

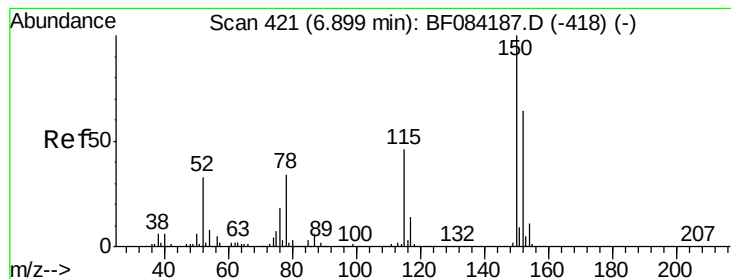
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084333.D
 Acq On : 8 Jan 2016 17:42
 Operator : SJ/UM
 Sample : PB87699TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Quant Time: Jan 08 22:17:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	257775	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1107279	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	510579	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	962930	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	758394	20.00	ng	-0.05
86) Perylene-d12	15.44	264	521251	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1839355	115.41	ng	-0.02
7) Phenol-d6	6.50	99	2129650	106.40	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1700180	85.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	652990	126.68	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2327006	79.79	ng	-0.05
78) Terphenyl-d14	12.97	244	2519537	74.16	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	240553	17.75	ng	# 72
32) Benzoic acid	8.14	122	233	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	66625	8.32	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	66629	6.58	ng	# 21
57) Fluorene	10.68	166	23251	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.68	198	1363	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	38005	3.67	ng	# 1
73) Di-n-butylphthalate	11.95	149	1523	Below Cal		# 79

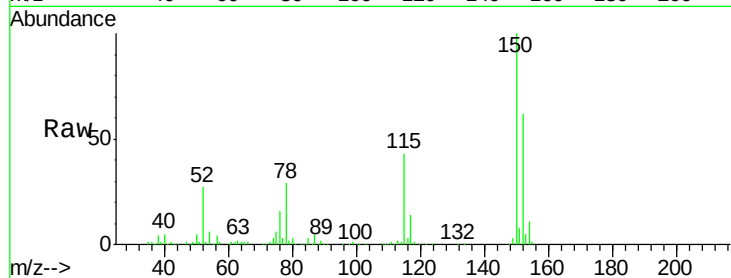
(#) = qualifier out of range (m) = manual integration (+) = signals summed



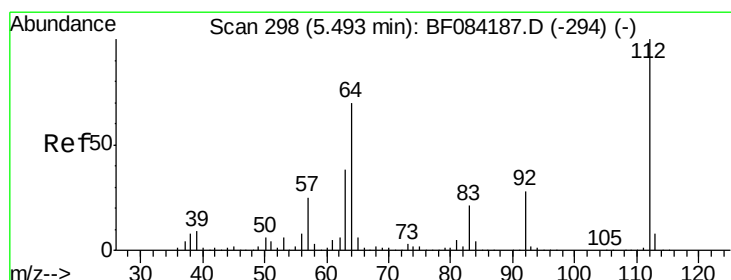
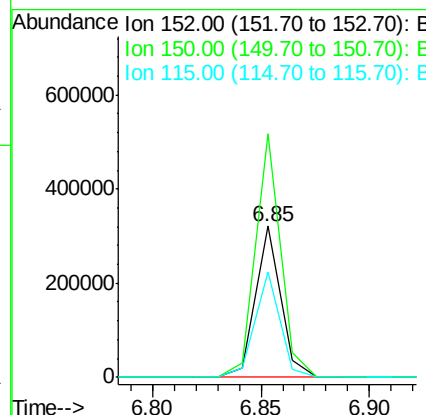
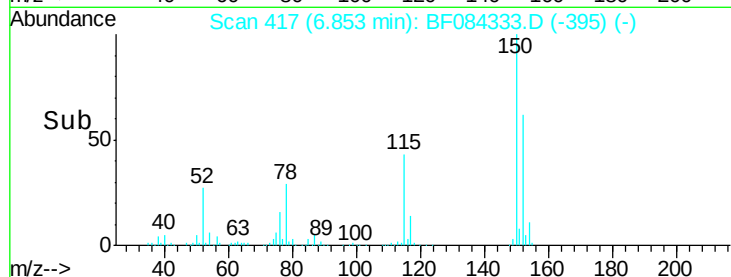
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Tgt Ion:152 Resp: 257775
 Ion Ratio Lower Upper
 152 100
 150 160.9 123.0 184.4
 115 69.7 51.4 77.2

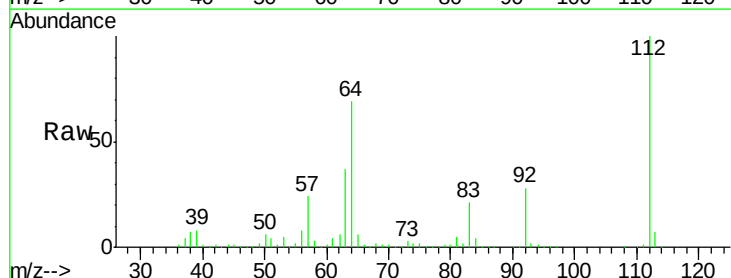


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

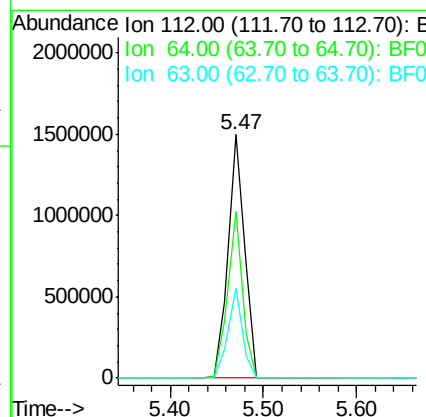
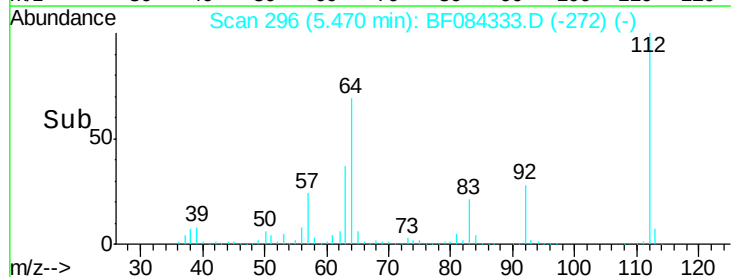


