

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092358.D
 Acq On : 18 Jan 2017 18:32
 Operator : UM/SJ
 Sample : I1260-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 19 00:05:52 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

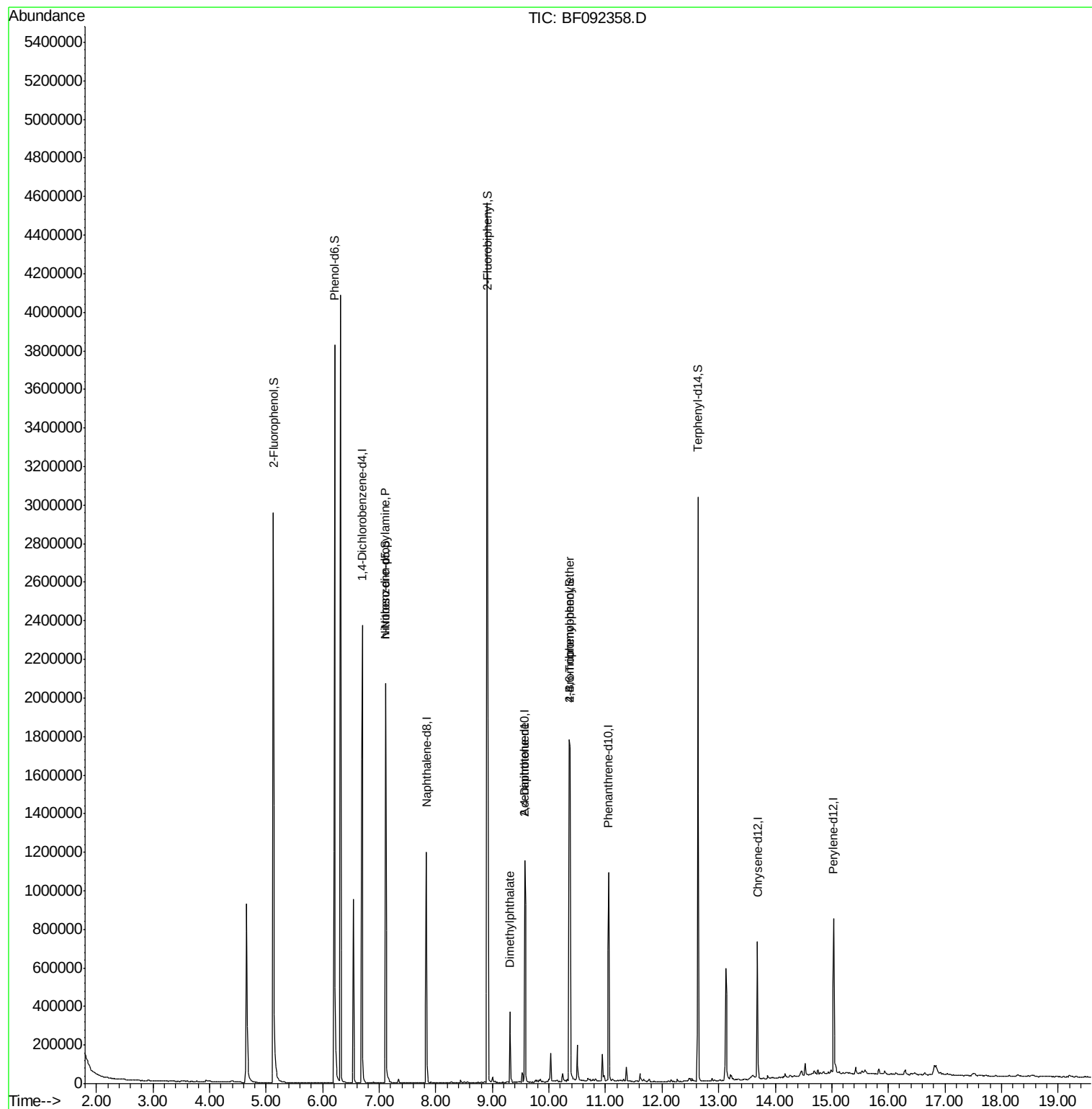
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	489244	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	604413	20.00	ng	-0.10
38) Acenaphthene-d10	9.57	164	349987	20.00	ng	-0.11
63) Phenanthrene-d10	11.06	188	517728	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	345633	20.00	ng	-0.10
86) Perylene-d12	15.03	264	375582	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1049612	35.82	ng	-0.11
7) Phenol-d6	6.21	99	1368040	38.24	ng	-0.10
23) Nitrobenzene-d5	7.11	82	770388	70.88	ng	-0.10
41) 2,4,6-Tribromophenol	10.37	330	344912	119.08	ng	-0.10
44) 2-Fluorobiphenyl	8.91	172	1649919	98.67	ng	-0.10
78) Terphenyl-d14	12.63	244	1123766	78.85	ng	-0.11
Target Compounds						
9) Benzaldehyde	6.21	77	2318	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	100268	4.21 ng	#	79
37) 2-Methylnaphthalene	8.56	142	1504	Below Cal		90
49) Dimethylphthalate	9.31	163	199769	8.92 ng	#	98
56) 2,4-Dinitrotoluene	9.57	165	45594	7.41 ng	#	20
66) 4-Bromophenyl-phenylether	10.37	248	21898	4.07 ng	#	1
71) Anthracene	11.08	178	5464	Below Cal		99
73) Di-n-butylphthalate	11.63	149	1746	Below Cal	#	76
74) Fluoranthene	12.27	202	7568	Below Cal		92
76) Benzydine	12.42	184	778	Below Cal	#	65

