

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088754.D
 Acq On : 7 Jul 2016 00:54
 Operator : UM/SJ
 Sample : H3879-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 07 01:54:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

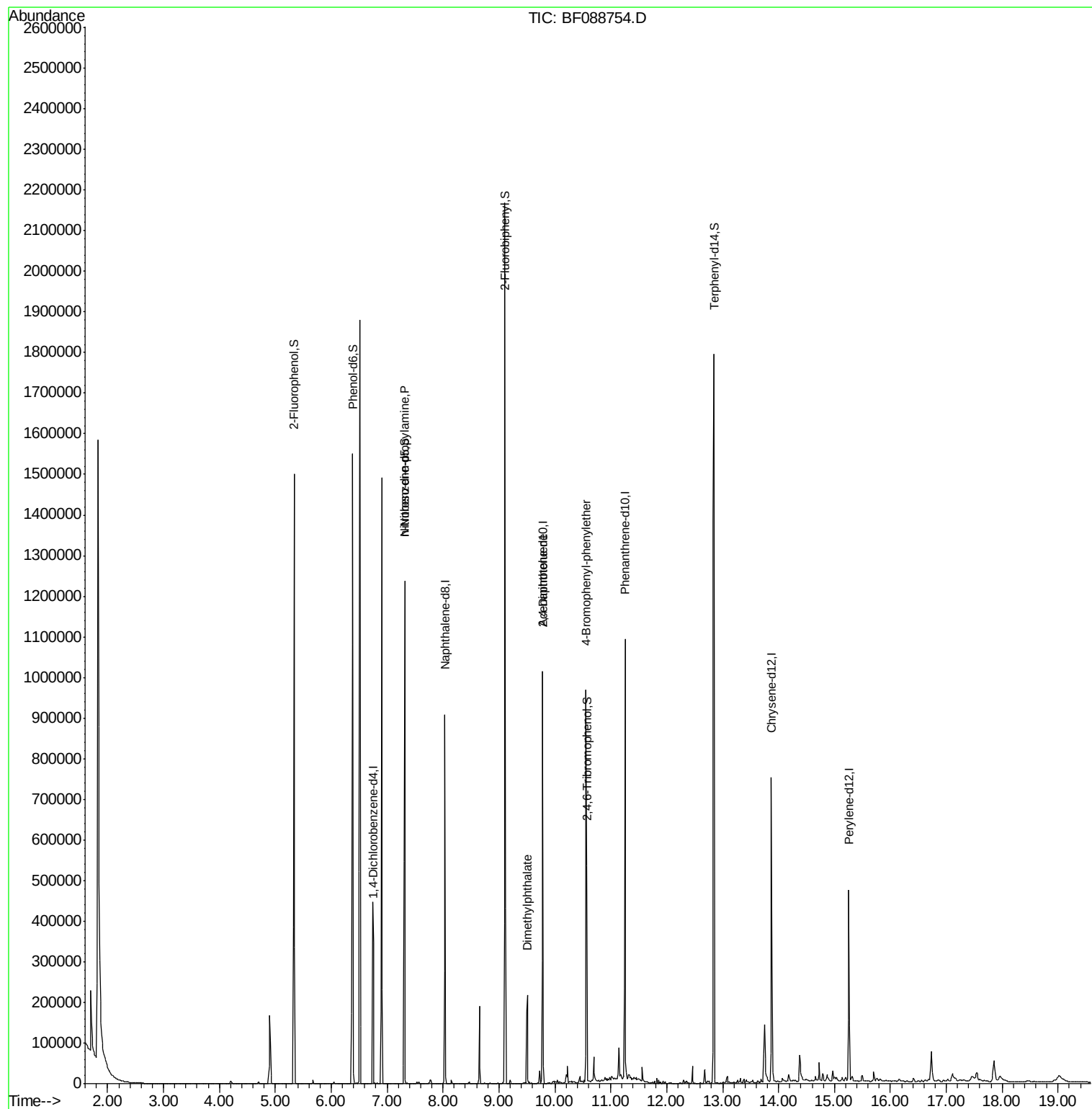
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91248	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	410661	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	197065	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	358715	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250765	20.00	ng	-0.01
86) Perylene-d12	15.26	264	195154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	449172	73.77	ng	0.00
7) Phenol-d6	6.39	99	719834	91.50	ng	0.00
23) Nitrobenzene-d5	7.31	82	449469	57.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	135834	74.23	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	680389	54.54	ng	-0.01
78) Terphenyl-d14	12.85	244	738686	65.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	60824	11.51	ng	# 70
49) Dimethylphthalate	9.51	163	128082	9.12	ng	97
56) 2,4-Dinitrotoluene	9.78	165	25014	6.15	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	8363	2.31	ng	# 1

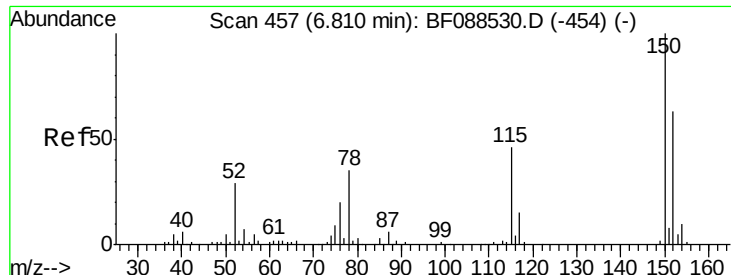
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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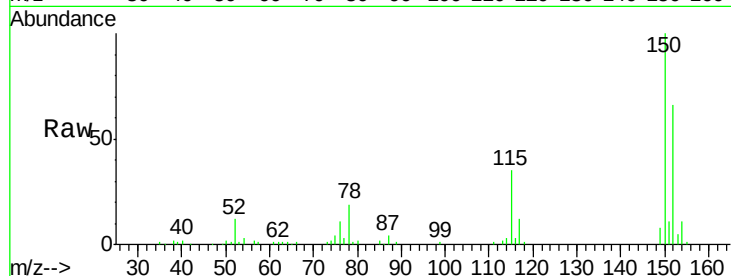


