

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089772.D
 Acq On : 17 Aug 2016 19:26
 Operator : UM/SJ
 Sample : H4383-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-080416

Quant Time: Aug 18 08:30:15 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)

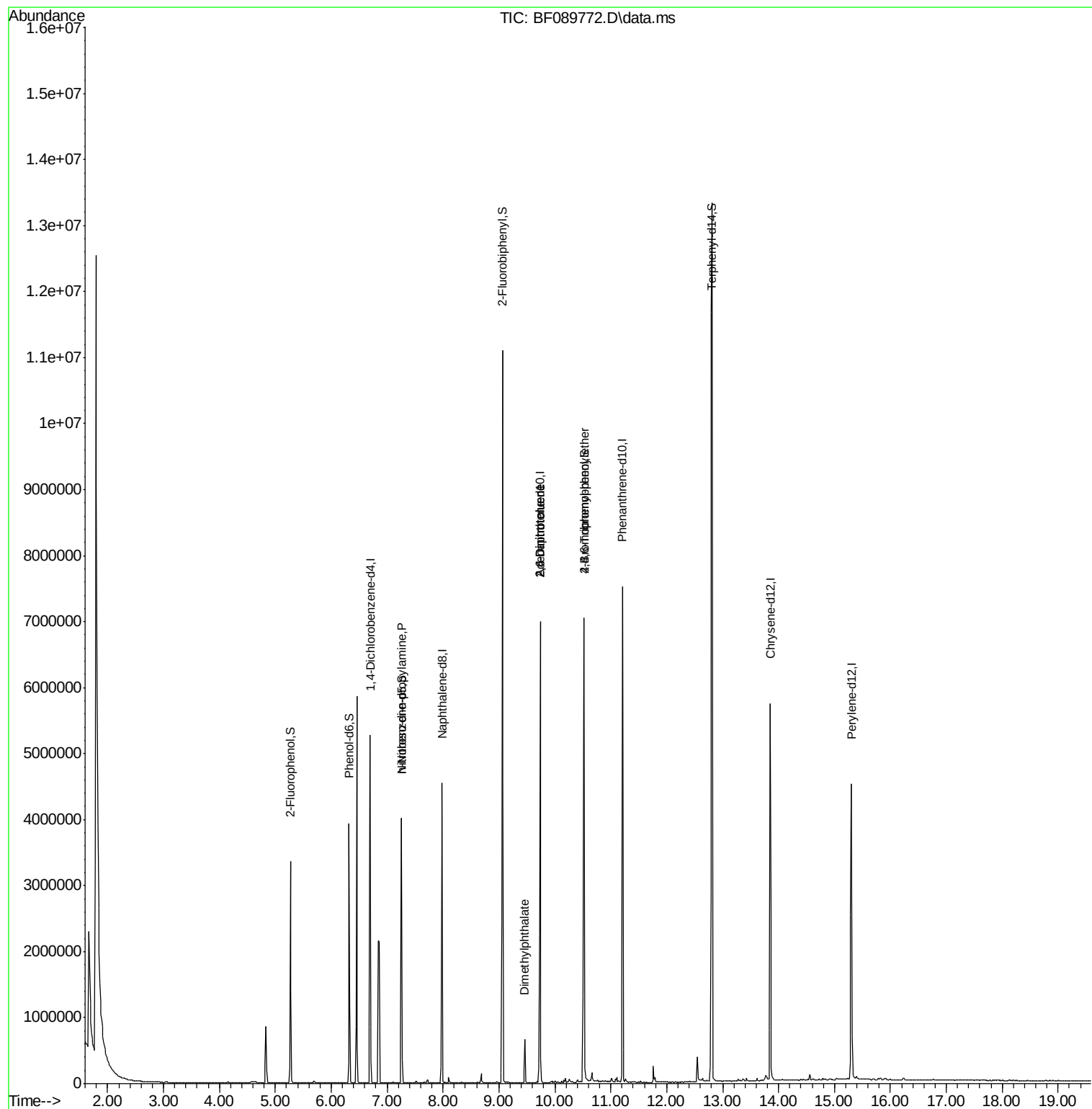
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	752012	20.00	ng	0.00
21) Naphthalene-d8	7.987	136	2956234	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1438760	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	2509880	20.00	ng	0.00
75) Chrysene-d12	13.851	240	2208246	20.00	ng	-0.05
86) Perylene-d12	15.302	264	2017023	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.267	112	1062030	23.56	ng	-0.01
7) Phenol-d6	6.319	99	1425768	24.87	ng	-0.01
23) Nitrobenzene-d5	7.256	82	1227076	25.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.525	330	1466362	105.35	ng	0.00
44) 2-Fluorobiphenyl	9.062	172	4281266	47.75	ng	-0.01
78) Terphenyl-d14	12.811	244	5845250	79.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.256	70	163382	4.35	ng	# 78
49) Dimethylphthalate	9.462	163	289977	2.79	ng	98
50) 2,6-Dinitrotoluene	9.736	165	190608	8.09	ng	# 26
56) 2,4-Dinitrotoluene	9.736	165	190618	6.29	ng	# 35
66) 4-Bromophenyl-phenylether	10.525	248	84445	3.25	ng	# 1

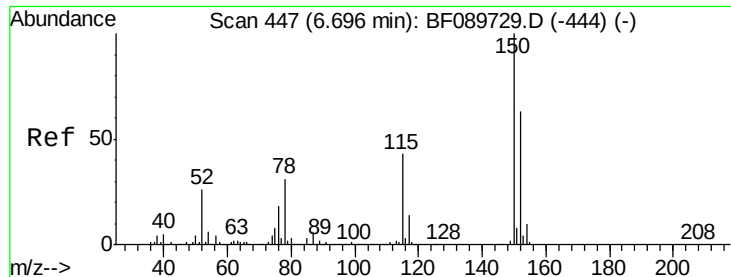
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
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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: BF089772.D

