

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089775.D
 Acq On : 17 Aug 2016 20:46
 Operator : UM/SJ
 Sample : H4383-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

Quant Time: Aug 18 08:31:34 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)

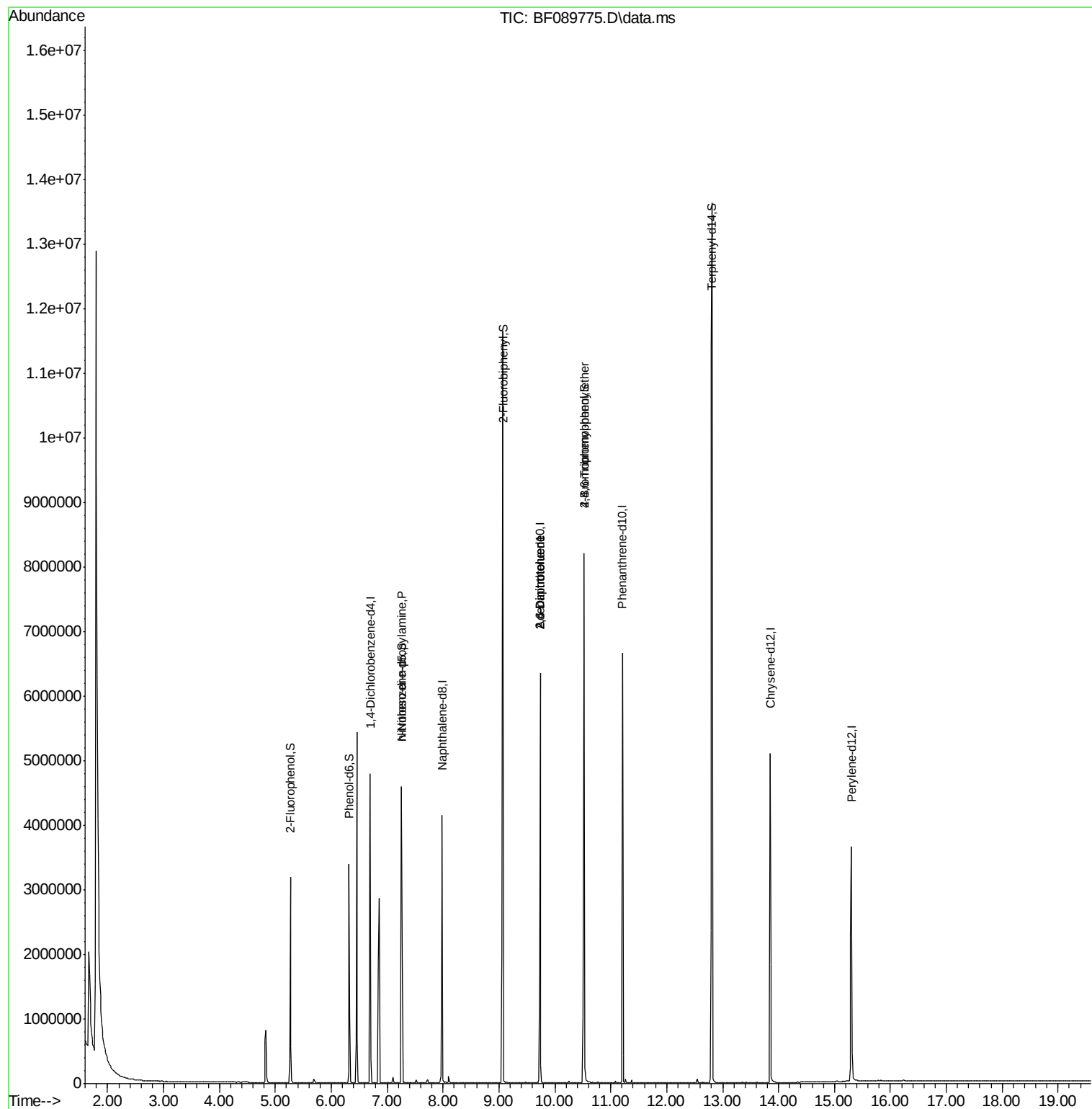
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	657026	20.00	ng	0.00
21) Naphthalene-d8	7.987	136	2523635	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1242872	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	2195704	20.00	ng	0.00
75) Chrysene-d12	13.851	240	1857103	20.00	ng	-0.05
86) Perylene-d12	15.302	264	1696523	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.267	112	871183	22.12	ng	-0.01
7) Phenol-d6	6.319	99	1214694	24.25	ng	-0.01
23) Nitrobenzene-d5	7.256	82	1706042	41.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.525	330	1457139	121.19	ng	0.00
44) 2-Fluorobiphenyl	9.073	172	5446814	70.32	ng	0.00
78) Terphenyl-d14	12.811	244	5663742	91.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.256	70	225711	6.88	ng	# 78
50) 2,6-Dinitrotoluene	9.736	165	163361	8.03	ng	# 26
56) 2,4-Dinitrotoluene	9.736	165	163370	6.24	ng	# 35
66) 4-Bromophenyl-phenylether	10.525	248	89060	3.92	ng	# 1

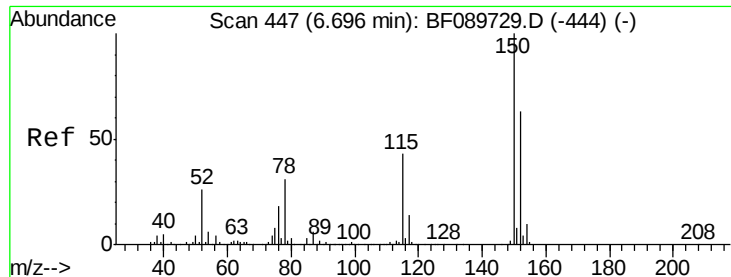
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089775.D
Acq On : 17 Aug 2016 20:46
Operator : UM/SJ
Sample : H4383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-080416

Quant Time: Aug 18 08:31:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. -0.000 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

