

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088604.D
 Acq On : 2 Jul 2016 5:59
 Operator : UM/SJ
 Sample : H3831-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Jul 02 06:28:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

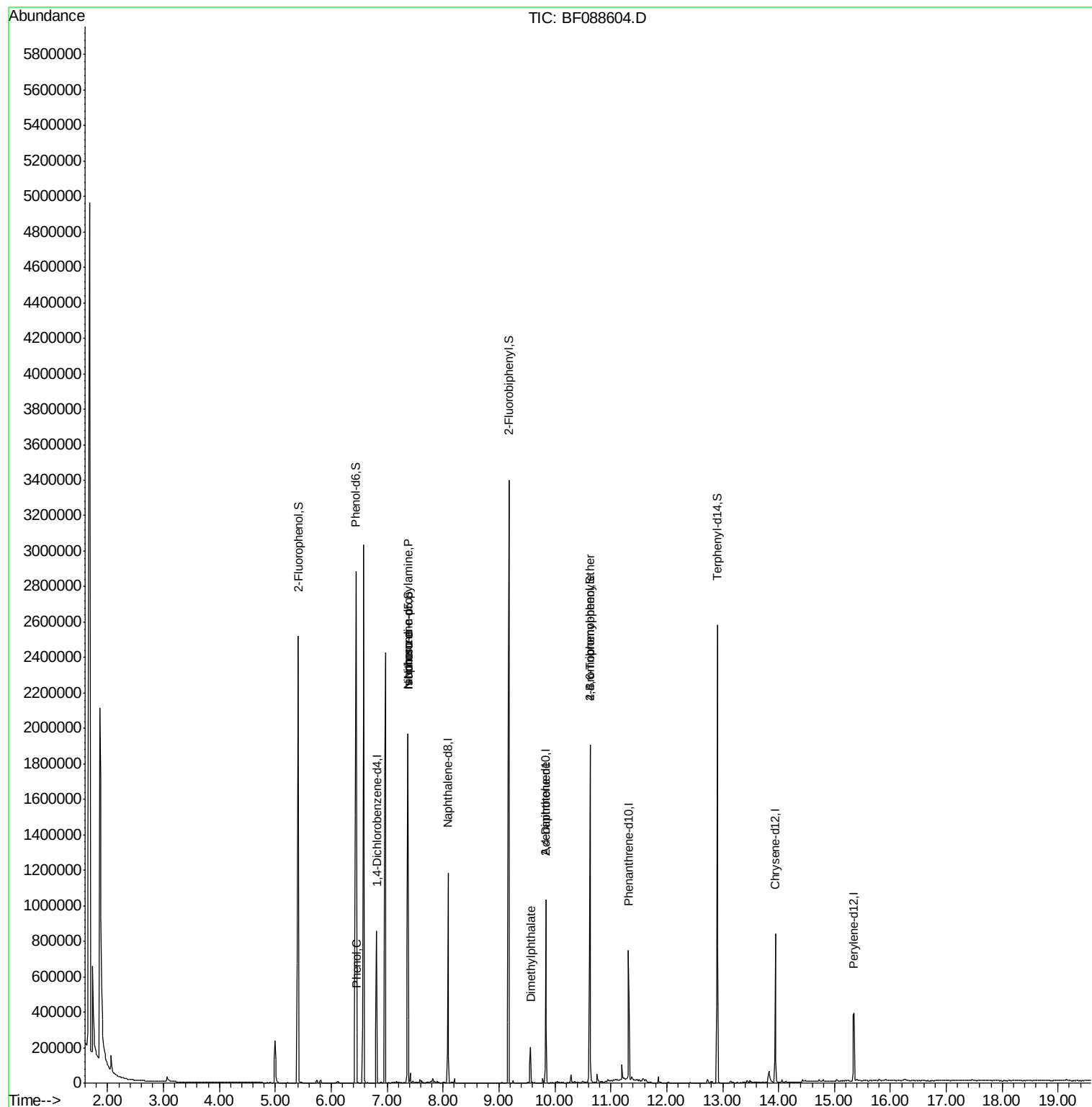
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134169	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482732	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199993	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	322943	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	248051	20.00	ng	-0.01
86) Perylene-d12	15.35	264	209527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1088079	121.54	ng	0.02
7) Phenol-d6	6.44	99	1177549	101.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	748363	81.24	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	208427	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1359803	107.40	ng	0.00
78) Terphenyl-d14	12.90	244	826882	74.25	ng	0.00
Target Compounds						
10) Phenol	6.46	94	38772	2.94	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.37	70	102599	13.20	ng	# 74
25) Isophorone	7.37	82	557627	32.68	ng	# 65
49) Dimethylphthalate	9.56	163	99320	6.97	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24979	6.05	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	15073	4.63	ng	# 1

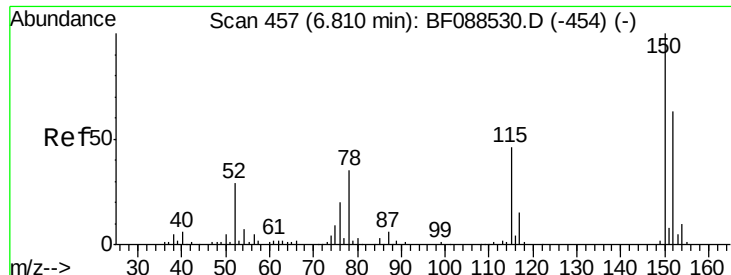
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

