

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092886.D
 Acq On : 10 Feb 2017 16:45
 Operator : SJ/MA
 Sample : PB96842BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BL

Quant Time: Feb 10 23:03:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

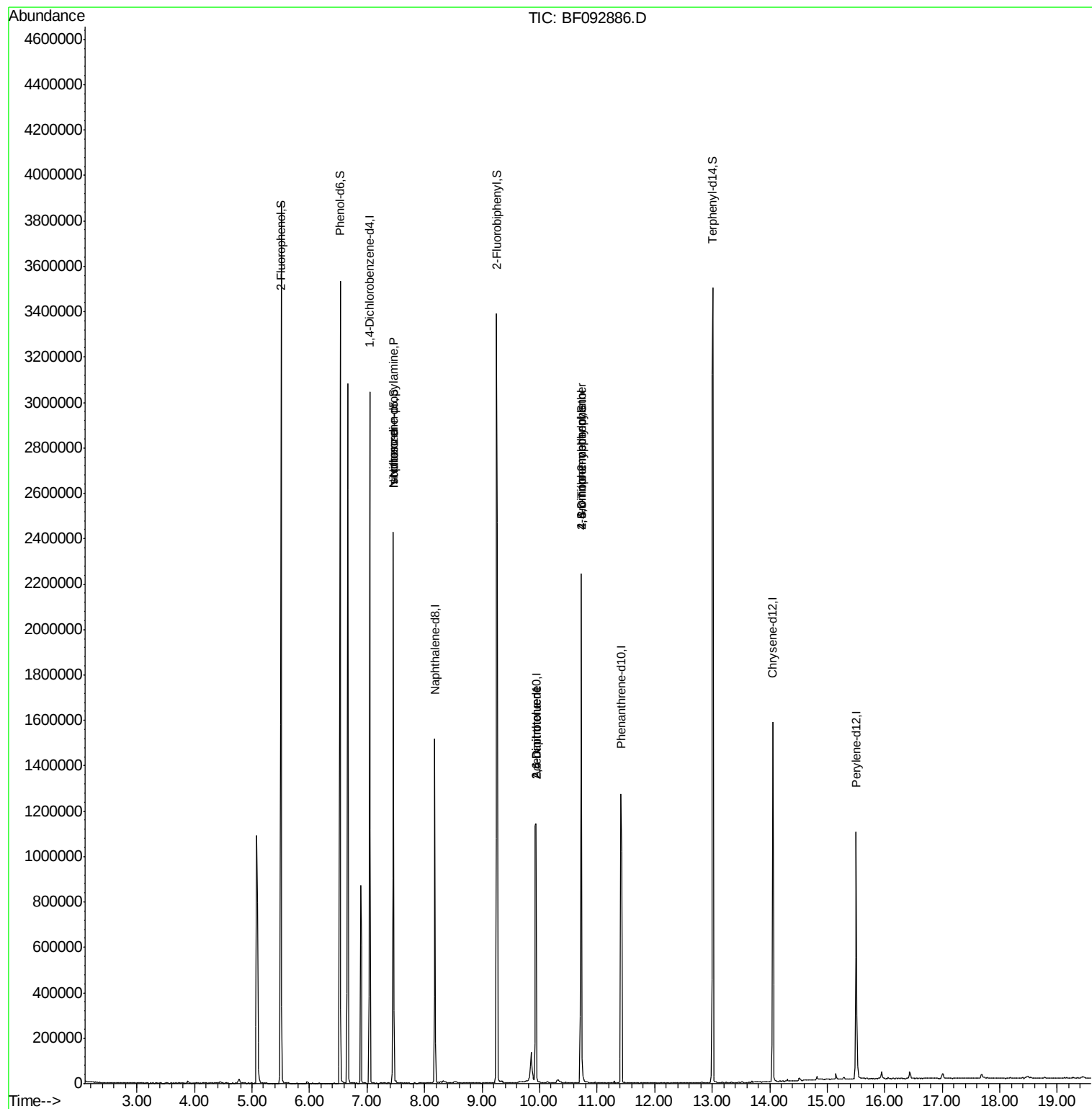
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	528758	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	700936	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	406639	20.00	ng	-0.07
63) Phenanthrene-d10	11.41	188	674183	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	549815	20.00	ng	-0.09
86) Perylene-d12	15.51	264	489060	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1112912	36.11	ng	-0.07
7) Phenol-d6	6.53	99	1330765	33.56	ng	-0.07
23) Nitrobenzene-d5	7.46	82	866705	68.86	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	338827	115.21	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1688538	75.23	ng	-0.08
78) Terphenyl-d14	13.01	244	1641441	70.15	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	114042	4.52	ng	# 83
25) Isophorone	7.46	82	856813	36.53	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	52309	8.84	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	52310	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	687	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	26814	3.81	ng	# 1

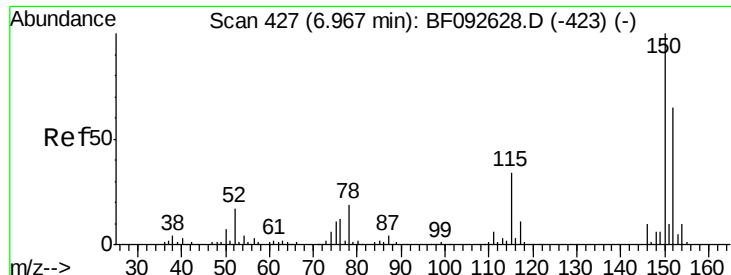
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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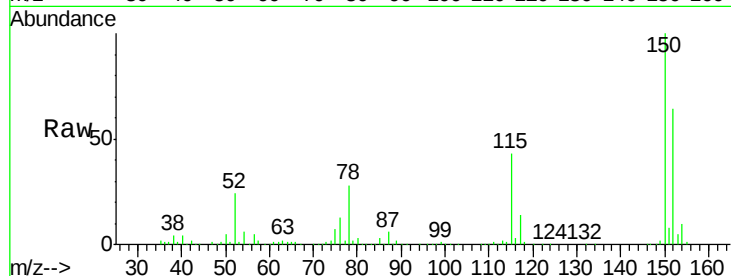


