

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092355.D
 Acq On : 18 Jan 2017 17:07
 Operator : UM/SJ
 Sample : I1260-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 19 00:02:30 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	6.70	152	589129	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	541724	20.00	ng	-0.10
38) Acenaphthene-d10	9.57	164	276415	20.00	ng	-0.11
63) Phenanthrene-d10	11.06	188	436073	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	275121	20.00	ng	-0.10
86) Perylene-d12	15.03	264	252612	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1232424	34.93	ng	-0.10
7) Phenol-d6	6.21	99	1275566	29.61	ng	-0.10
23) Nitrobenzene-d5	7.11	82	915761	94.00	ng	-0.10
41) 2,4,6-Tribromophenol	10.37	330	382830	167.35	ng	-0.10
44) 2-Fluorobiphenyl	8.91	172	1639496	128.06	ng	-0.10
78) Terphenyl-d14	12.65	244	1495389	131.82	ng	-0.10

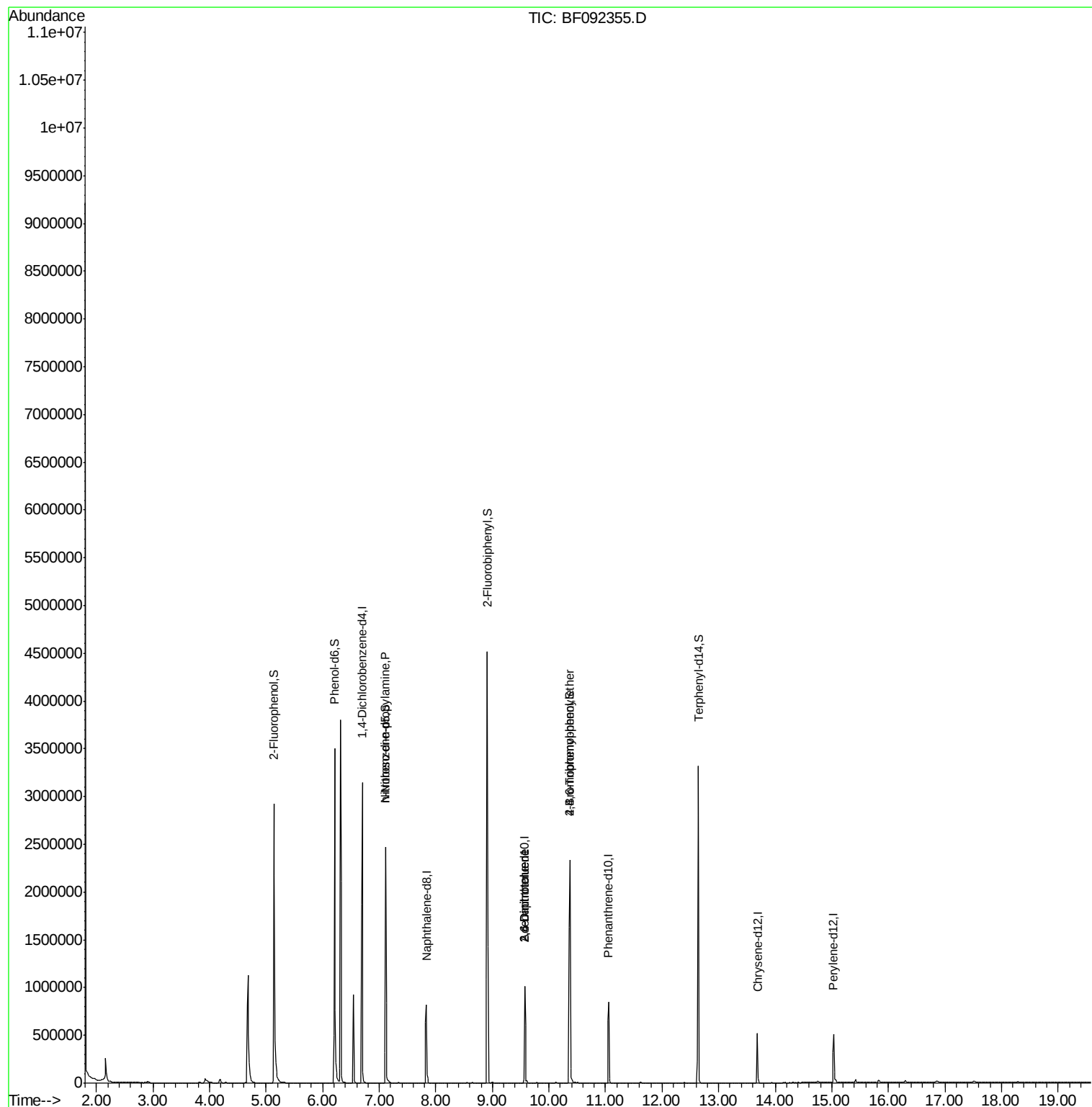
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.21	77	1782	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	122041	4.26	ng	77
37) 2-Methylnaphthalene	8.55	142	4967	Below Cal		93
50) 2,6-Dinitrotoluene	9.57	165	35560	9.19	ng	30
56) 2,4-Dinitrotoluene	9.57	165	35563	7.32	ng	19
66) 4-Bromophenyl-phenylether	10.37	248	24145	5.32	ng	1
71) Anthracene	11.08	178	7634	Below Cal		98
73) Di-n-butylphthalate	11.63	149	3173	Below Cal	#	76
74) Fluoranthene	12.28	202	654	Below Cal		61

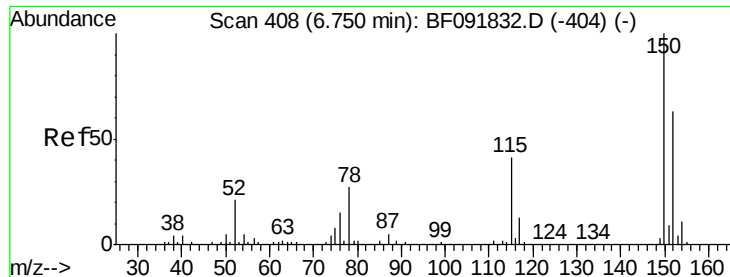
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.06 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