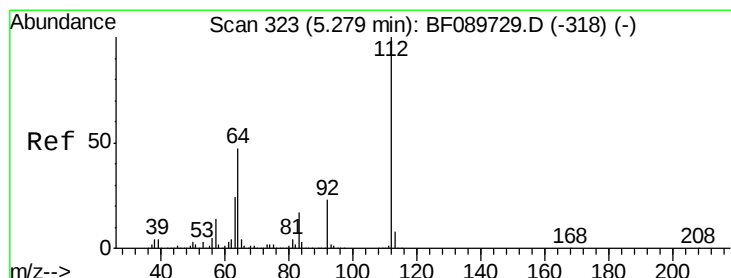
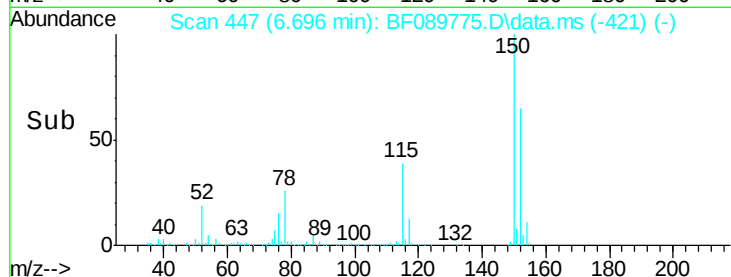
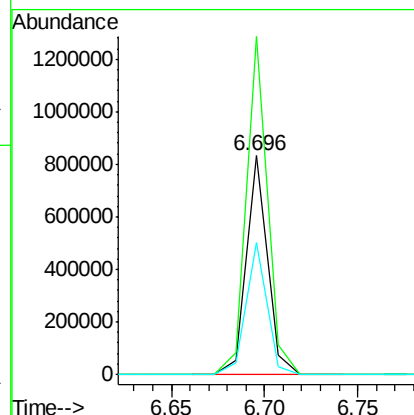
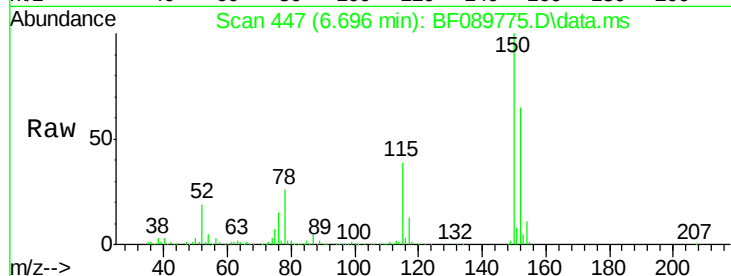
Tot Ion:152 Resp: 657026

Ion Ratio Lower Upper

152 100

150 154.7 125.3 187.9

115 60.6 40.9 61.3



#5

2-Fluorophenol

Concen: 22.12 ng

RT: 5.267 min Scan# 322

Delta R.T. -0.011 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

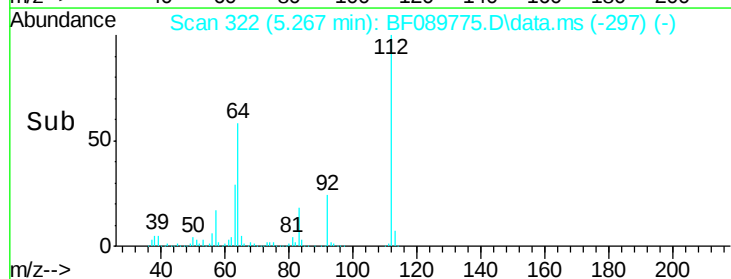
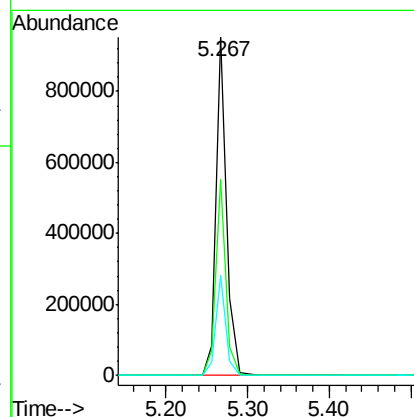
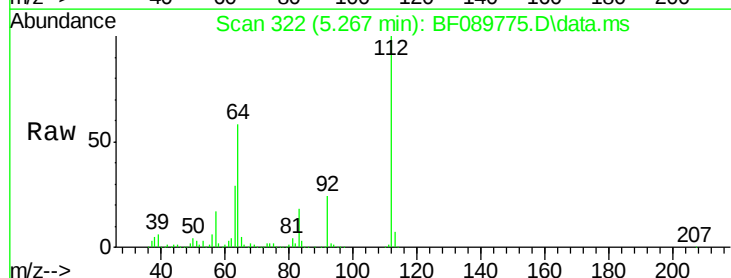
Tgt Ion:112 Resp: 871183

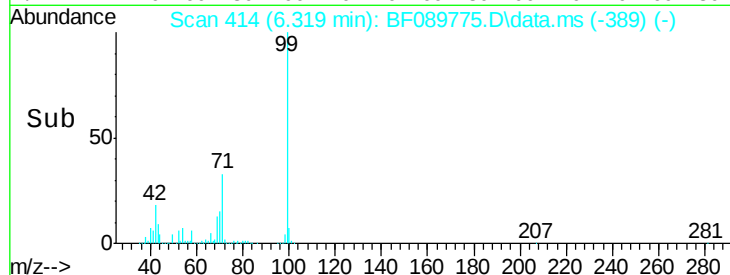
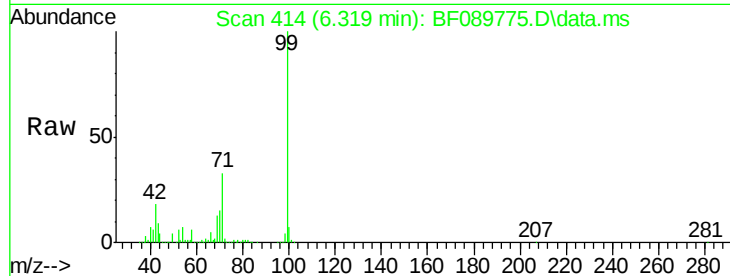
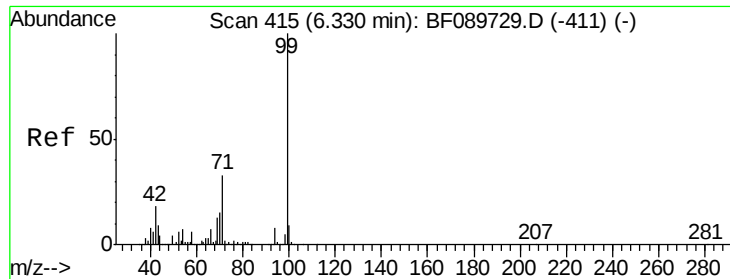
Ion Ratio Lower Upper