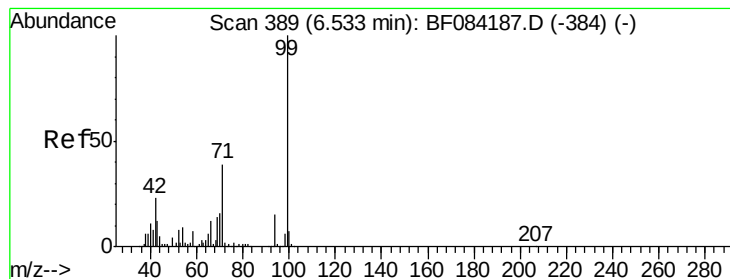
#5
 2-Fluorophenol
 Concen: 115.41 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.02 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion:112 Resp: 1839355
 Ion Ratio Lower Upper
 112 100
 64 68.5 36.6 55.0#
 63 36.7 19.4 29.0#



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: 106.40 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

PB87699TB

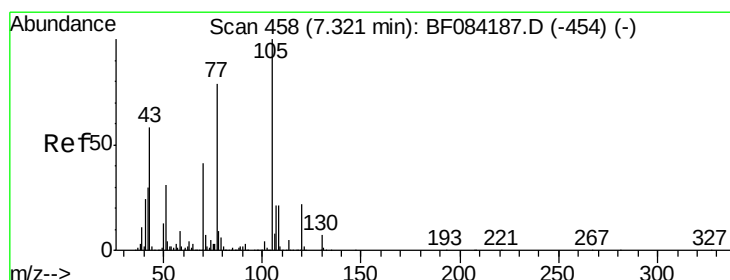
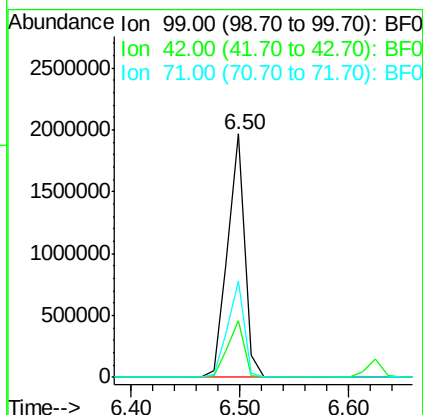
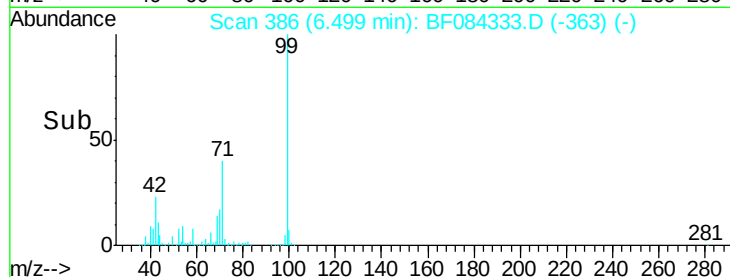
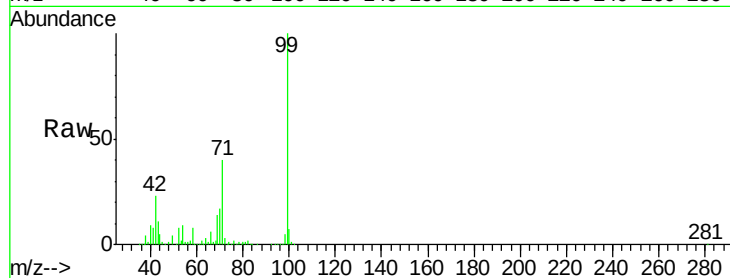
Tgt Ion: 99 Resp: 2129650

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

71 39.8 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.75 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Tgt Ion: 70 Resp: 240553

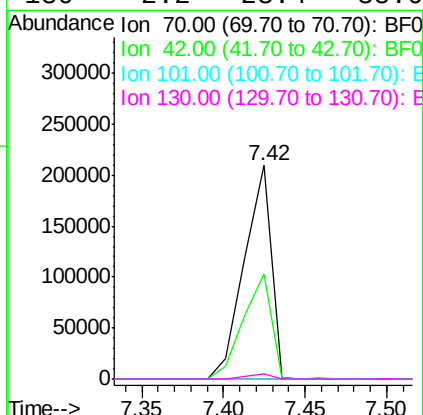
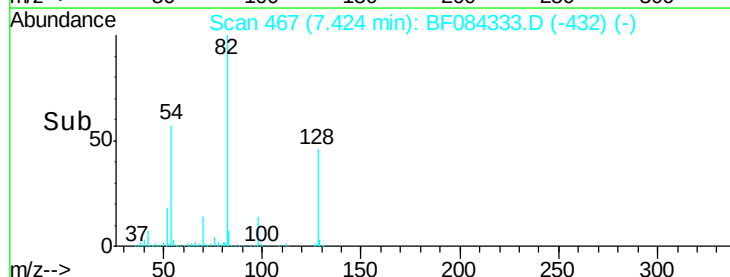
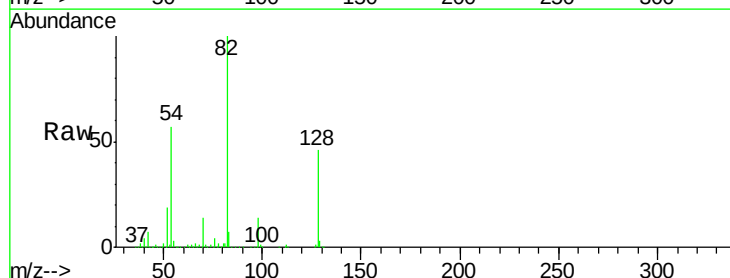
Ion Ratio Lower Upper

