

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089483.D
 Acq On : 31 Jul 2016 21:18
 Operator : UM/SJ
 Sample : H4251-08 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:17:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

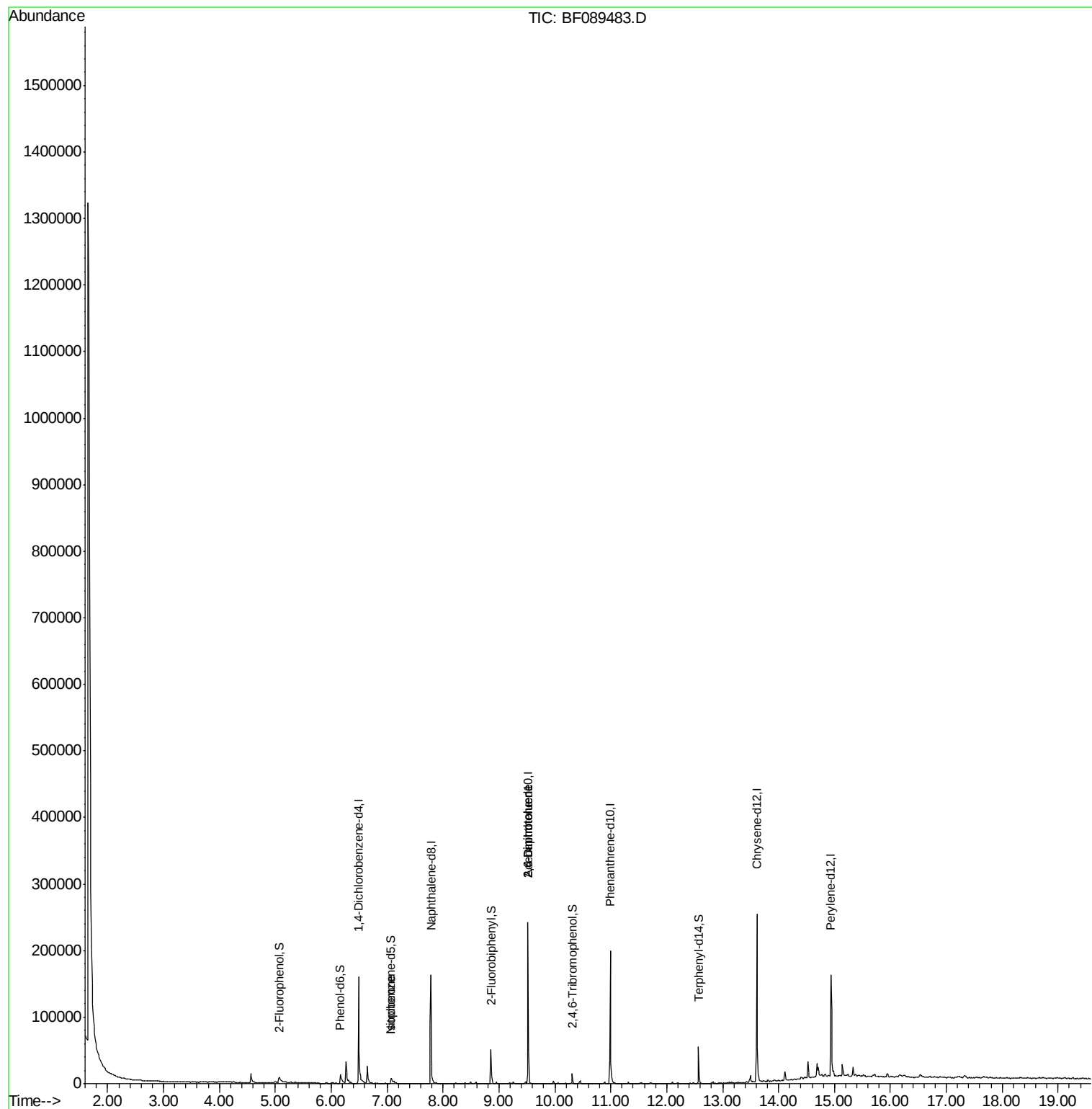
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	32907	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	110911	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	46250	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	86615	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	94580	20.00	ng	-0.06
86) Perylene-d12	14.94	264	73724	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	12891	6.26	ng	-0.03
7) Phenol-d6	6.16	99	19204	7.05	ng	-0.05
23) Nitrobenzene-d5	7.07	82	10622	5.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	2562	6.69	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	20323	6.45	ng	-0.06
78) Terphenyl-d14	12.57	244	20143	4.98	ng	-0.06
Target Compounds						
25) Isophorone	7.07	82	9982	2.64	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	5677	7.85	ng	# 24
56) 2,4-Dinitrotoluene	9.52	165	5677	5.96	ng	# 7

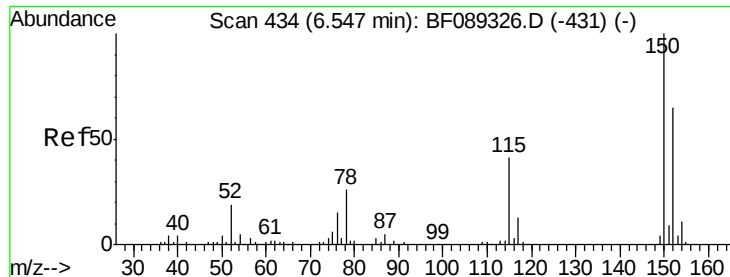
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

Instrument :

BNA_F

ClientSampleId :