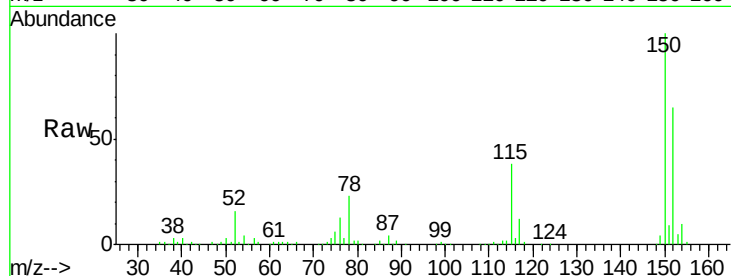
Tgt Ion:152 Resp: 134169

Ion Ratio Lower Upper

152 100

150 152.9 123.8 185.6

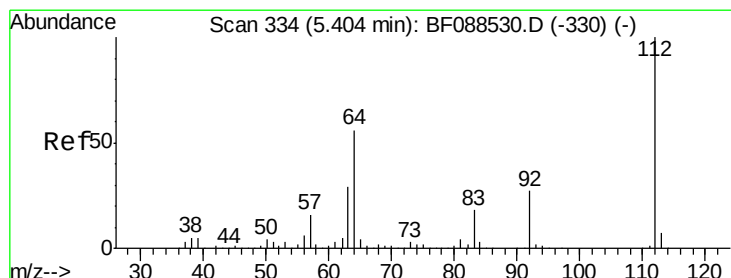
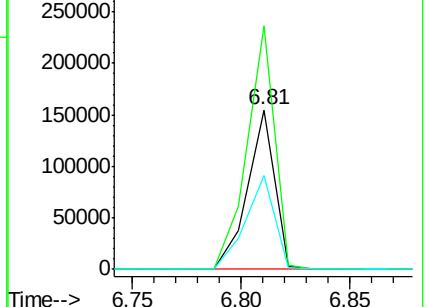
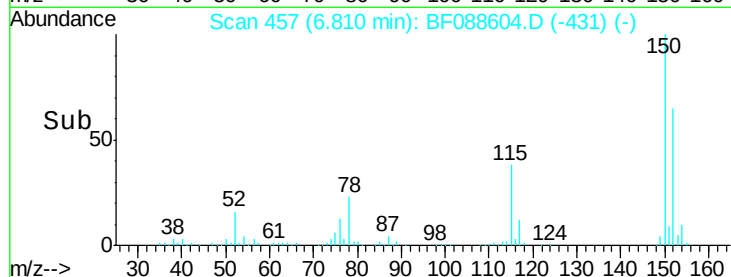
115 58.6 39.6 59.4



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: 121.54 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

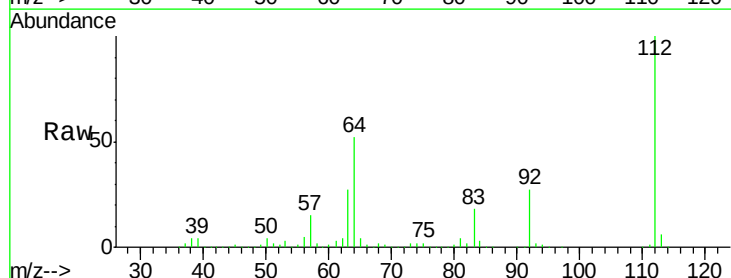
Tgt Ion:112 Resp: 1088079

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

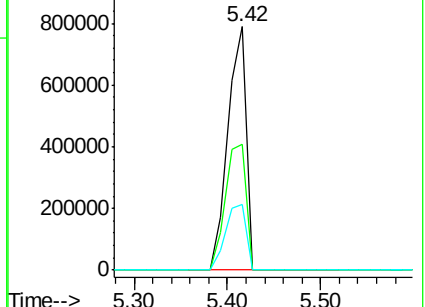
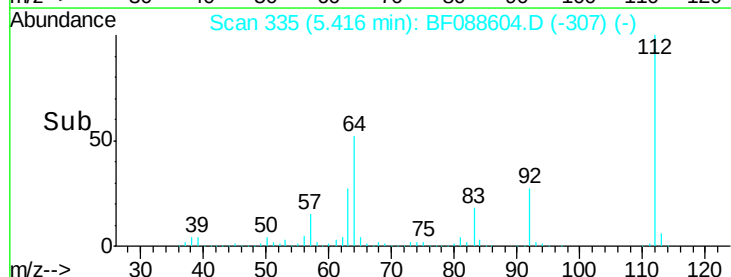
63 26.7 21.8 32.8

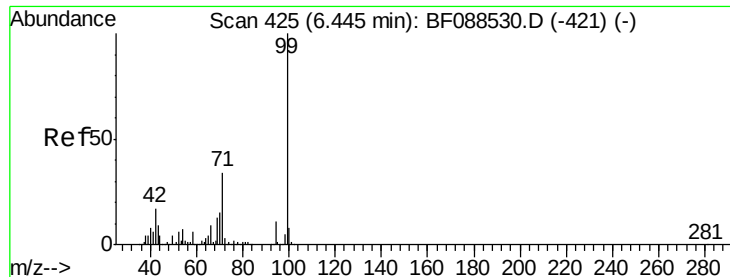


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.80 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

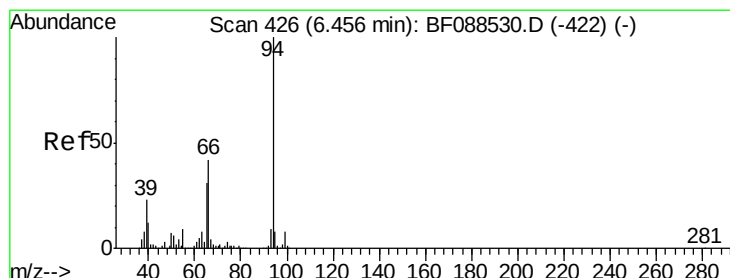
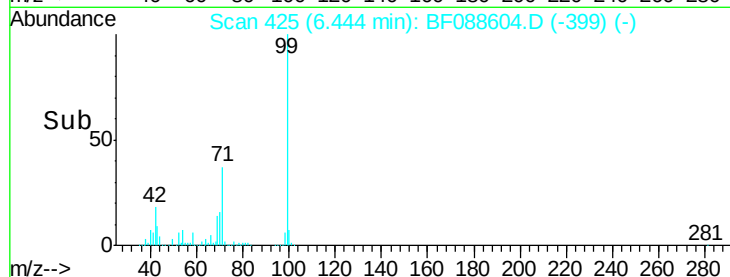
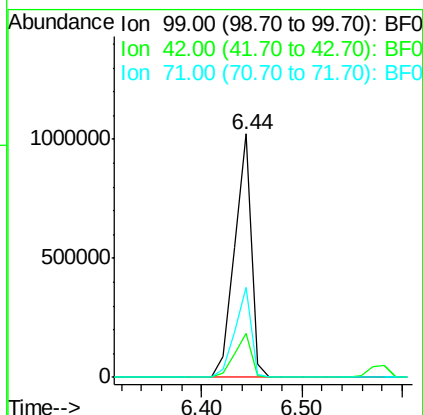
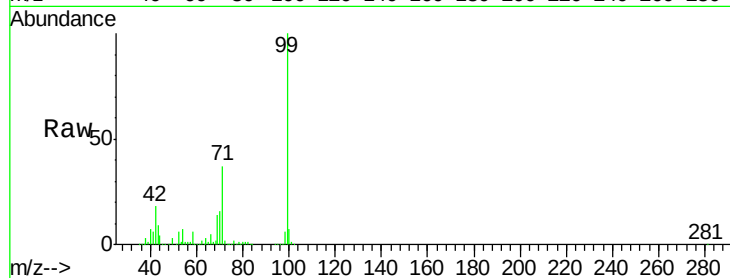
BNA_F

