

Data Path : Z:\HPCHEM1\BNA F\Data\BF012017\
 Data File : BF092367.D
 Acq On : 20 Jan 2017 12:30
 Operator : UM/SJ
 Sample : I1260-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Quant Time: Jan 20 13:22:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

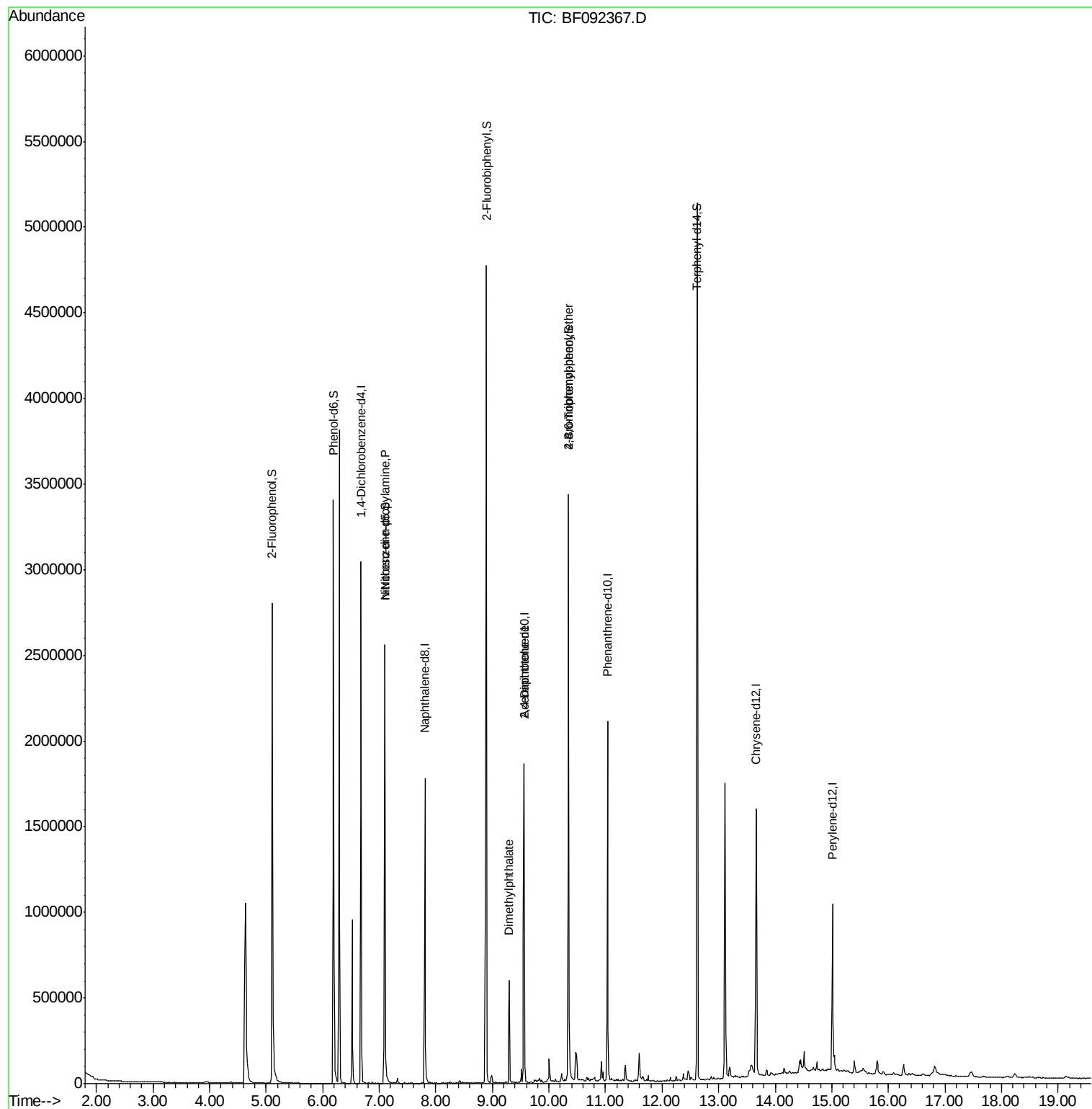
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	548786	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	927532	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	478128	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	761643	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	576140	20.00	ng	-0.12
86) Perylene-d12	15.01	264	446325	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1194799	36.35	ng	-0.13
7) Phenol-d6	6.19	99	1304656	32.51	ng	-0.12
23) Nitrobenzene-d5	7.10	82	1330427	79.76	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	436172	110.23	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	2231686	97.54	ng	-0.11
78) Terphenyl-d14	12.62	244	1713089	72.11	ng	-0.12
Target Compounds						
9) Benzaldehyde	6.19	77	2592	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.10	70	171136	6.41 ng	#	70
37) 2-Methylnaphthalene	8.54	142	1990	Below Cal		95
49) Dimethylphthalate	9.30	163	279313	9.13 ng		99
56) 2,4-Dinitrotoluene	9.56	165	62339	7.42 ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	28953	3.65 ng	#	1
71) Anthracene	11.06	178	8885	Below Cal		96
73) Di-n-butylphthalate	11.62	149	3446	Below Cal	#	93
74) Fluoranthene	12.24	202	13422	Below Cal		98
76) Benzydine	12.39	184	958	Below Cal	#	65