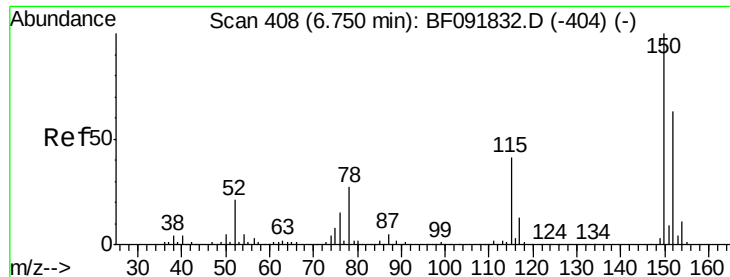
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_F
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Quant Time: Jan 19 00:05:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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QLast Update : Fri Jan 06 15:43:51 2017
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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: BF092358.D

Acq: 18 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

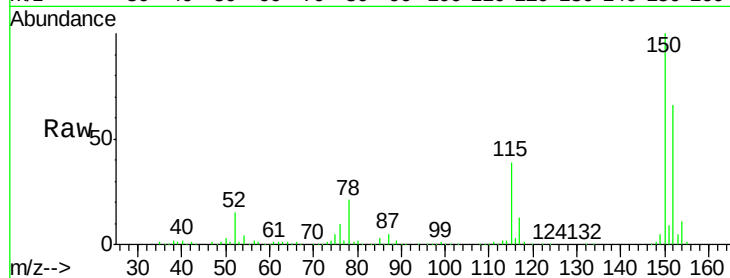
Tgt Ion:152 Resp: 489244