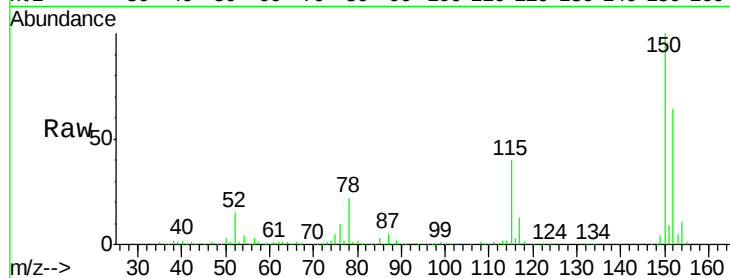
Tgt Ion:152 Resp: 589129

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

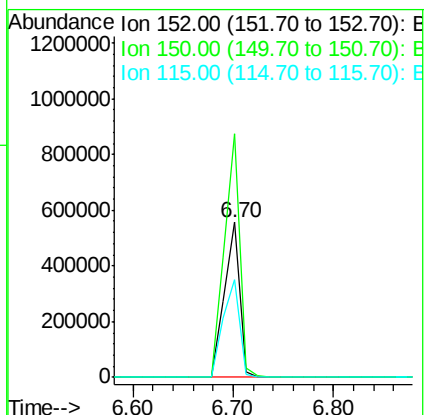
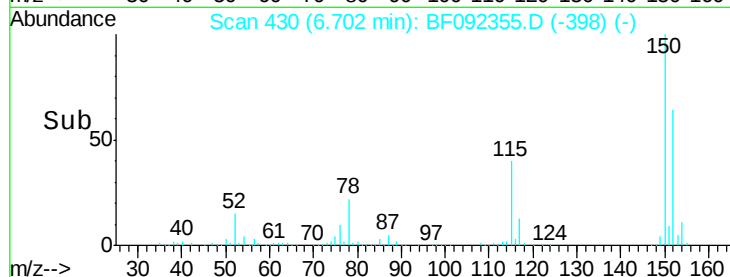
115 62.7 46.0 69.0



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: 34.93 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

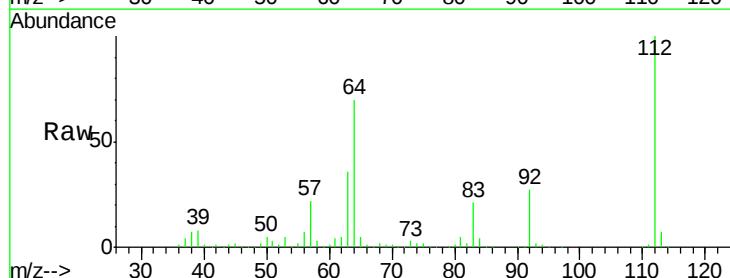
Tgt Ion:112 Resp: 1232424

Ion Ratio Lower Upper

112 100

64 70.4 46.1 69.1#

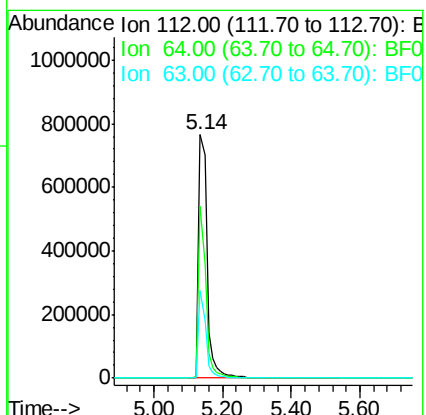
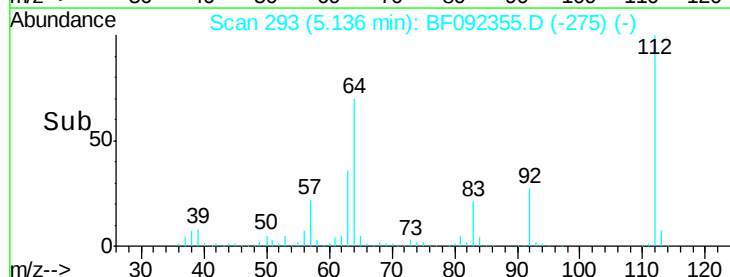
63 35.7 23.8 35.6#



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: 29.61 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

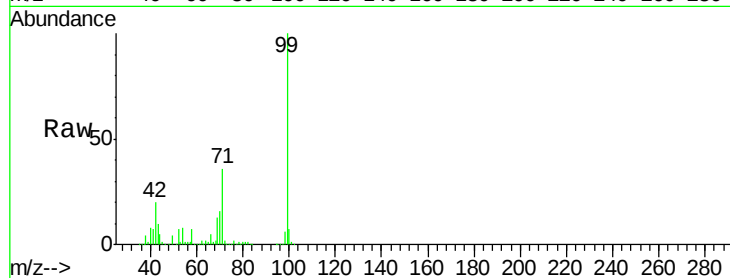
Tgt Ion: 99 Resp: 1275566

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

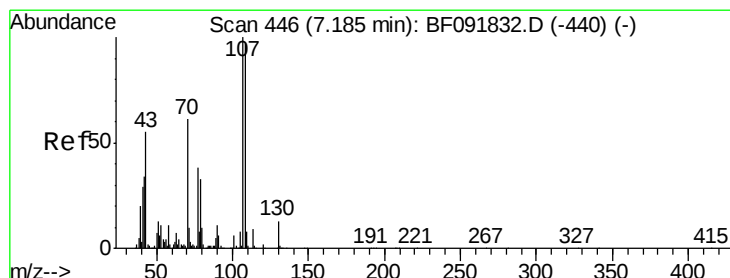
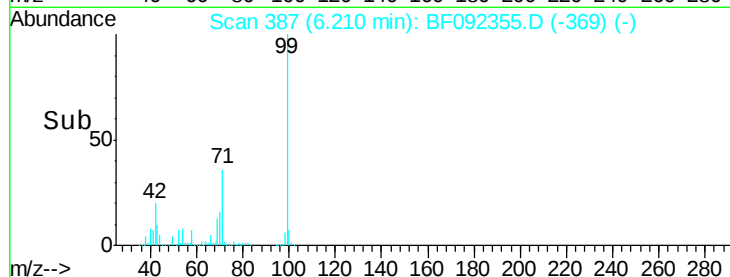
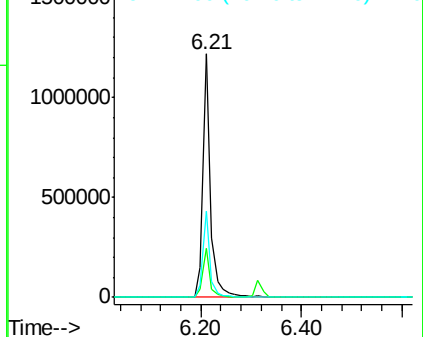
71 35.6 27.5 41.3