Acq: 17 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-080416

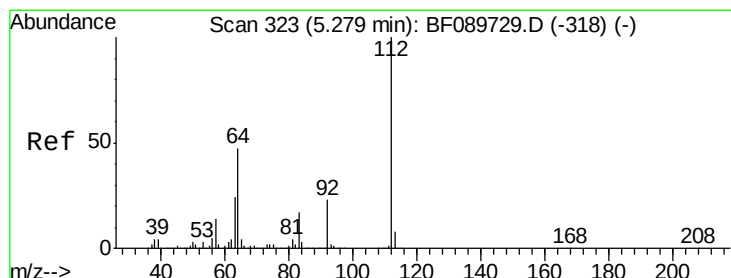
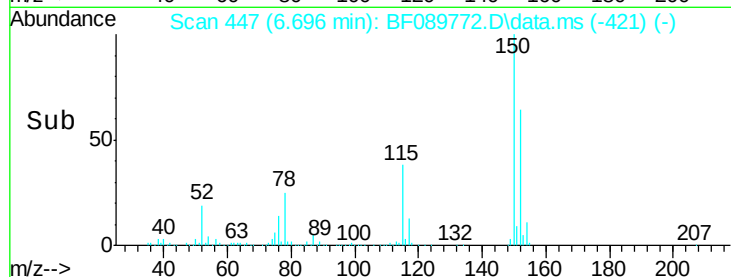
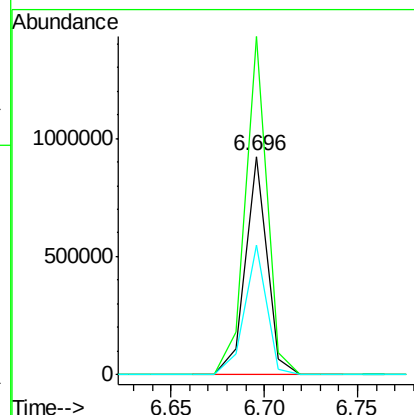
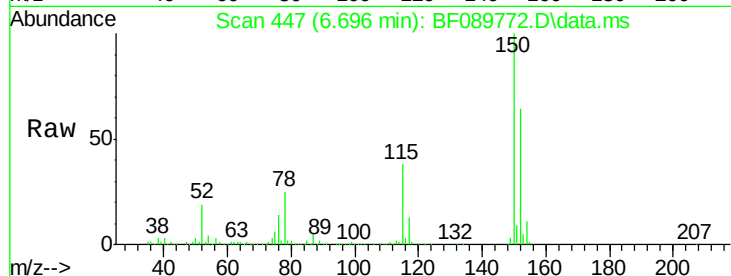
Tot Ion:152 Resp: 752012

Ion Ratio Lower Upper

152 100

150 155.2 125.3 187.9

115 59.6 40.9 61.3



#5

2-Fluorophenol

Concen: 23.56 ng

RT: 5.267 min Scan# 322

Delta R.T. -0.011 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

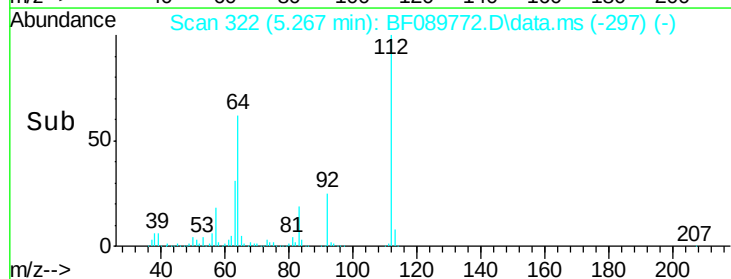
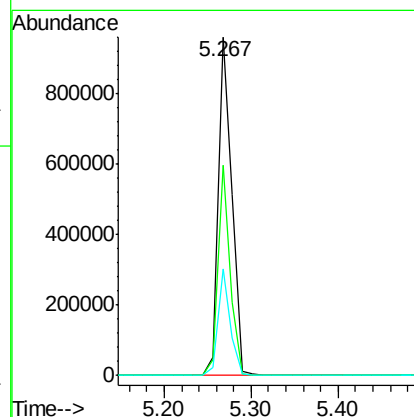
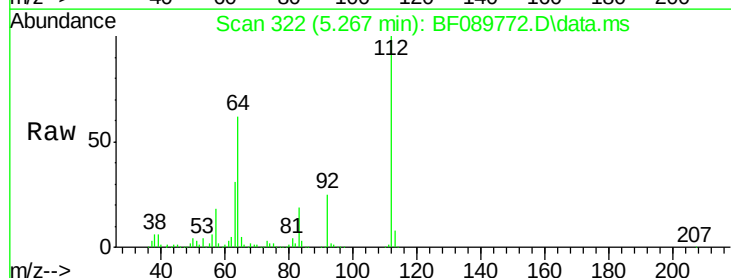
Tgt Ion:112 Resp: 1062030

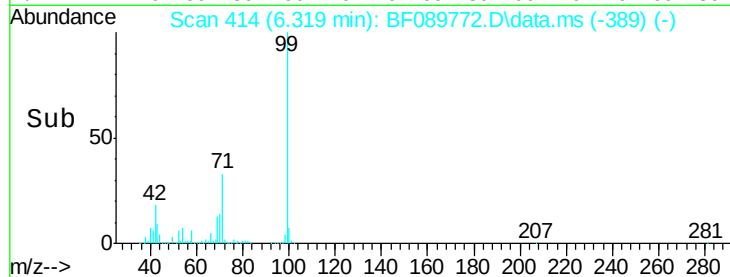
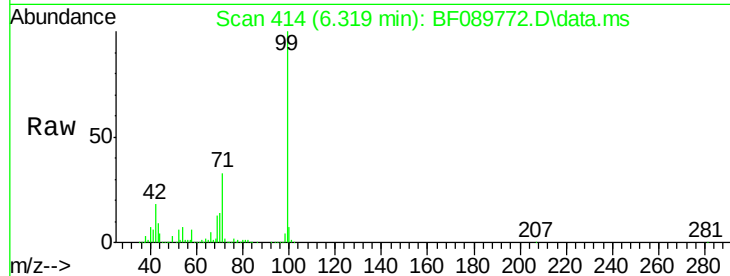
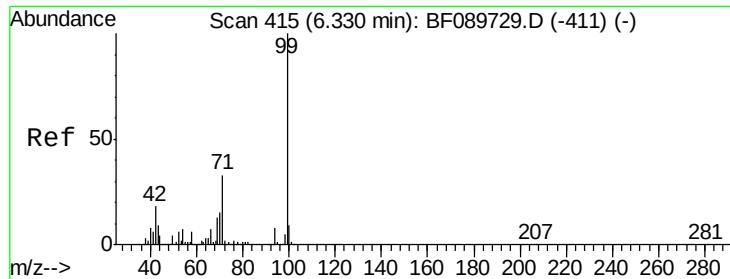
Ion Ratio Lower Upper

