

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088707.D
 Acq On : 5 Jul 2016 17:13
 Operator : UM/SJ
 Sample : H3761-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Quant Time: Jul 06 01:32:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

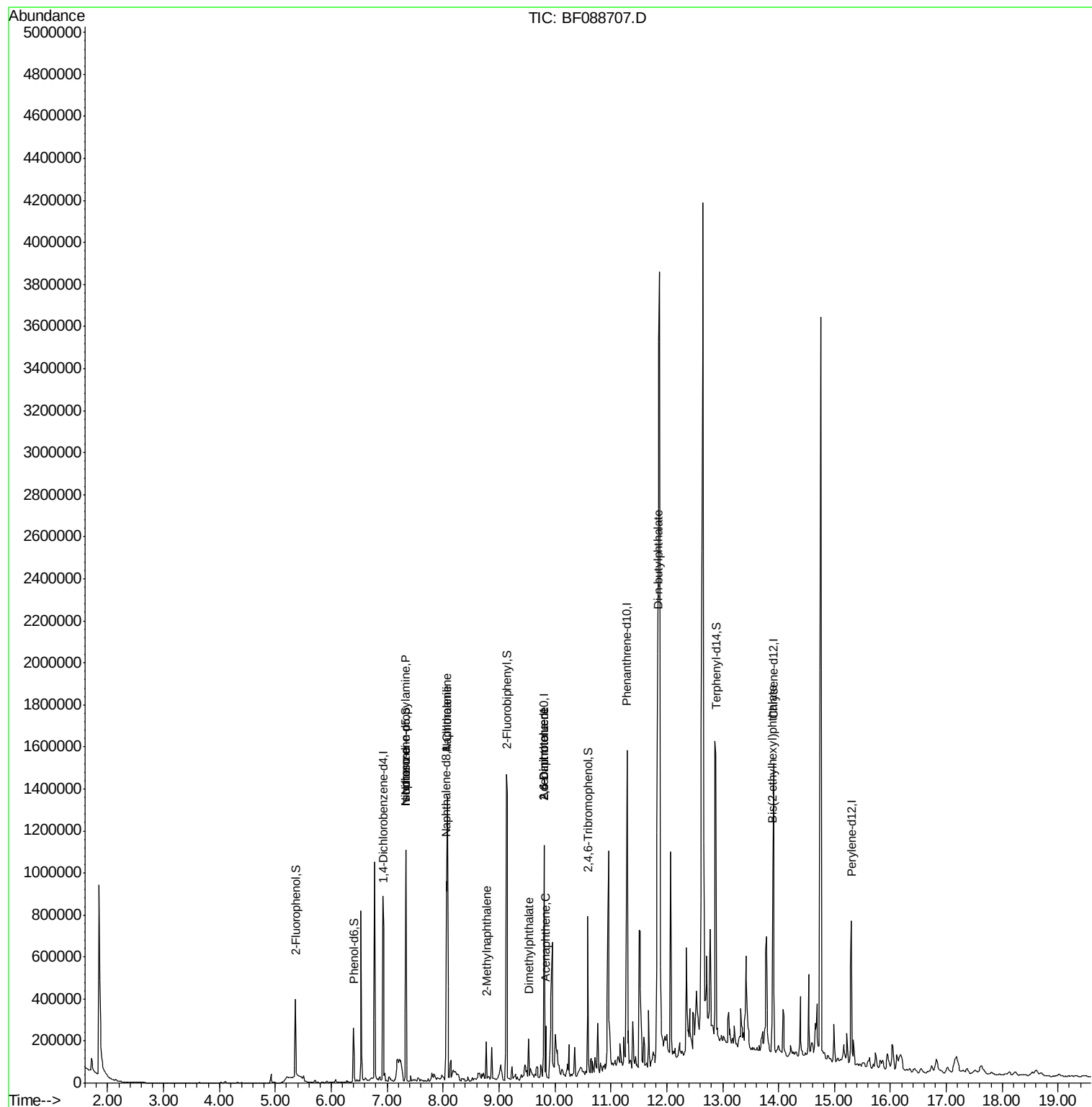
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	190030	20.00	ng	0.16
21) Naphthalene-d8	8.06	136	611884	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	291663	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	602336	20.00	ng	0.00
75) Chrysene-d12	13.91	240	407740	20.00	ng	-0.01
86) Perylene-d12	15.30	264	317314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	115798	9.13	ng	-0.01
7) Phenol-d6	6.40	99	94618	5.78	ng	-0.01
23) Nitrobenzene-d5	7.34	82	364406	31.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	77780	28.72	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	666822	36.11	ng	0.00
78) Terphenyl-d14	12.88	244	641978	35.07	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	50862	4.62	ng	# 72
25) Isophorone	7.34	82	284123	13.14	ng	# 65
31) Naphthalene	8.08	128	637887	21.15	ng	100
33) 4-Chloroaniline	8.08	127	84916	6.33	ng	# 32
37) 2-Methylnaphthalene	8.78	142	73086	3.76	ng	97
49) Dimethylphthalate	9.53	163	65071	3.13	ng	99
50) 2,6-Dinitrotoluene	9.80	165	38149	8.28	ng	# 40
51) Acenaphthene	9.84	154	47957	2.59	ng	99
56) 2,4-Dinitrotoluene	9.80	165	38151	6.34	ng	# 38
73) Di-n-butylphthalate	11.84	149	72458	2.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	203745	11.57	ng	99

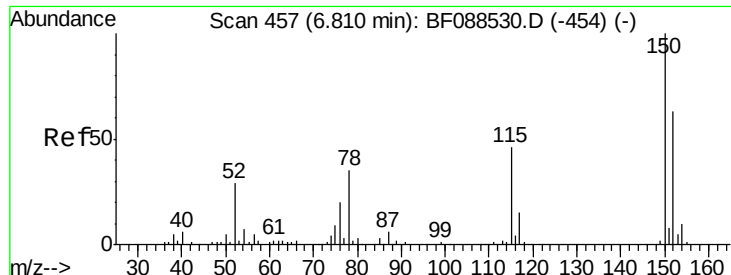
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.16 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

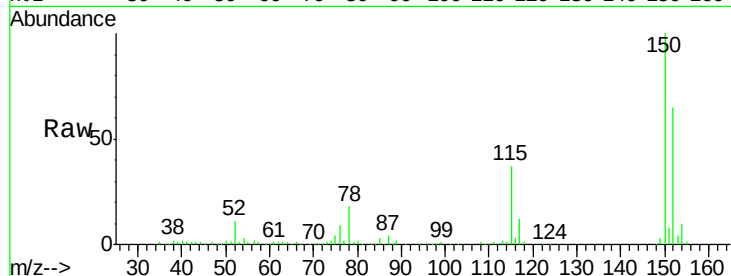
Tgt Ion:152 Resp: 190030

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

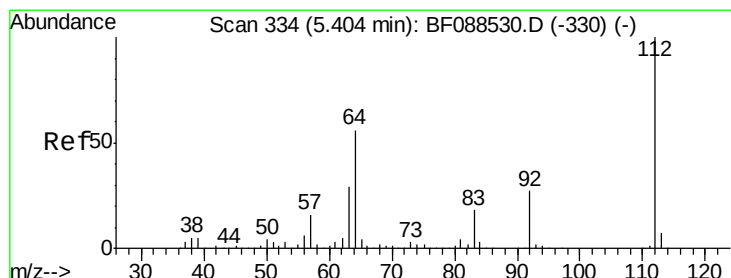
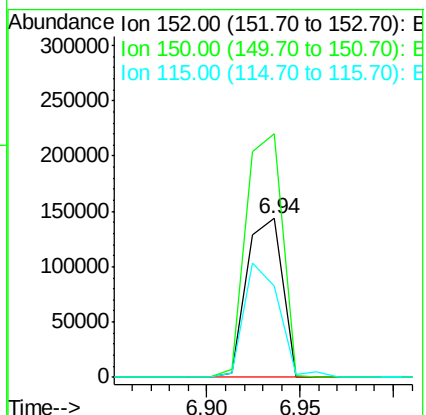
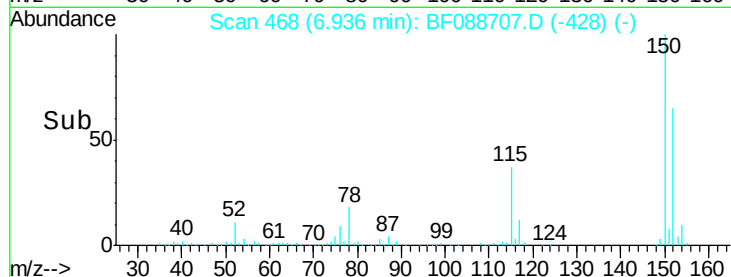
115 57.2 39.6 59.4



