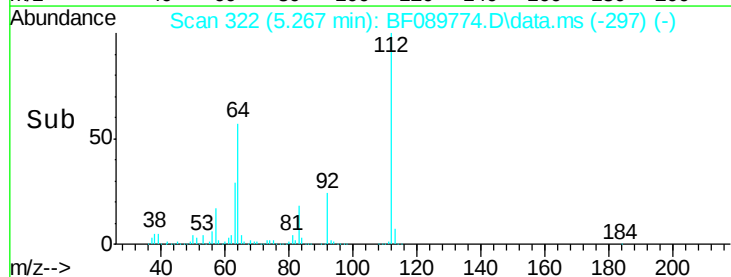
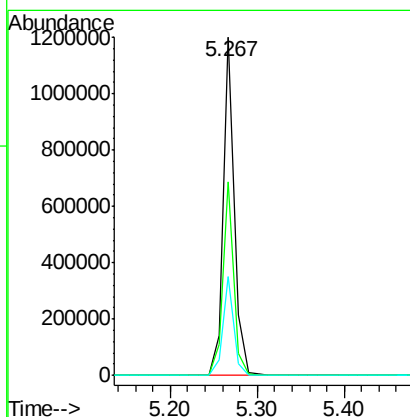
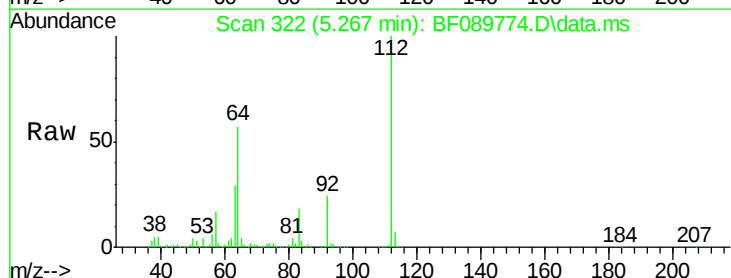
Tgt Ion:112 Resp: 1080561

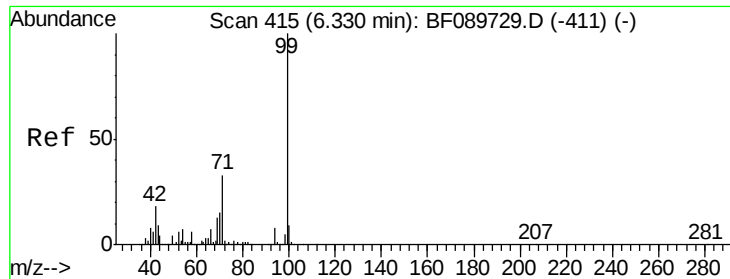
Ion Ratio Lower Upper

112 100

64 57.3 45.0 67.4

63 29.2 23.1 34.7





#7

Phenol-d6

Concen: 29.08 ng

RT: 6.319 min Scan# 41

Delta R.T. -0.012 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Instrument :

BNA_F

ClientSampleId :

MW-3-080416

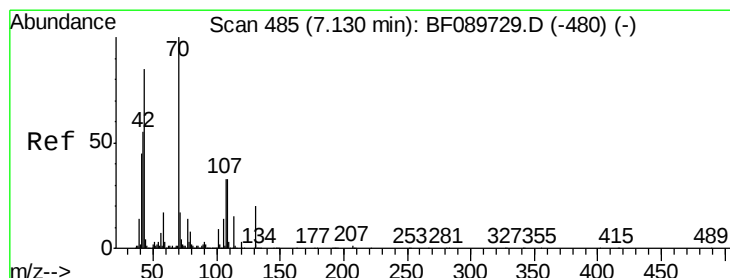
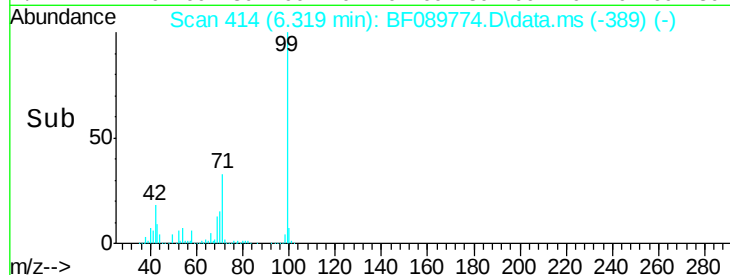
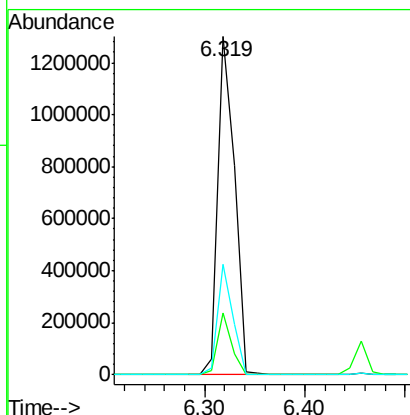
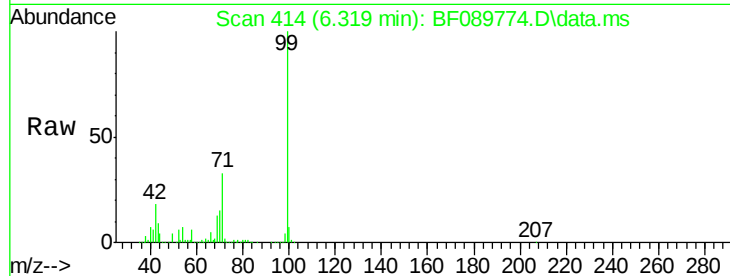
Tot Ion: 99 Resp: 1499321

