

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088958.D
 Acq On : 13 Jul 2016 15:17
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 17:03:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

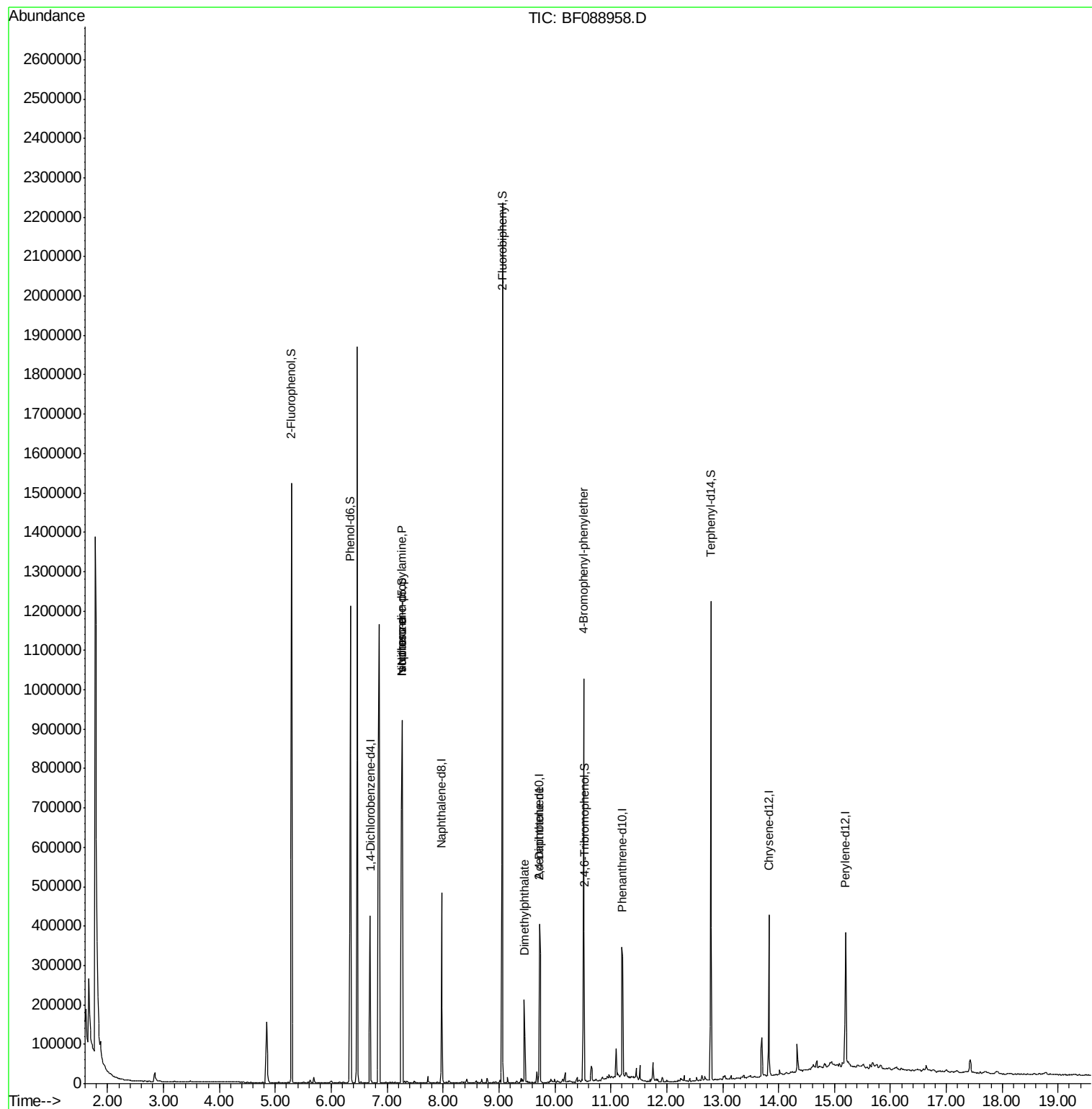
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	64721	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	231167	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	105830	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	174808	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	116010	20.00	ng	-0.02
86) Perylene-d12	15.20	264	122726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	435489	100.84	ng	0.00
7) Phenol-d6	6.34	99	621447	111.37	ng	-0.01
23) Nitrobenzene-d5	7.27	82	433080	98.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	131464	133.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	635991	94.93	ng	-0.01
78) Terphenyl-d14	12.79	244	377063	72.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	58338	15.56	ng	# 68
25) Isophorone	7.27	82	394851	48.32	ng	# 65
49) Dimethylphthalate	9.45	163	100726	13.36	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	13688	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.51	248	8100	4.60	ng	# 1

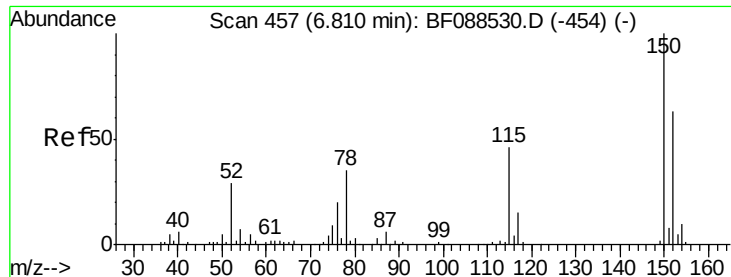
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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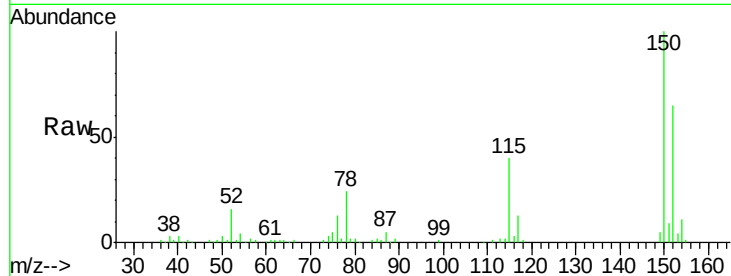