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

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

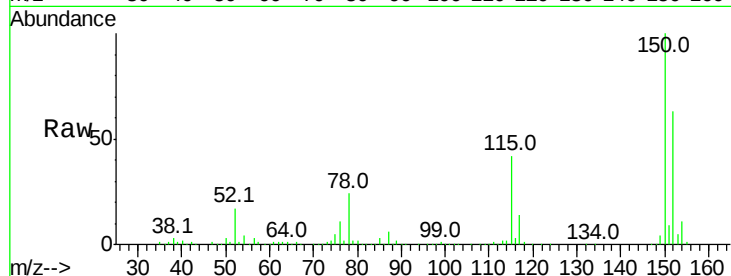
Tot Ion:152 Resp: 548786

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

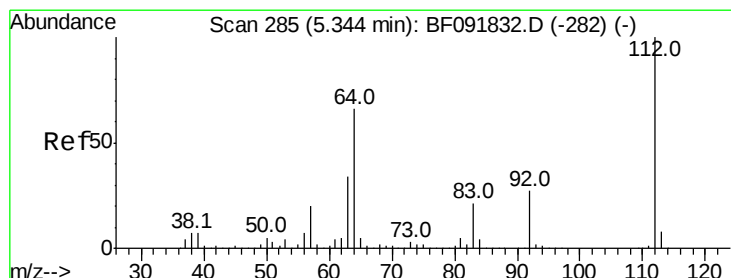
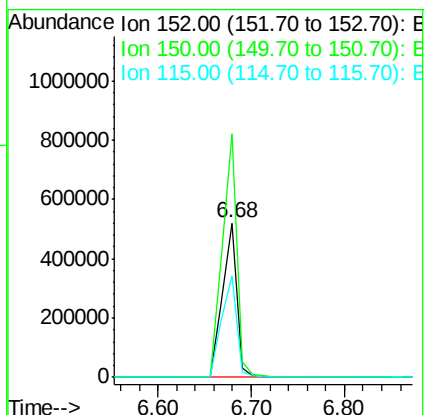
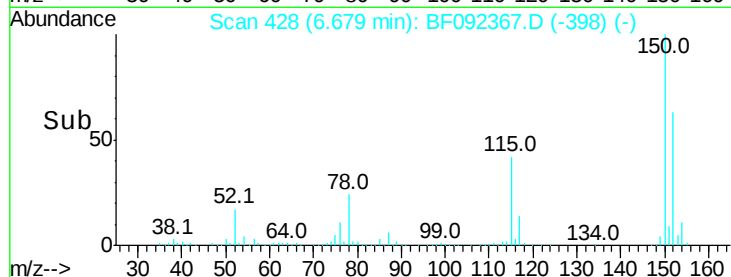
115 65.8 46.0 69.0



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: 36.35 ng

RT: 5.10 min Scan# 290

Delta R.T. -0.13 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

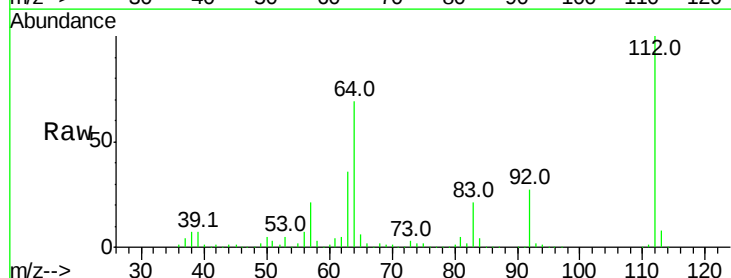
Tgt Ion:112 Resp: 1194799

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

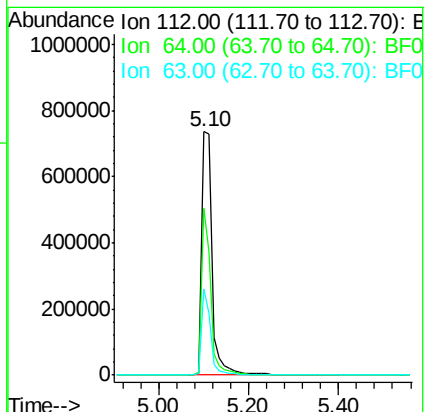
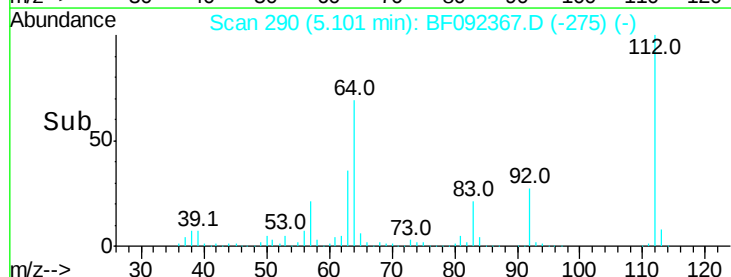
63 35.6 23.8 35.6



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: 32.51 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

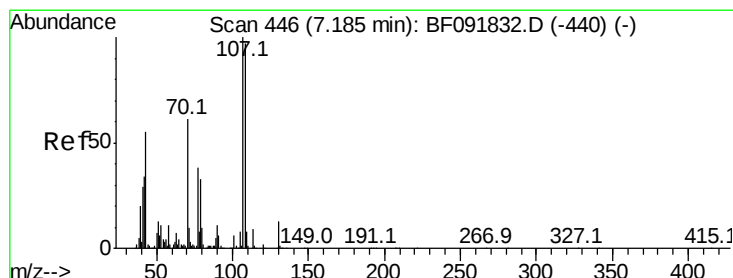
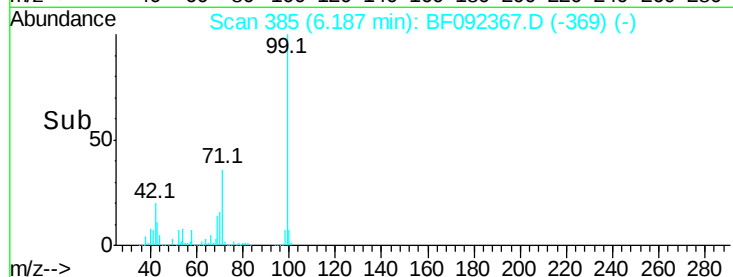
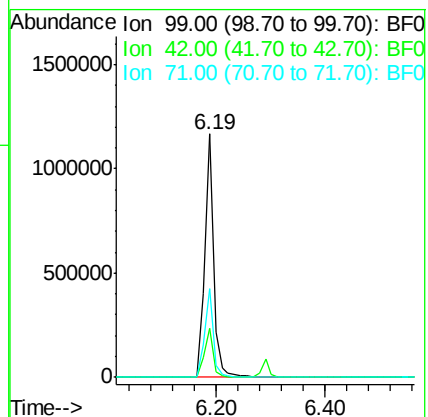
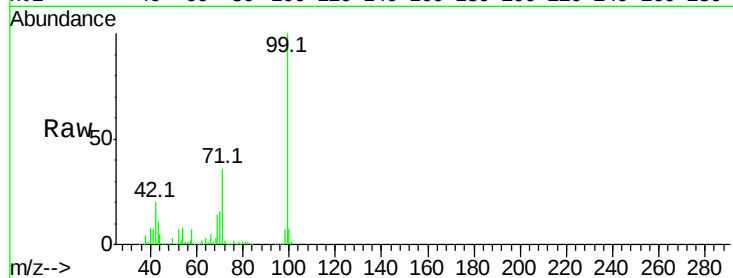
Tot Ion: 99 Resp: 1304656