ClientSampleId :

SB-19-COMP

Tgt Ion: 99 Resp: 1177549

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	36.7	23.4	35.0#



#10

Phenol

Concen: 2.94 ng

RT: 6.46 min Scan# 426

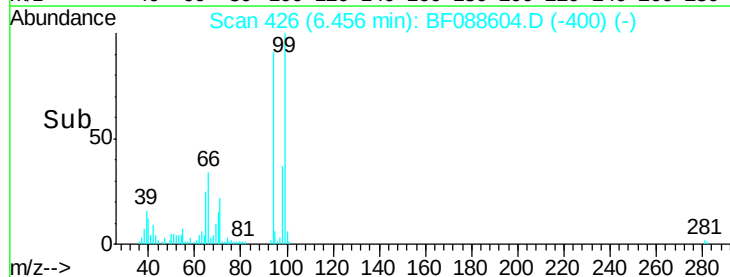
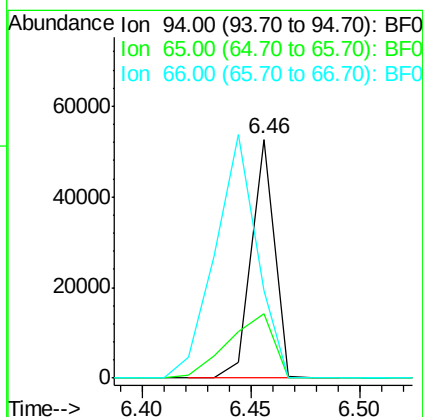
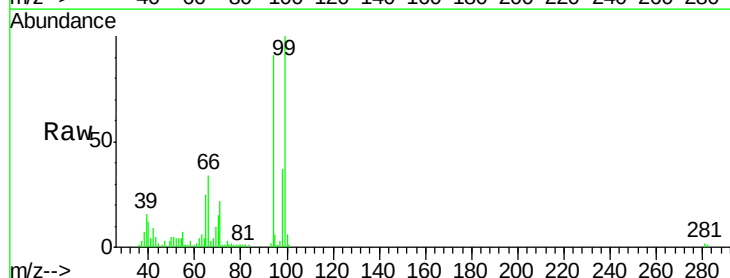
Delta R.T. -0.00 min

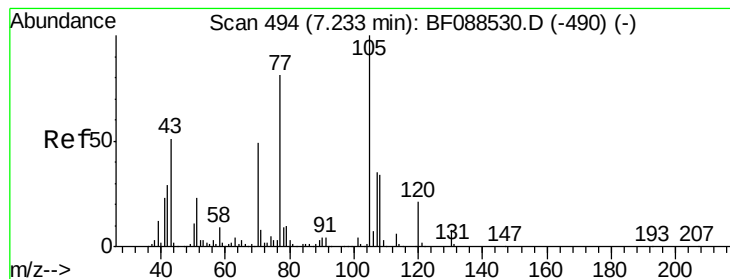
Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Tgt Ion: 94 Resp: 38772

Ion	Ratio	Lower	Upper
94	100		
65	27.1	5.9	45.9
66	36.8	14.0	54.0





#19

n-Nitroso-di-n-propylamine

Concen: 13.20 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

Tgt Ion: 70 Resp: 102599

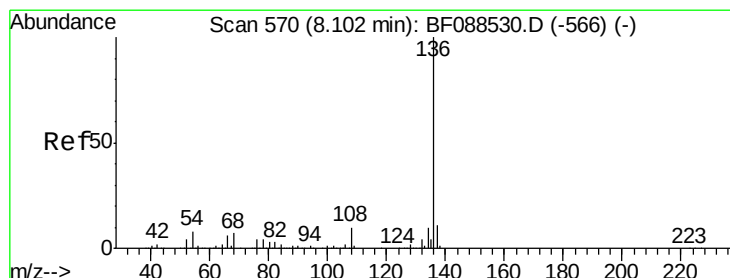
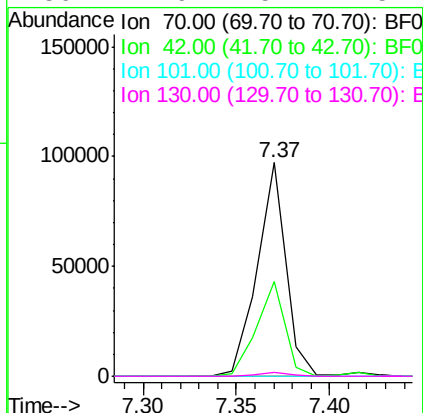
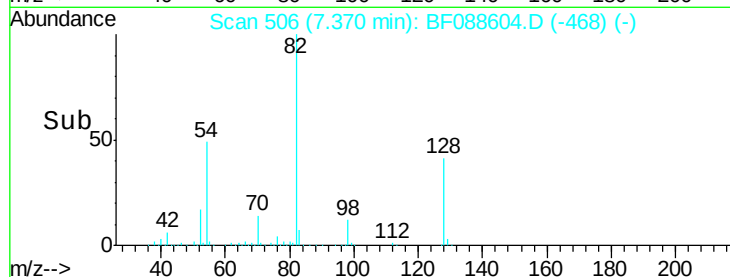
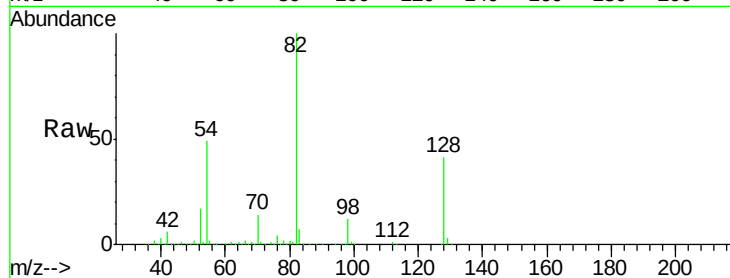
Ion Ratio Lower Upper

70 100

42 44.4 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. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Tgt Ion: 136 Resp: 482732

