

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088947.D
 Acq On : 13 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3987-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FLOOR-070816

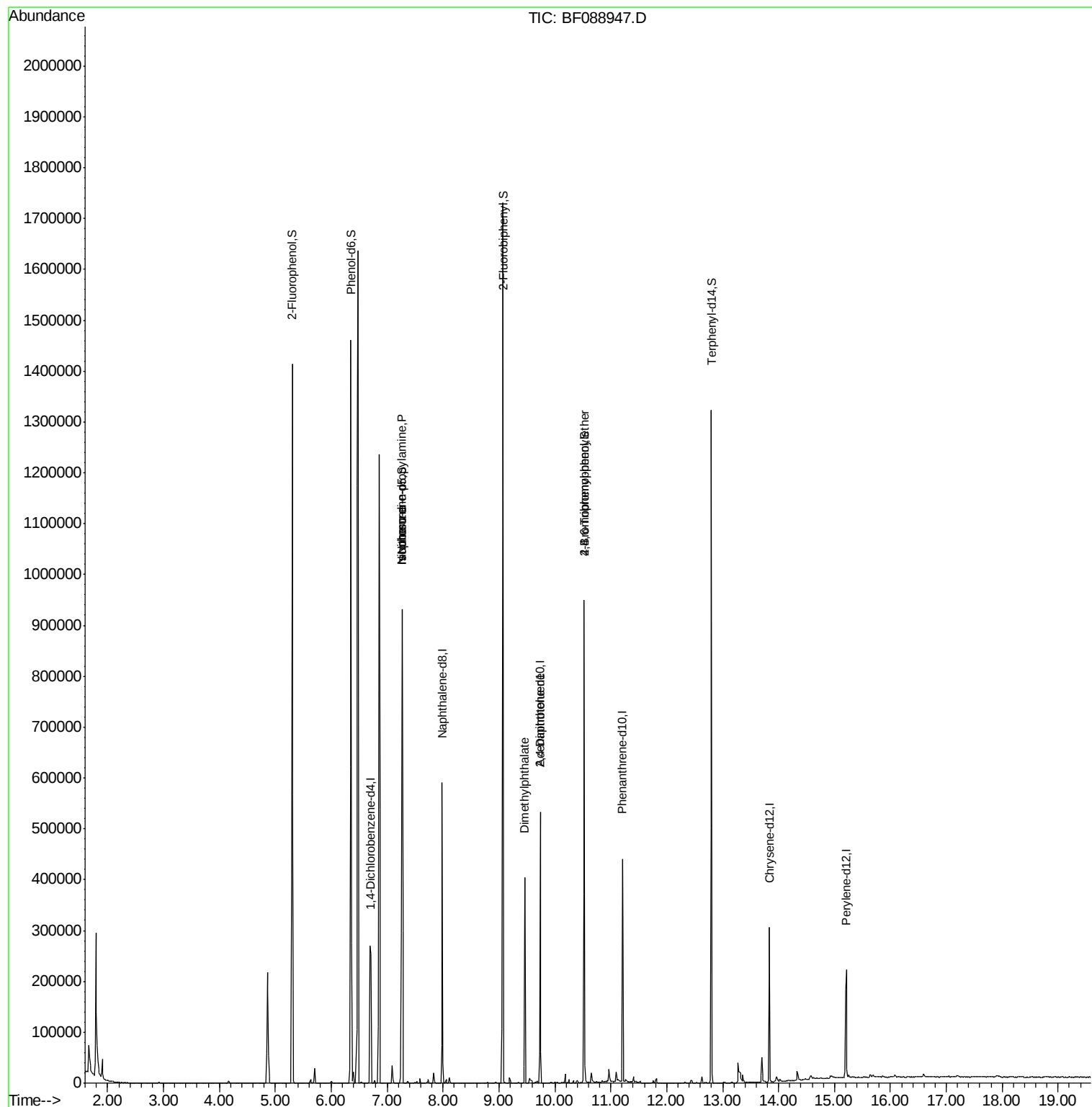
Quant Time: Jul 13 06:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

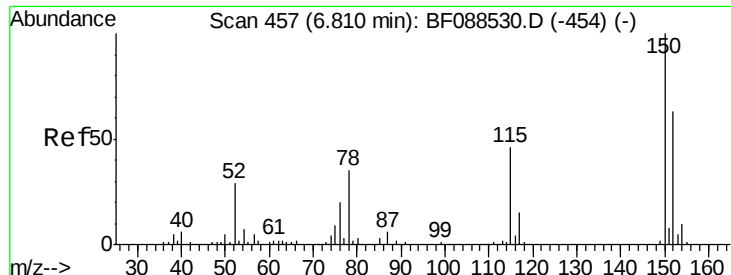
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	59707	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	236079	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	94590	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	139826	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	130893	20.00	ng	-0.01
86) Perylene-d12	15.21	264	107068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	481562	120.88	ng	0.01
7) Phenol-d6	6.35	99	588346	114.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	371894	82.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	108080	123.05	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	690632	115.33	ng	0.00
78) Terphenyl-d14	12.80	244	413517	70.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	50284	14.54	ng	# 74
25) Isophorone	7.27	82	296233	35.50	ng	# 65
49) Dimethylphthalate	9.46	163	140068	20.79	ng	99
56) 2,4-Dinitrotoluene	9.74	165	11936	6.11	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	8078	5.73	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088947.D

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Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