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

71 36.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 6.41 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Tgt Ion: 70 Resp: 171136

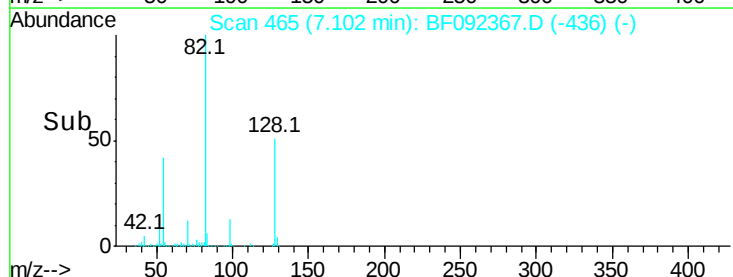
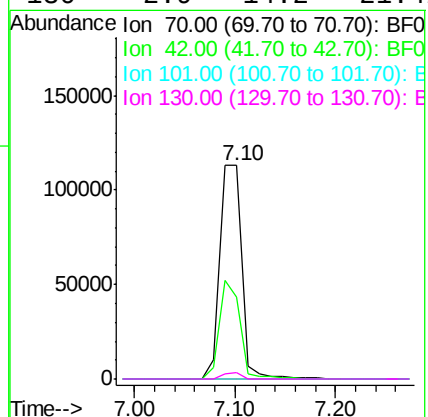
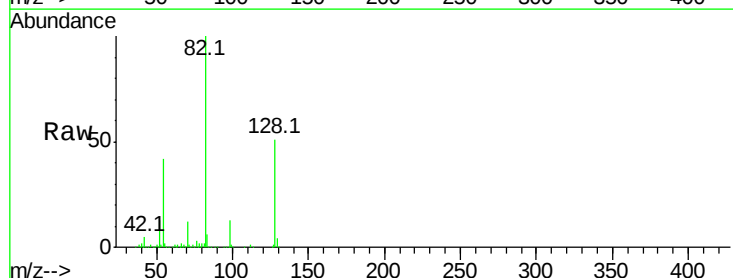
Ion Ratio Lower Upper

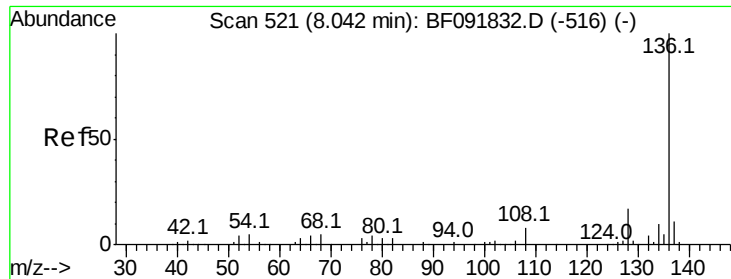
70 100

42 38.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.9 14.2 21.4#

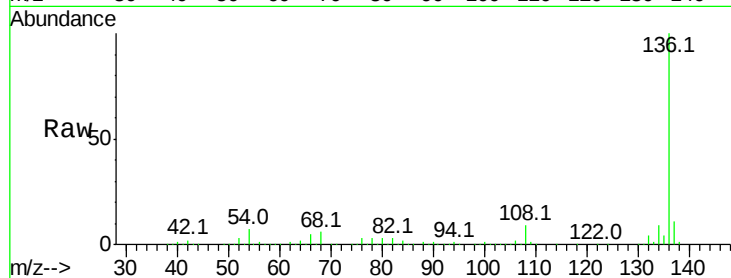




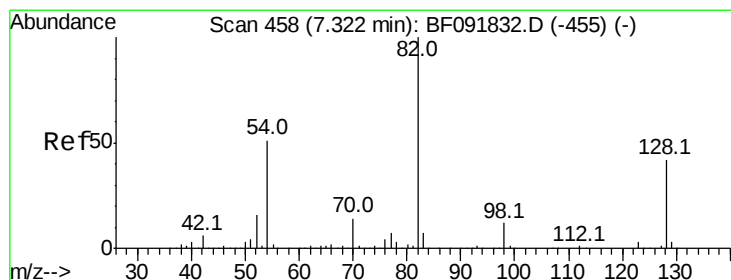
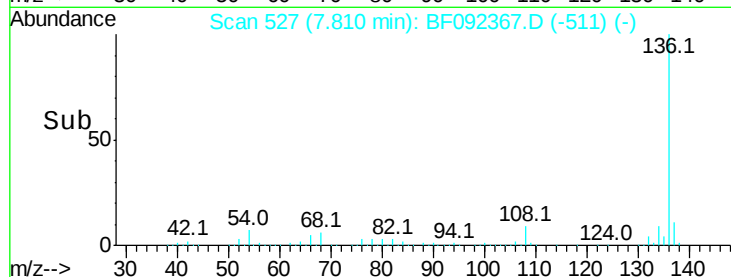
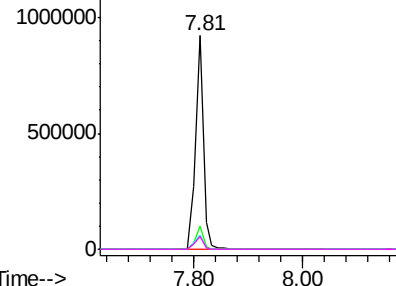
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tot Ion:	136	Resp:	927532
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.7	4.5	6.7#
68	5.8	3.6	5.4#