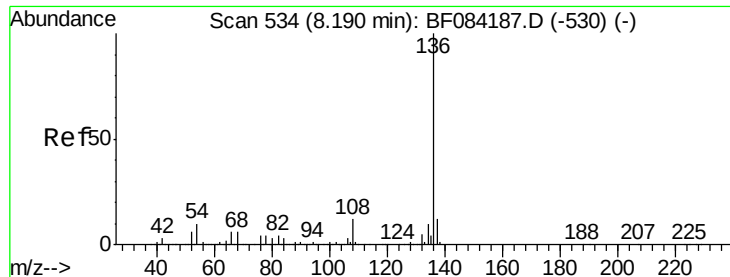
70 100

42 48.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

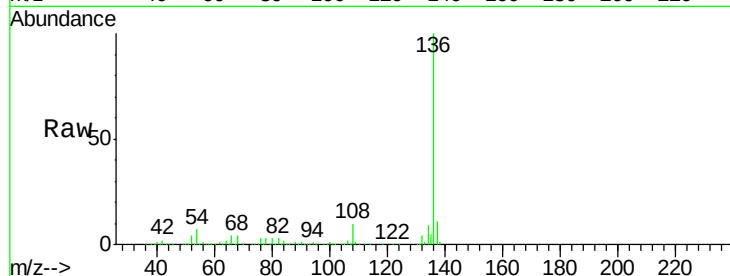




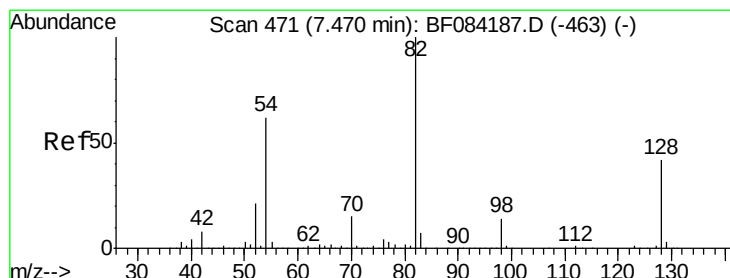
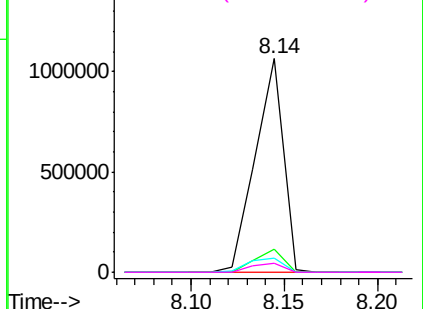
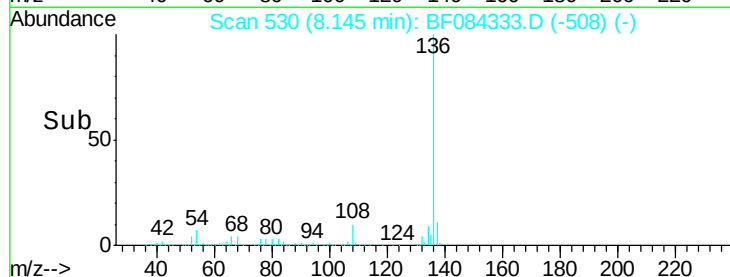
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084333.D
Acq: 8 Jan 2016 17:42

Instrument :
BNA_F
ClientSampleId :
PB87699TB

Tgt Ion:136 Resp: 1107279
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.9 5.8 8.8
68 4.1 4.2 6.2#

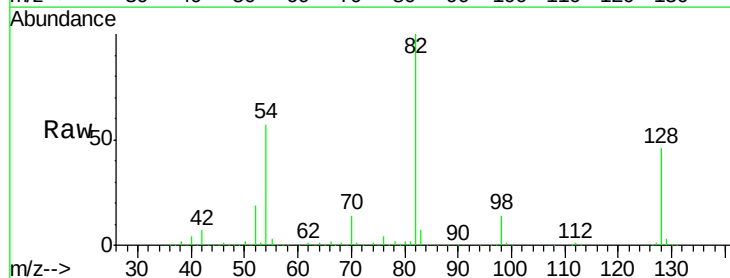


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

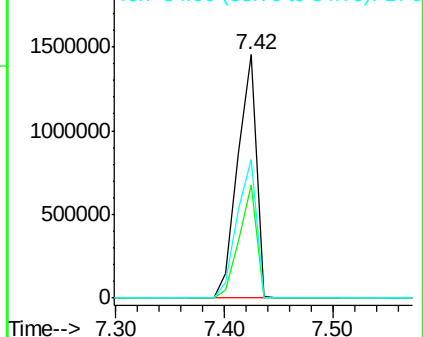
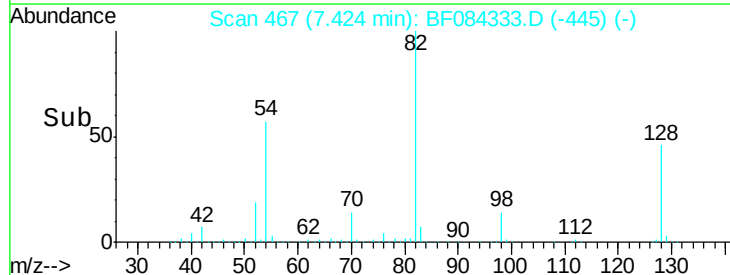


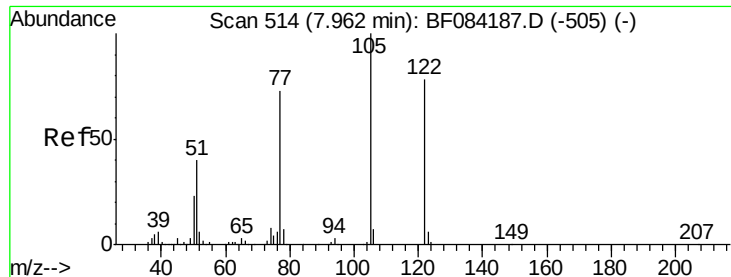
#23
Nitrobenzene-d5
Concen: 85.46 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084333.D
Acq: 8 Jan 2016 17:42

Tgt Ion: 82 Resp: 1700180
Ion Ratio Lower Upper
82 100
128 46.5 34.6 51.8
54 57.1 38.4 57.6



