

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088624.D
 Acq On : 2 Jul 2016 18:37
 Operator : UM/SJ
 Sample : H3847-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

Quant Time: Jul 03 03:04:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

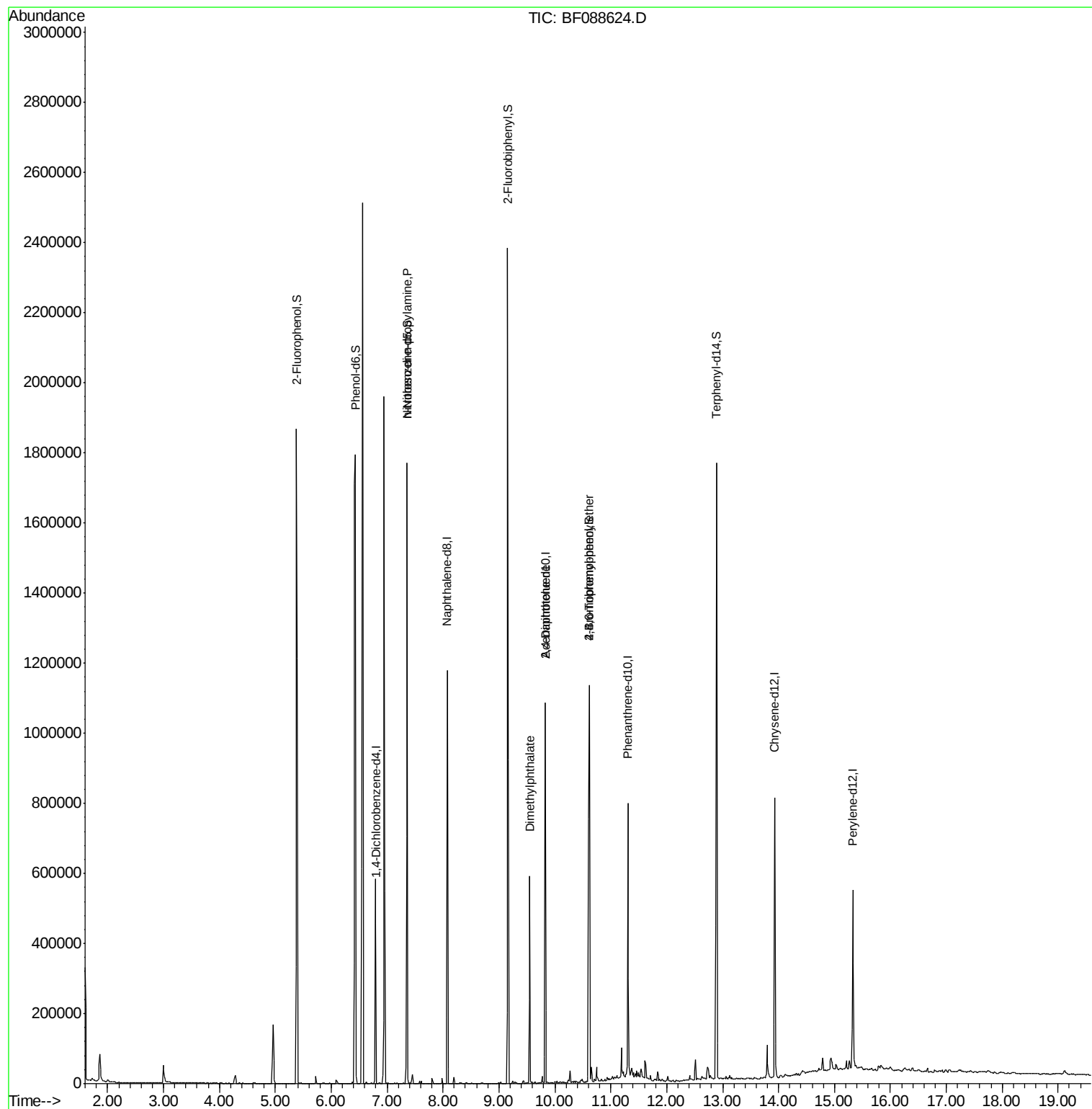
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117755	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	472046	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192782	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	288704	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	232212	20.00	ng	-0.02
86) Perylene-d12	15.33	264	230518	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	702763	89.44	ng	-0.02
7) Phenol-d6	6.43	99	998165	98.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	618705	68.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	164290	91.77	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	808990	66.29	ng	-0.02
78) Terphenyl-d14	12.89	244	497865	47.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	83681	12.27	ng	# 72
49) Dimethylphthalate	9.55	163	266320	19.39	ng	98
56) 2,4-Dinitrotoluene	9.83	165	24885	6.25	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	10977	3.77	ng	# 1

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

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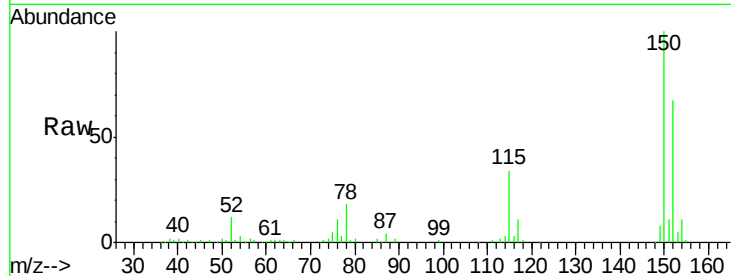