#1

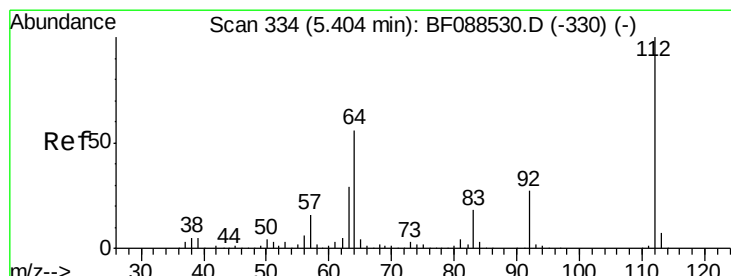
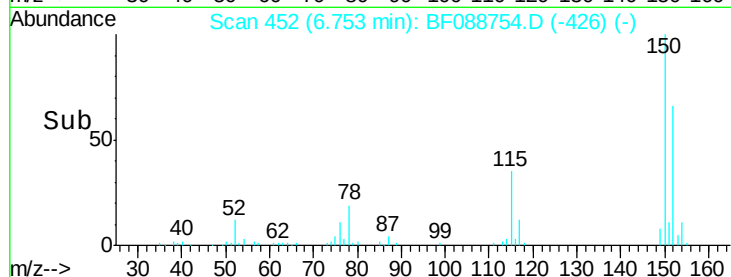
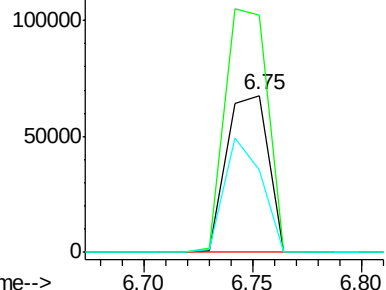
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 91248
Ion Ratio Lower Upper
152 100
150 150.6 123.8 185.6
115 52.5 39.6 59.4



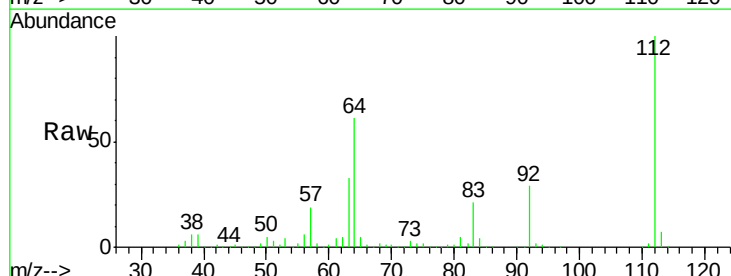
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



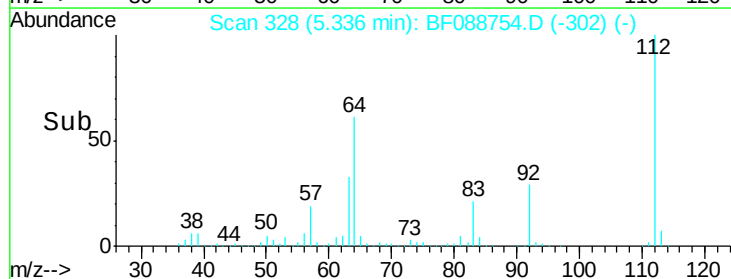
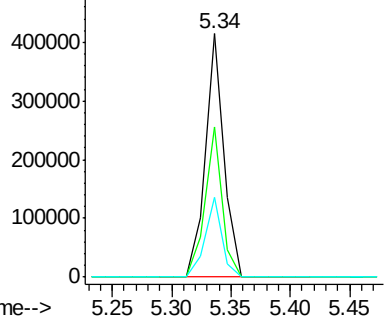
#5

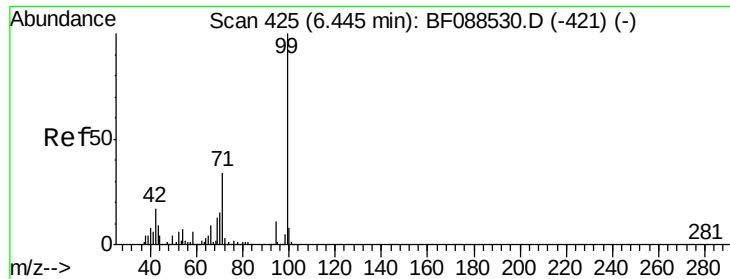
2-Fluorophenol
Concen: 73.77 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Tgt Ion:112 Resp: 449172
Ion Ratio Lower Upper
112 100
64 61.5 42.2 63.2
63 32.8 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: 91.50 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

