

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072616\
 Data File : BF089315.D
 Acq On : 26 Jul 2016 19:43
 Operator : UM/SJ
 Sample : PB92432TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92432TB

Quant Time: Jul 27 03:34:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

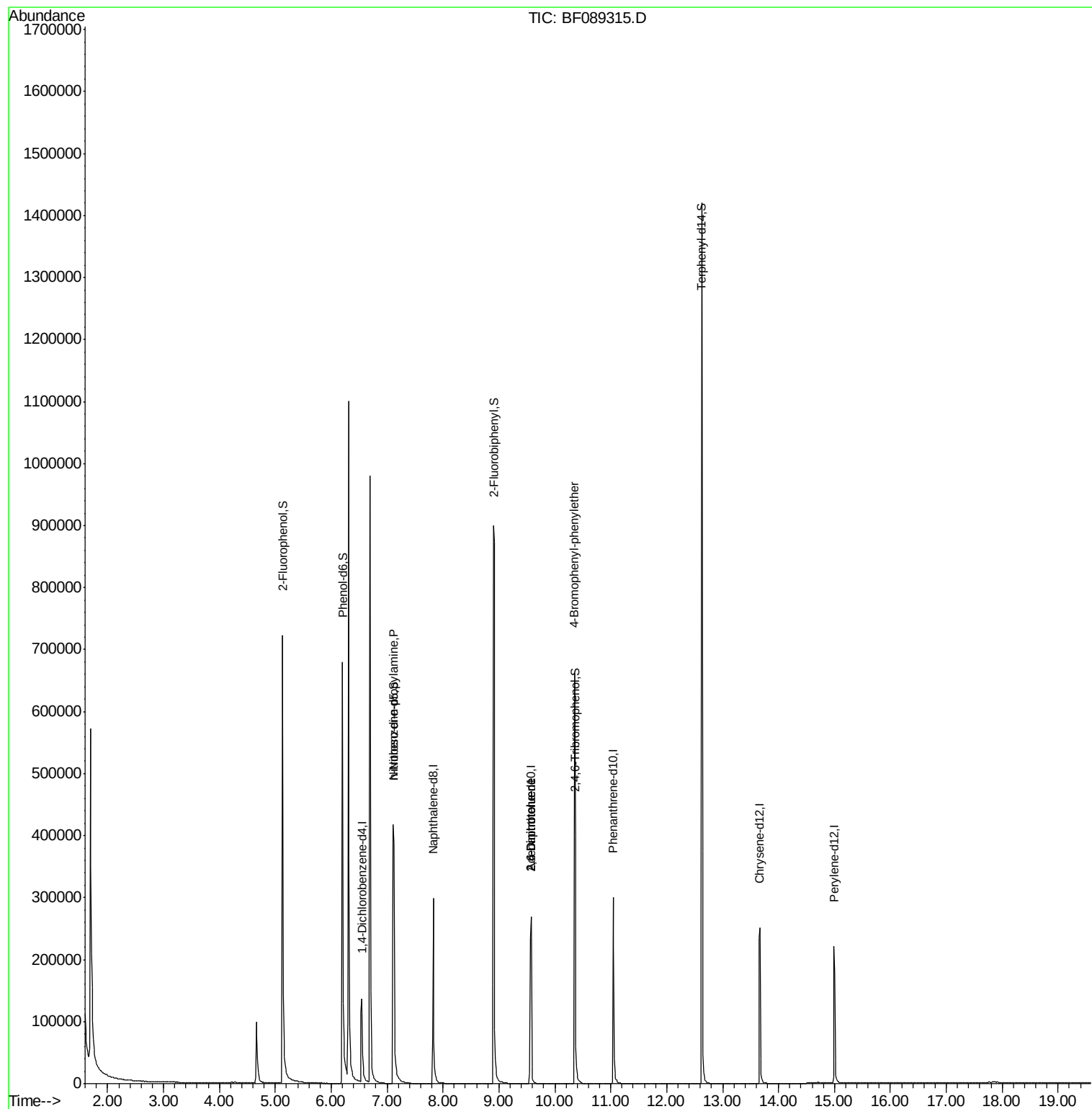
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41955	20.00	ng	-0.02
21) Naphthalene-d8	7.83	136	187493	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	86669	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	177600	20.00	ng	-0.03
75) Chrysene-d12	13.67	240	144725	20.00	ng	-0.02
86) Perylene-d12	14.99	264	123395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	349384	126.65	ng	-0.01
7) Phenol-d6	6.20	99	452922	127.32	ng	-0.02
23) Nitrobenzene-d5	7.11	82	274496	77.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.36	330	95126	121.91	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	517625	82.29	ng	-0.02
78) Terphenyl-d14	12.63	244	477635	71.58	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.20	77	459	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	34579	14.86	ng	# 82
50) 2,6-Dinitrotoluene	9.58	165	10504	7.00	ng	# 28
56) 2,4-Dinitrotoluene	9.58	165	10504	5.43	ng	# 10
66) 4-Bromophenyl-phenylether	10.35	248	6782	3.86	ng	# 1

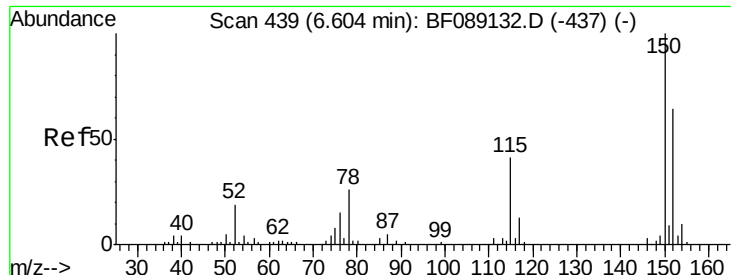
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072616\
Data File : BF089315.D
Acq On : 26 Jul 2016 19:43
Operator : UM/SJ
Sample : PB92432TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92432TB