#1

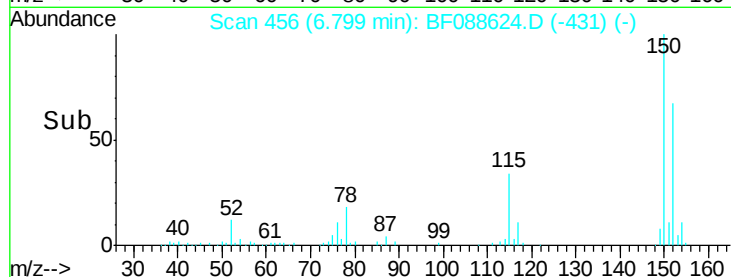
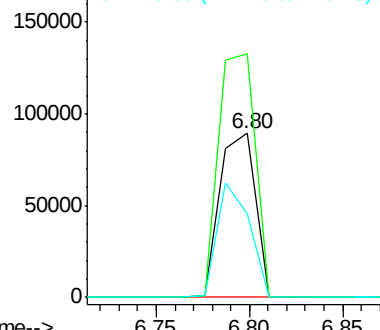
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Instrument :
BNA_F
ClientSampleId :
S4-B4(0-11)C

Tgt Ion:152 Resp: 117755
Ion Ratio Lower Upper
152 100
150 148.5 123.8 185.6
115 50.9 39.6 59.4



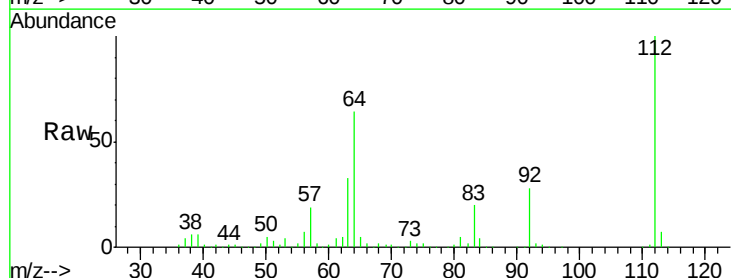
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



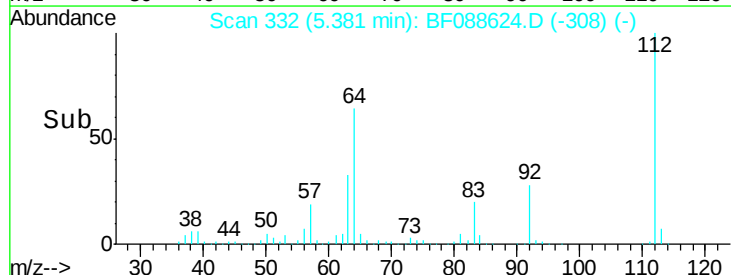
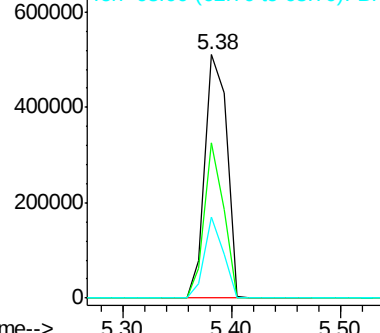
#5

2-Fluorophenol
Concen: 89.44 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Tgt Ion:112 Resp: 702763
Ion Ratio Lower Upper
112 100
64 63.9 42.2 63.2#
63 33.3 21.8 32.8#



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: 98.32 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

