

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088606.D
 Acq On : 2 Jul 2016 6:57
 Operator : UM/SJ
 Sample : H3831-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 07:11:40 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

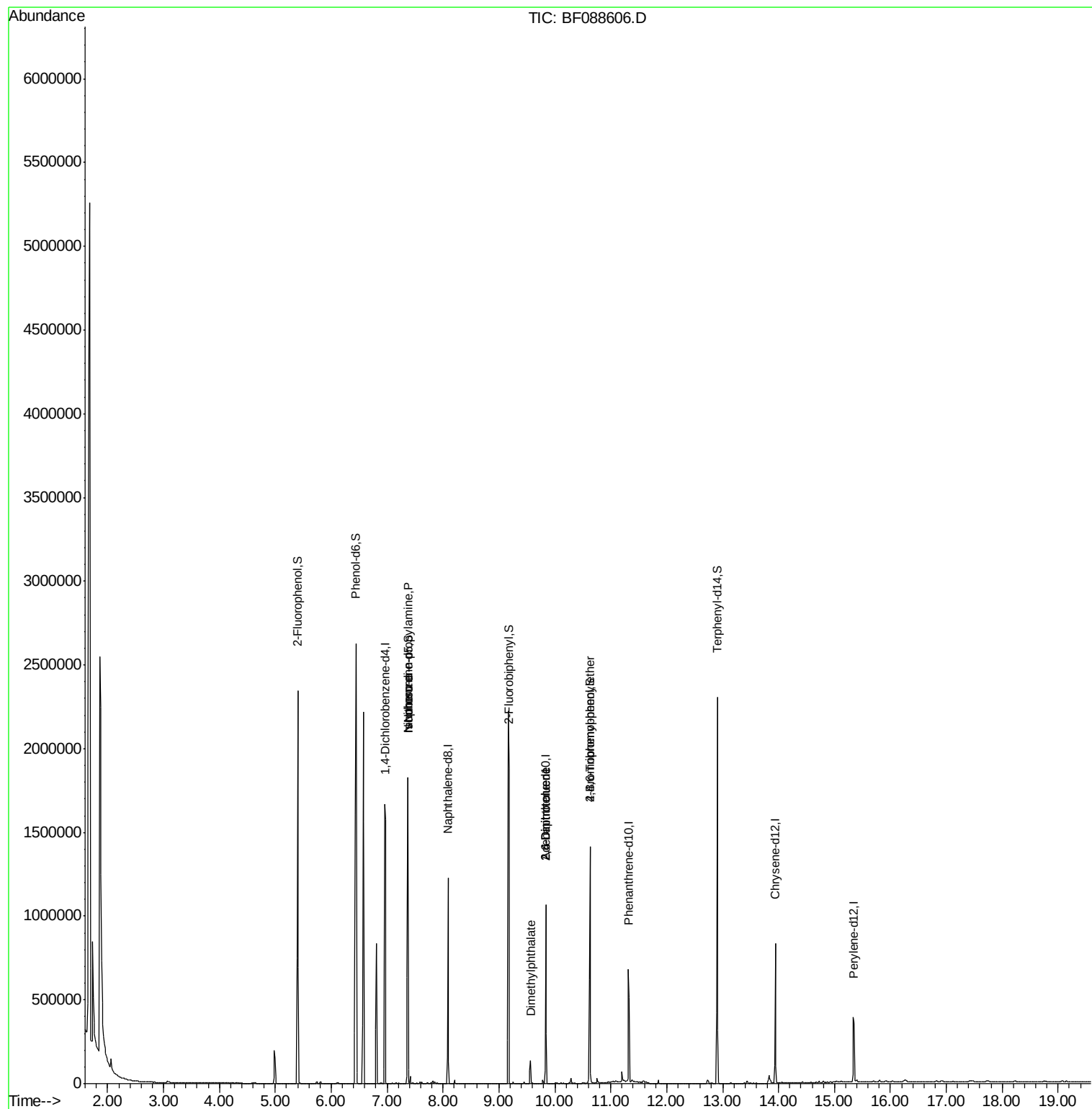
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	381394	20.00	ng	0.16
21) Naphthalene-d8	8.09	136	493100	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	200823	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	320561	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	248982	20.00	ng	-0.01
86) Perylene-d12	15.35	264	205993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	763906	30.02	ng	0.00
7) Phenol-d6	6.44	99	1128970	34.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	625146	66.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	171359	91.89	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1030413	81.05	ng	0.00
78) Terphenyl-d14	12.90	244	657569	58.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85825	3.89	ng	# 74
25) Isophorone	7.37	82	460528	26.42	ng	# 65
49) Dimethylphthalate	9.56	163	69273	4.84	ng	99
50) 2,6-Dinitrotoluene	9.84	165	25840	8.15	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	25843	6.23	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	11992	3.71	ng	# 1

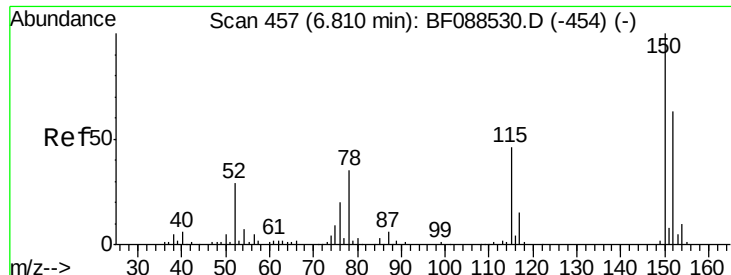
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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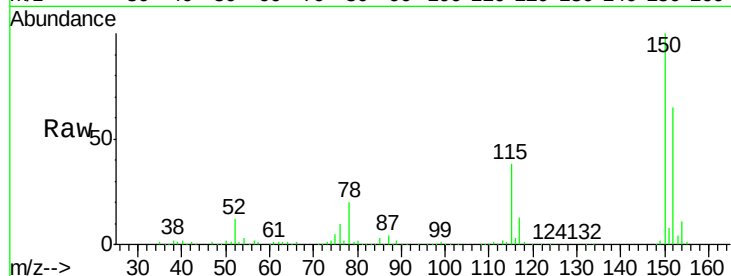


