

Data Path : Z:\HPCHEM1\BNA F\Data\BF111615\
 Data File : BF082963.D
 Acq On : 17 Nov 2015 8:56
 Operator : UM/IZ
 Sample : G4376-03RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Quant Time: Nov 17 10:06:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

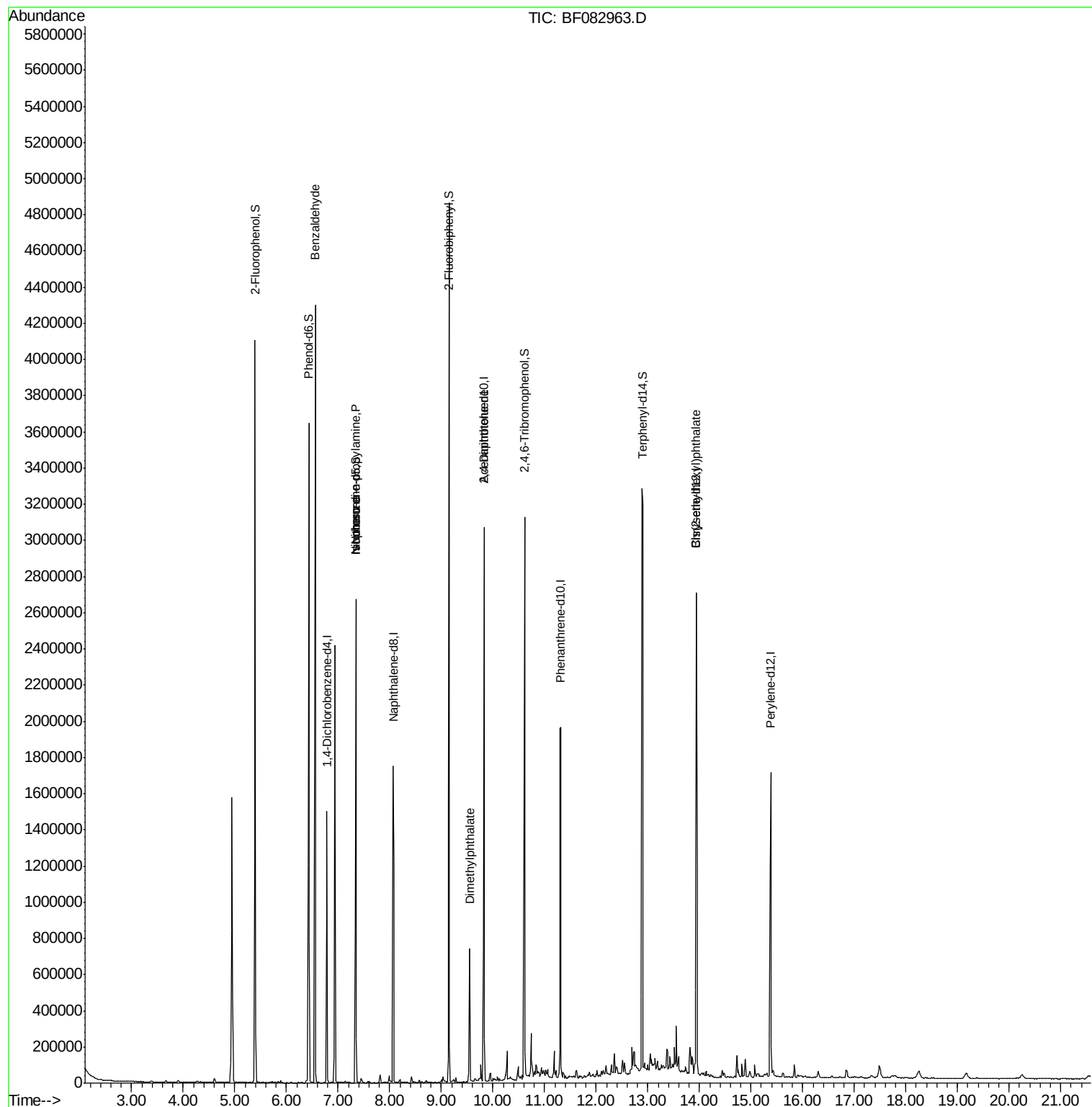
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	274724	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	1044061	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	594070	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	1110908	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	960312	20.00	ng	-0.08
86) Perylene-d12	15.38	264	854748	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1029117	58.29	ng	-0.06
7) Phenol-d6	6.43	99	1367316	58.25	ng	-0.06
23) Nitrobenzene-d5	7.34	82	924758	38.54	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	355168	52.14	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1463292	35.30	ng	-0.07
78) Terphenyl-d14	12.90	244	1578600	38.99	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	30780	2.37	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.34	70	126644	7.34	ng	# 69
25) Isophorone	7.34	82	917223	20.66	ng	# 69
49) Dimethylphthalate	9.55	163	476857	9.80	ng	# 96
56) 2,4-Dinitrotoluene	9.82	165	78570	5.58	ng	# 16
83) Bis(2-ethylhexyl)phthalate	13.94	149	99476	2.49	ng	100

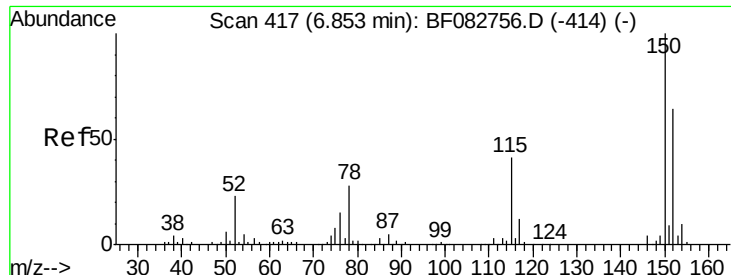
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 04:41:30 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

Instrument :

BNA_F

ClientSampled :