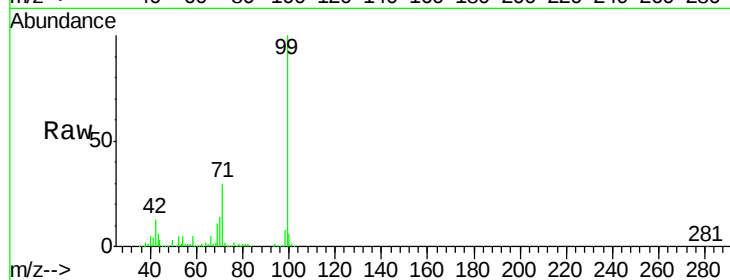
Tgt Ion: 99 Resp: 998165

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

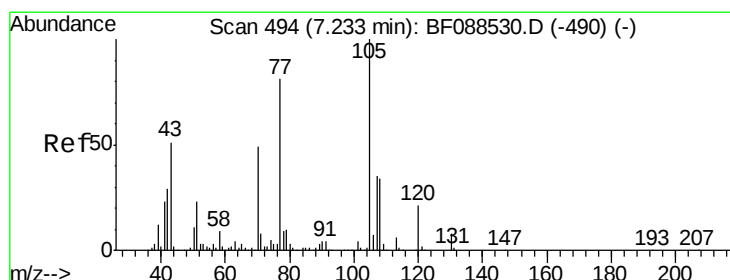
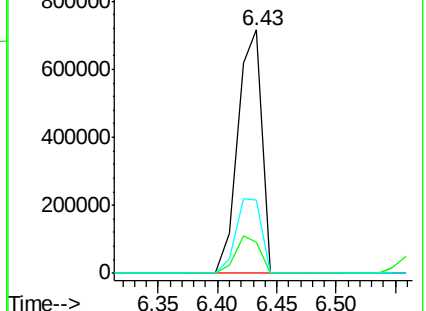
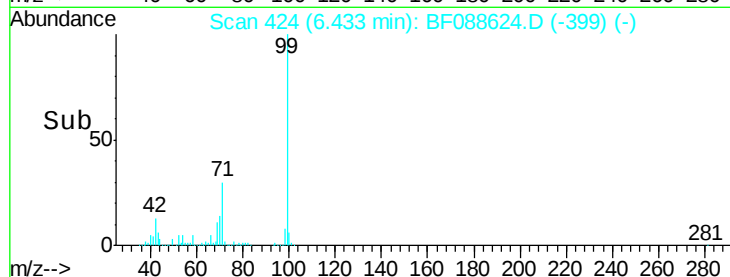
71 30.4 23.4 35.0



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: 12.27 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Tgt Ion: 70 Resp: 83681

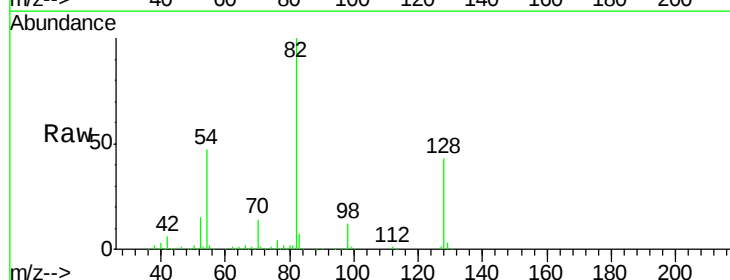
Ion Ratio Lower Upper

70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

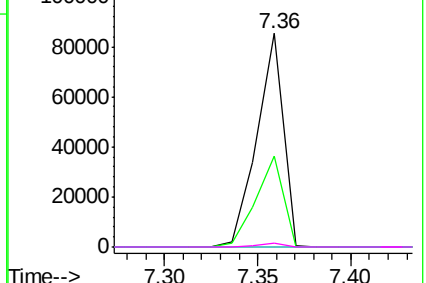
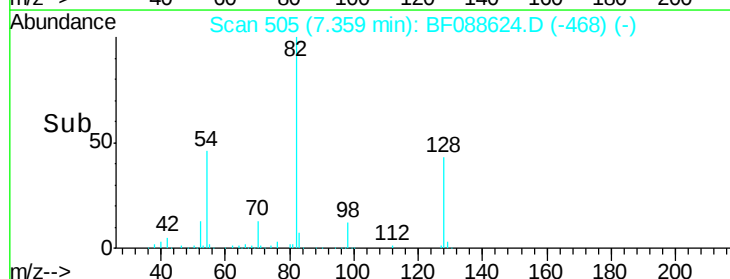


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

Tgt Ion:136 Resp: 472046

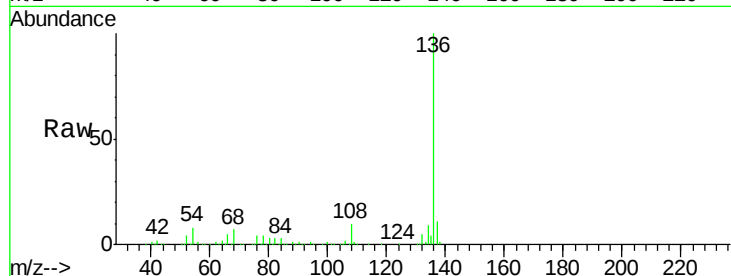
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.5 6.6 10.0

68 6.5 5.1 7.7

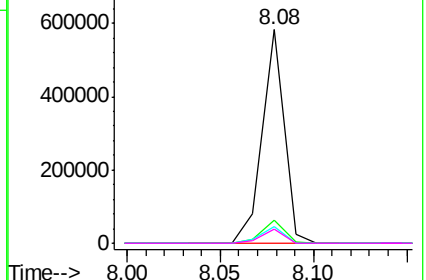
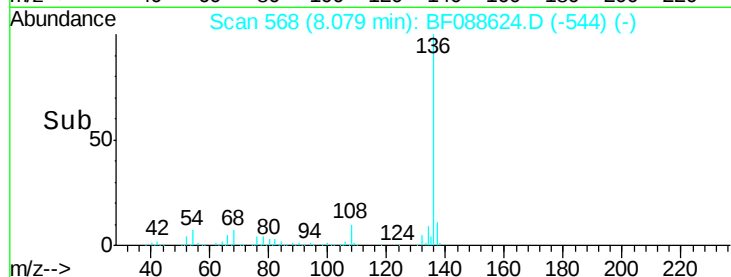


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.69 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