112 100

64 57.9 45.0 67.4

63 29.4 23.1 34.7





#7

Phenol-d6

Concen: 24.25 ng

RT: 6.319 min Scan# 41

Delta R.T. -0.011 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

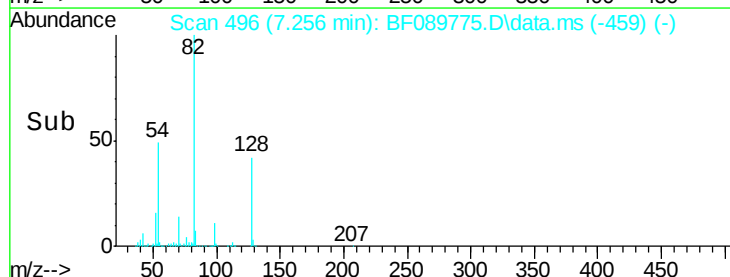
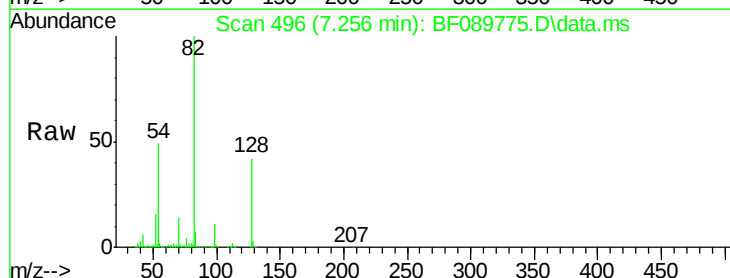
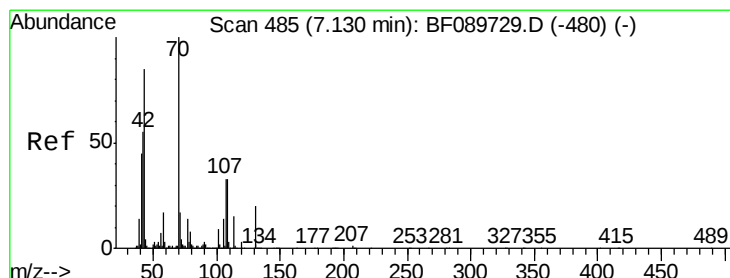
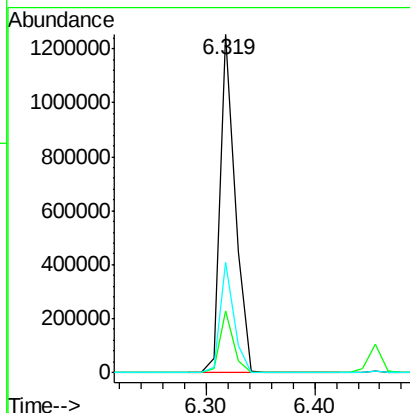
Tot Ion: 99 Resp: 1214694

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.4

71 32.5 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 6.88 ng

RT: 7.256 min Scan# 496

Delta R.T. 0.126 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Tgt Ion: 70 Resp: 225711