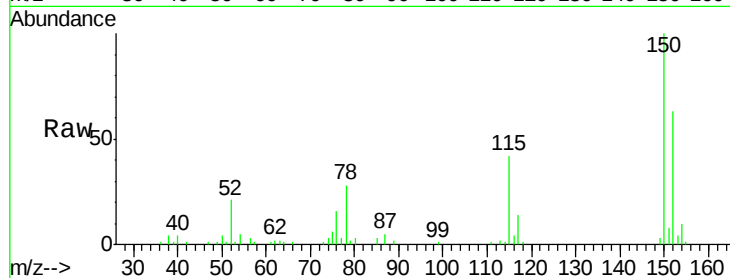
Tot Ion:152 Resp: 32907

Ion Ratio Lower Upper

152 100

150 157.7 129.5 194.3

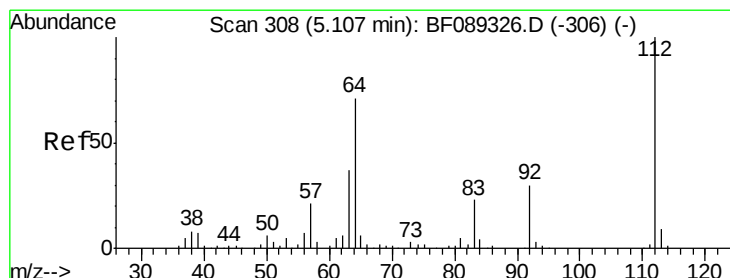
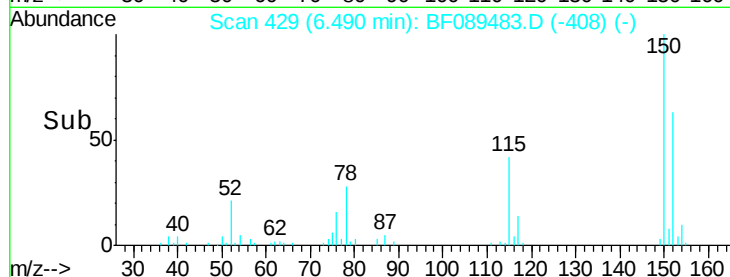
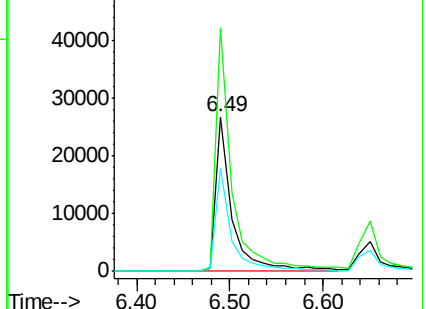
115 66.5 51.4 77.2



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: 6.26 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

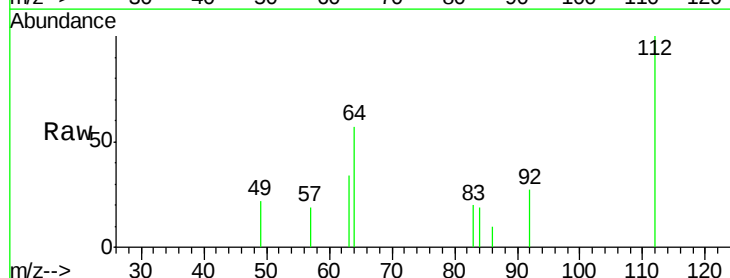
Tgt Ion:112 Resp: 12891

Ion Ratio Lower Upper

112 100

64 57.0 55.0 82.6

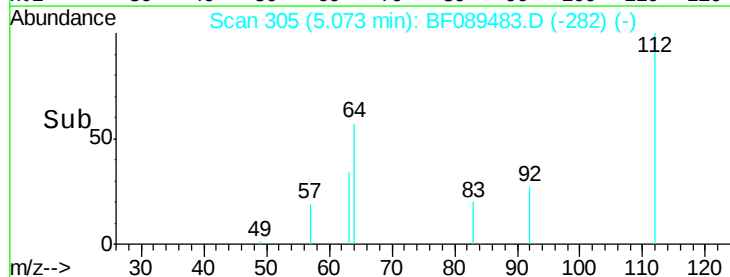
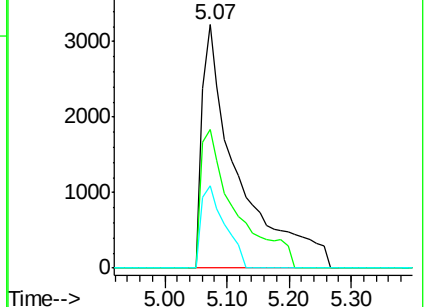
63 33.6 29.4 44.2

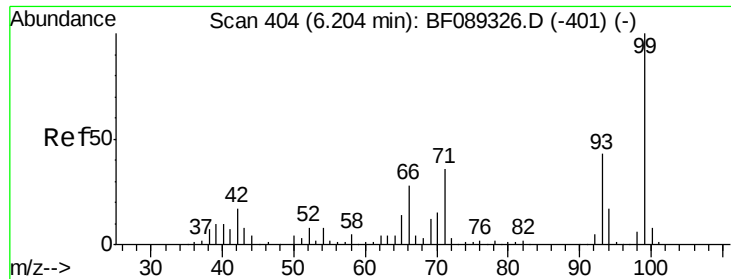


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.05 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

Instrument :

BNA_F

ClientSampleId :