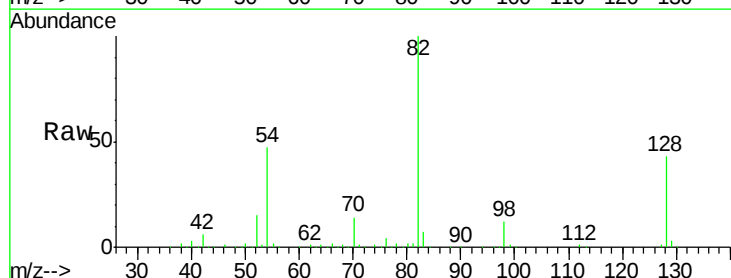
Tgt Ion: 82 Resp: 618705

Ion Ratio Lower Upper

82 100

128 43.4 35.9 53.9

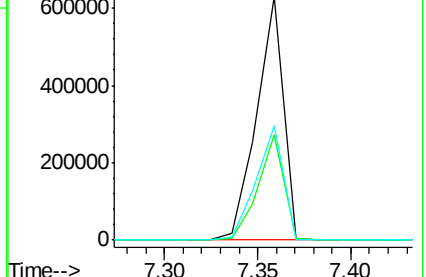
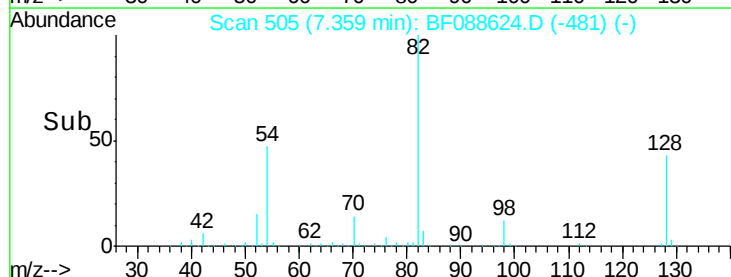
54 46.9 40.9 61.3

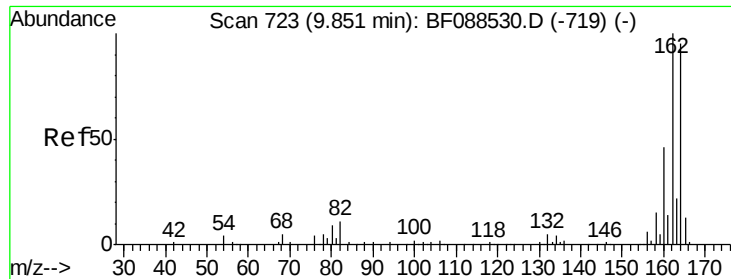


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

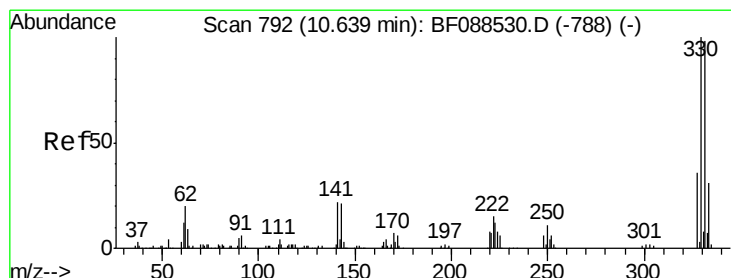
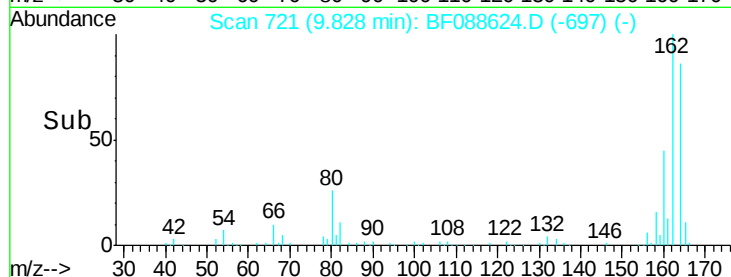
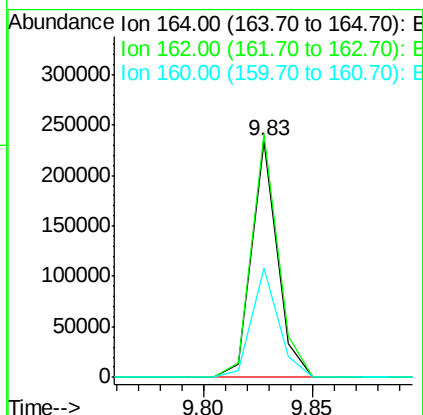
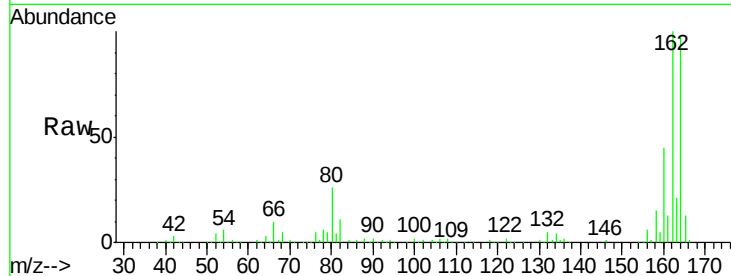