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.4

71 32.7 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 6.95 ng

RT: 7.256 min Scan# 496

Delta R.T. 0.126 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Tgt Ion: 70 Resp: 234506

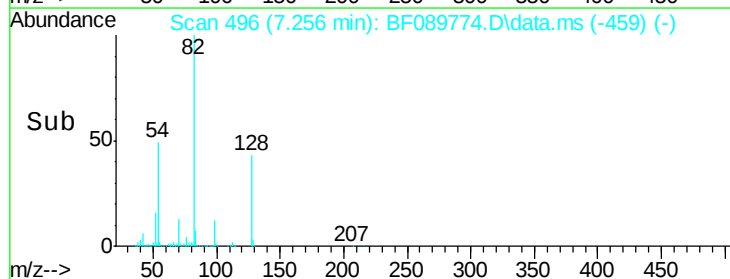
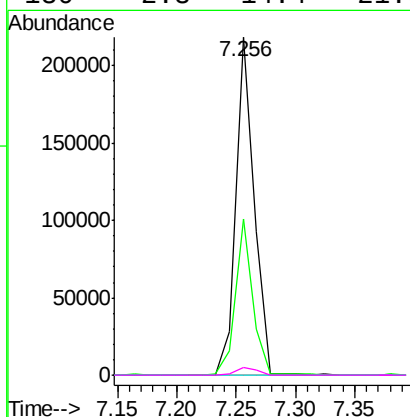
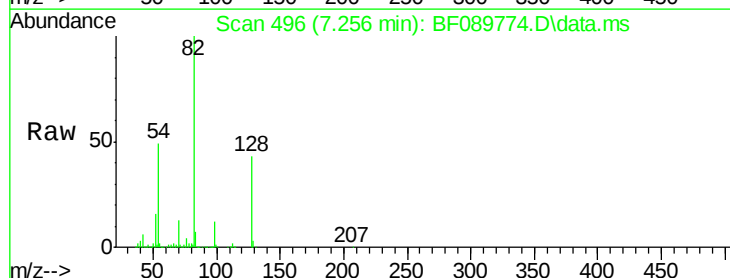
Ion Ratio Lower Upper

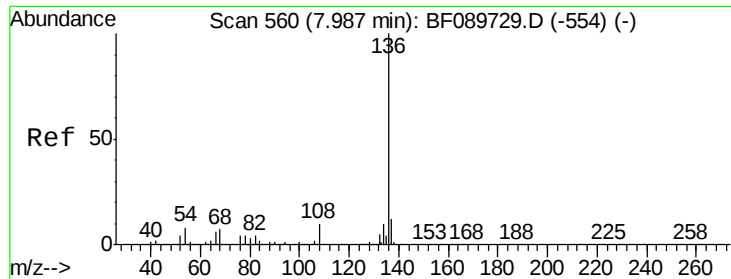
70 100

42 46.3 46.3 69.5

101 0.0 7.0 10.6#

130 2.3 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.987 min Scan# 560

Delta R.T. -0.000 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Instrument :

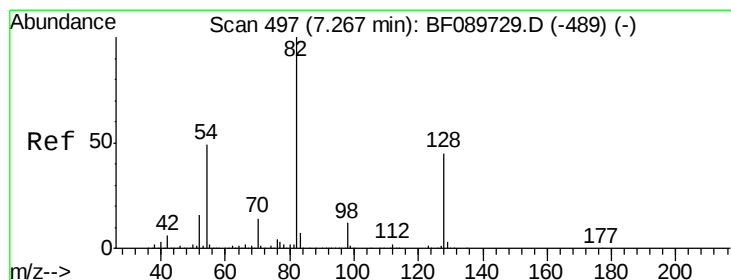
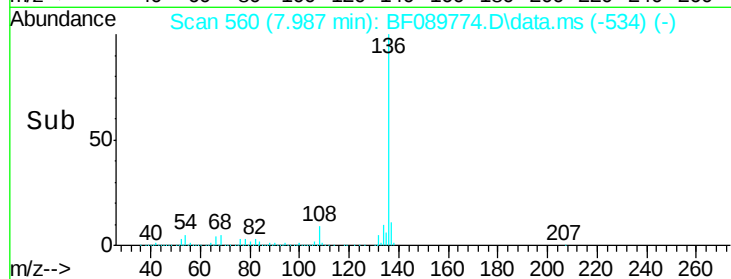
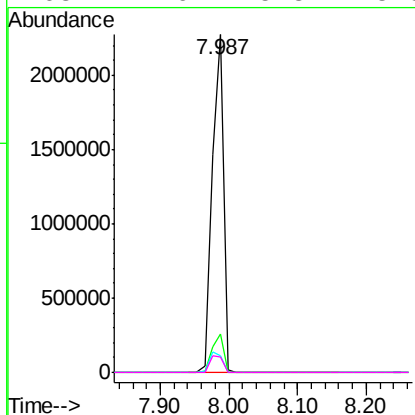
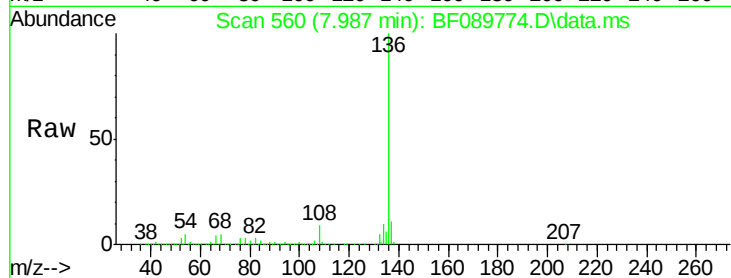
BNA_F