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: 9.13 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

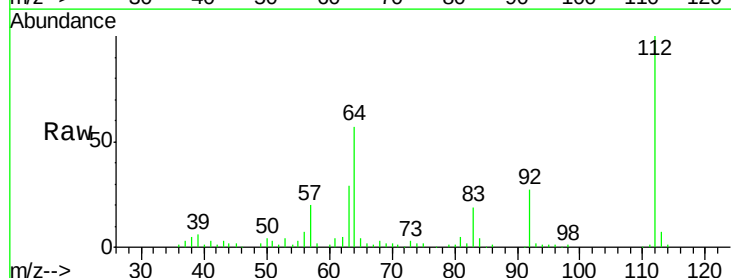
Tgt Ion:112 Resp: 115798

Ion Ratio Lower Upper

112 100

64 56.7 42.2 63.2

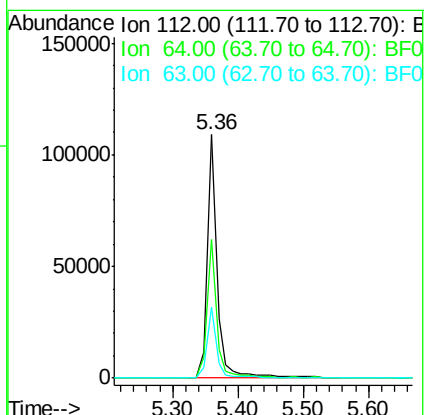
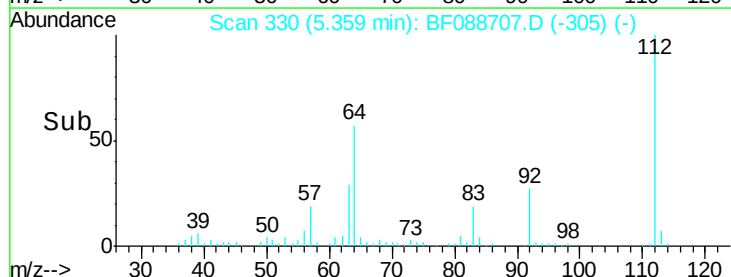
63 29.0 21.8 32.8

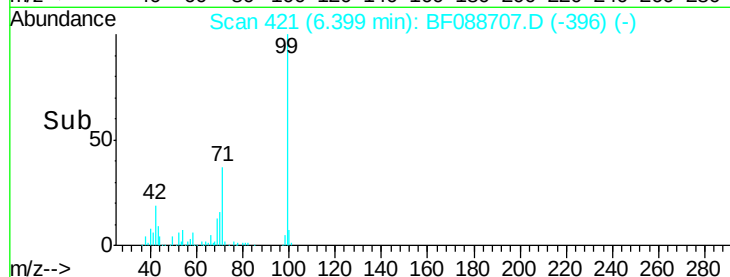
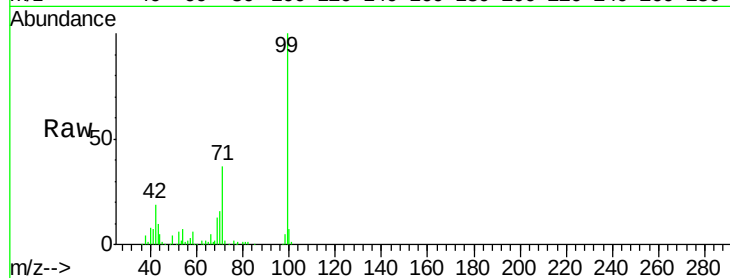
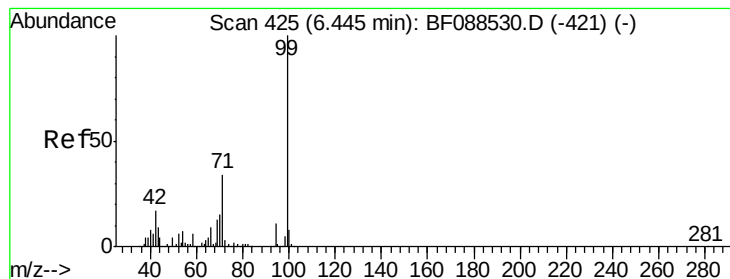


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.78 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

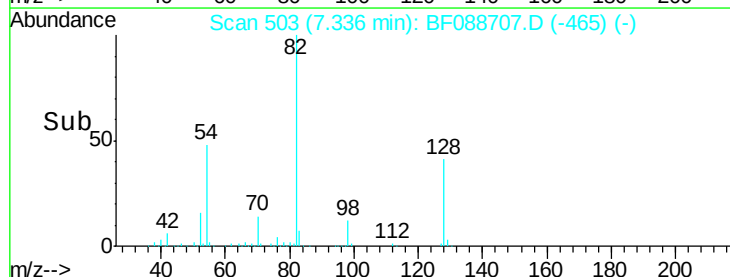
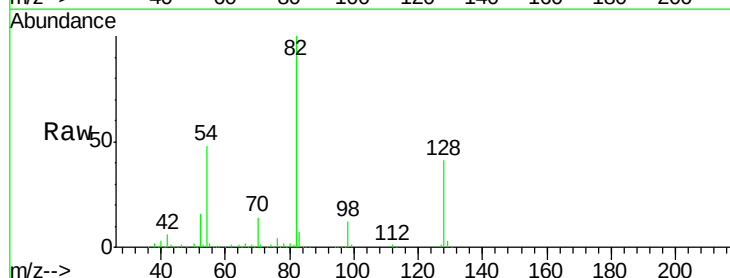
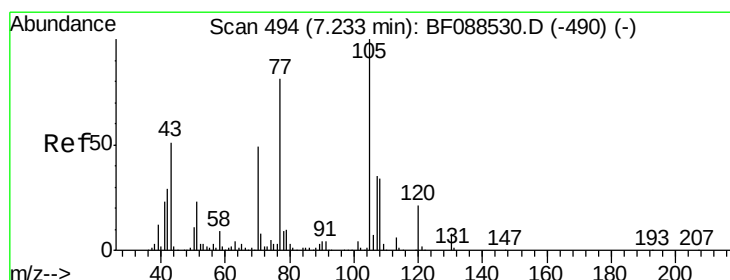
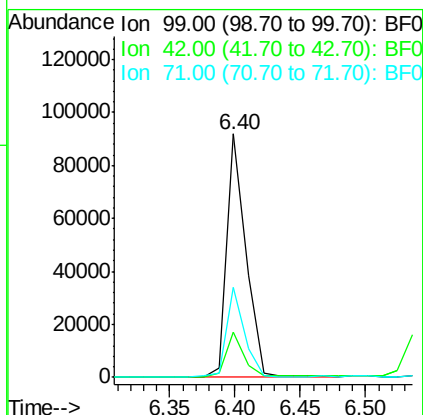
Tgt Ion: 99 Resp: 94618

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 36.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.62 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Tgt Ion: 70 Resp: 50862

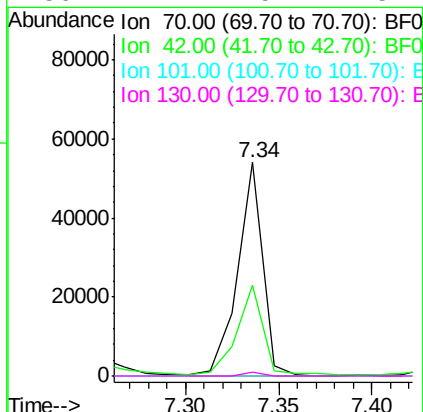
Ion Ratio Lower Upper

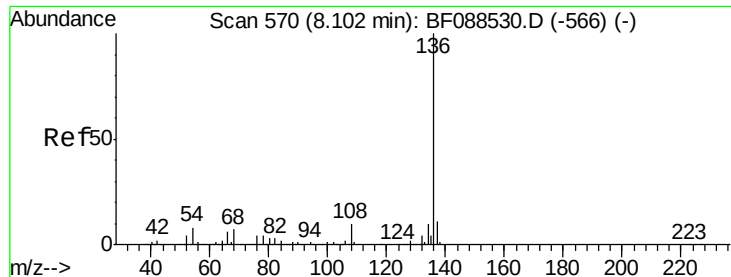
70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.7 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