DFTPP

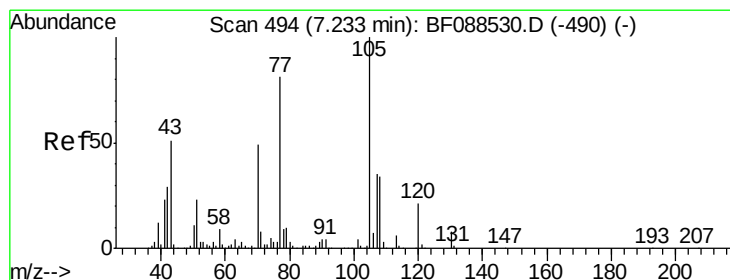
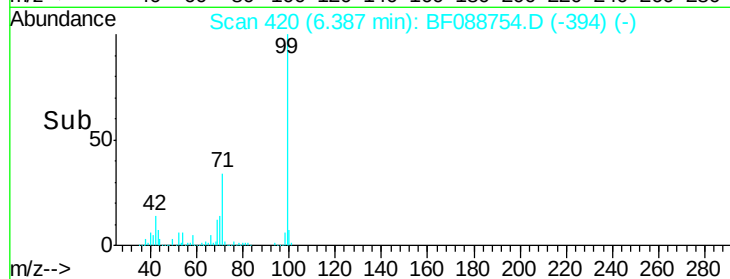
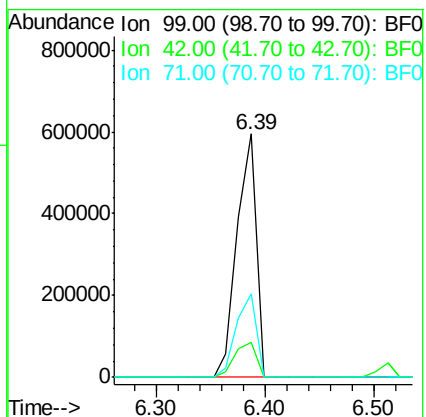
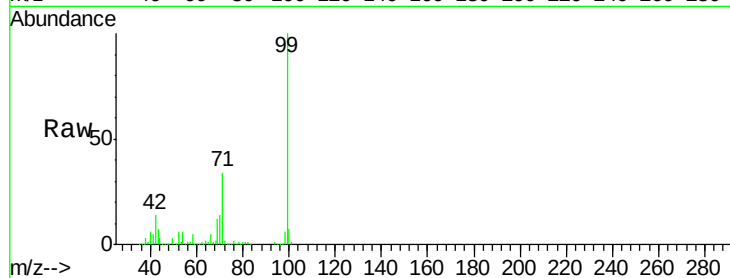
Tgt Ion: 99 Resp: 719834

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

71 34.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.51 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Tgt Ion: 70 Resp: 60824

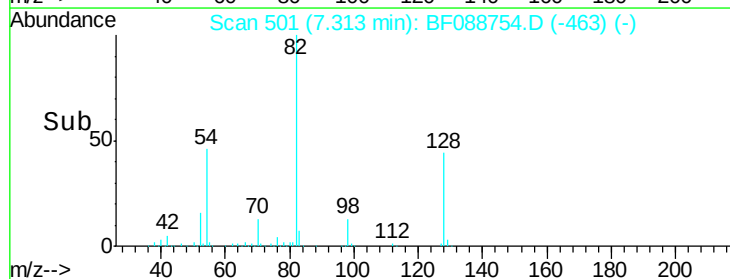
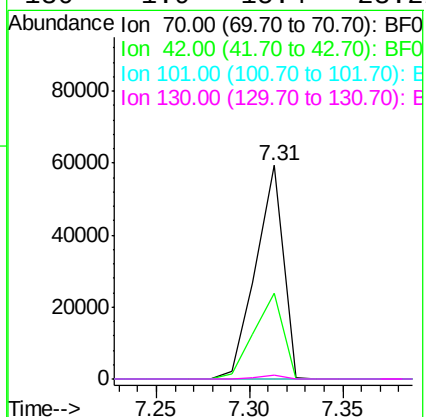
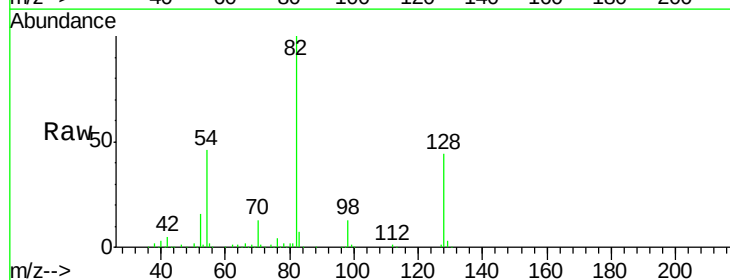
Ion Ratio Lower Upper