Ion Ratio Lower Upper

152 100

150 151.9 124.9 187.3

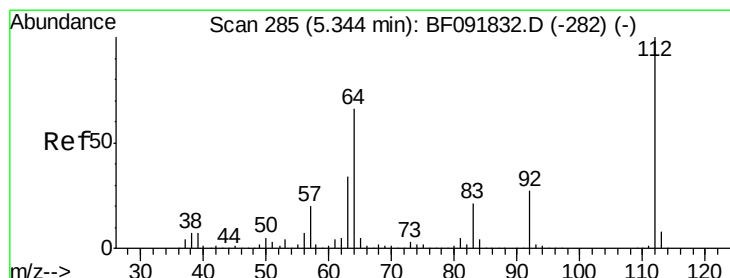
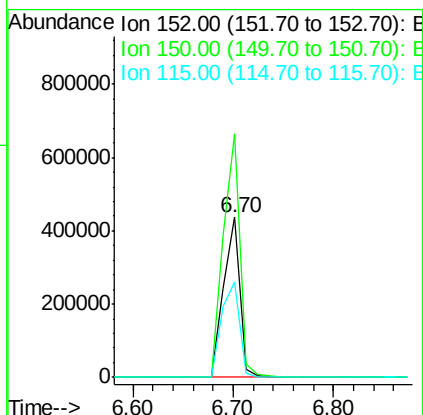
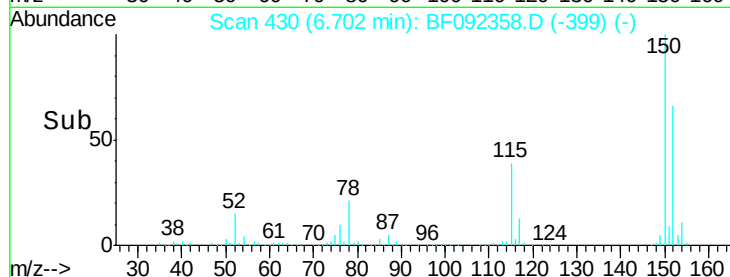
115 59.6 46.0 69.0



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: 35.82 ng

RT: 5.12 min Scan# 292

Delta R.T. -0.11 min

Lab File: BF092358.D

Acq: 18 Jan 2017 18:32

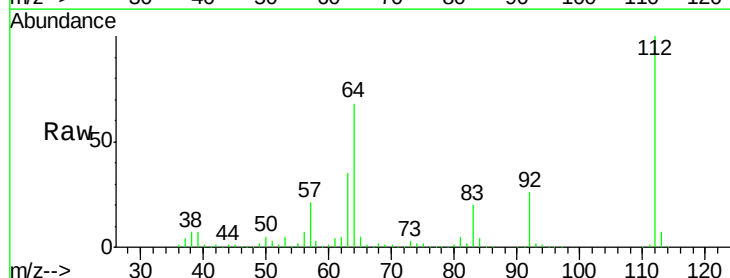
Tgt Ion:112 Resp: 1049612

Ion Ratio Lower Upper

112 100

64 67.8 46.1 69.1

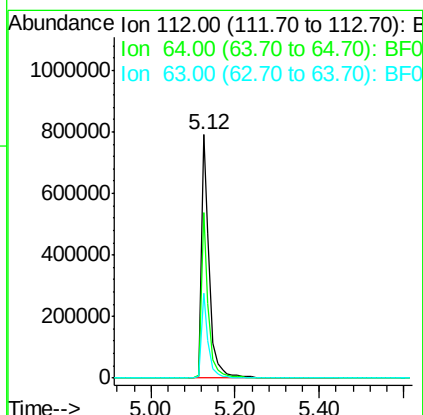
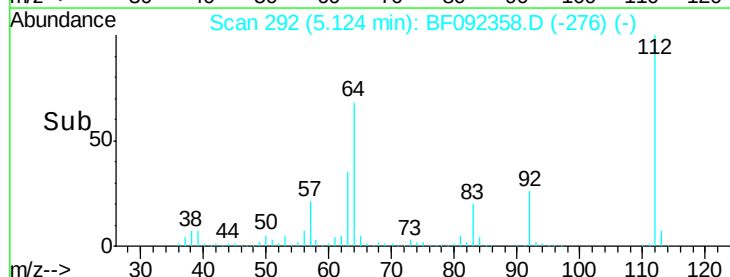
63 35.0 23.8 35.6