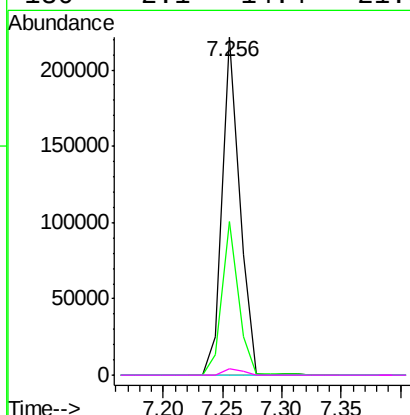
Ion Ratio Lower Upper

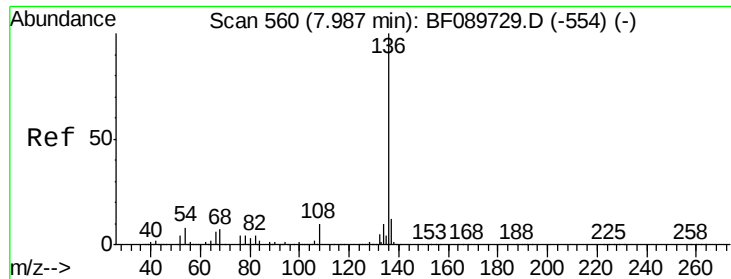
70 100

42 45.6 46.3 69.5#

101 0.0 7.0 10.6#

130 2.1 14.4 21.6#

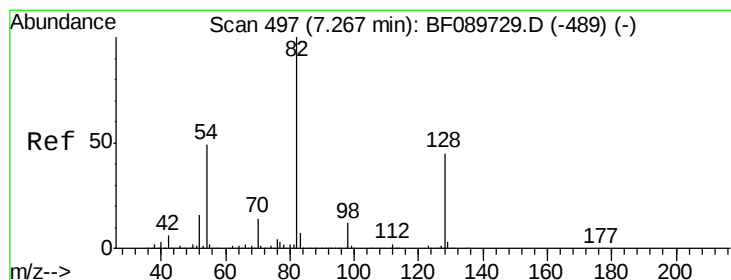
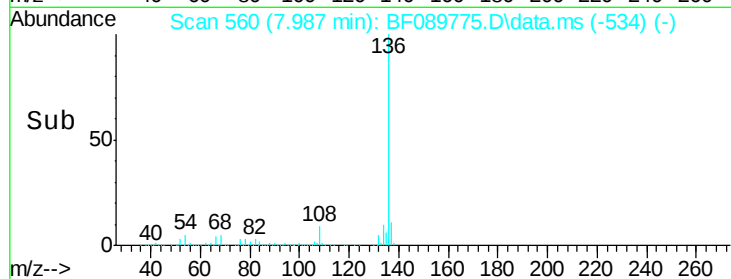
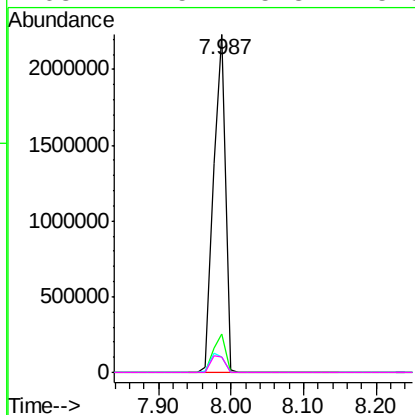
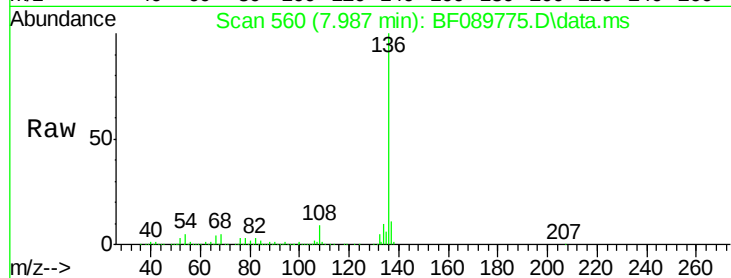




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.987 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

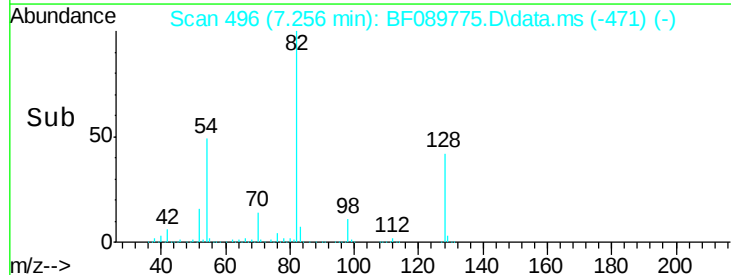
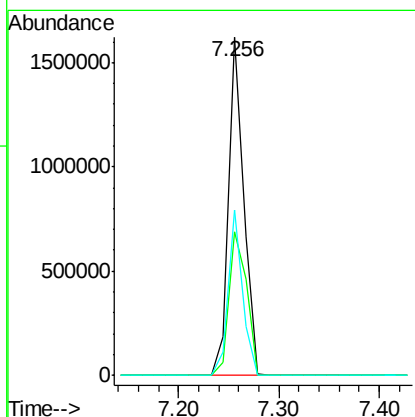
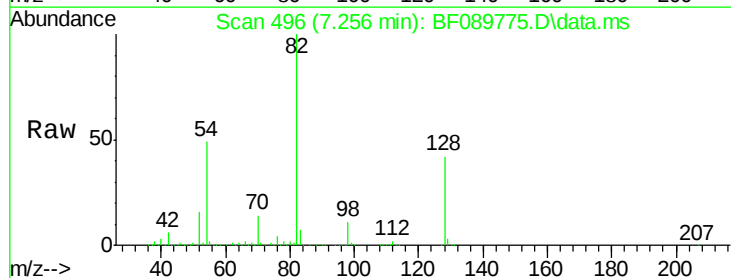
Instrument :
BNA_F
ClientSampleId :
FB-080416

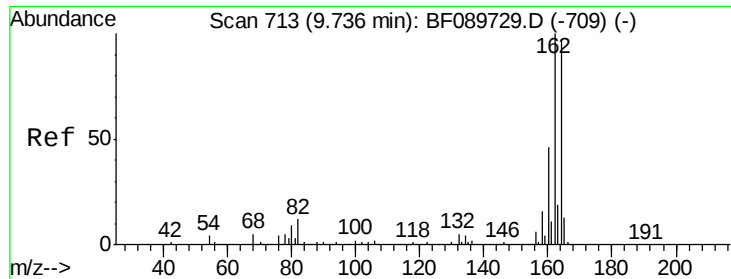
Tot Ion:	136	Resp:	2523635
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.8	7.2	10.8#
68	4.5	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 41.28 ng
RT: 7.256 min Scan# 496
Delta R.T. -0.011 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

Tgt Ion:	82	Resp:	1706042
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.4	51.6
54	49.0	40.3	60.5