Quant Time: Jul 27 03:34:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

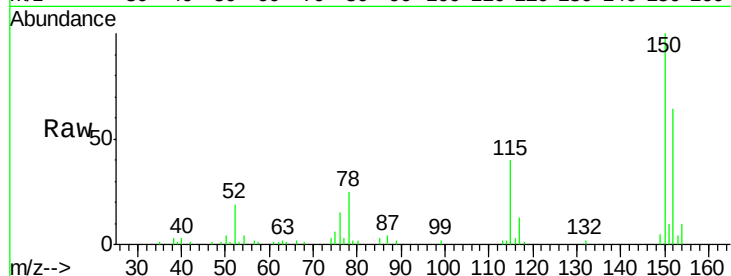




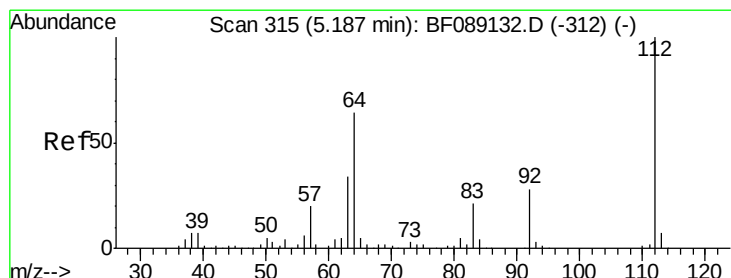
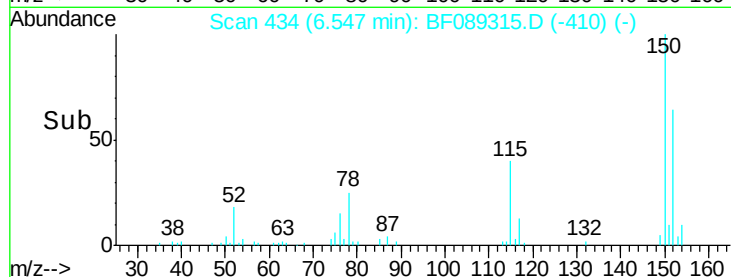
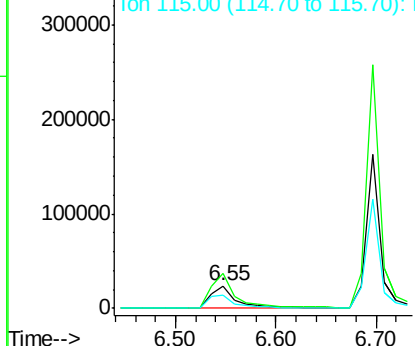
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.02 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92432TB

Tgt Ion:152 Resp: 41955
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.1 187.7
 115 62.2 51.1 76.7

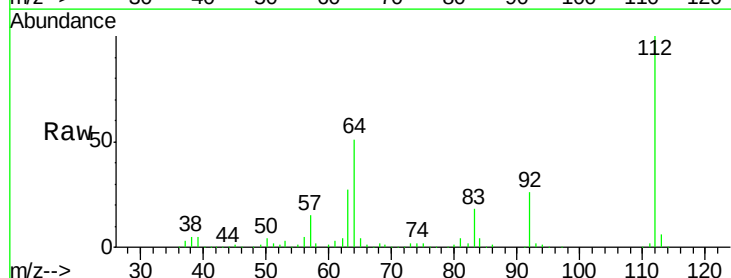


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

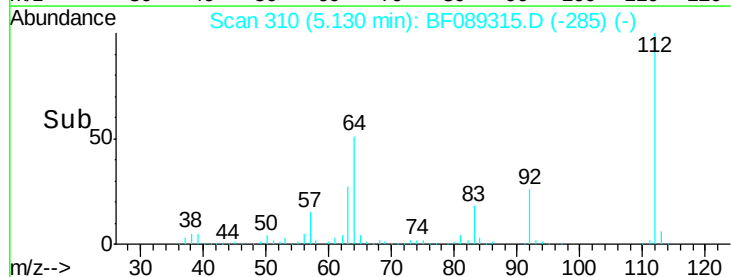
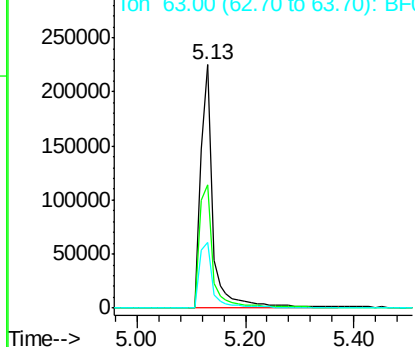


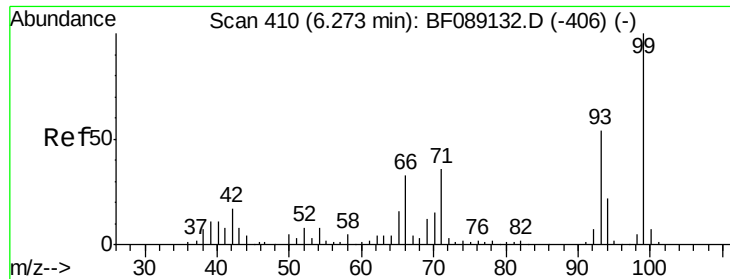
#5
 2-Fluorophenol
 Concen: 126.65 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Tgt Ion:112 Resp: 349384
 Ion Ratio Lower Upper
 112 100
 64 50.5 51.0 76.4#
 63 27.0 27.3 40.9#



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: 127.32 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB92432TB

