

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088868.D
 Acq On : 9 Jul 2016 13:44
 Operator : UM/SJ
 Sample : H3813-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW003-01

Quant Time: Jul 11 04:33:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

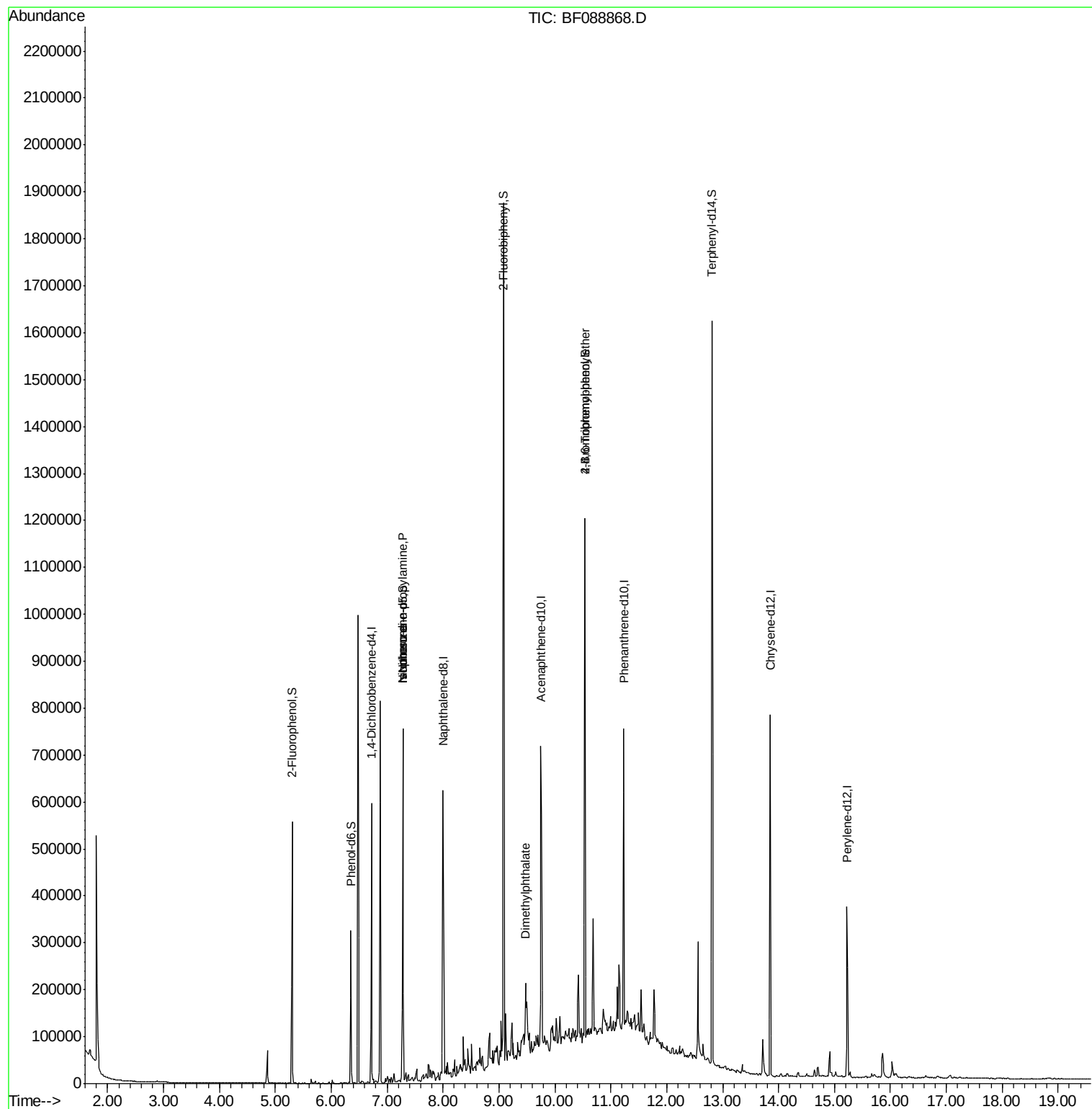
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	81294	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	305977	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	151128	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	316860	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	231295	20.00	ng	-0.02
86) Perylene-d12	15.22	264	169080	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	160801	29.64	ng	-0.02
7) Phenol-d6	6.35	99	136047	19.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	263079	45.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	112236	79.98	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	603701	63.10	ng	-0.01
78) Terphenyl-d14	12.81	244	541665	52.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	36046	7.66	ng	# 74
25) Isophorone	7.28	82	228920	21.17	ng	# 65
49) Dimethylphthalate	9.47	163	47190	4.38	ng	99
66) 4-Bromophenyl-phenylether	10.54	248	7903	2.48	ng	# 1

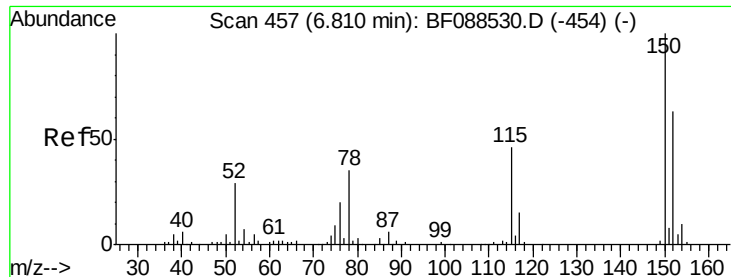
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