Tgt Ion:136 Resp: 611884

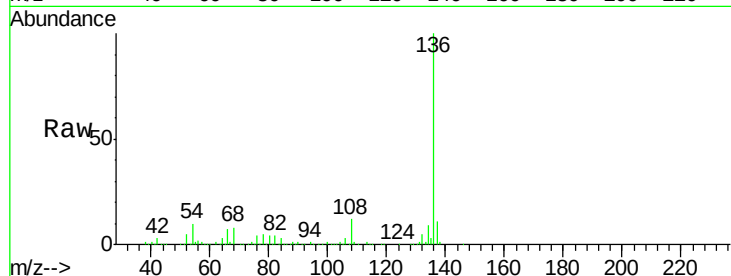
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.8 6.6 10.0

68 7.9 5.1 7.7#

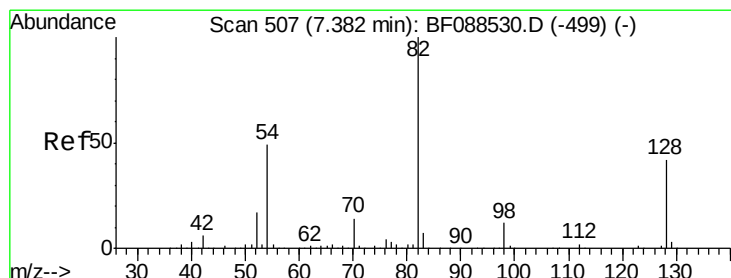
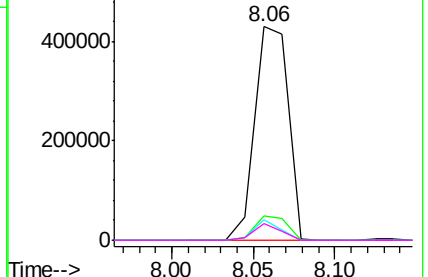
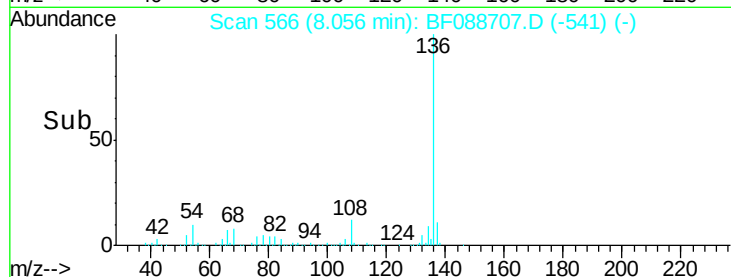


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.21 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

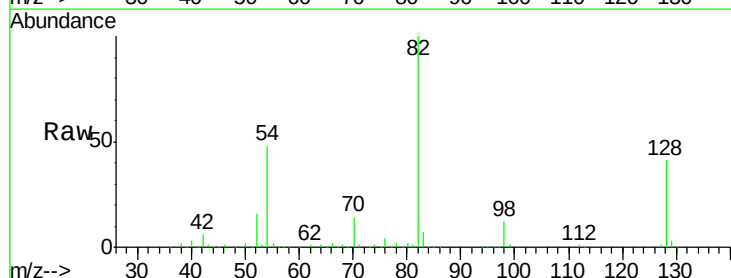
Tgt Ion: 82 Resp: 364406

Ion Ratio Lower Upper

82 100

128 40.5 35.9 53.9

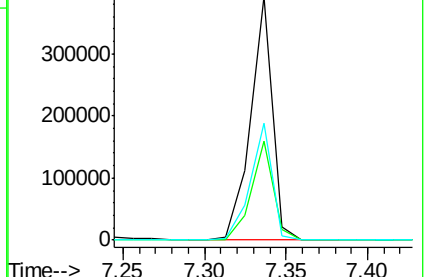
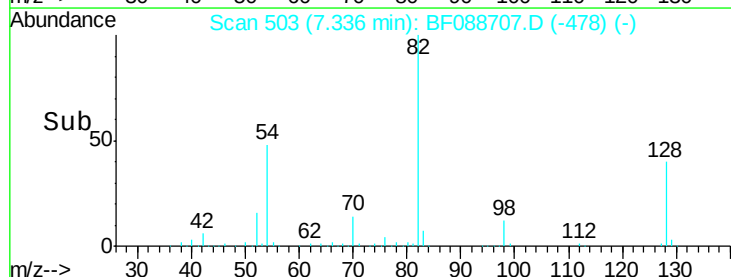
54 48.1 40.9 61.3

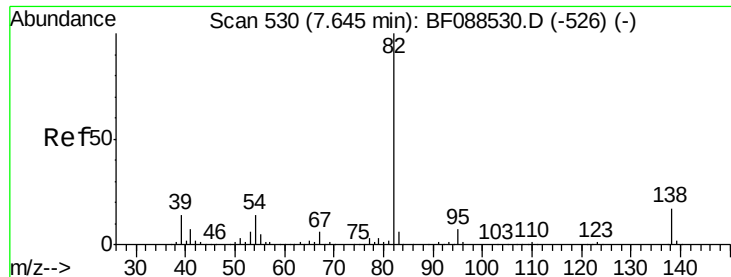


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 13.14 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.27 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

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ClientSampleId :

LOCATION-5F-9-11

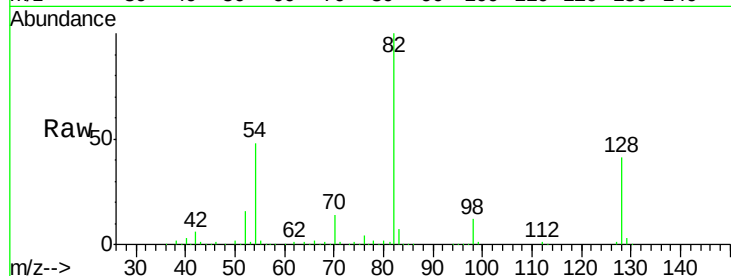
Tgt Ion: 82 Resp: 284123

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

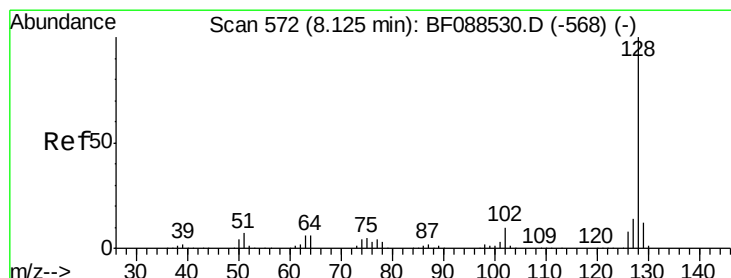
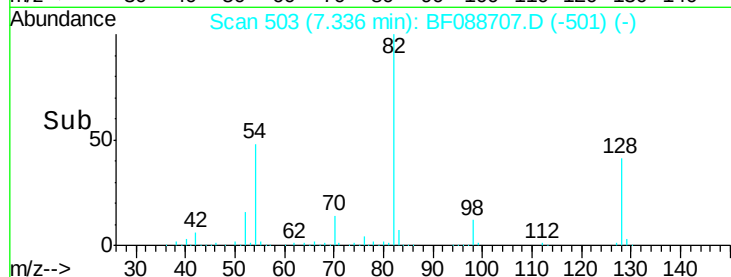
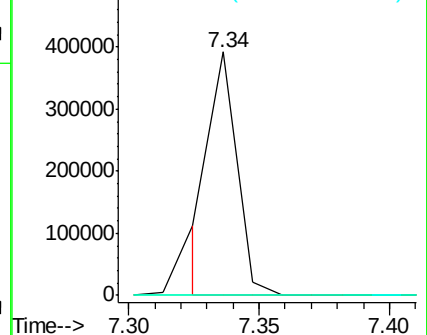
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 21.15 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