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





#32

Benzoic acid

Concen: 6.27 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.18 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Instrument :

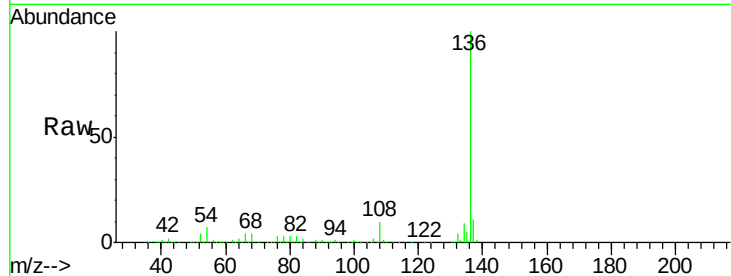
BNA_F

ClientSampleId :

PB87699TB

Tgt Ion:122 Resp: 233

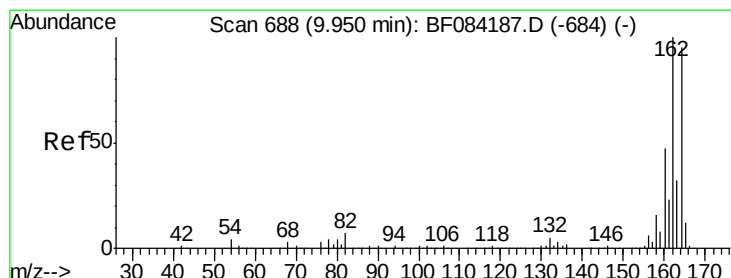
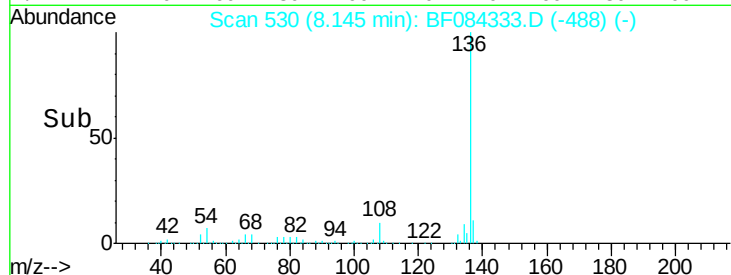
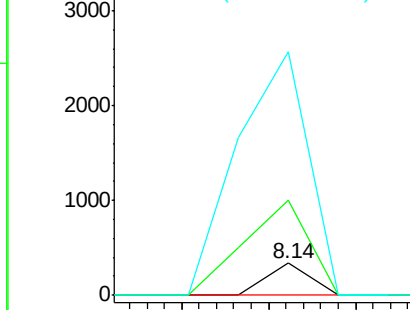
Ion	Ratio	Lower	Upper
122	100		
105	293.2	100.3	140.3#
77	754.7	63.5	103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

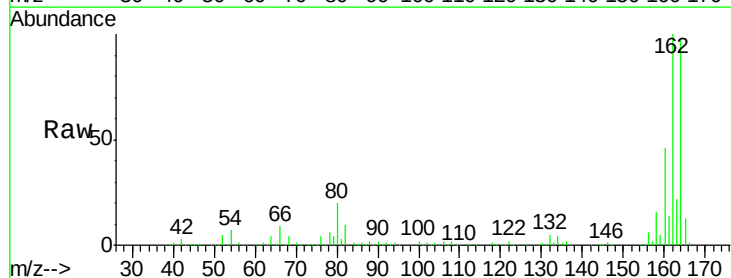
Delta R.T. -0.06 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Tgt Ion:164 Resp: 510579

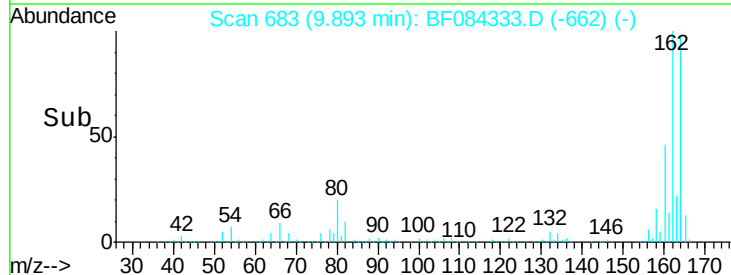
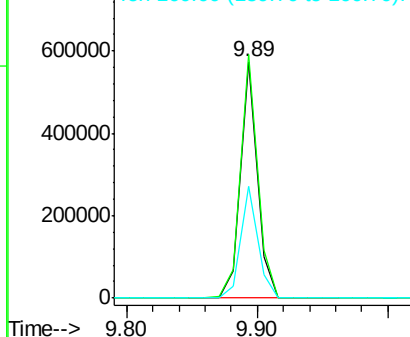
Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.5	37.5	56.3