#1

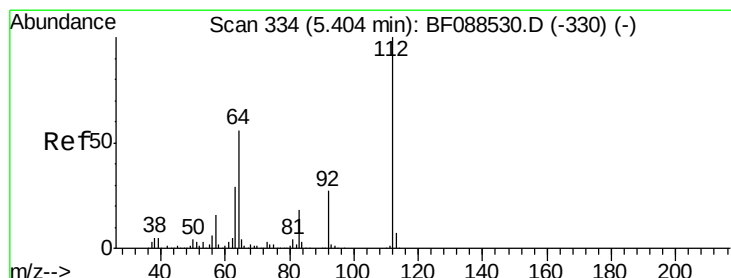
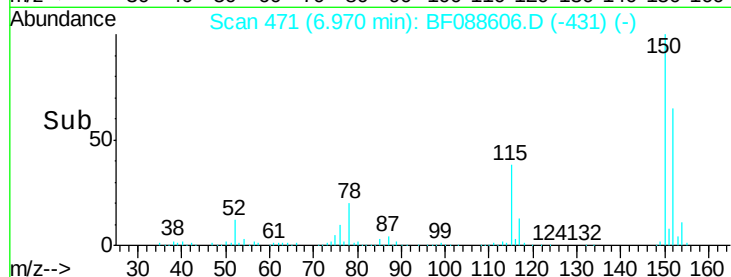
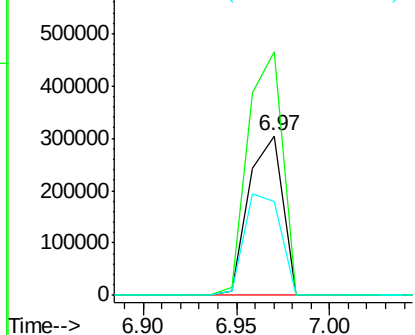
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.16 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 381394
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 58.9 39.6 59.4



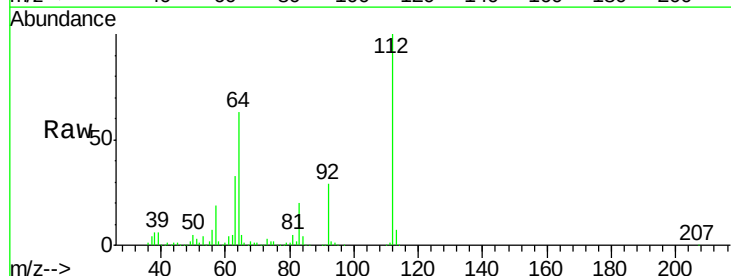
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



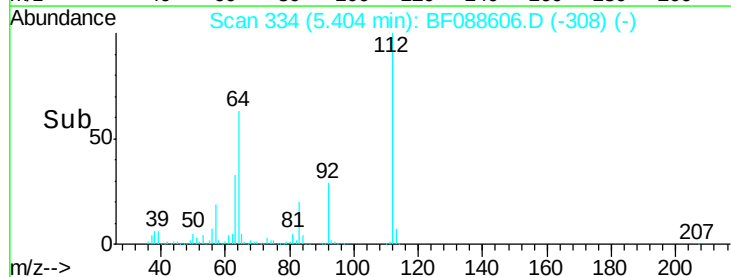
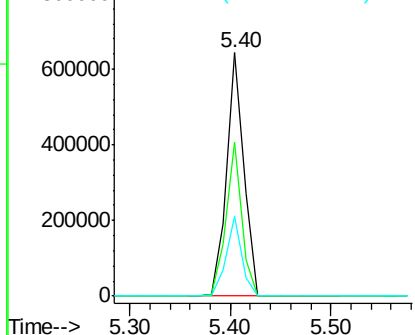
#5

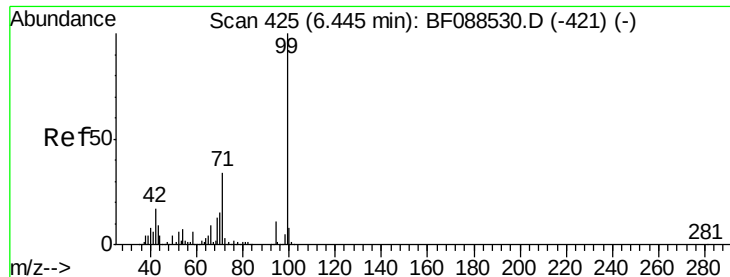
2-Fluorophenol
Concen: 30.02 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Tgt Ion:112 Resp: 763906
Ion Ratio Lower Upper
112 100
64 63.2 42.2 63.2
63 32.8 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: 34.33 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

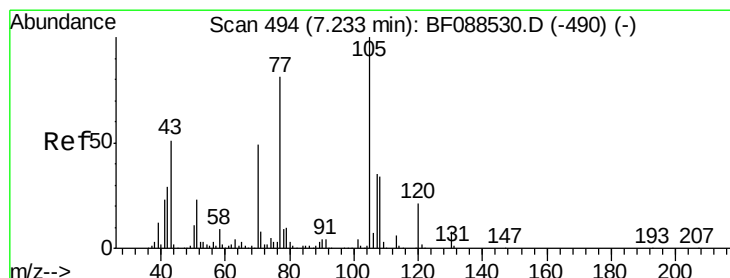
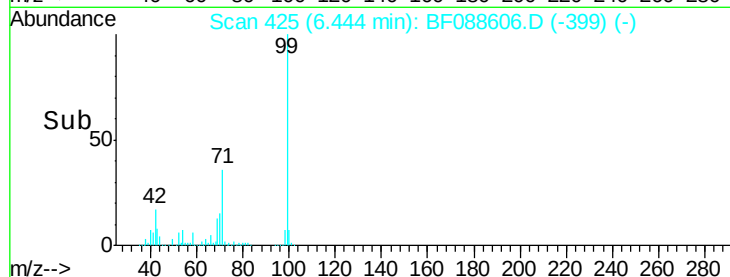
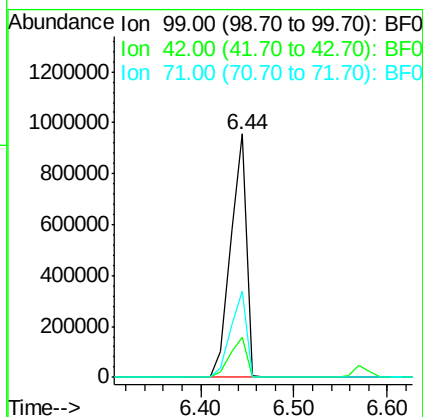
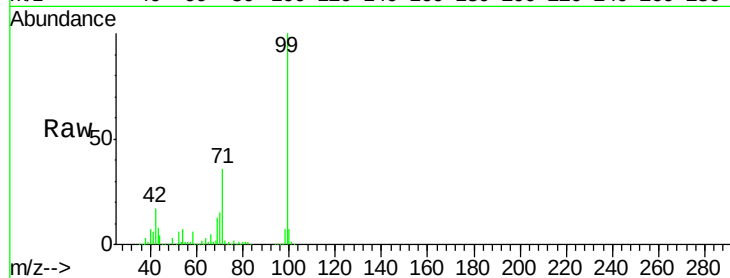
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1128970