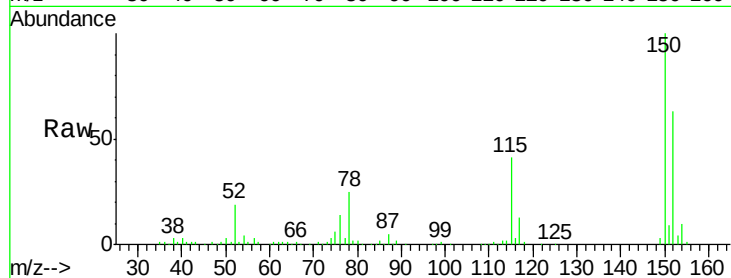
Tgt Ion:152 Resp: 81294

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

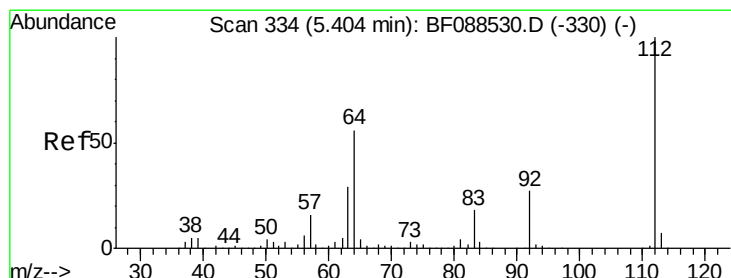
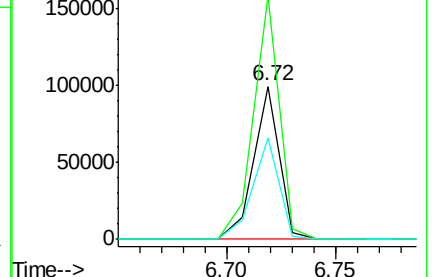
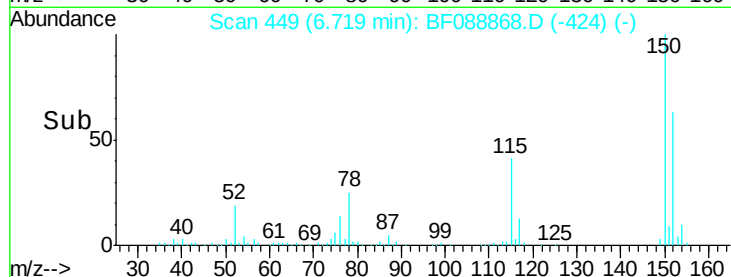
115 66.2 39.6 59.4#



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: 29.64 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

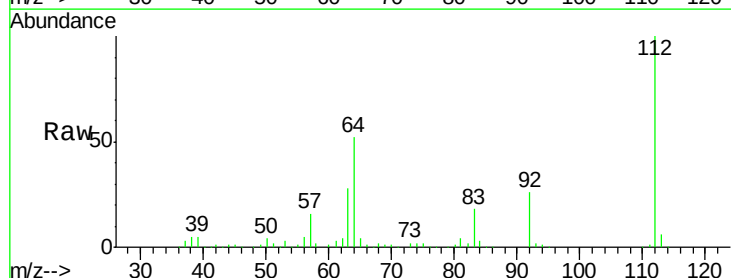
Tgt Ion:112 Resp: 160801

Ion Ratio Lower Upper

112 100

64 52.5 42.2 63.2

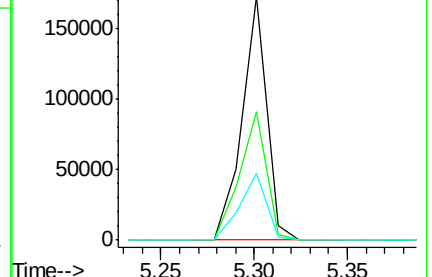
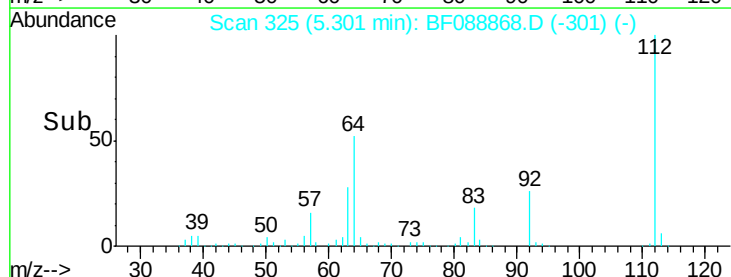
63 27.6 21.8 32.8

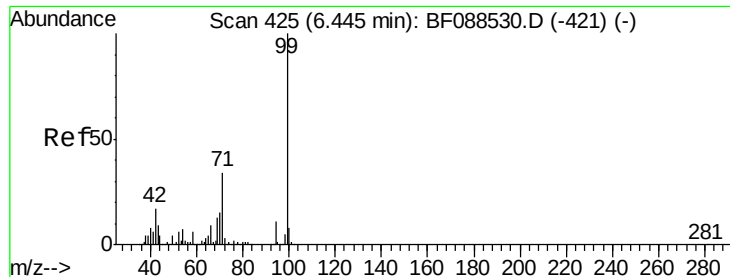


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.41 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