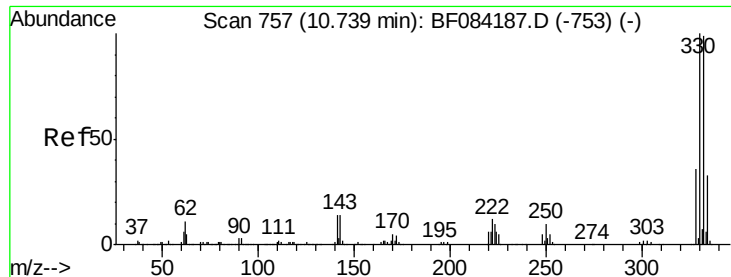


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

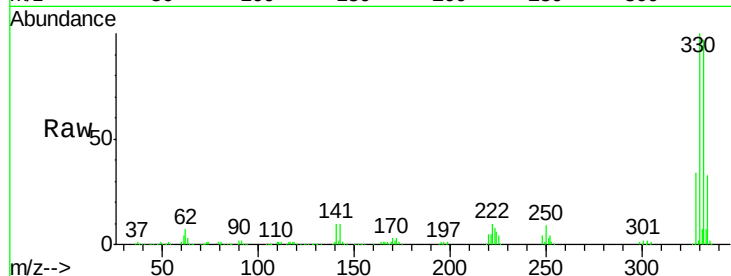




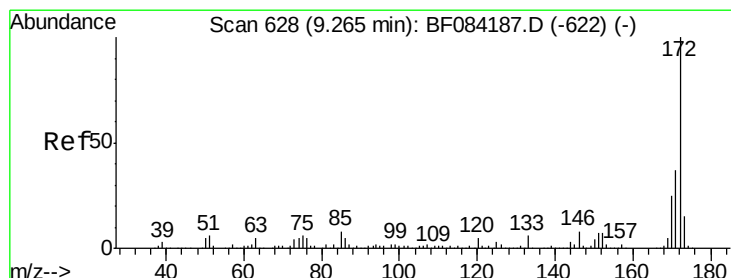
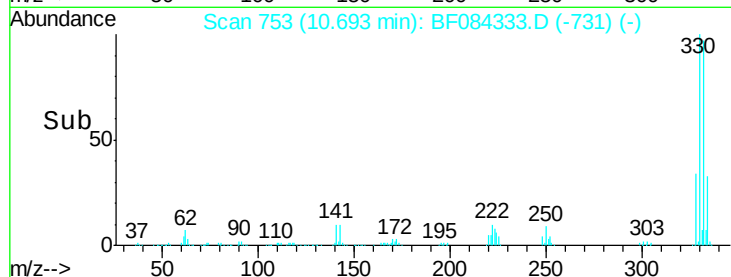
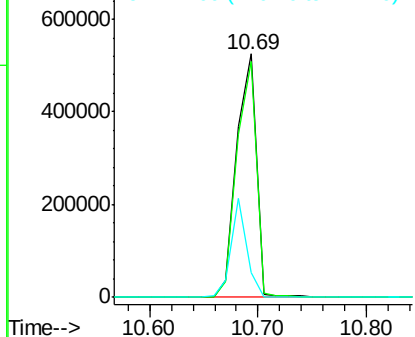
#41
 2,4,6-Tribromophenol
 Concen: 126.68 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Tgt Ion:330 Resp: 652990
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.7 27.8 41.6

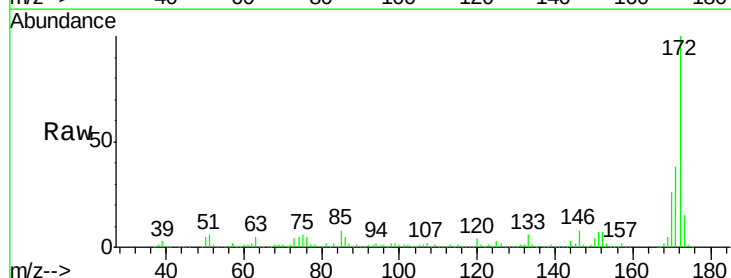


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

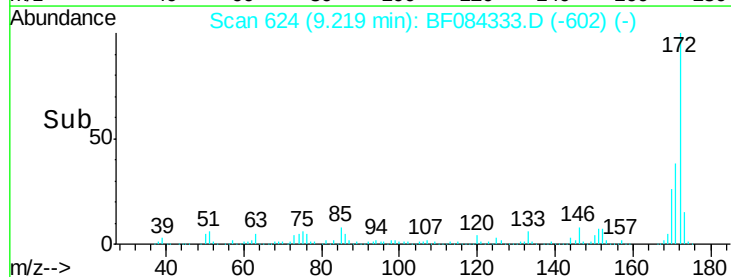
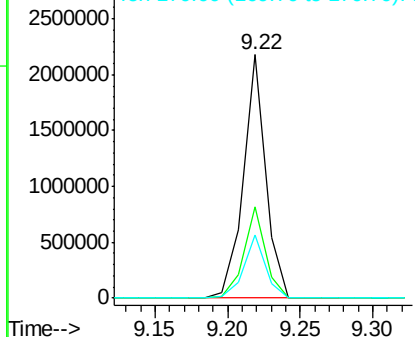


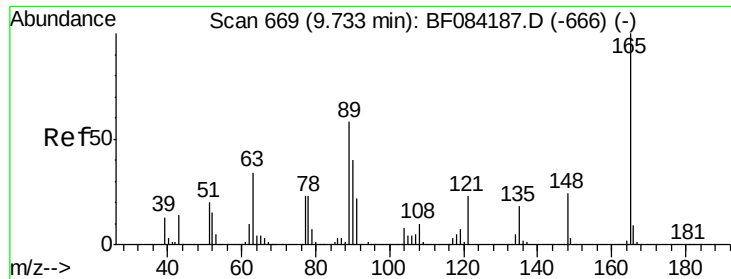
#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion:172 Resp: 2327006
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 26.1 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