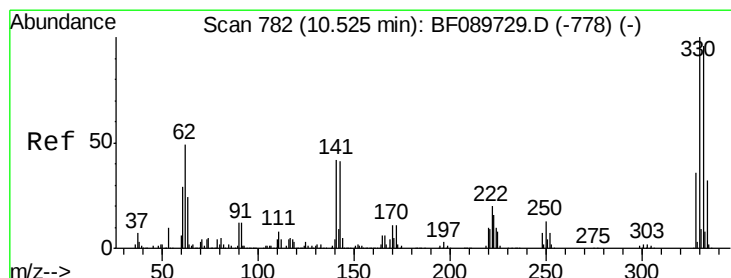
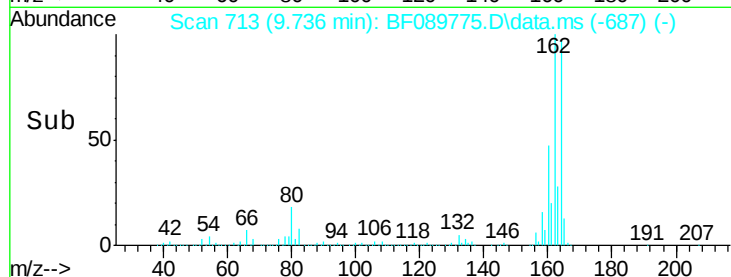
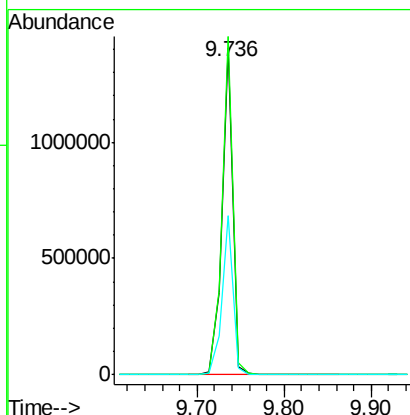
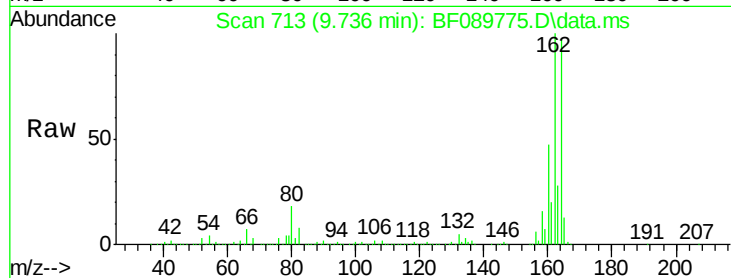




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.736 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

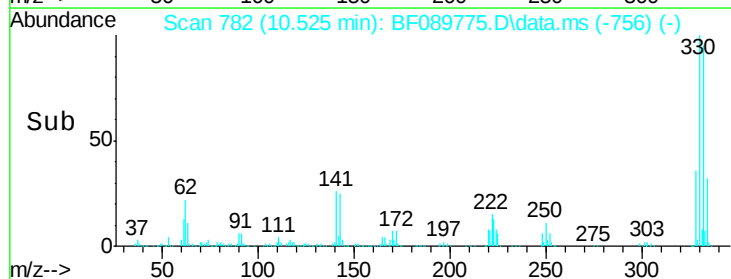
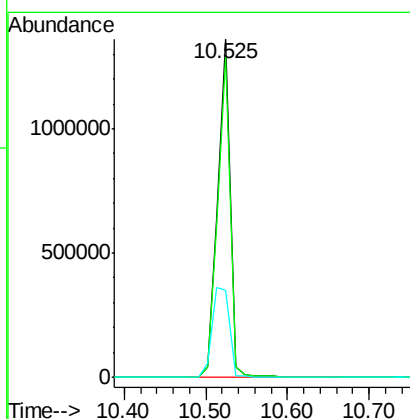
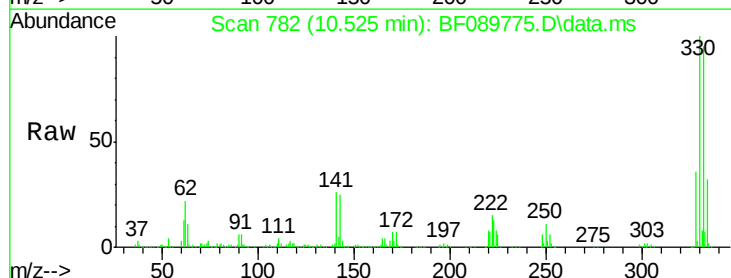
Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

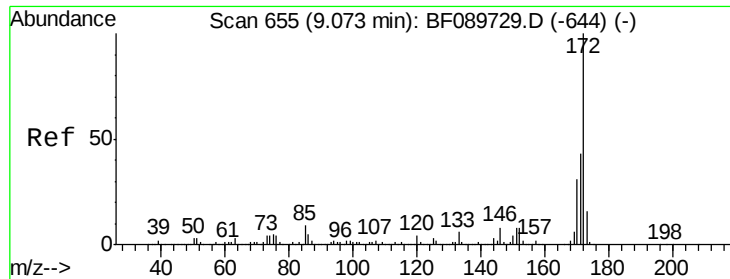
Tot Ion:164 Resp: 1242872
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 48.6 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 121.19 ng
 RT: 10.525 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

Tgt Ion:330 Resp: 1457139
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 37.2 30.2 45.2

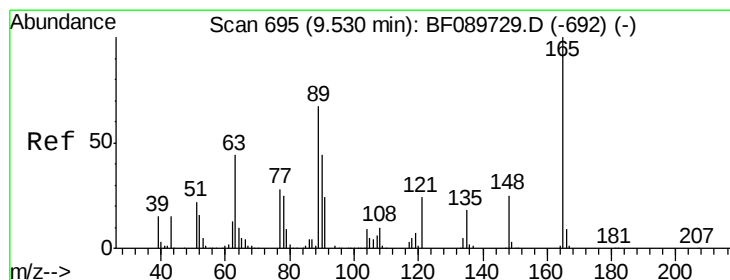
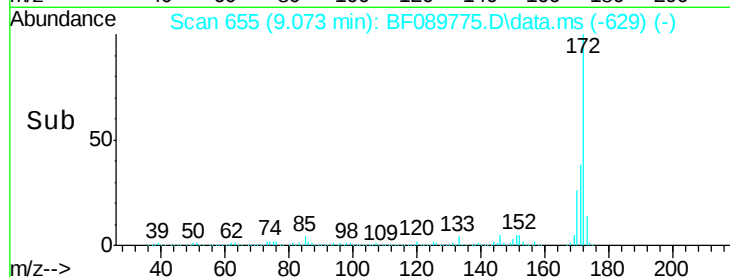
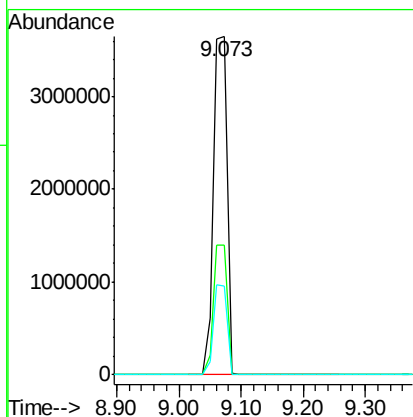
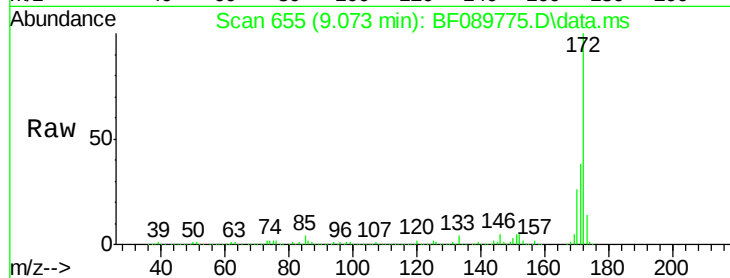