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.2	18.2
71	35.6	23.4	35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 3.89 ng

RT: 7.37 min Scan# 506

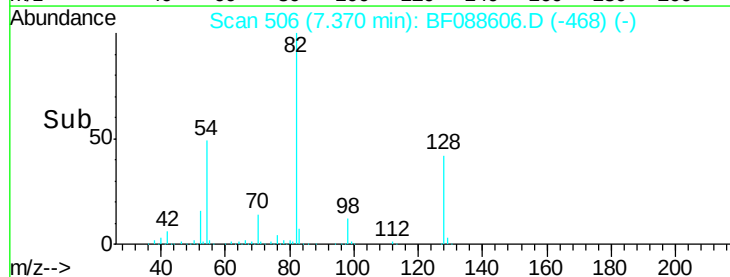
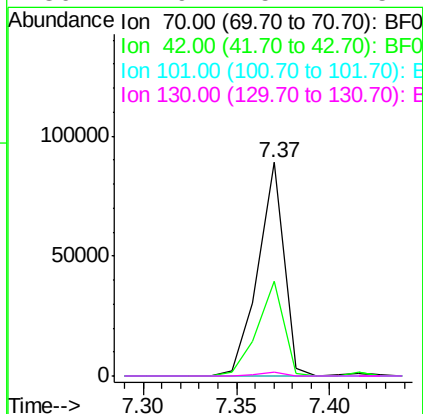
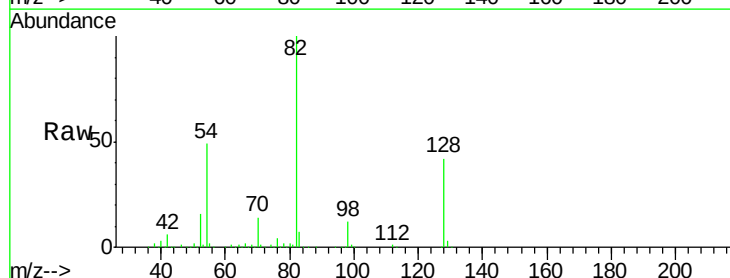
Delta R.T. 0.14 min

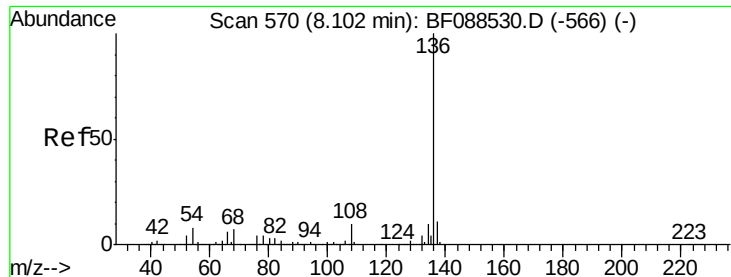
Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

Tgt Ion: 70 Resp: 85825

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#

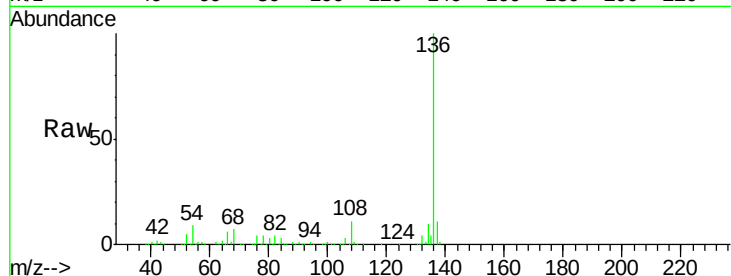




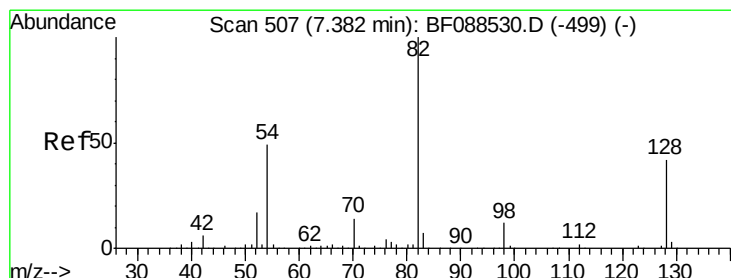
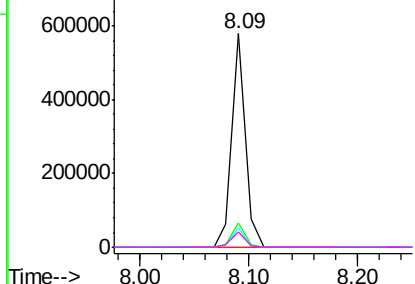
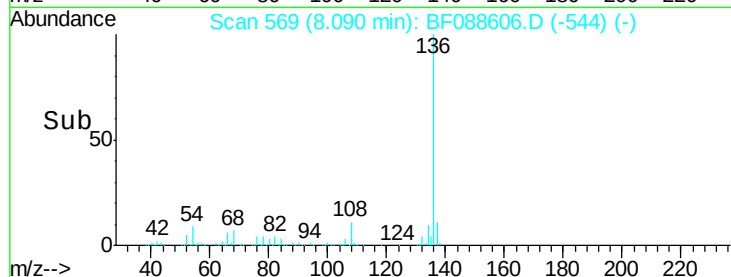
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	493100
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	8.8	6.6 10.0
68	7.4	5.1 7.7