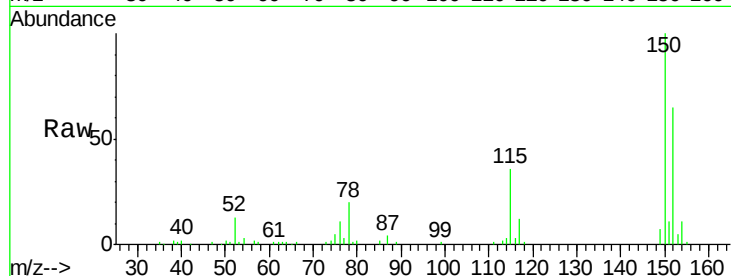
Tgt Ion:152 Resp: 59707

Ion Ratio Lower Upper

152 100

150 153.2 123.8 185.6

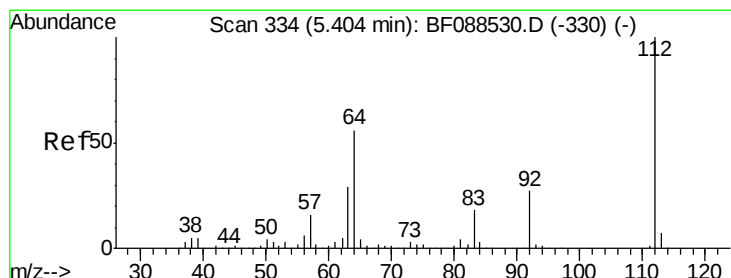
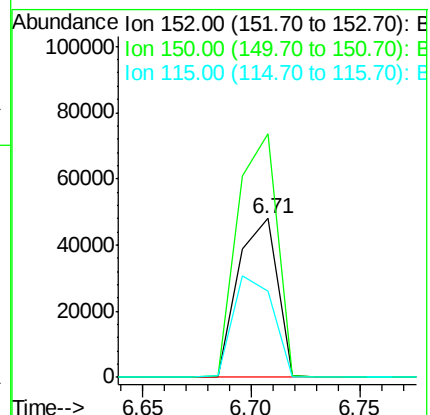
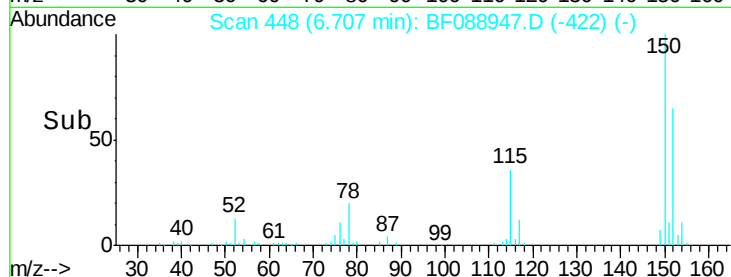
115 54.6 39.6 59.4



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: 120.88 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

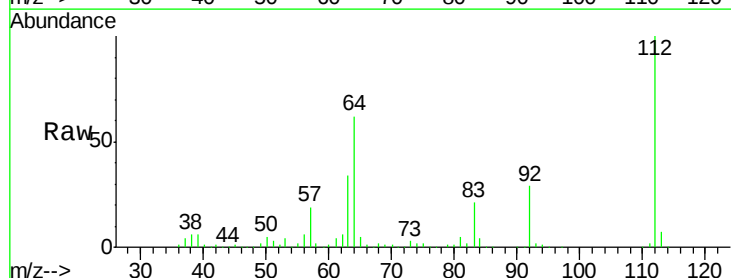
Tgt Ion:112 Resp: 481562

Ion Ratio Lower Upper

112 100

64 61.8 42.2 63.2

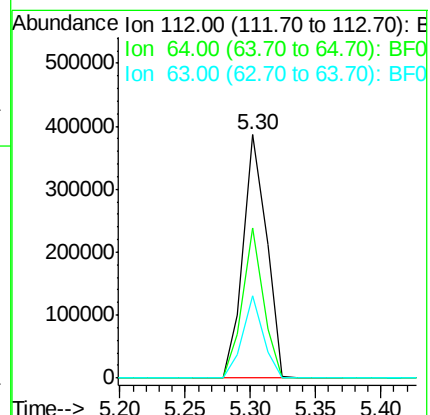
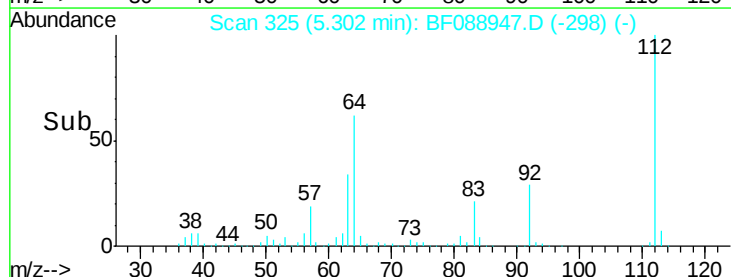
63 33.6 21.8 32.8#

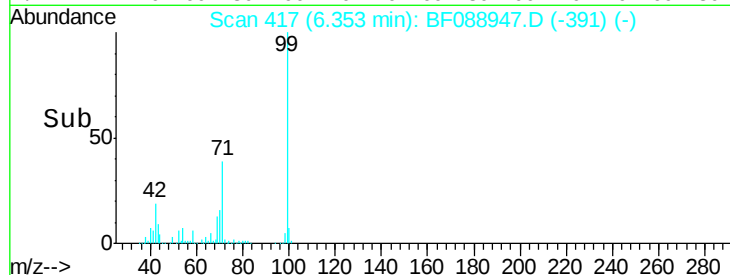
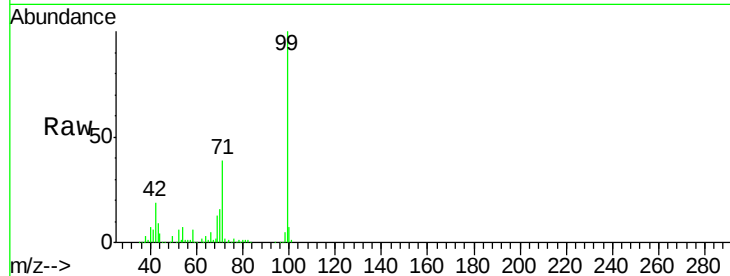
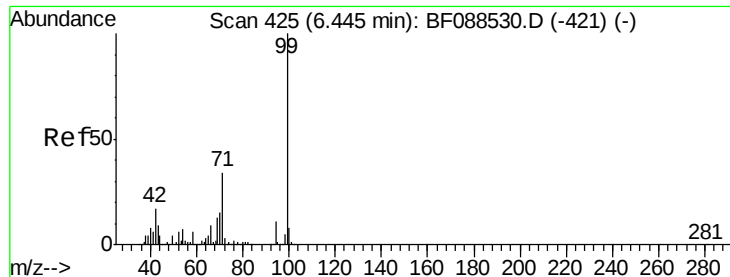


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.29 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