SB-3-4-6FT

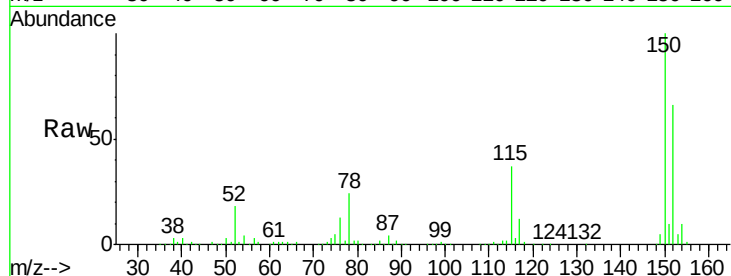
Tot Ion:152 Resp: 274724

Ion Ratio Lower Upper

152 100

150 152.7 127.0 190.4

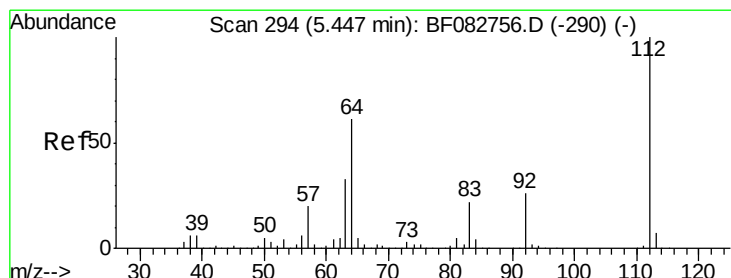
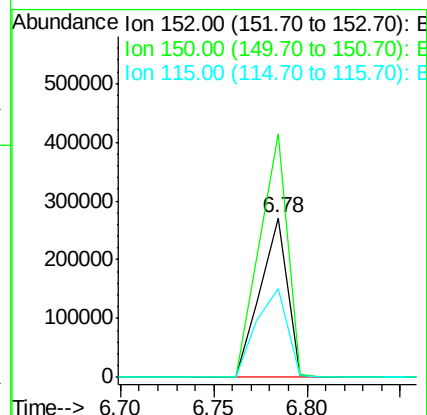
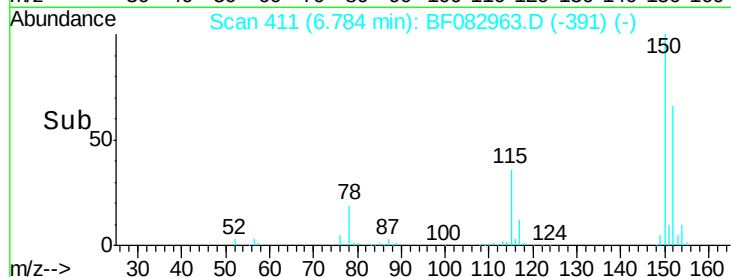
115 56.0 47.0 70.6



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: 58.29 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

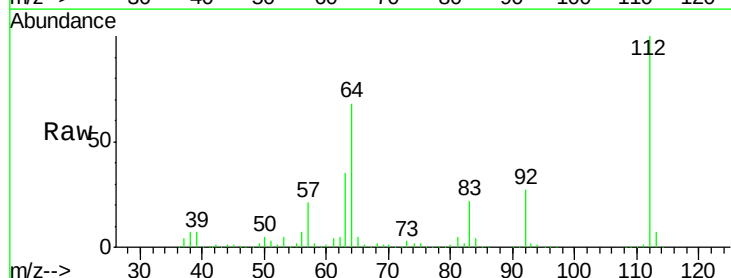
Tgt Ion:112 Resp: 1029117

Ion Ratio Lower Upper

112 100

64 68.1 48.9 73.3

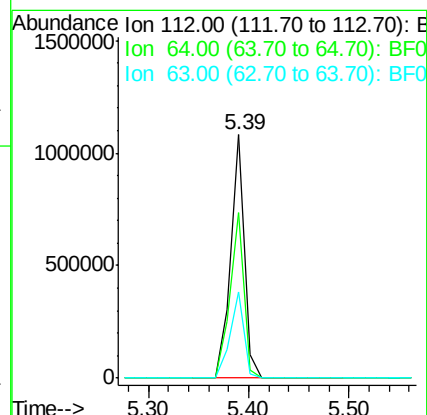
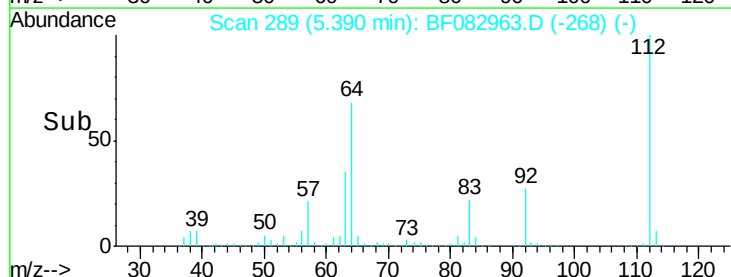
63 35.4 28.1 42.1

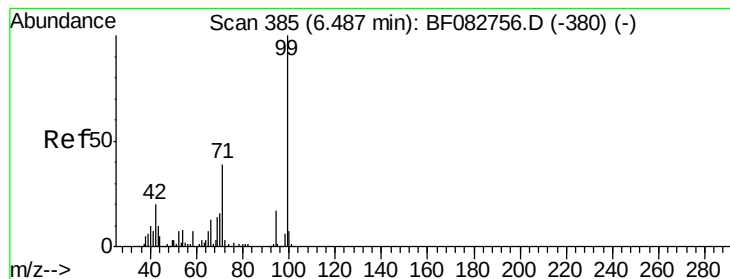


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.25 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

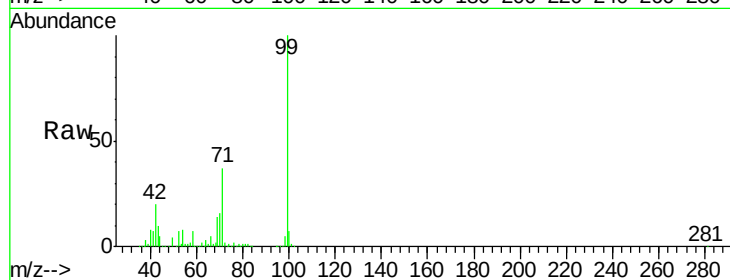
Tot Ion: 99 Resp: 1367316

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

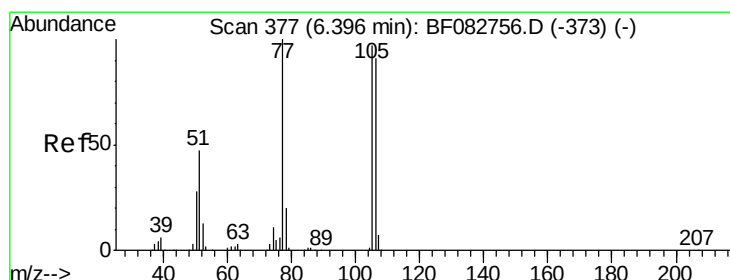
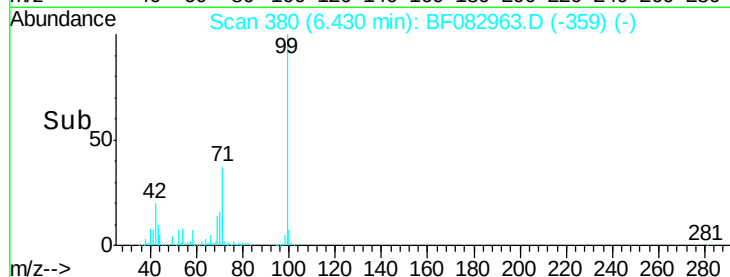
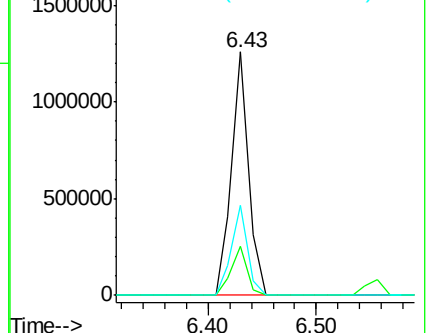
71 37.0 35.0 52.4