#1

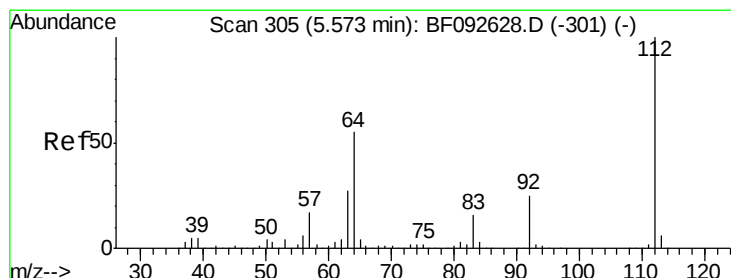
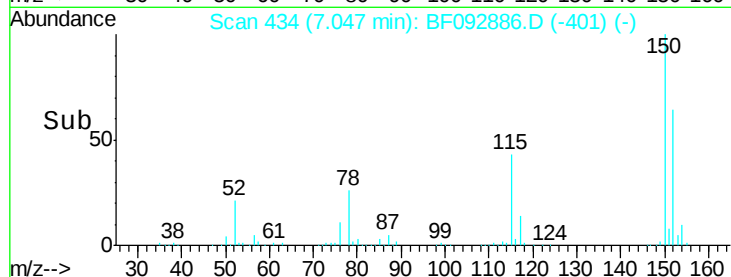
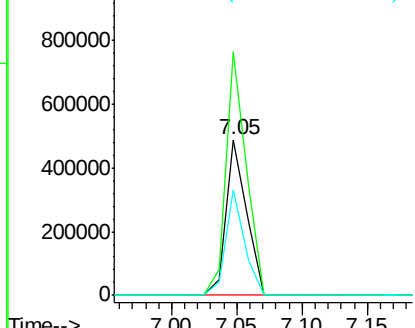
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.08 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96842BL

Tgt Ion:152 Resp: 528758
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 67.9 46.0 69.0



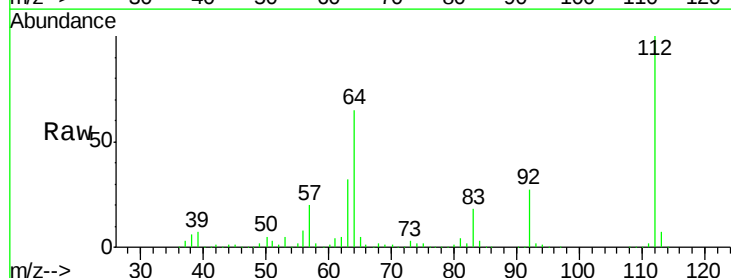
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



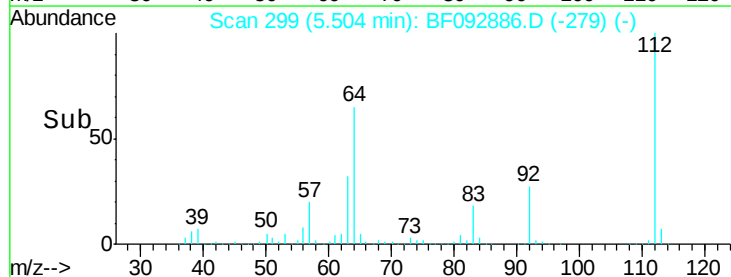
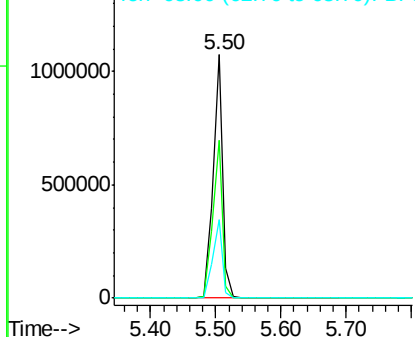
#5

2-Fluorophenol
Concen: 36.11 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.07 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Tgt Ion:112 Resp: 1112912
Ion Ratio Lower Upper
112 100
64 64.7 46.1 69.1
63 32.4 23.8 35.6



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: 33.56 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96842BL

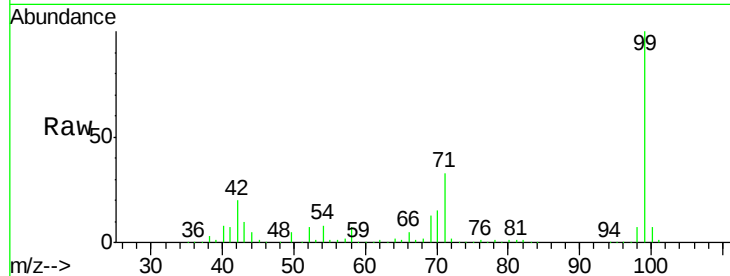
Tgt Ion: 99 Resp: 1330765

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

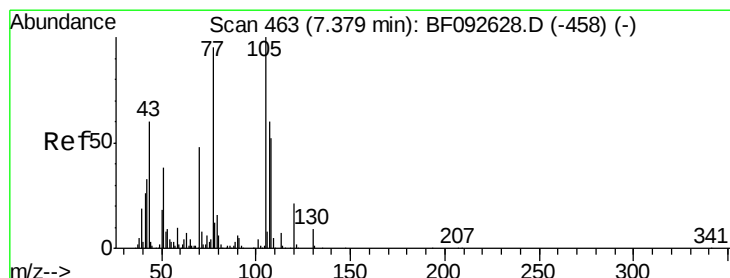
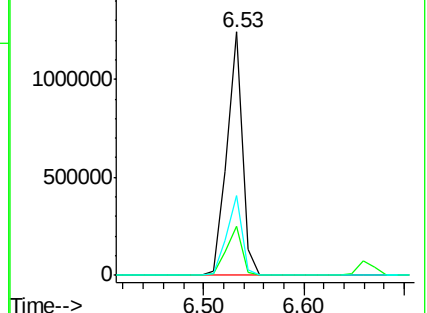
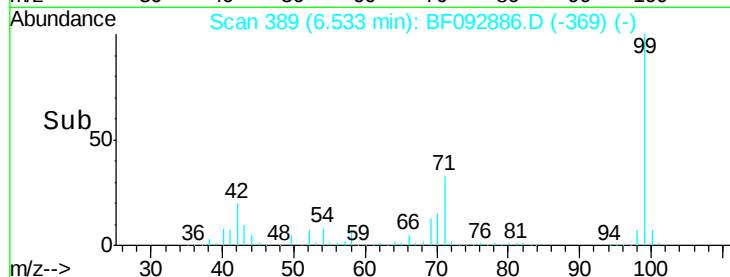
71 32.8 27.5 41.3