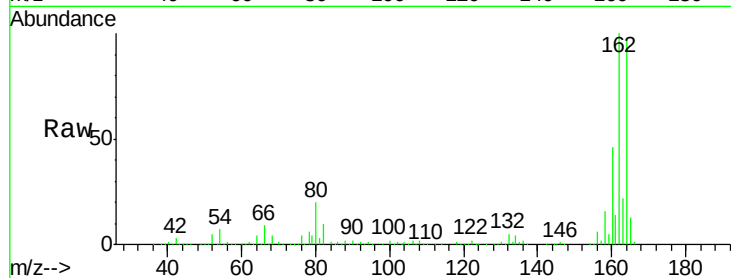




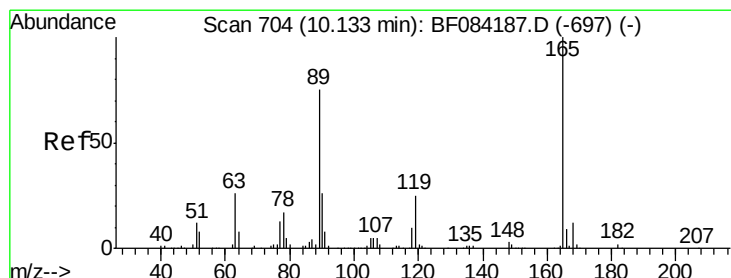
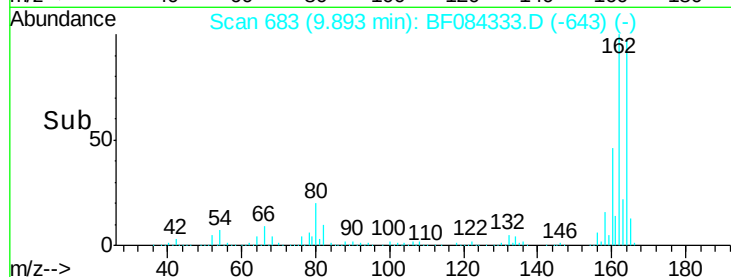
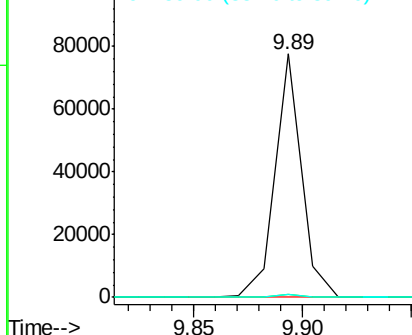
#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Tgt Ion:165 Resp: 66625
 Ion Ratio Lower Upper
 165 100
 63 1.2 28.8 43.2#
 89 1.3 35.1 52.7#

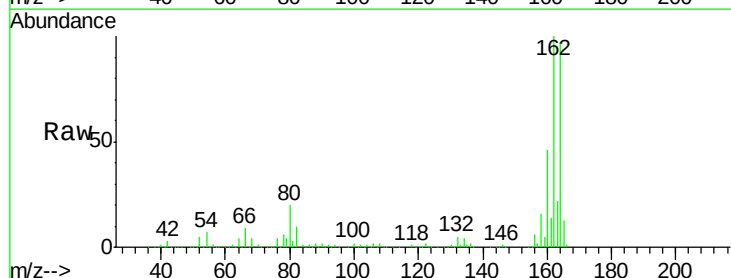


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

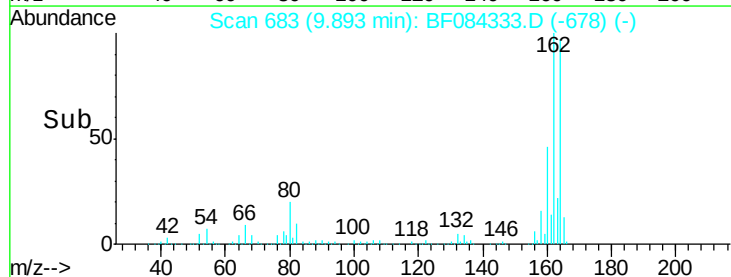
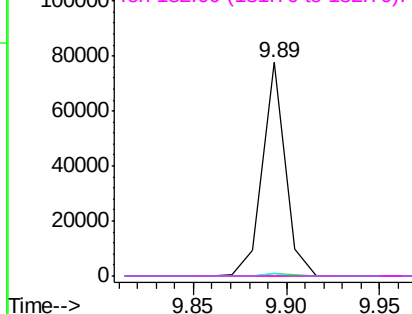


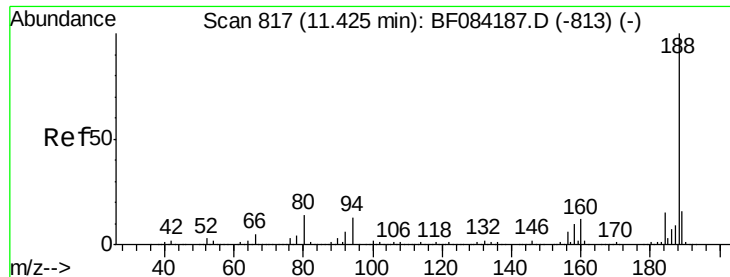
#56
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion:165 Resp: 66629
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.3 61.9 92.9#
 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

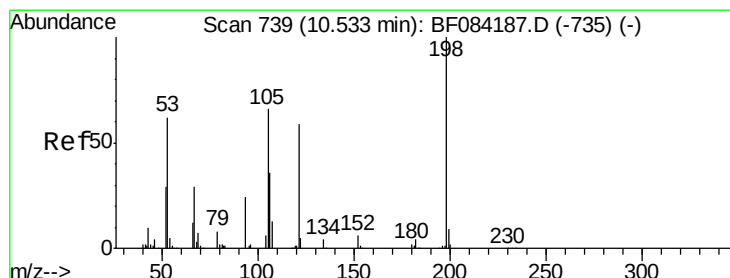
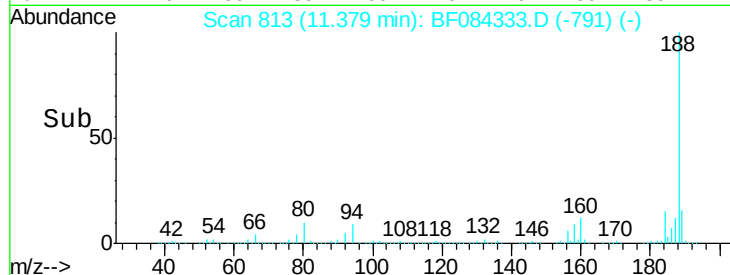
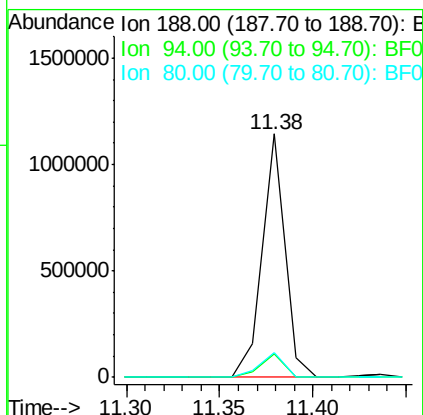
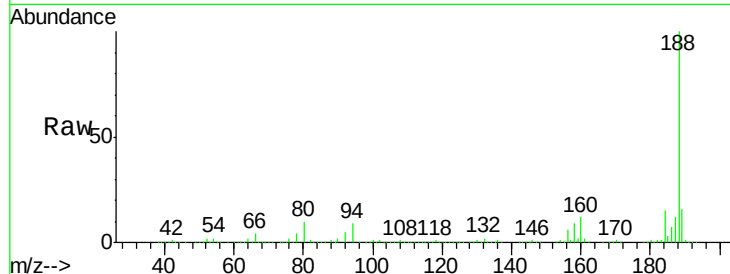