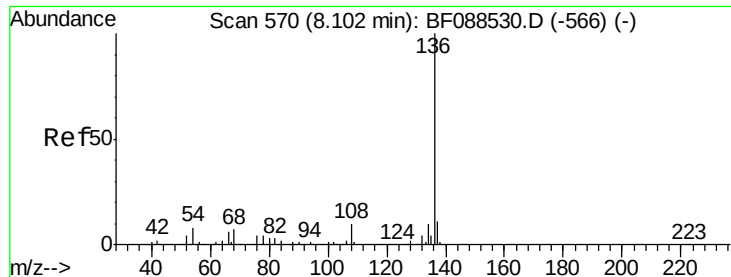
70 100

42 40.3 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

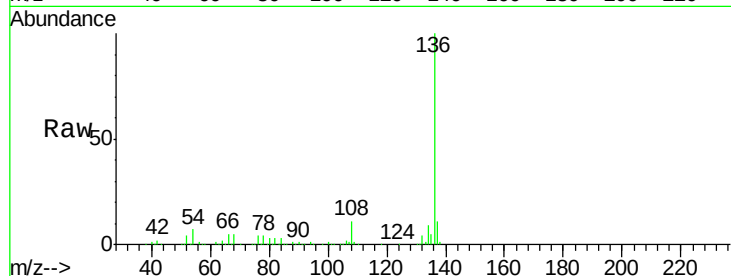




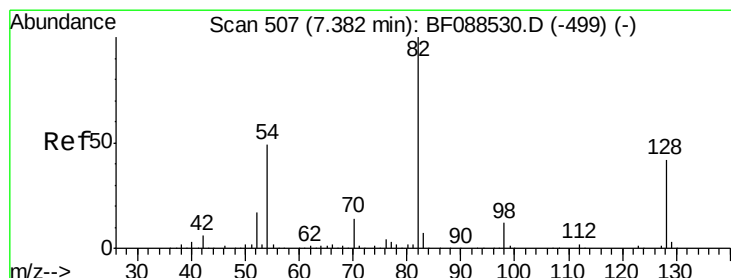
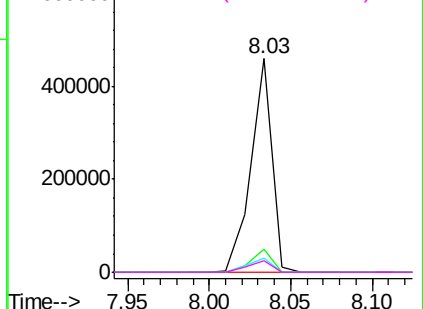
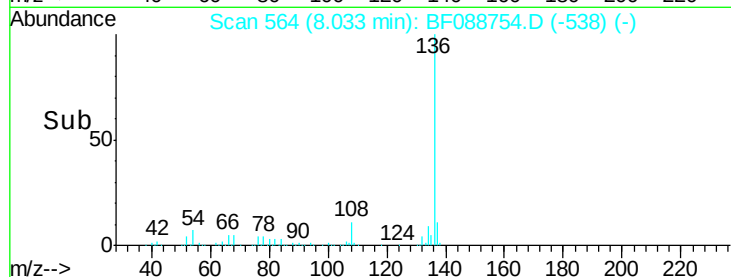
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	410661
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.6	6.6	10.0#
68	5.4	5.1	7.7

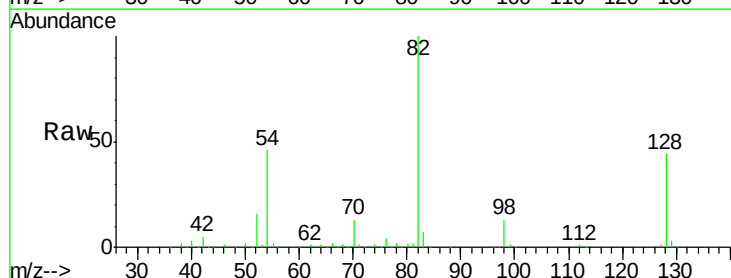


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

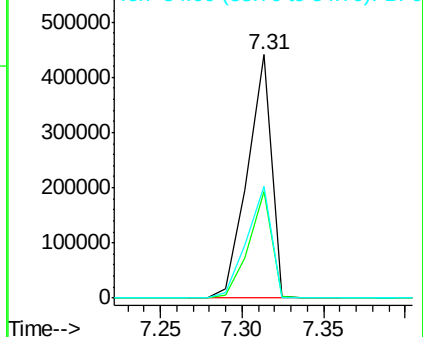
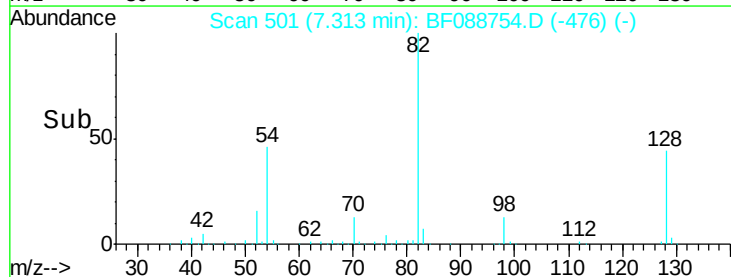


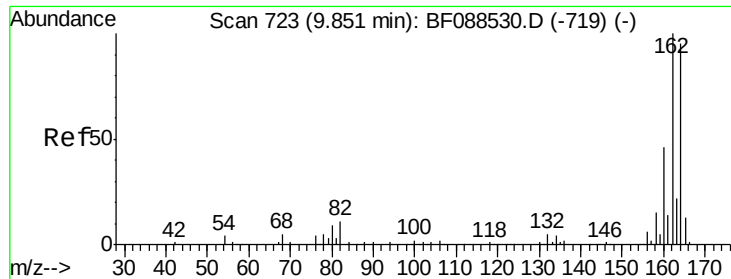
#23
Nitrobenzene-d5
Concen: 57.36 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Tgt Ion:	82	Resp:	449469
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.9	53.9
54	45.8	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

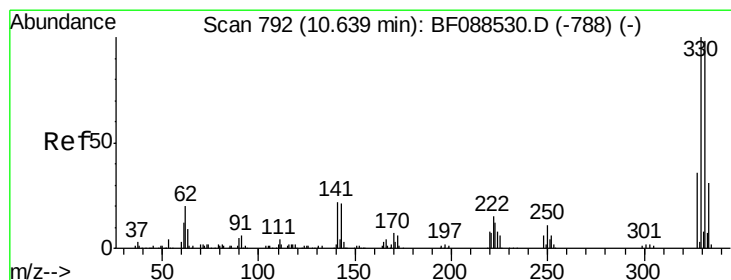
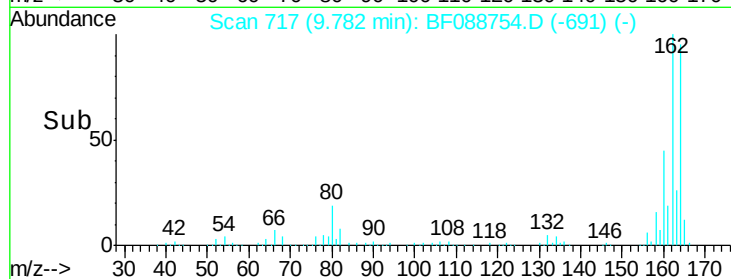
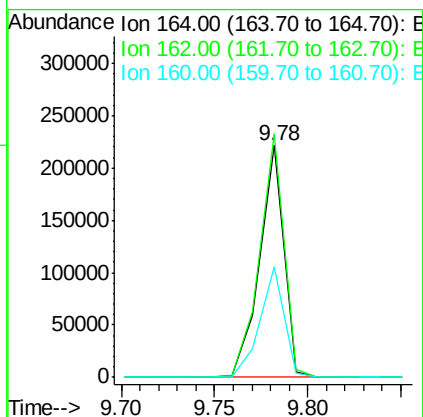
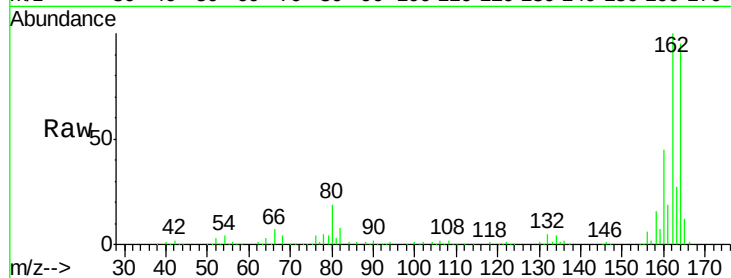