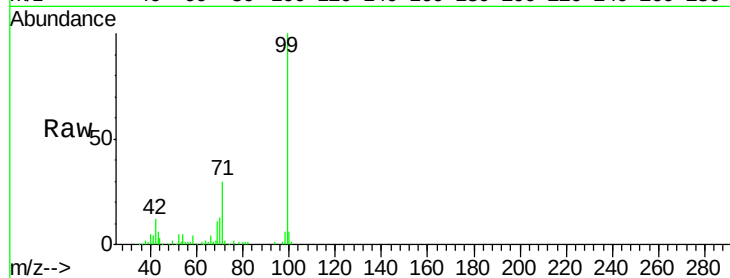
Tgt Ion: 99 Resp: 136047

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

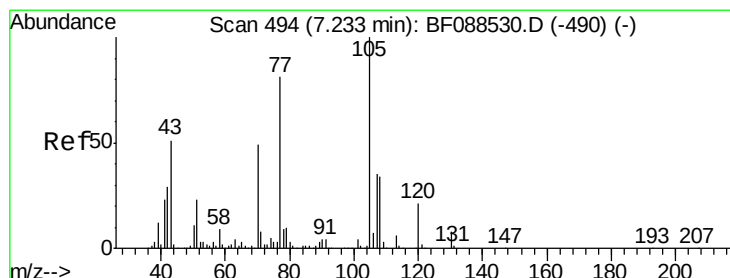
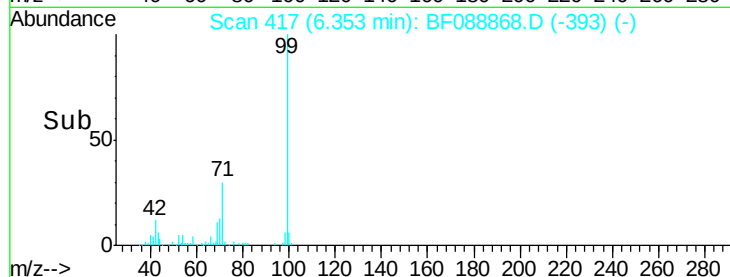
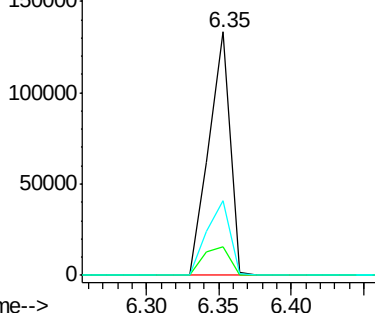
71 30.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 7.66 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.11 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Tgt Ion: 70 Resp: 36046

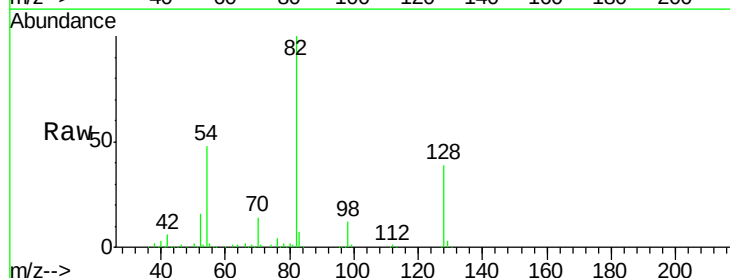
Ion Ratio Lower Upper

70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

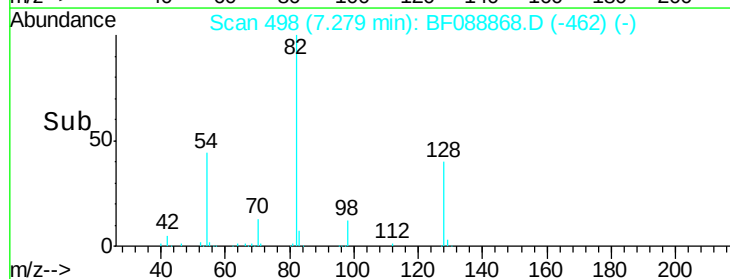
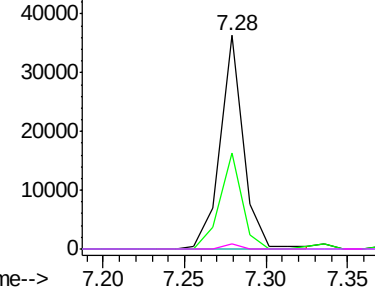


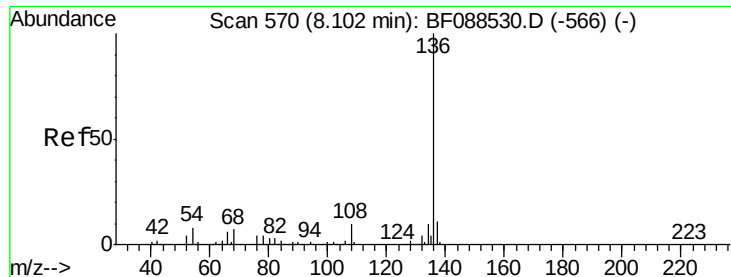
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