ClientSampleId :

MW-3-080416

Tot Ion:136 Resp: 2623863

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	4.9	7.2	10.8#
68	4.6	5.8	8.8#



#23

Nitrobenzene-d5

Concen: 41.80 ng

RT: 7.256 min Scan# 496

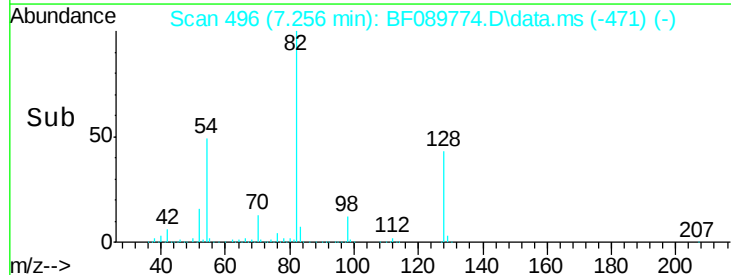
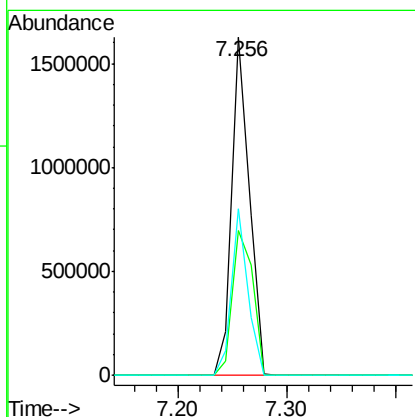
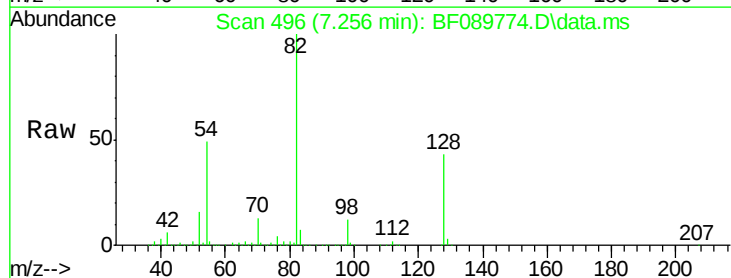
Delta R.T. -0.011 min

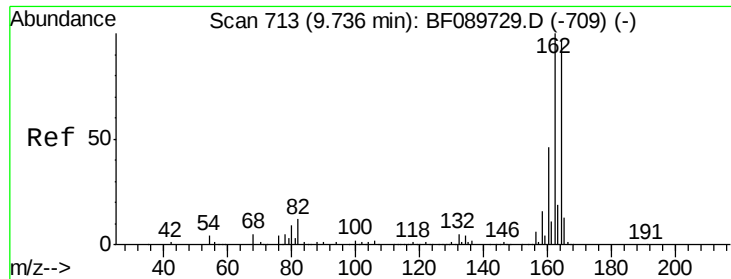
Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Tgt Ion: 82 Resp: 1796101

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.4	51.6
54	49.4	40.3	60.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.736 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Instrument :

BNA_F

ClientSampleId :

MW-3-080416

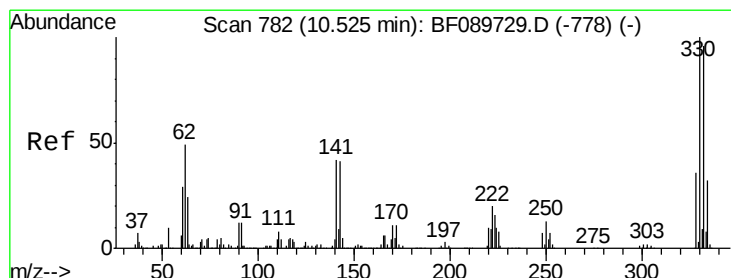
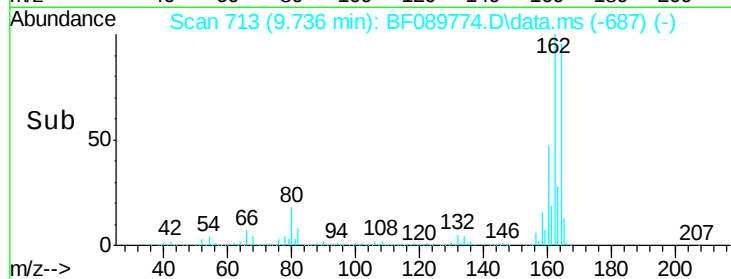
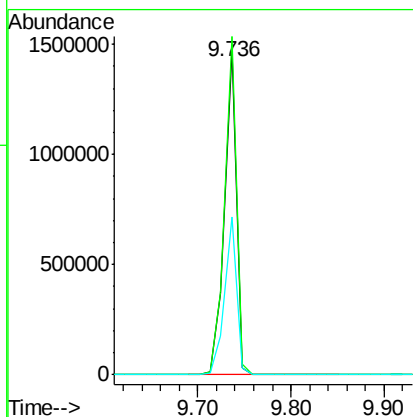
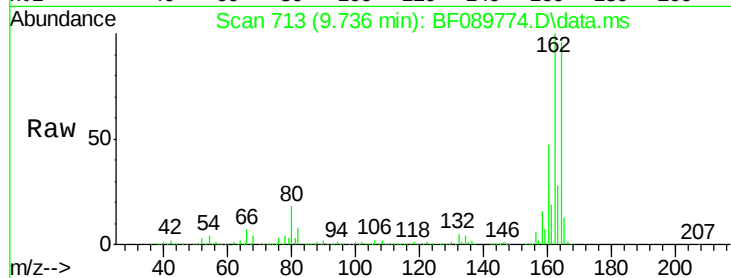
Tot Ion:164 Resp: 1295504