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

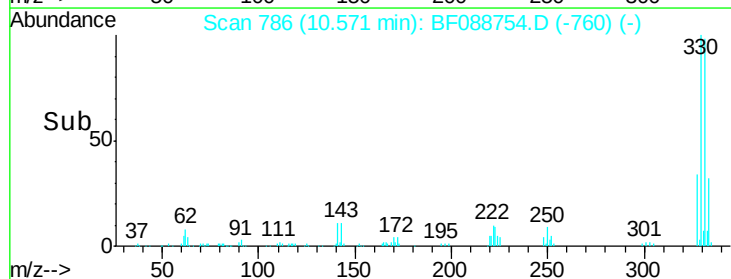
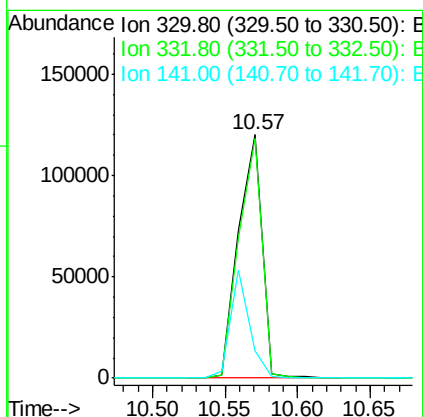
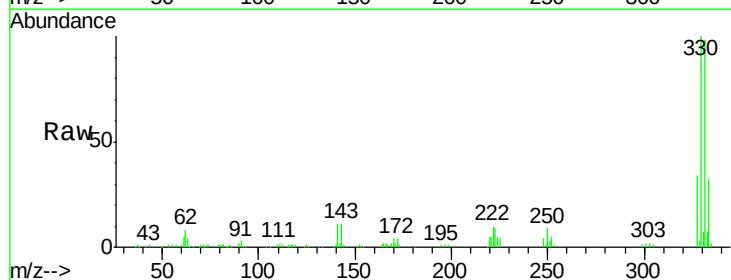
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

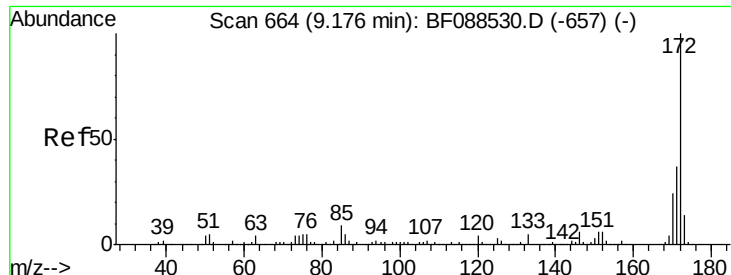
Tgt Ion:164 Resp: 197065
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.4 128.2
 160 47.6 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 74.23 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Tgt Ion:330 Resp: 135834
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 35.8 0.0 0.0#

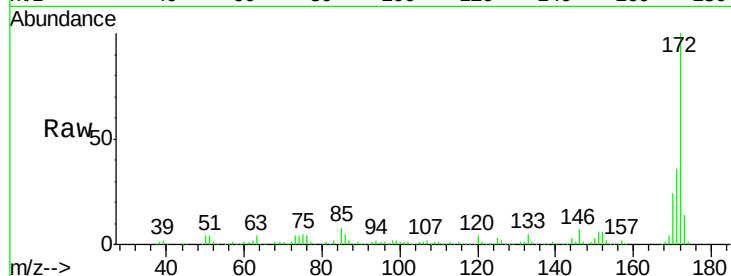




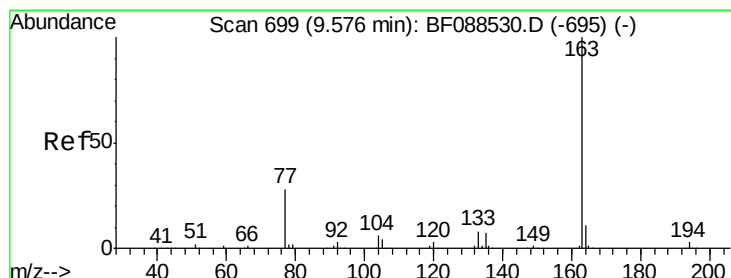
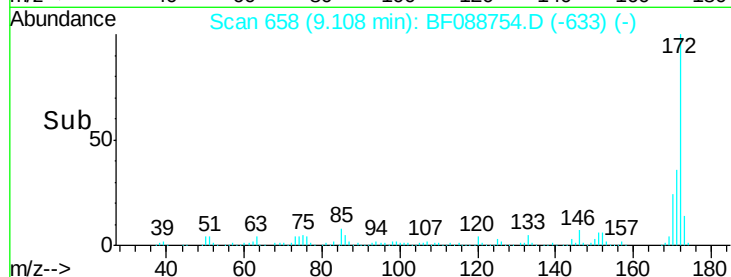
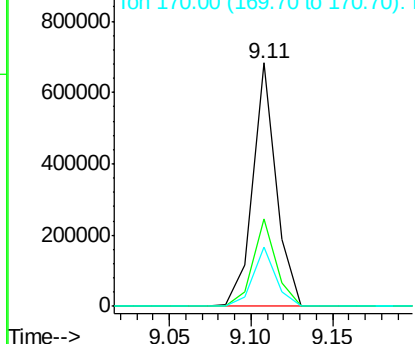
#44
2-Fluorobiphenyl
Concen: 54.54 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 680389
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.2 19.2 28.8