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

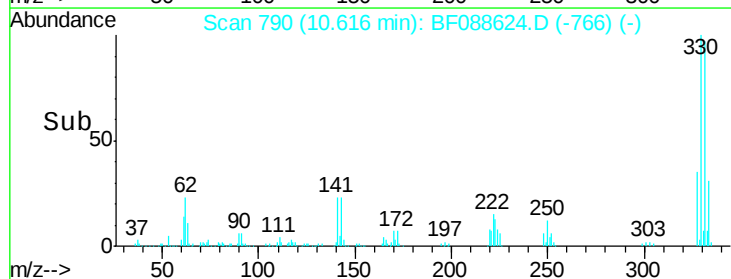
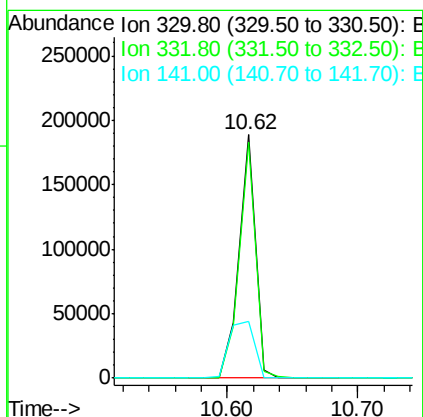
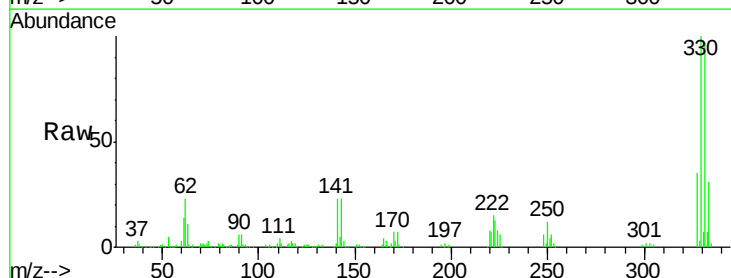
Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

Tgt Ion:164 Resp: 192782
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.4 128.2
 160 46.2 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Tgt Ion:330 Resp: 164290
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 36.1 0.0 0.0#

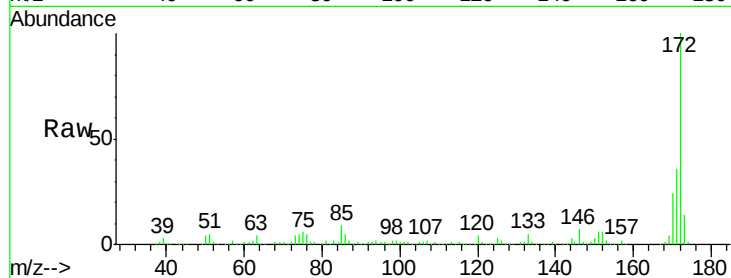




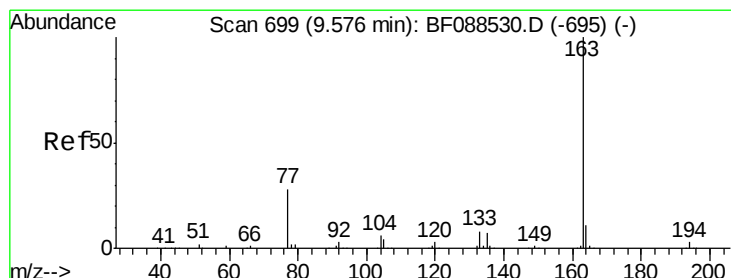
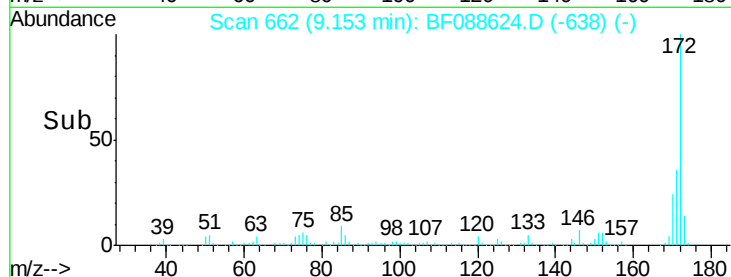
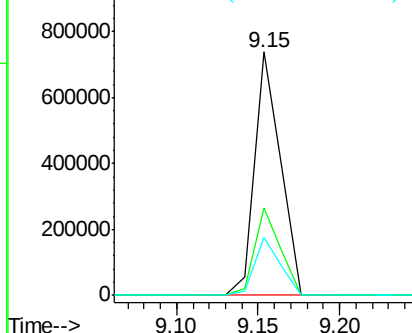
#44
2-Fluorobiphenyl
Concen: 66.29 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Instrument :
BNA_F
ClientSampleId :
S4-B4(0-11)C

Tgt Ion:172 Resp: 808990
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.2 28.8