112 100

64 62.0 45.0 67.4

63 31.5 23.1 34.7





#7

Phenol-d6

Concen: 24.87 ng

RT: 6.319 min Scan# 41

Delta R.T. -0.011 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-080416

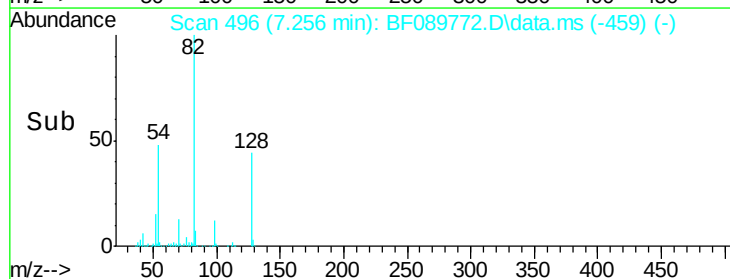
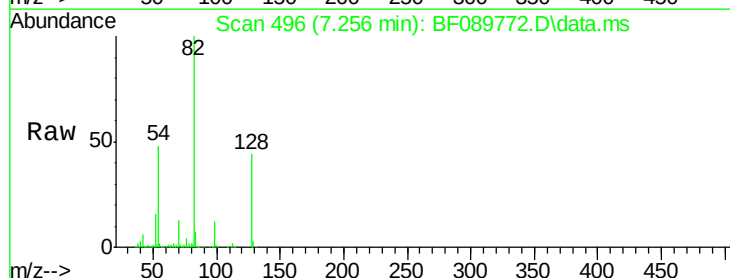
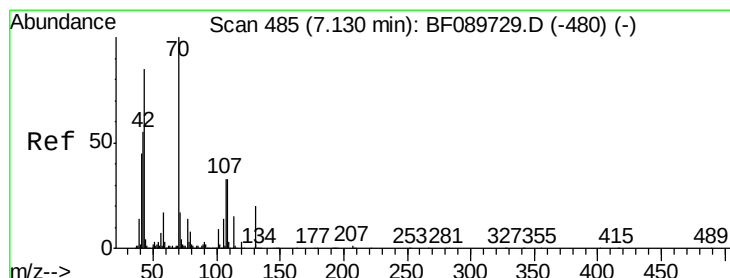
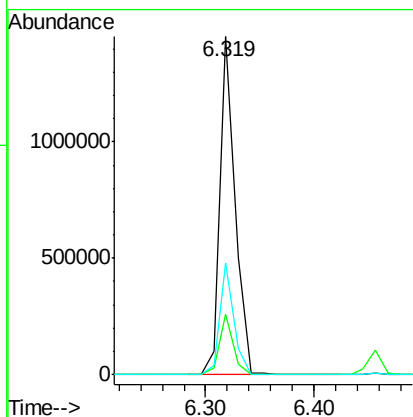
Tot Ion: 99 Resp: 1425768

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.4

71 32.9 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 4.35 ng

RT: 7.256 min Scan# 496

Delta R.T. 0.126 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

Tgt Ion: 70 Resp: 163382

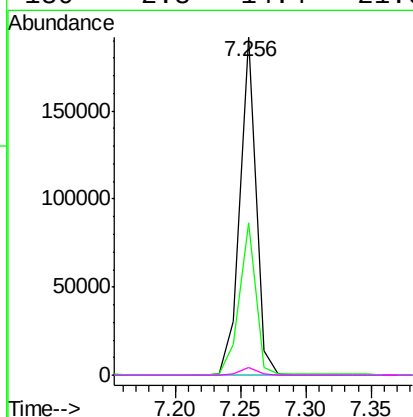
Ion Ratio Lower Upper

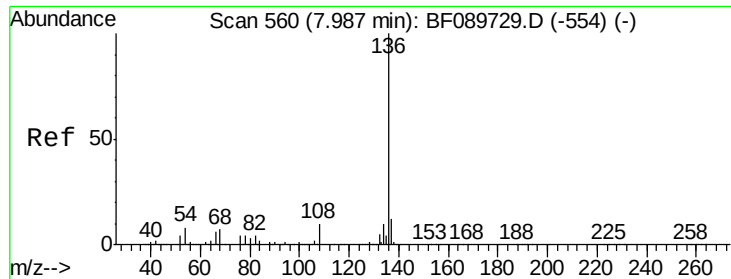
70 100

42 45.1 46.3 69.5#

101 0.0 7.0 10.6#

130 2.3 14.4 21.6#

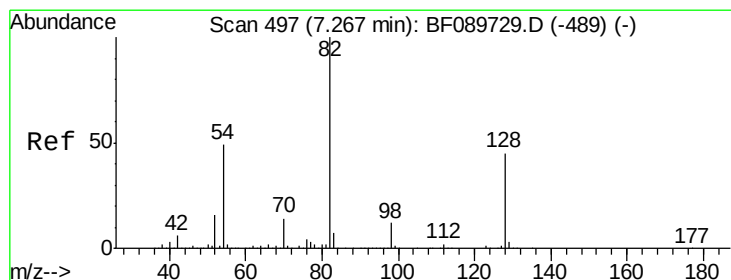
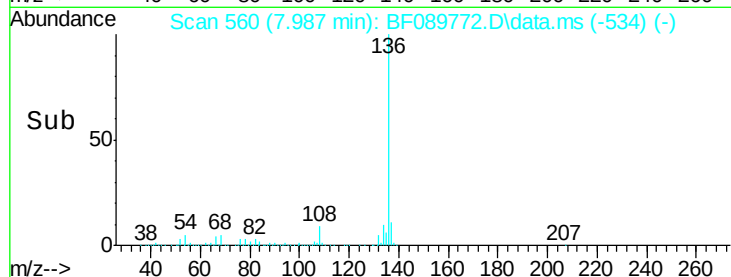
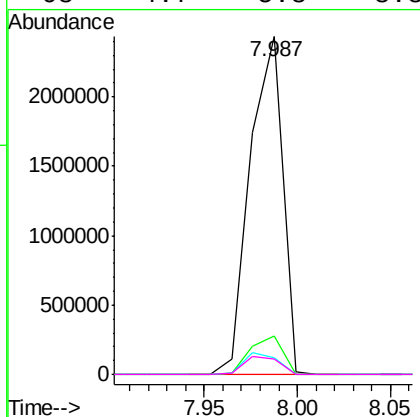
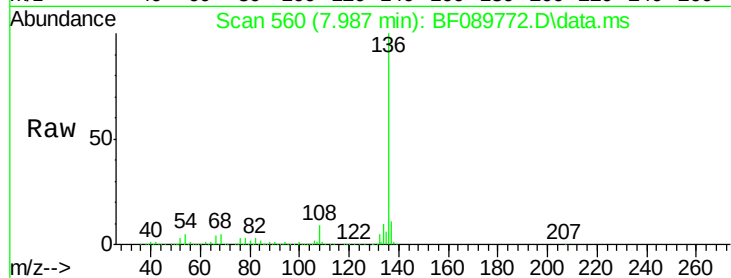