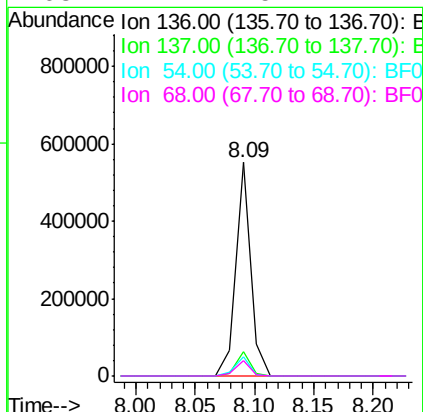
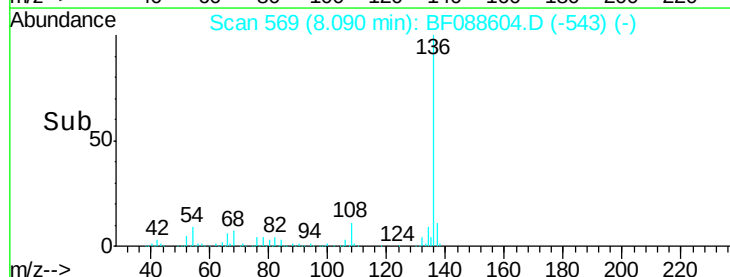
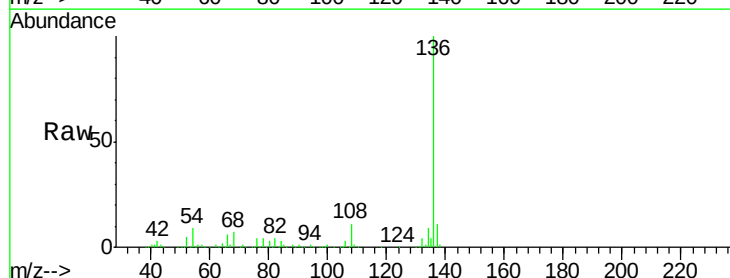
Ion Ratio Lower Upper

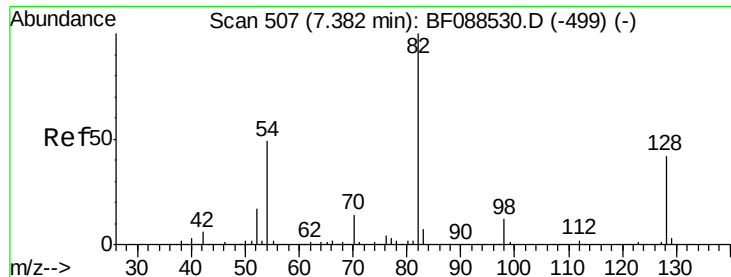
136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

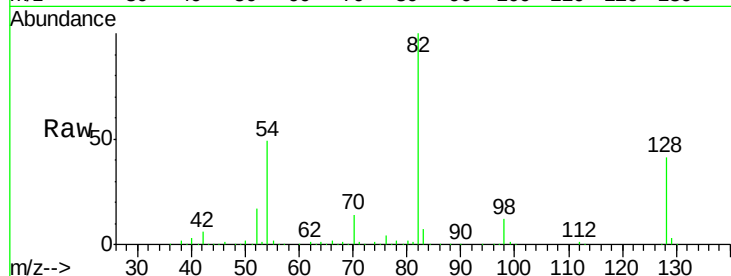




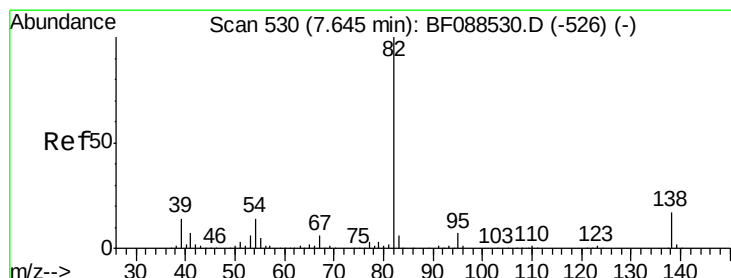
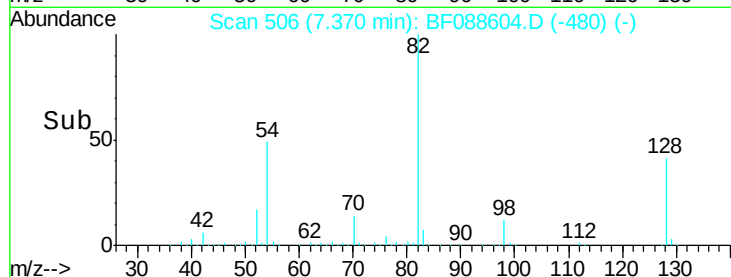
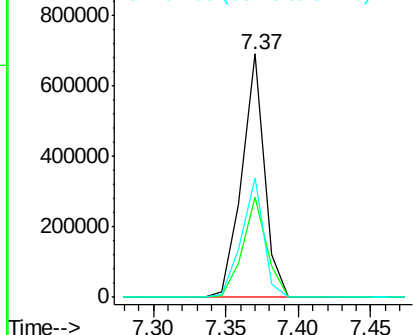
#23
 Nitrobenzene-d5
 Concen: 81.24 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion: 82 Resp: 748363
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.9 53.9
 54 49.3 40.9 61.3

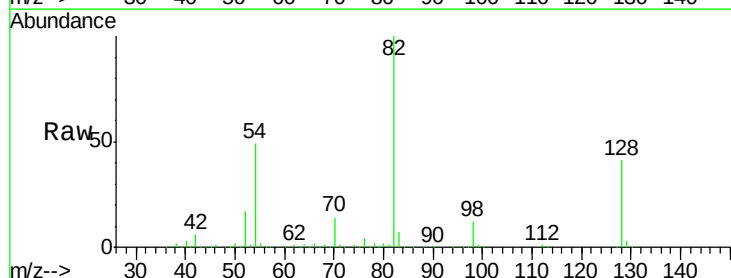


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

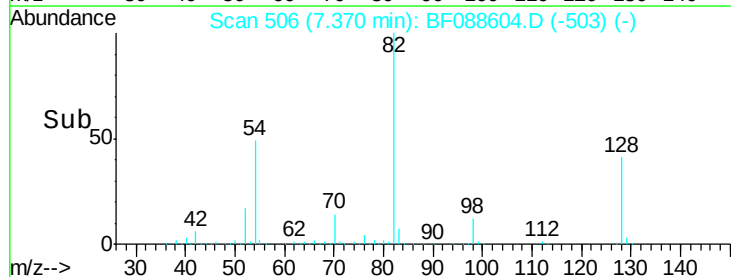
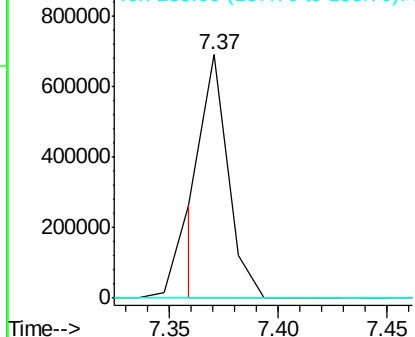