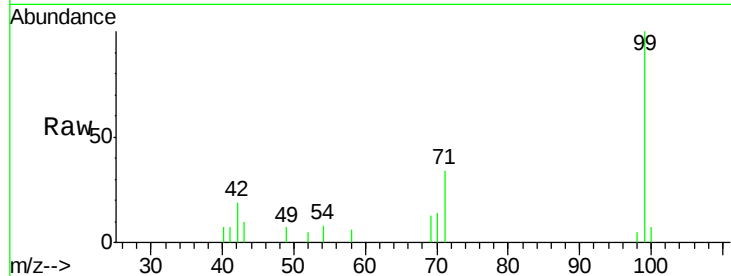
Tot Ion: 99 Resp: 19204

Ion Ratio Lower Upper

99 100

42 19.2 13.6 20.4

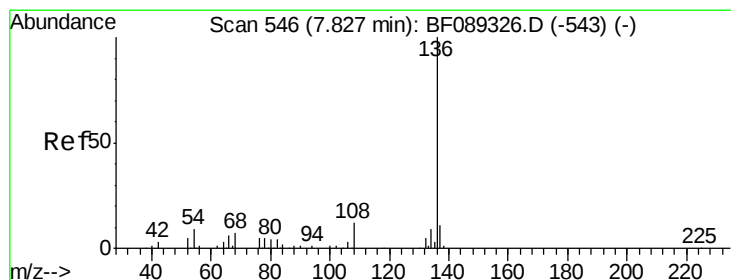
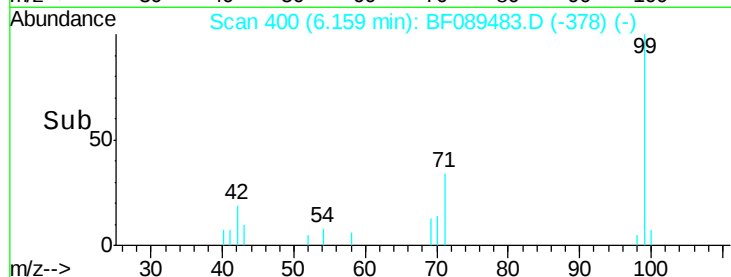
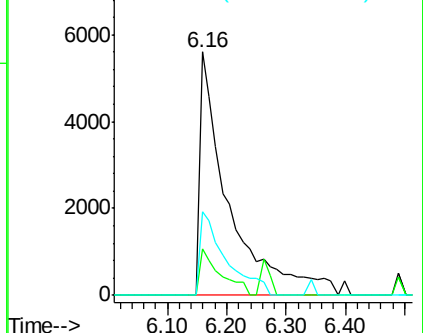
71 34.3 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

Tgt Ion: 136 Resp: 110911

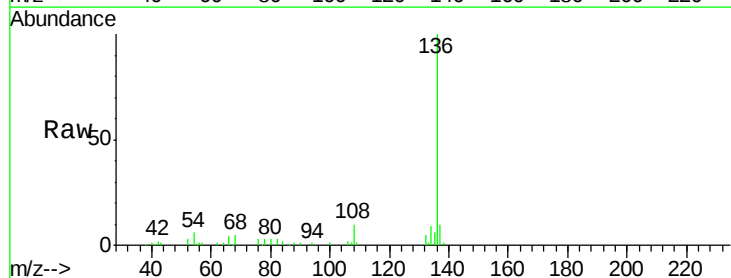
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.9 7.0 10.4#

68 4.9 4.9 7.3

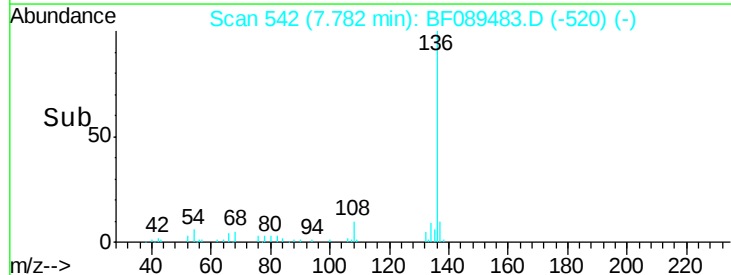
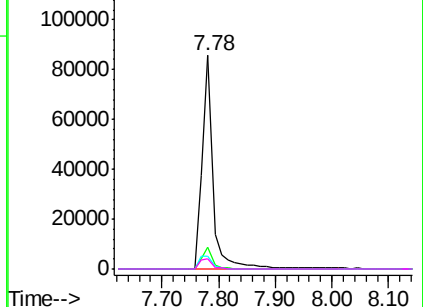


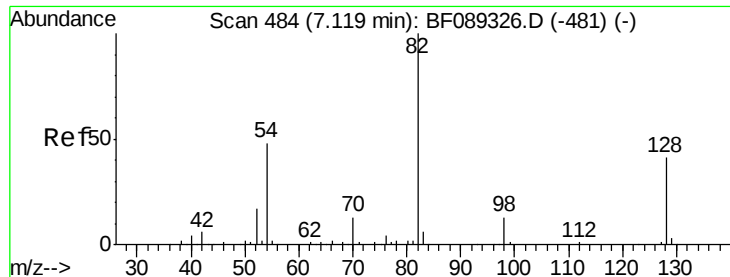
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