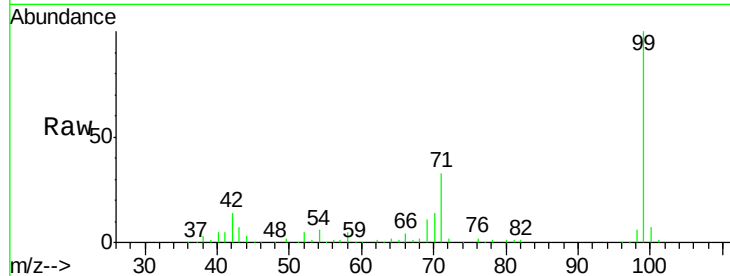
Tgt Ion: 99 Resp: 452922

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

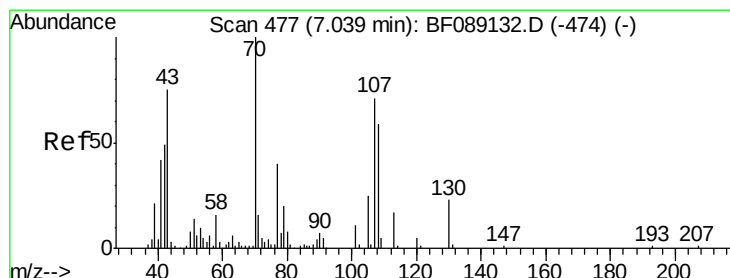
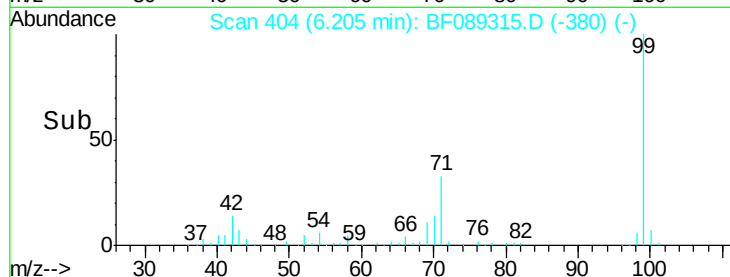
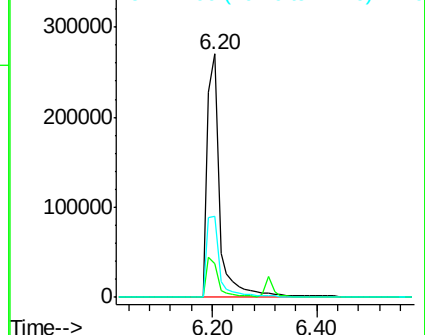
71 33.2 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.86 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.10 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

Tgt Ion: 70 Resp: 34579

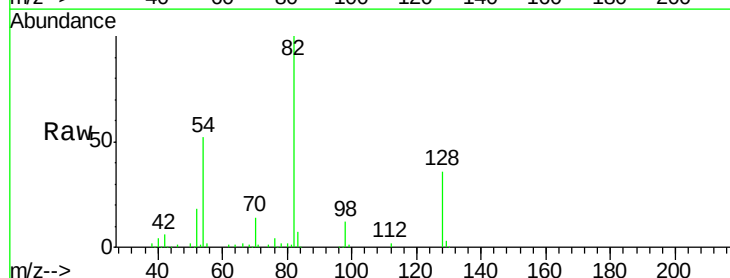
Ion Ratio Lower Upper

70 100

42 46.8 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#

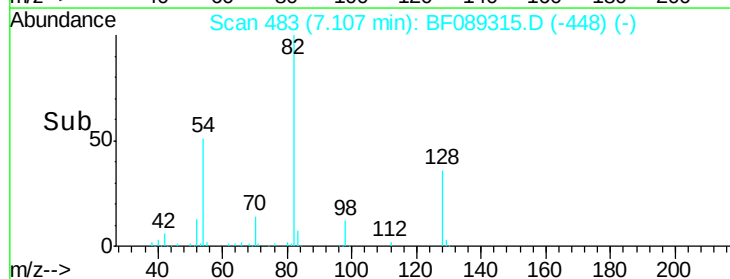
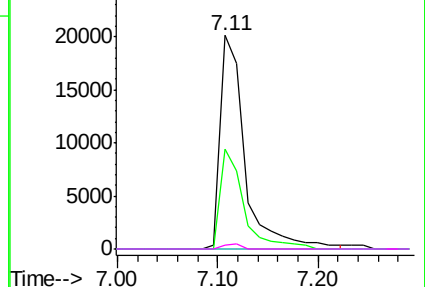


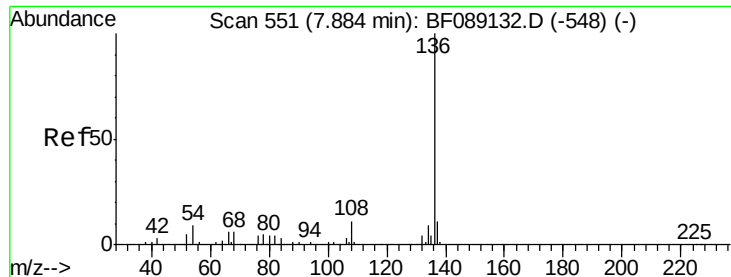
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB92432TB

Tgt Ion: 136 Resp: 187493

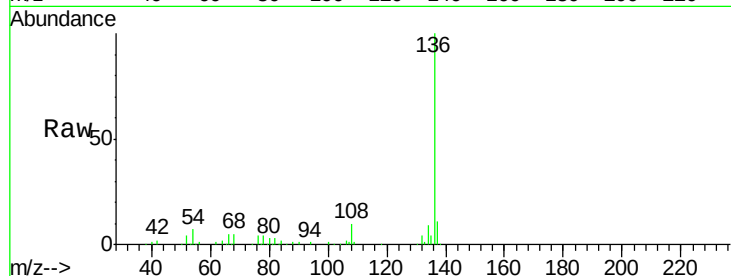
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.5 7.0 10.4#