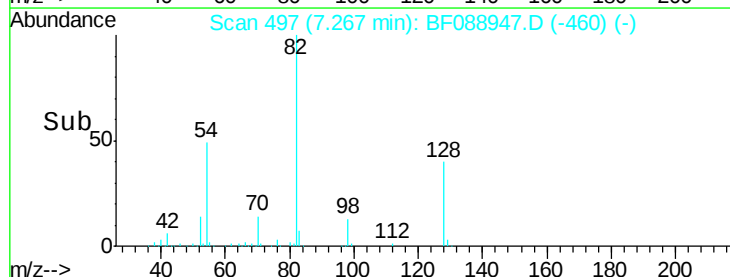
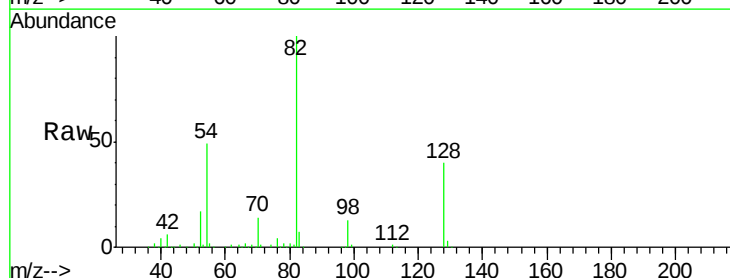
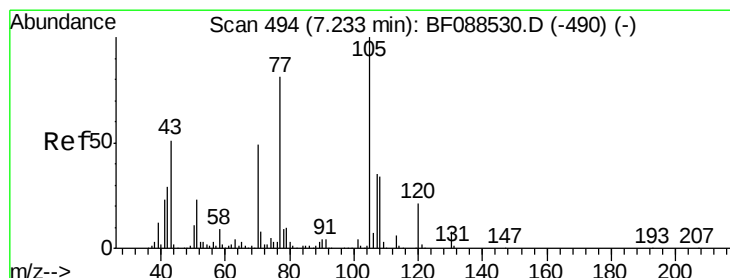
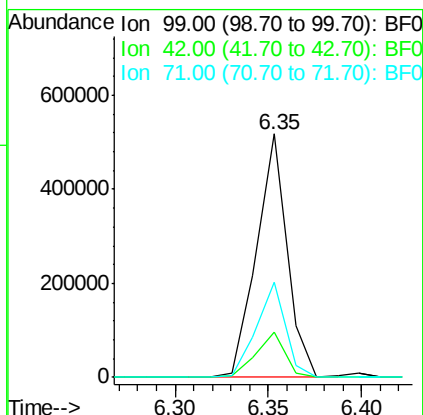
Tgt Ion: 99 Resp: 588346

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

71 39.0 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.54 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Tgt Ion: 70 Resp: 50284

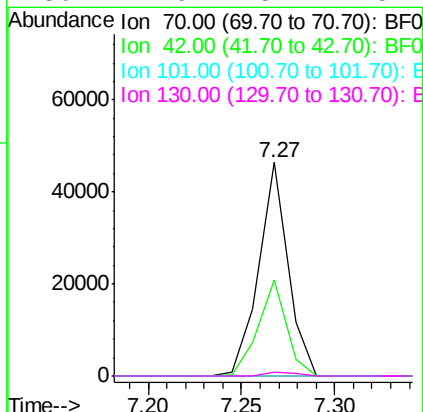
Ion Ratio Lower Upper

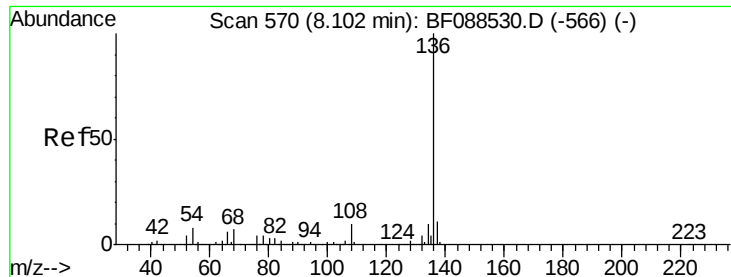
70 100

42 44.9 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: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

Tgt Ion: 136 Resp: 236079

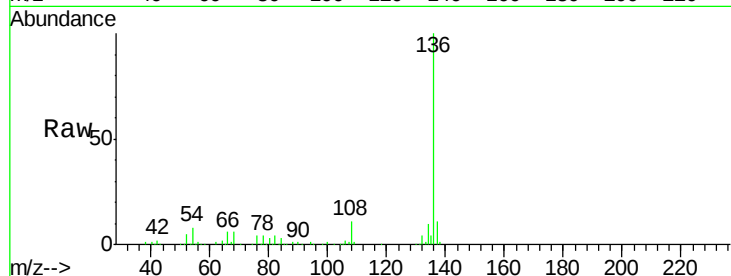
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.7 6.6 10.0

68 6.0 5.1 7.7

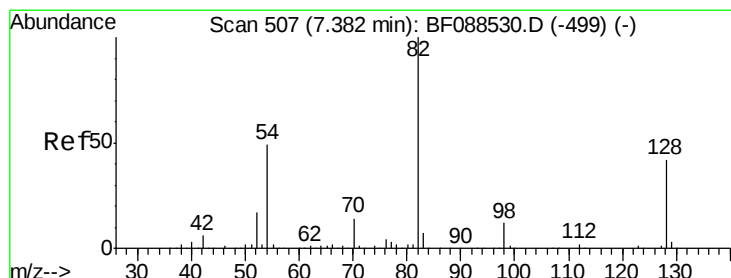
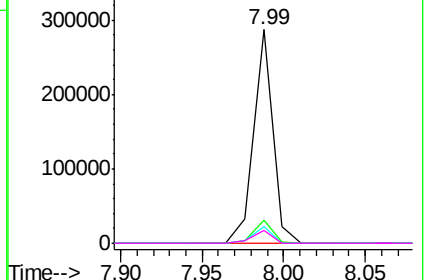
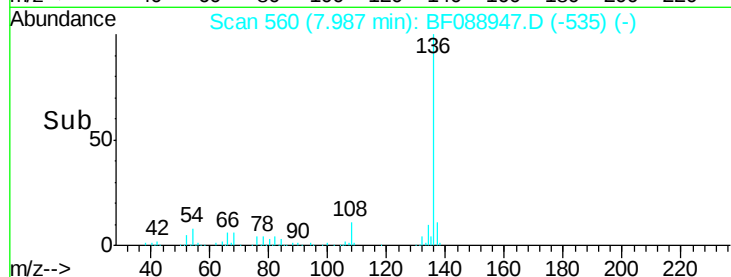