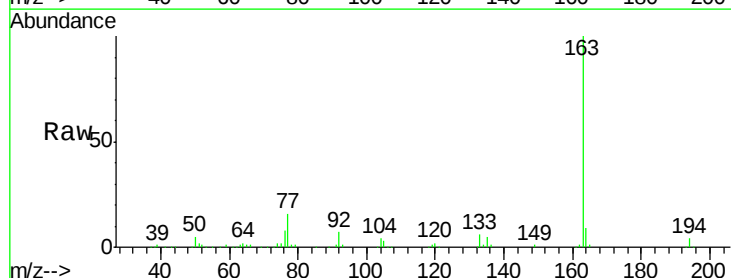


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

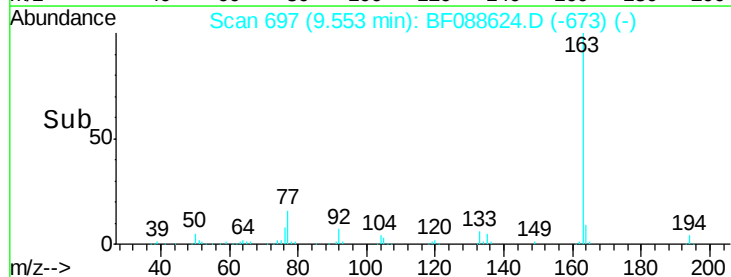
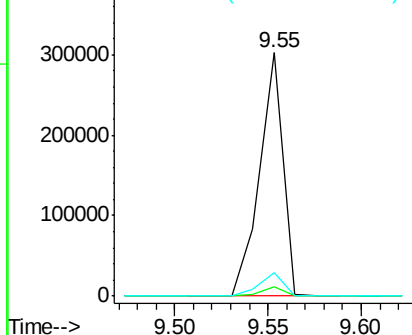


#49
Dimethylphthalate
Concen: 19.39 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Tgt Ion:163 Resp: 266320
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

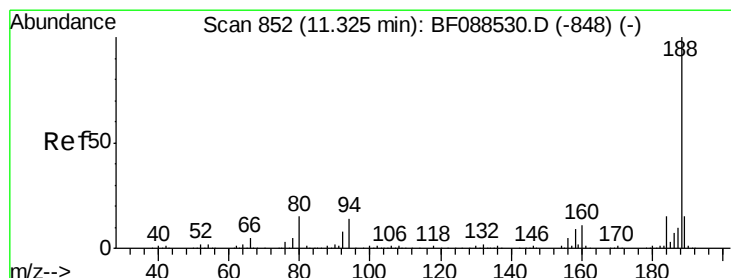
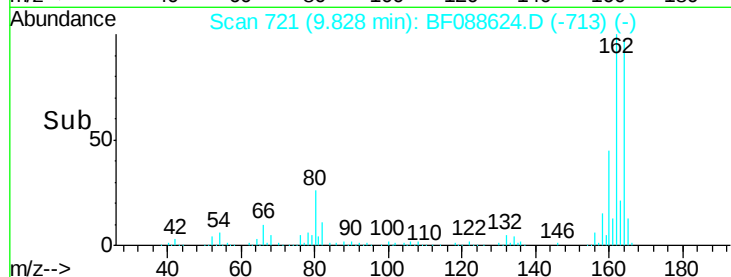
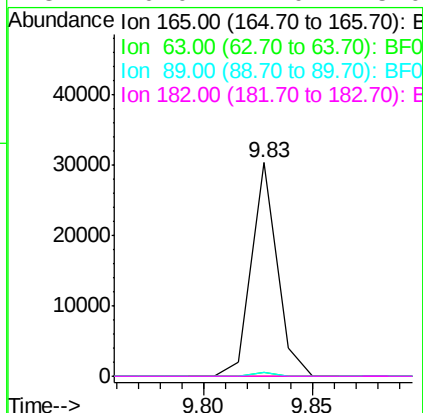
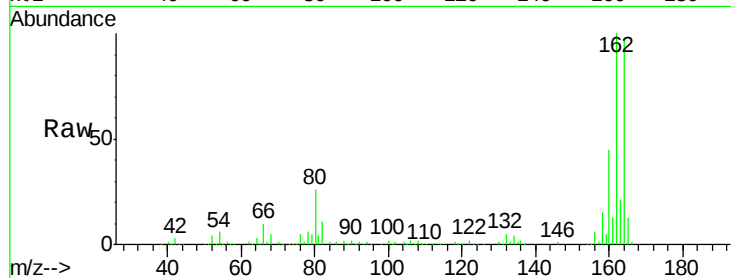