68 5.2 5.0 7.6

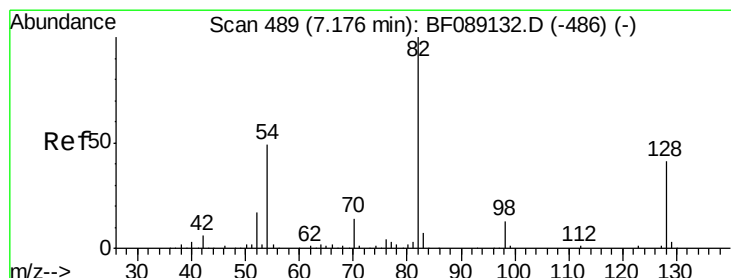
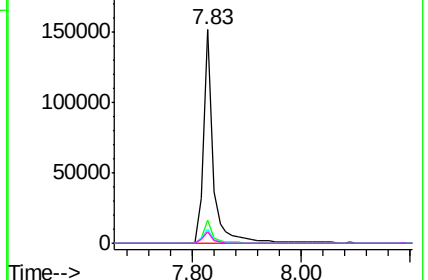
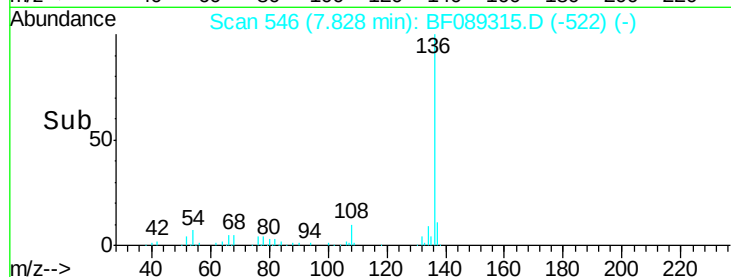


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.79 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

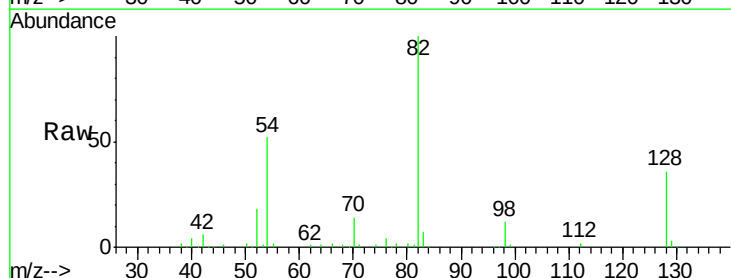
Tgt Ion: 82 Resp: 274496

Ion Ratio Lower Upper

82 100

128 36.4 33.0 49.6

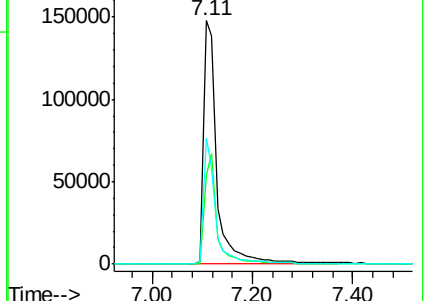
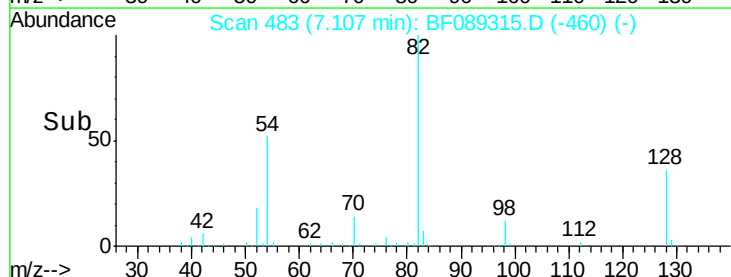
54 51.6 39.0 58.4

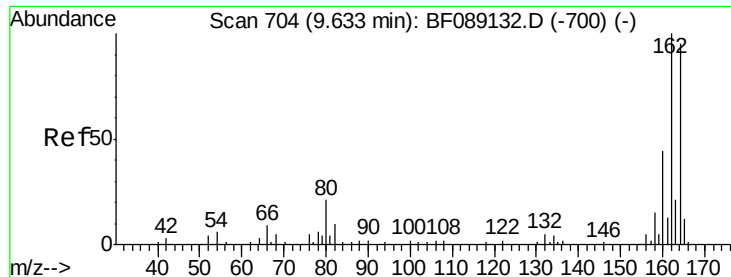


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

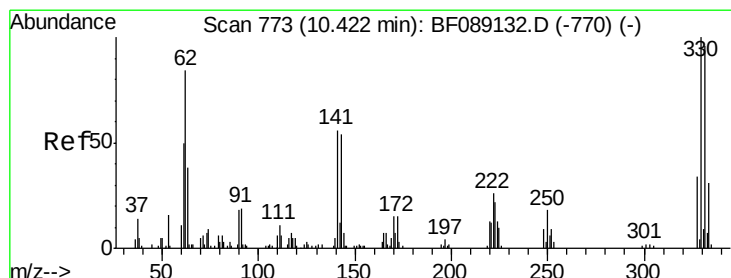
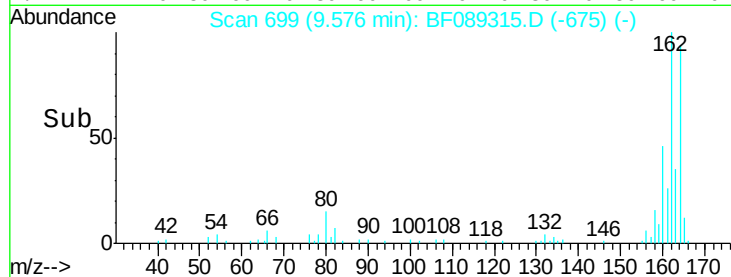
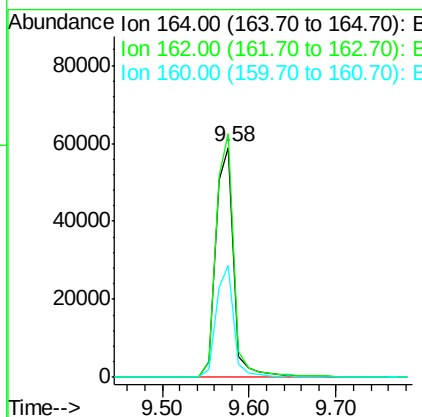
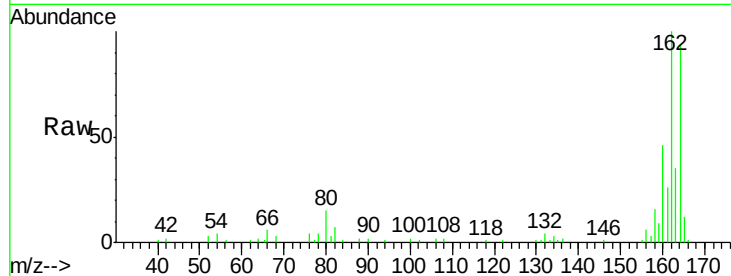