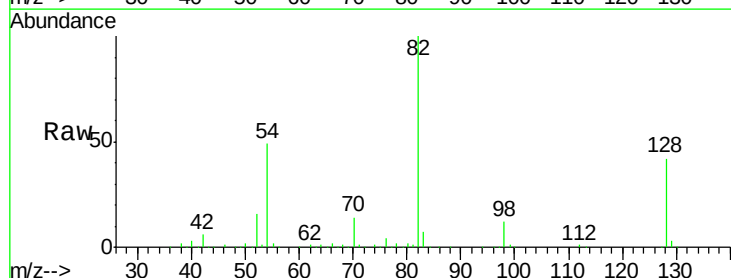


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

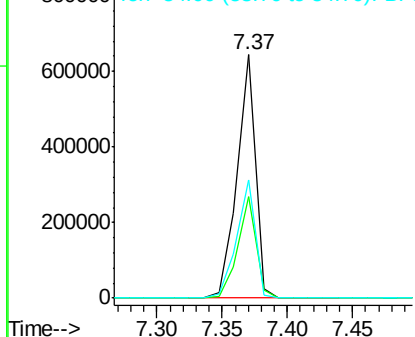
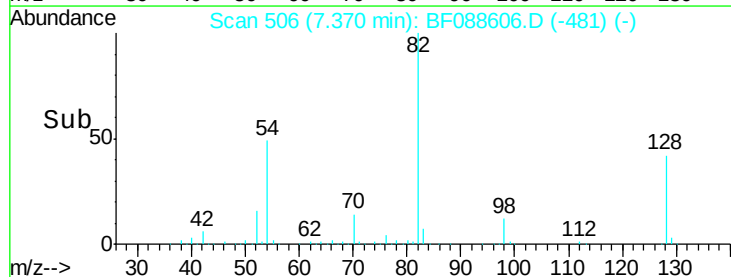


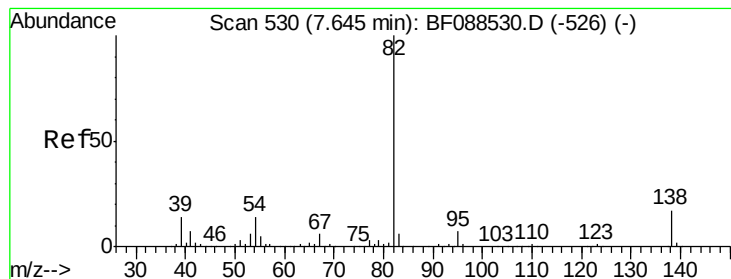
#23
Nitrobenzene-d5
Concen: 66.44 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Tgt Ion: 82	Resp:	625146
Ion Ratio	Lower	Upper
82	100	
128	41.6	35.9 53.9
54	48.7	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





#25

Isophorone

Concen: 26.42 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.27 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

Instrument :

BNA_F

ClientSampleId :

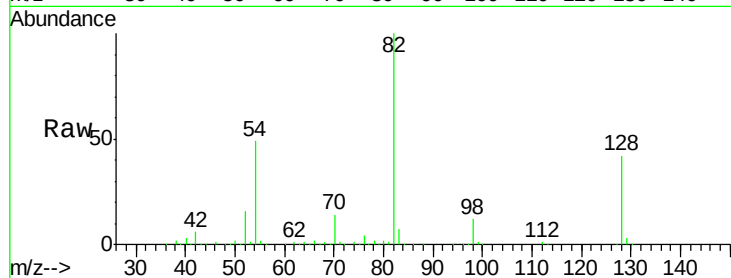
Tot Ion: 82 Resp: 460528

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

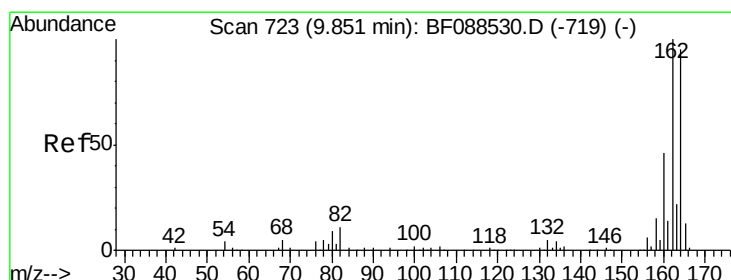
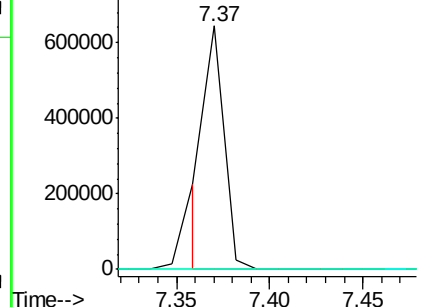
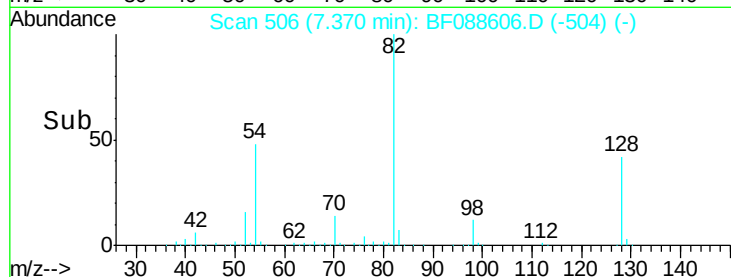
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

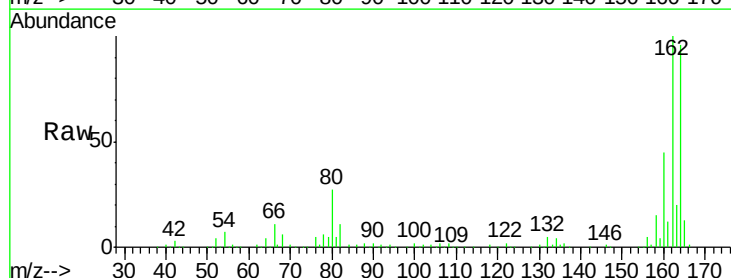
Tgt Ion: 164 Resp: 200823

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

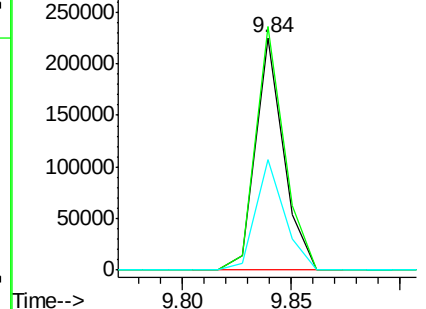
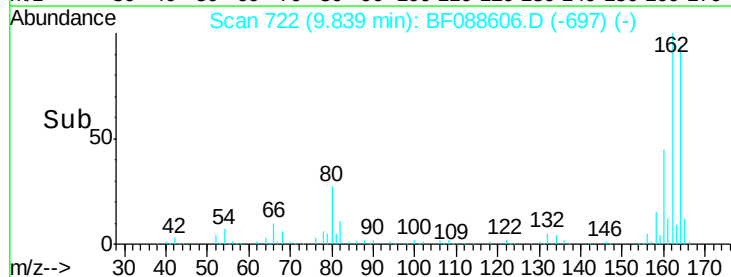
160 47.3 39.5 59.3