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.55 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

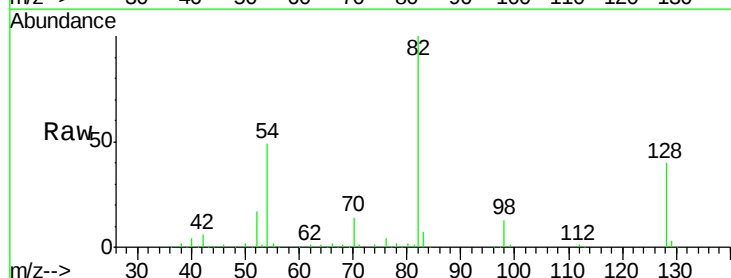
Tgt Ion: 82 Resp: 371894

Ion Ratio Lower Upper

82 100

128 40.1 35.9 53.9

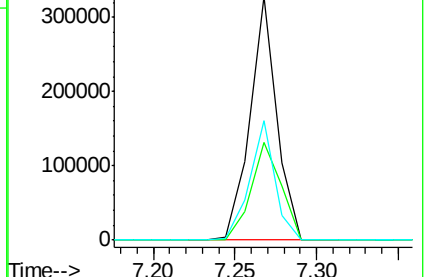
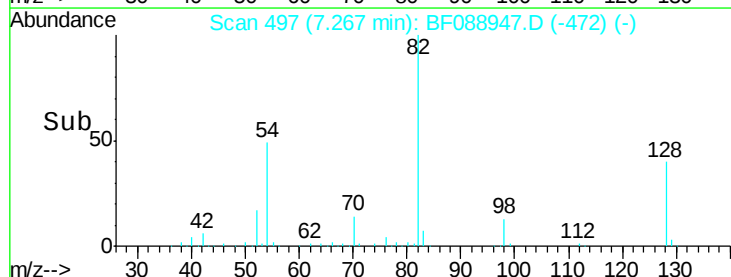
54 49.3 40.9 61.3

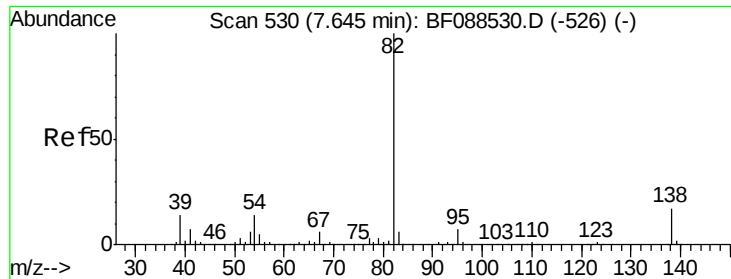


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.50 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

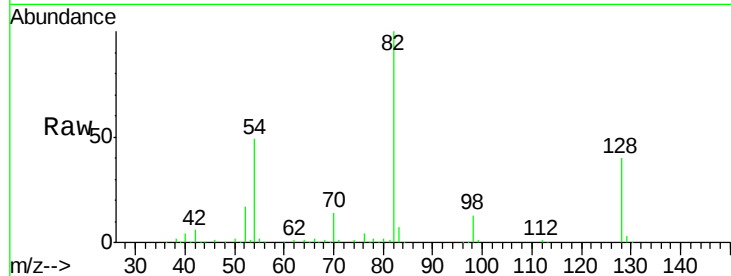
Tgt Ion: 82 Resp: 296233

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

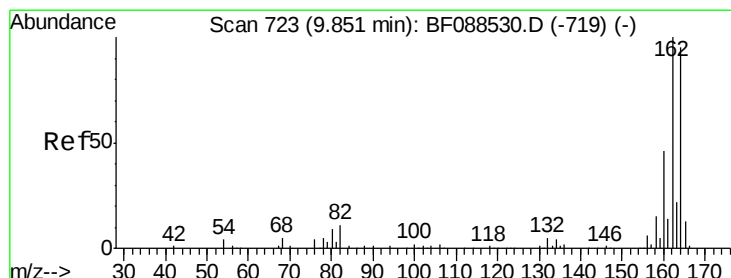
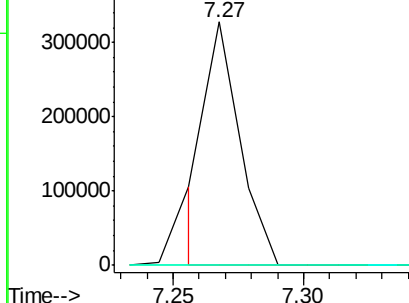
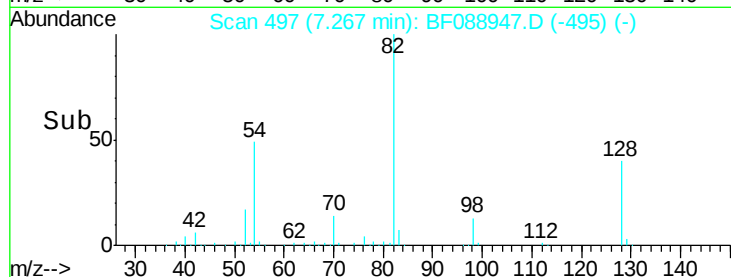
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088947.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF088947.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF088947.D (-495) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