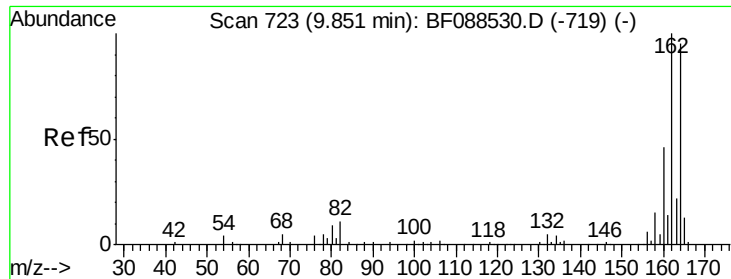
#25
 Isophorone
 Concen: 32.68 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.26 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Tgt Ion: 82 Resp: 557627
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

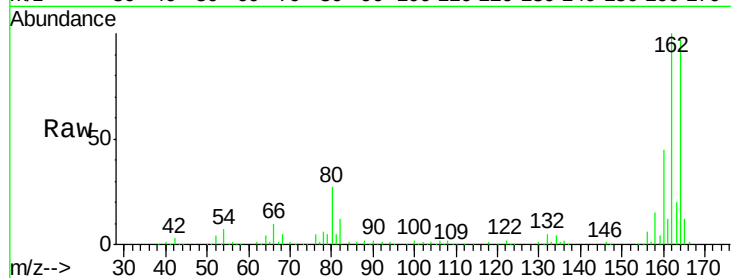
Tgt Ion:164 Resp: 199993

Ion Ratio Lower Upper

164 100

162 103.4 85.4 128.2

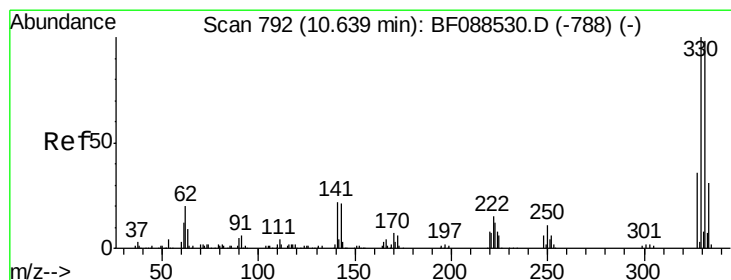
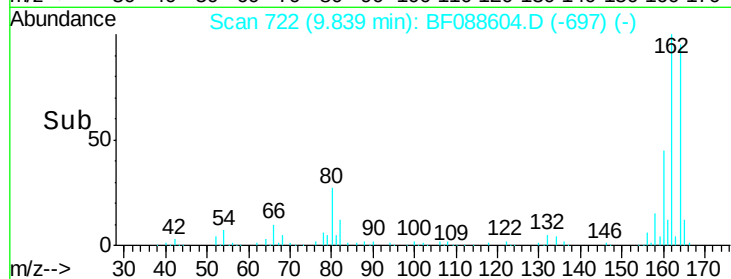
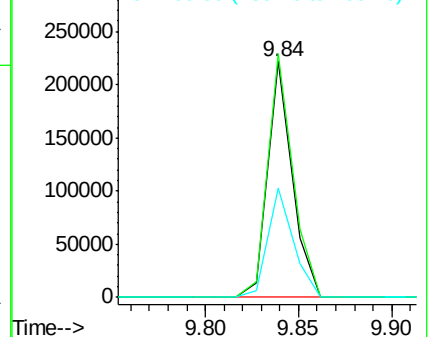
160 46.6 39.5 59.3



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: 112.23 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

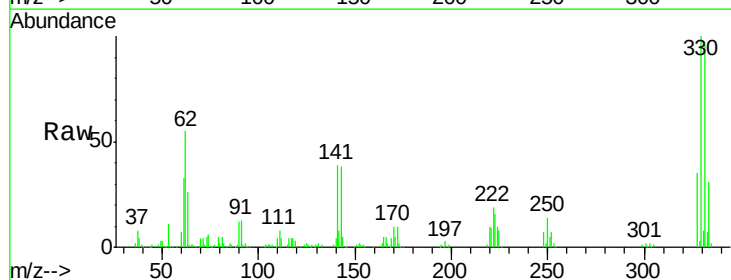
Tgt Ion:330 Resp: 208427

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

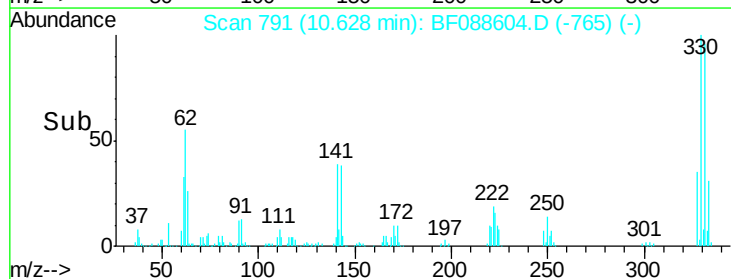
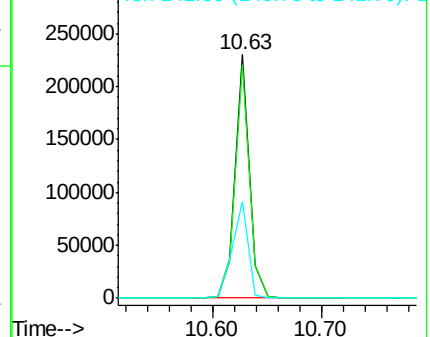
141 43.7 0.0 0.0#