#1

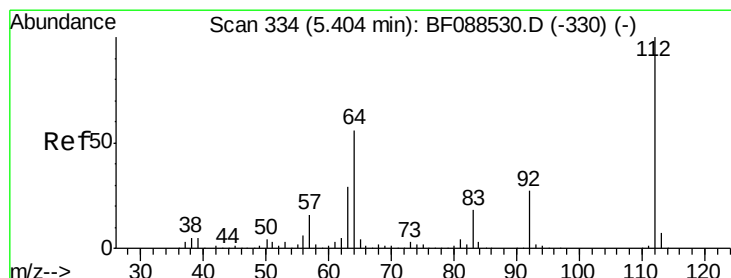
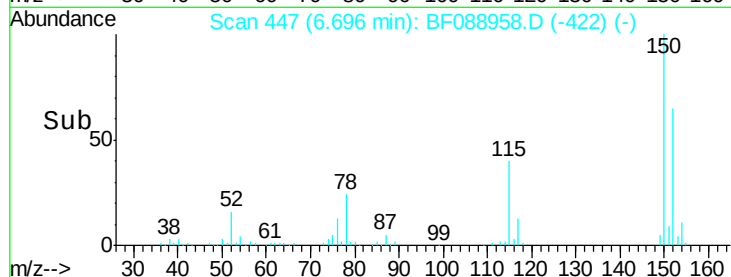
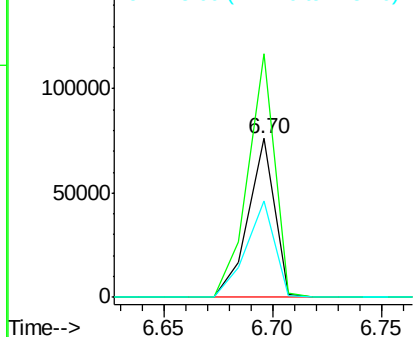
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64721
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 60.7 39.6 59.4#



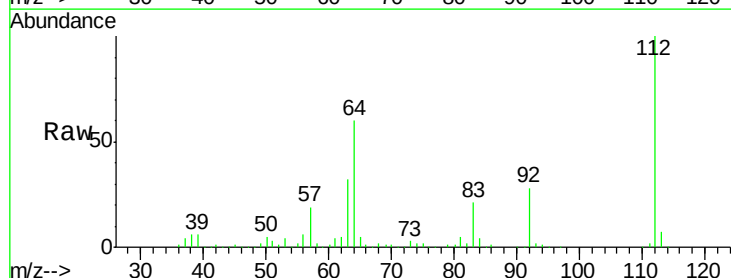
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



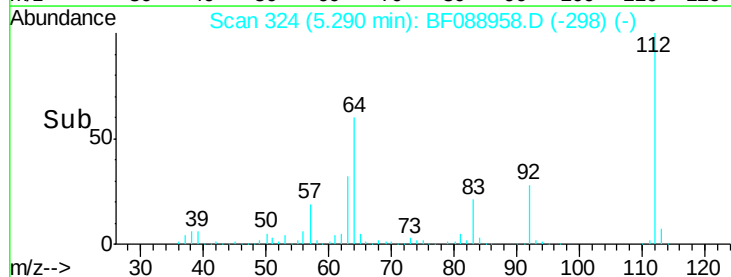
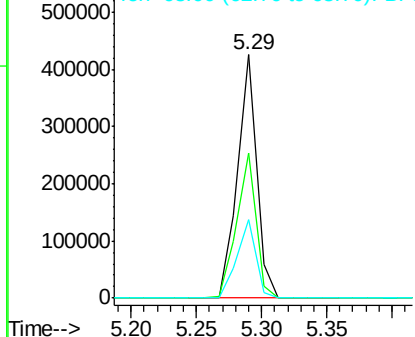
#5

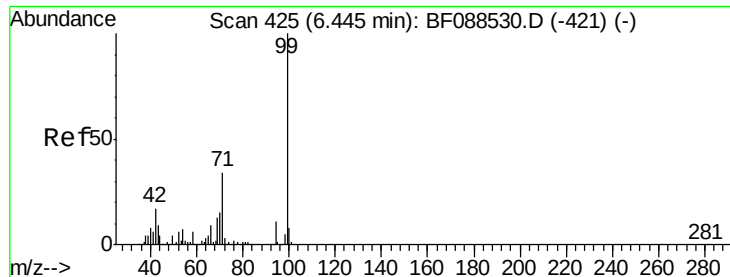
2-Fluorophenol
Concen: 100.84 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:112 Resp: 435489
Ion Ratio Lower Upper
112 100
64 59.7 42.2 63.2
63 32.1 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: 111.37 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampled :

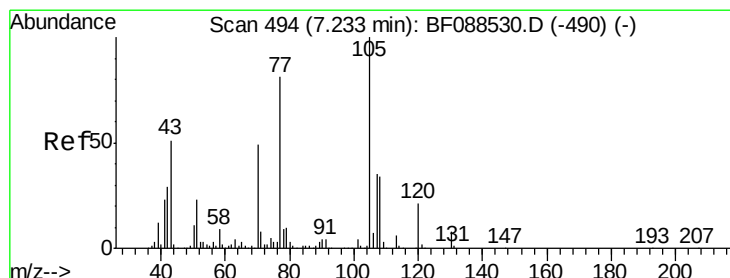
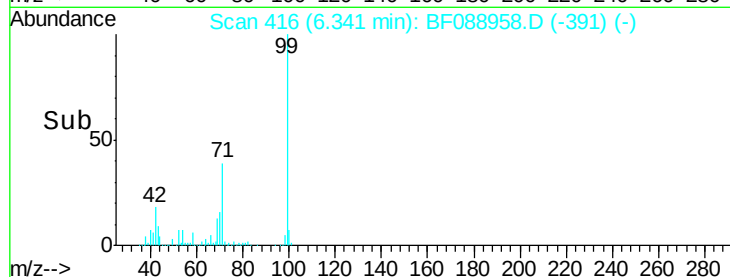
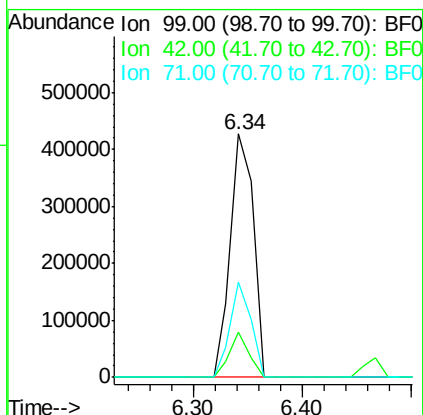
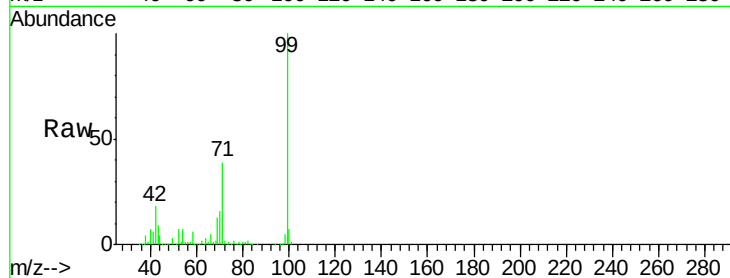
Tot Ion: 99 Resp: 621447