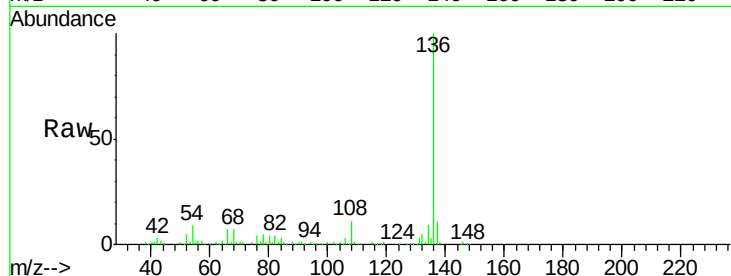




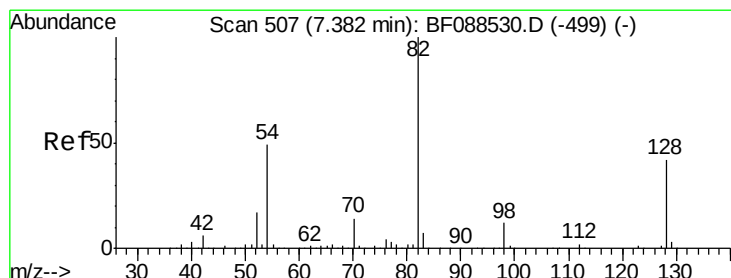
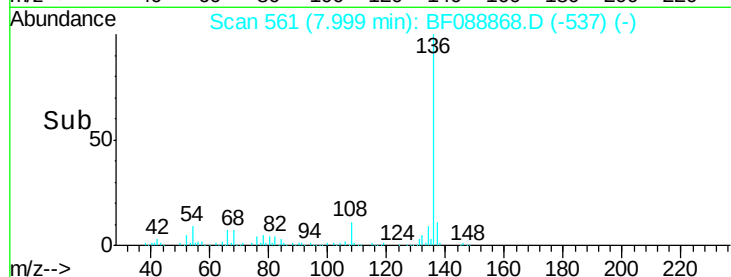
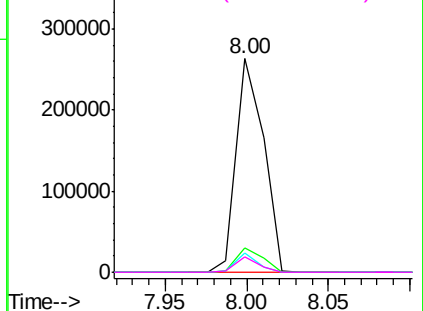
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
P001-WW003-01

Tgt Ion:	136	Resp:	305977
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	6.6	10.0
68	7.4	5.1	7.7

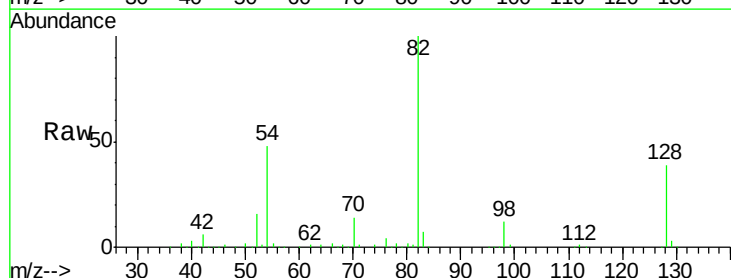


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

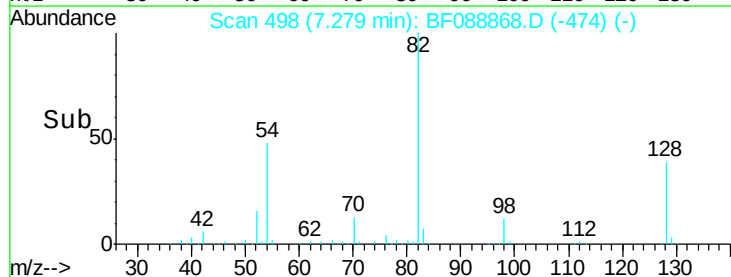
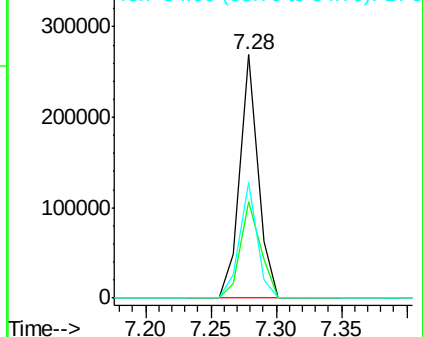


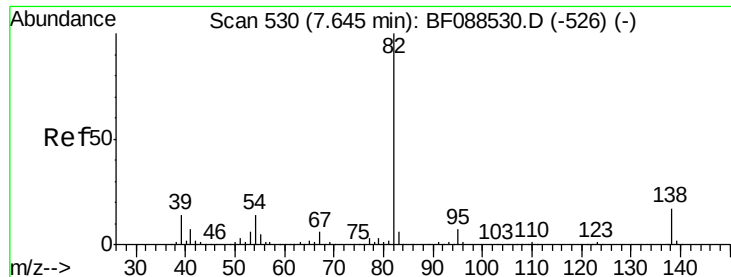
#23
Nitrobenzene-d5
Concen: 45.06 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

Tgt Ion:	82	Resp:	263079
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.9	53.9
54	47.5	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: 21.17 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.29 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