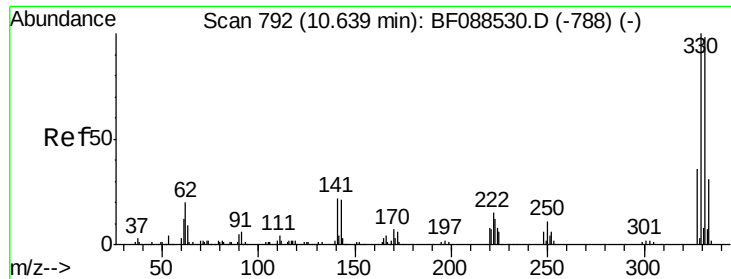


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

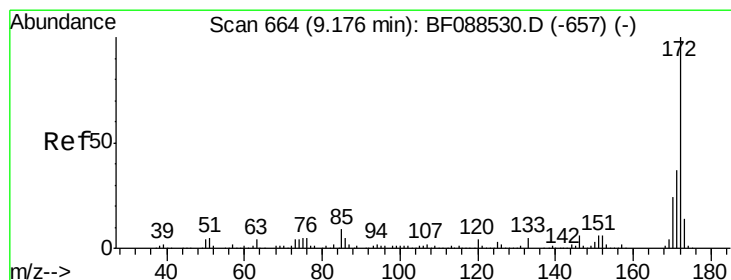
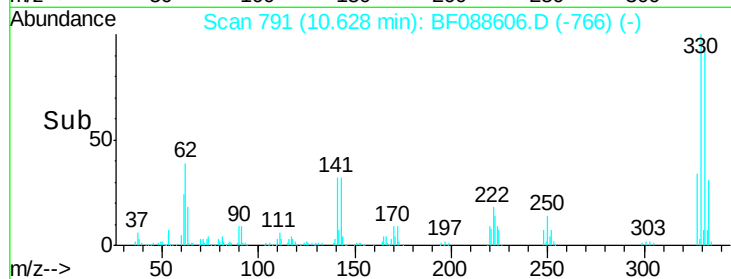
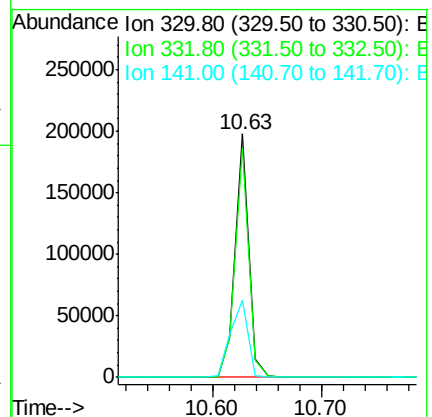
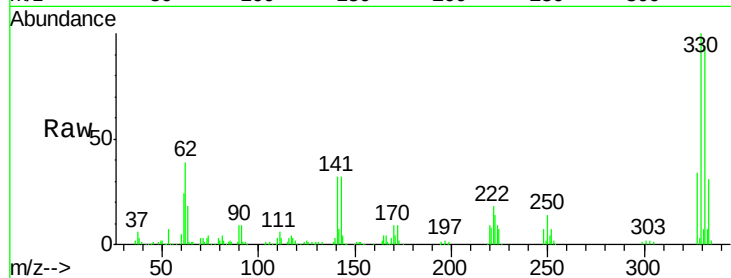




#41
 2,4,6-Tribromophenol
 Concen: 91.89 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088606.D
 Acq: 2 Jul 2016 6:57

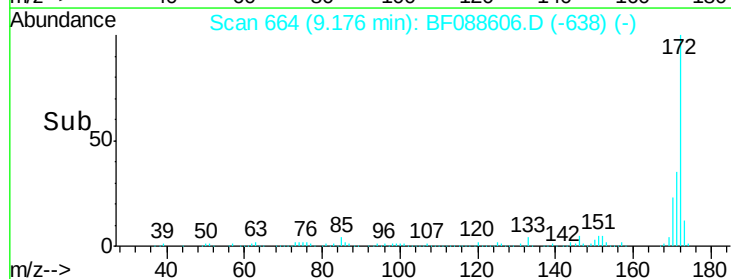
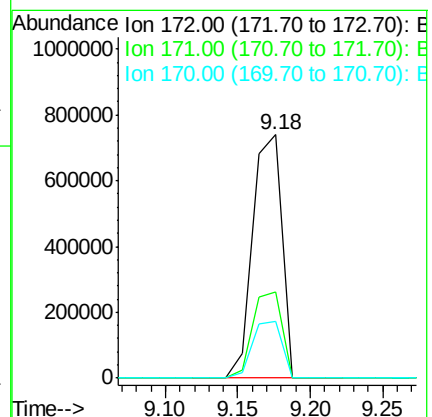
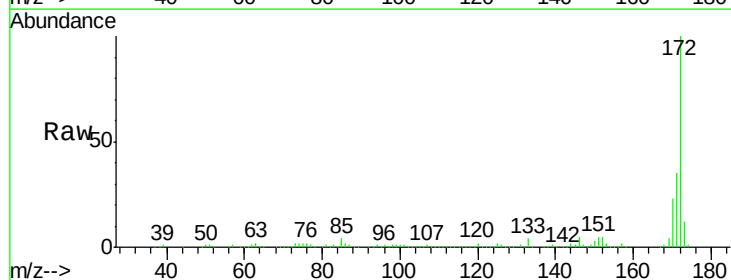
Instrument :
 BNA_F
 ClientSampleId :