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: 4.52 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Tgt Ion: 70 Resp: 114042

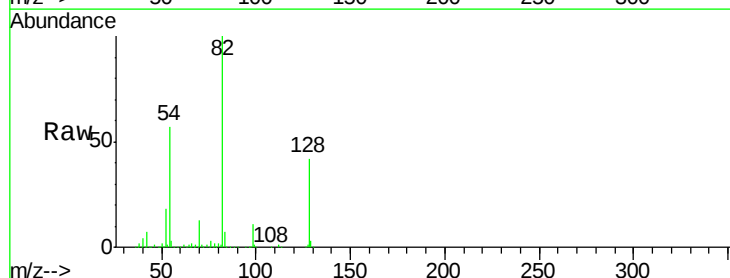
Ion Ratio Lower Upper

70 100

42 53.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

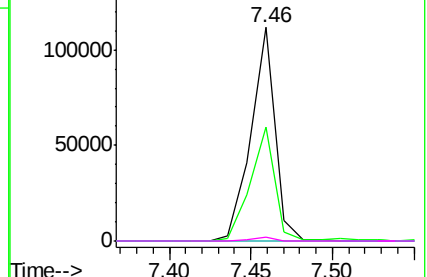
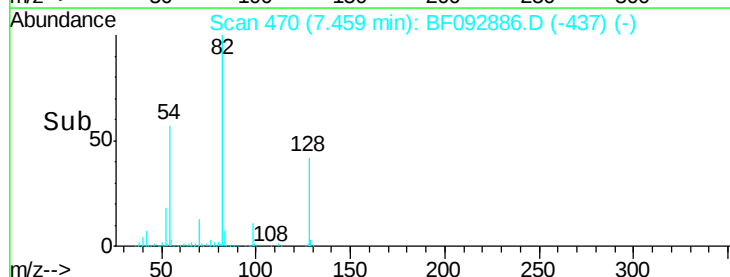


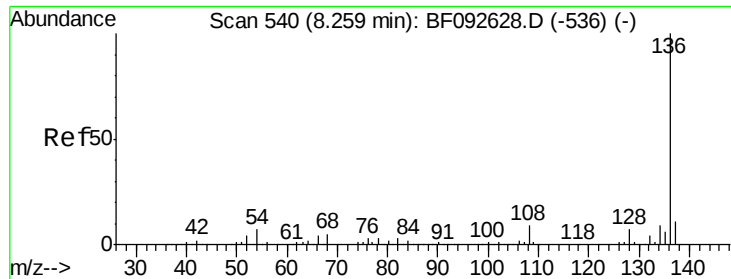
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

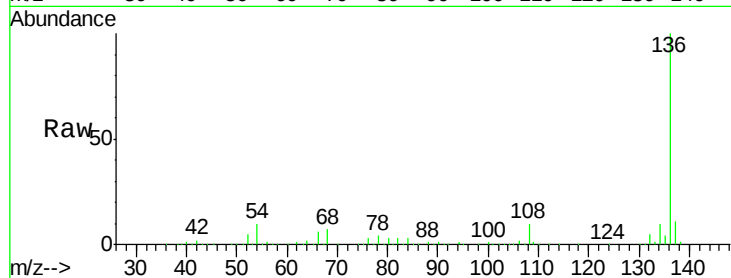




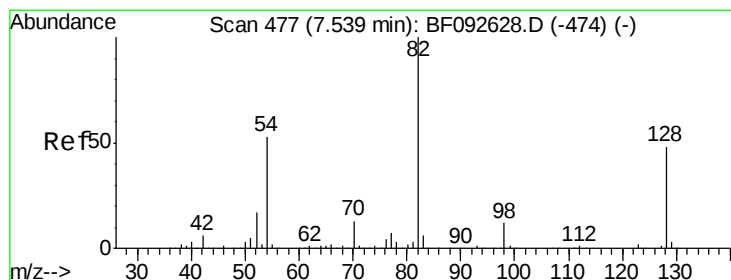
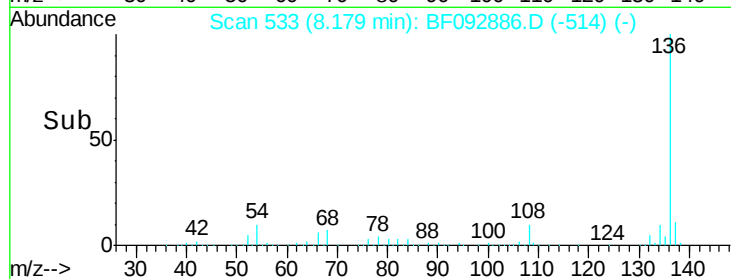
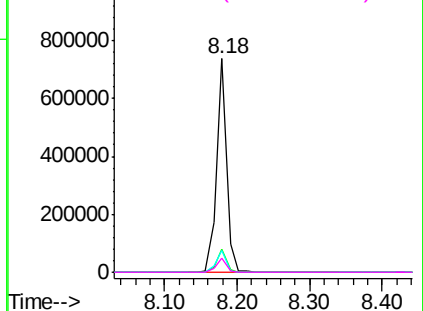
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96842BL

Tgt Ion:	136	Resp:	700936
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.0	4.5	6.7#
68	6.9	3.6	5.4#