Ion Ratio Lower Upper

164 100

162 104.3 81.4 122.2

160 48.7 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 114.71 ng

RT: 10.525 min Scan# 782

Delta R.T. -0.000 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

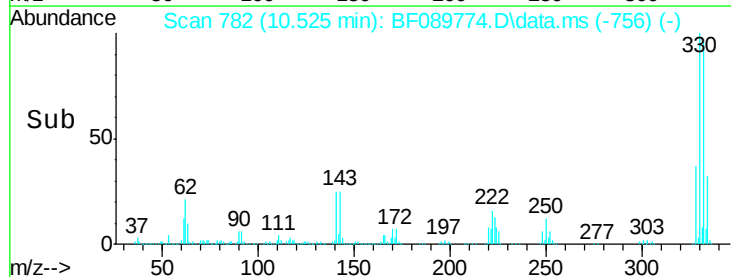
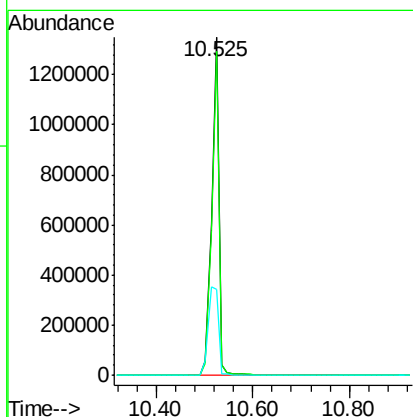
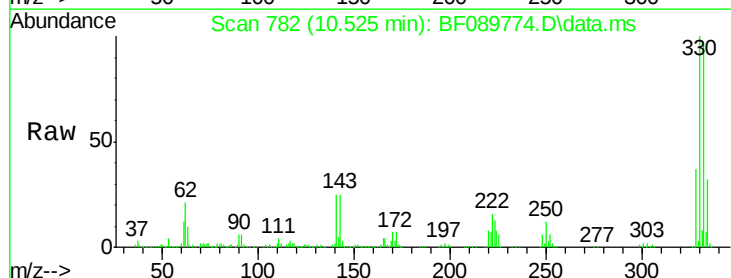
Tgt Ion:330 Resp: 1437669

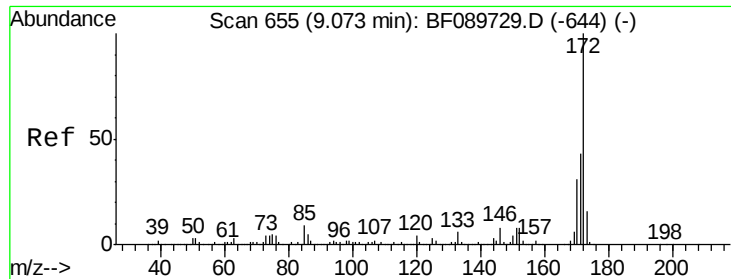
Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 37.2 30.2 45.2

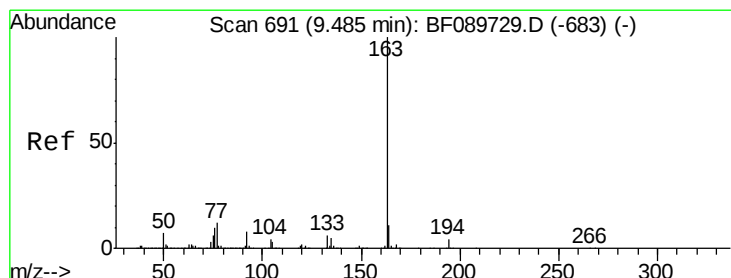
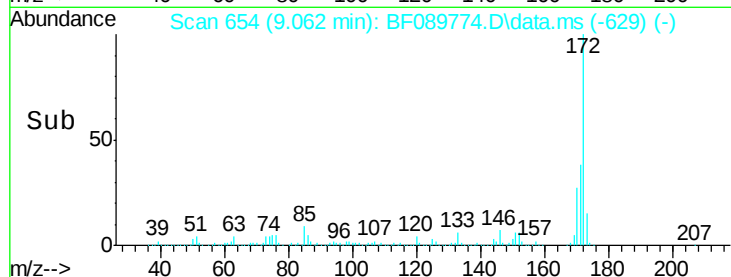
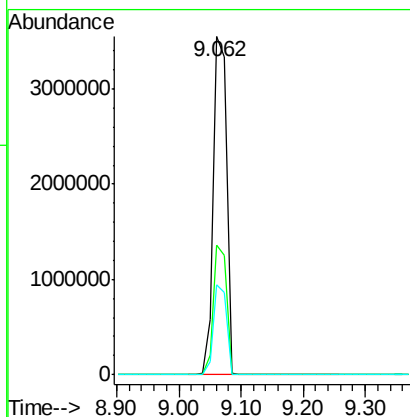
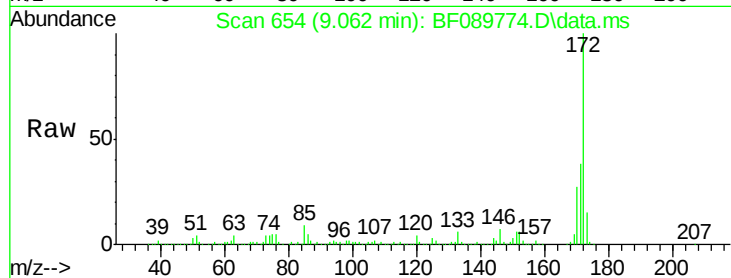