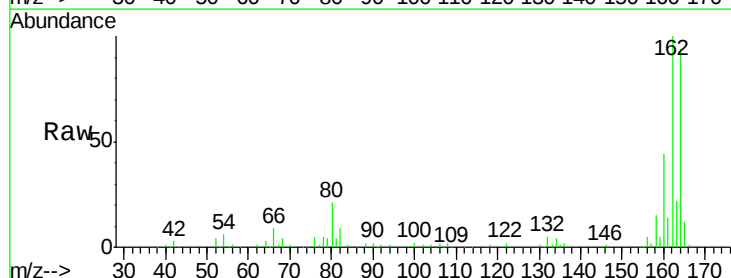
Tgt Ion: 164 Resp: 94590

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

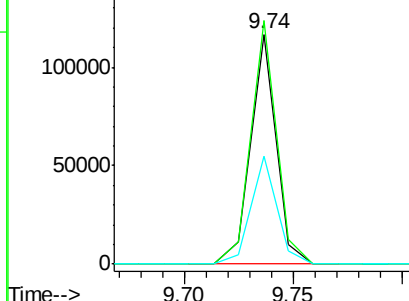
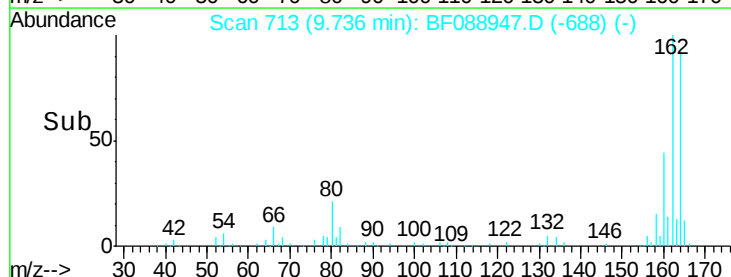
160 46.9 39.5 59.3

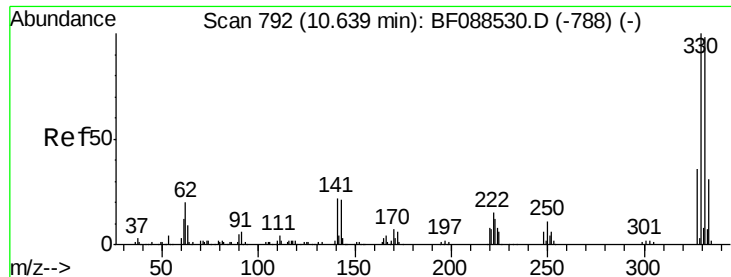


Abundance Ion 164.00 (163.70 to 164.70): BF088947.D (-688) (-)

Ion 162.00 (161.70 to 162.70): BF088947.D (-688) (-)

Ion 160.00 (159.70 to 160.70): BF088947.D (-688) (-)

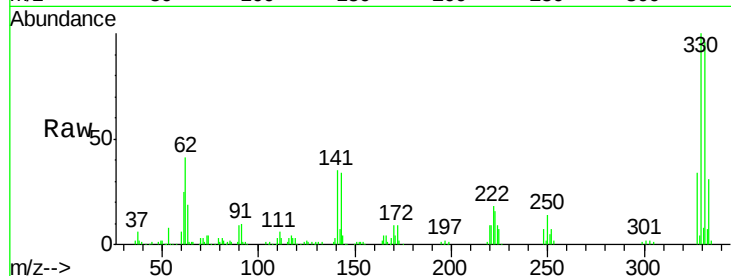




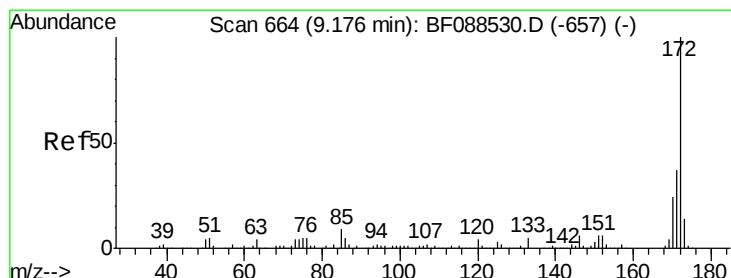
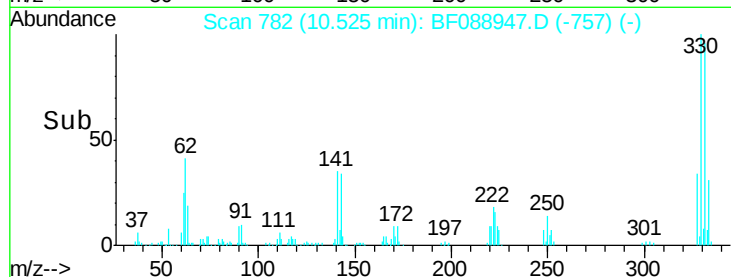
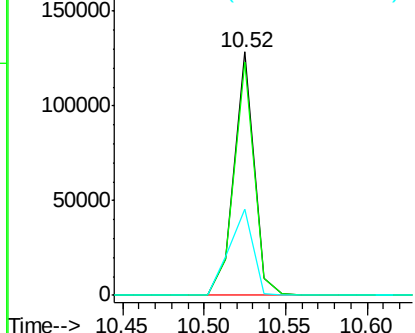
#41
 2,4,6-Tribromophenol
 Concen: 123.05 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088947.D
 Acq: 13 Jul 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FLOOR-070816

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	108080		
332	96.5	0.0	0.0	0.0
141	42.7	0.0	0.0	0.0

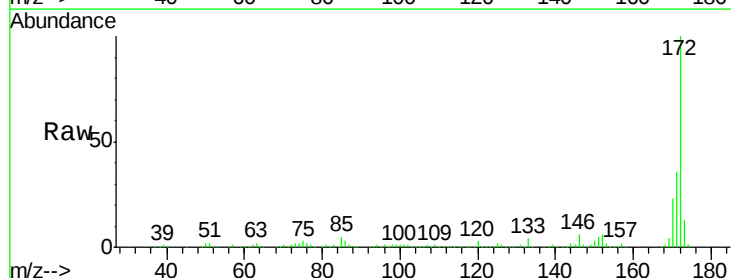


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

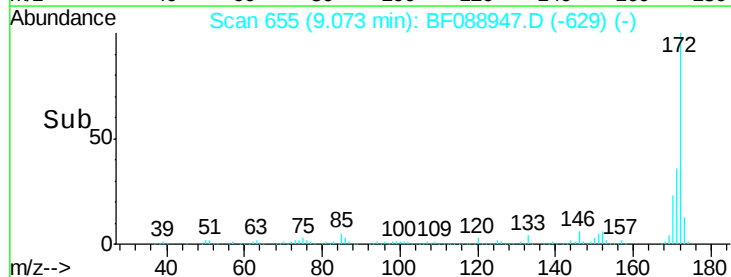
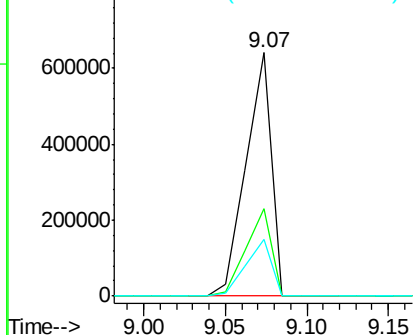