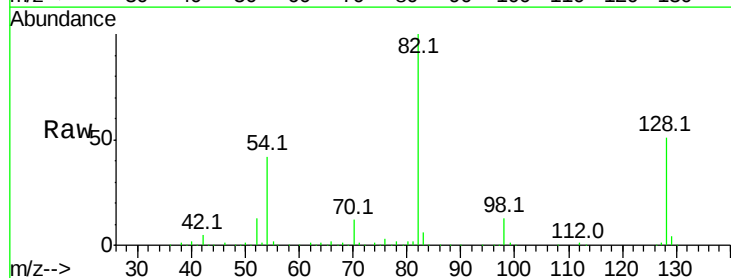


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

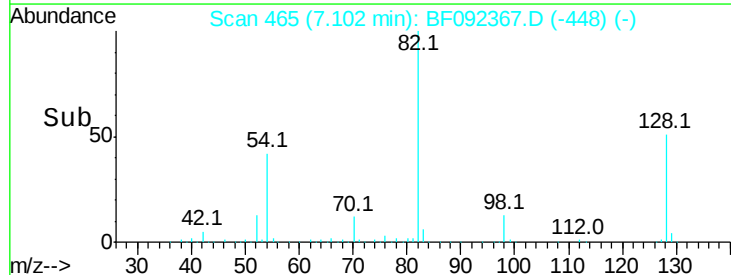
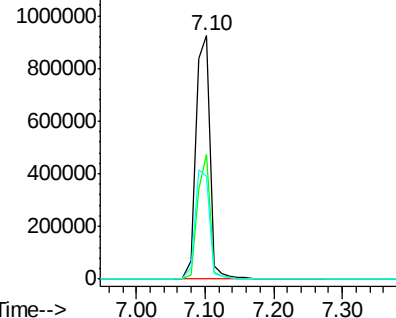


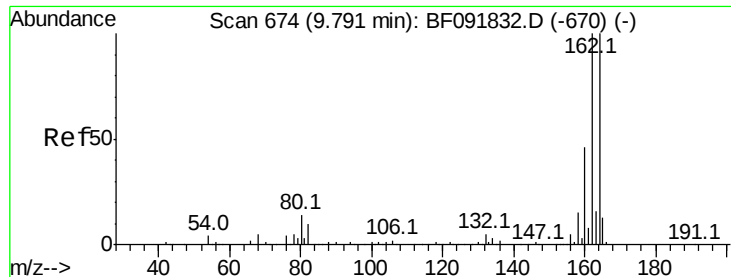
#23
Nitrobenzene-d5
Concen: 79.76 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Tgt Ion:	82	Resp:	1330427
Ion	Ratio	Lower	Upper
82	100		
128	51.2	34.6	52.0
54	42.3	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

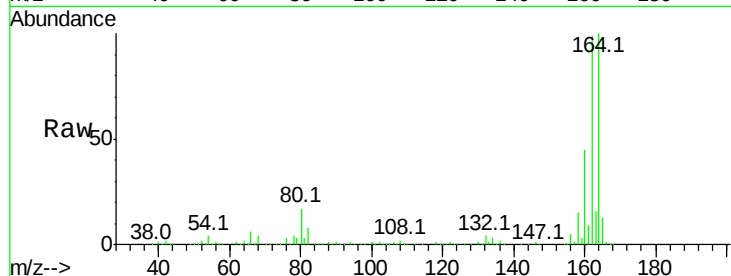
Tot Ion:164 Resp: 478128

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

160 44.7 36.9 55.3

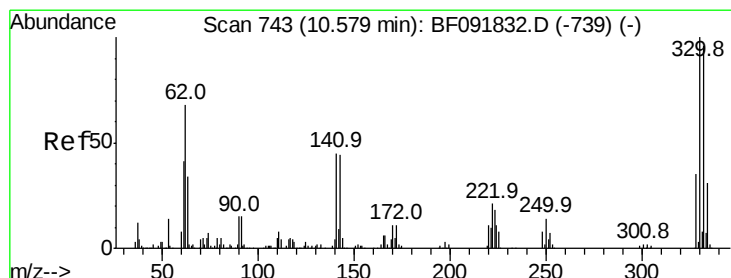
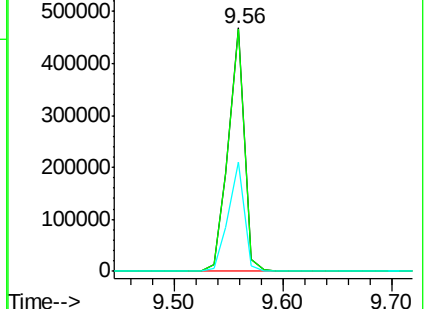
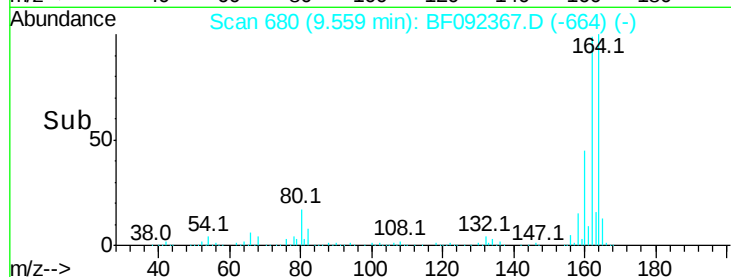


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 110.23 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

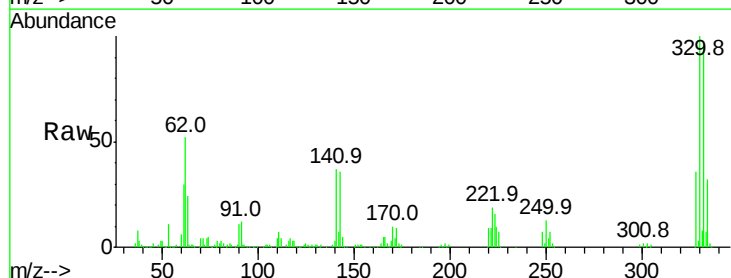
Tgt Ion:330 Resp: 436172

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

141 39.8 34.1 51.1

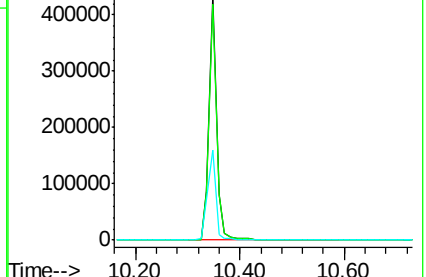
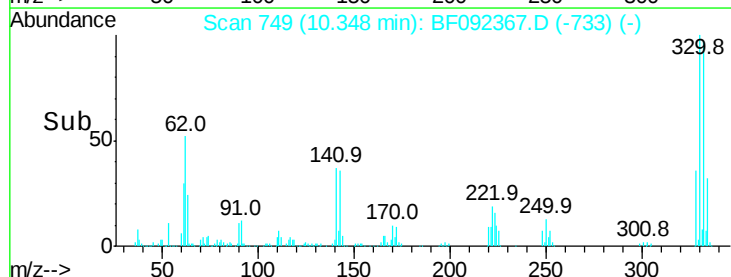