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

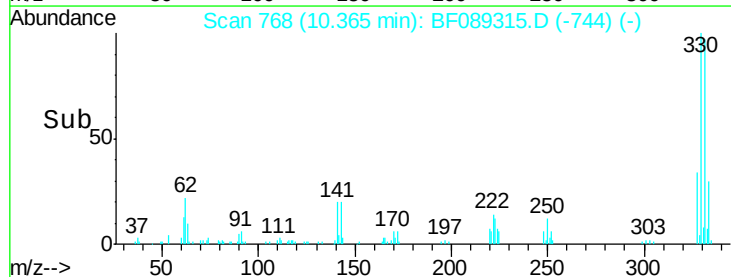
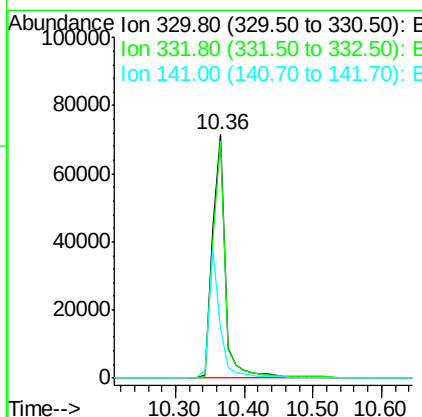
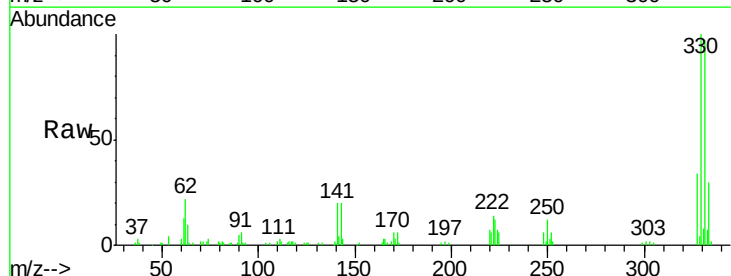
Instrument :
 BNA_F
 ClientSampleId :
 PB92432TB

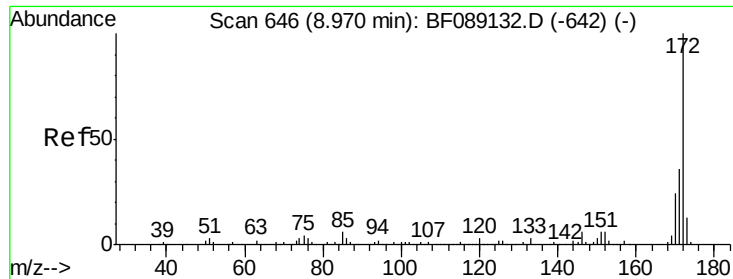
Tgt Ion:164 Resp: 86669
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.1 126.1
 160 48.7 37.1 55.7



#41
 2,4,6-Tribromophenol
 Concen: 121.91 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Tgt Ion:330 Resp: 95126
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 45.3 42.2 63.2

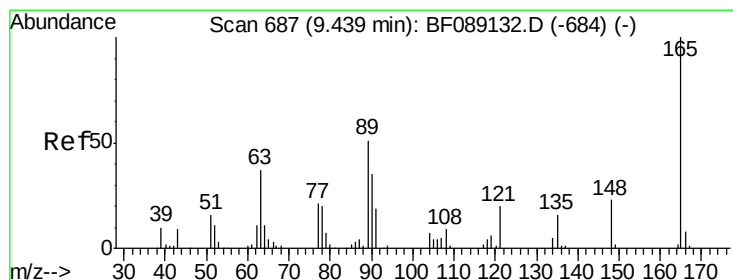
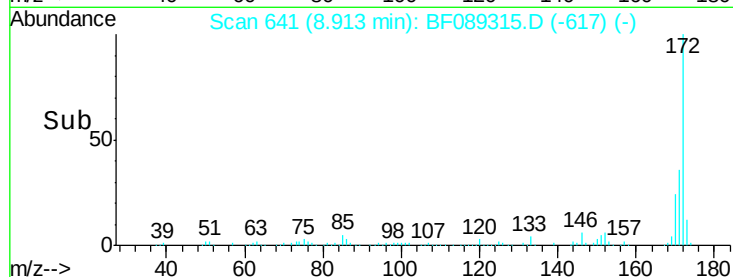
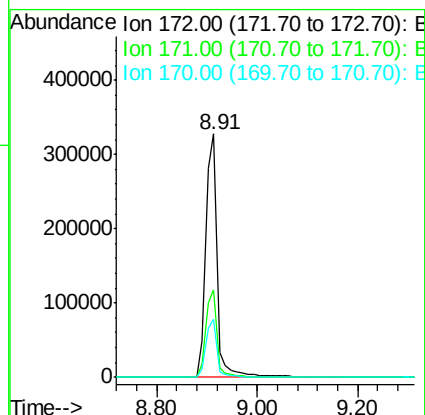
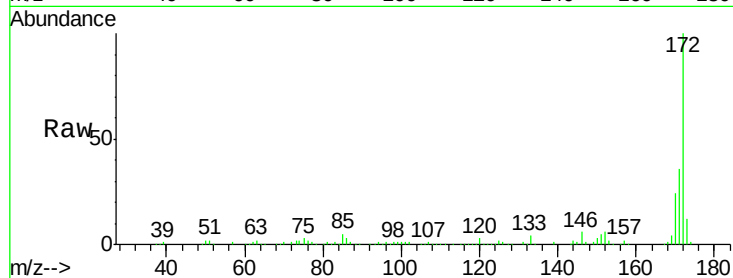