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 39.0 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.56 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Tgt Ion: 70 Resp: 58338

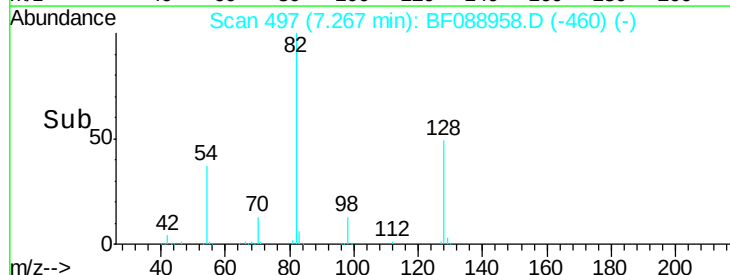
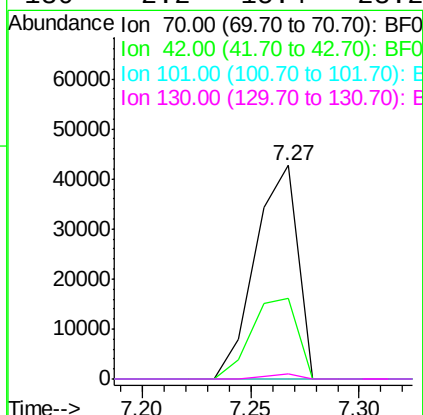
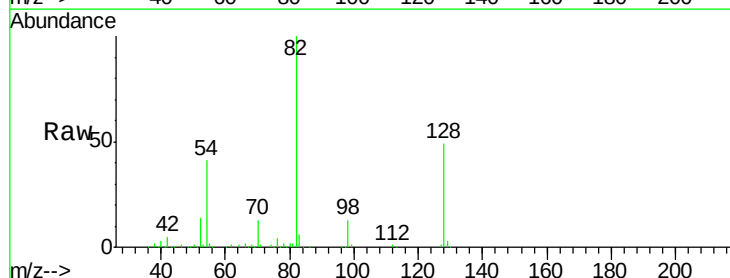
Ion Ratio Lower Upper

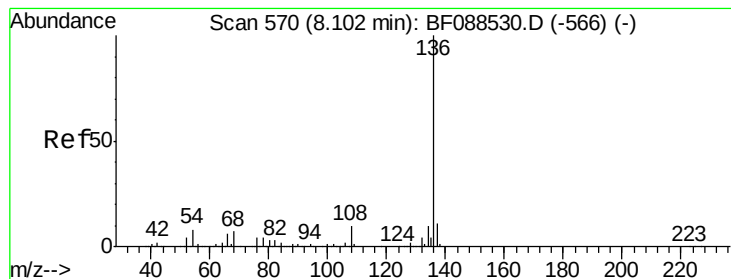
70 100

42 37.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 231167

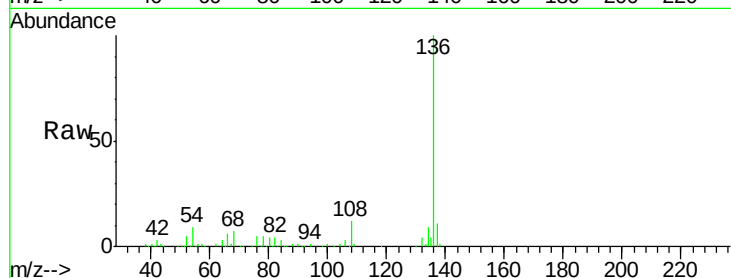
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 6.6 5.1 7.7

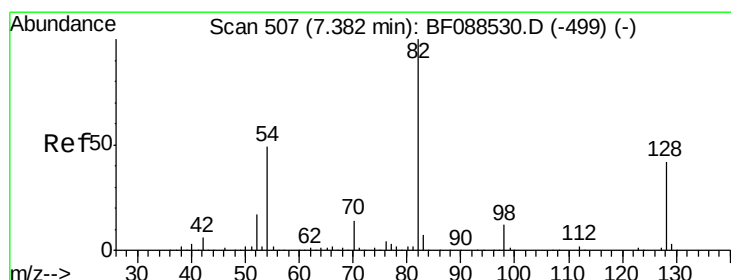
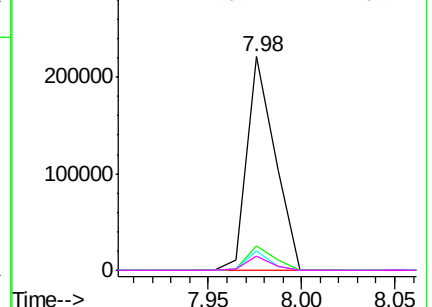
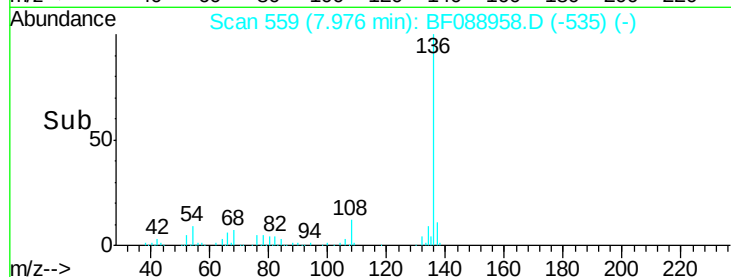