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

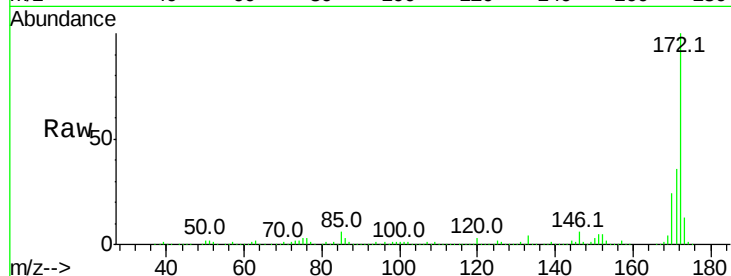




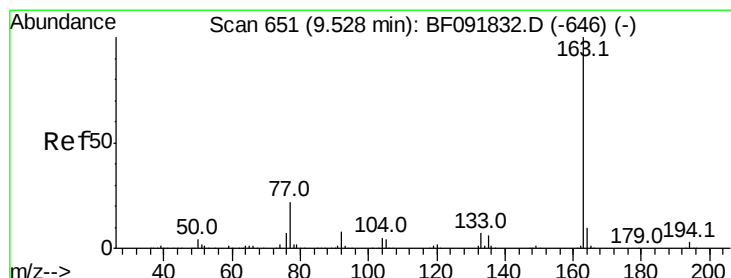
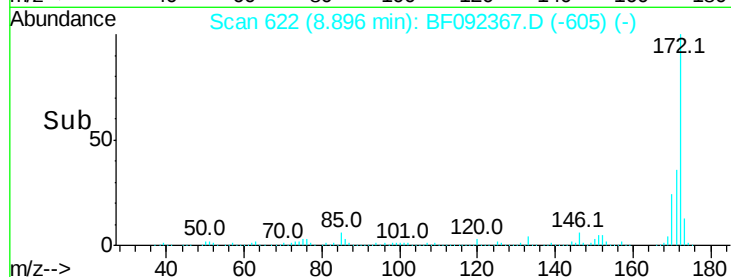
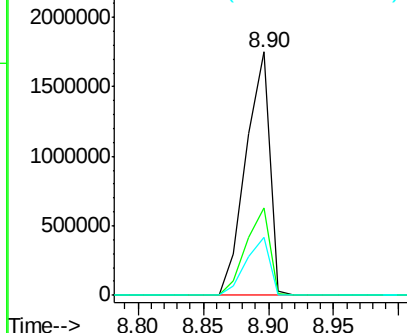
#44
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tot Ion:172 Resp: 2231686
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.9 20.2 30.4

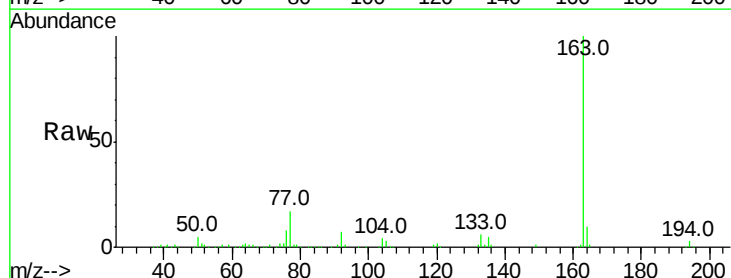


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

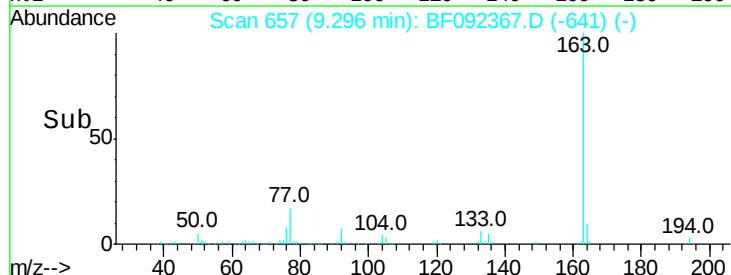
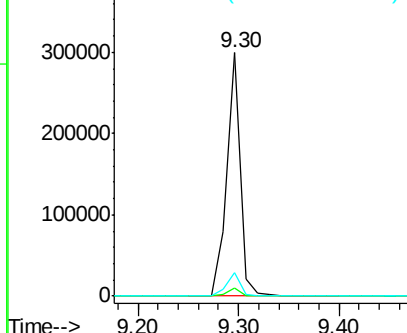


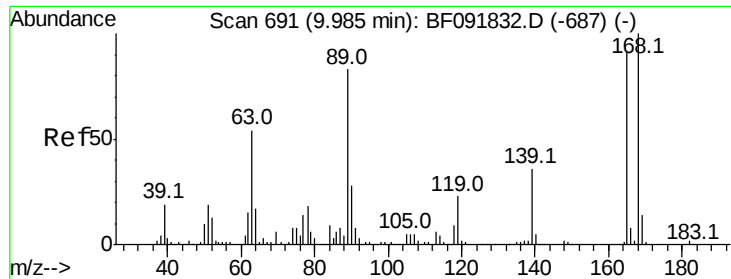
#49
Dimethylphthalate
Concen: 9.13 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Tgt Ion:163 Resp: 279313
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.6 8.0 12.0



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

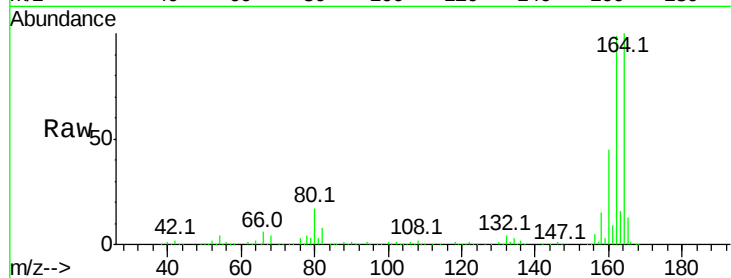




#56
 2,4-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.33 min
 Lab File: BF092367.D
 Acq: 20 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