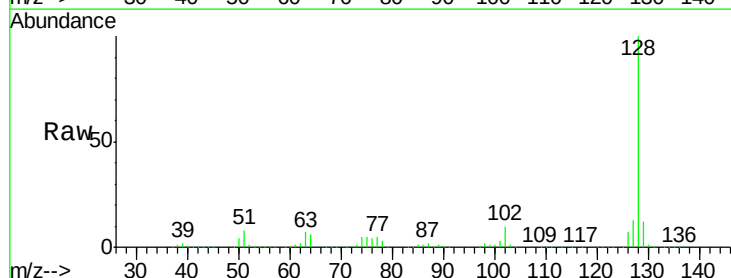
Tgt Ion: 128 Resp: 637887

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

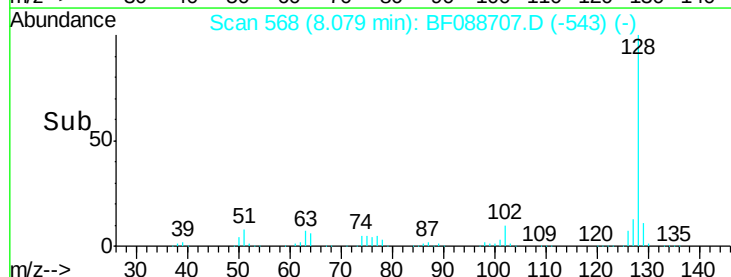
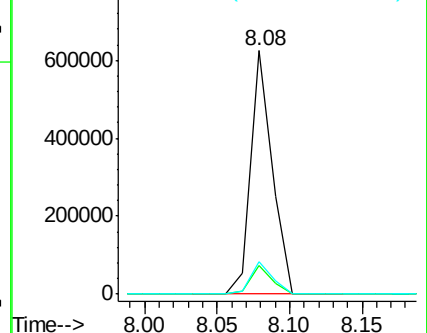
127 13.4 10.9 16.3

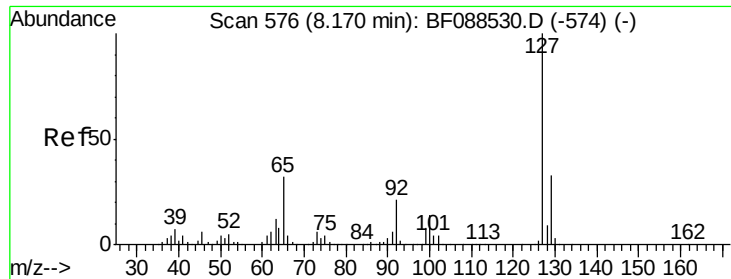


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

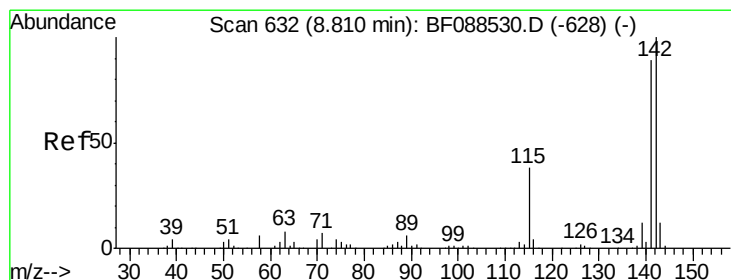
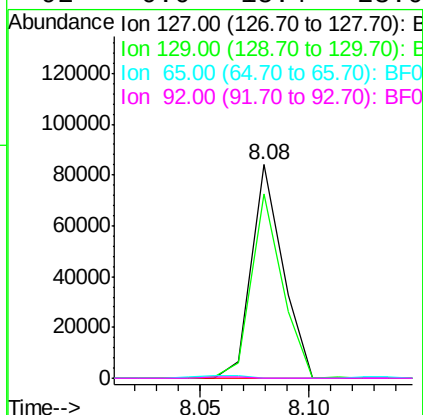
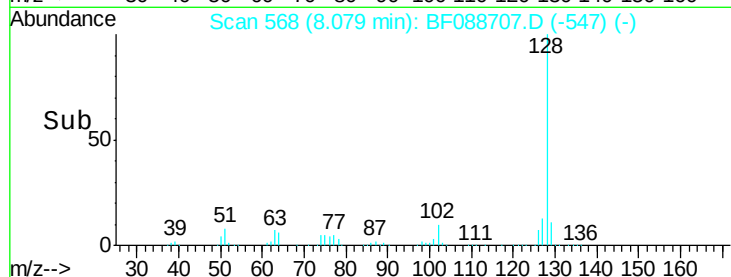
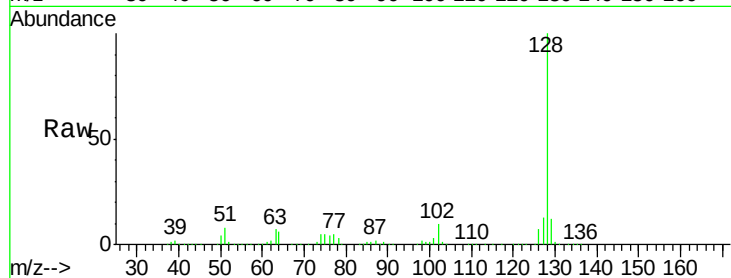




#33
4-Chloroaniline
Concen: 6.33 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.06 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

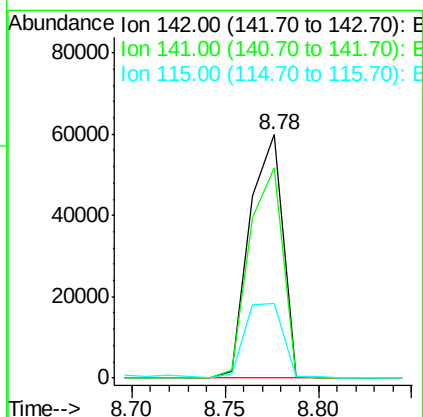
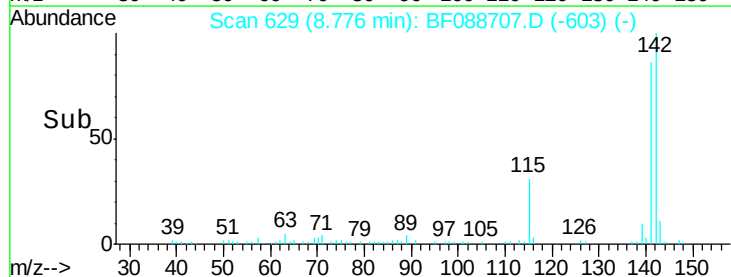
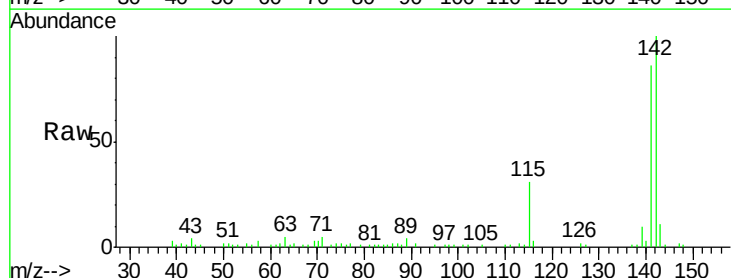
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LOCATION-5F-9-11

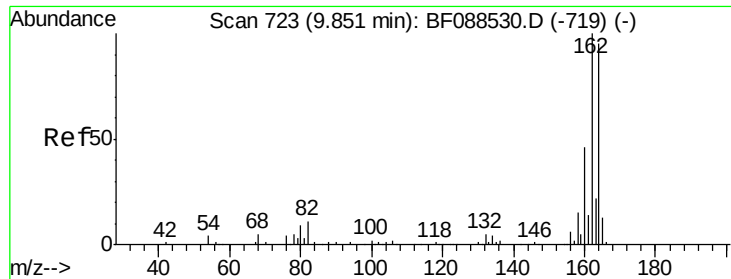
Tgt Ion:127 Resp: 84916
Ion Ratio Lower Upper
127 100
129 86.1 26.3 39.5#
65 0.0 24.7 37.1#
92 0.0 15.4 23.0#



#37
2-Methylnaphthalene
Concen: 3.76 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:142 Resp: 73086
Ion Ratio Lower Upper
142 100
141 86.5 71.0 106.6
115 30.6 22.6 33.8