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.987 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF089772.D
Acq: 17 Aug 2016 19:26

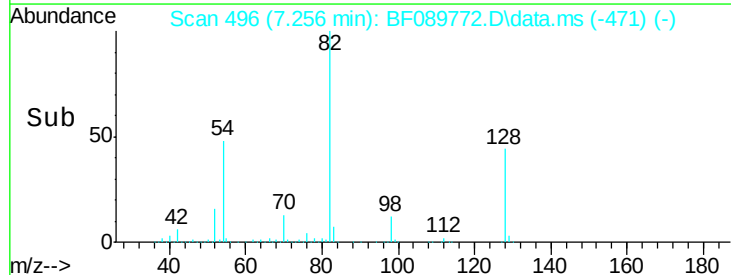
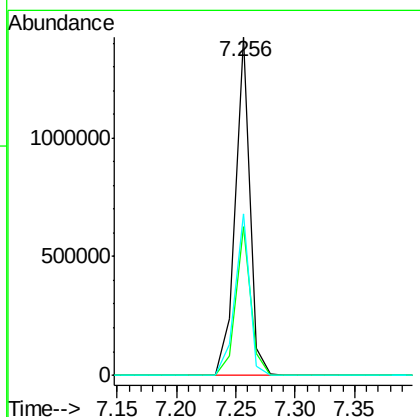
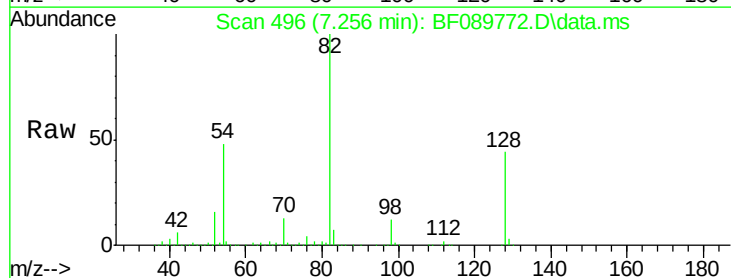
Instrument :
BNA_F
ClientSampleId :
MW-1-080416

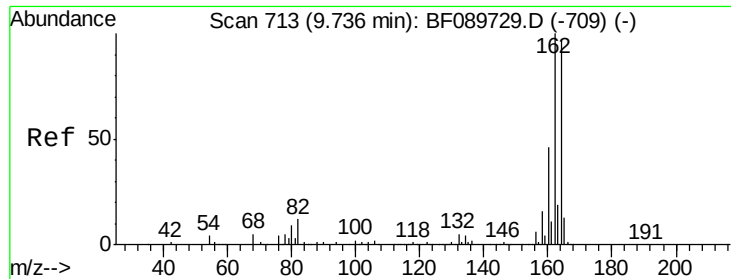
Tot Ion:136	Resp: 2956234
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 4.8	7.2 10.8#
68 4.7	5.8 8.8#



#23
Nitrobenzene-d5
Concen: 25.35 ng
RT: 7.256 min Scan# 496
Delta R.T. -0.011 min
Lab File: BF089772.D
Acq: 17 Aug 2016 19:26

Tgt	Ion: 82	Resp: 1227076	
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.4	51.6
54	47.6	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: BF089772.D

Acq: 17 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-080416

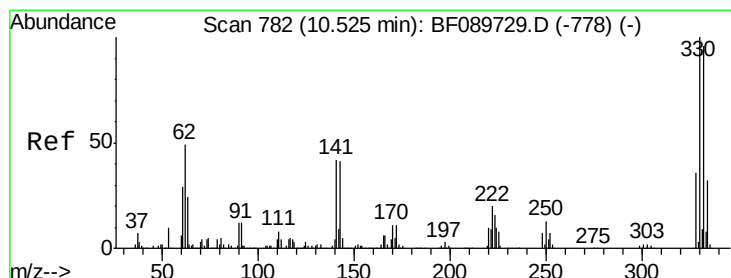
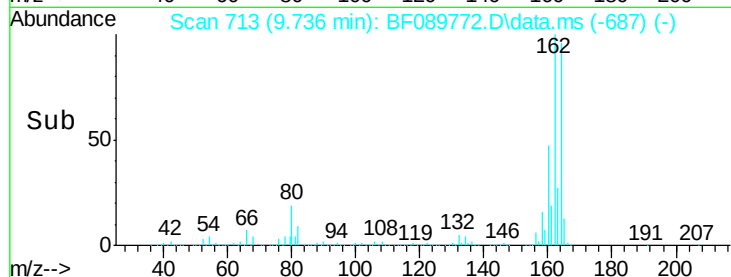
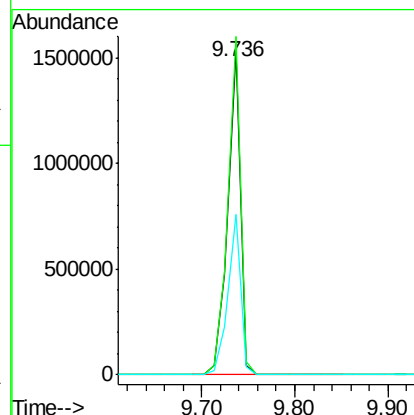
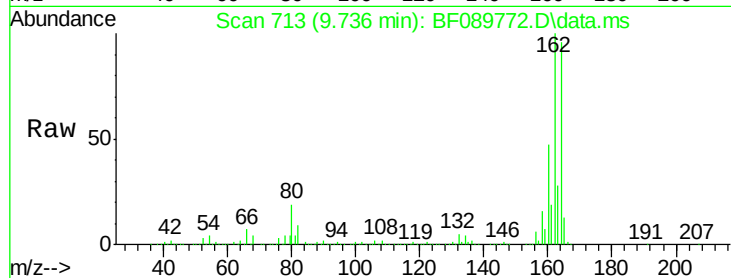
Tot Ion:164 Resp: 1438760

Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.2

160 49.4 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 105.35 ng

RT: 10.525 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

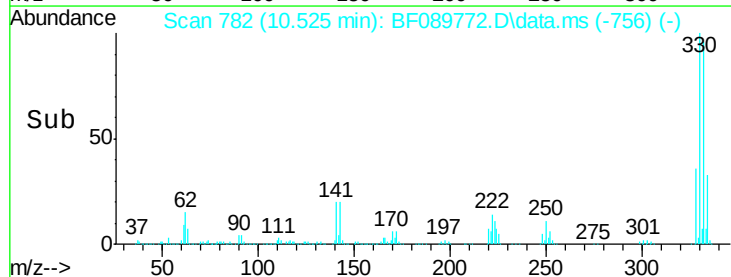
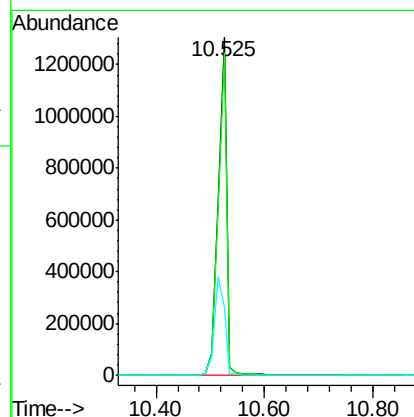
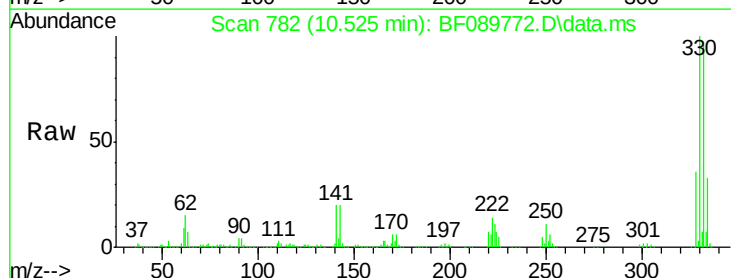
Tgt Ion:330 Resp: 1466362

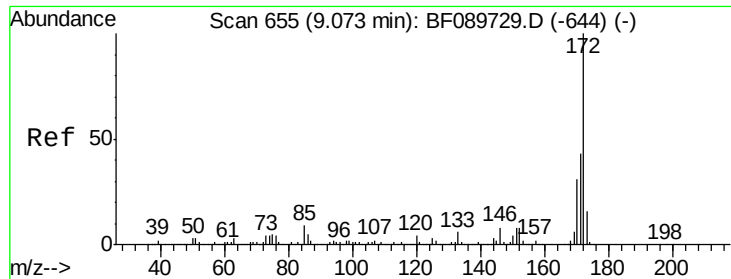
Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 34.8 30.2 45.2

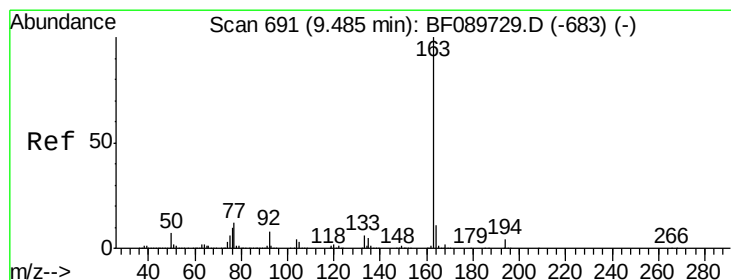
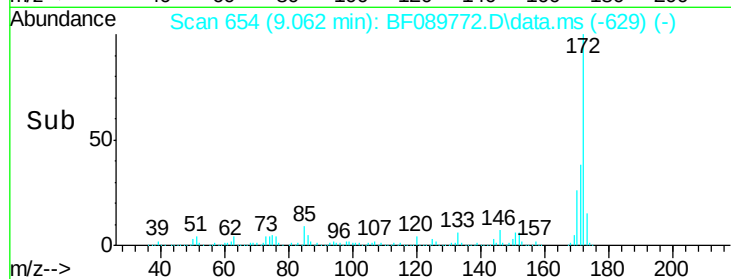
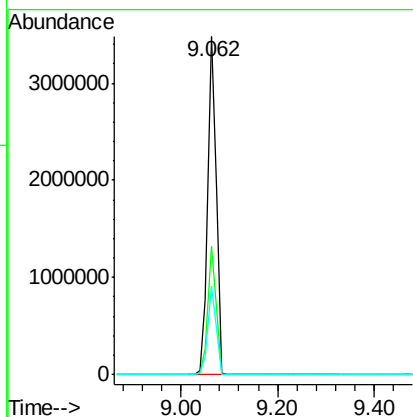
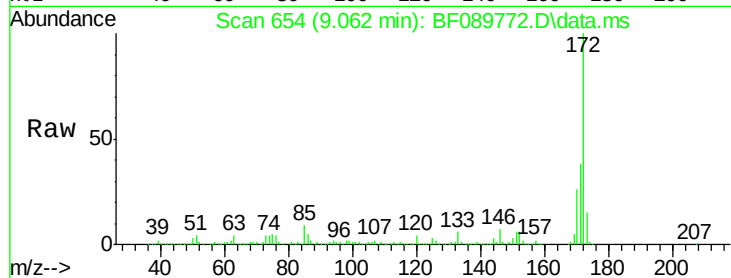




#44
2-Fluorobiphenyl
Concen: 47.75 ng
RT: 9.062 min Scan# 65
Delta R.T. -0.011 min
Lab File: BF089772.D
Acq: 17 Aug 2016 19:26