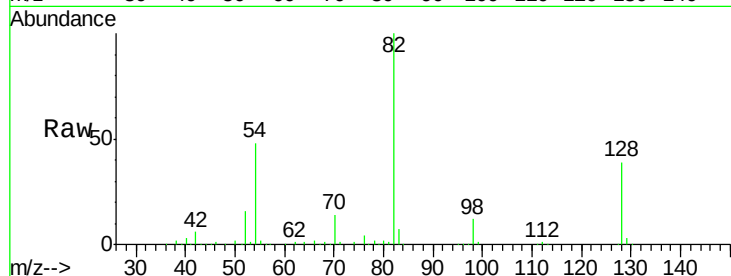
Tgt Ion: 82 Resp: 228920

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

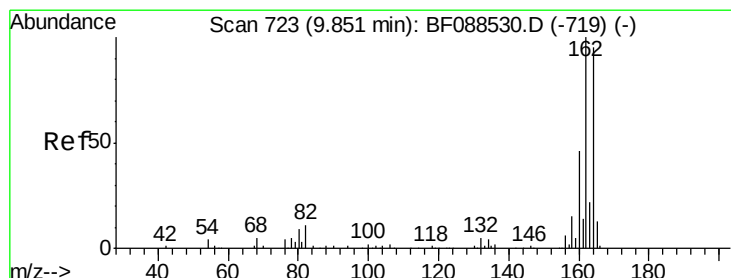
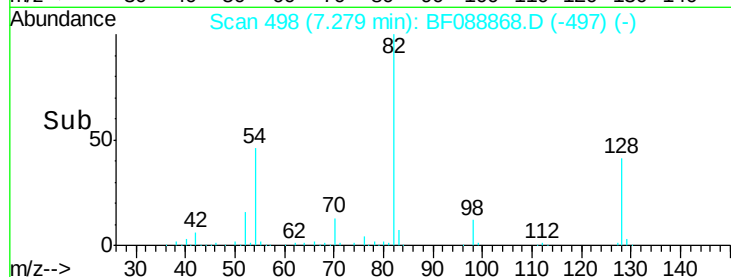
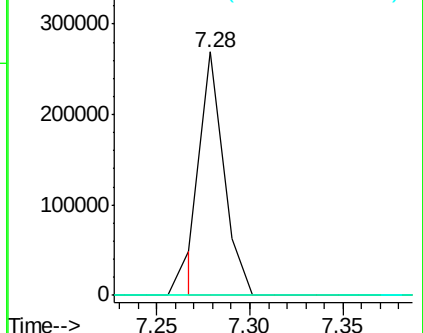
138 0.0 14.6 21.8#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

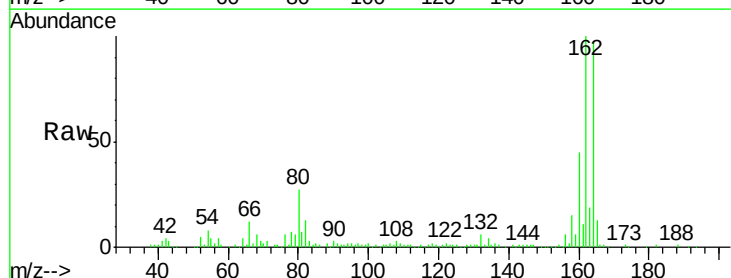
Tgt Ion: 164 Resp: 151128

Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.2

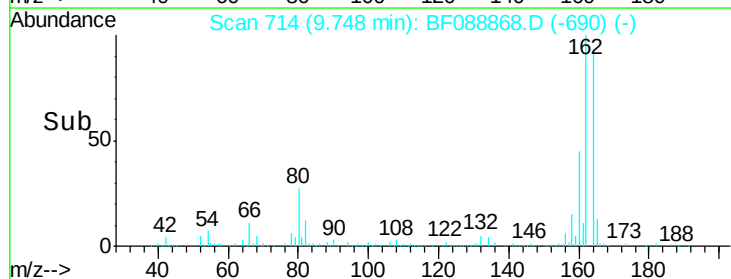
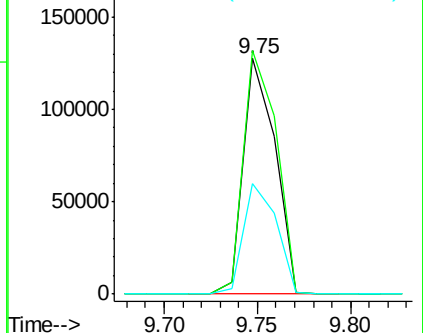
160 46.7 39.5 59.3

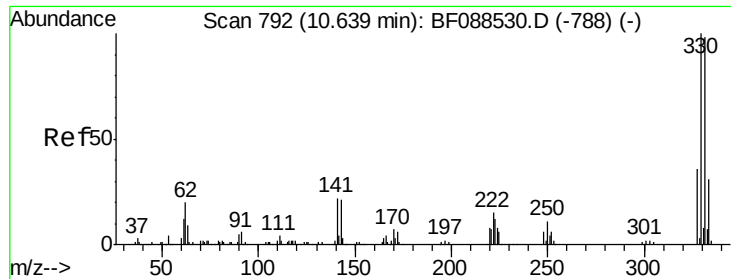


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

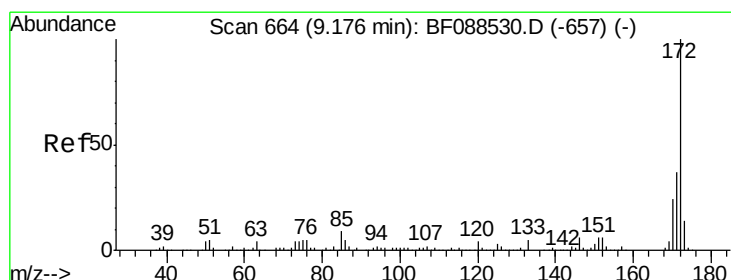
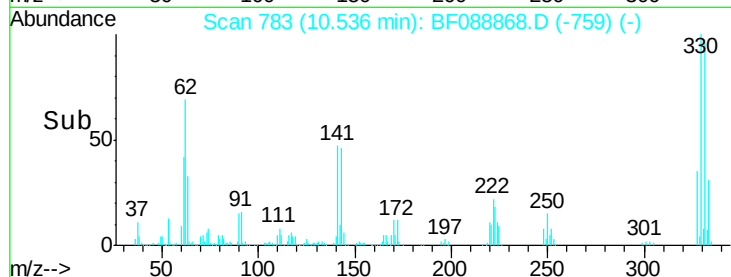
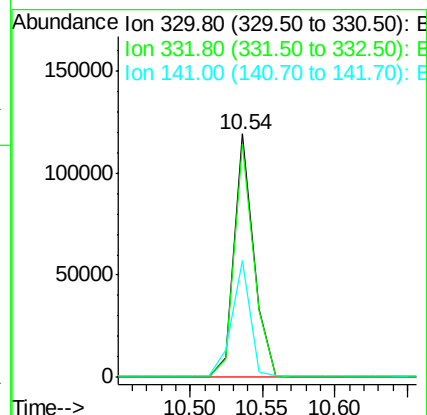
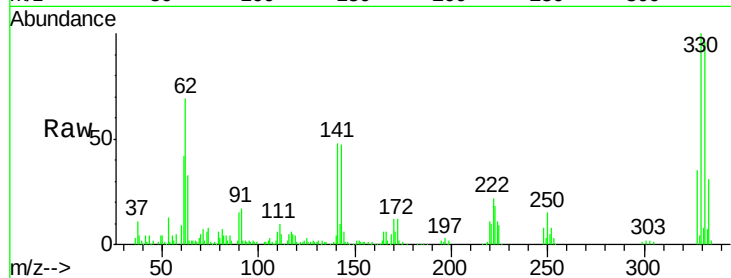