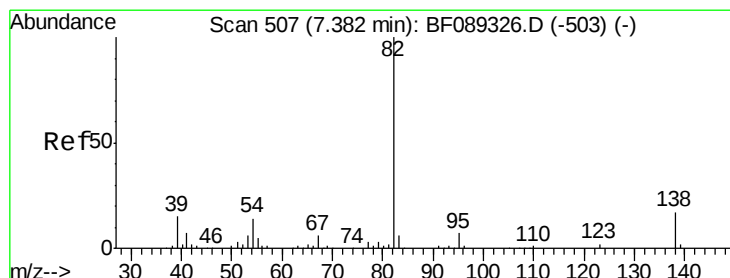
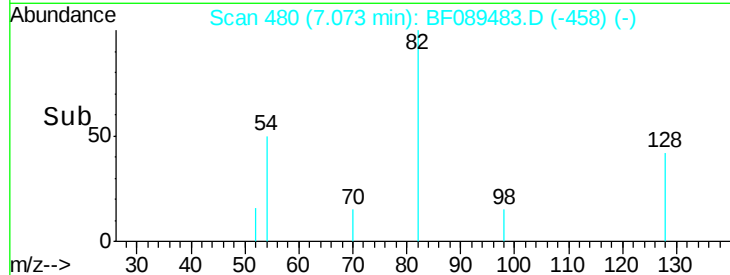
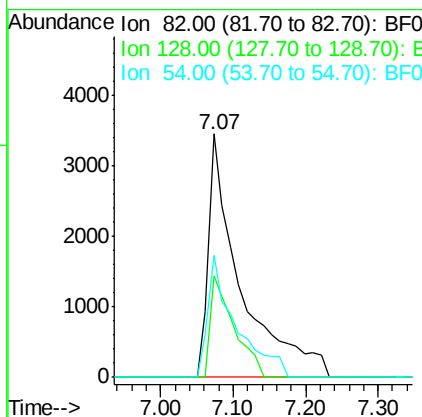
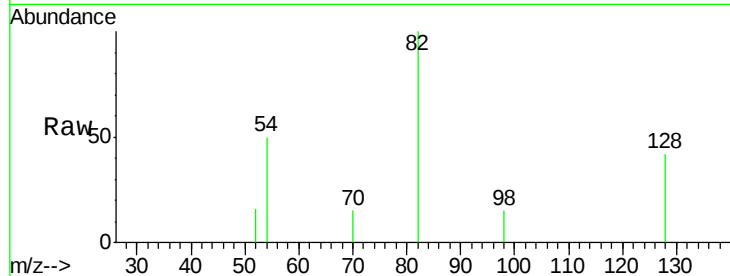




#23
 Nitrobenzene-d5
 Concen: 5.65 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.05 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

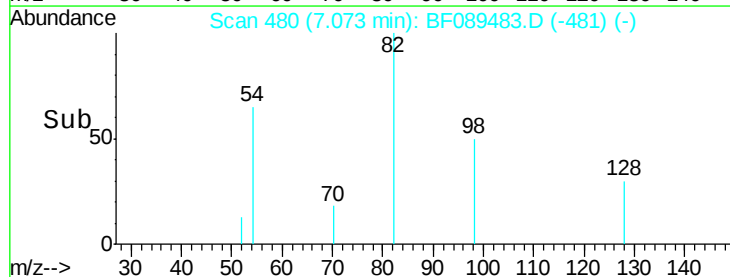
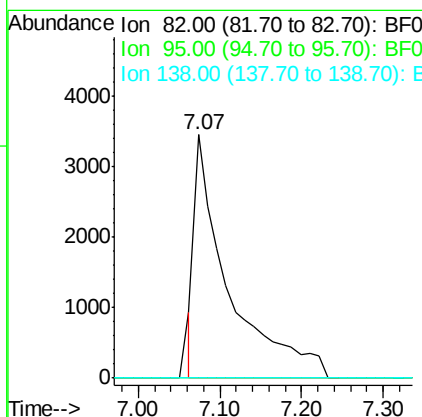
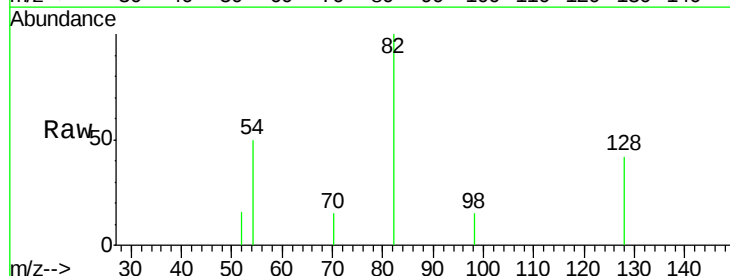
Instrument :
 BNA_F
 ClientSampled :

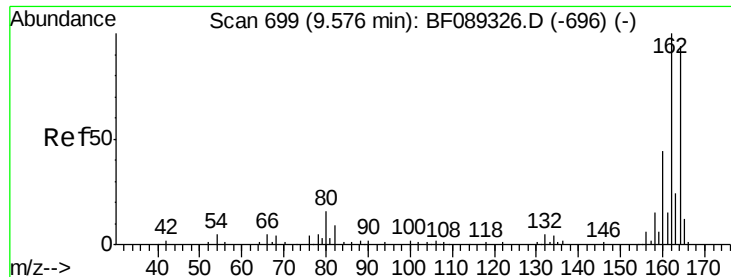
Tot Ion	82	Resp	10622
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.5	48.7
54	50.1	38.8	58.2



#25
 Isophorone
 Concen: 2.64 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.31 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

Tgt Ion	82	Resp	9982
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.06 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

Instrument :

BNA_F

ClientSampleId :