#44
2-Fluorobiphenyl
Concen: 64.04 ng
RT: 9.062 min Scan# 65
Delta R.T. -0.011 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

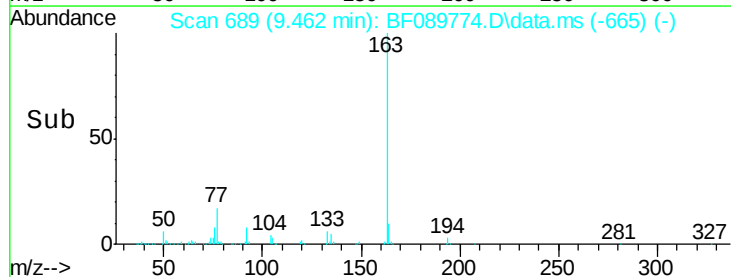
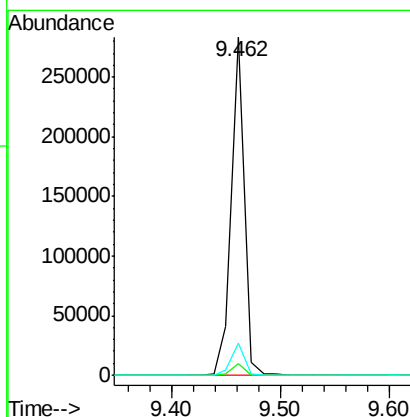
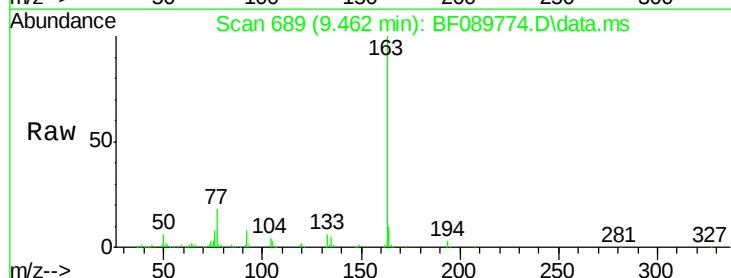
Instrument :
BNA_F
ClientSampleId :
MW-3-080416

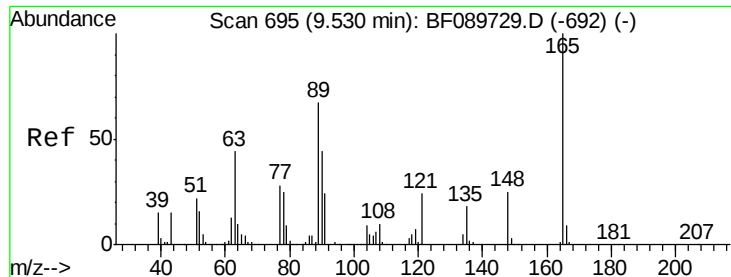
Tot Ion:172 Resp: 5169993
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 26.6 20.6 31.0



#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.462 min Scan# 689
Delta R.T. -0.023 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

Tgt Ion:163 Resp: 233199
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.7 8.6 12.8