#41
 2,4,6-Tribromophenol
 Concen: 79.98 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

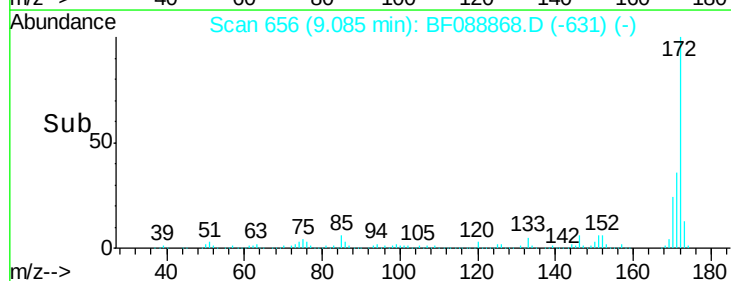
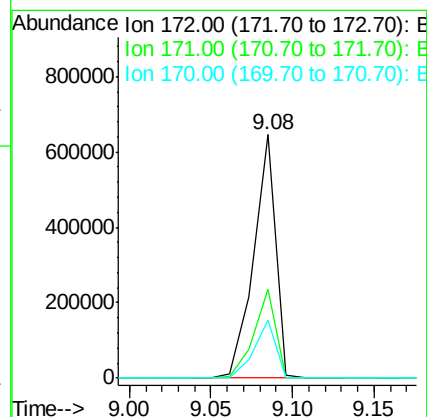
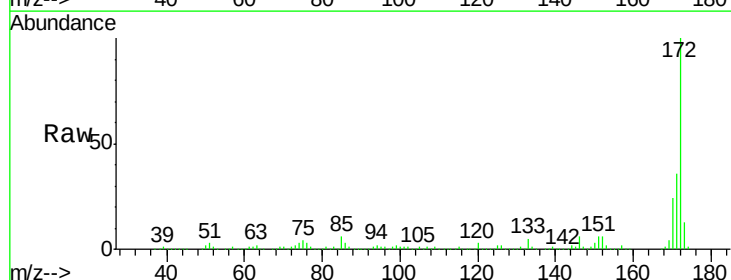
Instrument :
 BNA_F
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 P001-WW003-01

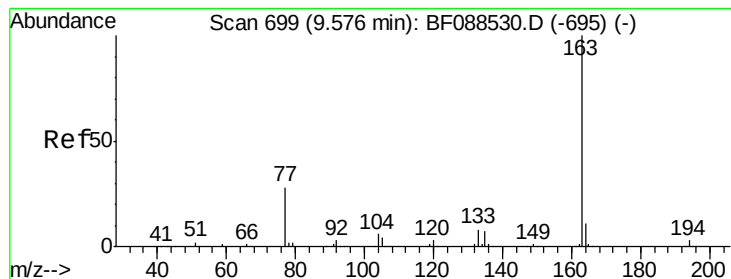
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	45.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 63.10 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

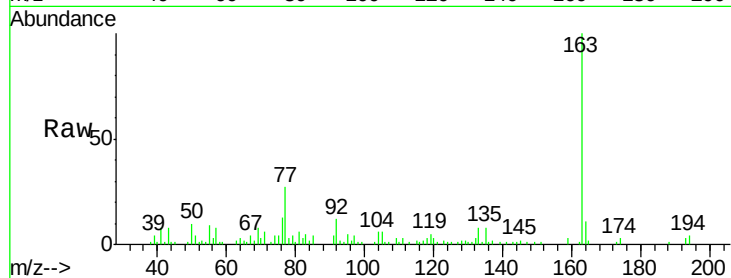
Tgt Ion:163 Resp: 47190

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

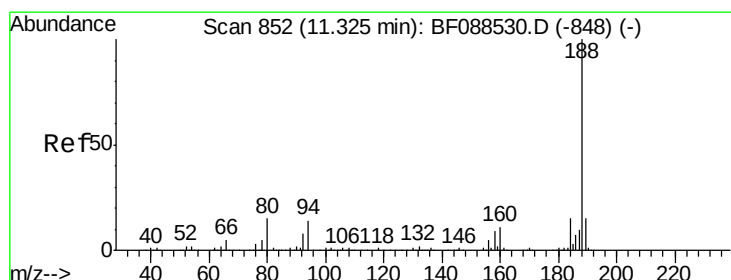
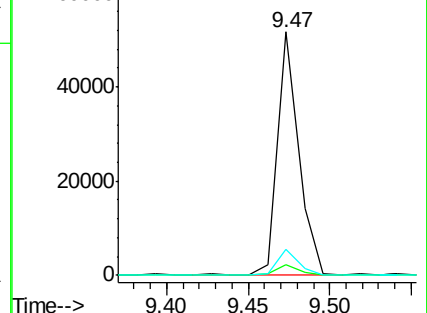
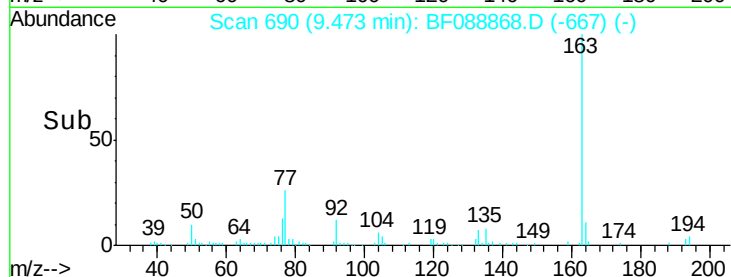
164 10.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