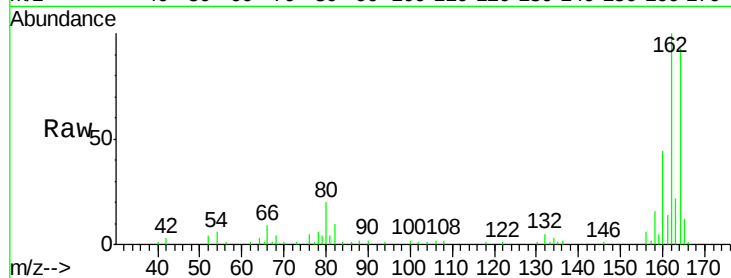
Tot Ion:164 Resp: 46250

Ion Ratio Lower Upper

164 100

162 108.0 83.7 125.5

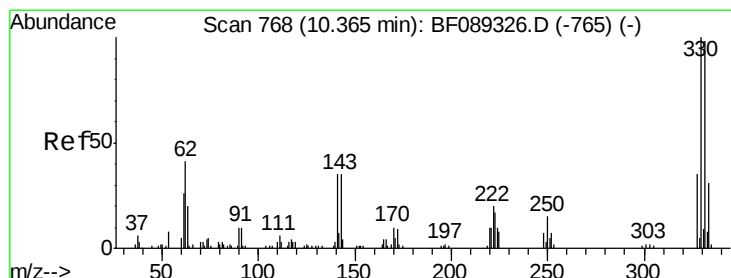
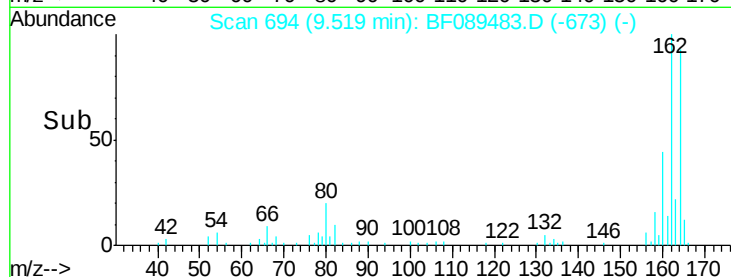
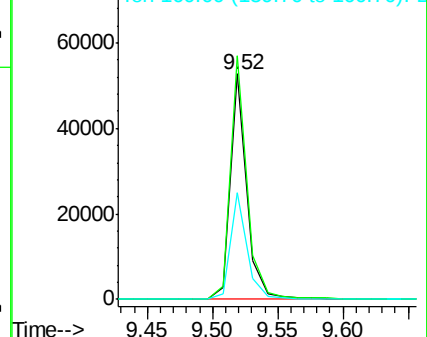
160 47.4 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 6.69 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

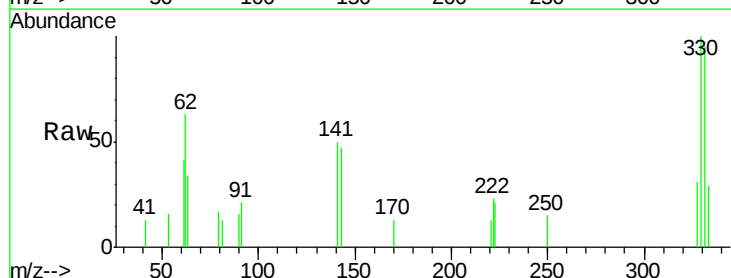
Tgt Ion:330 Resp: 2562

Ion Ratio Lower Upper

330 100

332 94.6 76.8 115.2

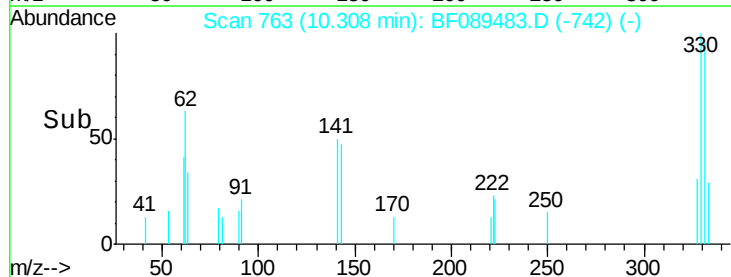
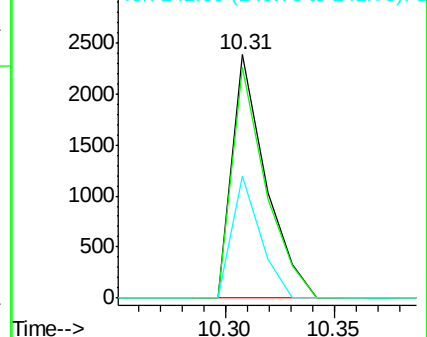
141 42.2 37.3 55.9