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



#9

Benzaldehyde

Concen: 2.37 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

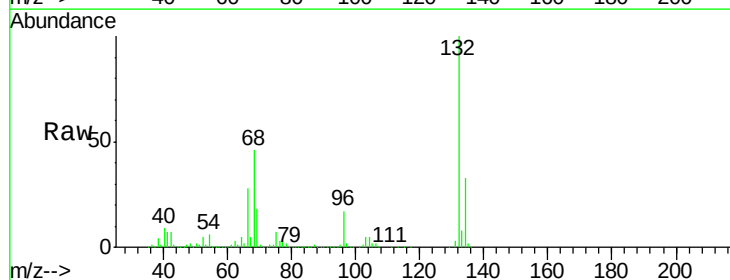
Tgt Ion: 77 Resp: 30780

Ion Ratio Lower Upper

77 100

105 78.2 63.5 103.5

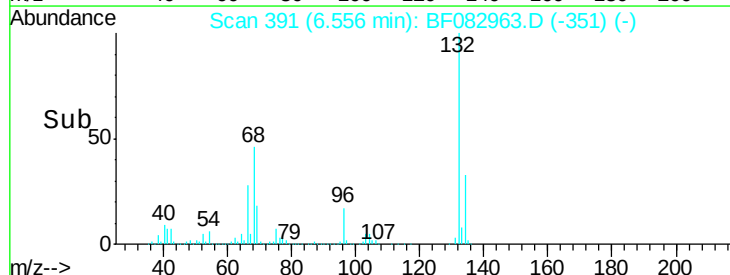
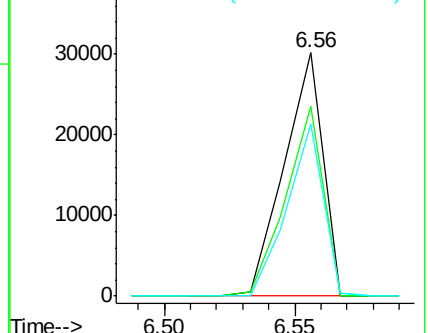
106 70.8 59.3 99.3

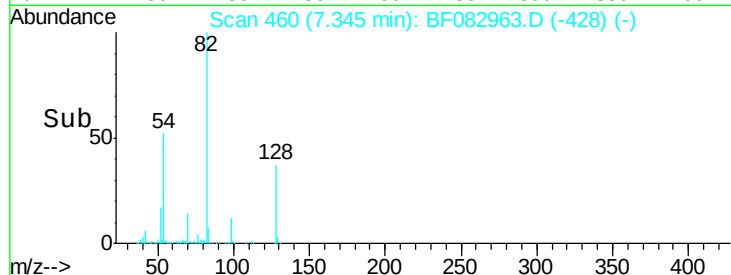
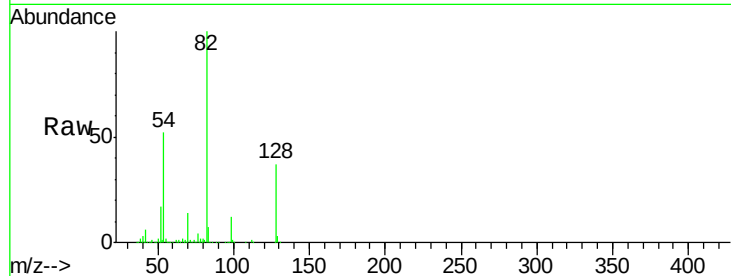
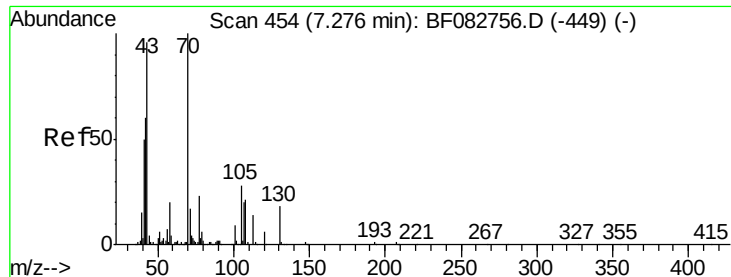


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

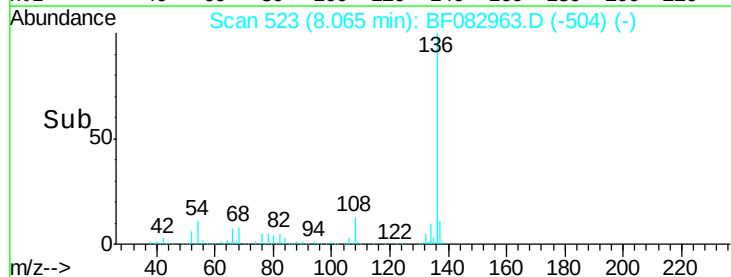
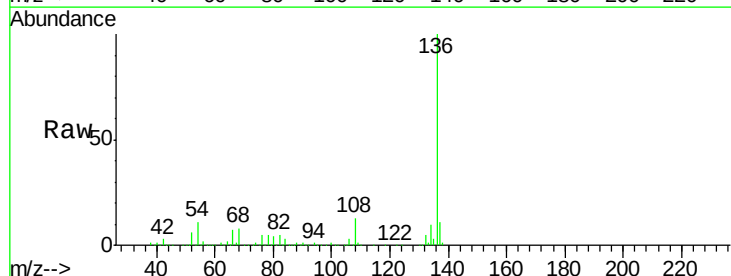
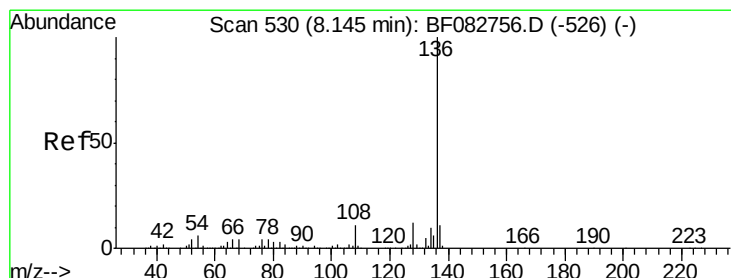
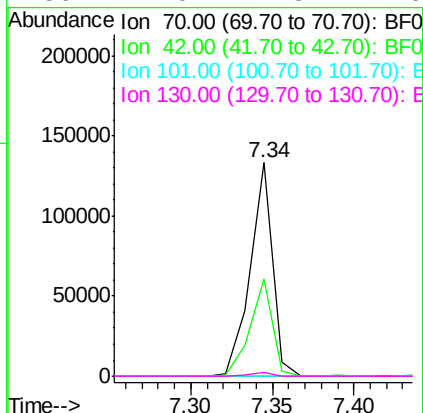