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.18 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

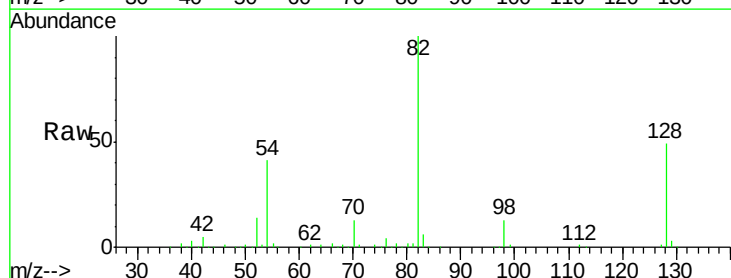
Tgt Ion: 82 Resp: 433080

Ion Ratio Lower Upper

82 100

128 48.8 35.9 53.9

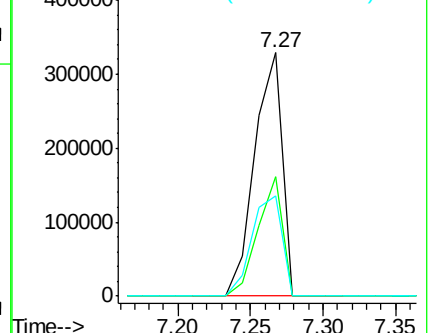
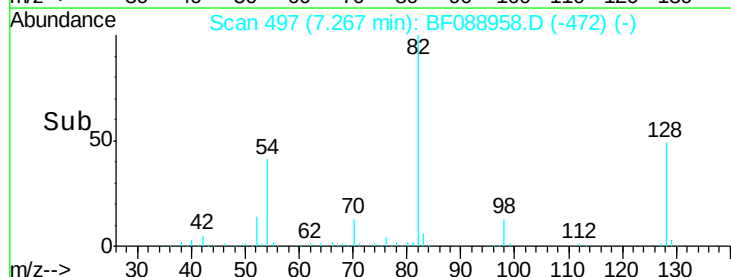
54 41.2 40.9 61.3

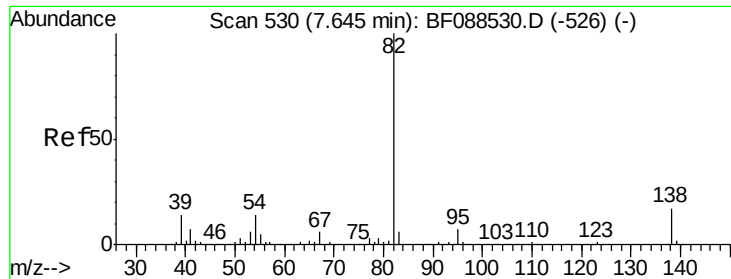


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.32 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampled :

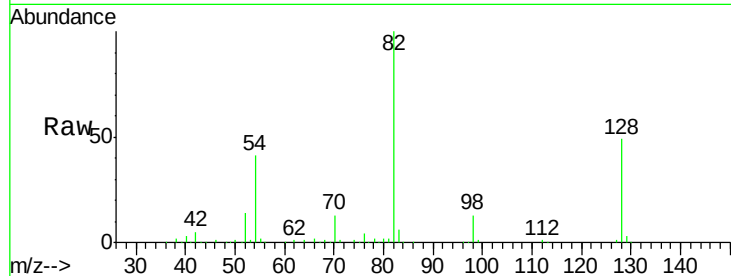
Tot Ion: 82 Resp: 394851

Ion Ratio Lower Upper

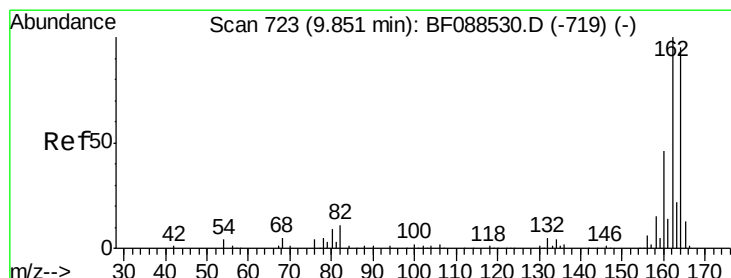
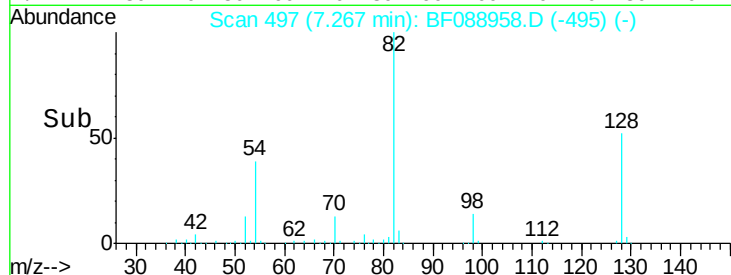
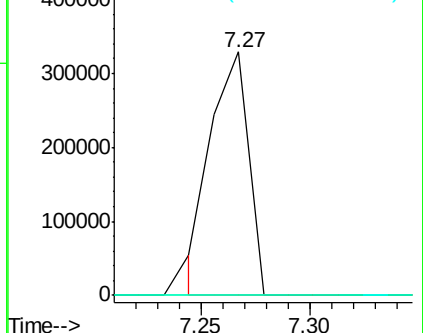
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