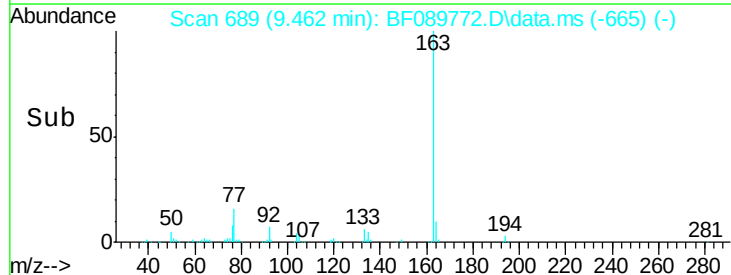
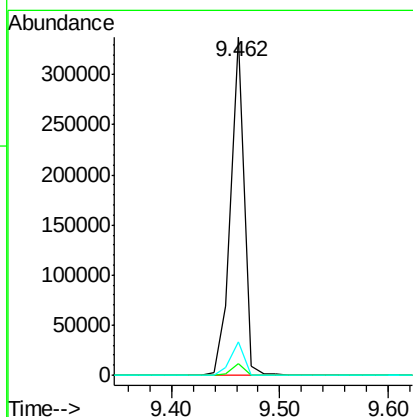
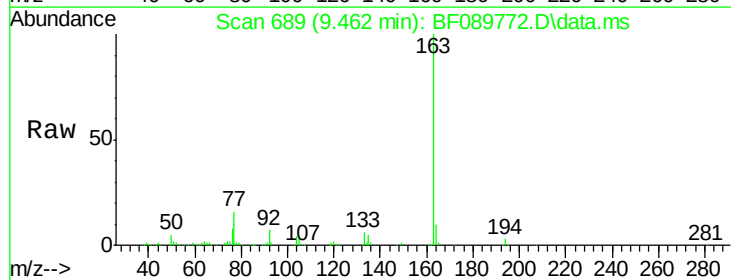
Instrument :
BNA_F
ClientSampleId :
MW-1-080416

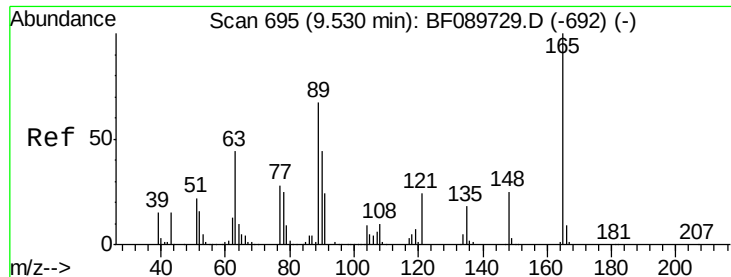
Tot Ion:172 Resp: 4281266
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 26.2 20.6 31.0



#49
Dimethylphthalate
Concen: 2.79 ng
RT: 9.462 min Scan# 689
Delta R.T. -0.023 min
Lab File: BF089772.D
Acq: 17 Aug 2016 19:26

Tgt Ion:163 Resp: 289977
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.9 8.6 12.8

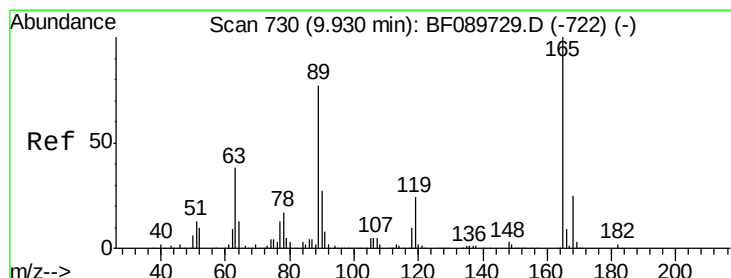
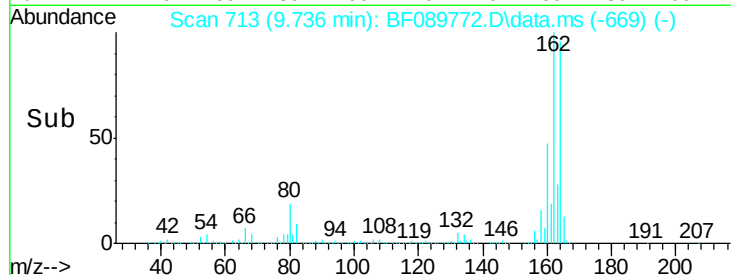
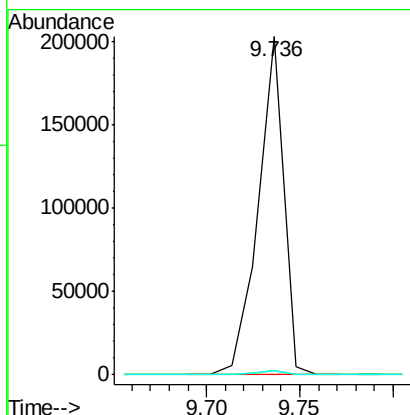
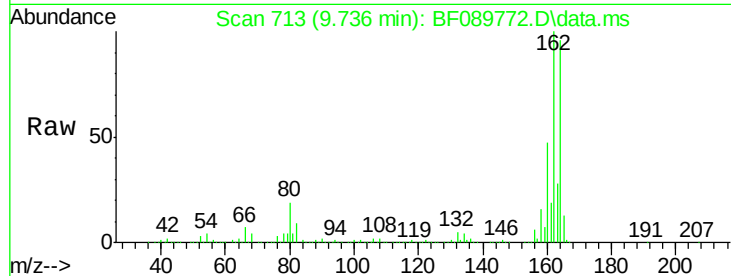




#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.736 min Scan# 71
 Delta R.T. 0.206 min
 Lab File: BF089772.D
 Acq: 17 Aug 2016 19:26

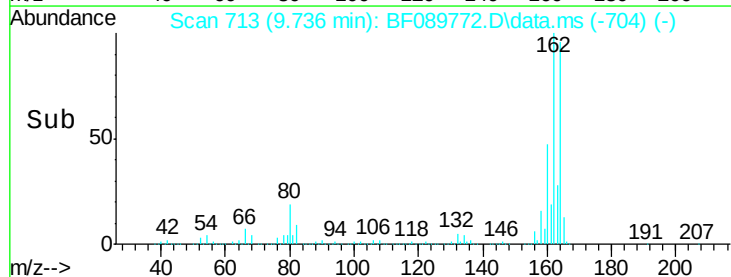
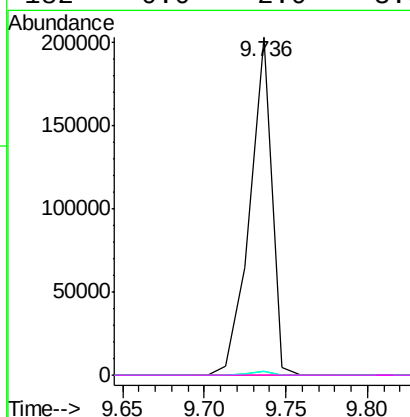
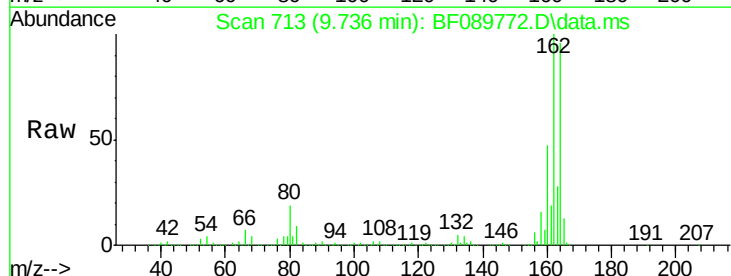
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-080416