#19
n-Nitroso-di-n-propylamine
Concen: 7.34 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.07 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

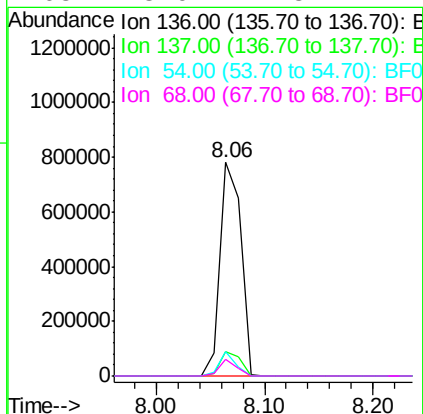
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FT

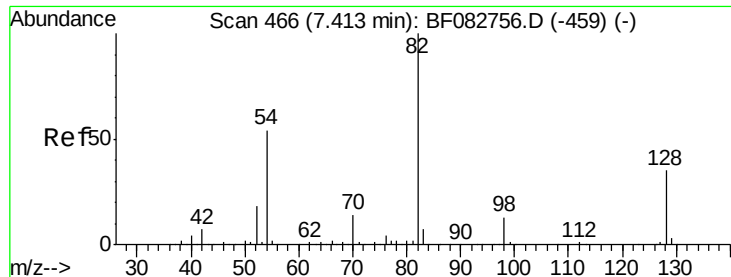
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.7	57.7	86.5#	
101	0.0	7.0	10.6#	
130	2.0	11.8	17.6#	



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	11.2	9.1	13.7	
68	8.0	4.8	7.2#	

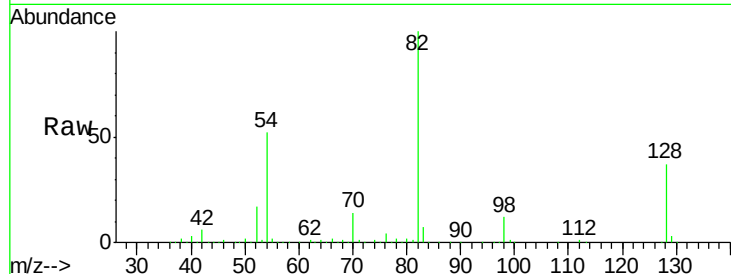




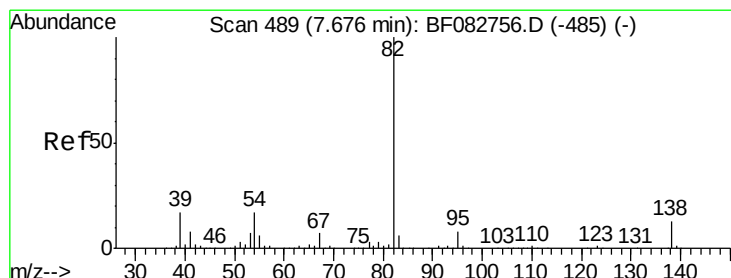
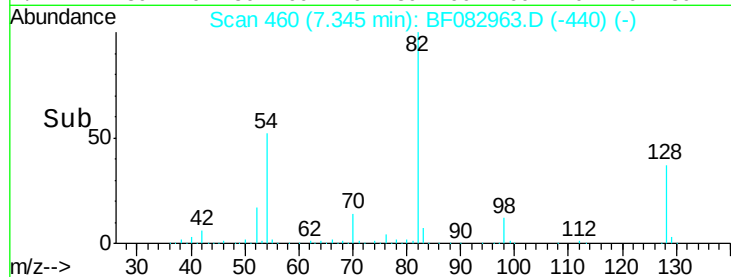
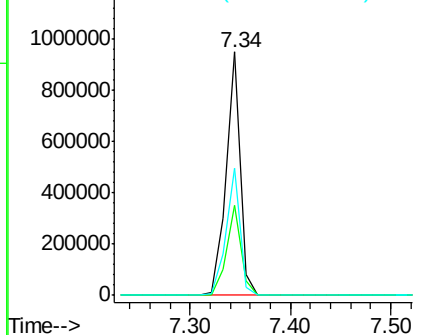
#23
 Nitrobenzene-d5
 Concen: 38.54 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082963.D
 Acq: 17 Nov 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Tot Ion	82	Resp	924758
Ion Ratio	100	Lower	Upper
128	37.1	26.8	40.2
54	52.2	45.7	68.5

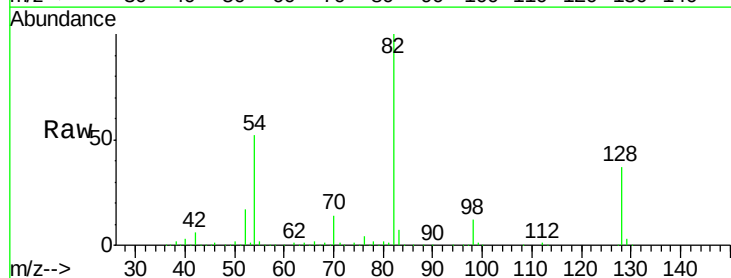


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

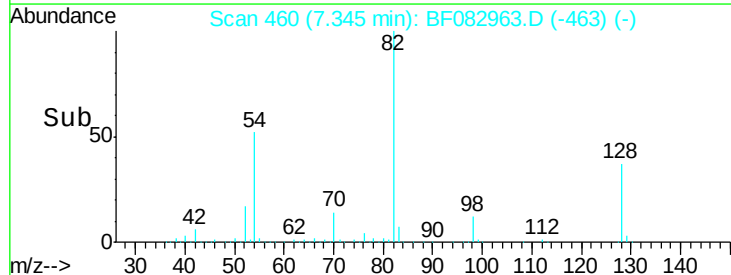
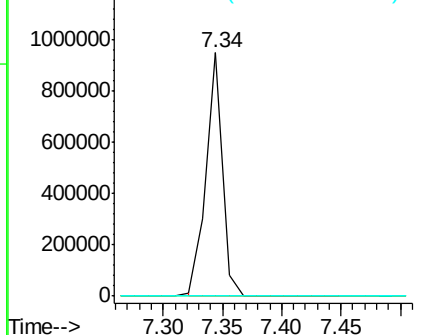