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: 4.26 ng

RT: 7.11 min Scan# 466

Delta R.T. 0.04 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Tgt Ion: 70 Resp: 122041

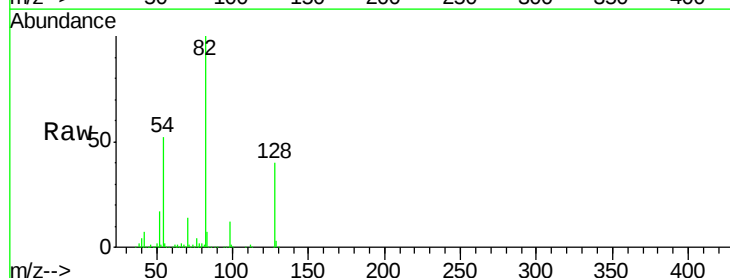
Ion Ratio Lower Upper

70 100

42 47.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

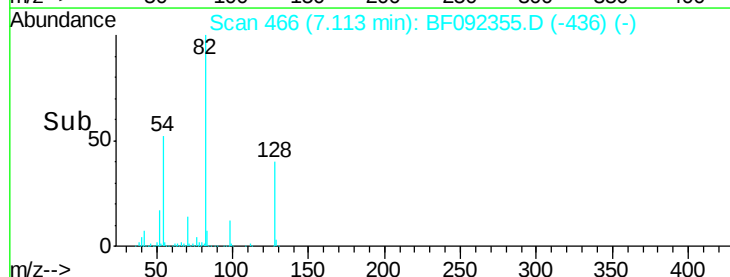
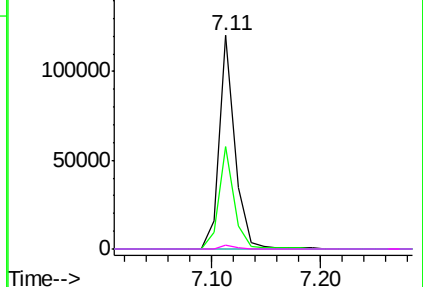


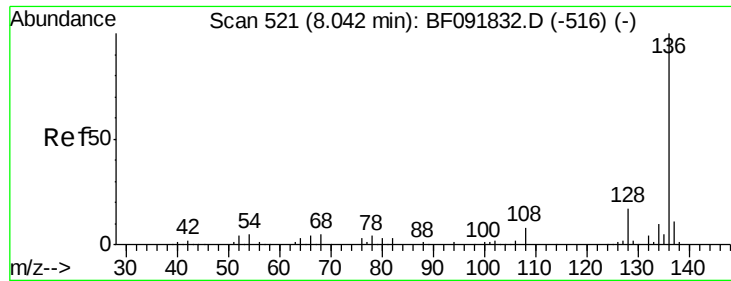
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

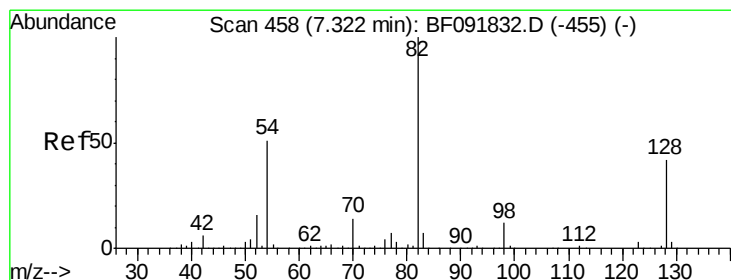
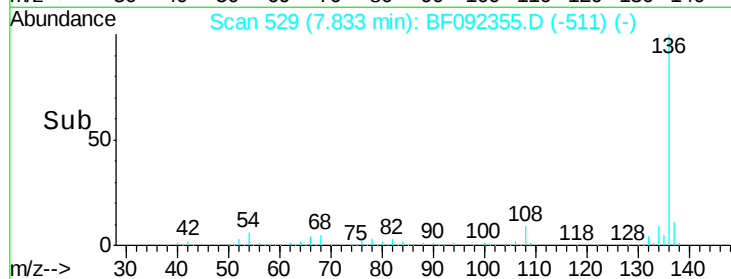
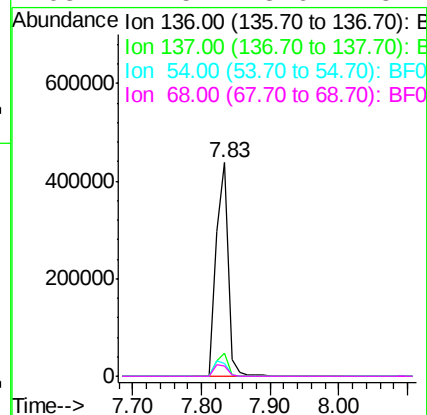
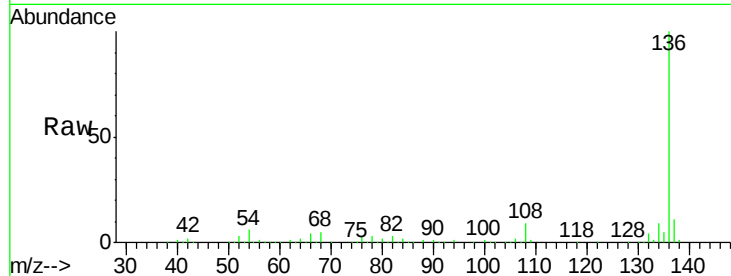




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092355.D
Acq: 18 Jan 2017 17:07