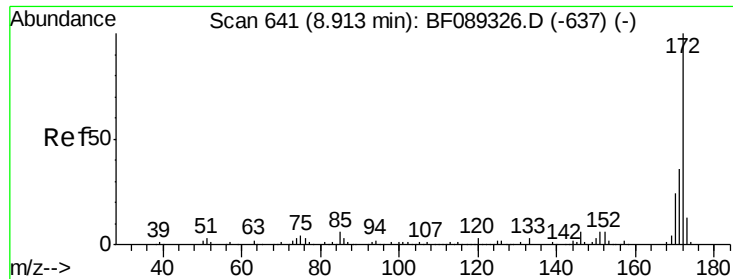


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

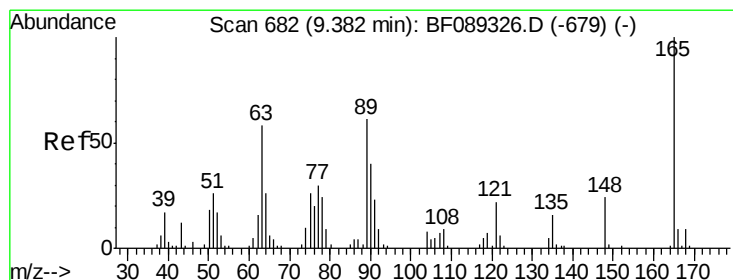
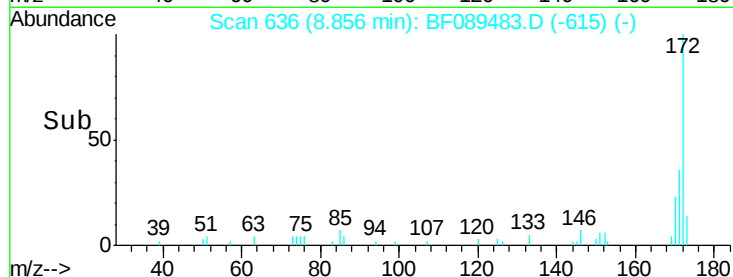
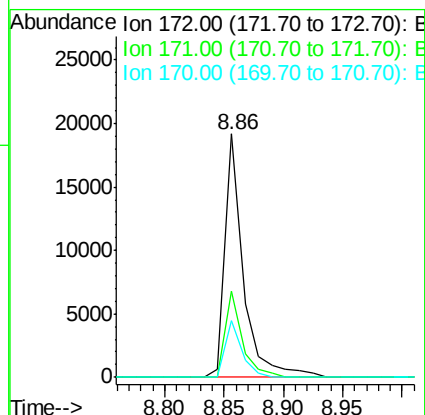
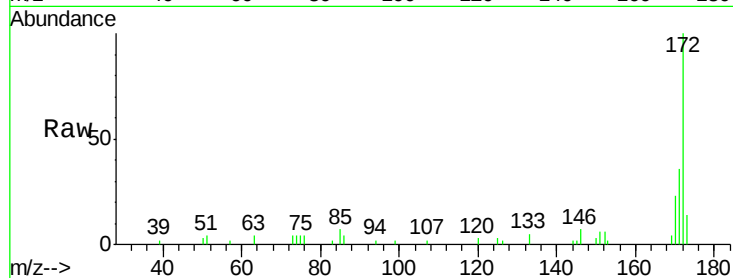




#44
 2-Fluorobiphenyl
 Concen: 6.45 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

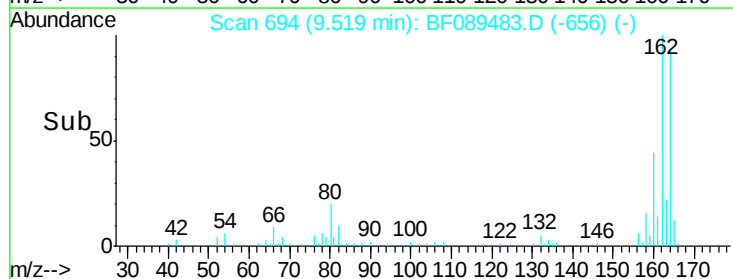
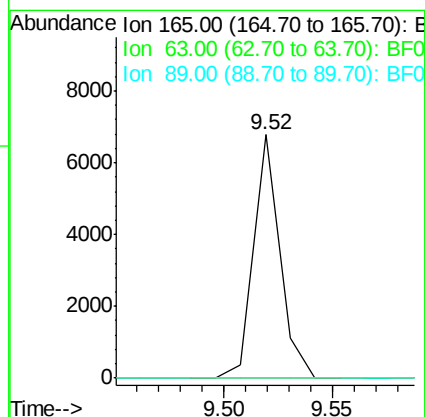
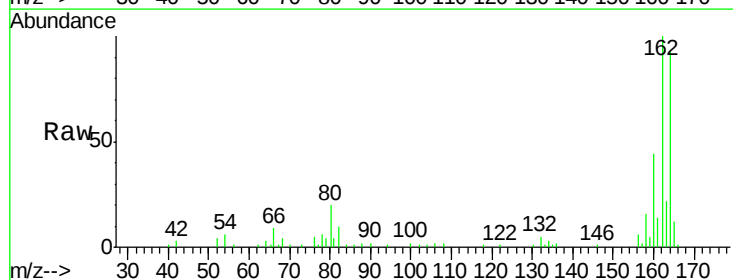
Instrument :
 BNA_F
 ClientSampleId :

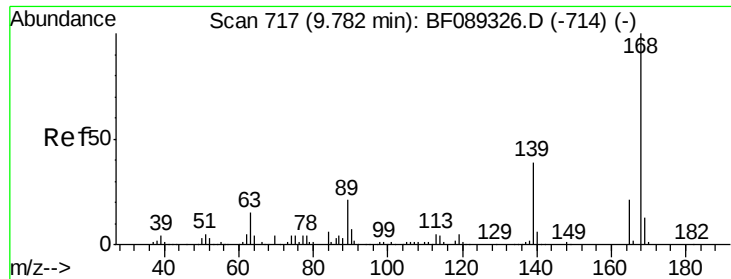
Tot Ion:172 Resp: 20323
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.4 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.52 min Scan# 694
 Delta R.T. 0.14 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