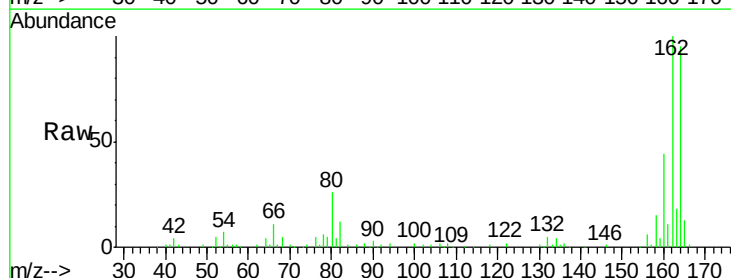
Tgt Ion: 164 Resp: 105830

Ion Ratio Lower Upper

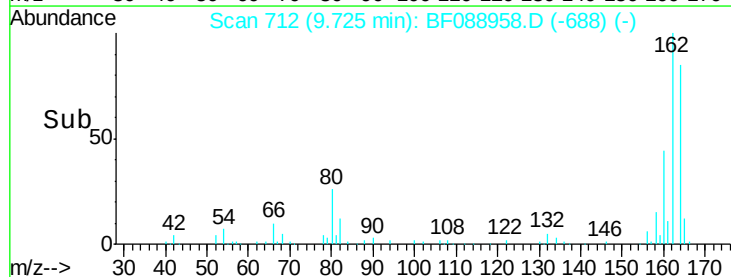
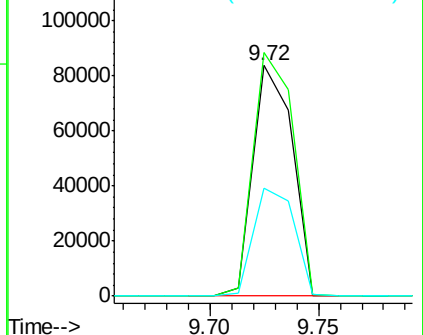
164 100

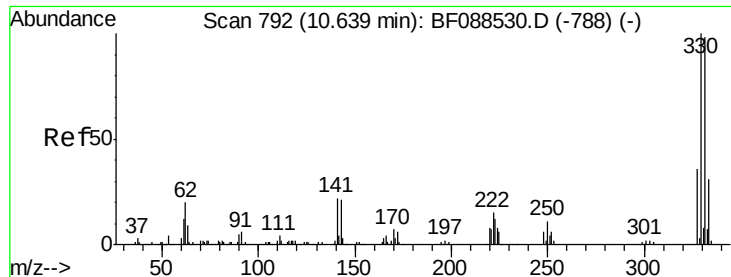
162 105.5 85.4 128.2

160 46.6 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

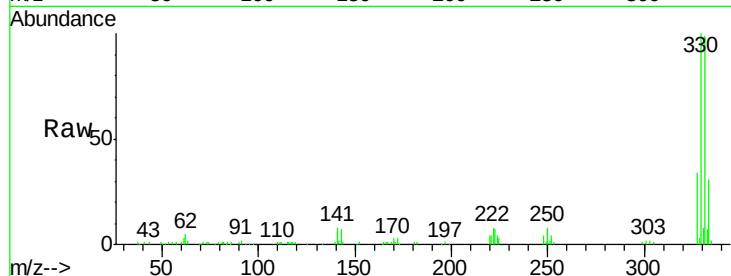




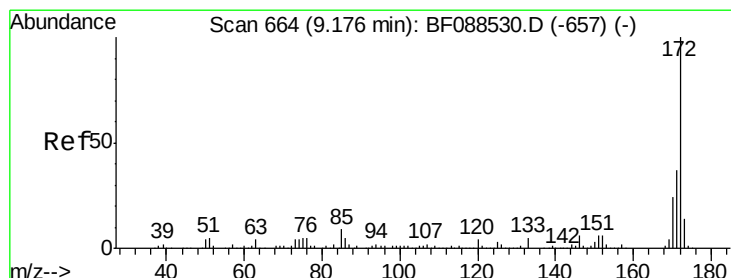
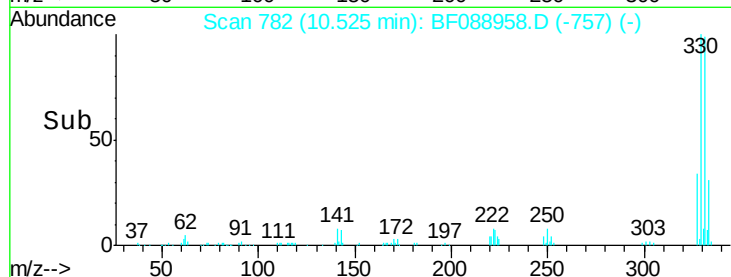
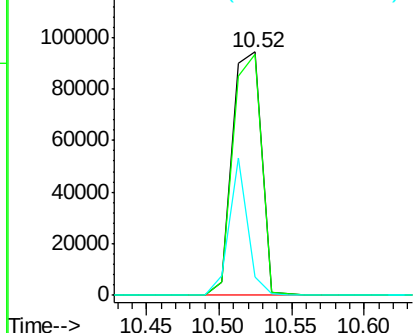
#41
 2,4,6-Tribromophenol
 Concen: 133.77 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	35.8	0.0	0.0#

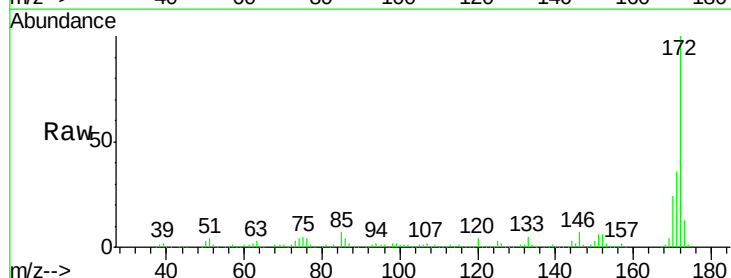


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

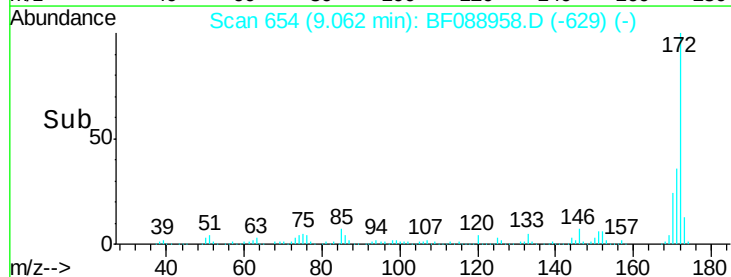
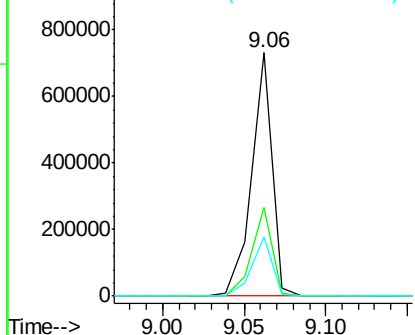