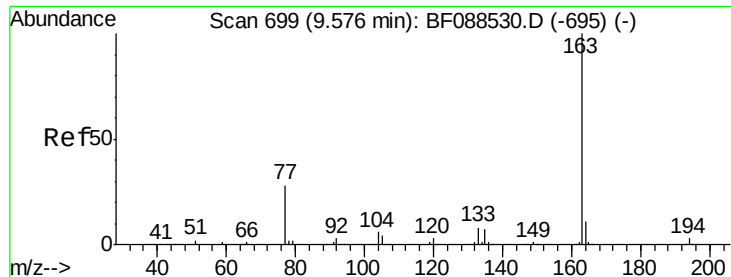
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	40.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.05 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088606.D
 Acq: 2 Jul 2016 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.3	19.2	28.8

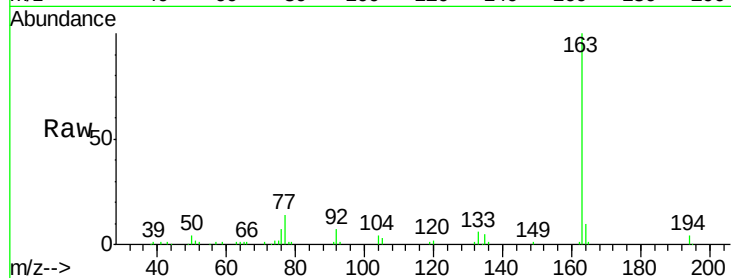




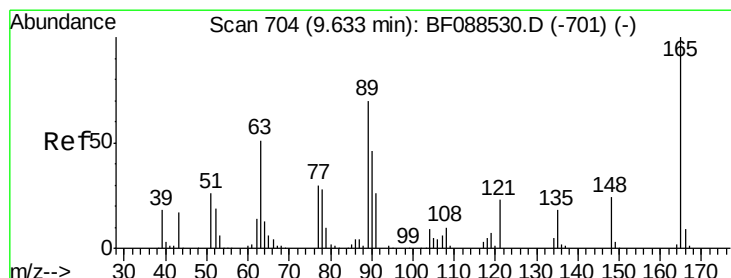
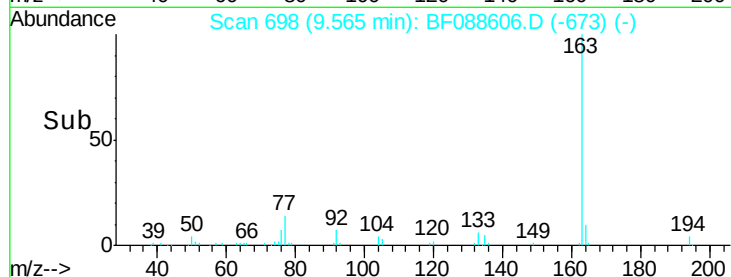
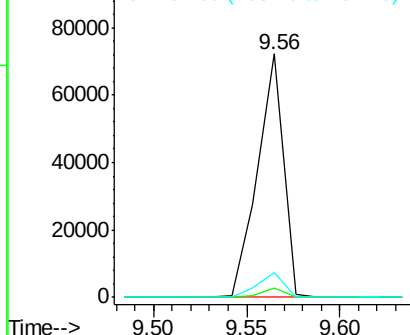
#49
Dimethylphthalate
Concen: 4.84 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 69273
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 8.3 12.5

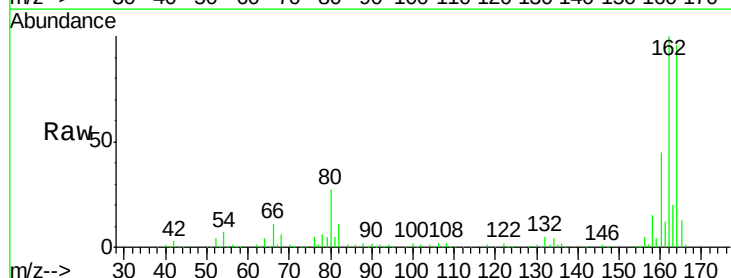


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

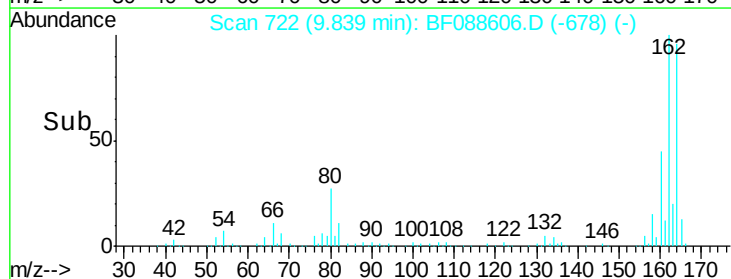
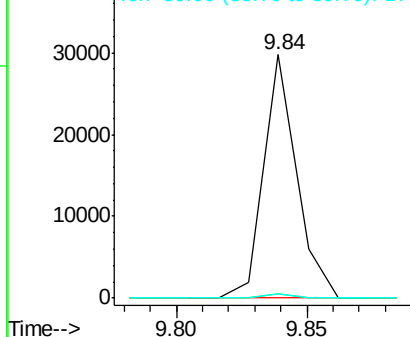


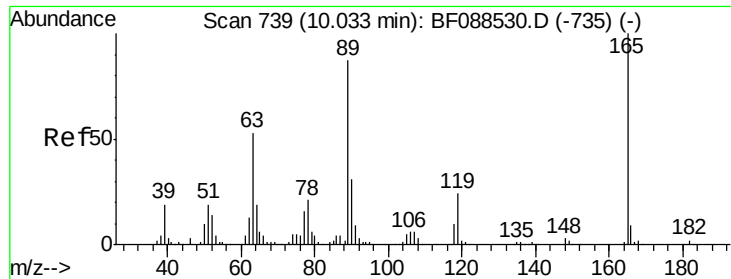
#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.21 min
Lab File: BF088606.D
Acq: 2 Jul 2016 6:57

Tgt Ion:165 Resp: 25840
Ion Ratio Lower Upper
165 100
63 1.5 28.1 42.1#
89 1.5 32.2 48.2#



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: 6.23 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25843

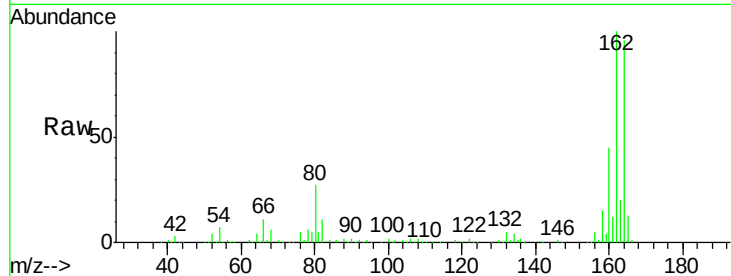
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