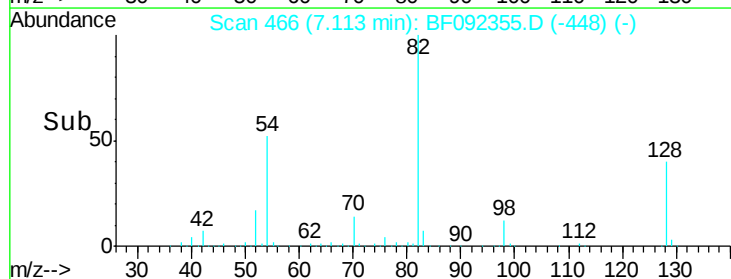
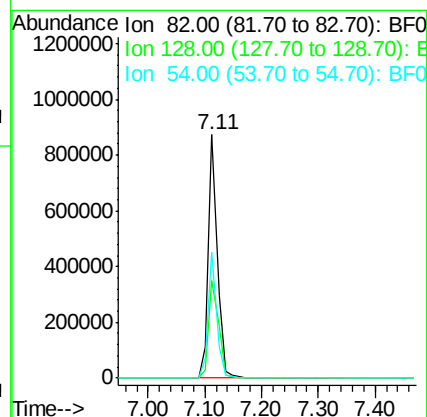
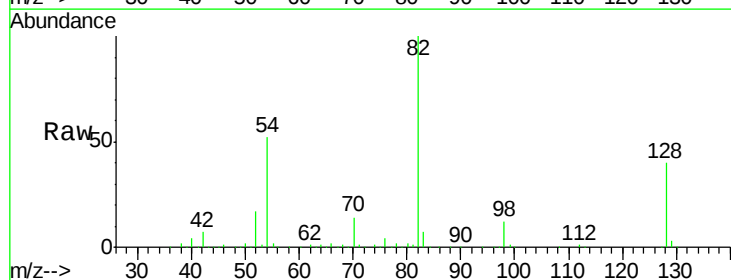
Instrument :
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ClientSampleId :
MH-0-12FT-COMP

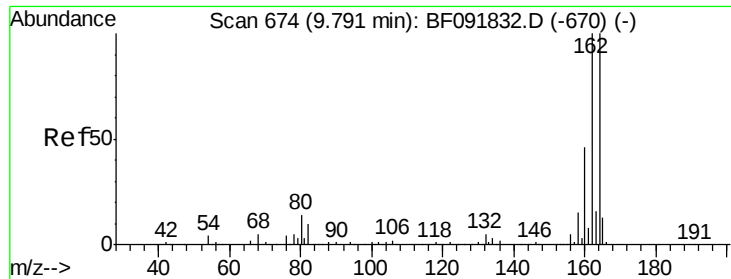
Tgt Ion:	136	Resp:	541724
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.1	4.5	6.7
68	4.5	3.6	5.4



#23
Nitrobenzene-d5
Concen: 94.00 ng
RT: 7.11 min Scan# 466
Delta R.T. -0.10 min
Lab File: BF092355.D
Acq: 18 Jan 2017 17:07

Tgt Ion:	82	Resp:	915761
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	51.7	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.11 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

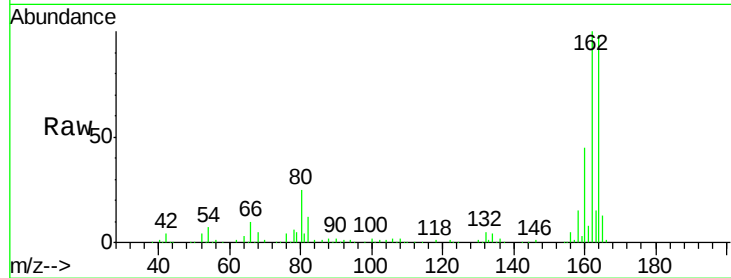
Tgt Ion:164 Resp: 276415

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

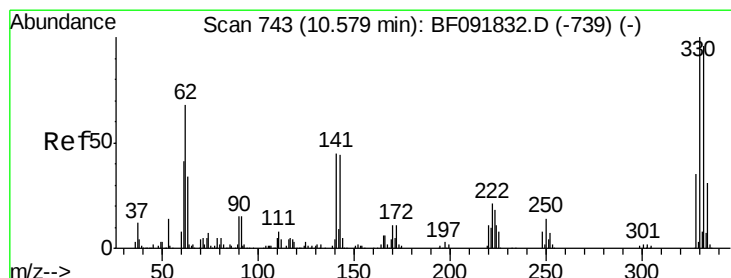
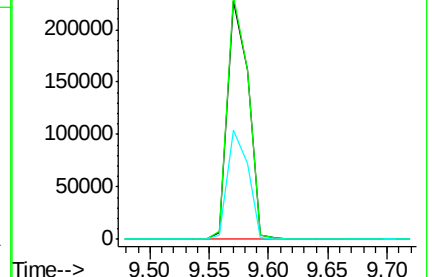
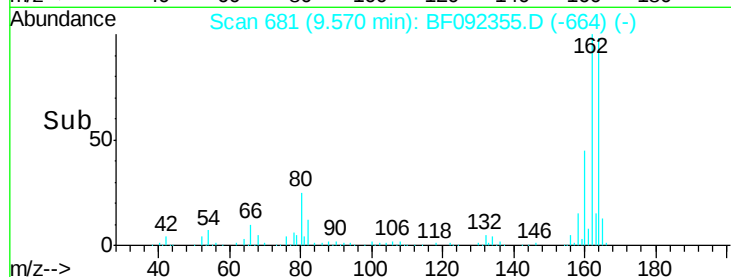
160 45.6 36.9 55.3



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: 167.35 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.10 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

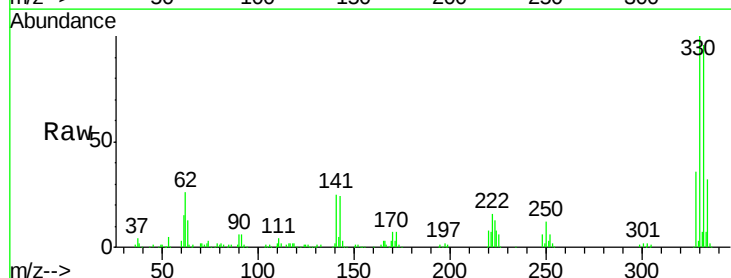
Tgt Ion:330 Resp: 382830

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

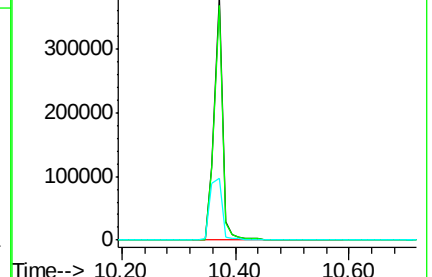
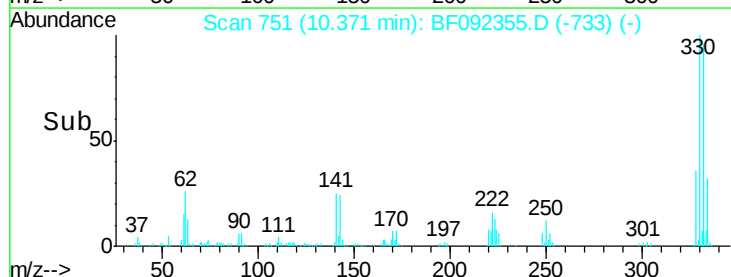
141 36.3 34.1 51.1