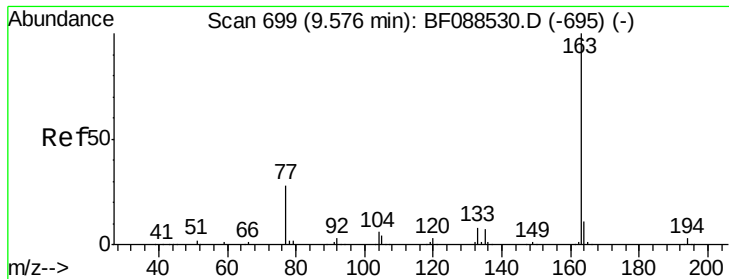
#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	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: 13.36 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampled :

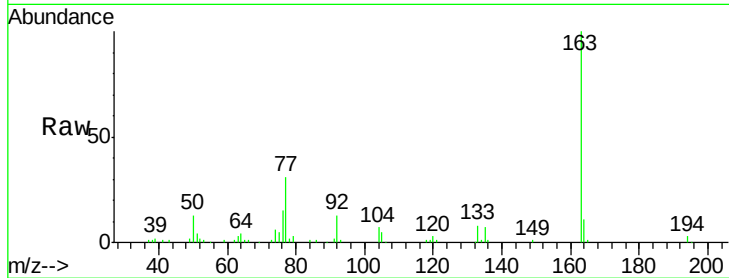
Tot Ion:163 Resp: 100726

Ion Ratio Lower Upper

163 100

194 2.6 2.8 4.2#

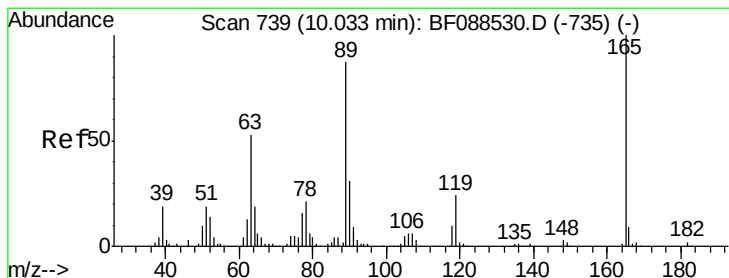
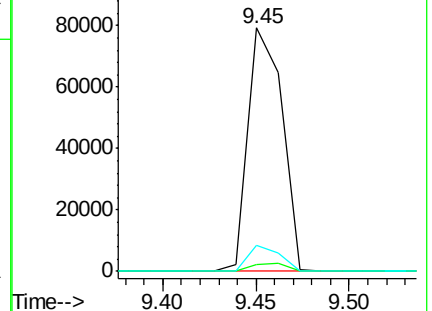
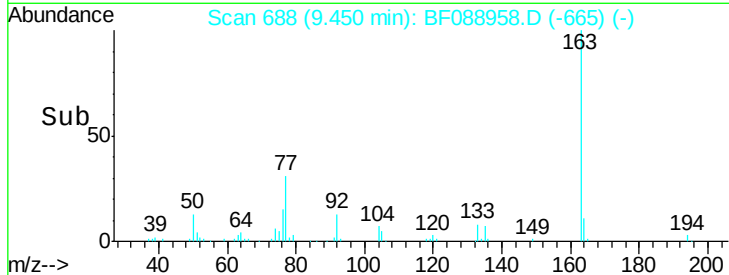
164 10.7 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Tgt Ion:165 Resp: 13688

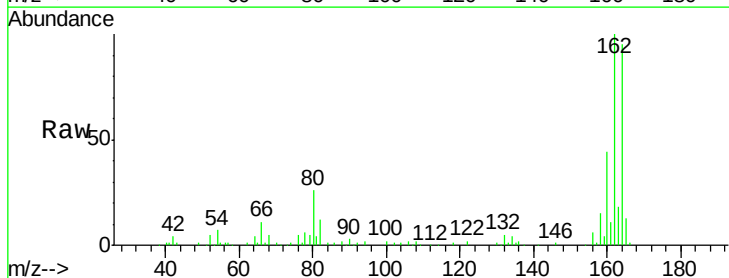
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 2.8 41.1 61.7#

182 0.0 2.0 3.0#

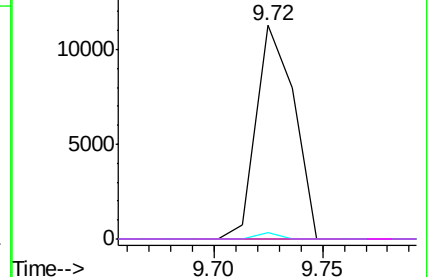
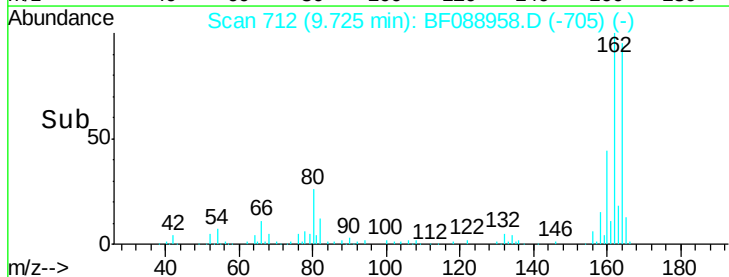