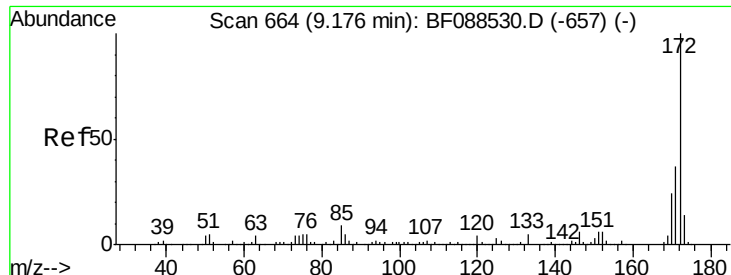


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

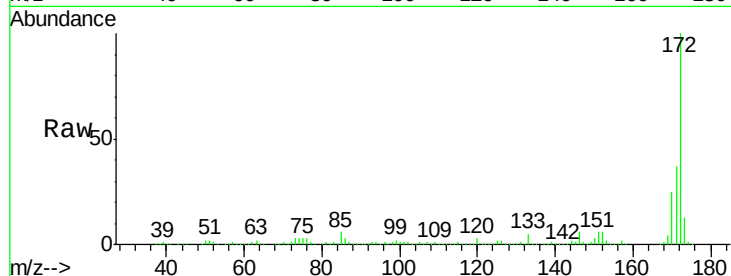




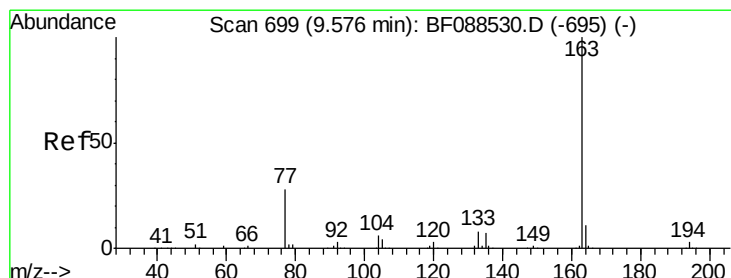
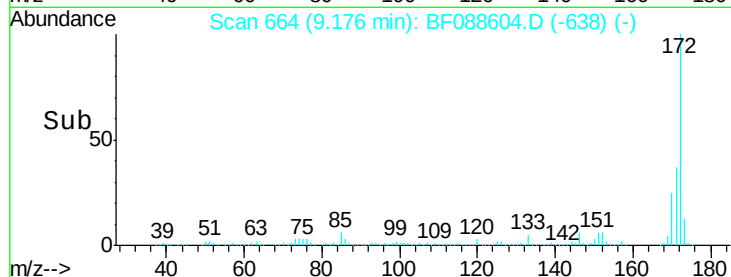
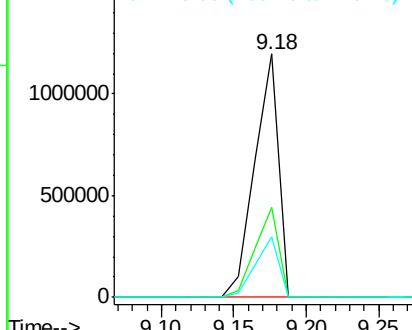
#44
2-Fluorobiphenyl
Concen: 107.40 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion:172 Resp: 1359803
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.9 19.2 28.8

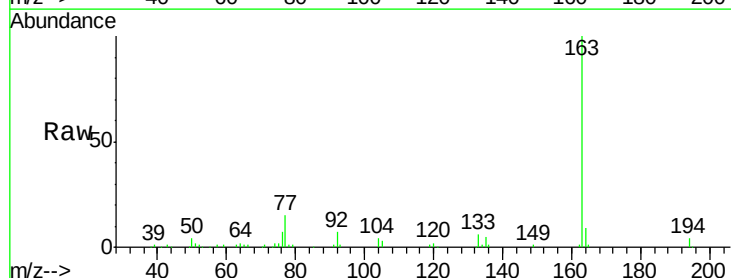


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

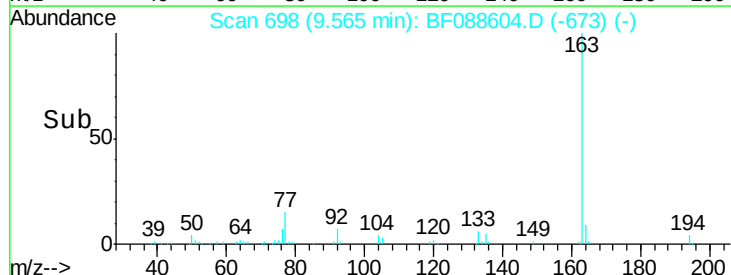
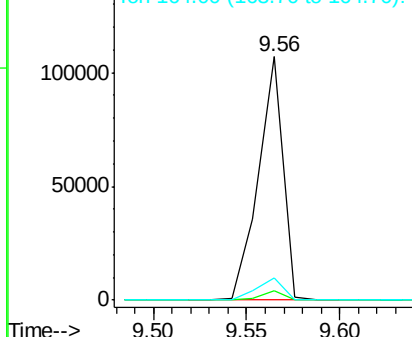


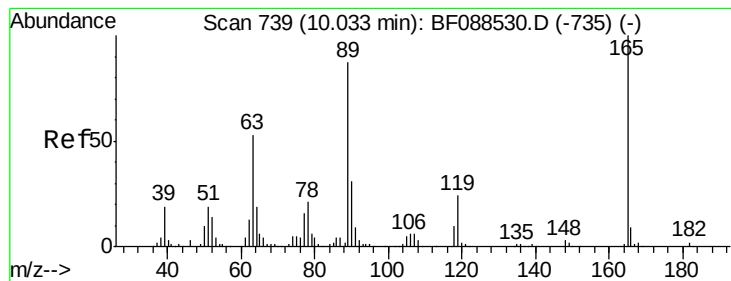
#49
Dimethylphthalate
Concen: 6.97 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Tgt Ion:163 Resp: 99320
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.4 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: 6.05 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

Tgt Ion:165 Resp: 24979

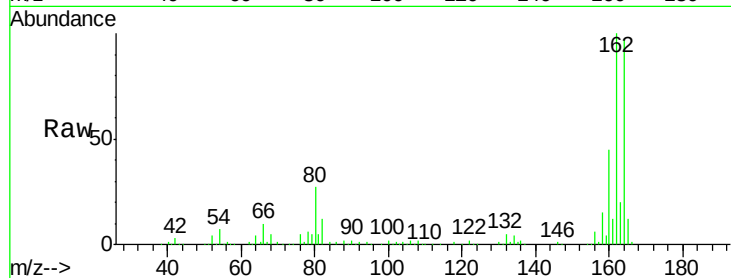
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