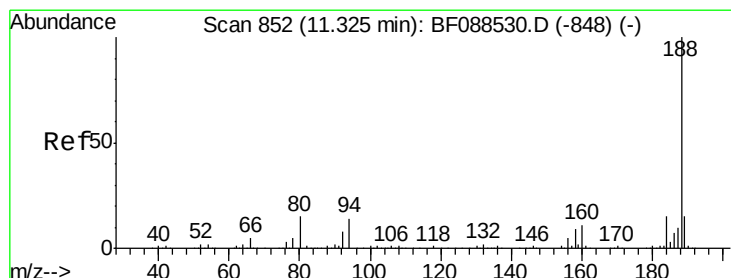
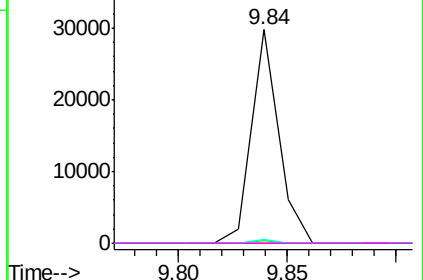
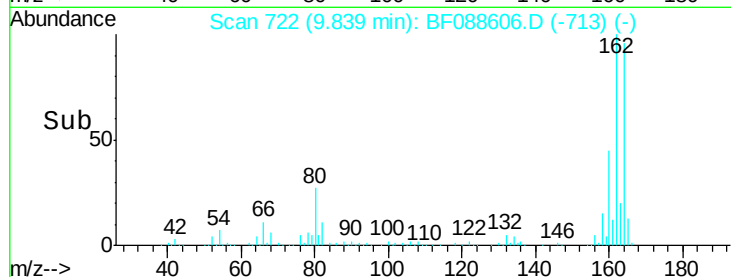


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

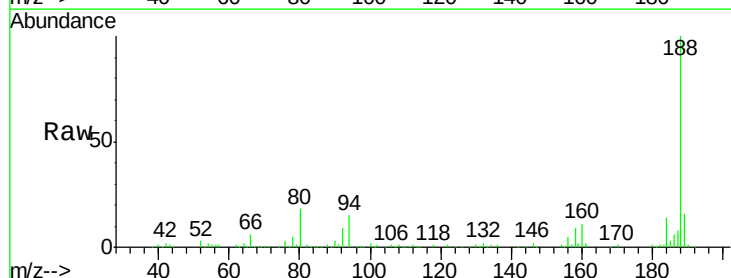
Tgt Ion:188 Resp: 320561

Ion Ratio Lower Upper

188 100

94 15.2 9.0 13.6#

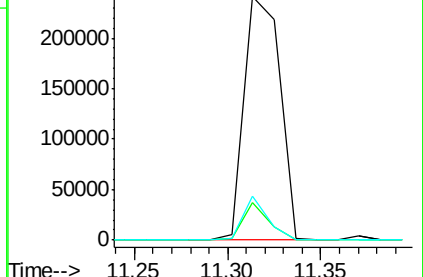
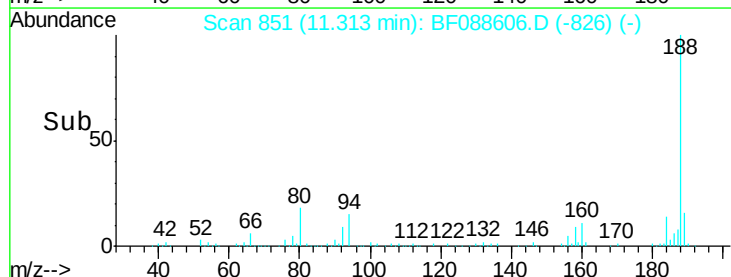
80 17.8 10.0 15.0#

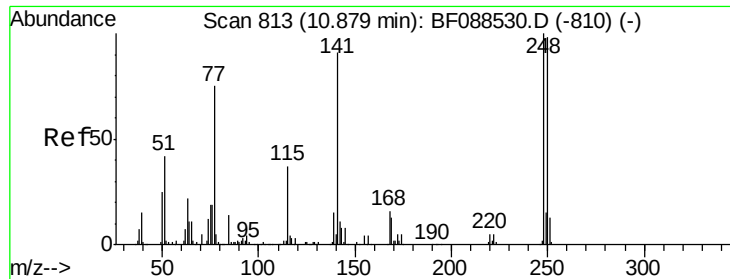


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.71 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.25 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

Instrument :

BNA_F

ClientSampleId :

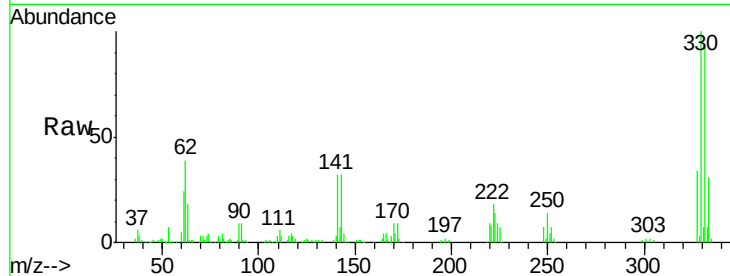
Tot Ion:248 Resp: 11992

Ion Ratio Lower Upper

248 100

250 197.9 77.1 115.7#

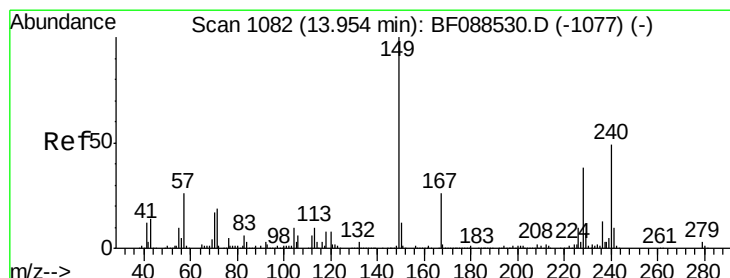
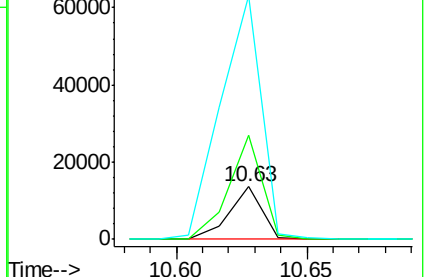
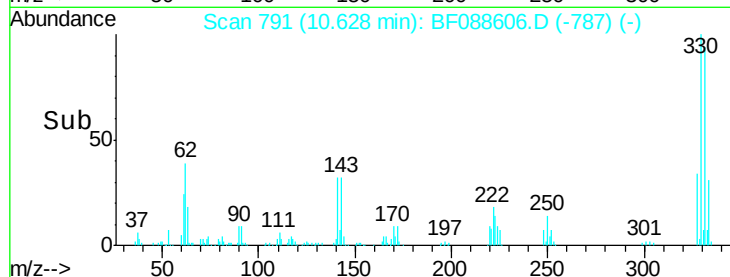
141 464.1 50.6 76.0#