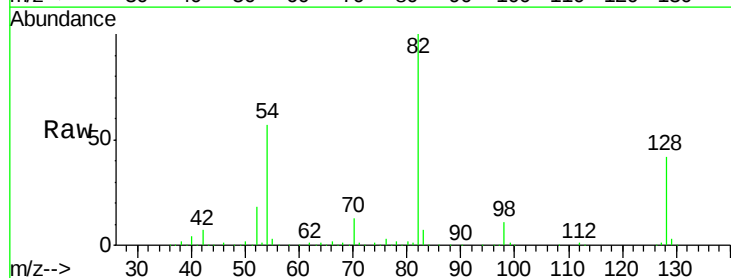


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

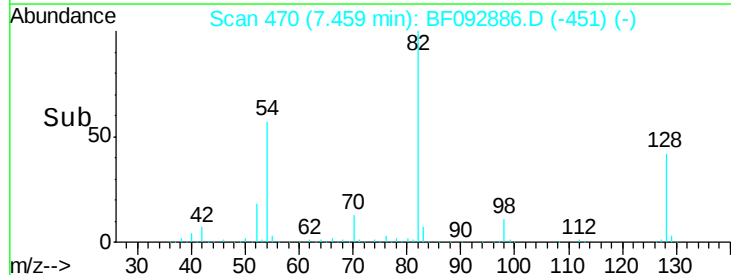
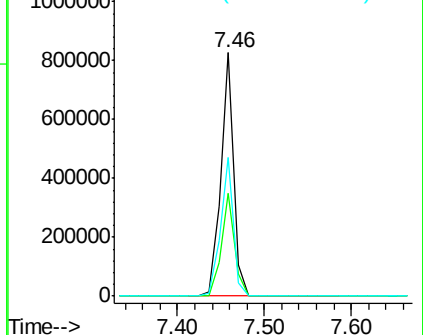


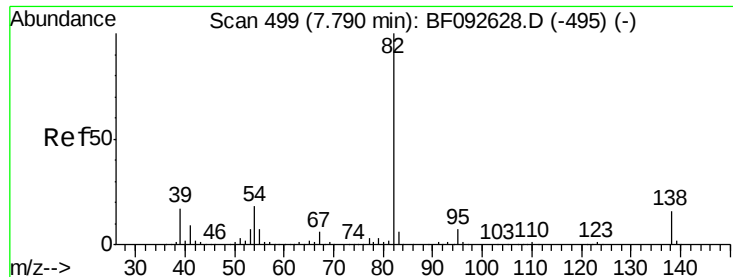
#23
Nitrobenzene-d5
Concen: 68.86 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Tgt Ion:	82	Resp:	866705
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	57.0	39.5	59.3



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: 36.53 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampled :

PB96842BL

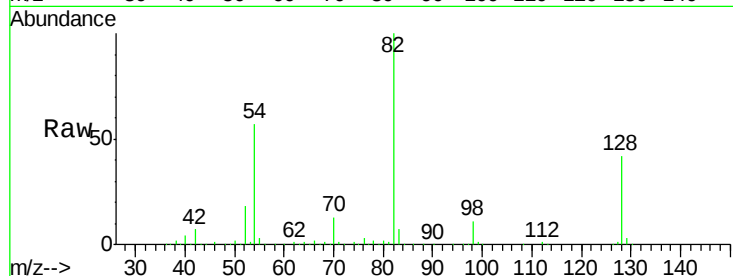
Tgt Ion: 82 Resp: 856813

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

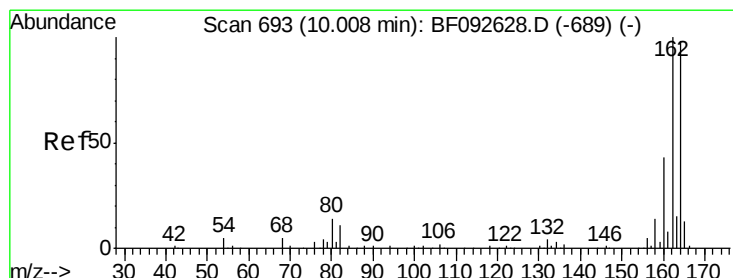
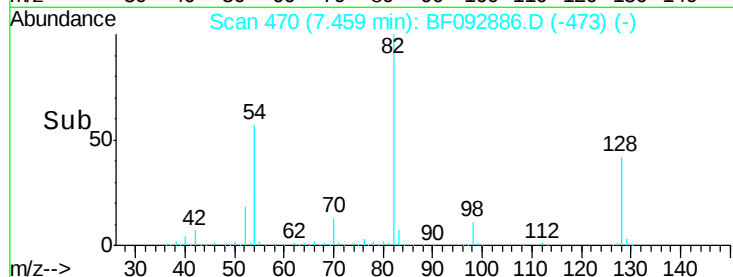
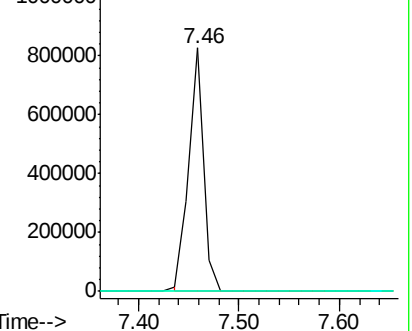
138 0.0 14.6 22.0#



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: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

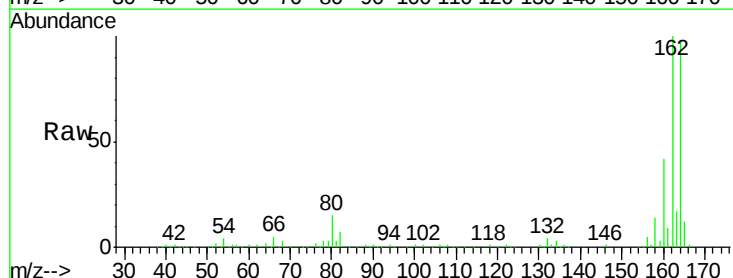
Tgt Ion: 164 Resp: 406639

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

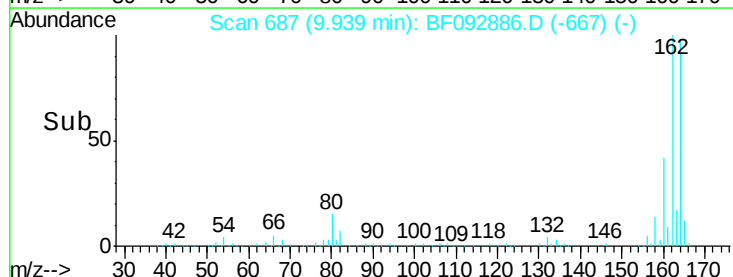
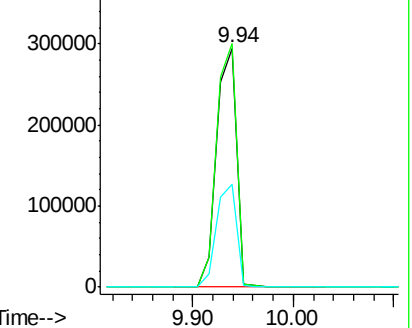
160 43.2 36.9 55.3