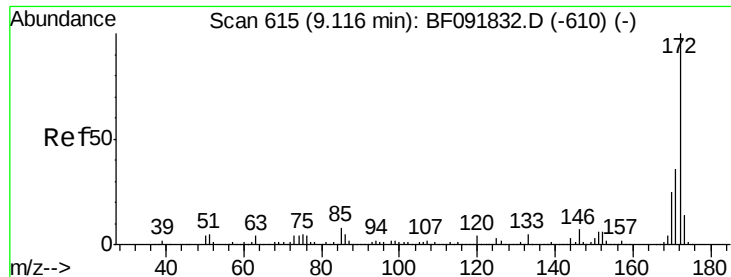


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

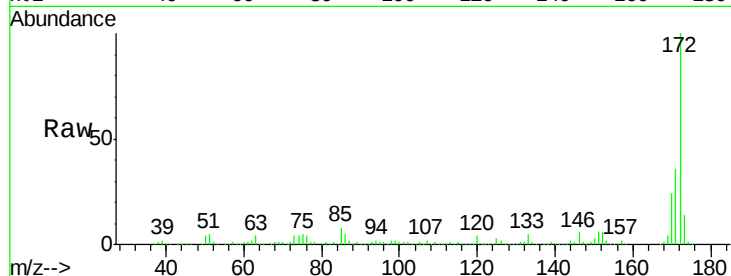




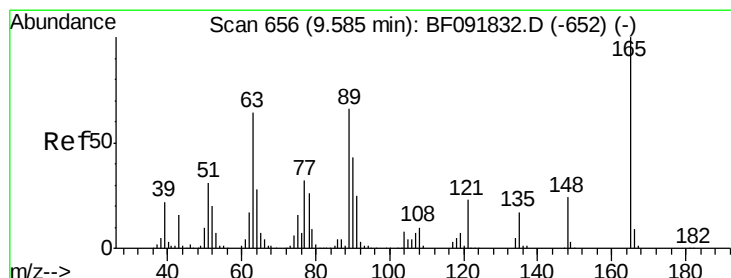
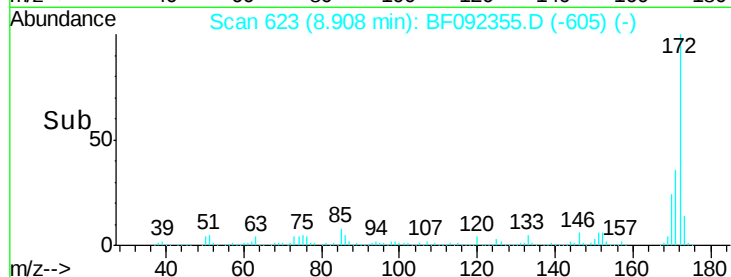
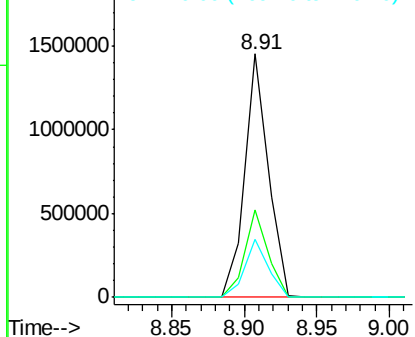
#44
 2-Fluorobiphenyl
 Concen: 128.06 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.10 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Instrument :
 BNA_F
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Tgt Ion:172 Resp: 1639496
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.8 20.2 30.4

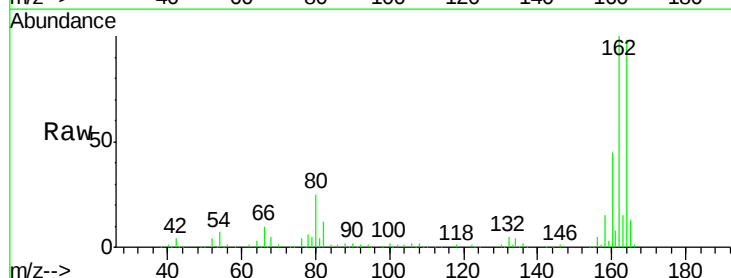


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

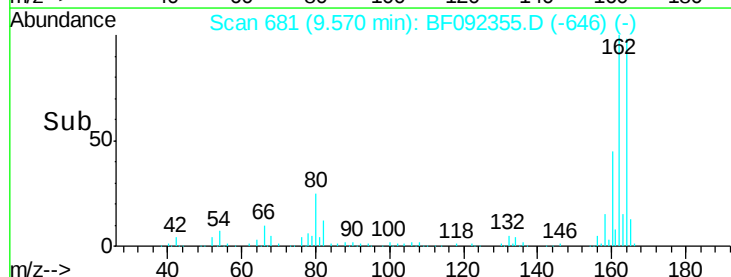
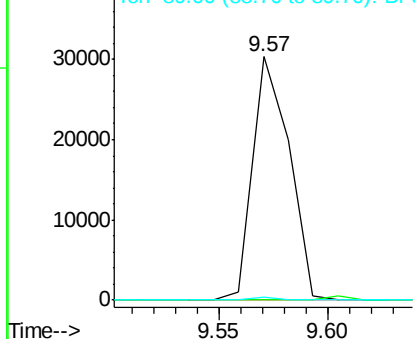


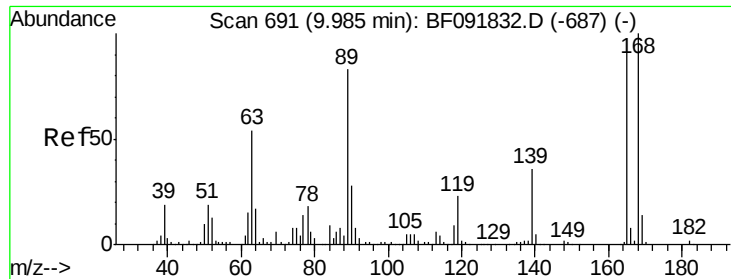
#50
 2,6-Dinitrotoluene
 Concen: 9.19 ng
 RT: 9.57 min Scan# 681
 Delta R.T. 0.09 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion:165 Resp: 35560
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.1 40.2 60.4#