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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088606.D

Acq: 2 Jul 2016 6:57

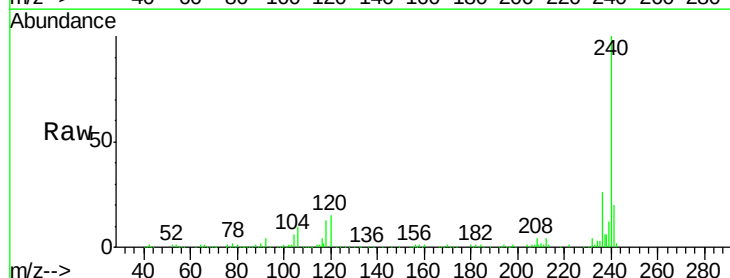
Tgt Ion:240 Resp: 248982

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

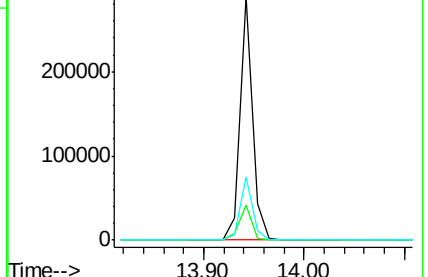
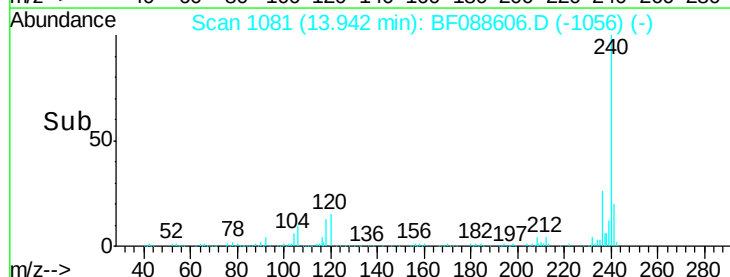
236 26.0 20.2 30.2

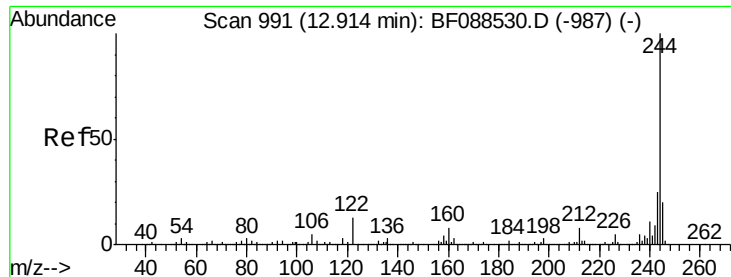


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

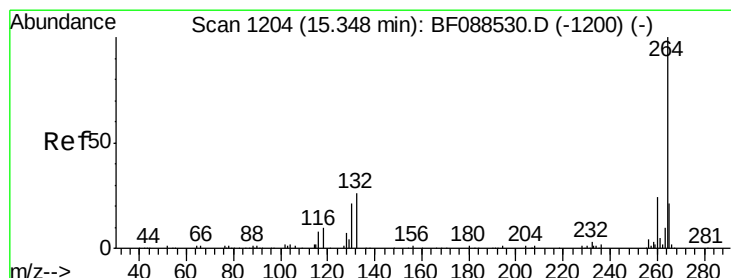
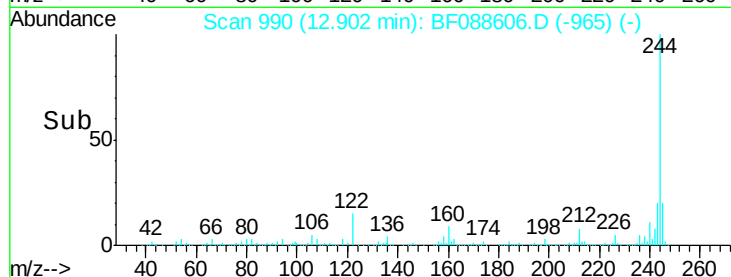
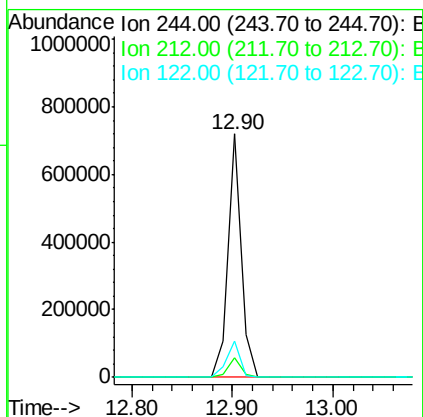
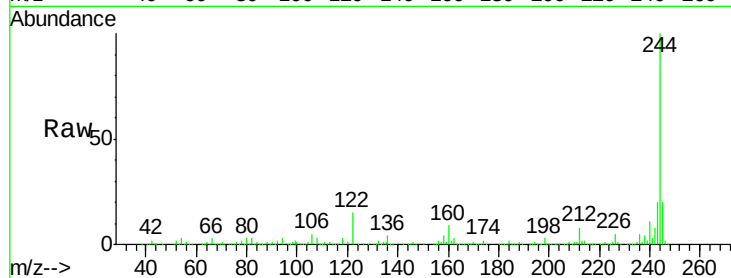




#78
 Terphenyl-d14
 Concen: 58.82 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088606.D
 Acq: 2 Jul 2016 6:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 657569
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 15.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088606.D
 Acq: 2 Jul 2016 6:57

Tgt Ion:264 Resp: 205993
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 16.9 25.3