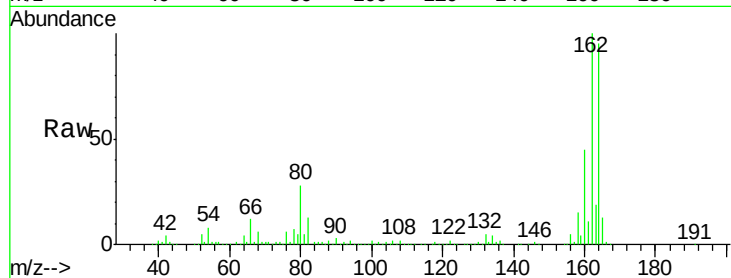




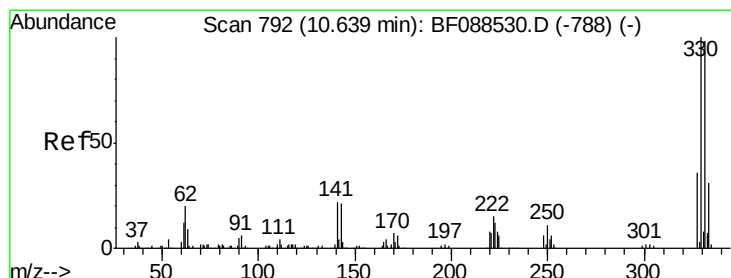
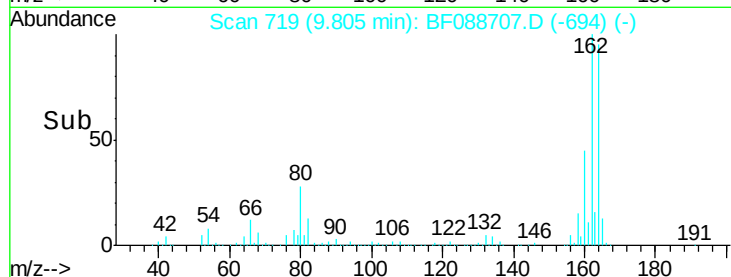
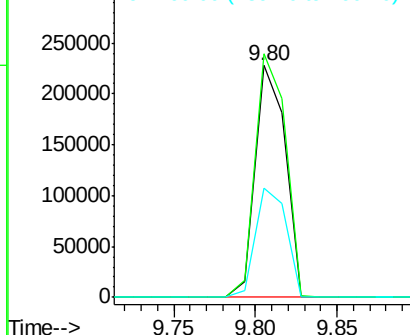
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:164 Resp: 291663
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 47.0 39.5 59.3

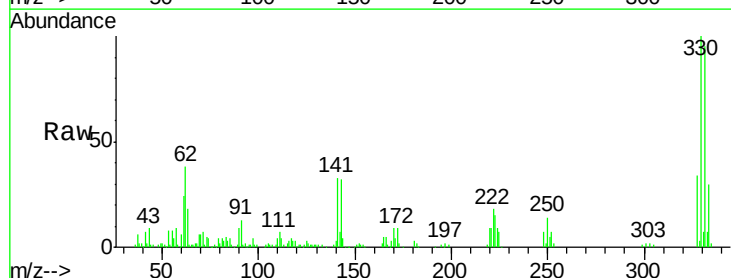


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

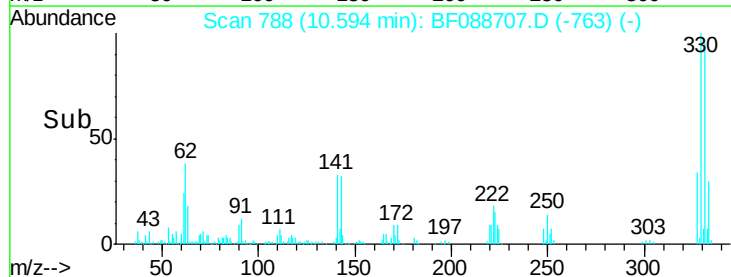
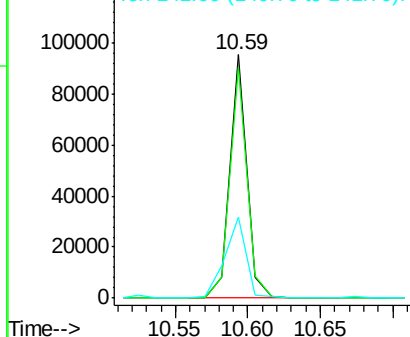


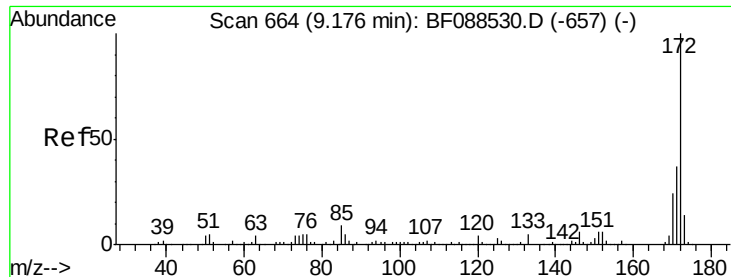
#41
2,4,6-Tribromophenol
Concen: 28.72 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:330 Resp: 77780
Ion Ratio Lower Upper
330 100
332 95.3 0.0 0.0#
141 40.9 0.0 0.0#



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

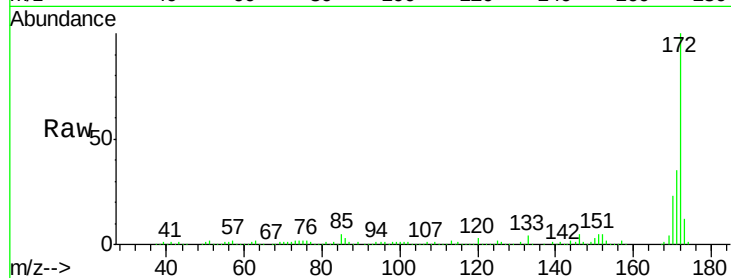




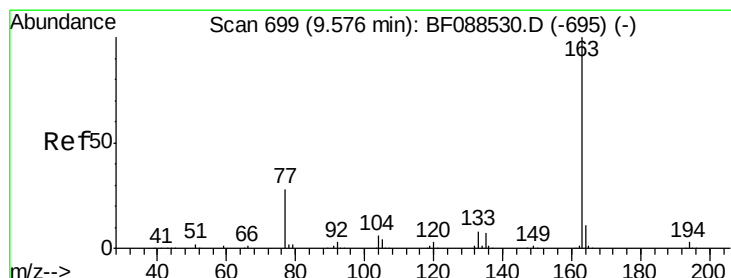
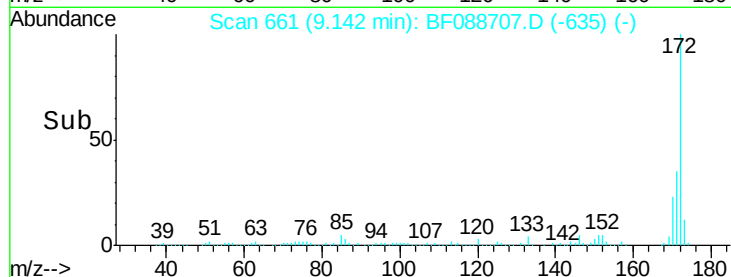
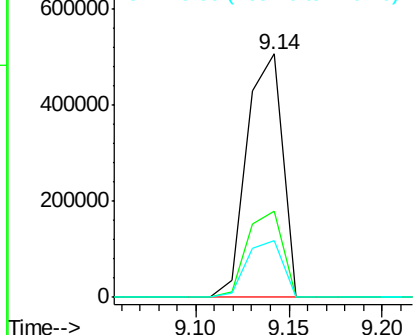
#44
 2-Fluorobiphenyl
 Concen: 36.11 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Tgt Ion:172 Resp: 666822
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.5 19.2 28.8