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

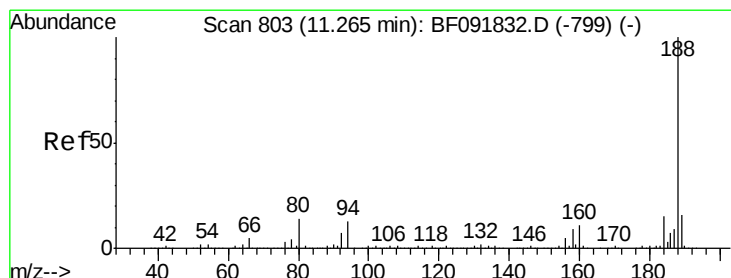
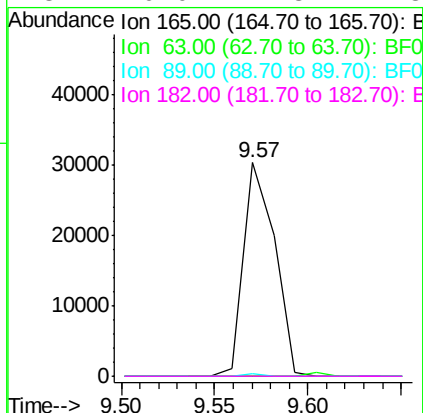
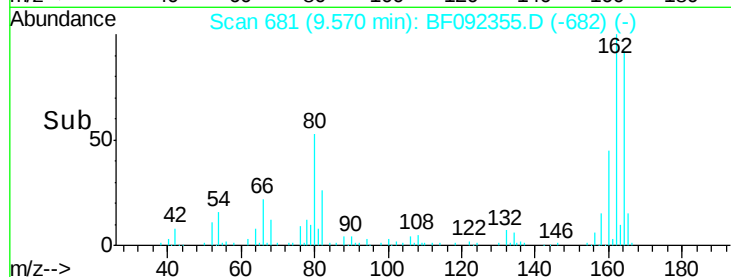
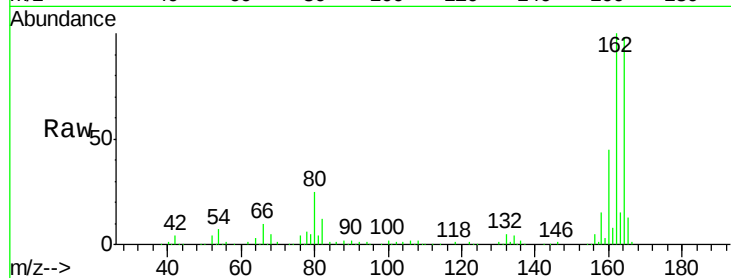




#56
 2,4-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.57 min Scan# 681
 Delta R.T. -0.32 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

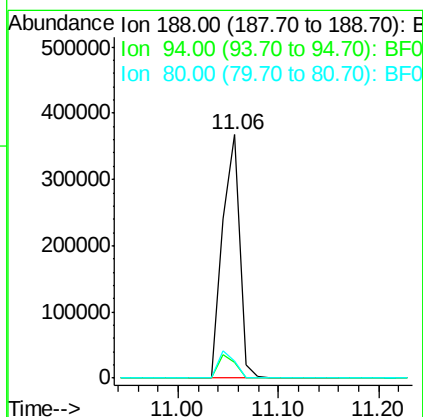
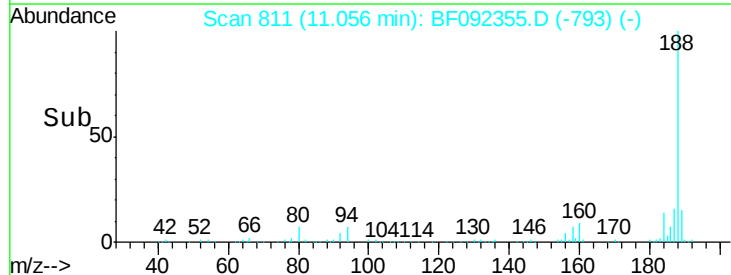
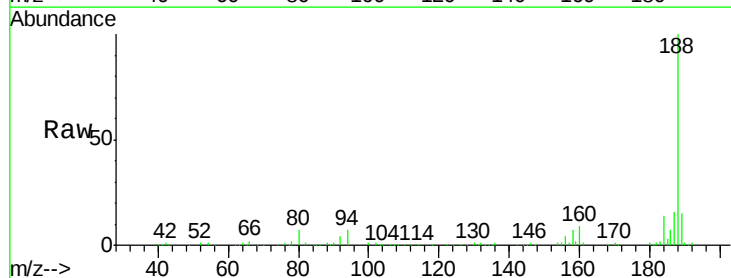
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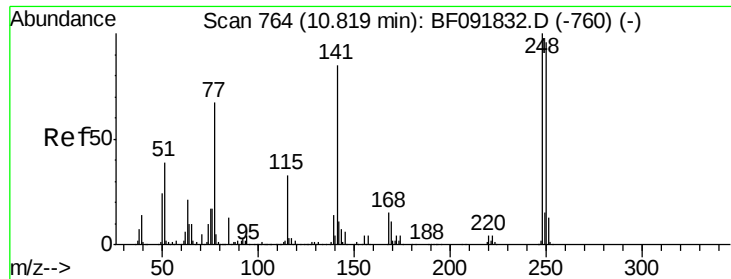
Tgt Ion:	165	Resp:	35563
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.10 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion:	188	Resp:	436073
Ion	Ratio	Lower	Upper
188	100		
94	6.7	10.0	15.0#
80	7.2	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 5.32 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.34 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