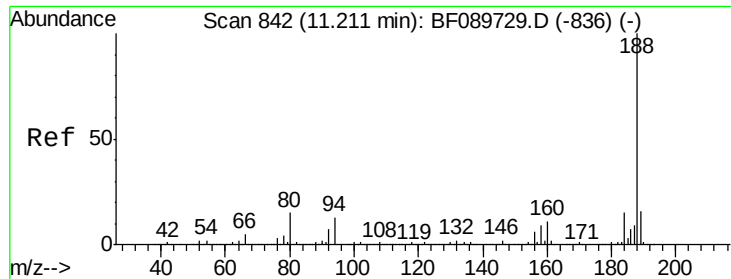
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.7	62.5#
89	1.3	44.6	67.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.736 min Scan# 713
 Delta R.T. -0.194 min
 Lab File: BF089772.D
 Acq: 17 Aug 2016 19:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	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: 11.211 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-080416

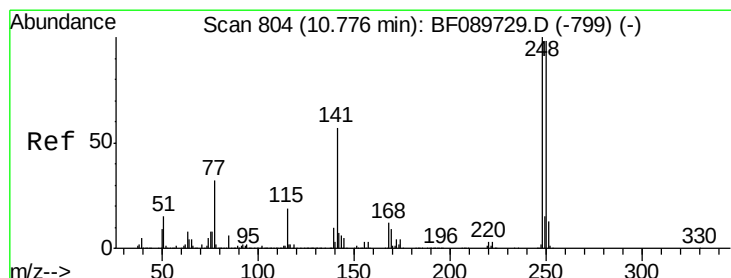
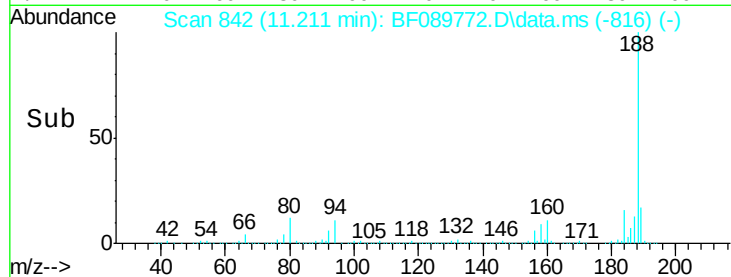
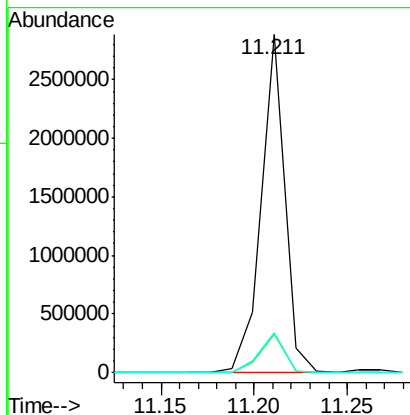
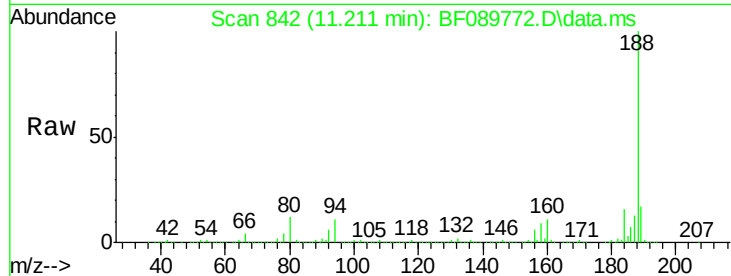
Tot Ion:188 Resp: 2509880

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

80 11.7 10.9 16.3



#66

4-Bromophenyl-phenylether

Concen: 3.25 ng

RT: 10.525 min Scan# 782

Delta R.T. -0.251 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

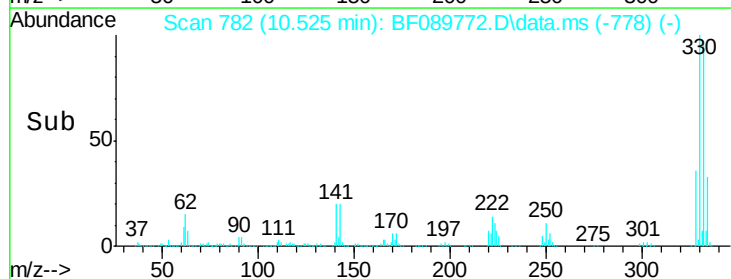
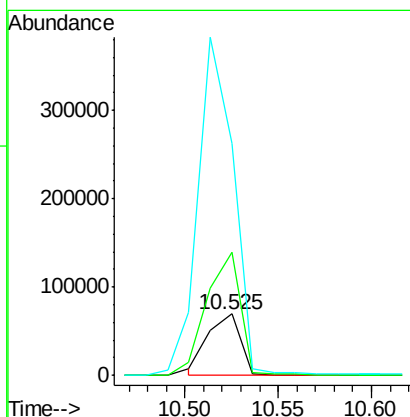
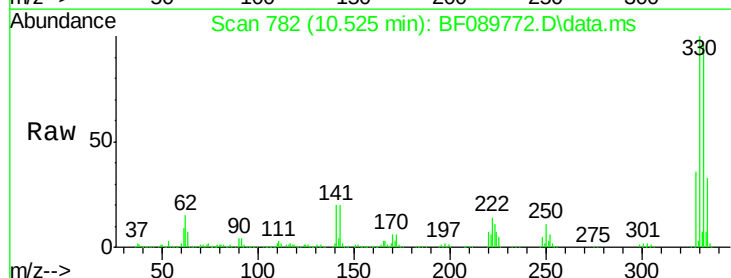
Tgt Ion:248 Resp: 84445