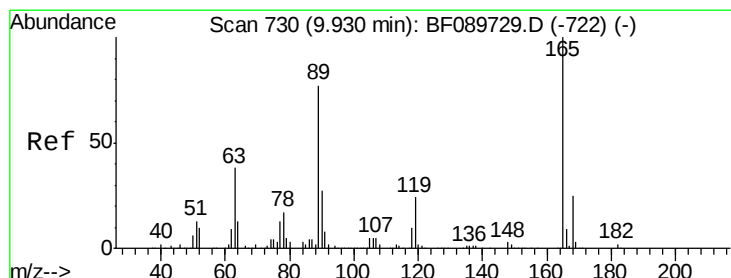
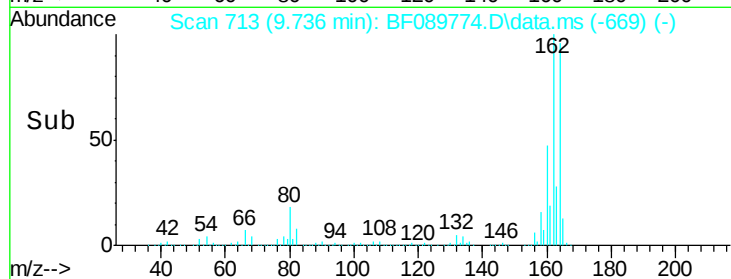
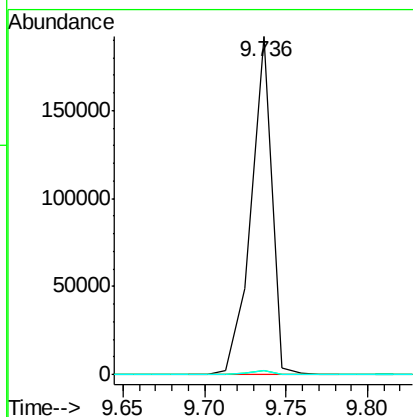
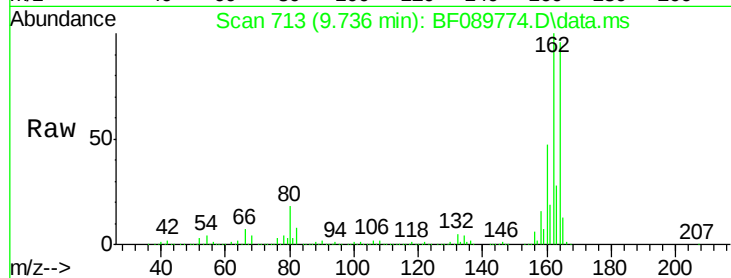




#50
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.736 min Scan# 71
Delta R.T. 0.206 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

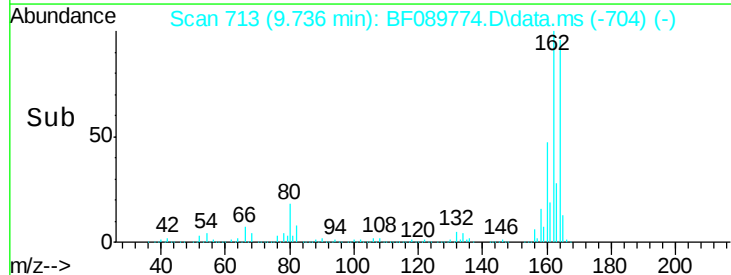
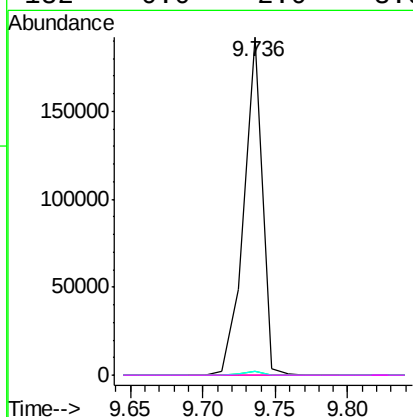
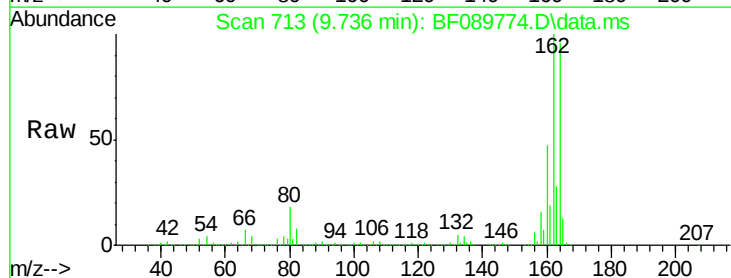
Instrument :
BNA_F
ClientSampleId :
MW-3-080416

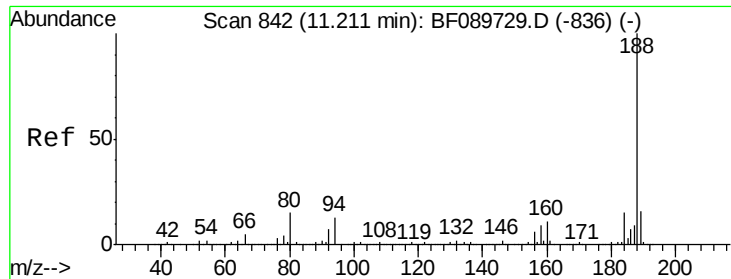
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.3	44.6	67.0#



#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.736 min Scan# 713
Delta R.T. -0.194 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.3	44.0	66.0#
182	0.0	2.0	3.0#