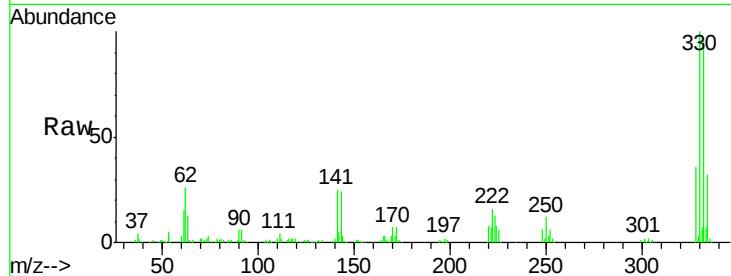
Tgt Ion:248 Resp: 24145

Ion Ratio Lower Upper

248 100

250 202.2 76.9 115.3#

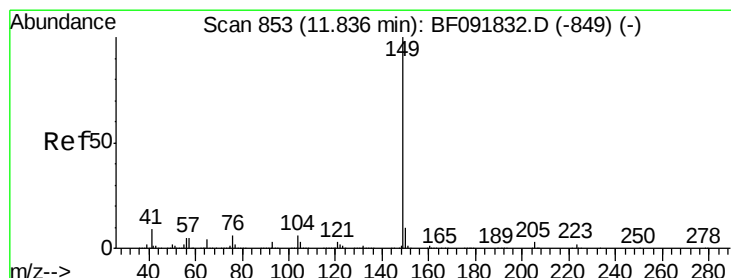
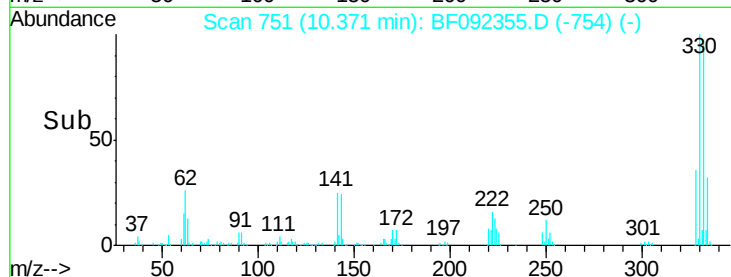
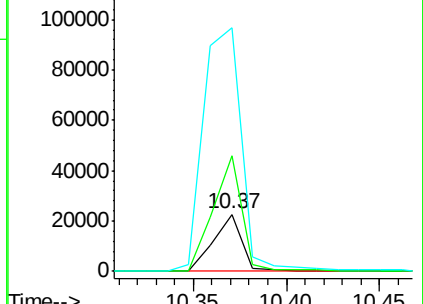
141 426.2 68.2 102.4#



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: 11.63 min Scan# 861

Delta R.T. -0.10 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

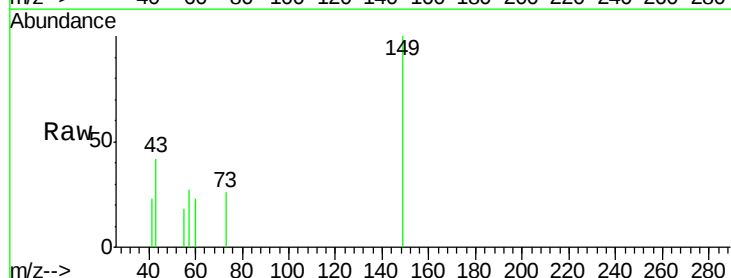
Tgt Ion:149 Resp: 3173

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

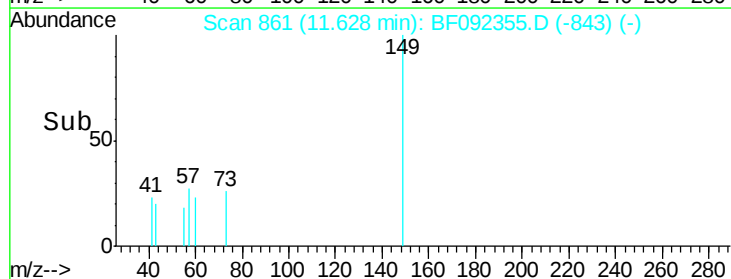
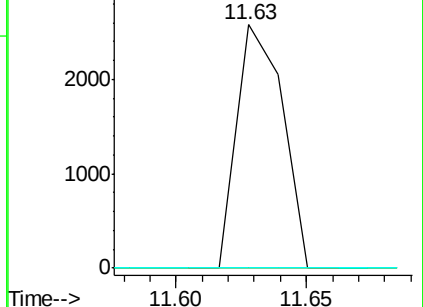
104 0.0 4.6 7.0#

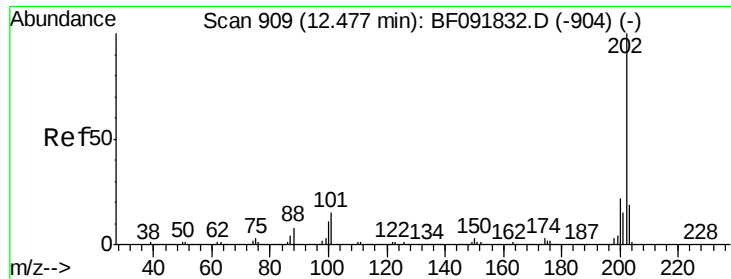


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

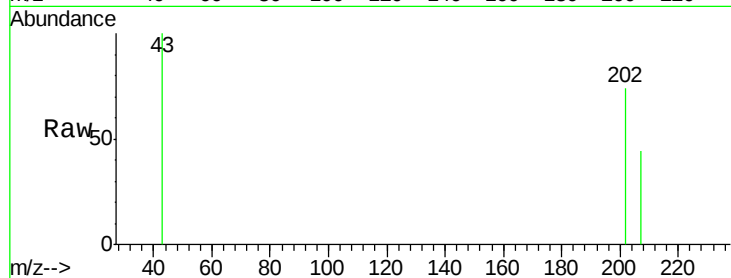
Tgt Ion: 202 Resp: 654

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

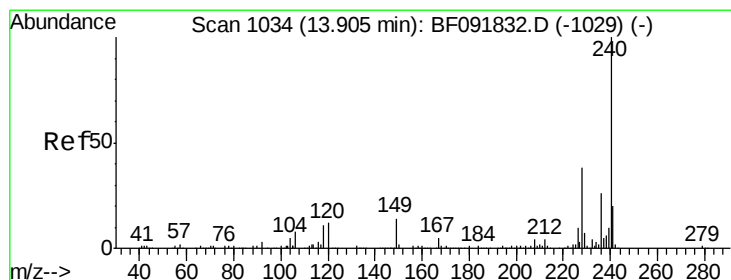
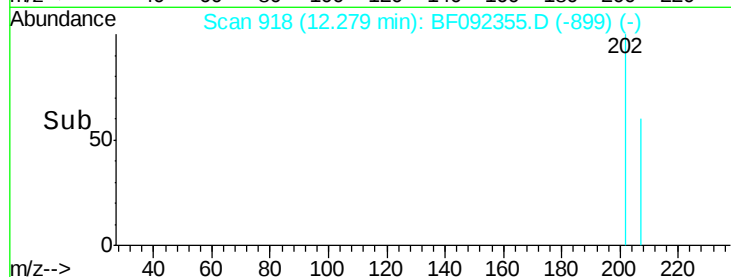
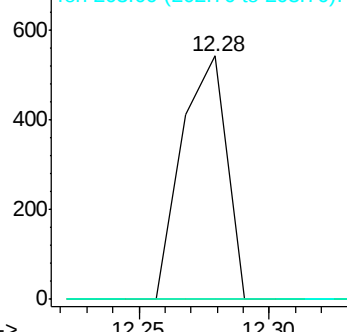
203 0.0 0.0 38.7