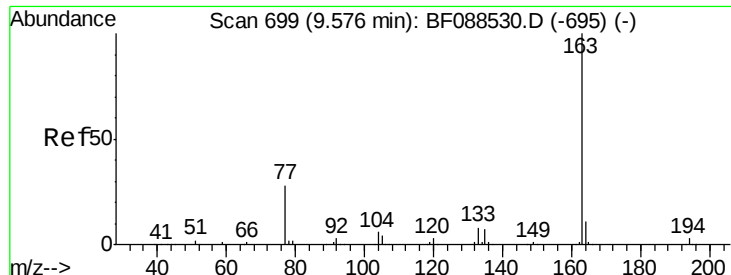
#44
 2-Fluorobiphenyl
 Concen: 115.33 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088947.D
 Acq: 13 Jul 2016 6:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	690632		
171	36.0	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: 20.79 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

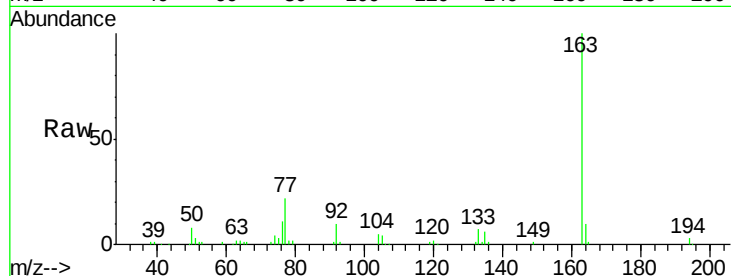
Tgt Ion:163 Resp: 140068

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

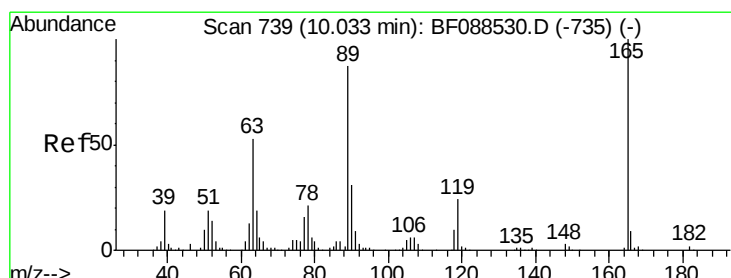
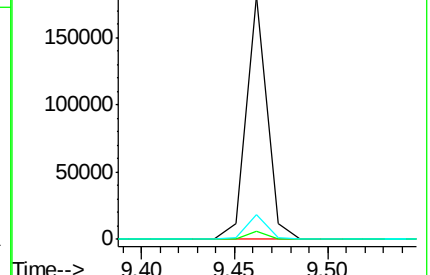
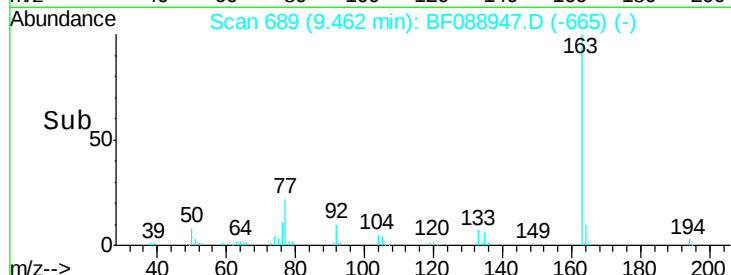
164 10.1 8.3 12.5



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: 6.11 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Tgt Ion:165 Resp: 11936

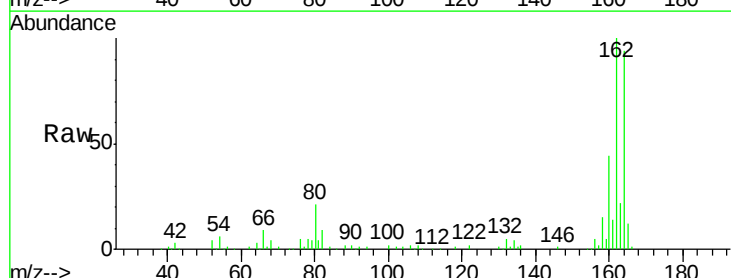
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

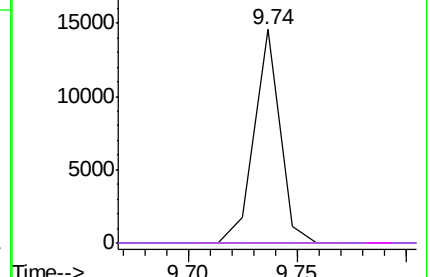
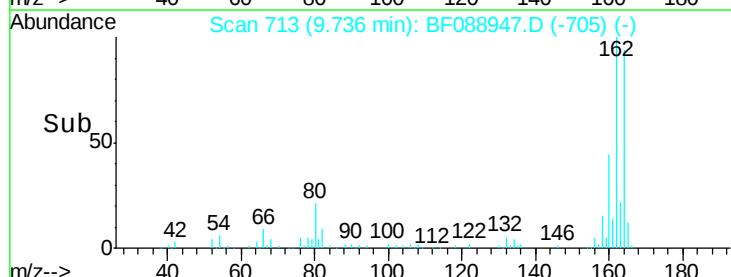


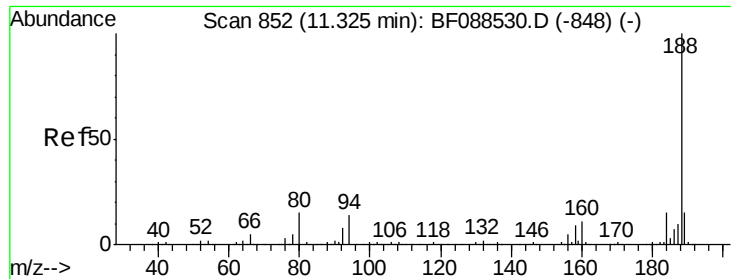
Abundance Ion 165.00 (164.70 to 165.70): E