#44
2-Fluorobiphenyl
Concen: 70.32 ng
RT: 9.073 min Scan# 65
Delta R.T. 0.000 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

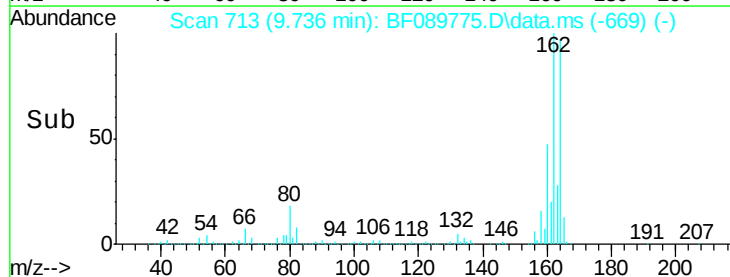
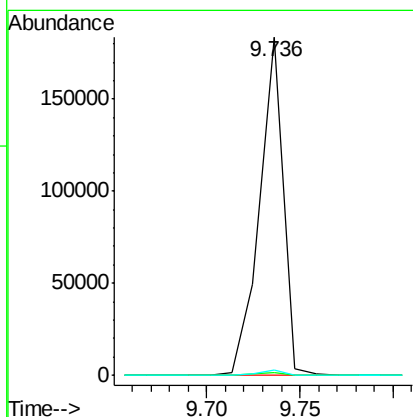
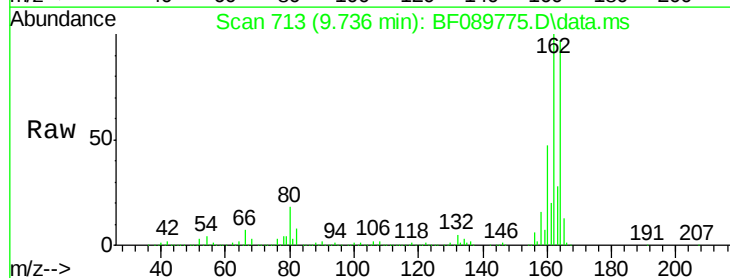
Instrument :
BNA_F
ClientSampleId :
FB-080416

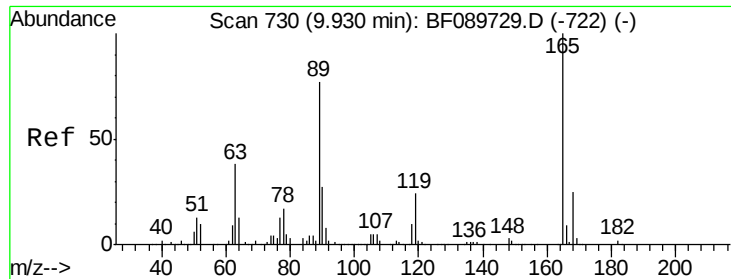
Tot Ion:172 Resp: 5446814
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 26.2 20.6 31.0



#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.736 min Scan# 713
Delta R.T. 0.206 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

Tgt Ion:165 Resp: 163361
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.4 44.6 67.0#

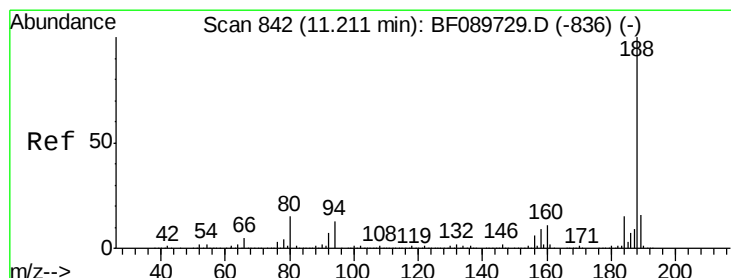
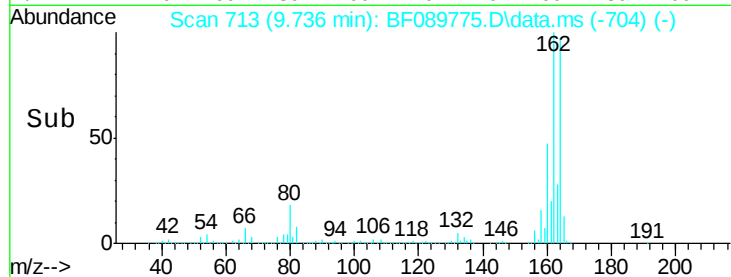
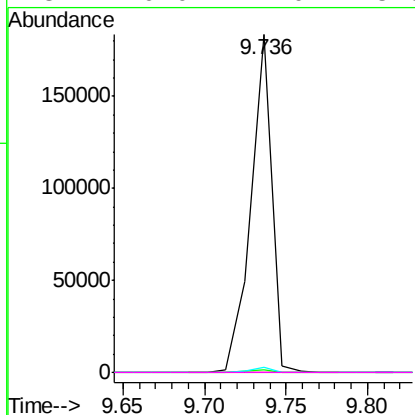
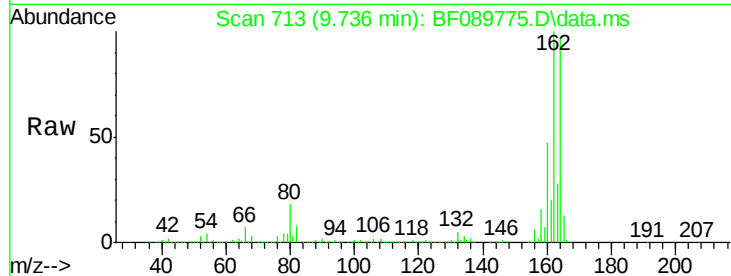