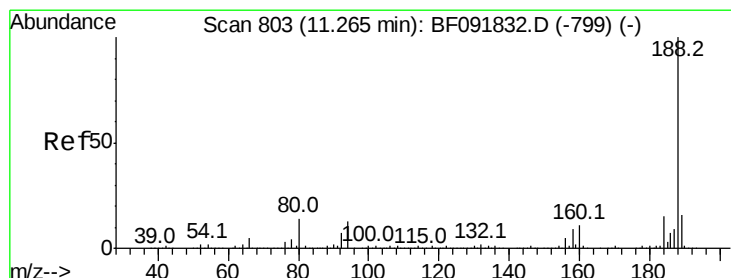
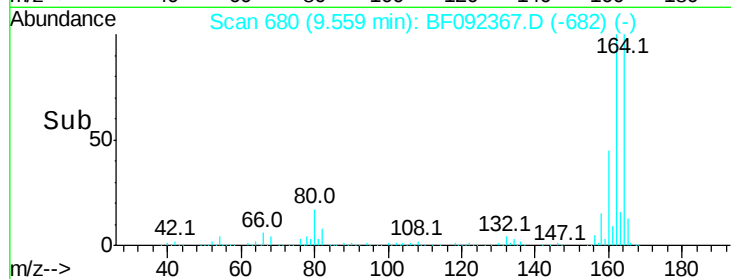
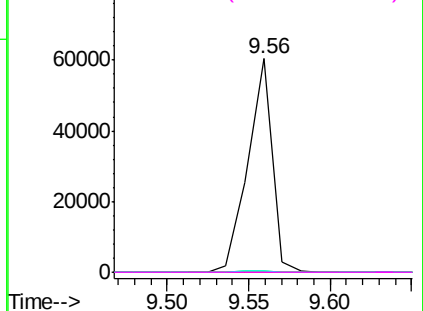


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

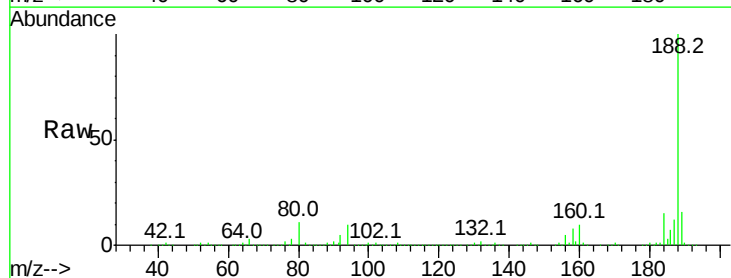
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 809
 Delta R.T. -0.12 min
 Lab File: BF092367.D
 Acq: 20 Jan 2017 12:30

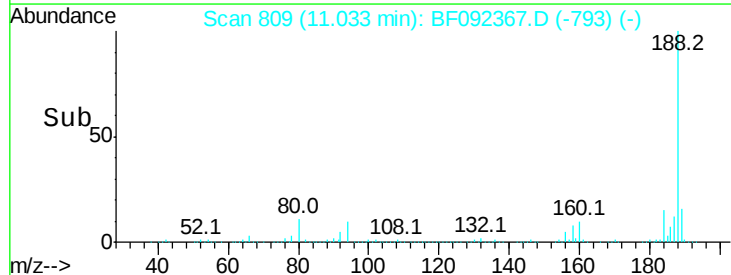
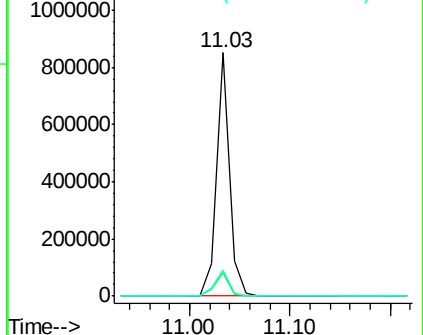
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.7	11.2	16.8#