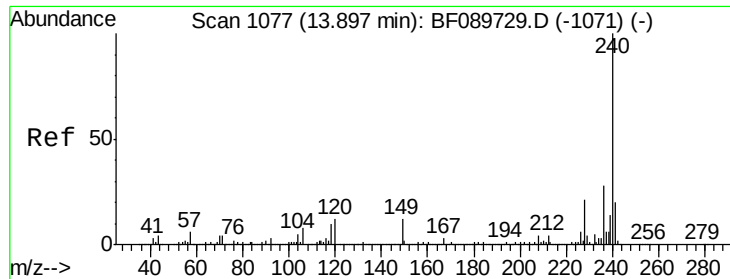
Ion Ratio Lower Upper

248 100

250 201.4 78.6 117.8#

141 377.5 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.851 min Scan# 1077

Delta R.T. -0.046 min

Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

Instrument :

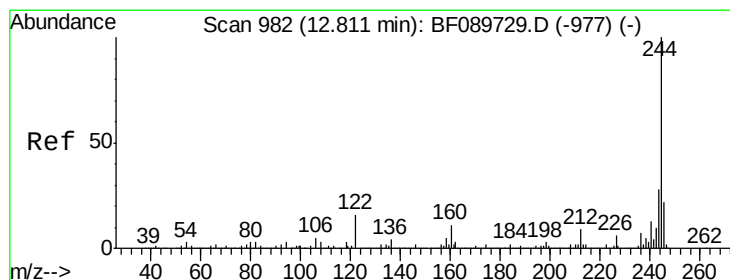
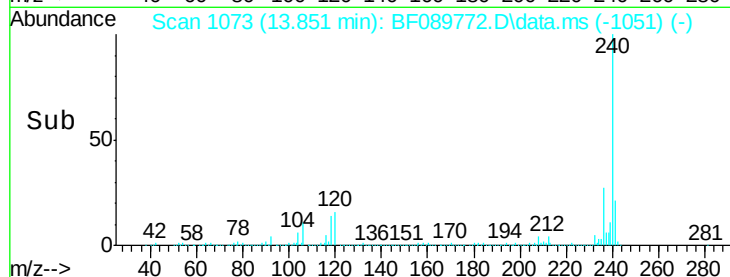
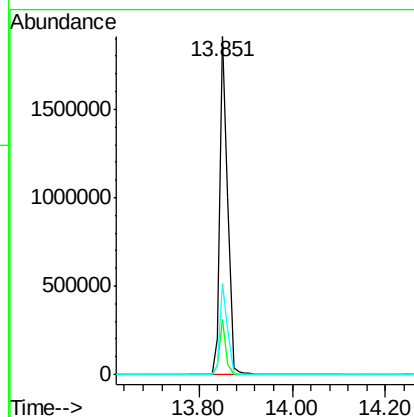
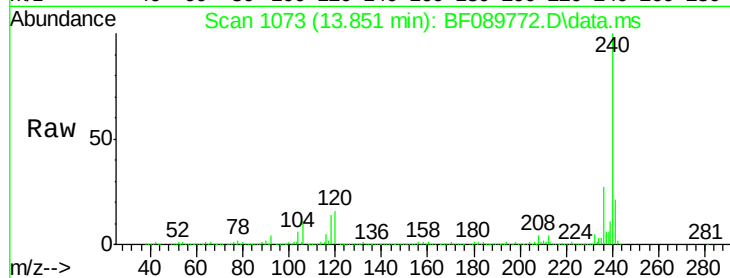
BNA_F

ClientSampleId :

MW-1-080416

Tot Ion:240 Resp: 2208246

Ion	Ratio	Lower	Upper
240	100		
120	16.5	8.3	12.5#
236	27.1	21.3	31.9



#78

Terphenyl-d14

Concen: 79.08 ng

RT: 12.811 min Scan# 982

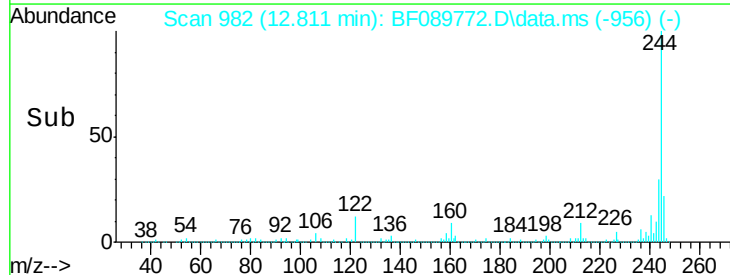
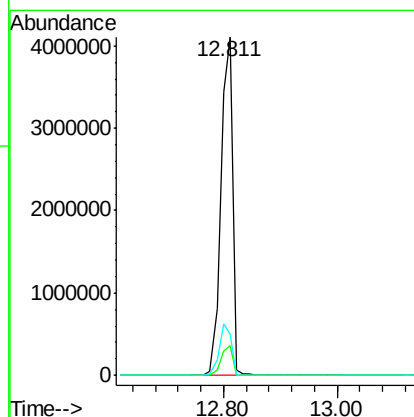
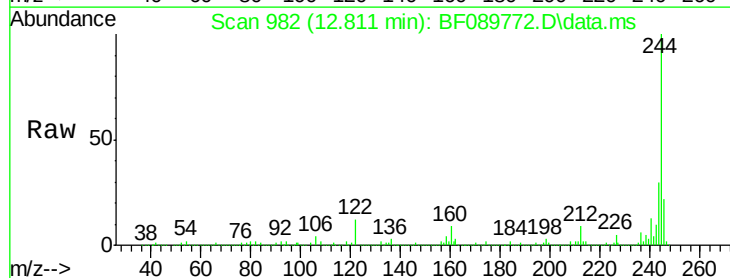
Delta R.T. 0.001 min

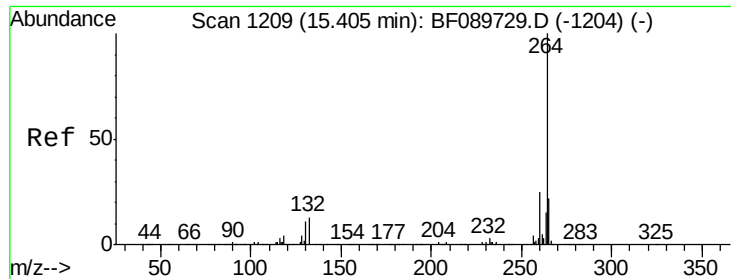
Lab File: BF089772.D

Acq: 17 Aug 2016 19:26

Tgt Ion:244 Resp: 5845250

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.3	9.5
122	12.3	12.0	18.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.302 min Scan# 12
Delta R.T. -0.103 min
Lab File: BF089772.D
Acq: 17 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-1-080416

Tot Ion:264 Resp: 2017023

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	22.3	17.4	26.2