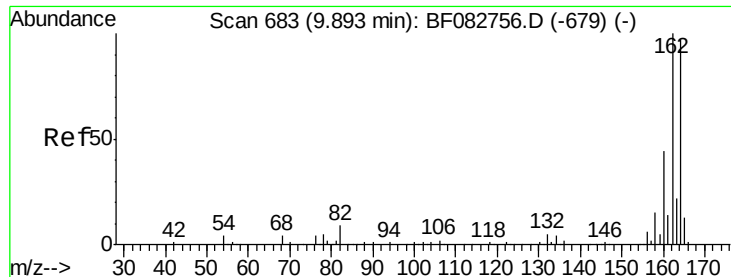
#25
 Isophorone
 Concen: 20.66 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082963.D
 Acq: 17 Nov 2015 8:56

Tgt Ion	82	Resp	917223
Ion Ratio	100	Lower	Upper
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

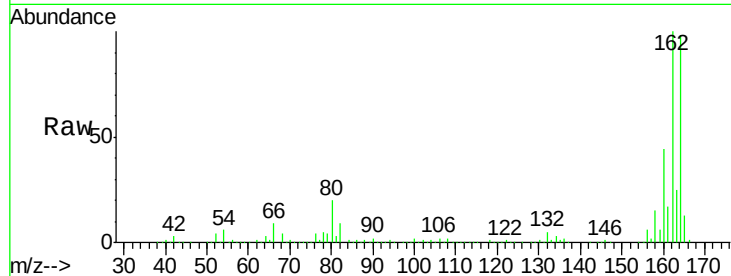
Tot Ion:164 Resp: 594070

Ion Ratio Lower Upper

164 100

162 102.5 84.9 127.3

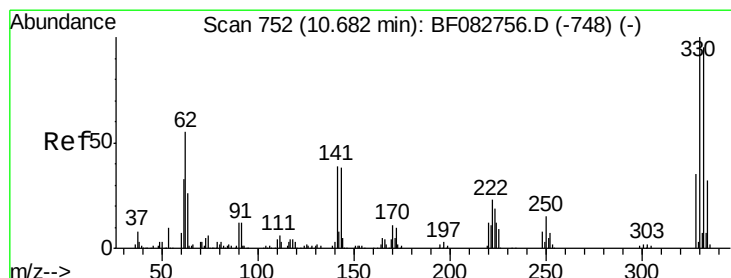
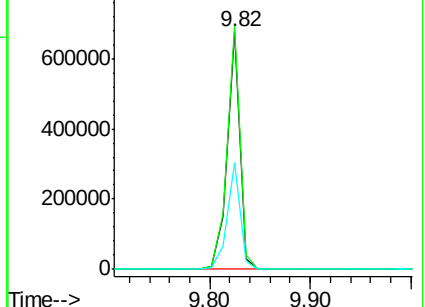
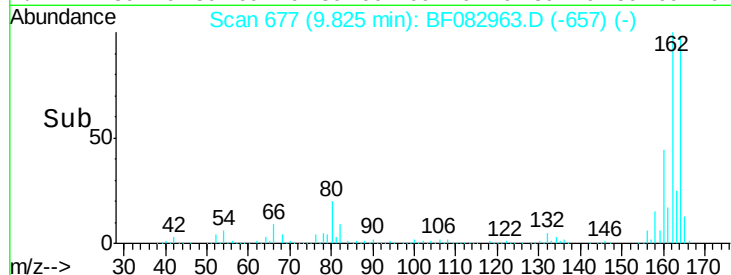
160 44.8 37.5 56.3



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: 52.14 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

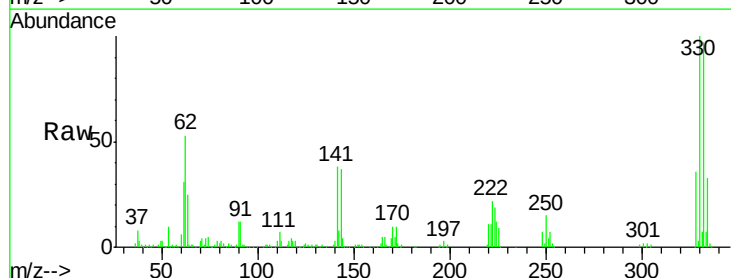
Tgt Ion:330 Resp: 355168

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

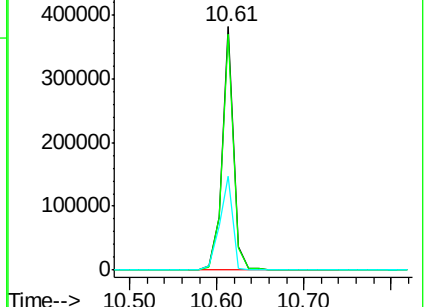
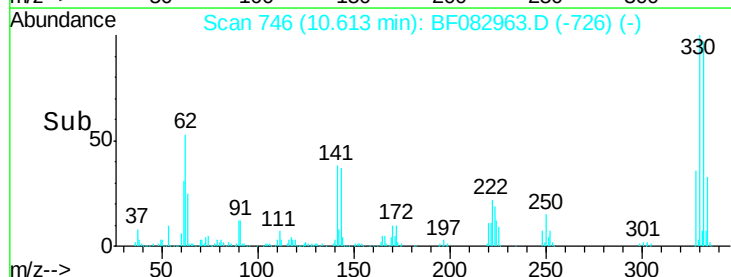
141 44.0 41.2 61.8