Tgt Ion:165 Resp: 5677
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

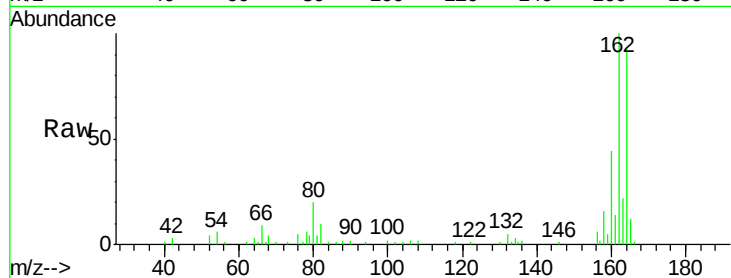




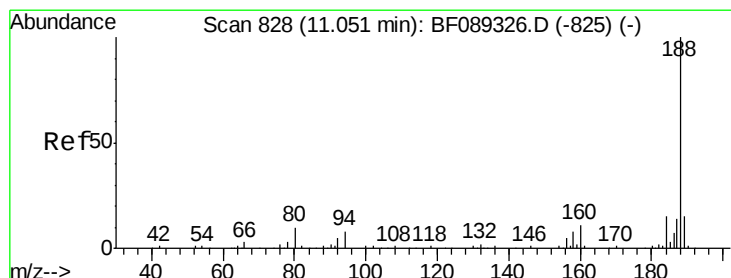
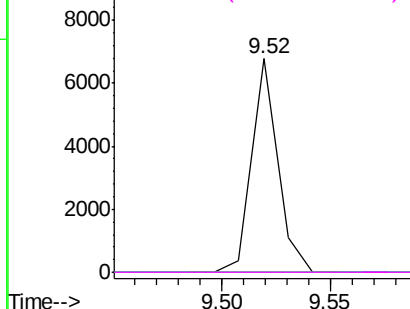
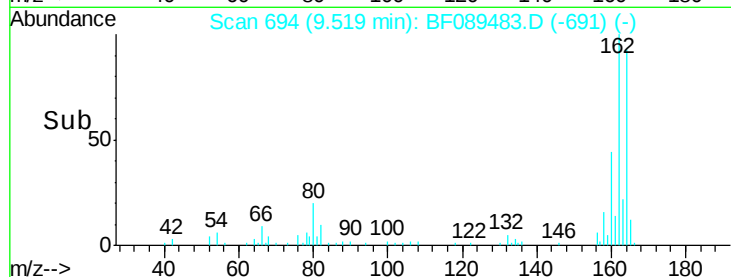
#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 5677
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#

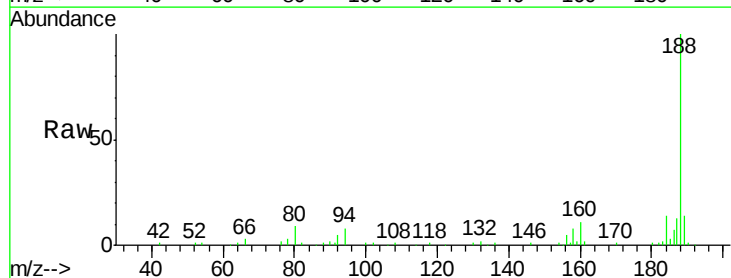


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

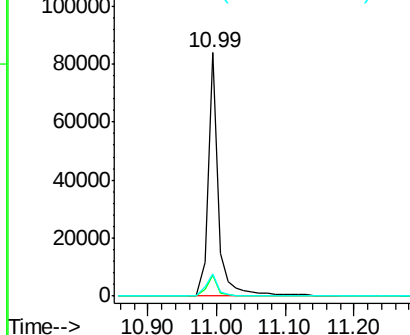
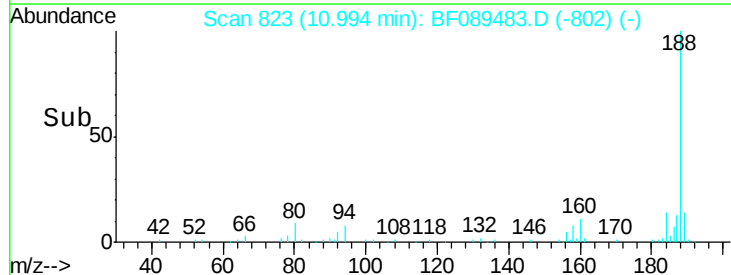


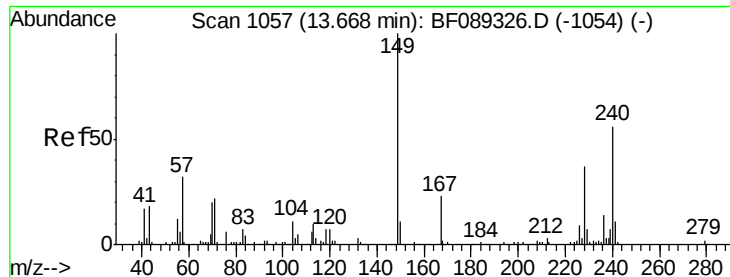
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

Tgt Ion:188 Resp: 86615
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.5 9.7
 80 9.3 7.2 10.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

Instrument :

BNA_F

ClientSampleId :