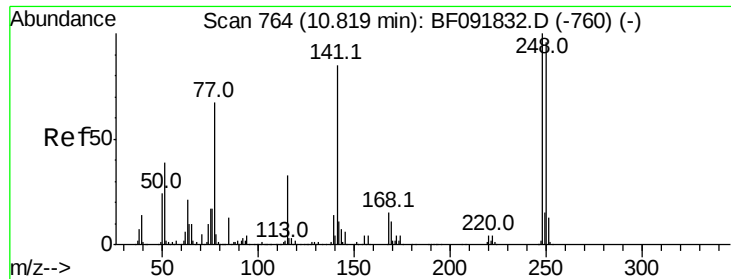


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

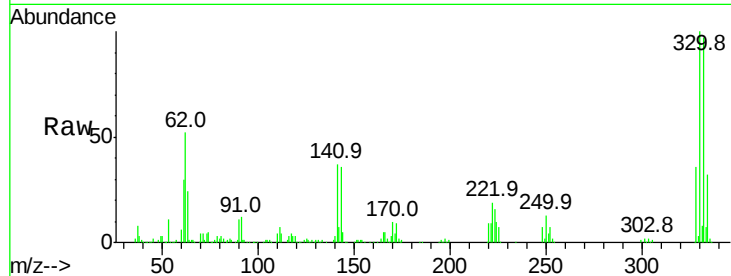




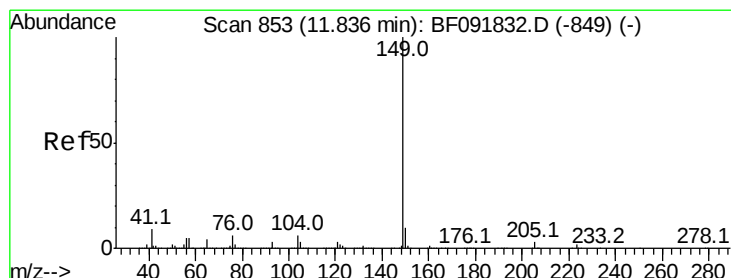
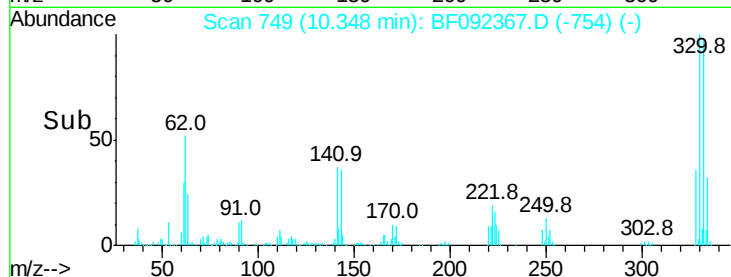
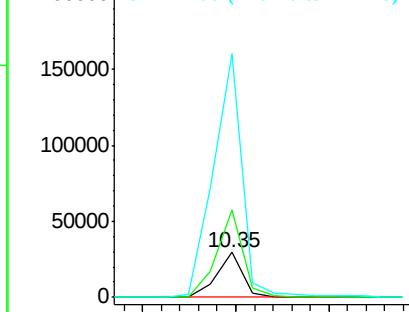
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.36 min
 Lab File: BF092367.D
 Acq: 20 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Tot Ion:248 Resp: 28953
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 542.0 68.2 102.4#

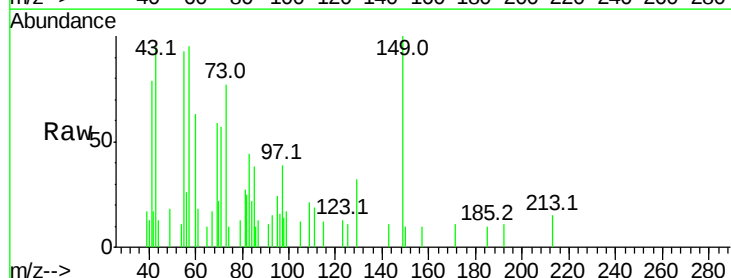


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

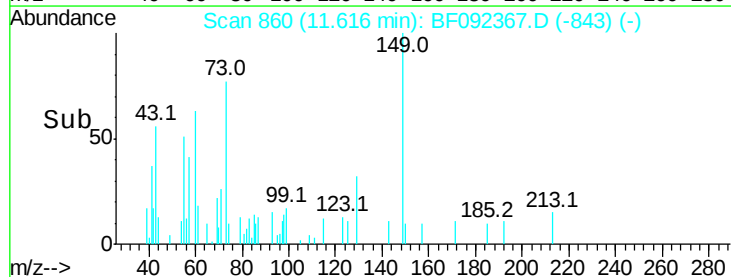
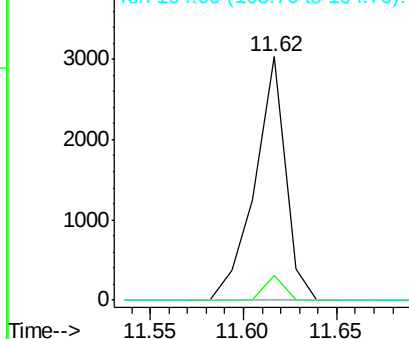


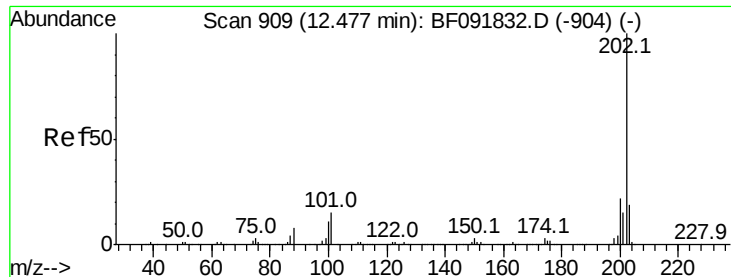
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.62 min Scan# 860
 Delta R.T. -0.11 min
 Lab File: BF092367.D
 Acq: 20 Jan 2017 12:30

Tgt Ion:149 Resp: 3446
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.24 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

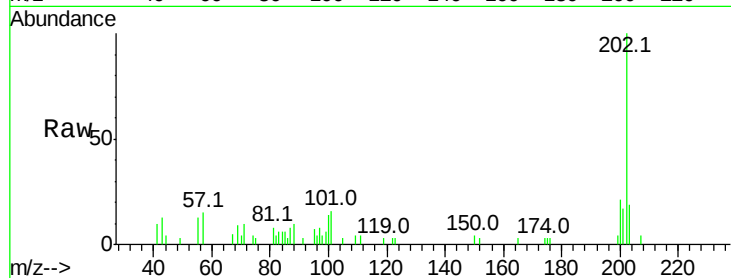
Tot Ion:202 Resp: 13422

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.6

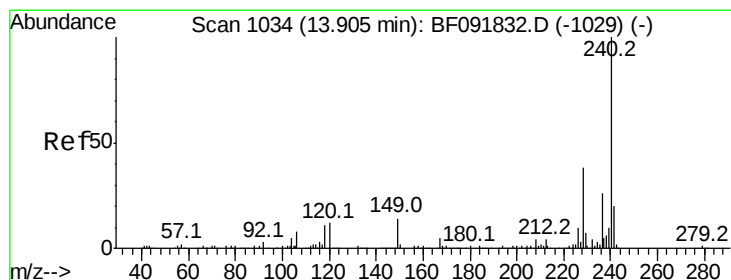
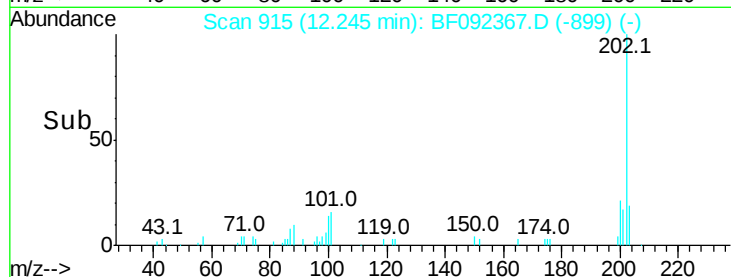
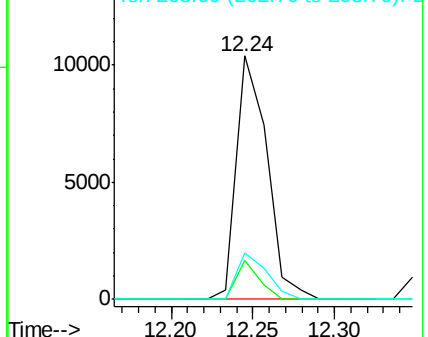
203 19.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