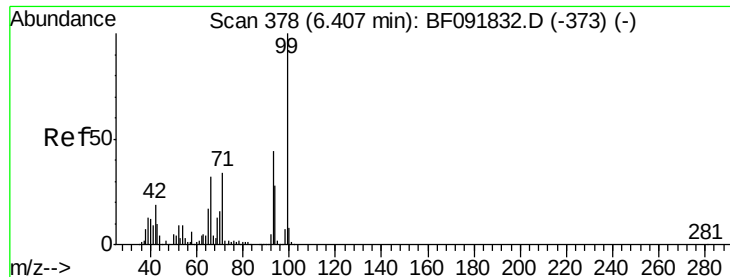


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.24 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092358.D

Acq: 18 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

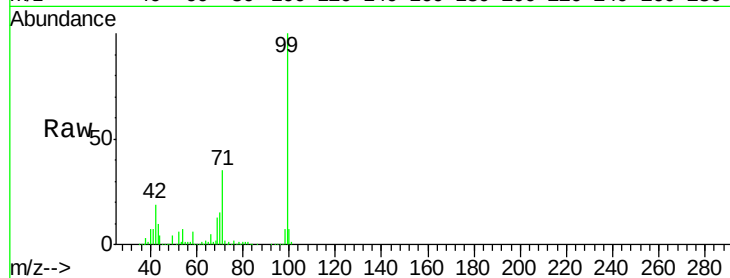
Tgt Ion: 99 Resp: 1368040

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

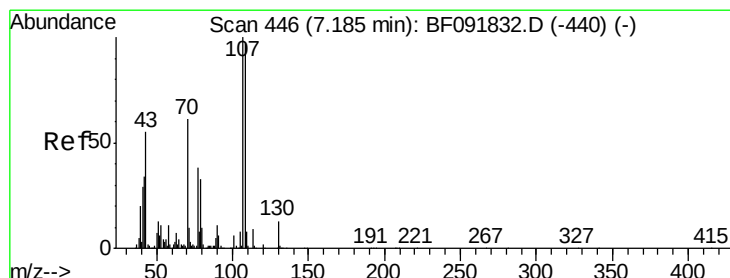
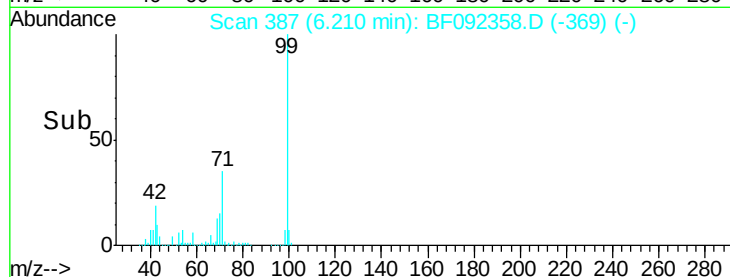
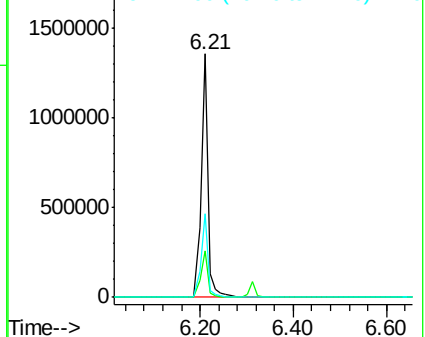
71 34.5 27.5 41.3