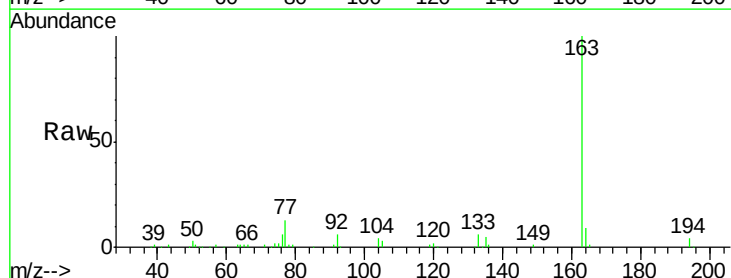


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

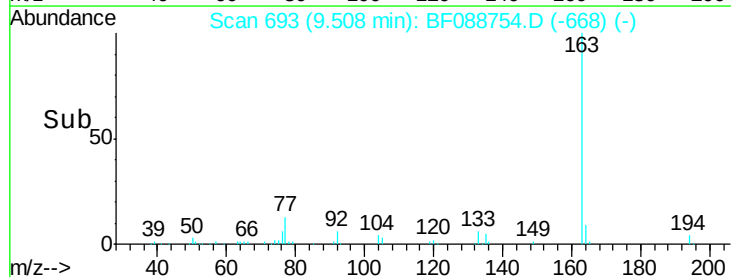
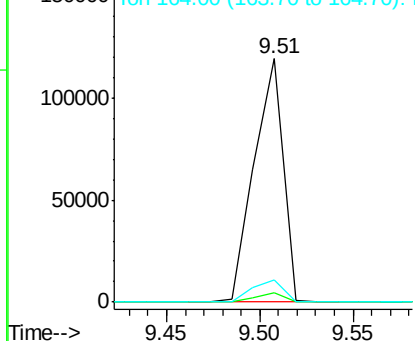


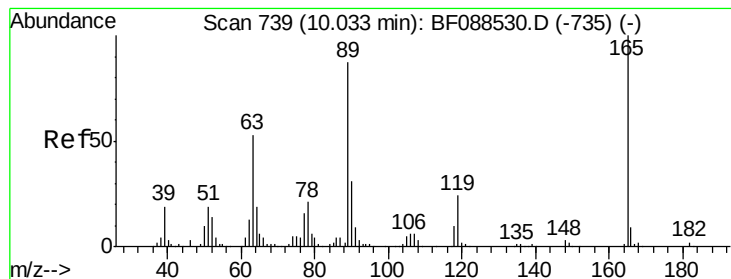
#49
Dimethylphthalate
Concen: 9.12 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Tgt Ion:163 Resp: 128082
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.2 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

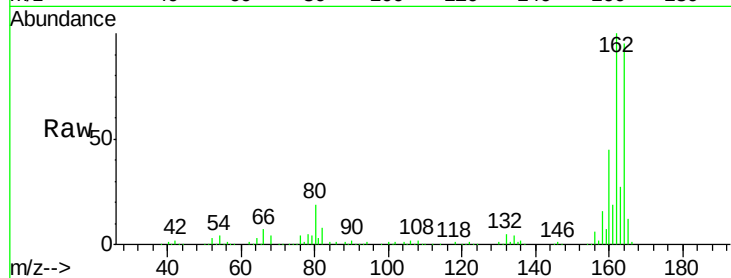




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.19 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Resp	Lower	Upper
165	25014		
63	1.3	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#



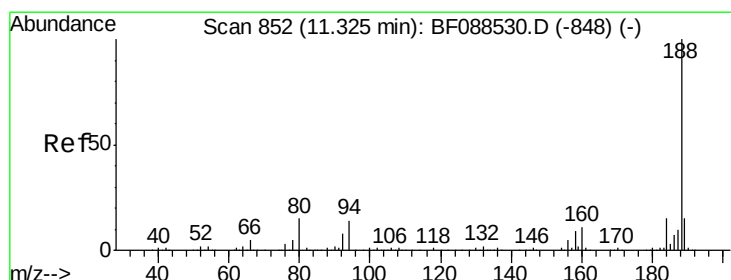
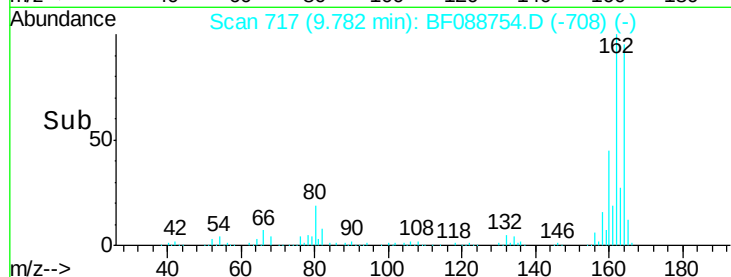
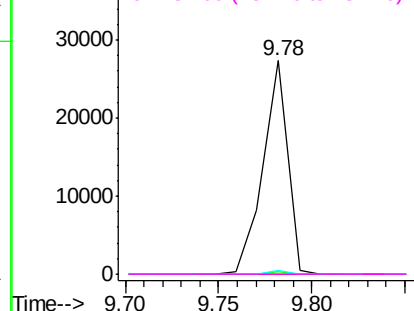
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