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

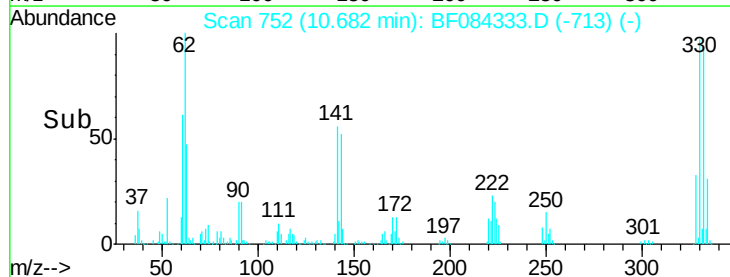
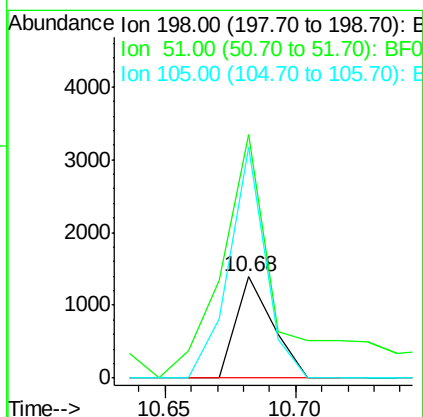
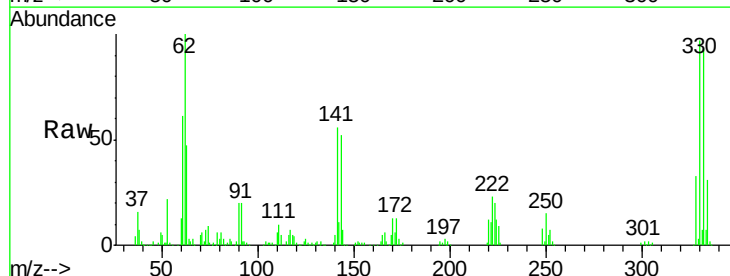
Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

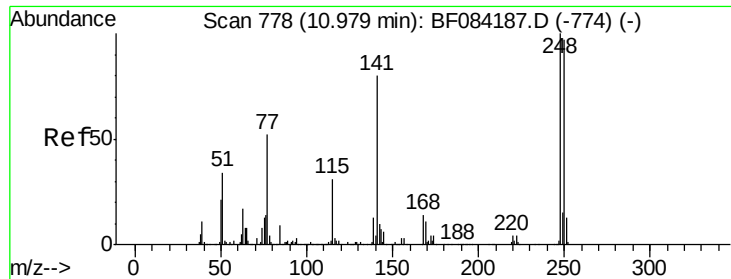
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	10.4	9.6	14.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.59 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	240.7	18.9	58.9#
105	228.6	26.4	66.4#

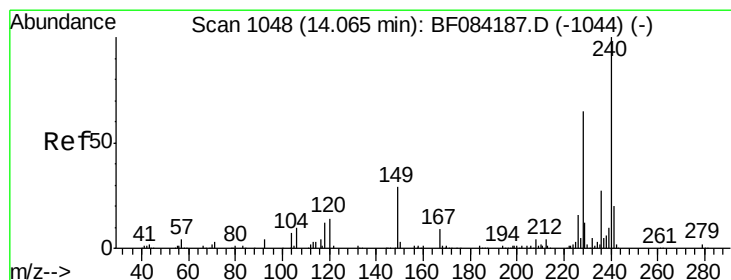
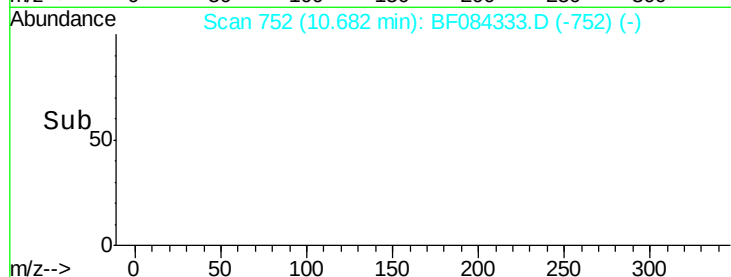
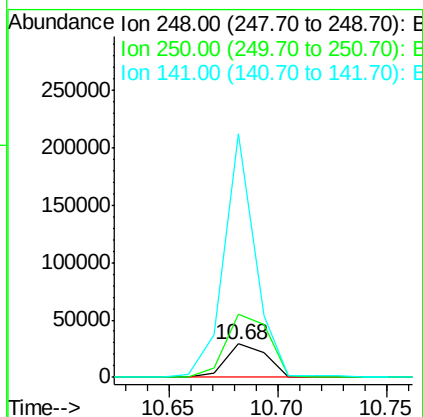
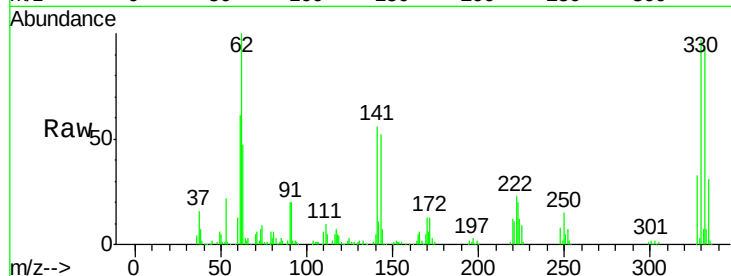




#66
 4-Bromophenyl-phenylether
 Concen: 3.67 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