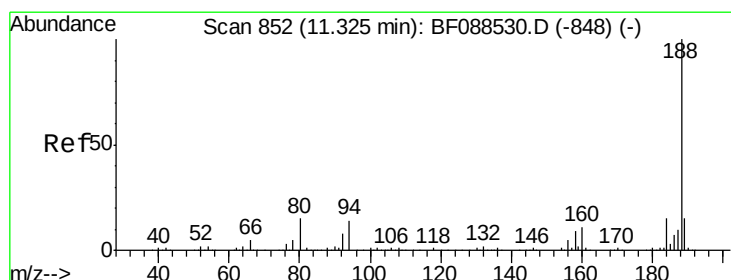
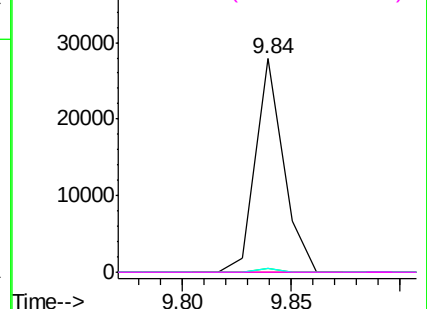
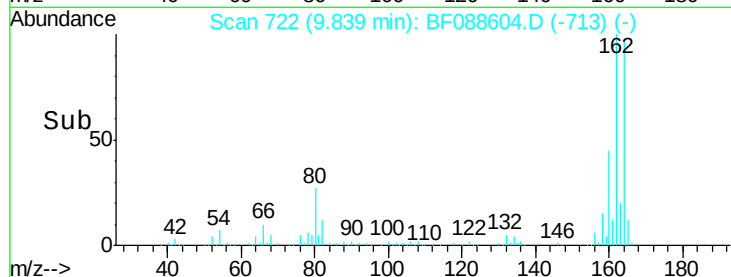


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

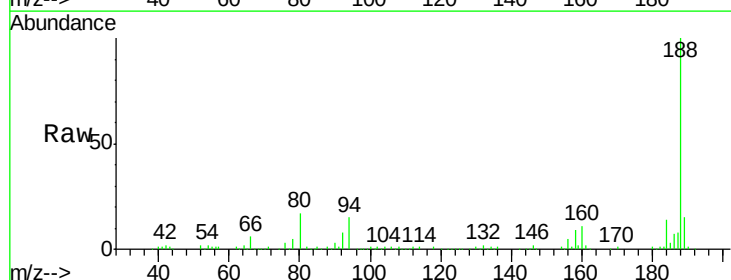
Tgt Ion:188 Resp: 322943

Ion Ratio Lower Upper

188 100

94 14.9 9.0 13.6#

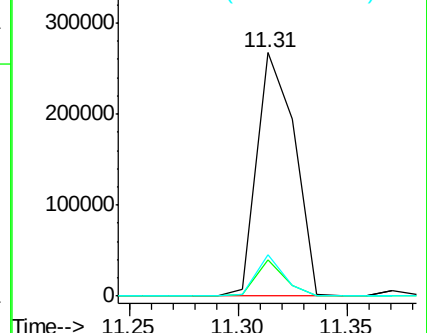
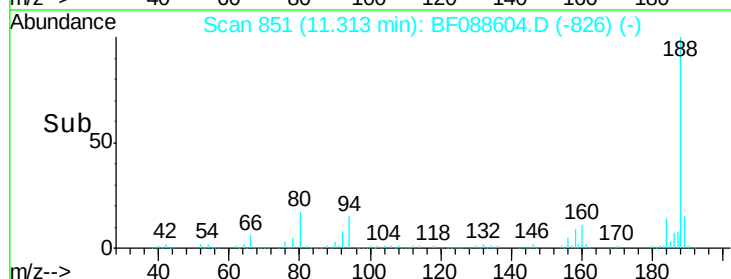
80 16.9 10.0 15.0#

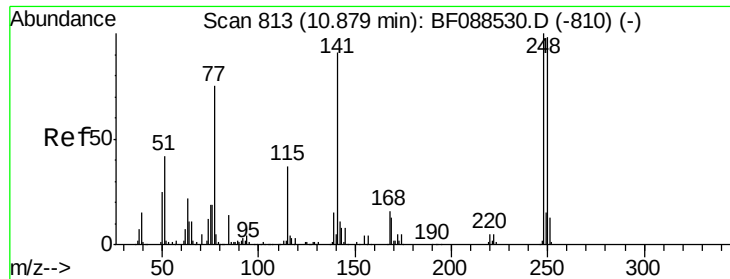


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

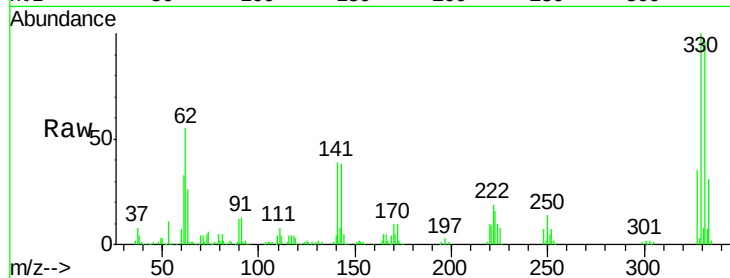




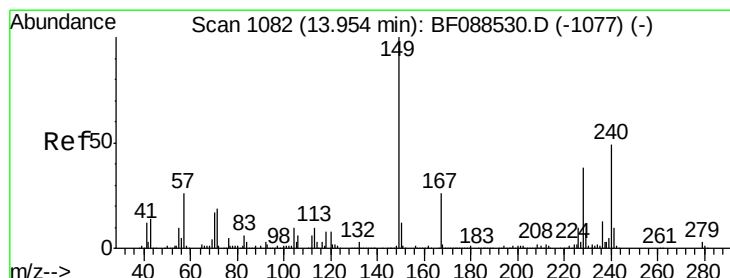
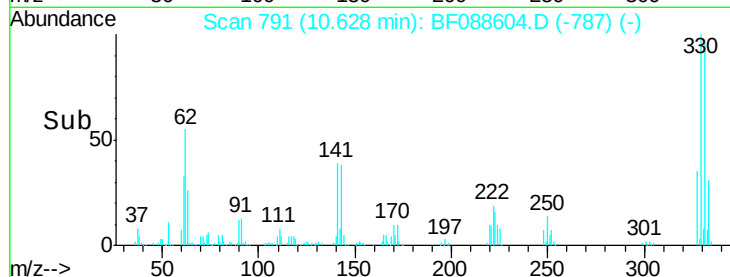
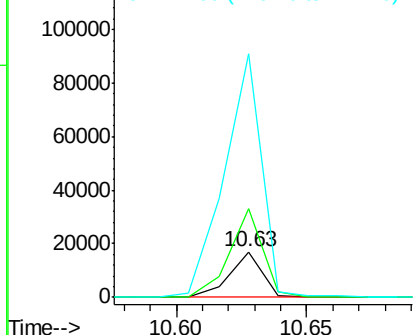
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion:248 Resp: 15073
Ion Ratio Lower Upper
248 100
250 194.3 77.1 115.7#
141 533.0 50.6 76.0#