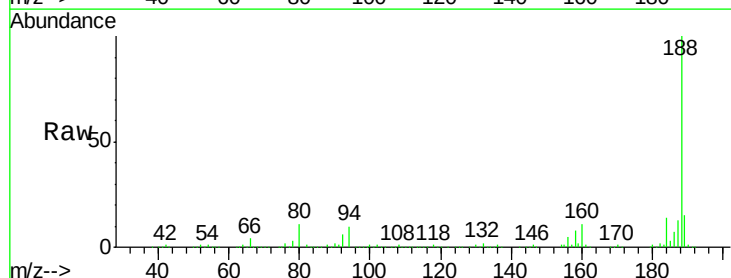
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Tgt Ion	Resp	Lower	Upper
188	358715		
94	9.6	9.0	13.6
80	10.6	10.0	15.0

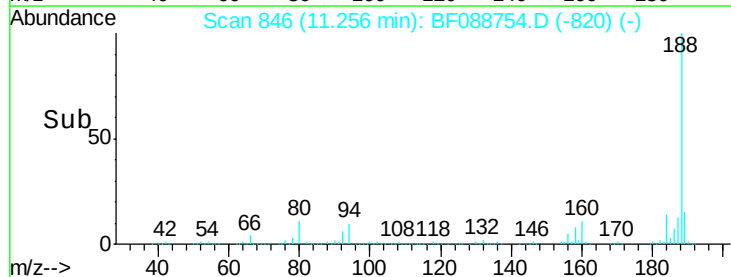
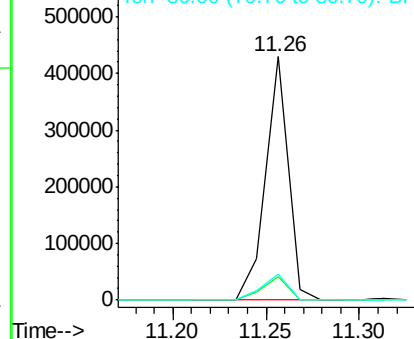


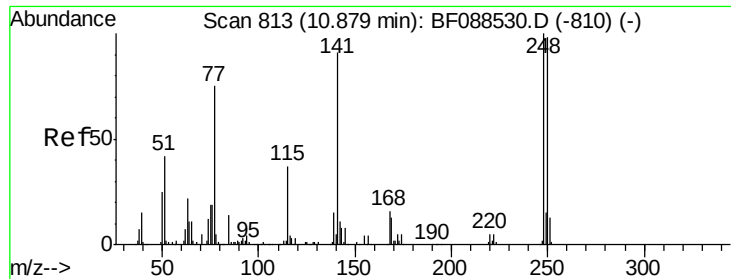
Abundance

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: 2.31 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.25 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

DFTPP

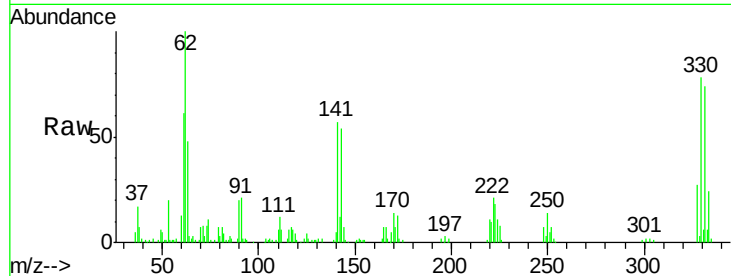
Tgt Ion:248 Resp: 8363

Ion Ratio Lower Upper

248 100

250 191.9 77.1 115.7#

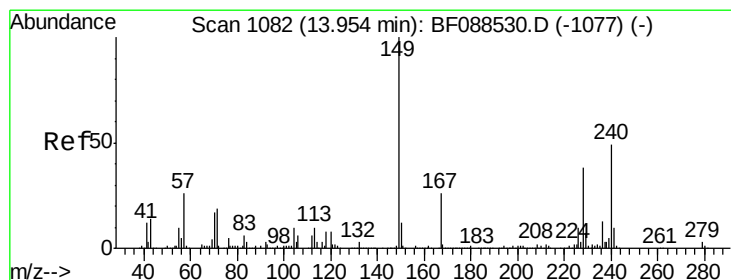
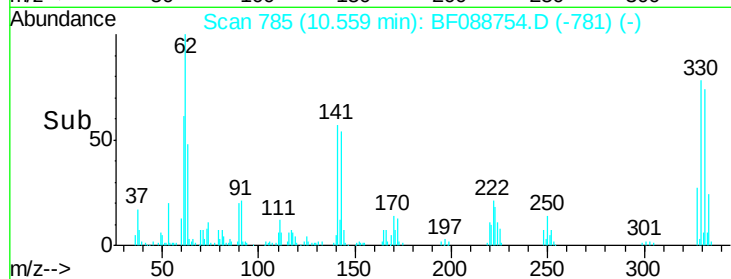
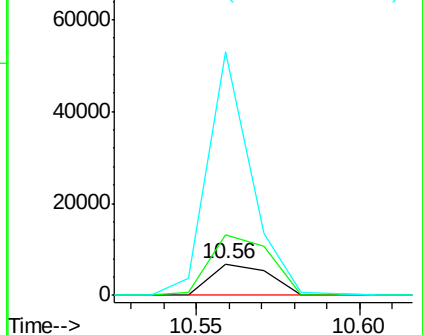
141 766.7 50.6 76.0#



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: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