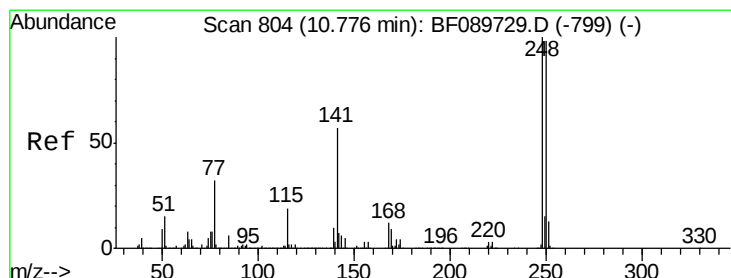
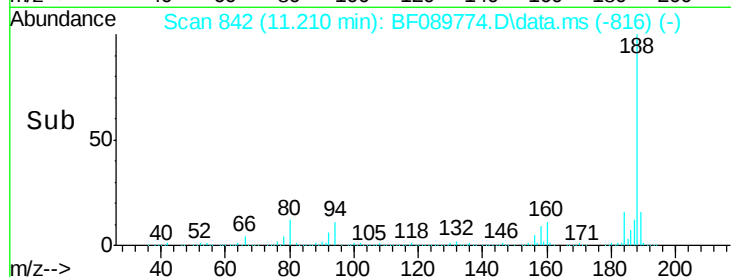
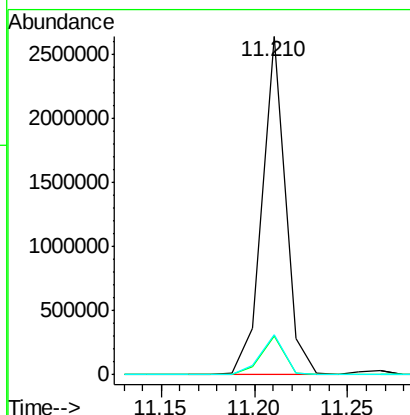
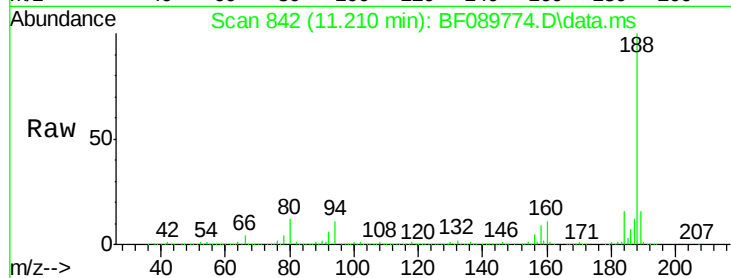




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

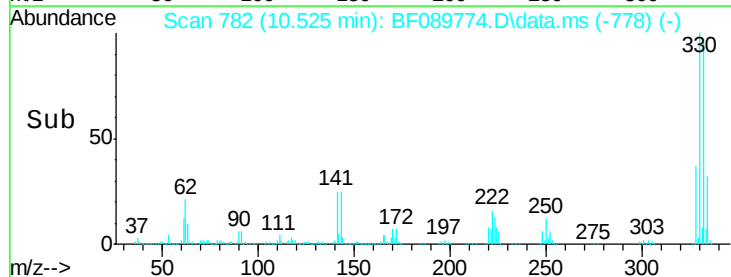
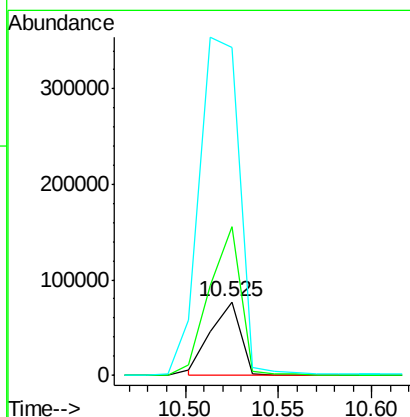
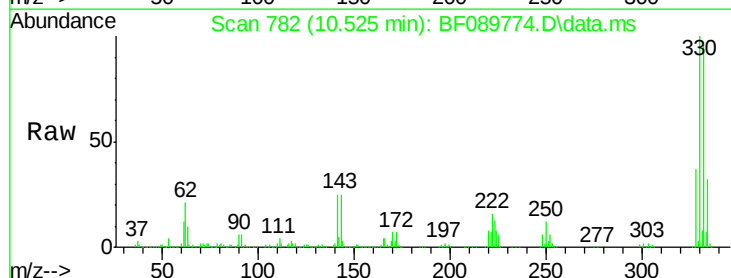
Instrument :
BNA_F
ClientSampleId :
MW-3-080416

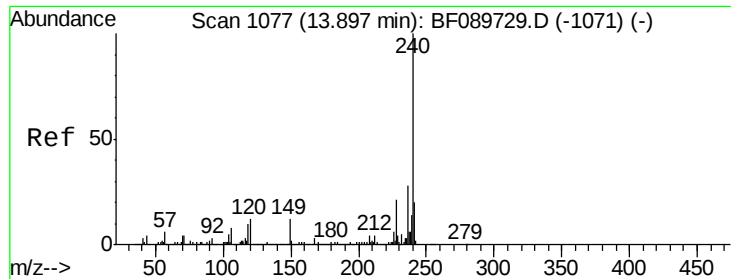
Tot Ion:188 Resp: 2267240
Ion Ratio Lower Upper
188 100
94 11.3 10.2 15.2
80 11.7 10.9 16.3



#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.525 min Scan# 782
Delta R.T. -0.252 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

Tgt Ion:248 Resp: 86045
Ion Ratio Lower Upper
248 100
250 203.4 78.6 117.8#
141 448.4 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.862 min Scan# 1077

Delta R.T. -0.034 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

Instrument :

BNA_F

ClientSampleId :