#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

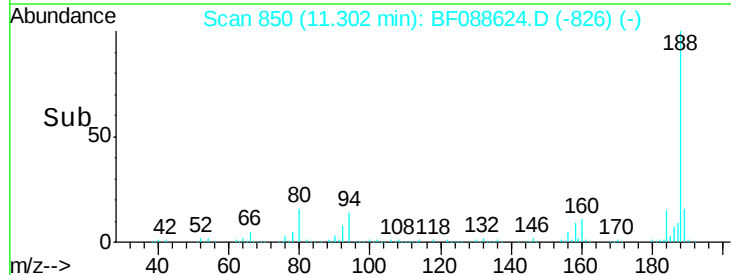
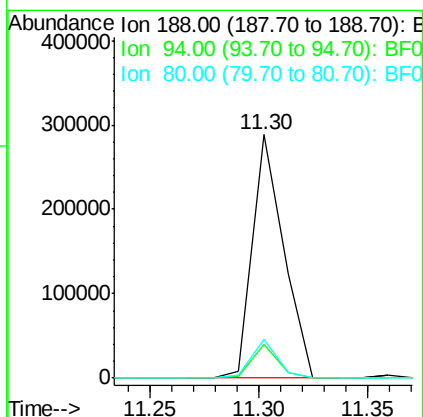
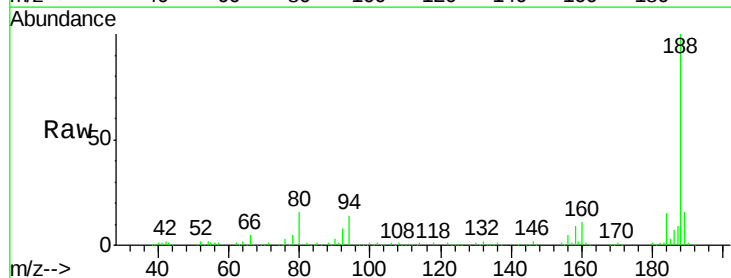
Instrument :
BNA_F
ClientSampleId :
S4-B4(0-11)C

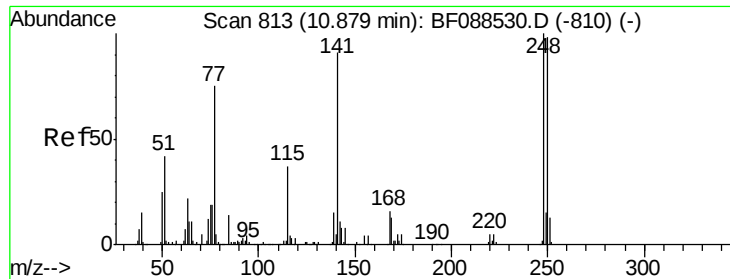
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	9.0	13.6#
80	16.0	10.0	15.0#





#66

4-Bromophenyl-phenylether

Concen: 3.77 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.26 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

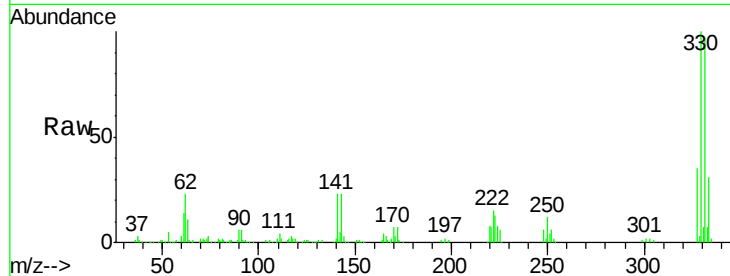
Tgt Ion:248 Resp: 10977

Ion Ratio Lower Upper

248 100

250 195.9 77.1 115.7#

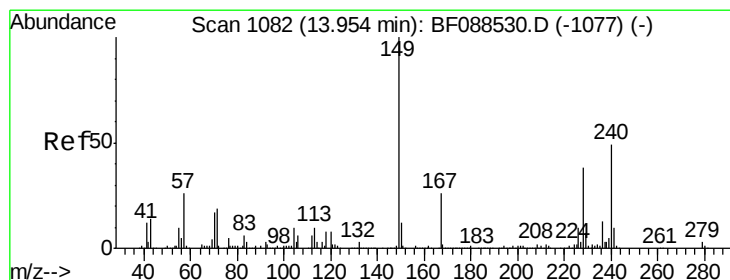
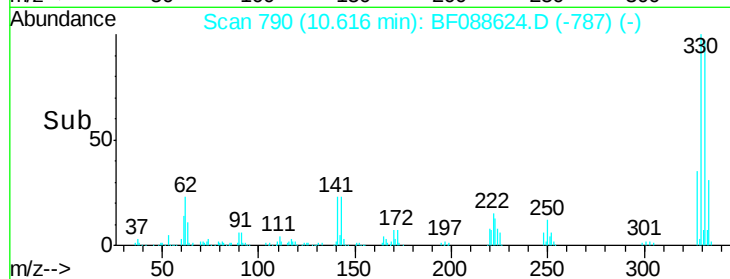
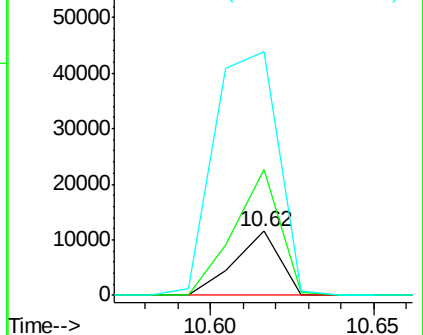
141 380.4 50.6 76.0#



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: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