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

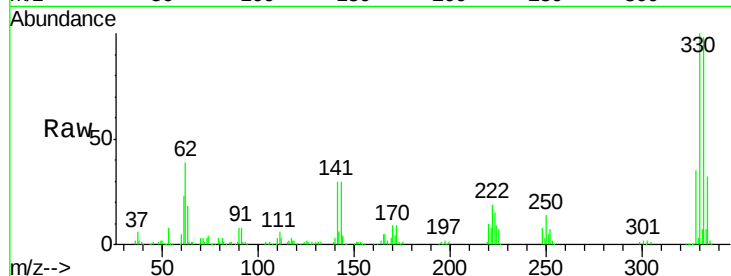




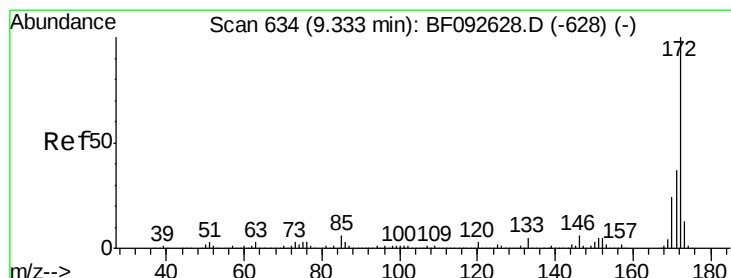
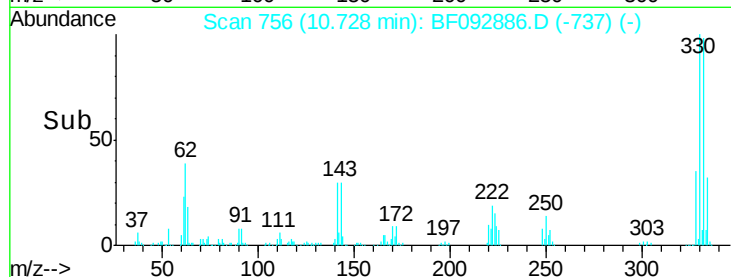
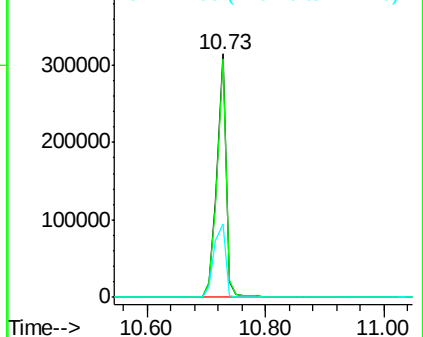
#41
 2,4,6-Tribromophenol
 Concen: 115.21 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Instrument :
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 ClientSampleId :
 PB96842BL

Tgt Ion:330 Resp: 338827
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 38.3 34.1 51.1

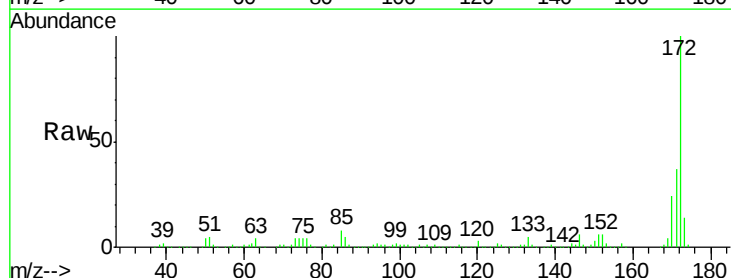


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

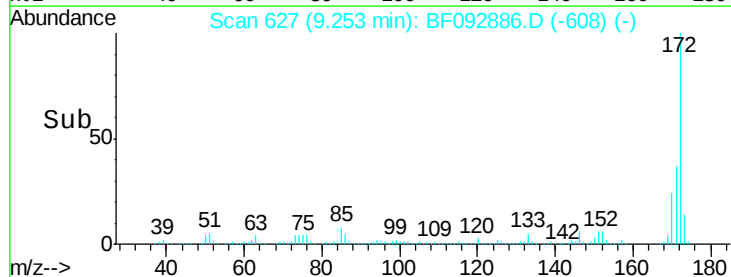
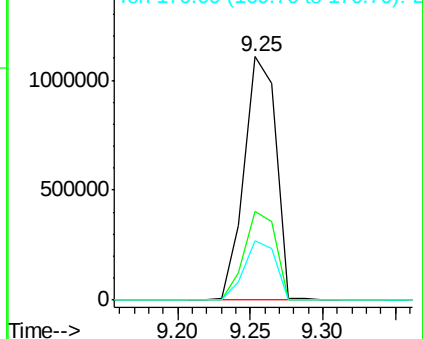


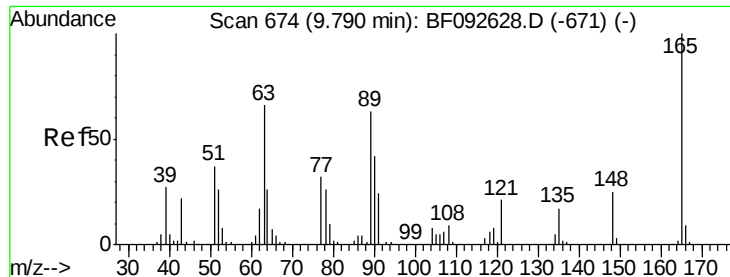
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Tgt Ion:172 Resp: 1688538
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4