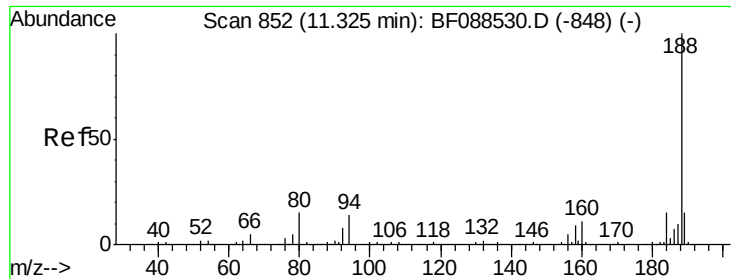
Abundance Ion 165.00 (164.70 to 165.70): E

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

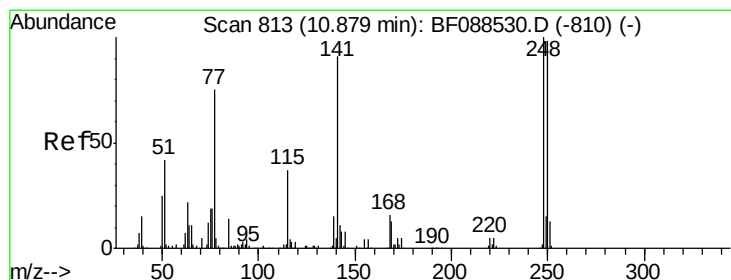
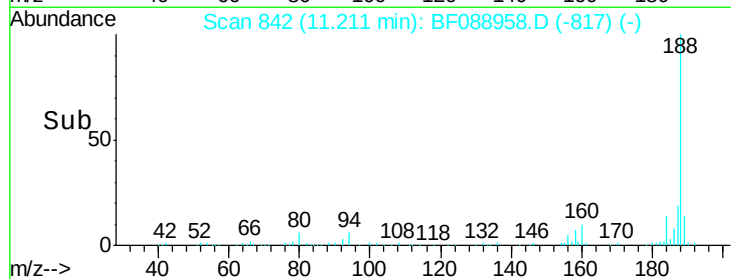
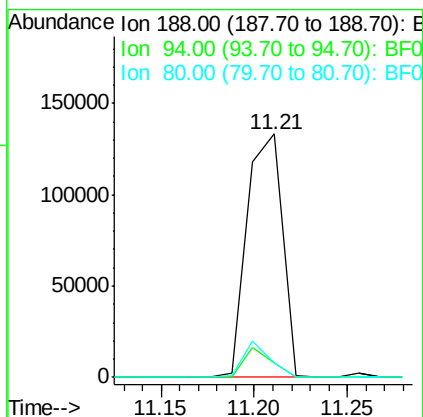
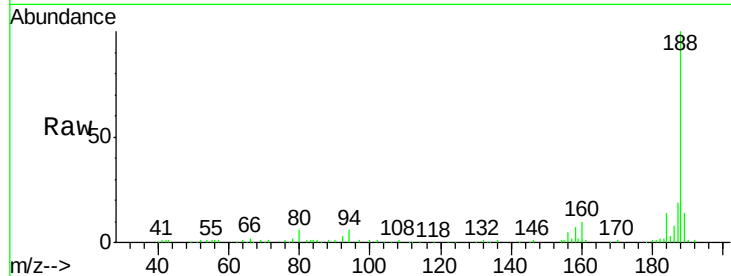




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

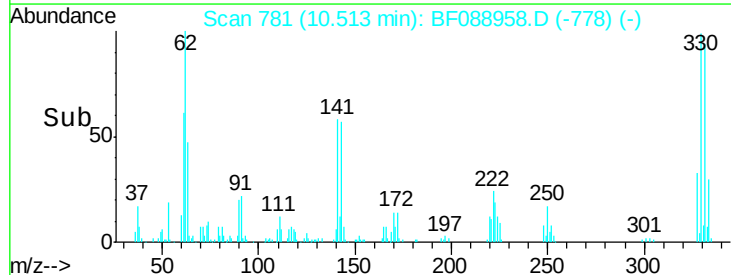
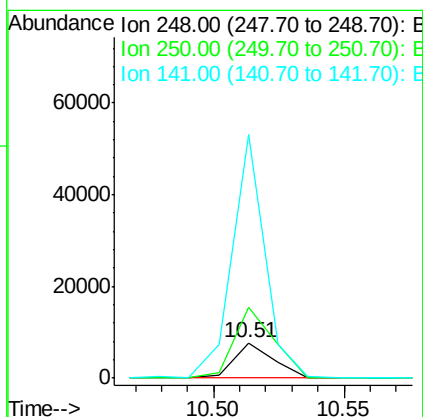
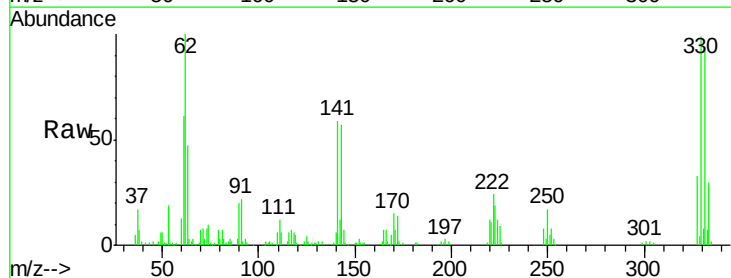
Instrument :
 BNA_F
 ClientSampleId :

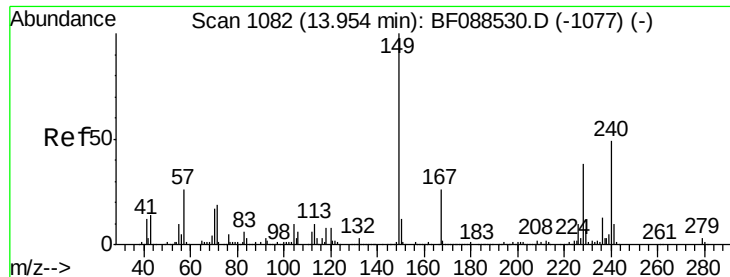
Tot Ion:188 Resp: 174808
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.6#
 80 5.9 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 4.60 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.26 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:248 Resp: 8100
 Ion Ratio Lower Upper
 248 100
 250 203.5 77.1 115.7#
 141 693.6 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