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

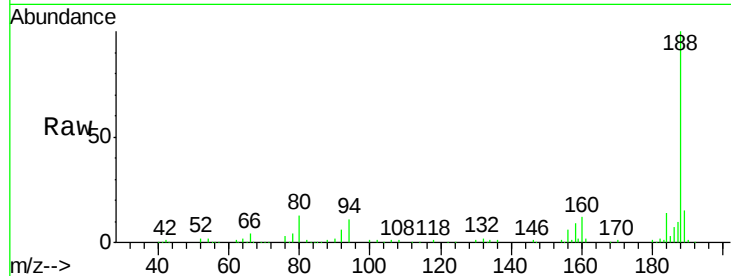




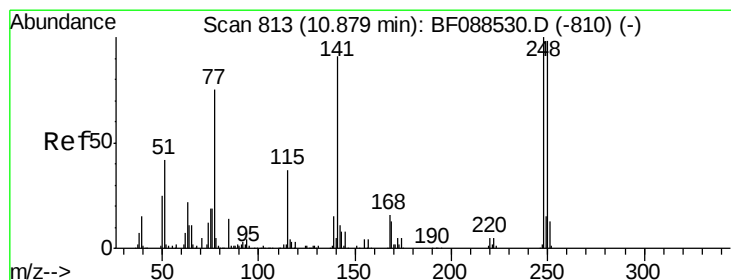
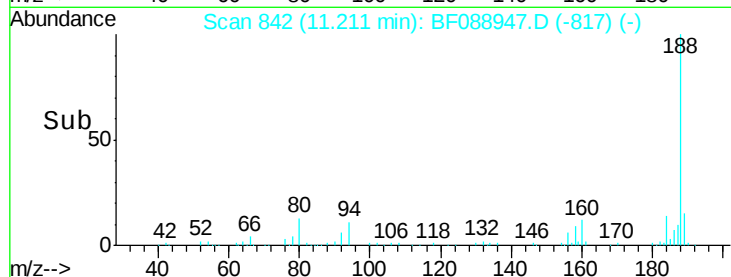
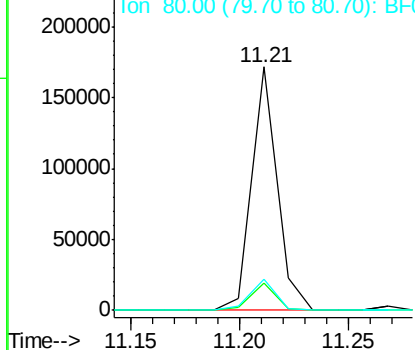
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088947.D
Acq: 13 Jul 2016 6:20

Instrument :
BNA_F
ClientSampleId :
COMP-FLOOR-070816

Tgt Ion:188 Resp: 139826
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.6 10.0 15.0

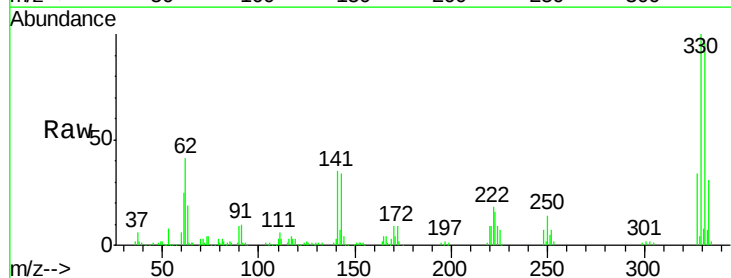


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

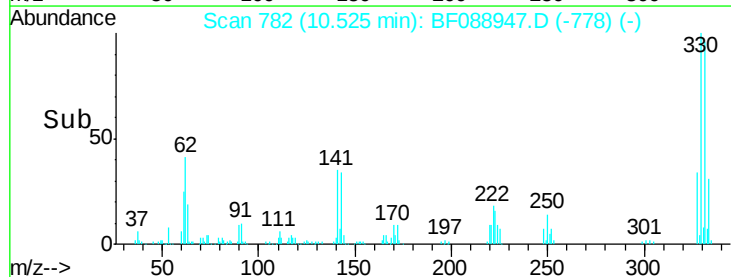
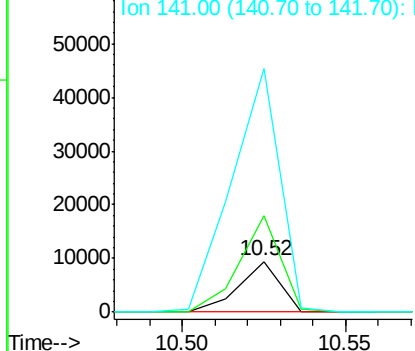


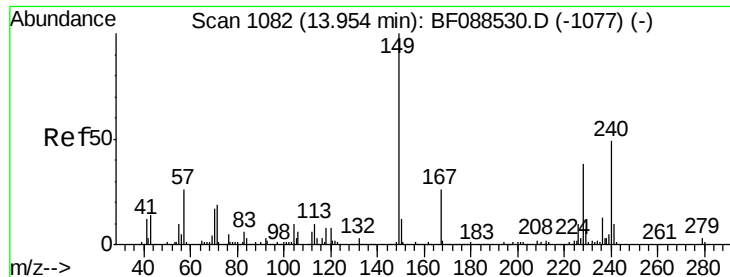
#66
4-Bromophenyl-phenylether
Concen: 5.73 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088947.D
Acq: 13 Jul 2016 6:20

Tgt Ion:248 Resp: 8078
Ion Ratio Lower Upper
248 100
250 192.7 77.1 115.7#
141 483.5 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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