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

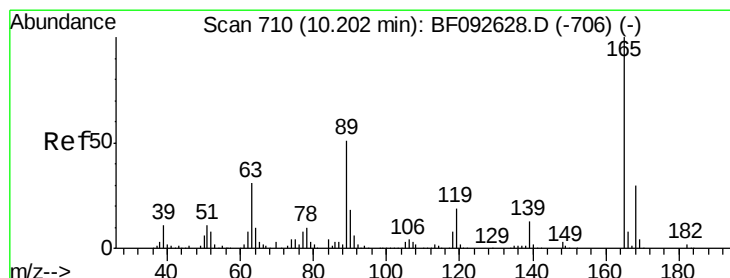
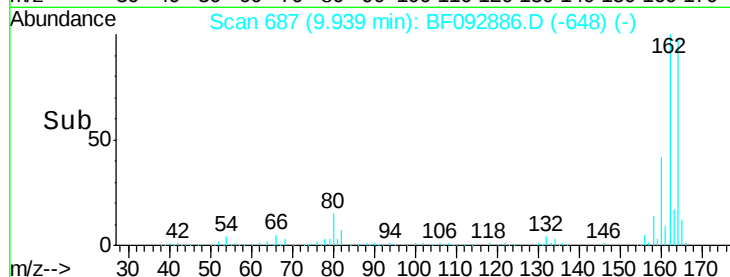
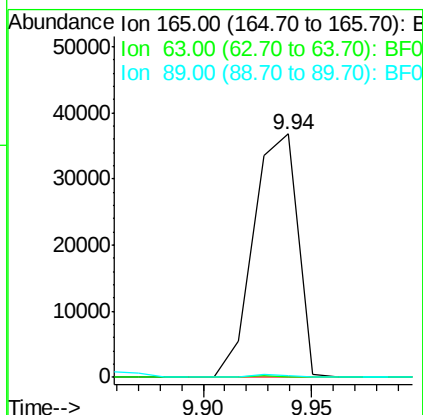
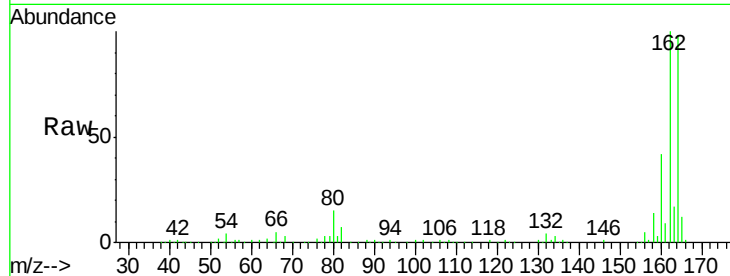




#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.15 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

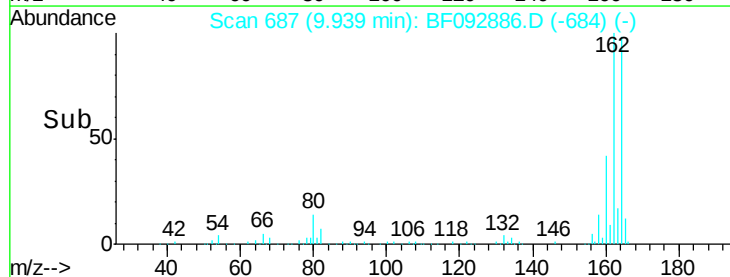
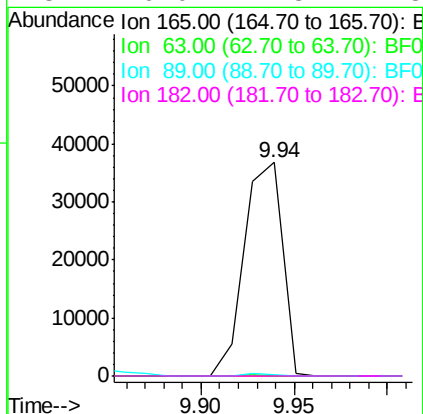
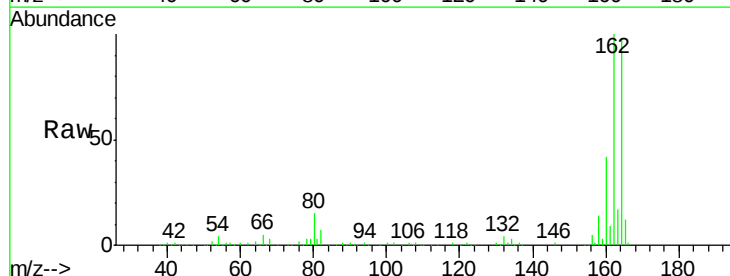
Instrument :
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PB96842BL

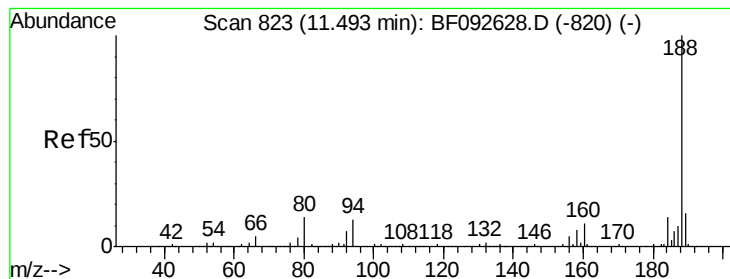
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.9	40.2	60.4#



#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.26 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.08 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96842BL