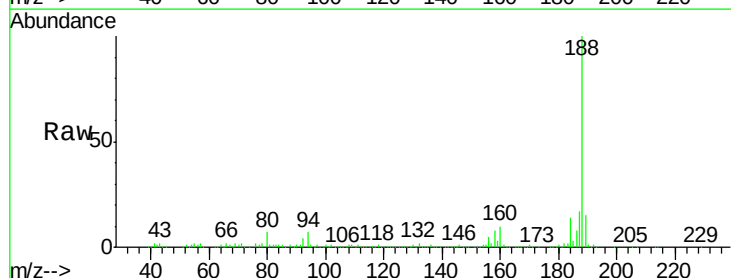
Tgt Ion:188 Resp: 316860

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.6#

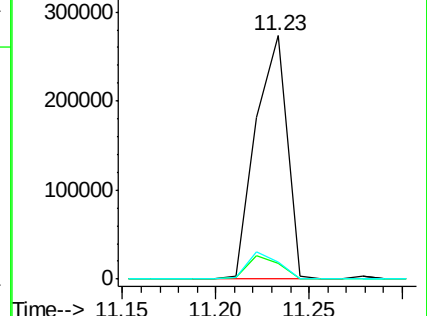
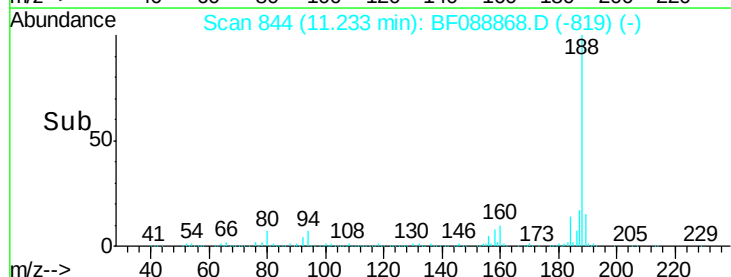
80 7.1 10.0 15.0#

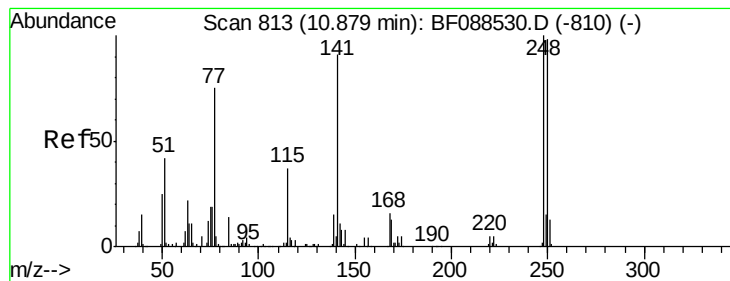


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.26 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

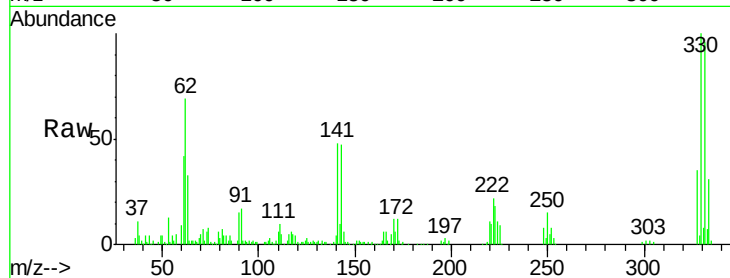
Tgt Ion:248 Resp: 7903

Ion Ratio Lower Upper

248 100

250 192.1 77.1 115.7#

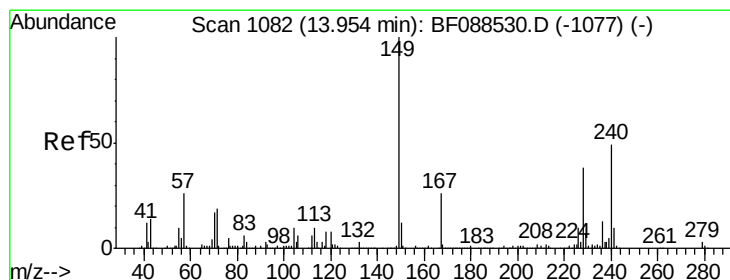
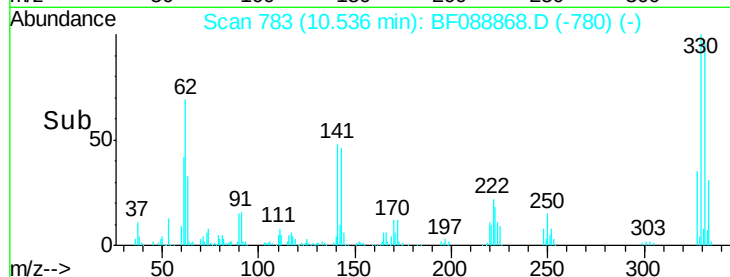
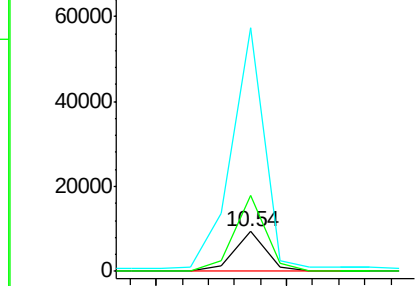
141 613.1 50.6 76.0#