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: 4.21 ng

RT: 7.11 min Scan# 466

Delta R.T. 0.04 min

Lab File: BF092358.D

Acq: 18 Jan 2017 18:32

Tgt Ion: 70 Resp: 100268

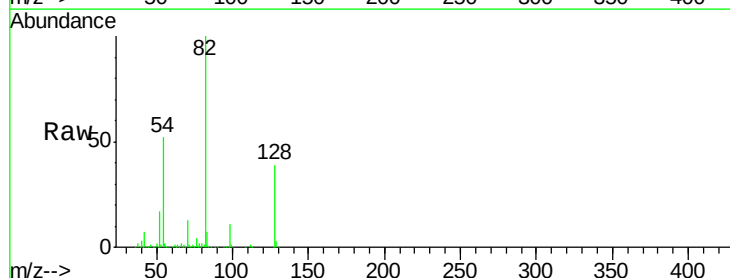
Ion Ratio Lower Upper

70 100

42 49.3 49.4 74.0#

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

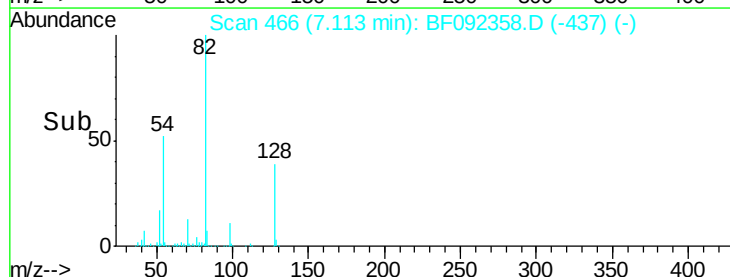
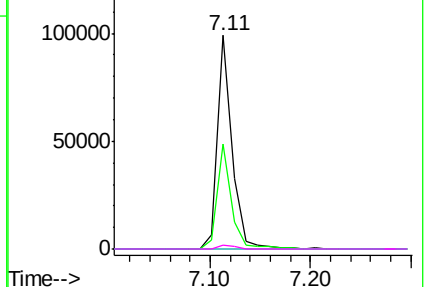


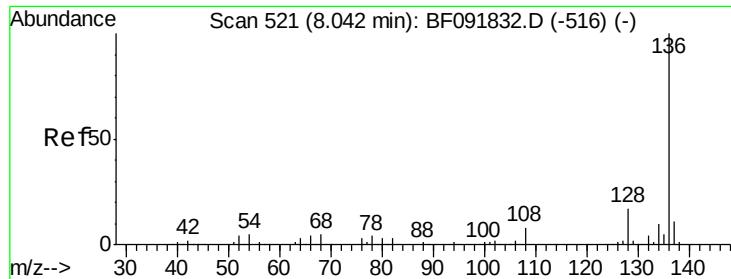
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

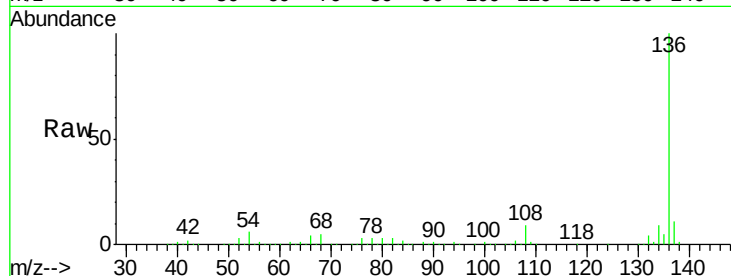




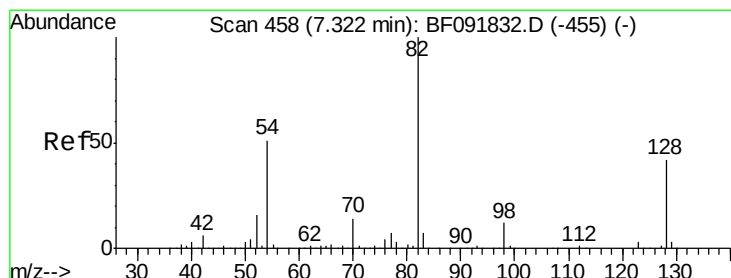
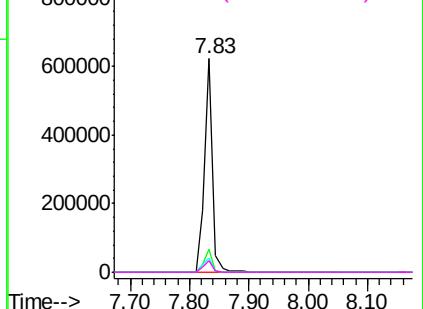
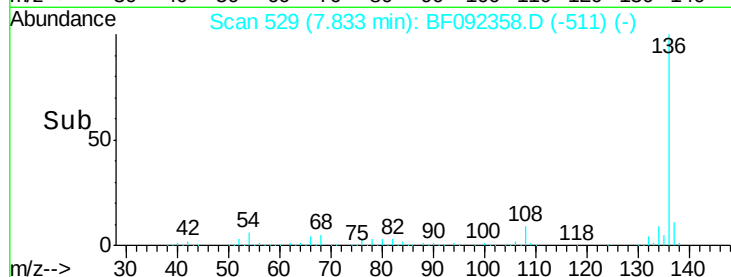
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