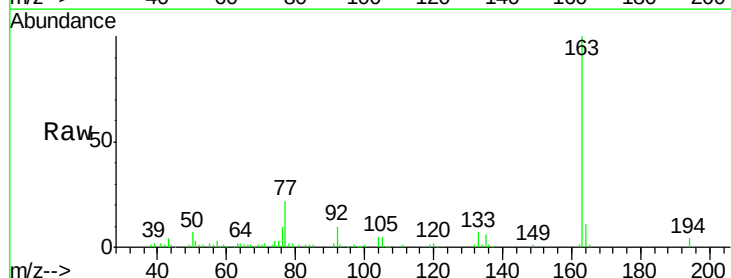


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

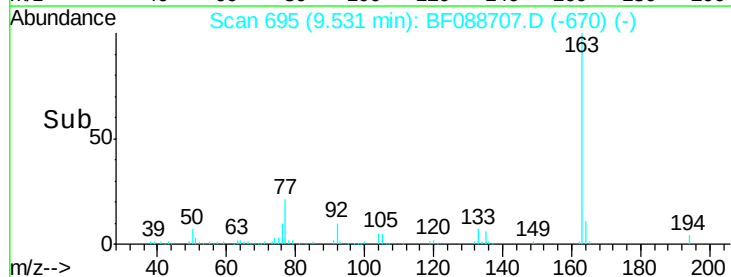
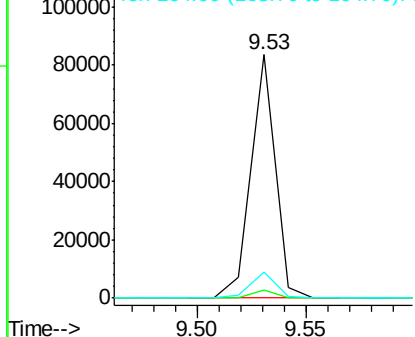


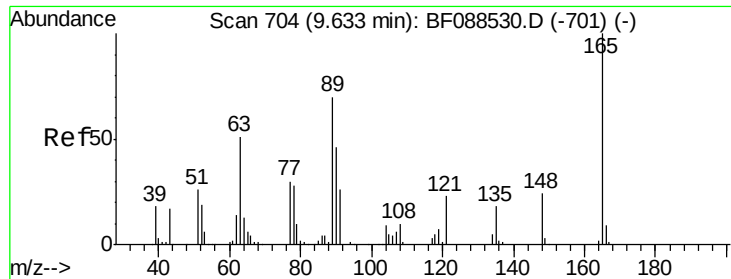
#49
 Dimethylphthalate
 Concen: 3.13 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Tgt Ion:163 Resp: 65071
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 10.7 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

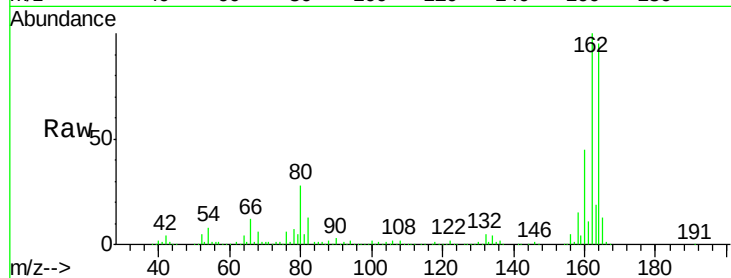




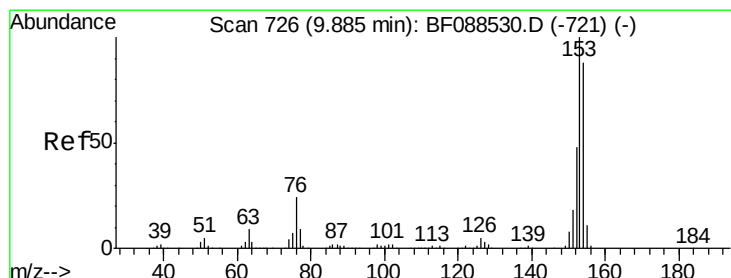
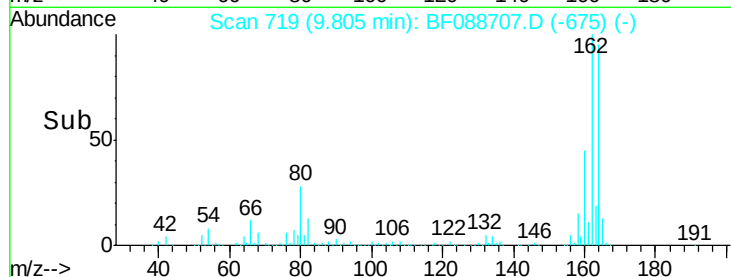
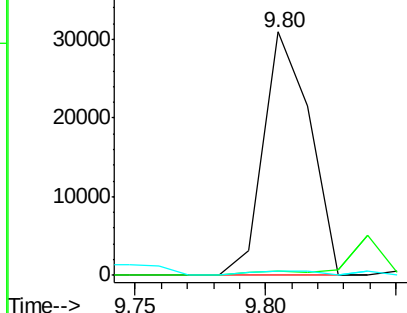
#50
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.21 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Tgt Ion:165 Resp: 38149
 Ion Ratio Lower Upper
 165 100
 63 1.8 28.1 42.1#
 89 2.0 32.2 48.2#

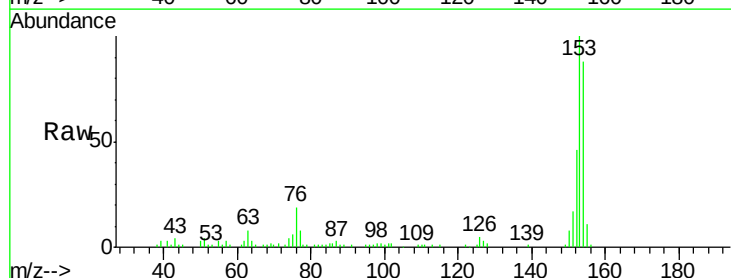


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

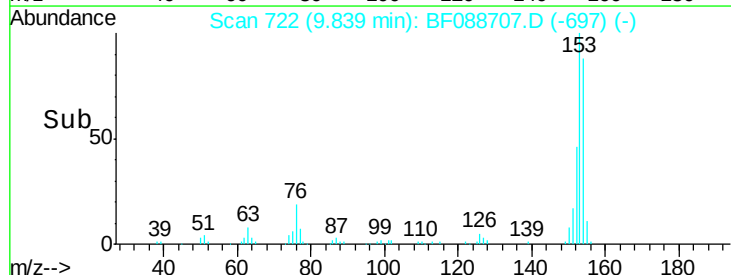
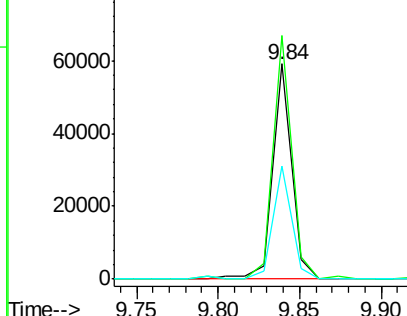


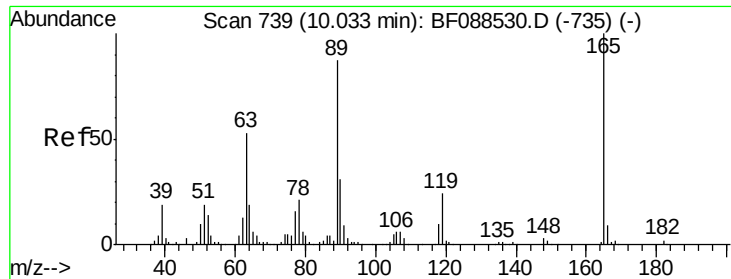
#51
 Acenaphthene
 Concen: 2.59 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Tgt Ion:154 Resp: 47957
 Ion Ratio Lower Upper
 154 100
 153 113.1 89.5 134.3
 152 52.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

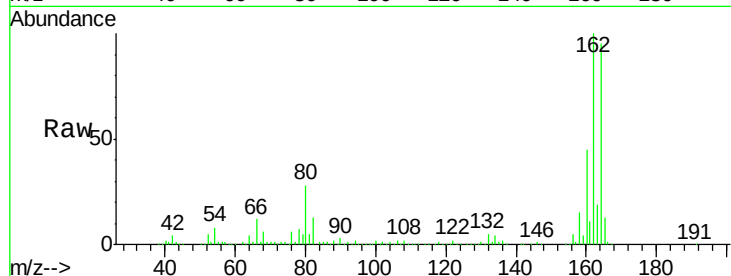




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.19 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Tgt Ion:	165	Resp:	38151
Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#