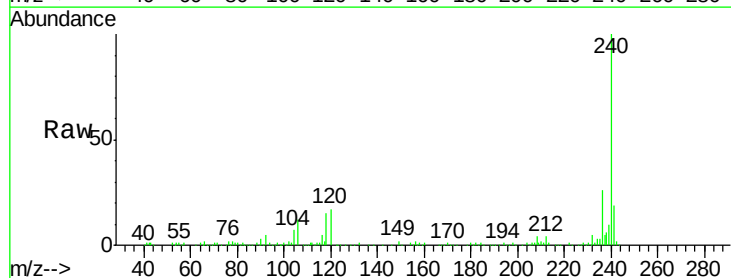
Tgt Ion:240 Resp: 250765

Ion Ratio Lower Upper

240 100

120 16.7 6.8 10.2#

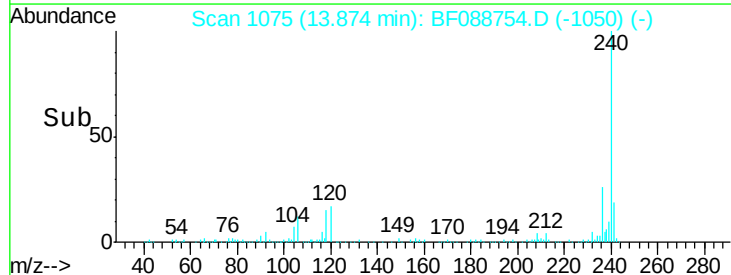
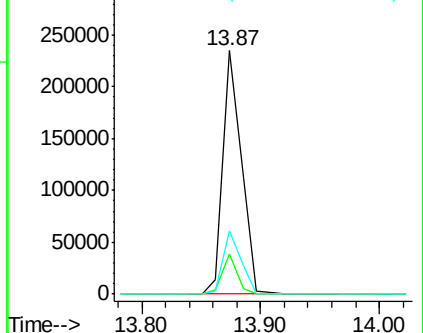
236 25.9 20.2 30.2

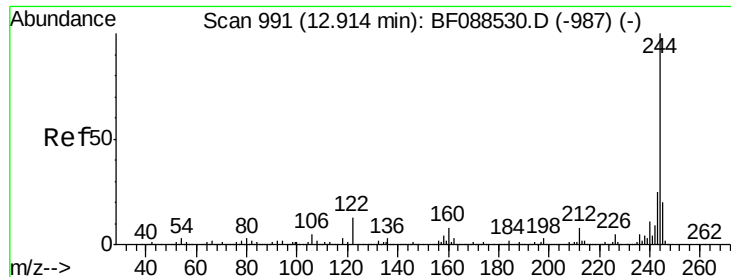


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.61 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

DFTPP

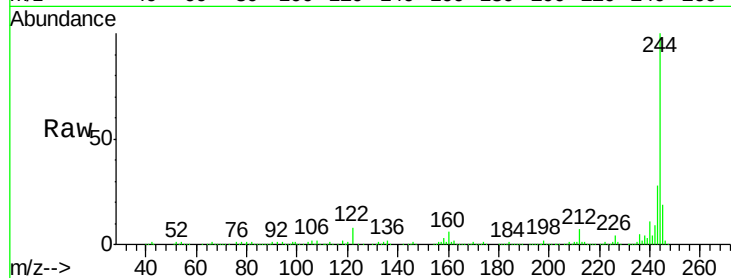
Tgt Ion:244 Resp: 738686

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

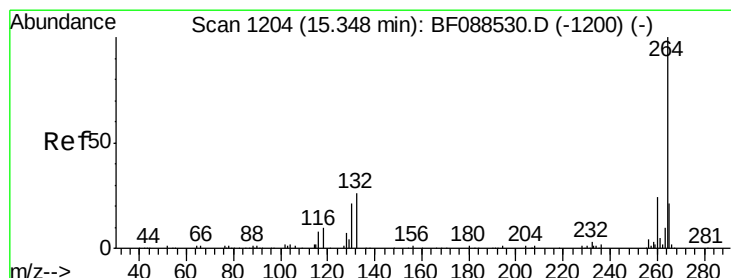
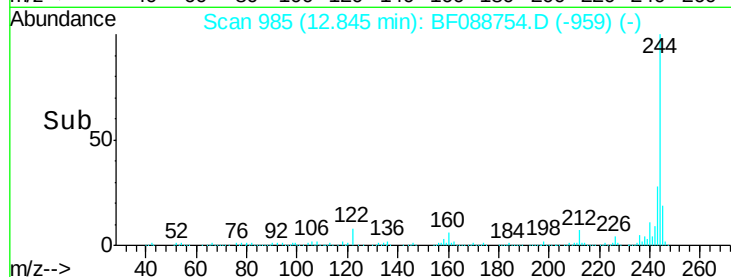
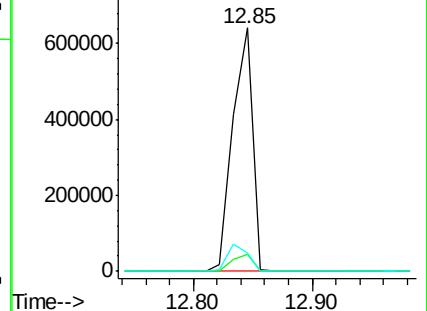
122 7.7 11.2 16.8#



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: 15.26 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

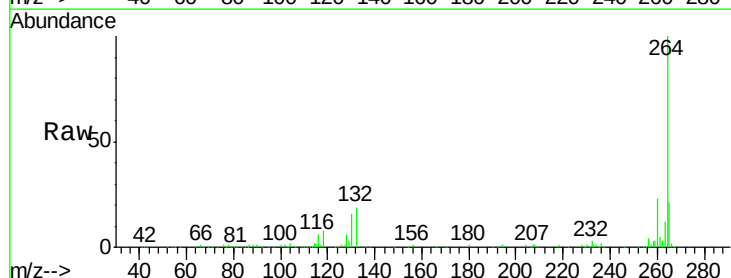
Tgt Ion:264 Resp: 195154

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