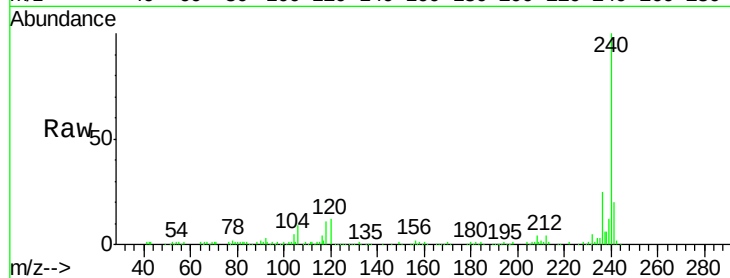
Tot Ion:240 Resp: 116010

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

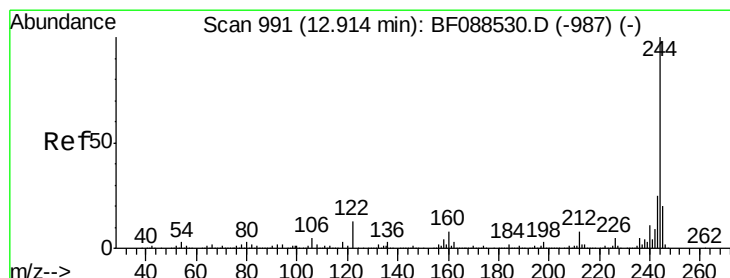
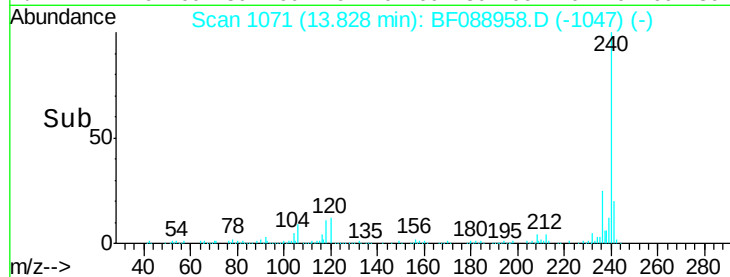
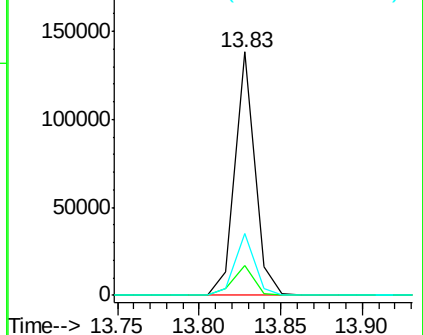
236 25.3 20.2 30.2



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: 72.39 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

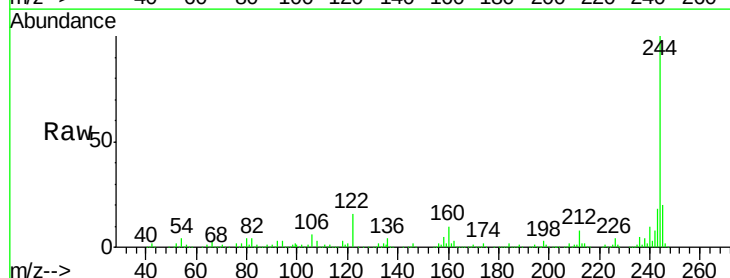
Tgt Ion:244 Resp: 377063

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

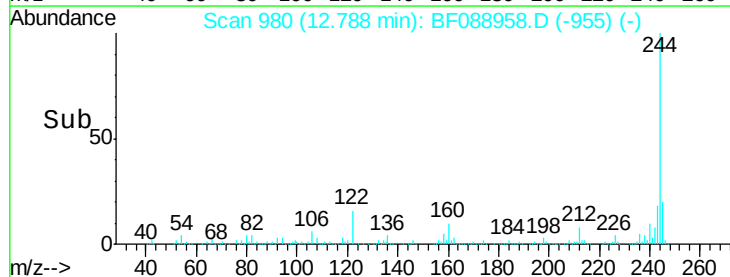
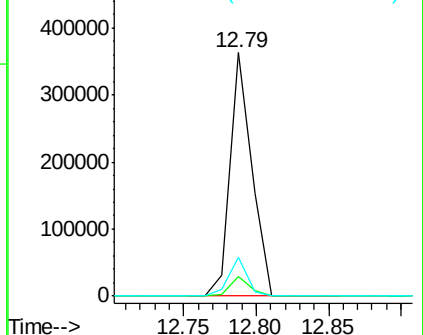
122 16.2 11.2 16.8

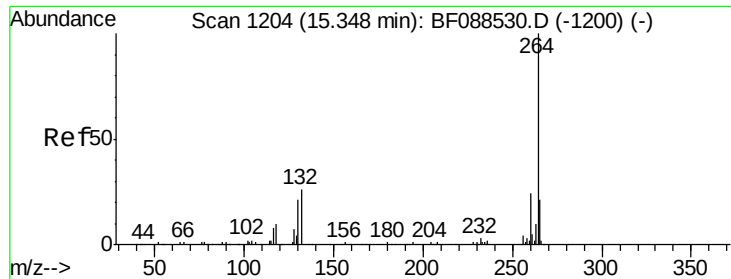


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

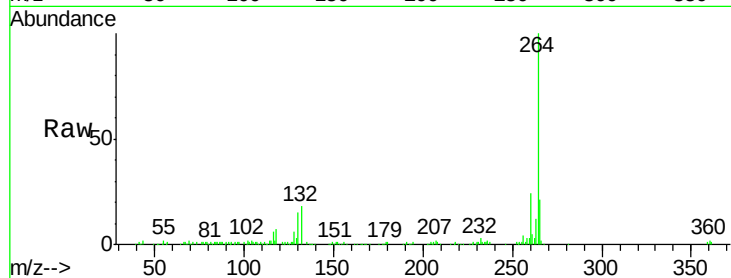




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3



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