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

Tgt Ion: 136 Resp: 604413
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.5 4.5 6.7
68 5.5 3.6 5.4#

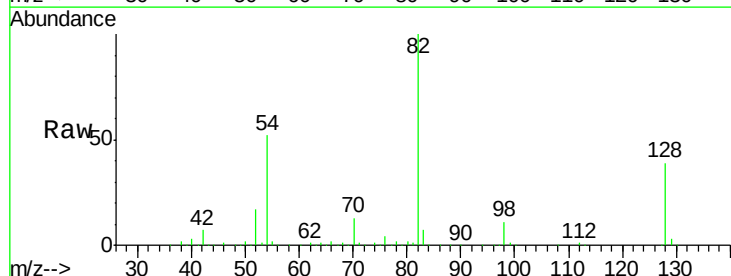


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

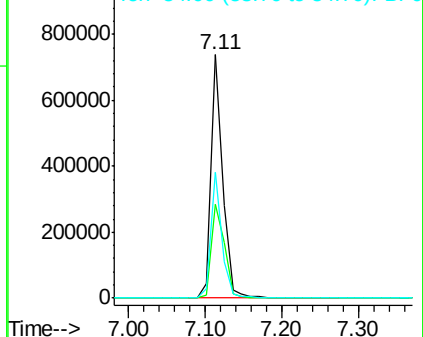
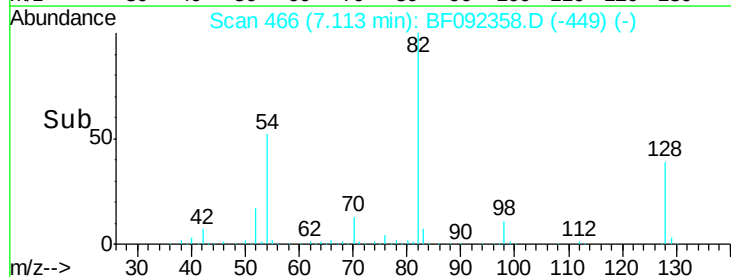


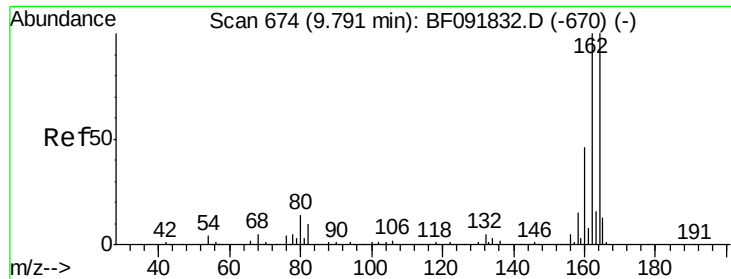
#23
Nitrobenzene-d5
Concen: 70.88 ng
RT: 7.11 min Scan# 466
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion: 82 Resp: 770388
Ion Ratio Lower Upper
82 100
128 38.8 34.6 52.0
54 51.8 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: 9.57 min Scan# 681