MW-3-080416

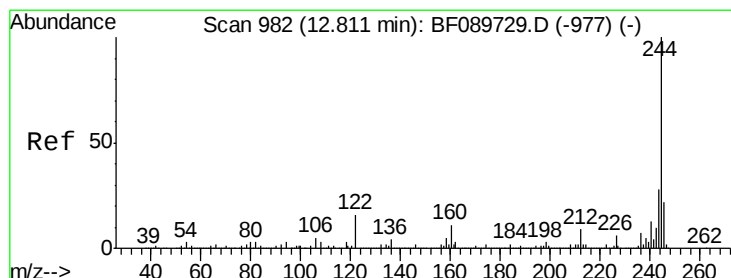
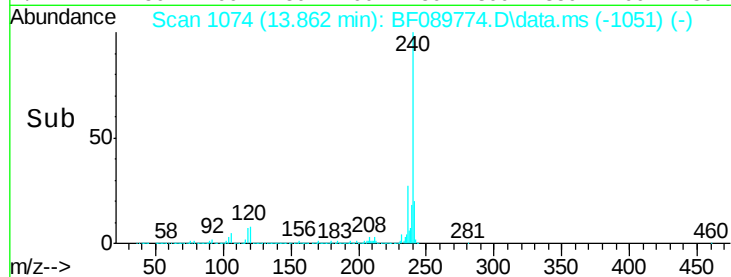
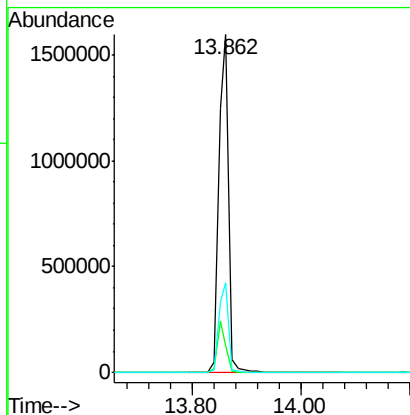
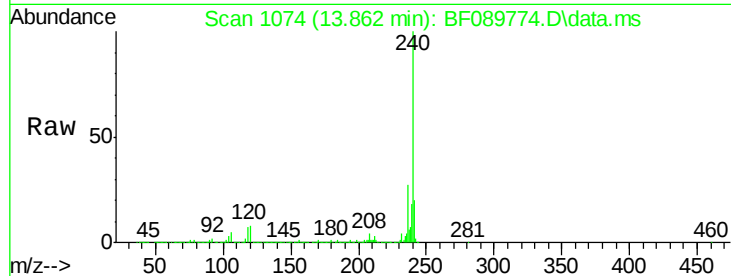
Tot Ion:240 Resp: 2065776

Ion Ratio Lower Upper

240 100

120 8.0 8.3 12.5#

236 26.6 21.3 31.9



#78

Terphenyl-d14

Concen: 80.21 ng

RT: 12.811 min Scan# 982

Delta R.T. 0.001 min

Lab File: BF089774.D

Acq: 17 Aug 2016 20:20

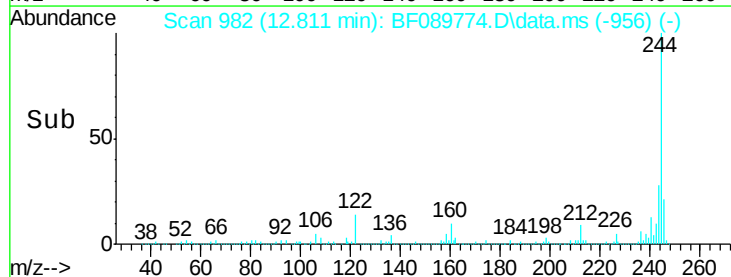
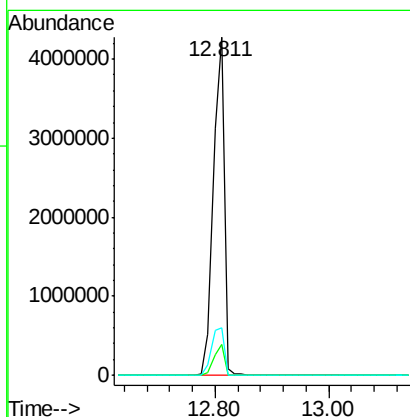
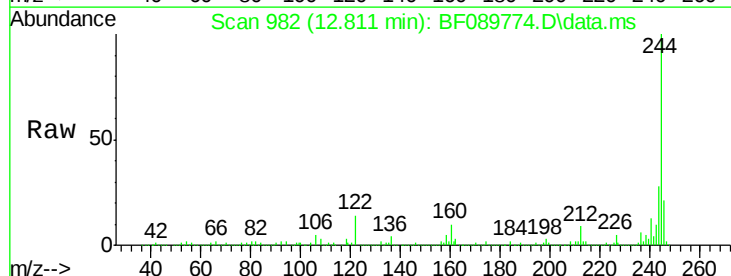
Tgt Ion:244 Resp: 5546095

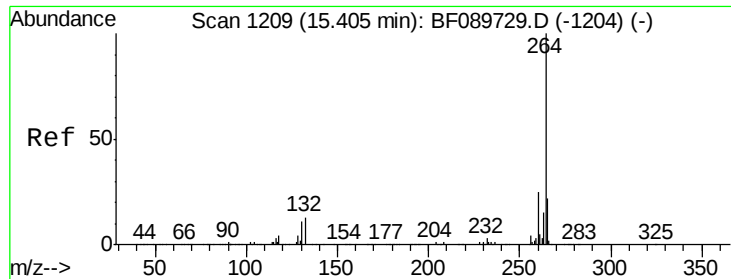
Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

122 14.0 12.0 18.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.314 min Scan# 12
Delta R.T. -0.092 min
Lab File: BF089774.D
Acq: 17 Aug 2016 20:20

Instrument :
BNA_F
ClientSampleId :
MW-3-080416

Tot Ion:264 Resp: 1799277

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	22.3	17.4	26.2