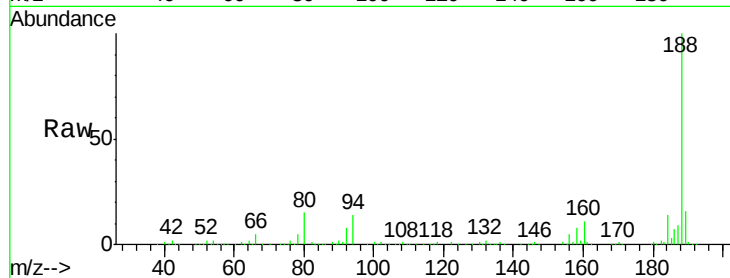
Tgt Ion:188 Resp: 674183

Ion Ratio Lower Upper

188 100

94 14.2 10.0 15.0

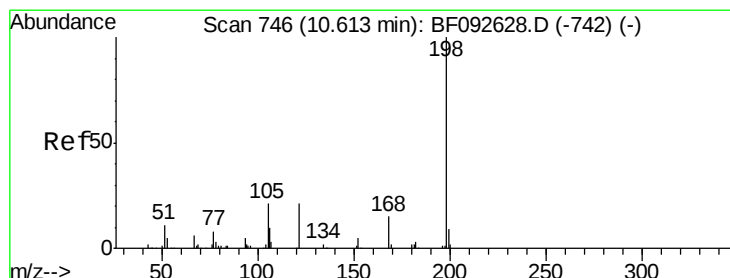
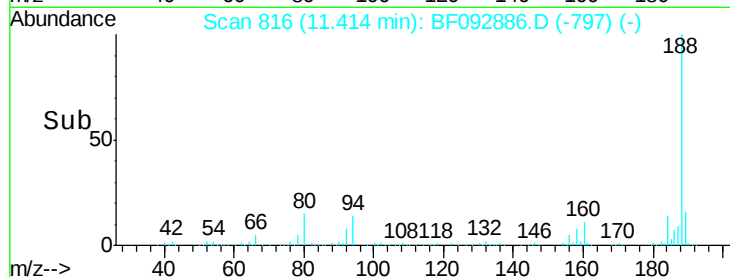
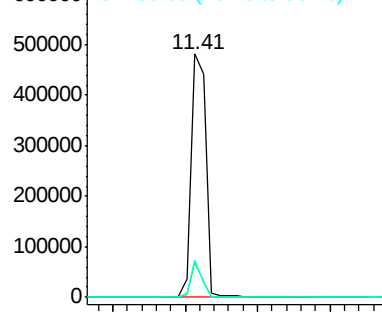
80 15.5 11.2 16.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.83 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.11 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

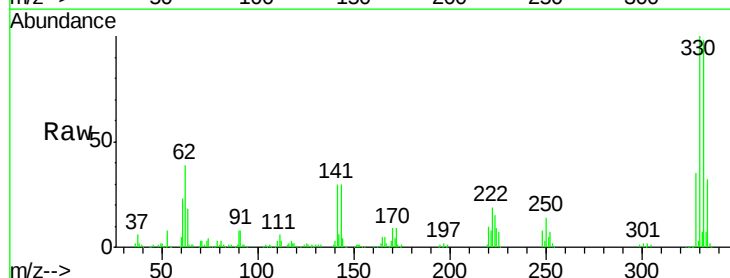
Tgt Ion:198 Resp: 687

Ion Ratio Lower Upper

198 100

51 229.0 6.7 46.7#

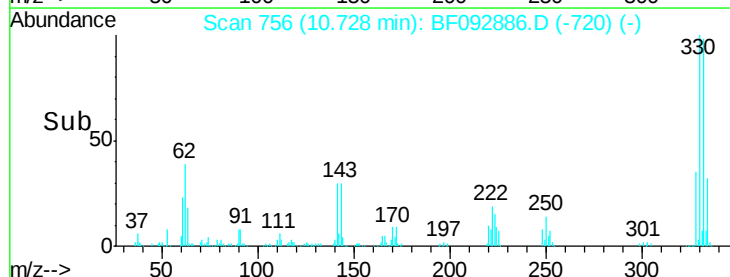
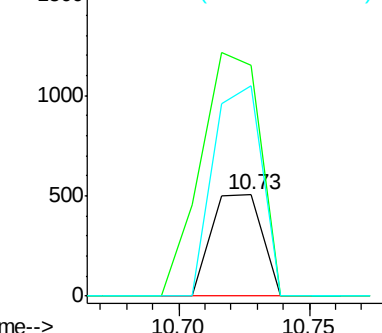
105 208.1 16.6 56.6#

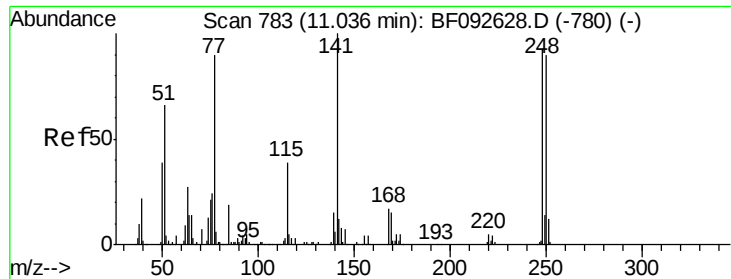


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.81 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.31 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96842BL

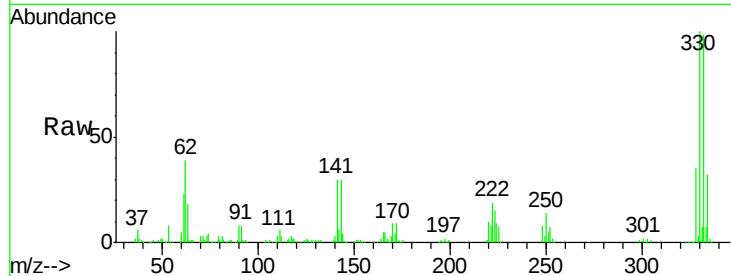
Tgt Ion:248 Resp: 26814

Ion Ratio Lower Upper

248 100

250 182.4 76.9 115.3#

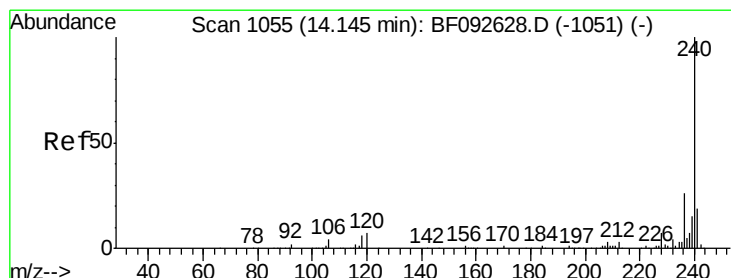
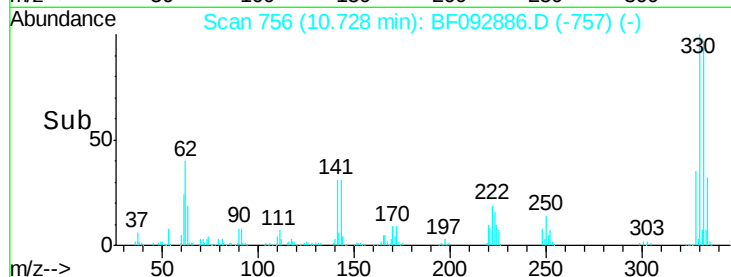
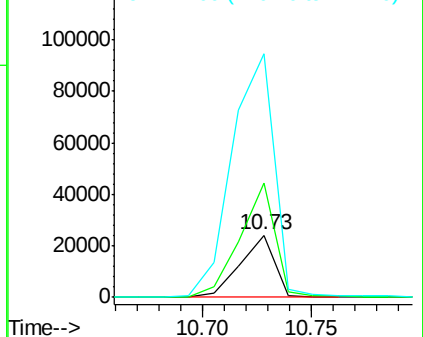
141 390.0 68.2 102.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