#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

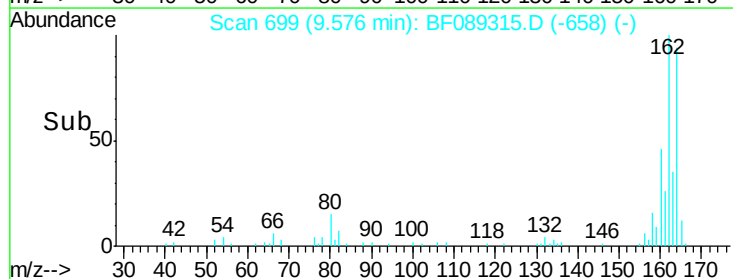
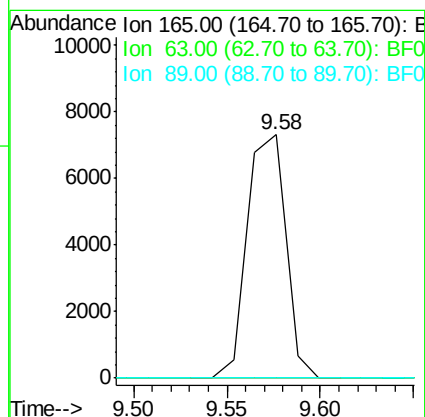
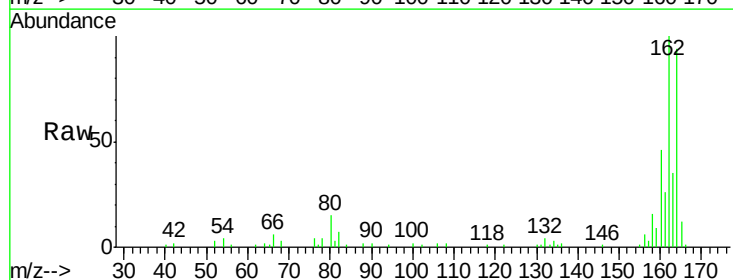
Instrument :
 BNA_F
 ClientSampled :
 PB92432TB

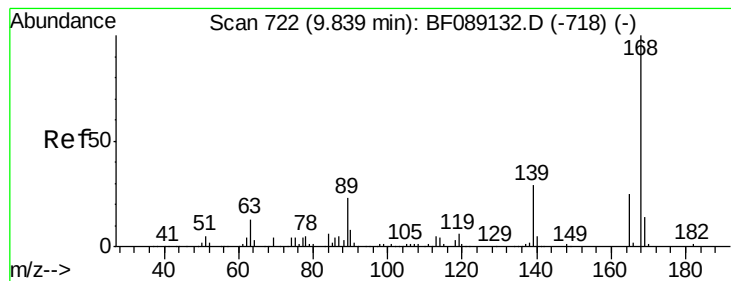
Tgt Ion:172 Resp: 517625
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.9 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.17 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Tgt Ion:165 Resp: 10504
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.0 55.4#
 89 0.0 40.9 61.3#





#56

2,4-Dinitrotoluene

Concen: 5.43 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.23 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB92432TB

Tgt Ion:165 Resp: 10504

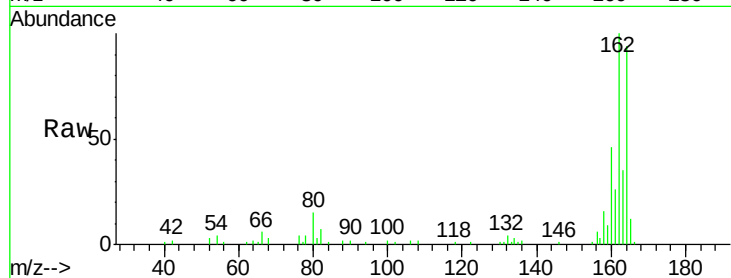
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

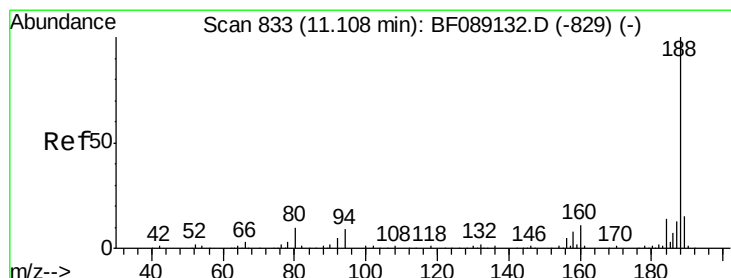
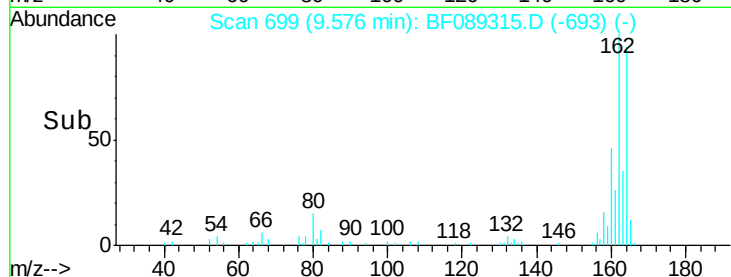
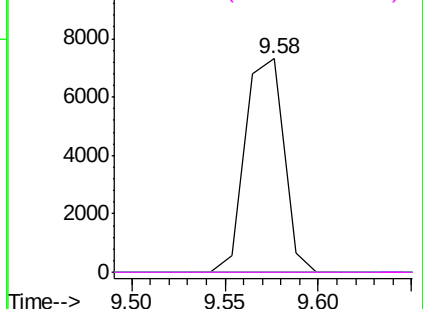