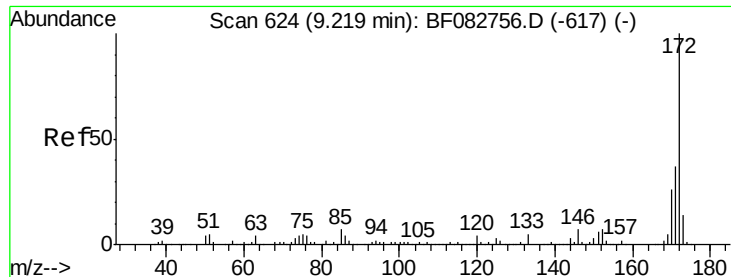


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

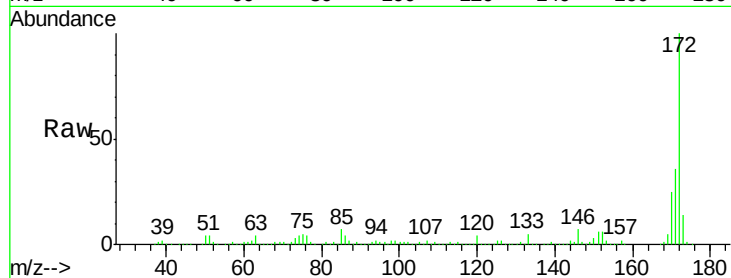




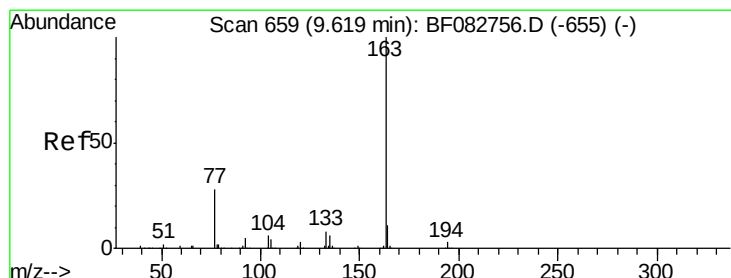
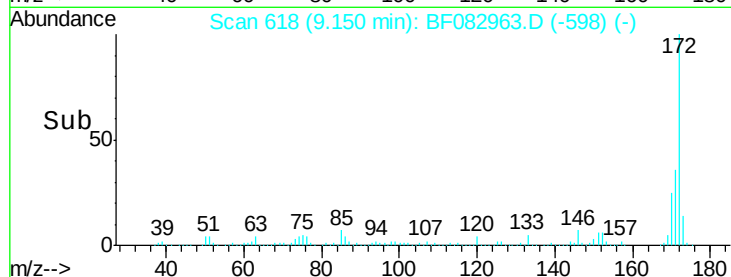
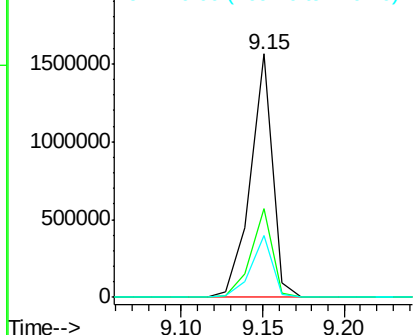
#44
2-Fluorobiphenyl
Concen: 35.30 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FT

Tot Ion:172 Resp: 1463292
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 25.2 21.2 31.8

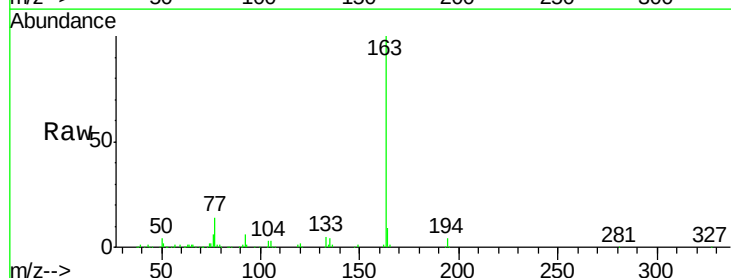


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

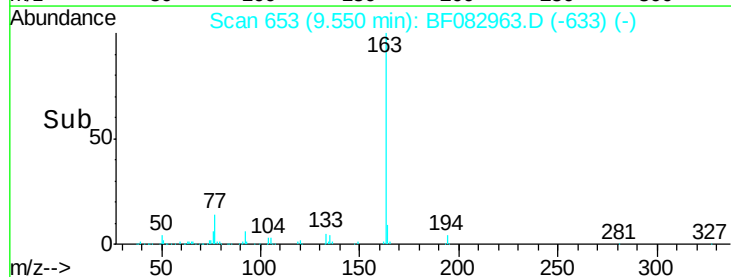
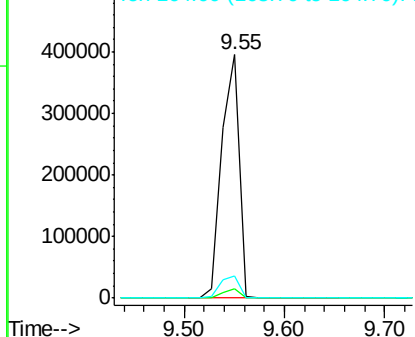


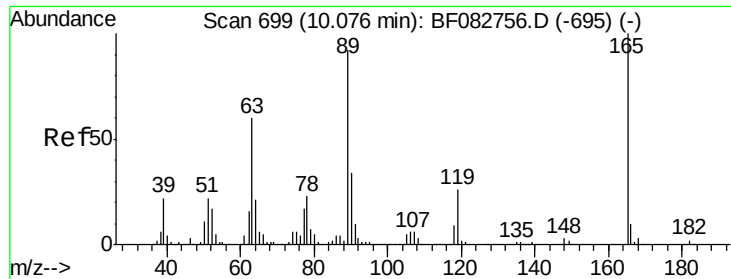
#49
Dimethylphthalate
Concen: 9.80 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.07 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

Tgt Ion:163 Resp: 476857
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.2 8.7 13.1



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

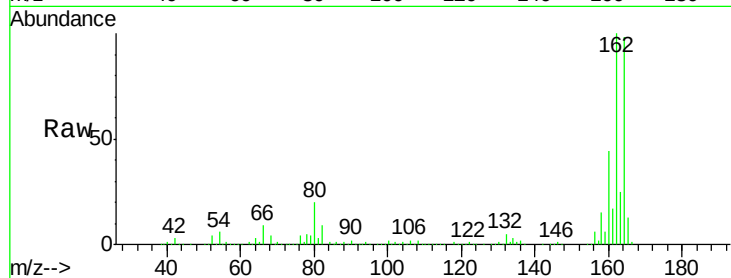




#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.25 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FT