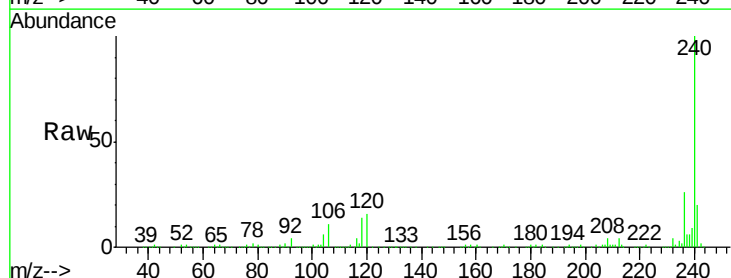
Tgt Ion:240 Resp: 549815

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

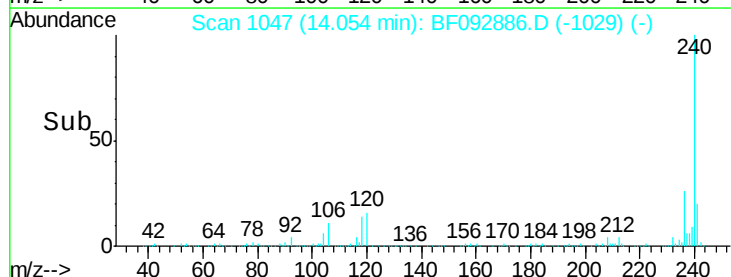
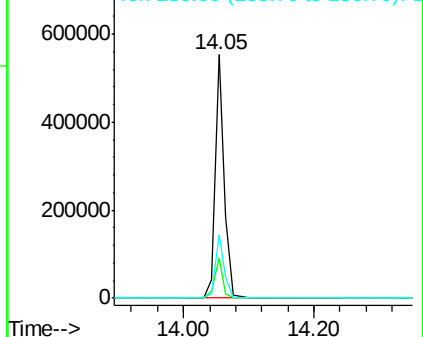
236 26.0 20.9 31.3

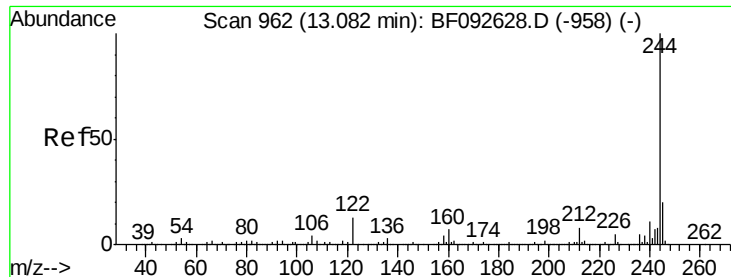


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.15 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96842BL

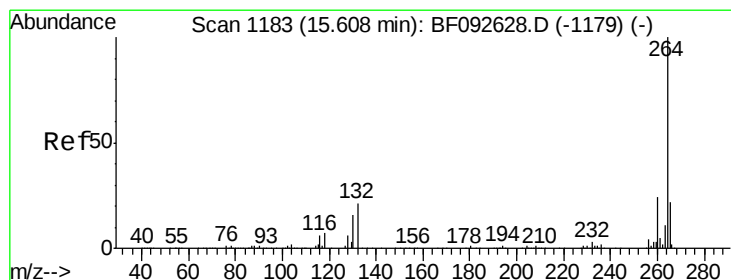
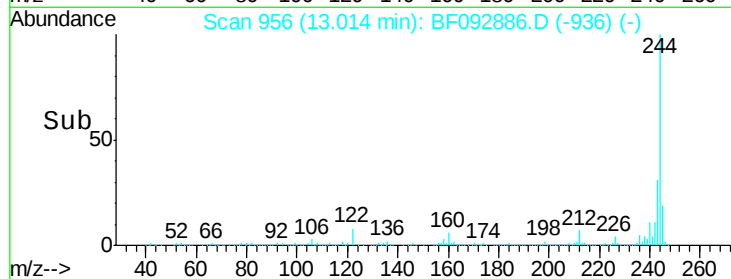
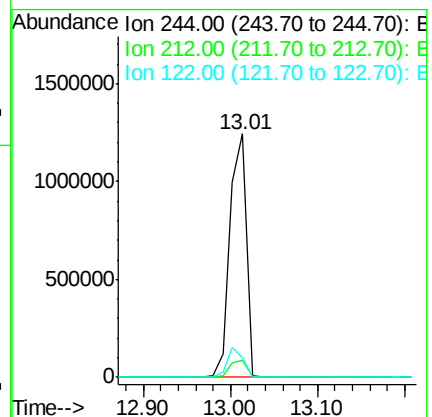
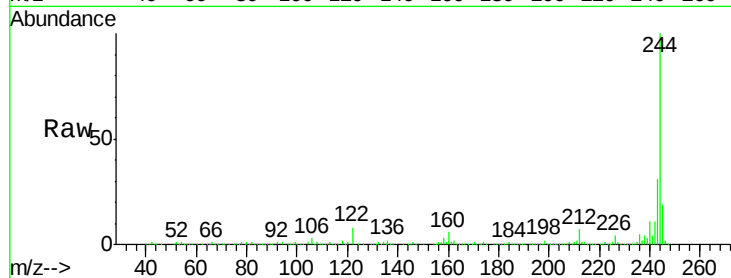
Tgt Ion:244 Resp: 1641441

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 8.1 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Tgt Ion:264 Resp: 489060

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 17.4 26.0