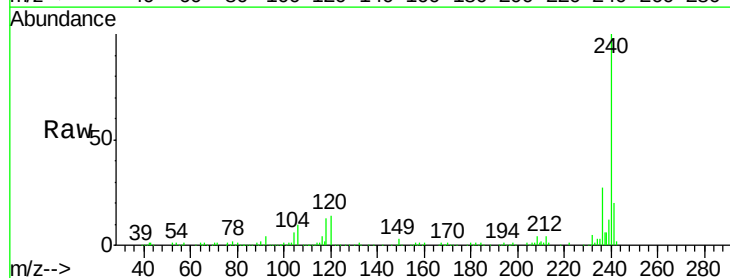


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

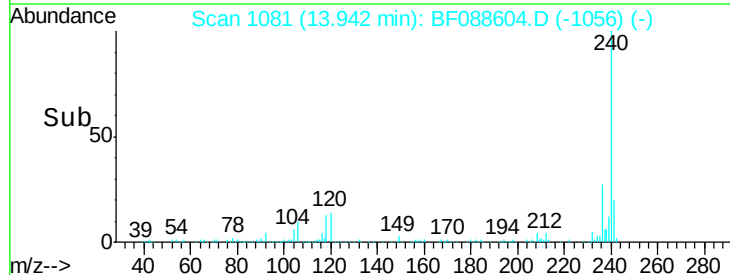
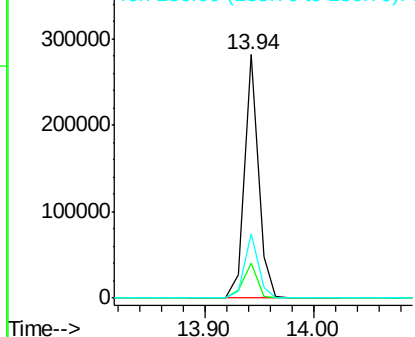


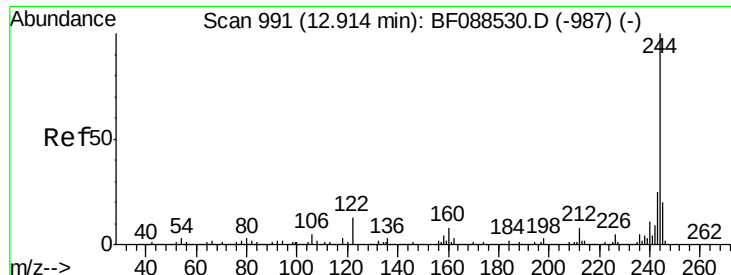
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Tgt Ion:240 Resp: 248051
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 26.7 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: 74.25 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

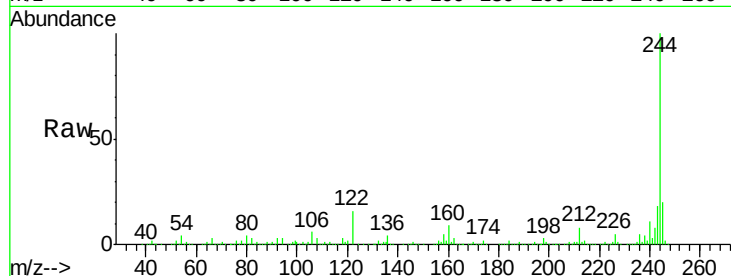
Tgt Ion:244 Resp: 826882

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

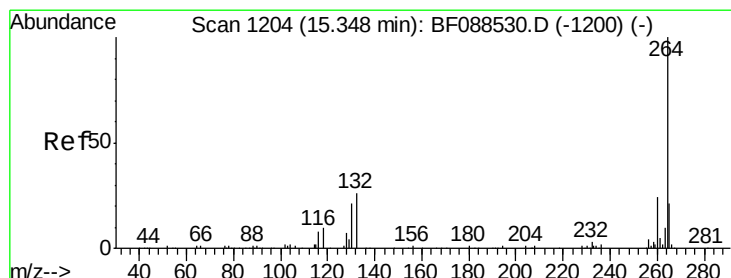
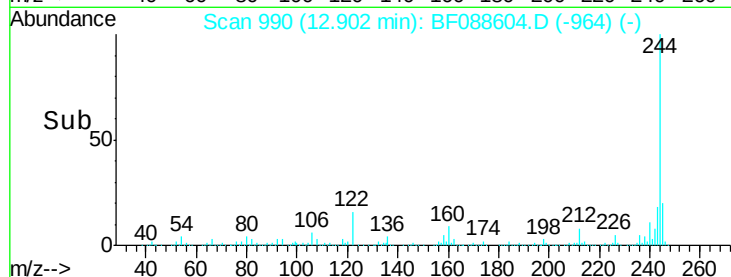
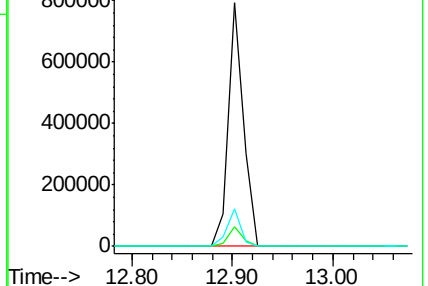
122 15.6 11.2 16.8



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

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

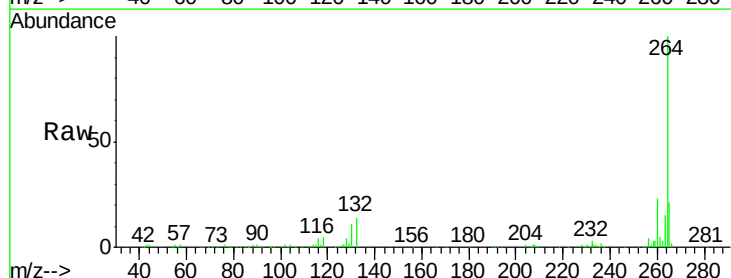
Tgt Ion:264 Resp: 209527

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.0 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