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

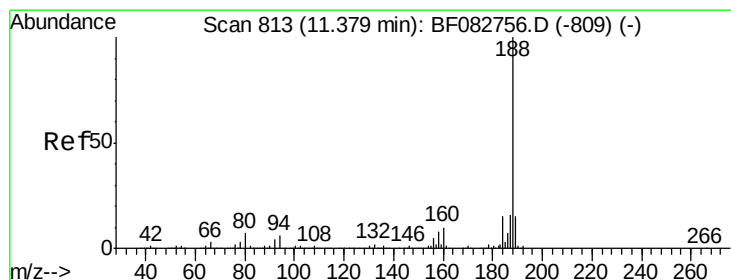
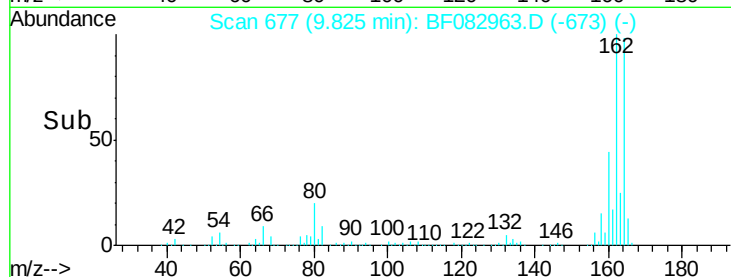
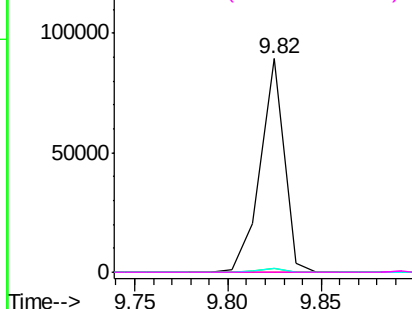


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

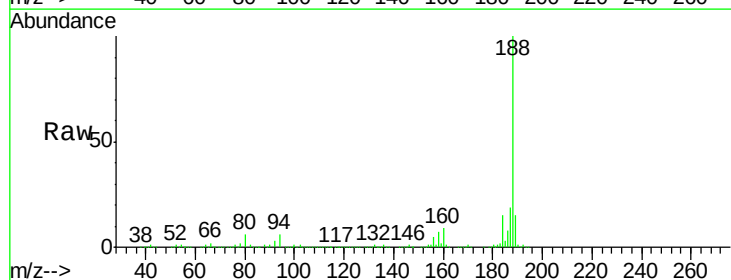
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082963.D
Acq: 17 Nov 2015 8:56

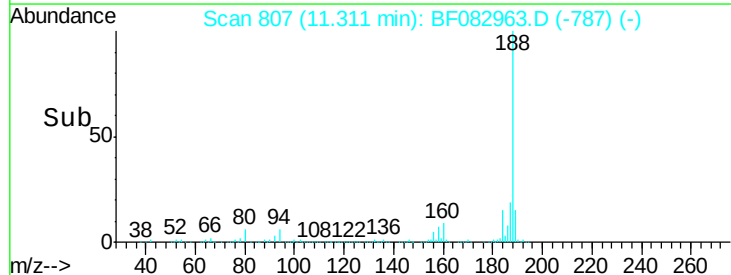
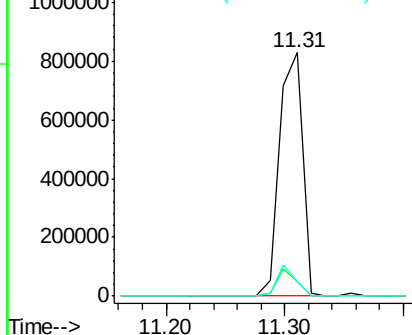
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.1	9.1#
80	6.0	7.0	10.6#

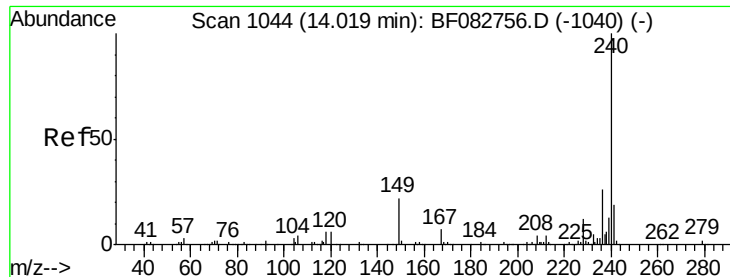


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

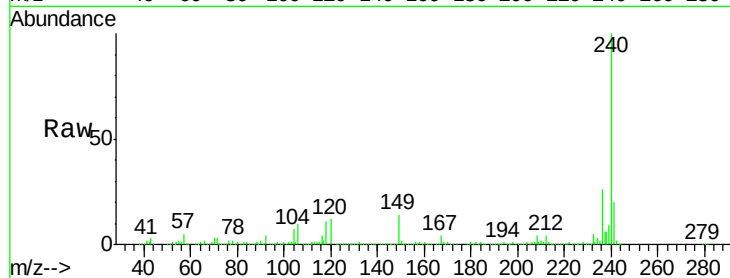
Tot Ion:240 Resp: 960312

Ion Ratio Lower Upper

240 100

120 12.2 10.9 16.3

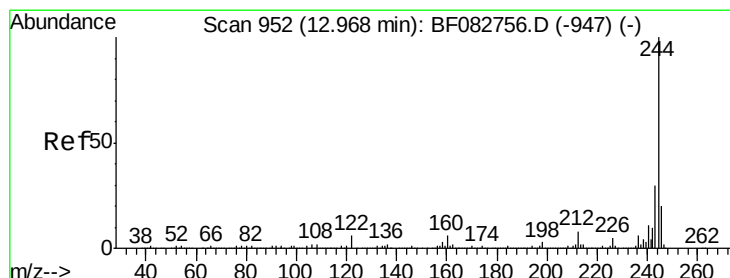
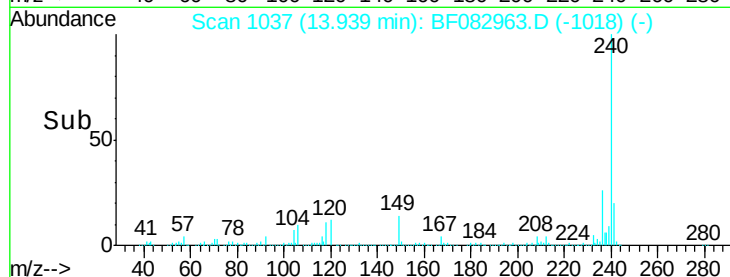
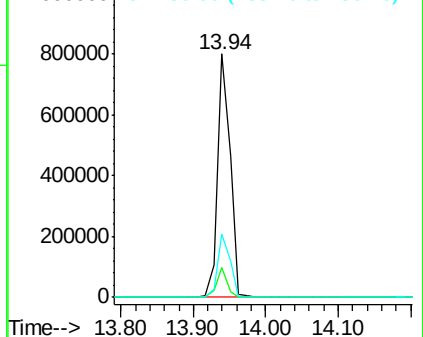
236 25.8 21.6 32.4