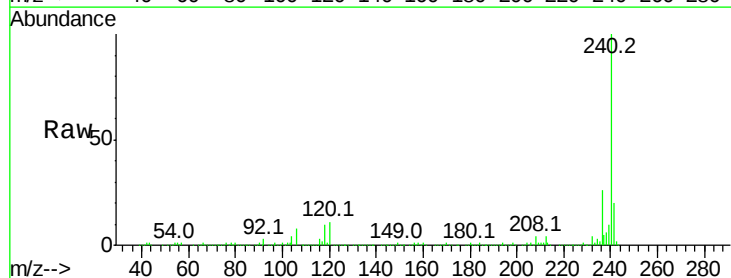
Tgt Ion:240 Resp: 576140

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

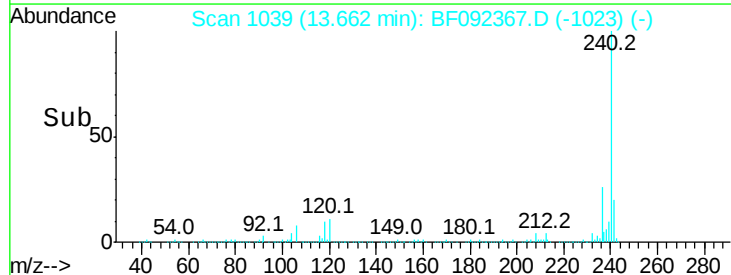
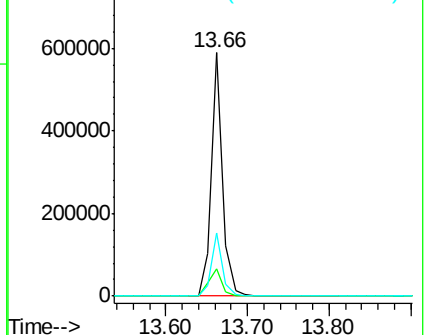
236 25.7 20.9 31.3

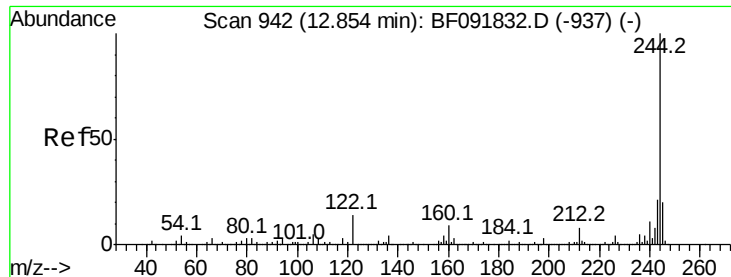


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.11 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

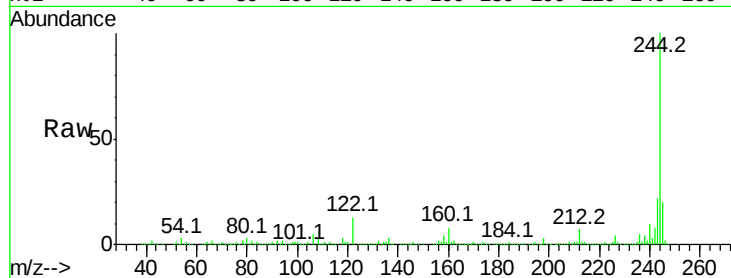
Tot Ion:244 Resp: 1713089

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

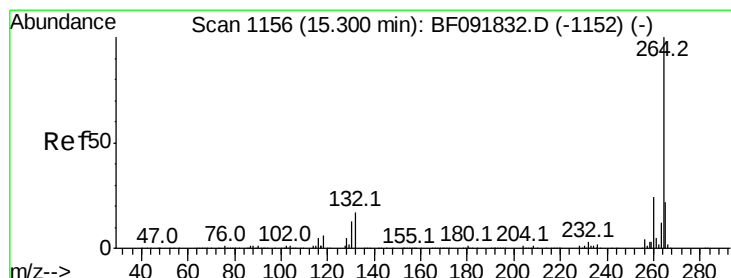
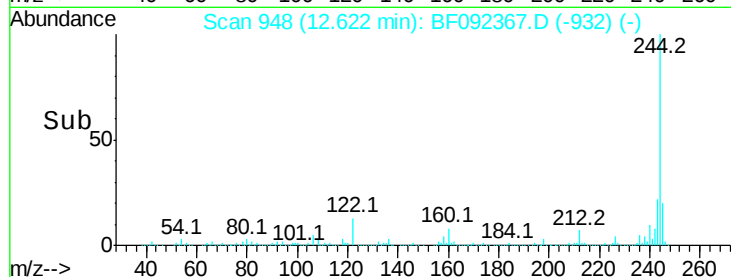
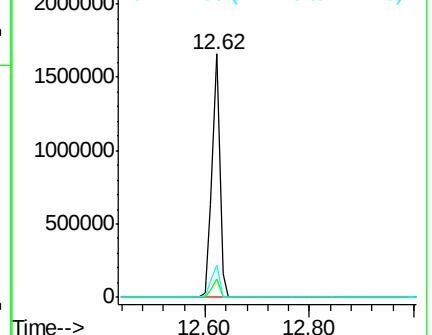
122 13.4 11.4 17.2



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: 15.01 min Scan# 1157

Delta R.T. -0.13 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

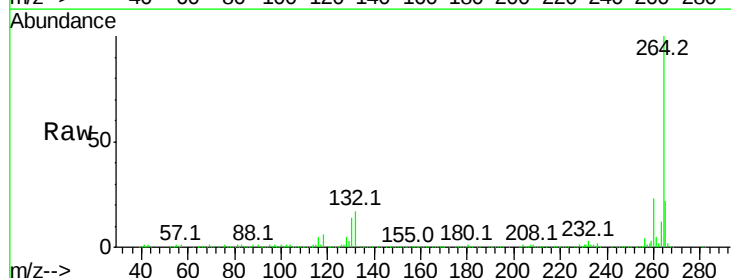
Tgt Ion:264 Resp: 446325

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 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