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: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

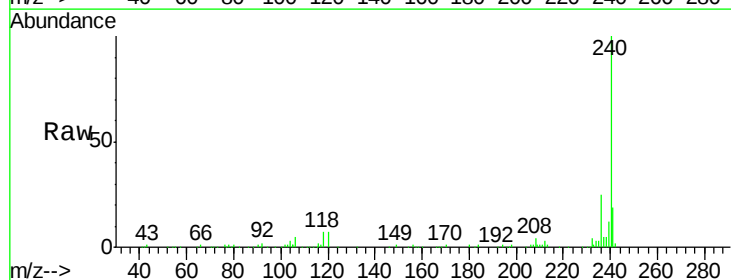
Tgt Ion: 240 Resp: 275121

Ion Ratio Lower Upper

240 100

120 7.0 12.9 19.3#

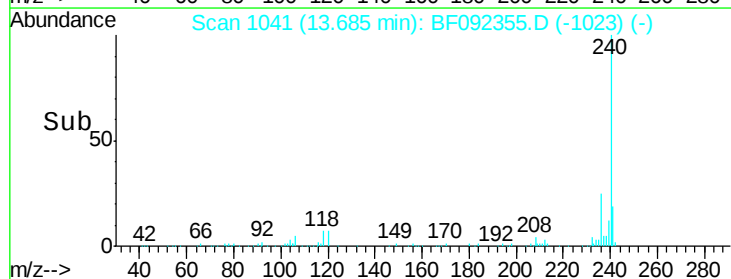
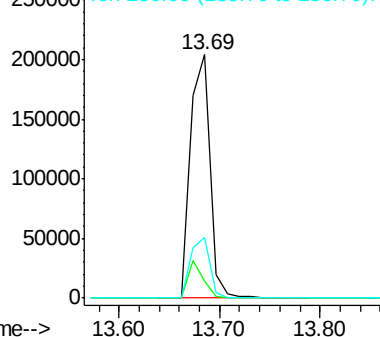
236 24.9 20.9 31.3

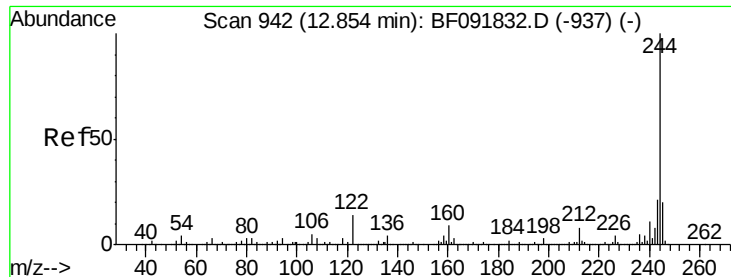


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

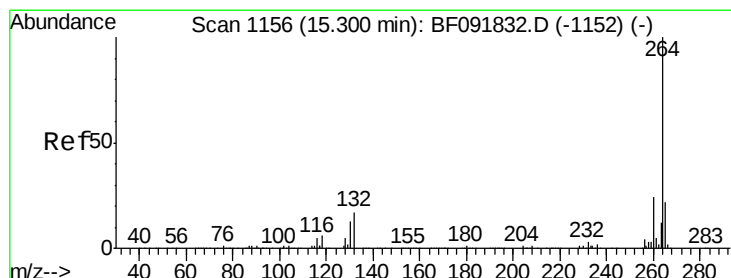
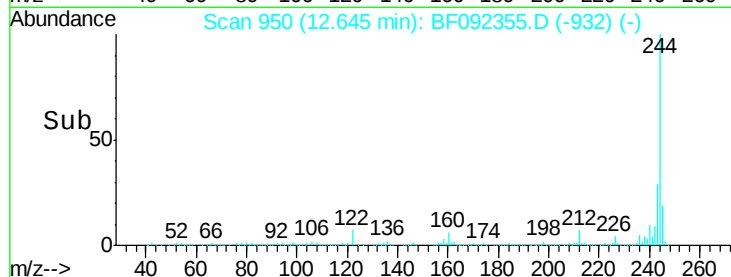
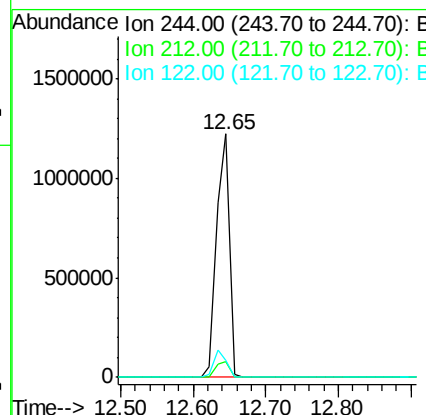
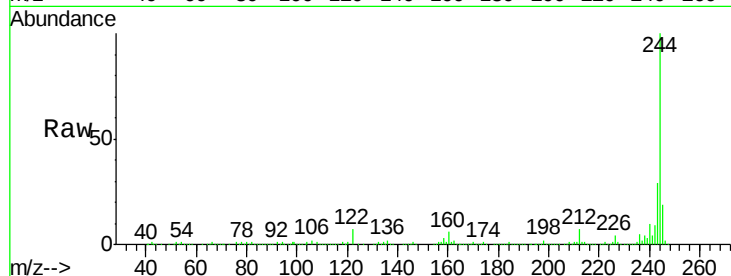




#78
 Terphenyl-d14
 Concen: 131.82 ng
 RT: 12.65 min Scan# 950
 Delta R.T. -0.10 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

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

Tgt Ion:244 Resp: 1495389
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.2
 122 7.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. -0.11 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion:264 Resp: 252612
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 17.4 26.0