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: 38.99 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

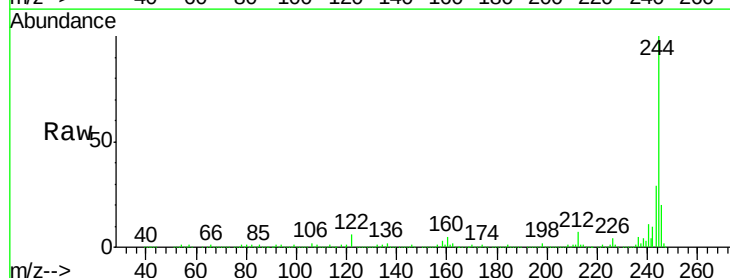
Tgt Ion:244 Resp: 1578600

Ion Ratio Lower Upper

244 100

212 6.8 7.6 11.4#

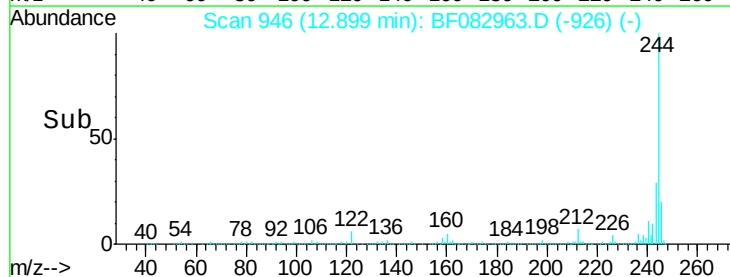
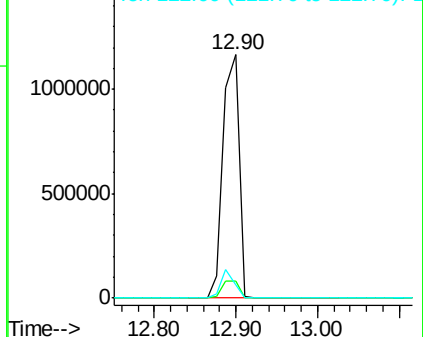
122 5.5 11.3 16.9#

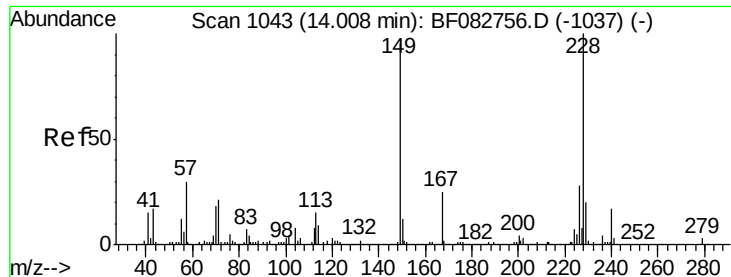


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.49 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

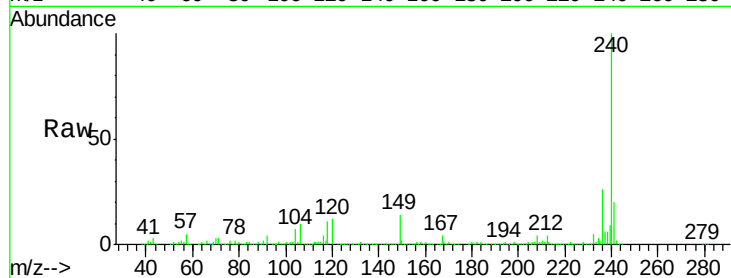
Tot Ion:149 Resp: 99476

Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

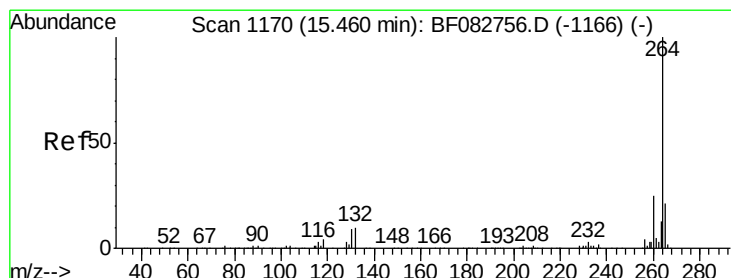
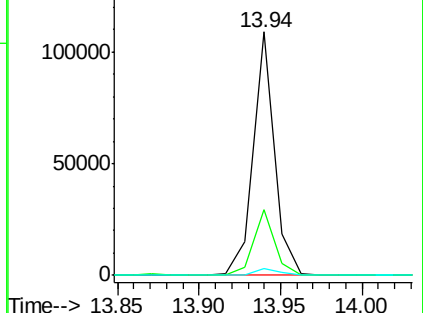
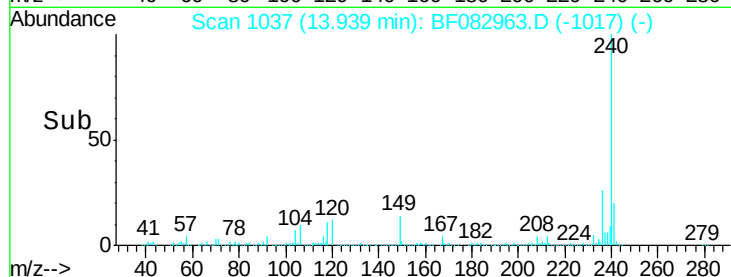
279 2.6 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082963.D

Acq: 17 Nov 2015 8:56

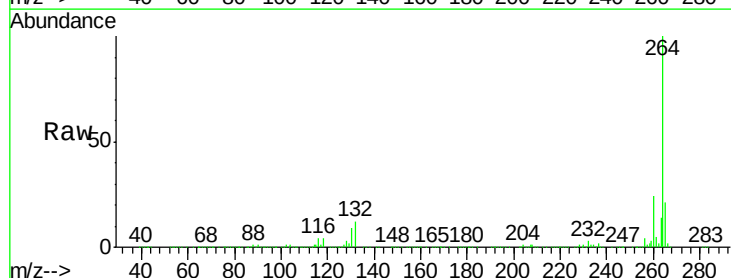
Tgt Ion:264 Resp: 854748

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 21.0 17.4 26.0



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