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.736 min Scan# 71
 Delta R.T. -0.194 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

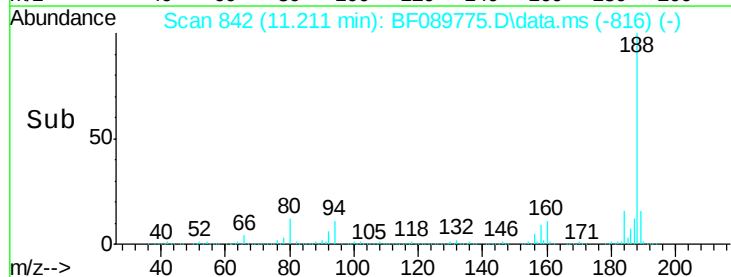
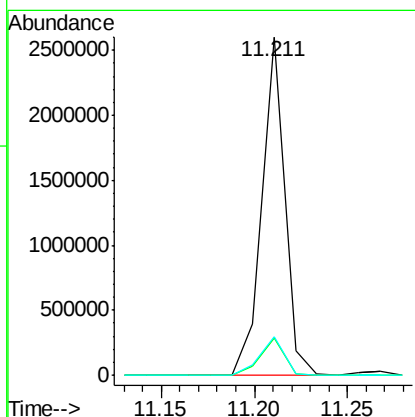
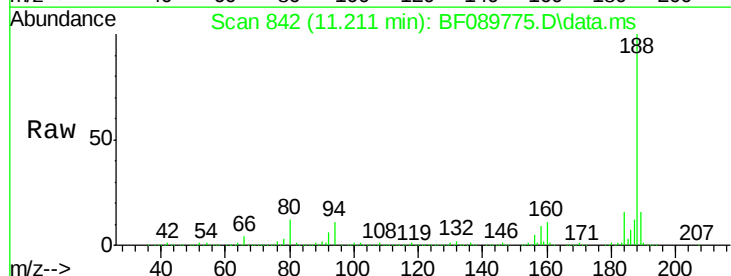
Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

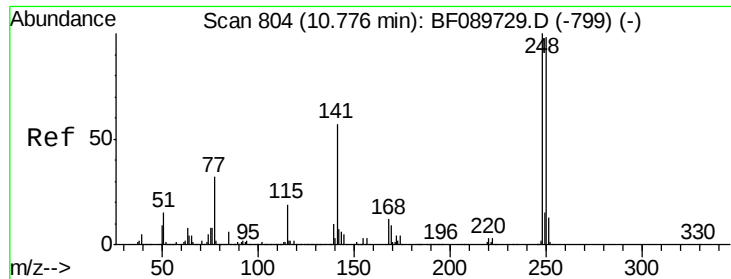
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	23.7	35.5#
89	1.4	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.211 min Scan# 842
 Delta R.T. -0.000 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.2	15.2
80	11.5	10.9	16.3





#66

4-Bromophenyl-phenylether

Concen: 3.92 ng

RT: 10.525 min Scan# 78

Delta R.T. -0.252 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

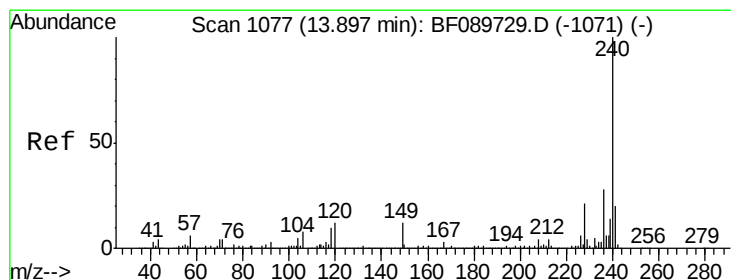
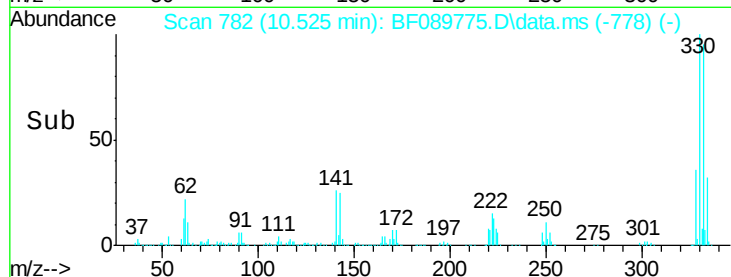
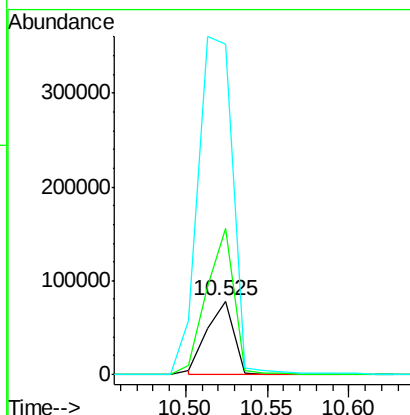
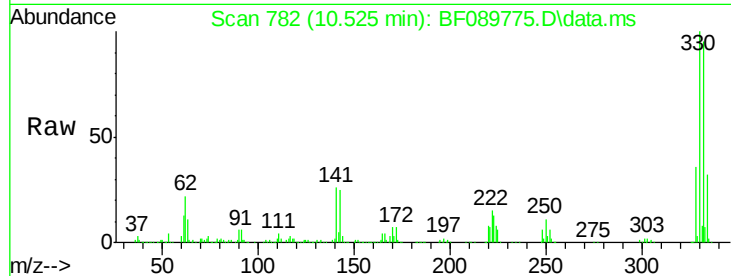
Tot Ion:248 Resp: 89060