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.04 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF089315.D

Acq: 26 Jul 2016 19:43

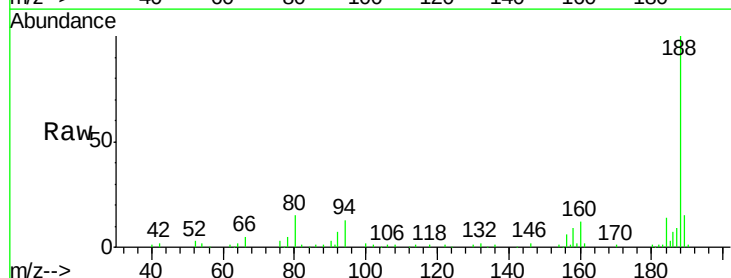
Tgt Ion:188 Resp: 177600

Ion Ratio Lower Upper

188 100

94 13.0 7.0 10.4#

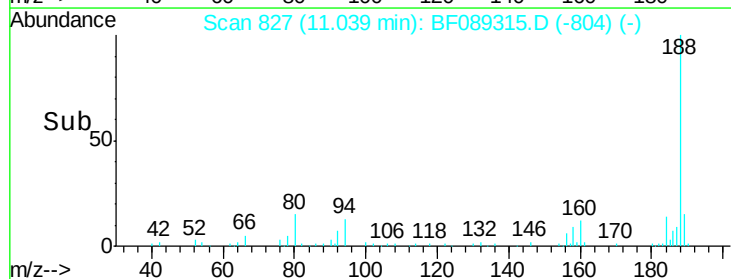
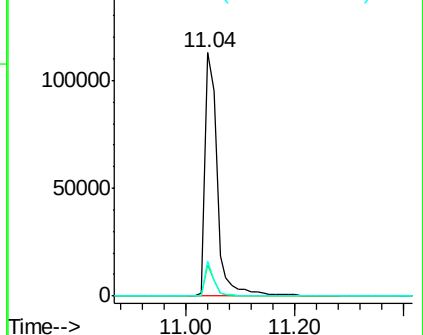
80 14.5 7.7 11.5#

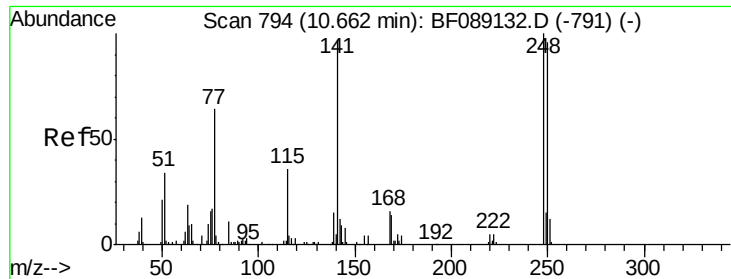


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

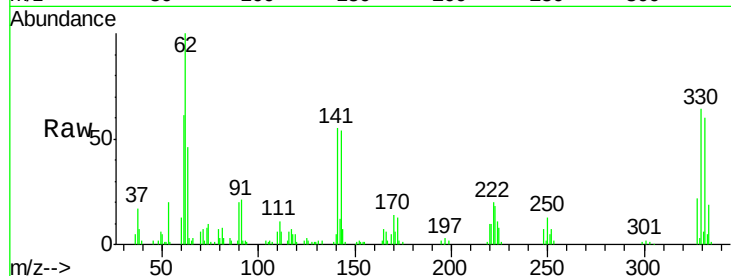




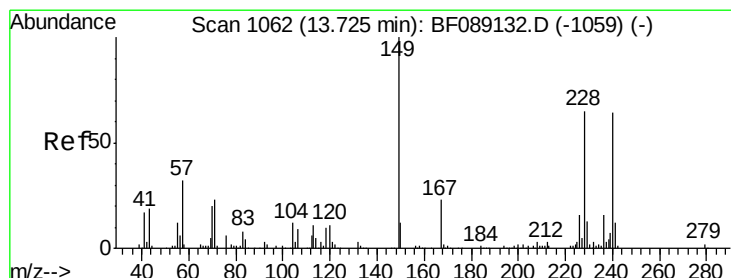
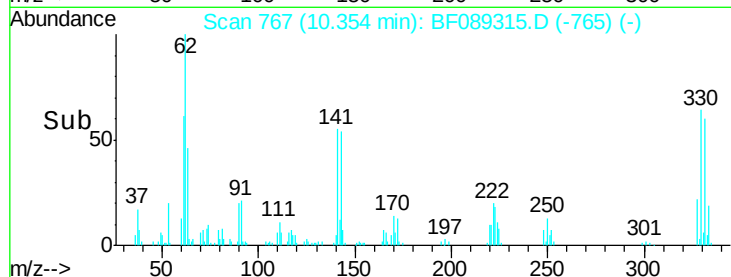
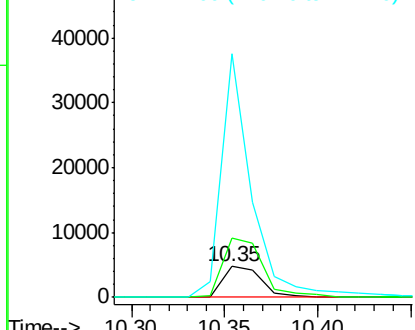
#66
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF089315.D
Acq: 26 Jul 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB92432TB