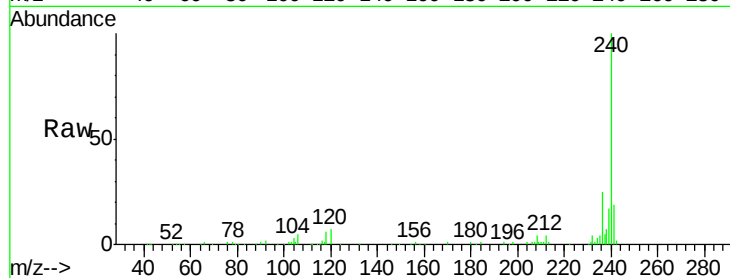
Tgt Ion:240 Resp: 130893

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

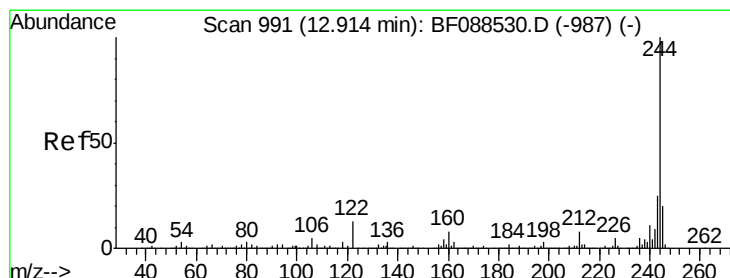
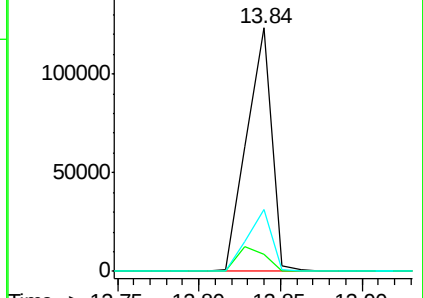
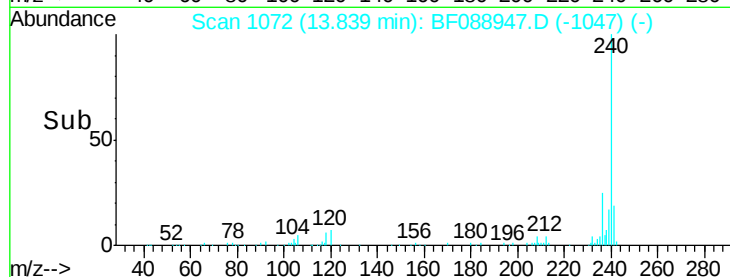
236 25.3 20.2 30.2



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: 70.37 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

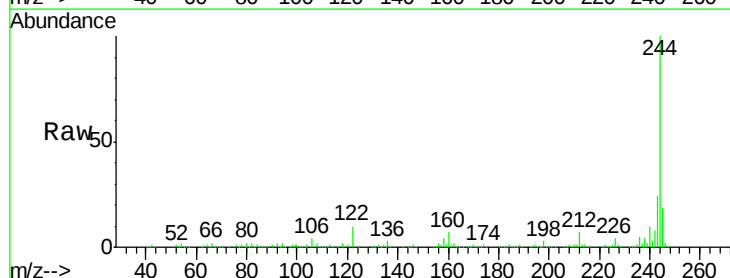
Tgt Ion:244 Resp: 413517

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

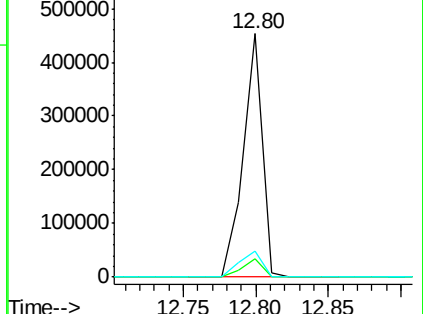
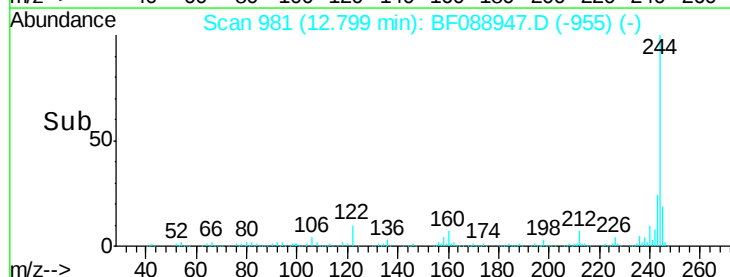
122 10.4 11.2 16.8#

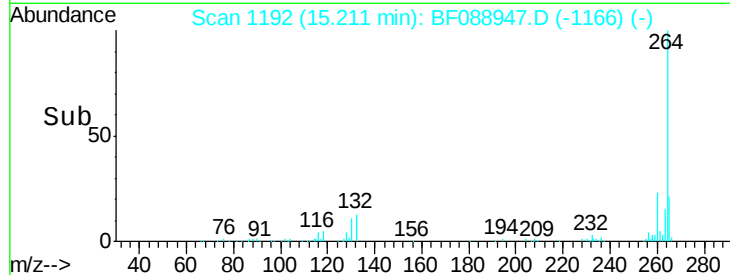
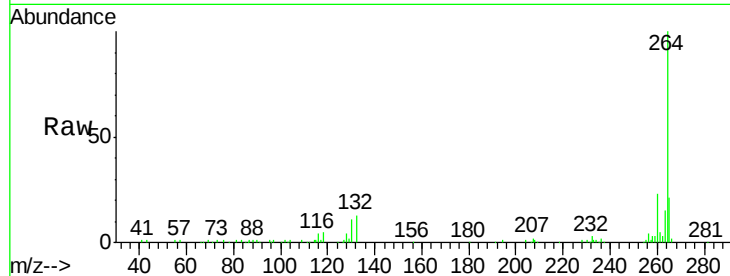
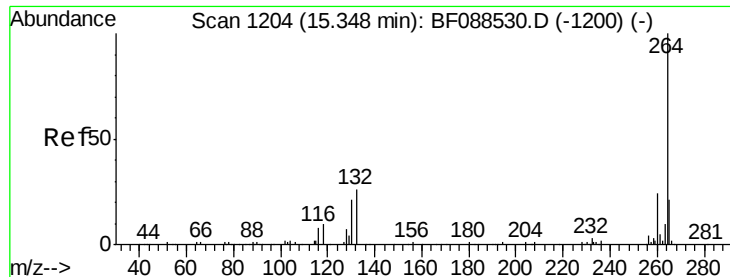


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF088947.D

Acq: 13 Jul 2016 6:20

Instrument :

BNA_F

ClientSampleId :

COMP-FLOOR-070816

Tgt Ion:264 Resp: 107068

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