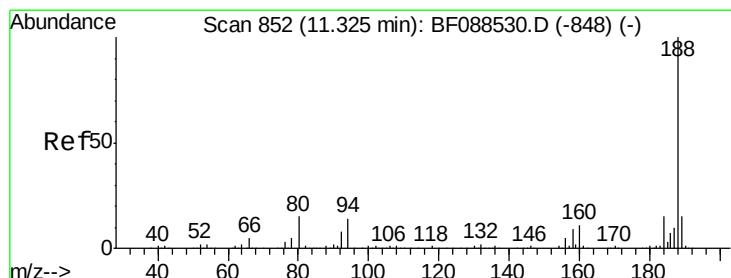
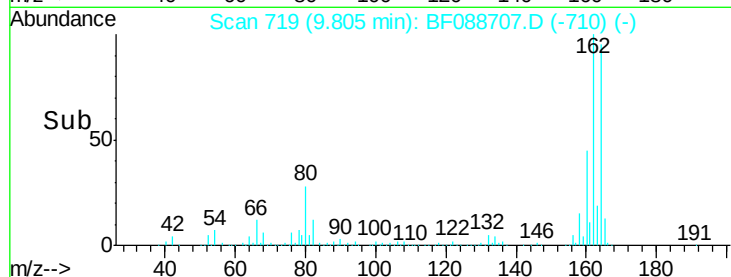
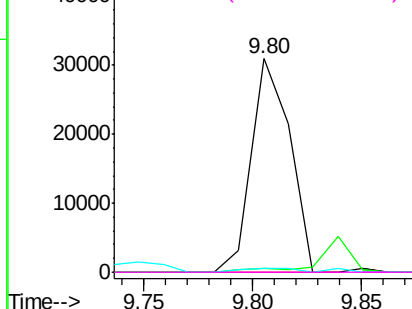


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

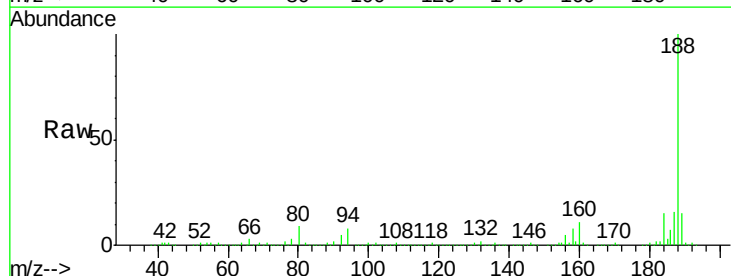
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

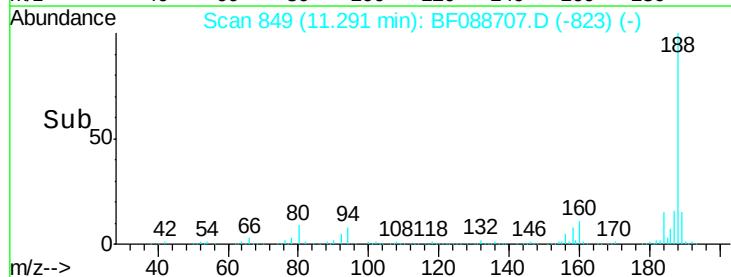
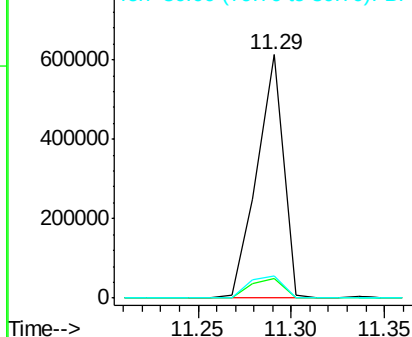
Tgt Ion:	188	Resp:	602336
Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	9.1	10.0	15.0#

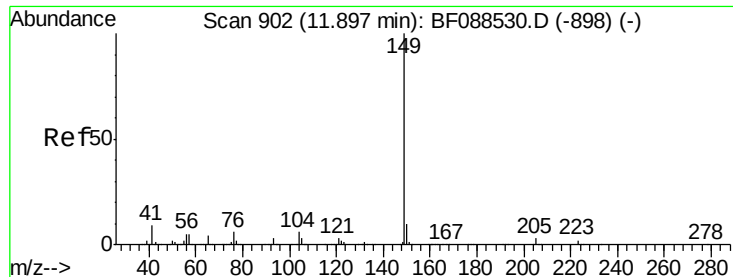


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.02 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

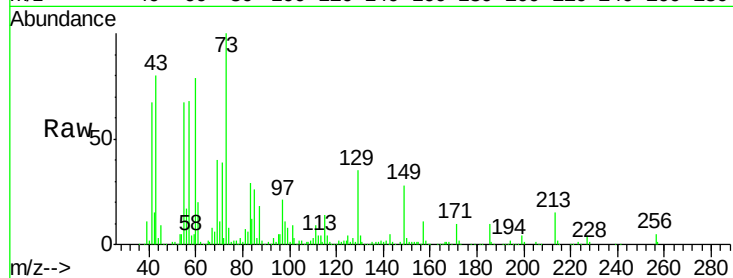
Tgt Ion:149 Resp: 72458

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

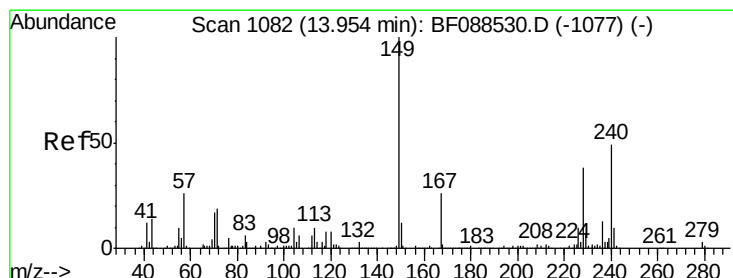
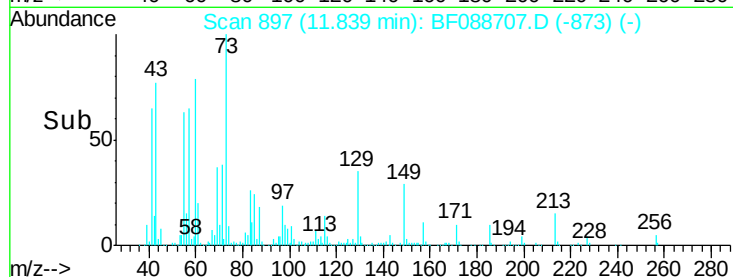
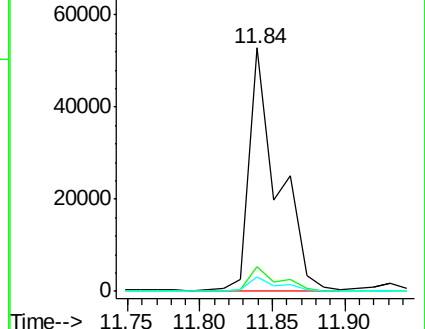
104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

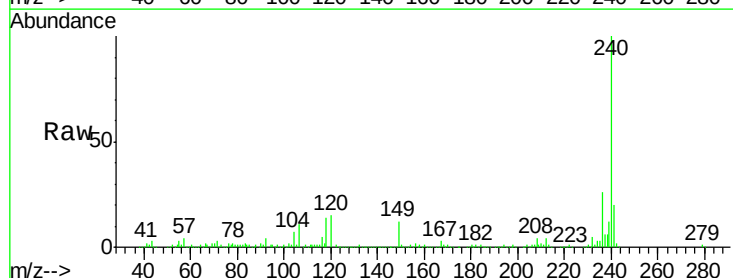
Tgt Ion:240 Resp: 407740

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

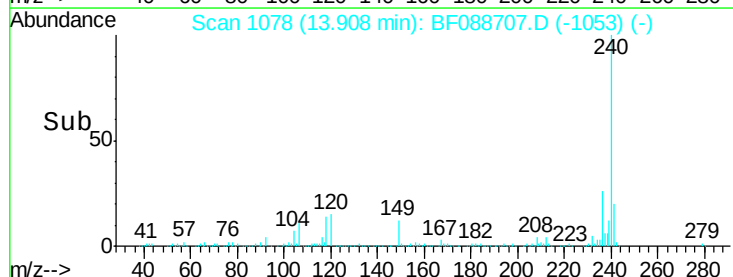
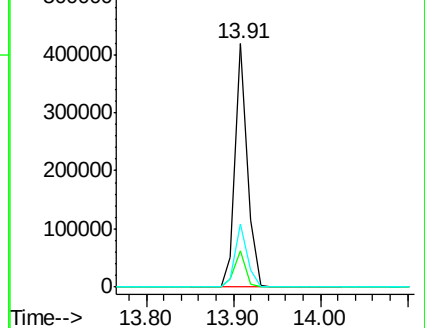
236 26.2 20.2 30.2