Tgt Ion:248 Resp: 6782
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 792.7 77.4 116.2#

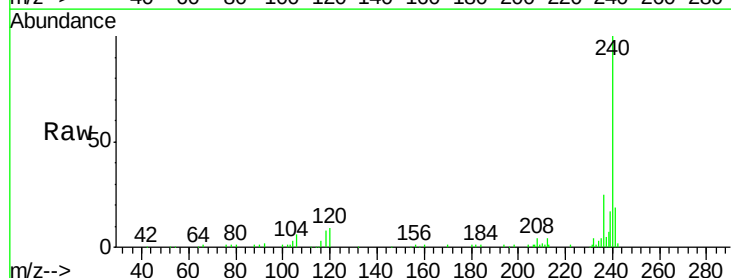


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

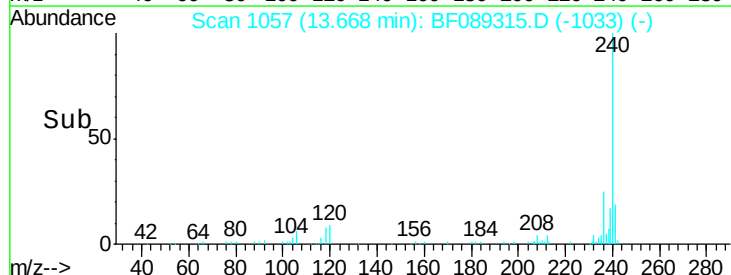
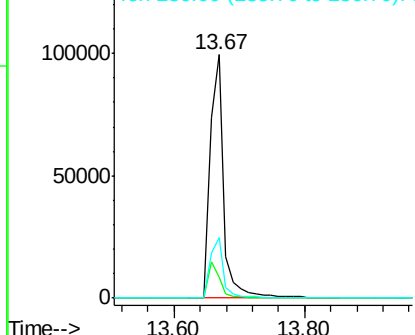


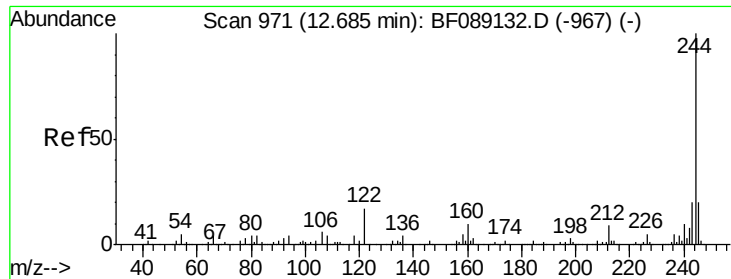
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF089315.D
Acq: 26 Jul 2016 19:43

Tgt Ion:240 Resp: 144725
Ion Ratio Lower Upper
240 100
120 8.6 13.6 20.4#
236 25.0 20.5 30.7



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

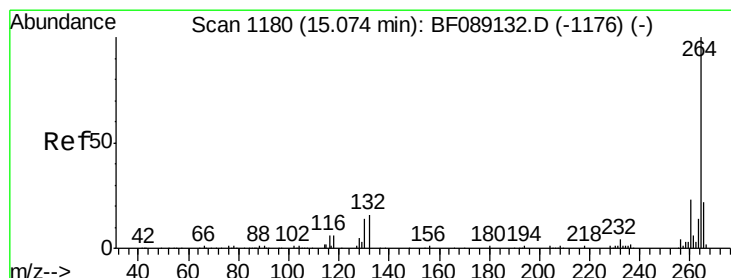
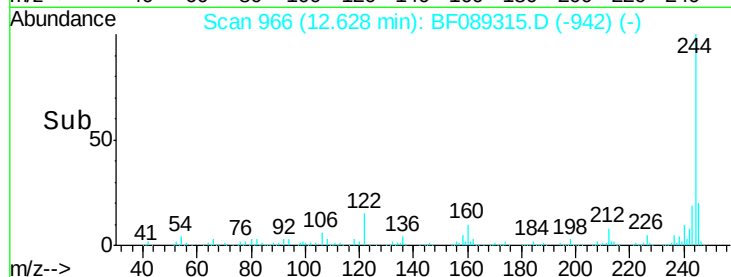
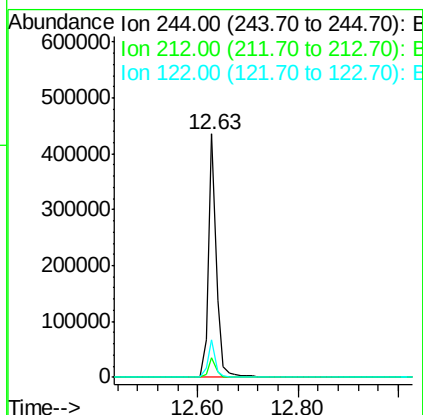
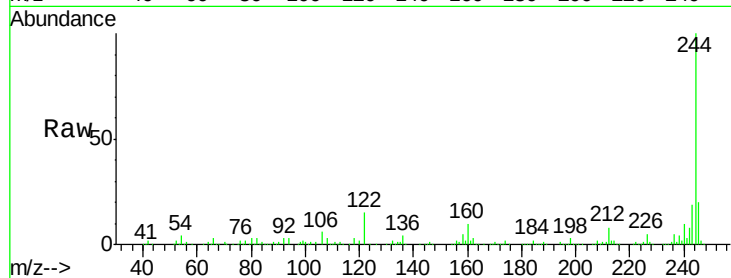




#78
 Terphenyl-d14
 Concen: 71.58 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92432TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	15.4	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF089315.D
 Acq: 26 Jul 2016 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	22.2	17.3	25.9