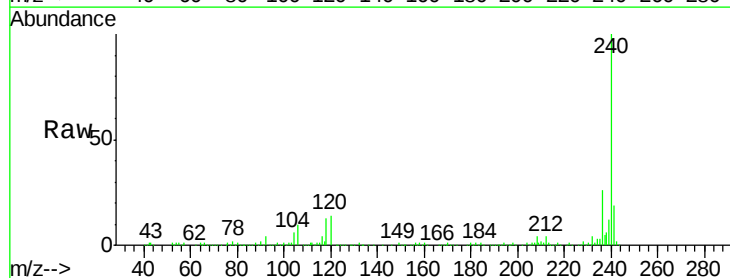
Tgt Ion:240 Resp: 232212

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

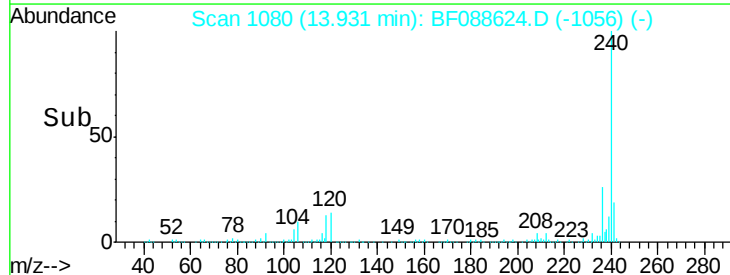
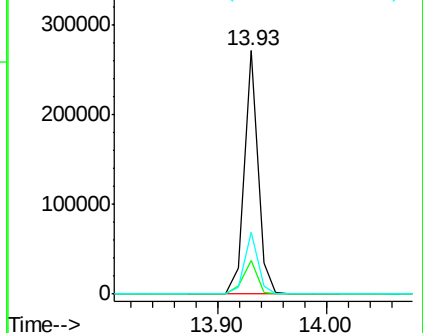
236 25.5 20.2 30.2

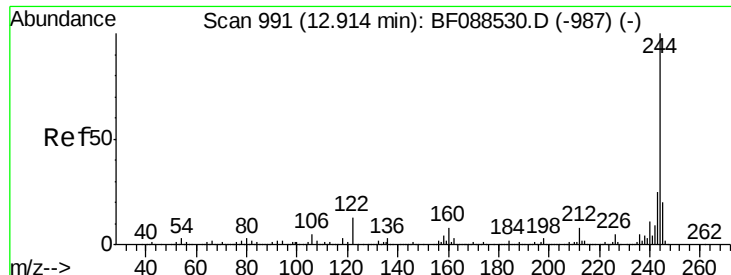


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

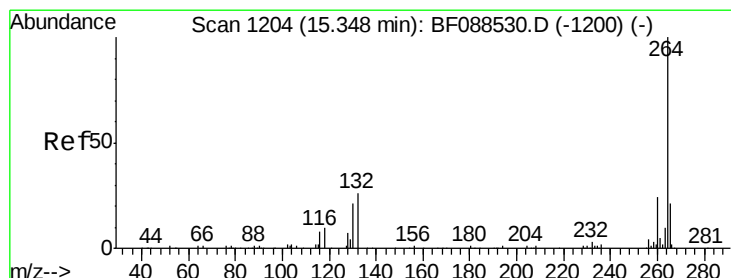
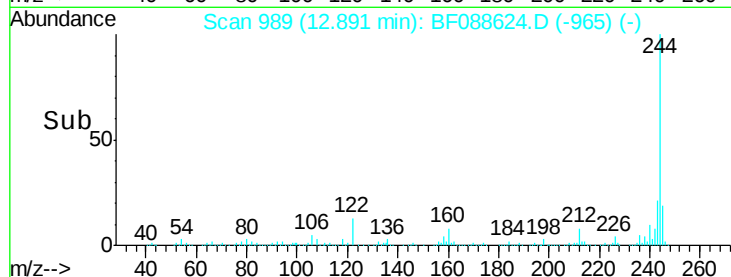
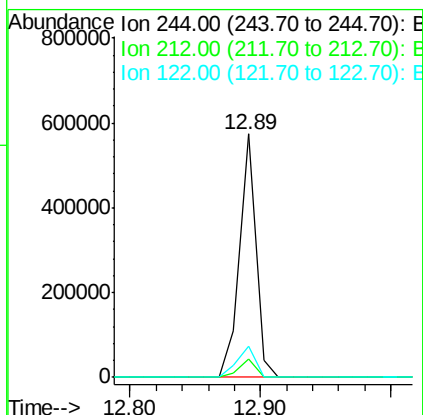
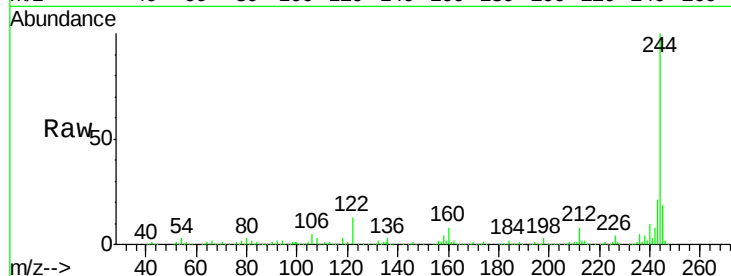




#78
 Terphenyl-d14
 Concen: 47.75 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.0	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3