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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

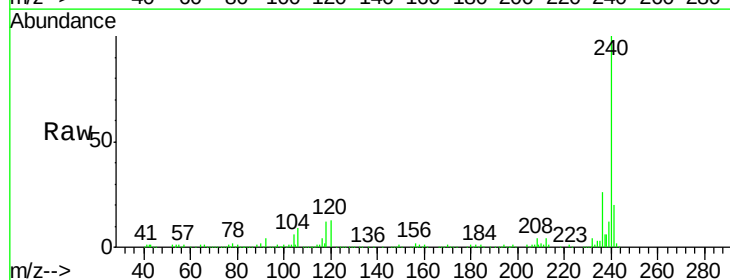
Tgt Ion:240 Resp: 231295

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

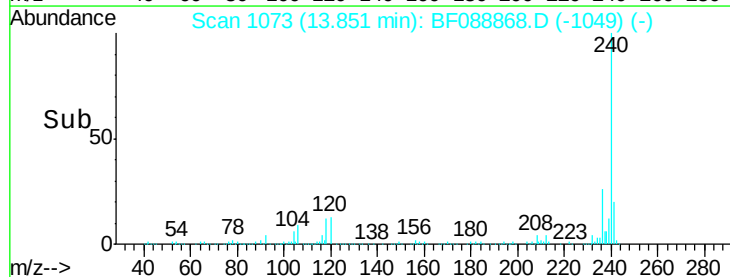
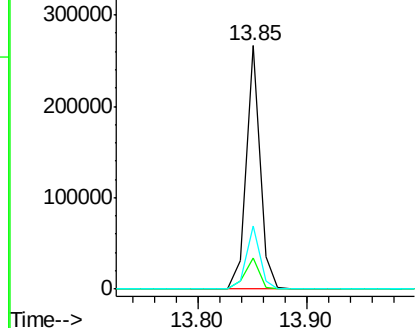
236 26.1 20.2 30.2

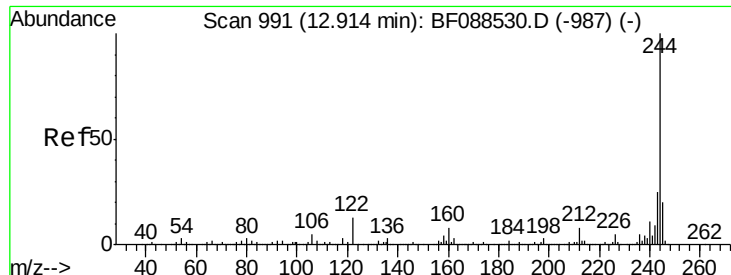


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

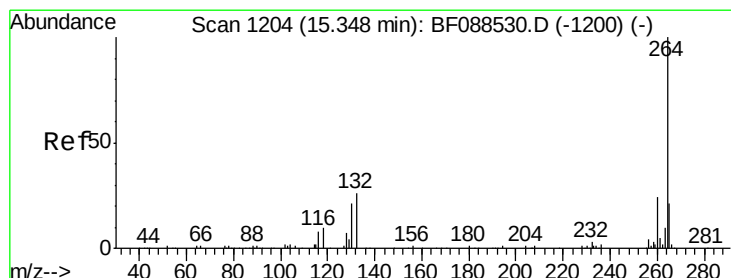
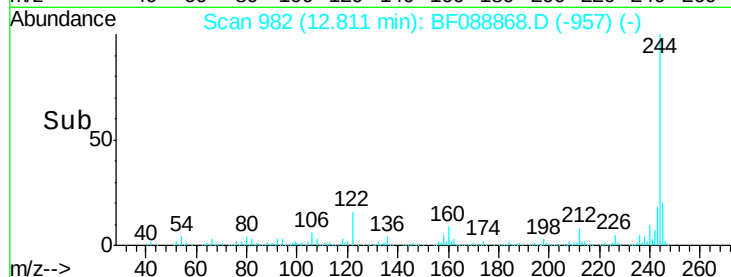
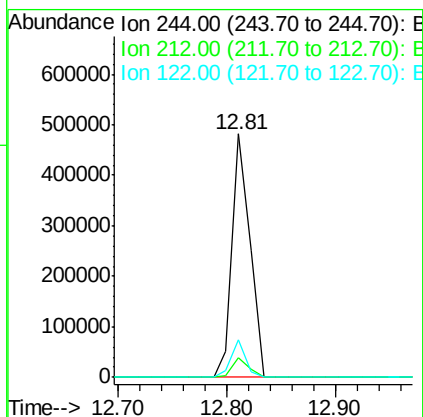
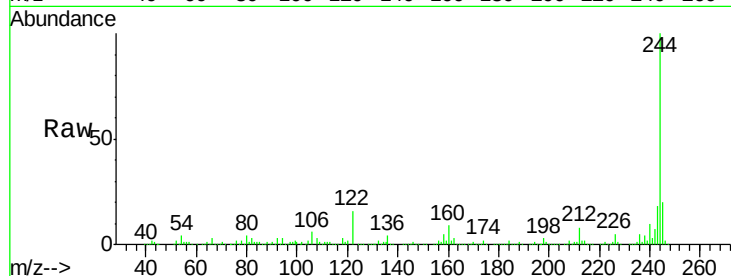




#78
 Terphenyl-d14
 Concen: 52.16 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW003-01

Tgt Ion: 244 Resp: 541665
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

Tgt Ion: 264 Resp: 169080
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 16.9 25.3