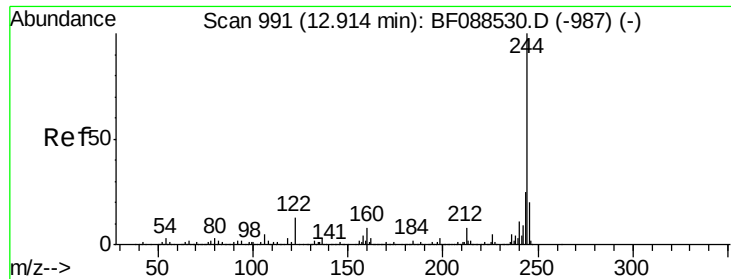


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

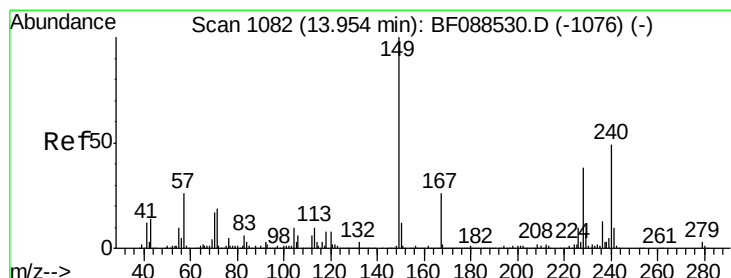
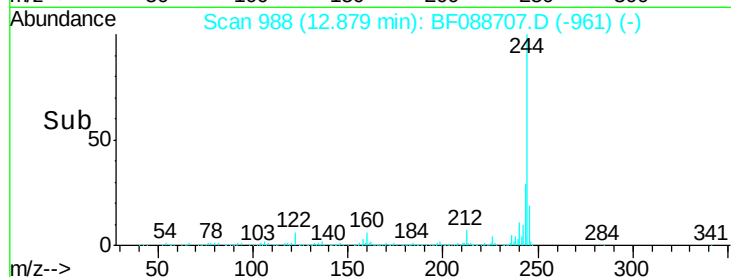
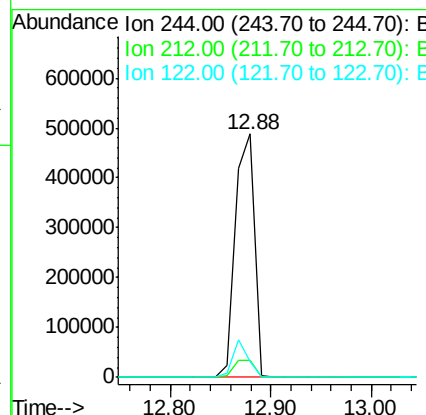
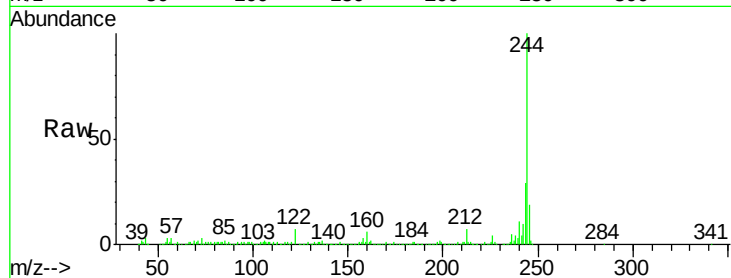




#78
 Terphenyl-d14
 Concen: 35.07 ng
 RT: 12.88 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

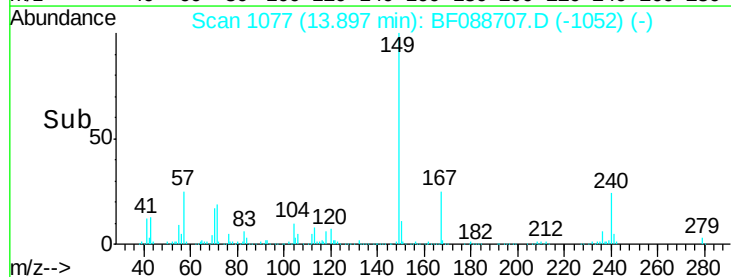
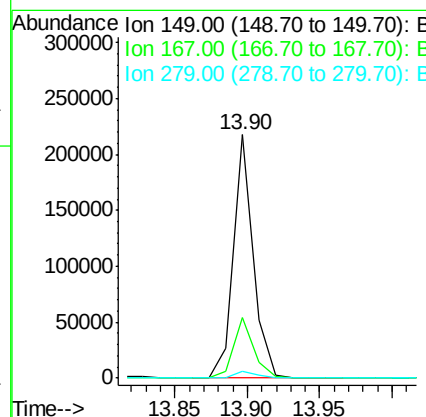
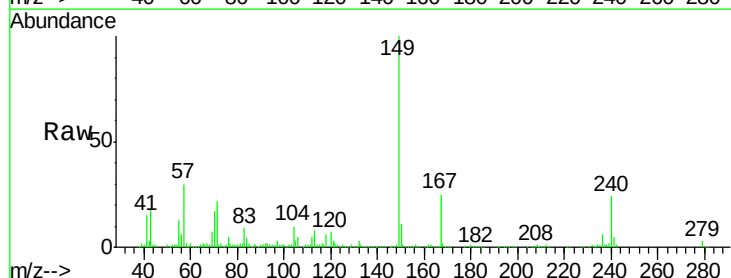
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

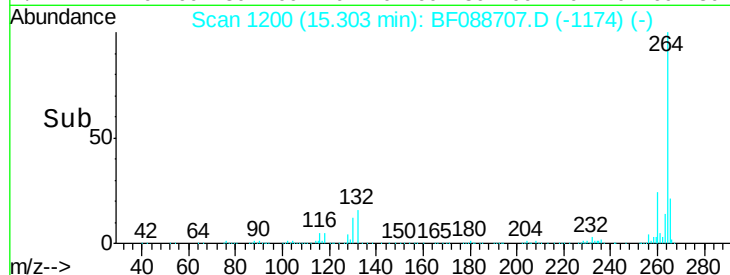
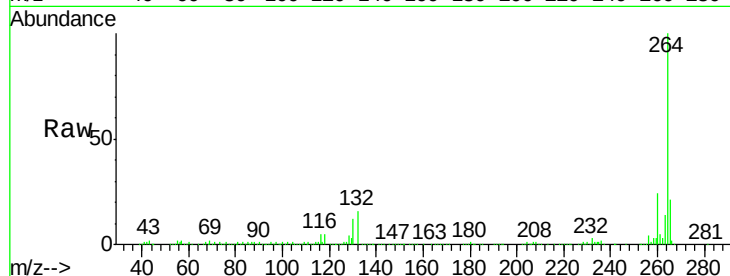
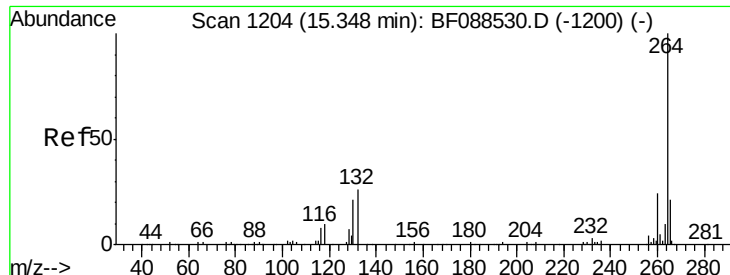
Tgt Ion:244 Resp: 641978
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.6 11.2 16.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.57 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Tgt Ion:149 Resp: 203745
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.5 30.7
 279 2.7 2.0 3.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:	264	Resp:	317314
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3