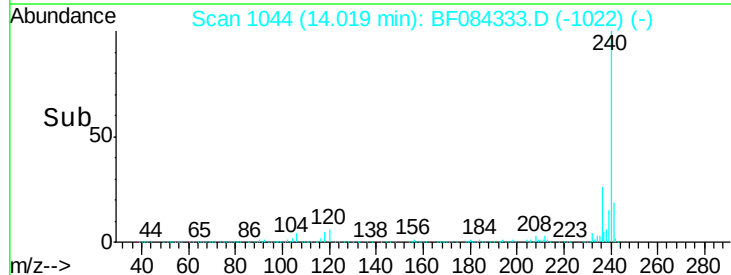
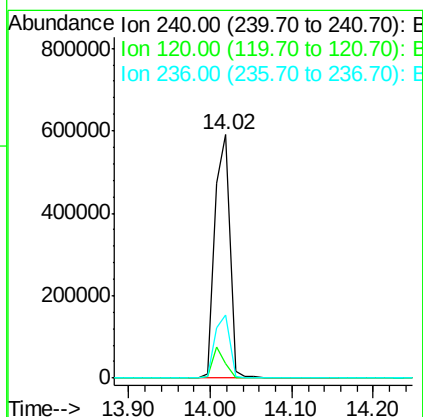
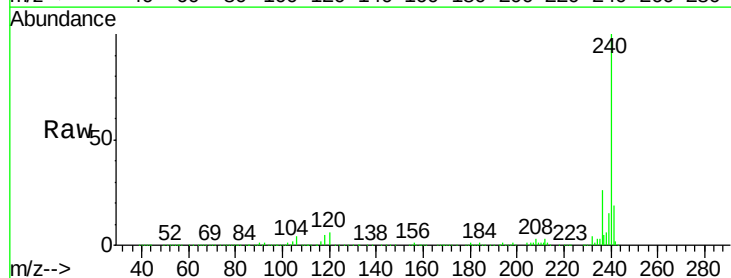
Instrument :
 BNA_F
 ClientSampled :
 PB87699TB

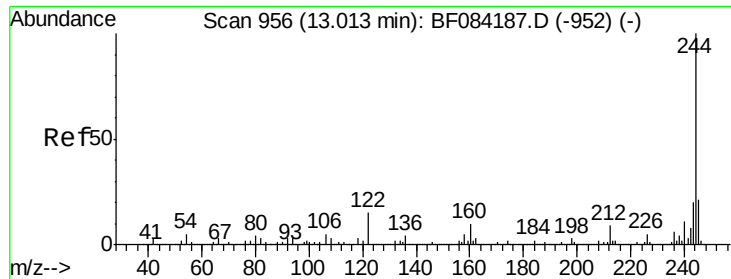
Tgt Ion:248 Resp: 38005
 Ion Ratio Lower Upper
 248 100
 250 190.5 78.4 117.6#
 141 730.8 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion:240 Resp: 758394
 Ion Ratio Lower Upper
 240 100
 120 5.8 9.5 14.3#
 236 25.9 20.6 31.0





#78

Terphenyl-d14

Concen: 74.16 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Instrument :

BNA_F

ClientSampled :

PB87699TB

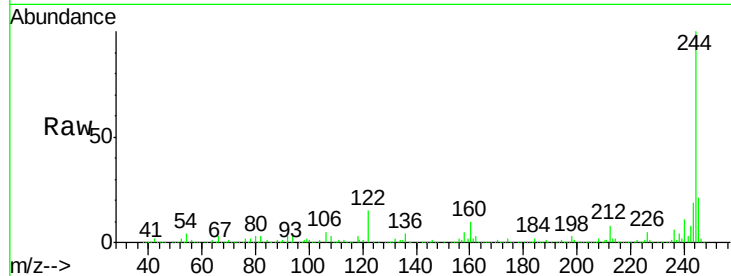
Tgt Ion:244 Resp: 2519537

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

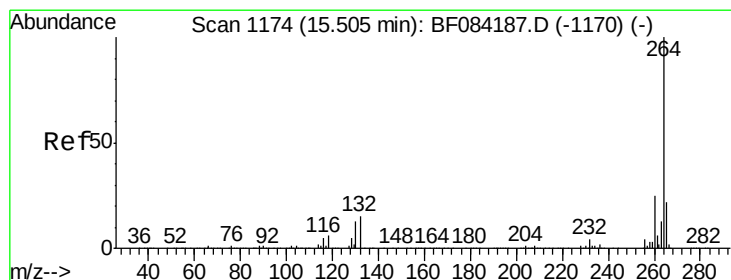
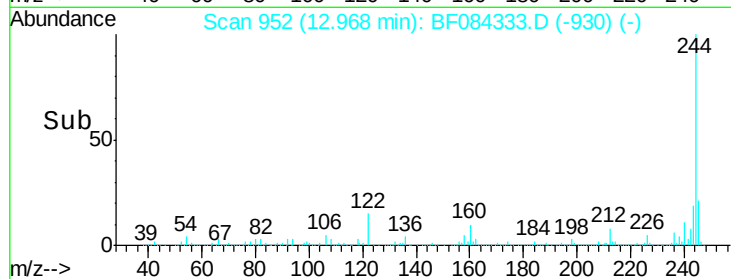
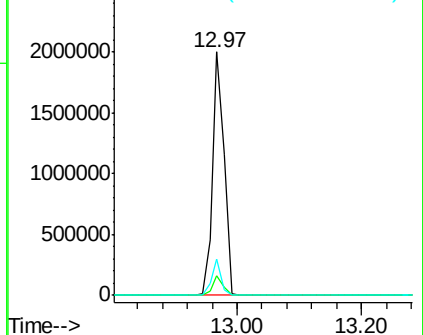
122 15.1 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

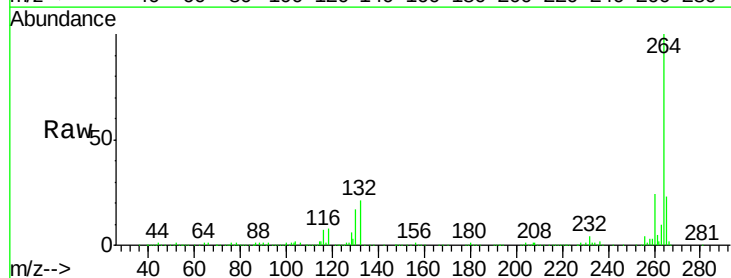
Tgt Ion:264 Resp: 521251

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