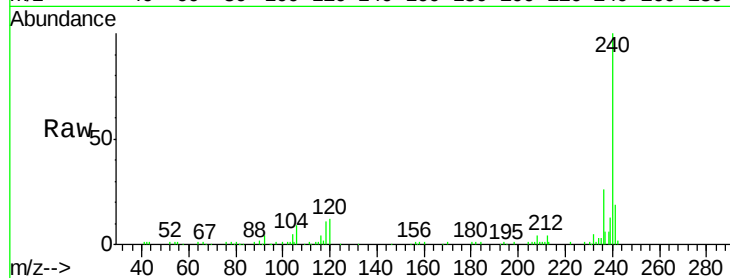
Tot Ion:240 Resp: 94580

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

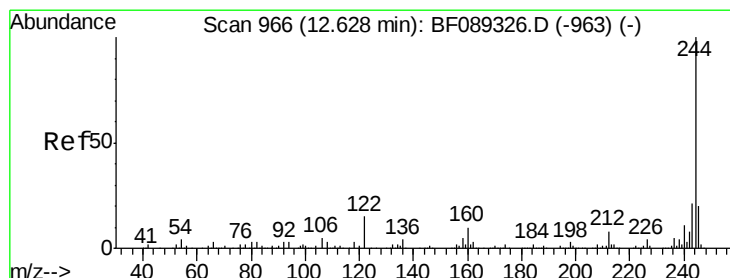
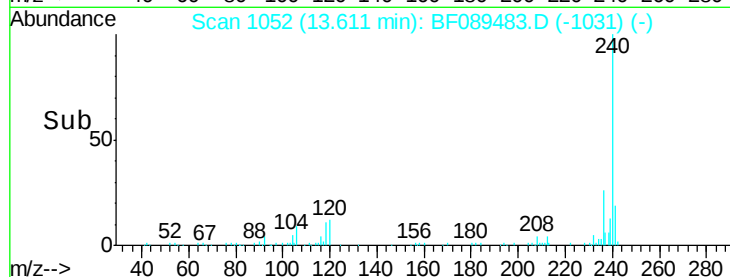
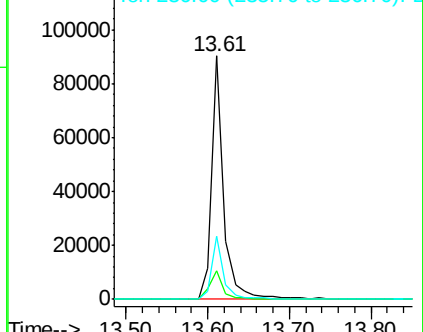
236 25.7 20.6 30.8



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: 4.98 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089483.D

Acq: 31 Jul 2016 21:18

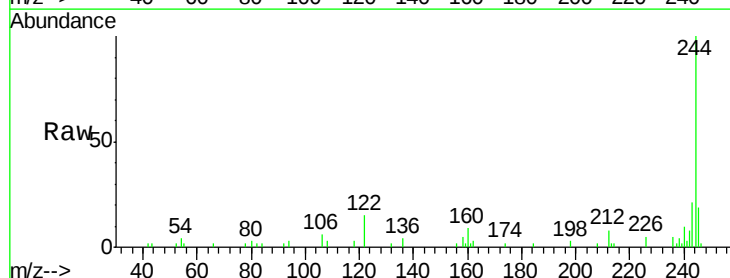
Tgt Ion:244 Resp: 20143

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

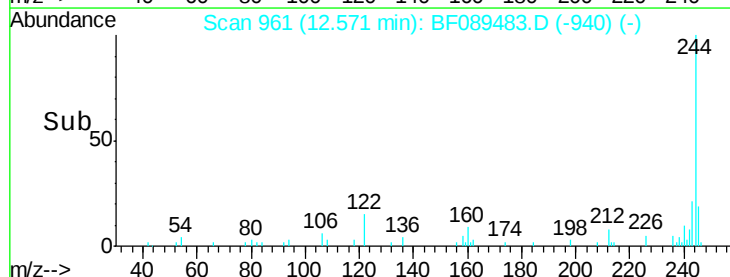
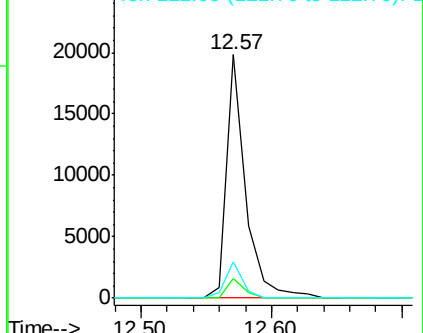
122 14.8 11.4 17.0

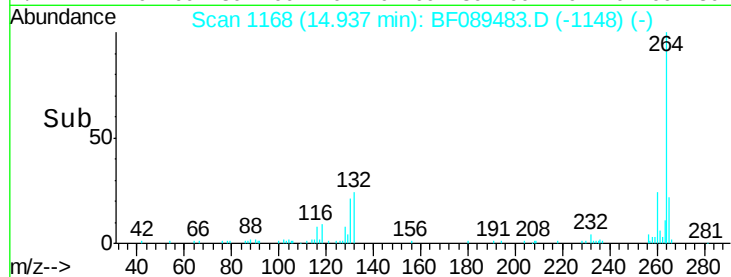
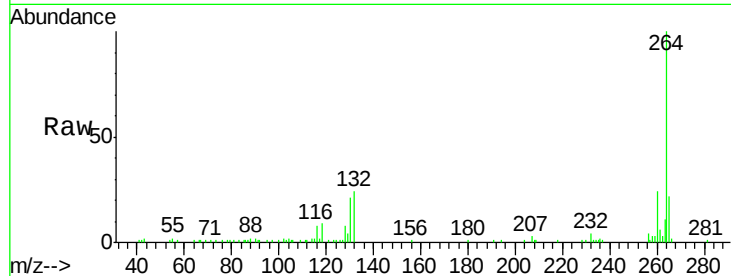
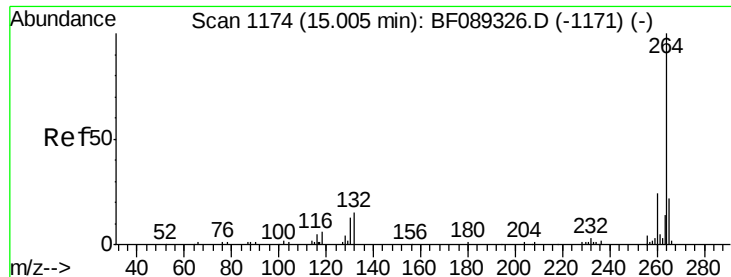


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089483.D
 Acq: 31 Jul 2016 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.7	17.5	26.3