Ion Ratio Lower Upper

248 100

250 200.1 78.6 117.8#

141 450.9 31.4 47.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.851 min Scan# 1073

Delta R.T. -0.046 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

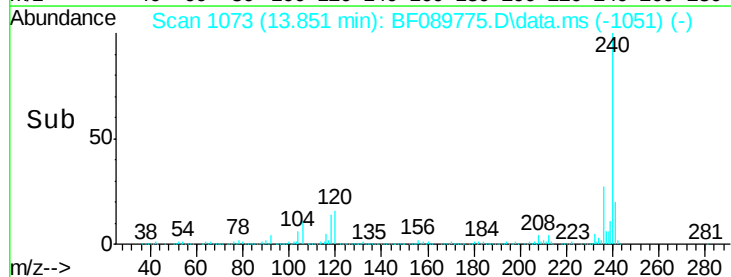
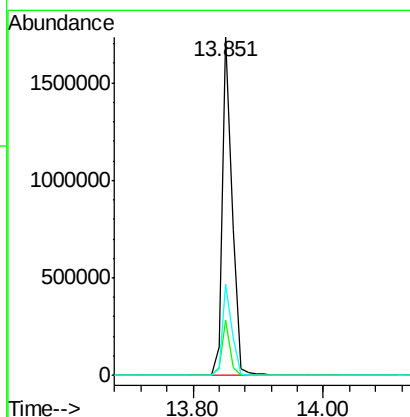
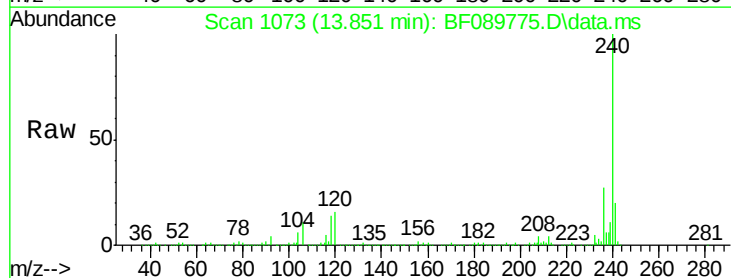
Tgt Ion:240 Resp: 1857103

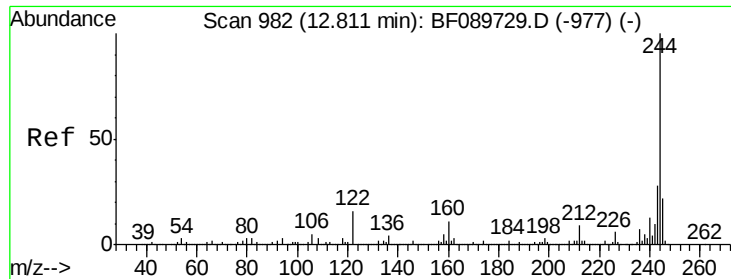
Ion Ratio Lower Upper

240 100

120 16.2 8.3 12.5#

236 26.8 21.3 31.9





#78

Terphenyl-d14

Concen: 91.11 ng

RT: 12.811 min Scan# 98

Delta R.T. 0.001 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

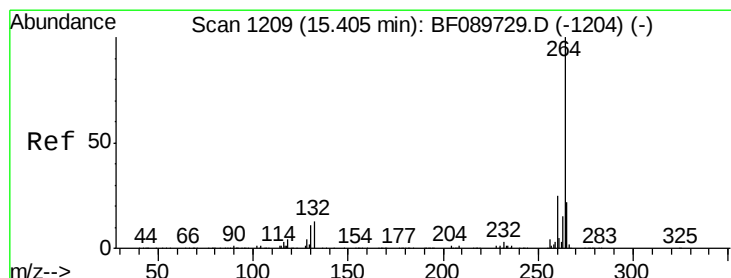
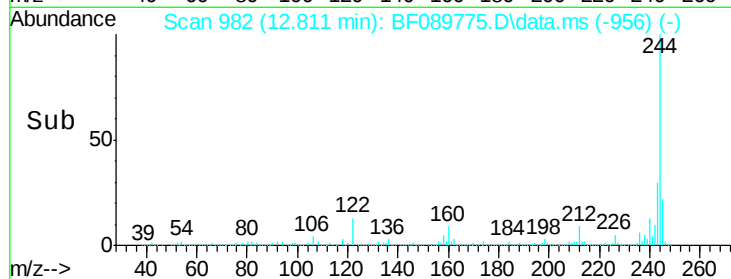
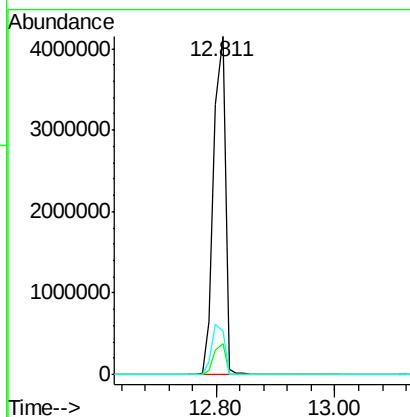
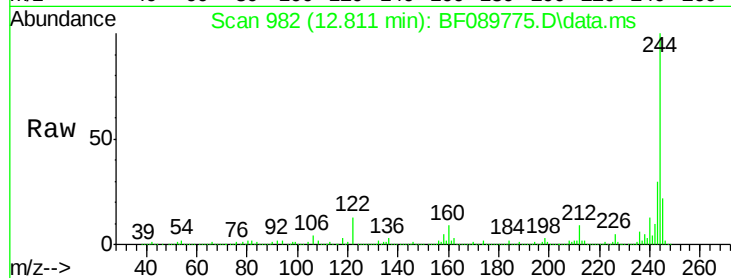
Tot Ion:244 Resp: 5663742

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

122 12.9 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.302 min Scan# 1200

Delta R.T. -0.103 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Tgt Ion:264 Resp: 1696523

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

265 22.1 17.4 26.2