Delta R.T. -0.11 min

Lab File: BF092358.D

Acq: 18 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

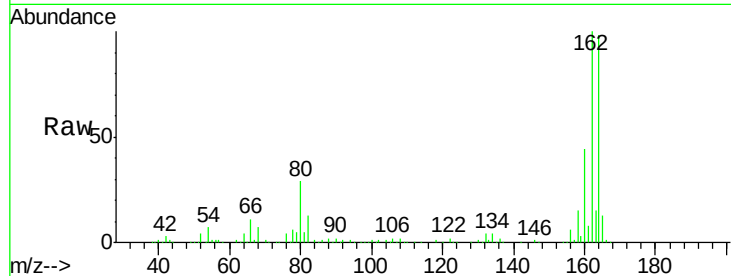
Tgt Ion:164 Resp: 349987

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

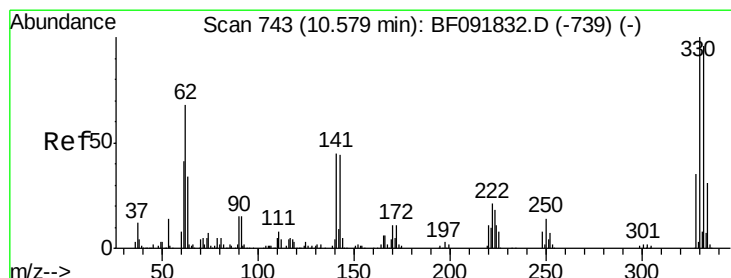
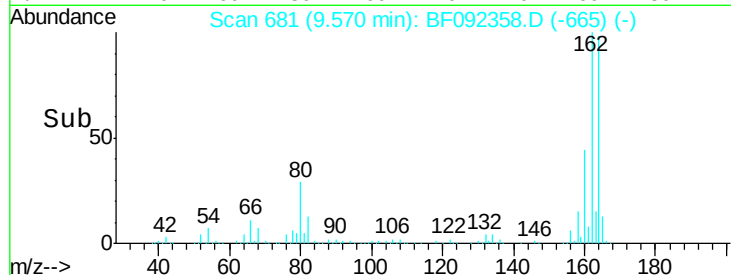
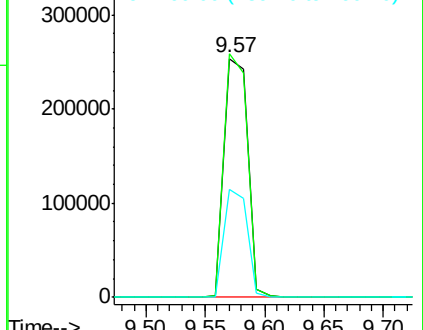
160 45.3 36.9 55.3



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: 119.08 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.10 min

Lab File: BF092358.D

Acq: 18 Jan 2017 18:32

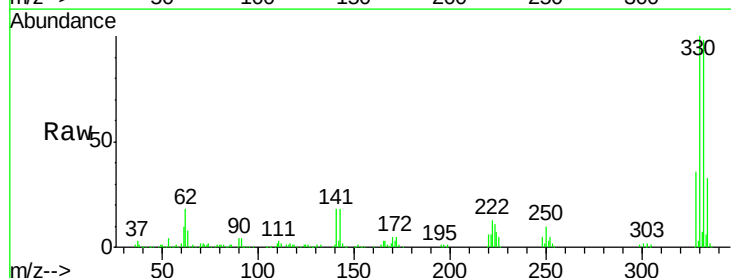
Tgt Ion:330 Resp: 344912

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

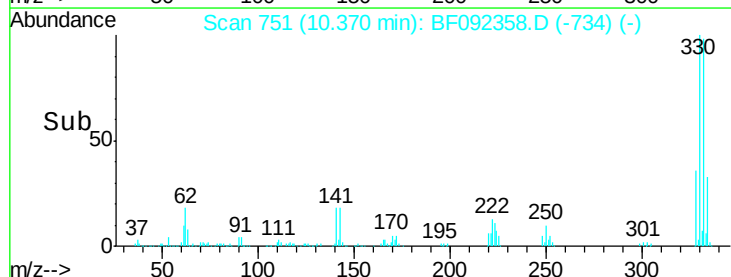
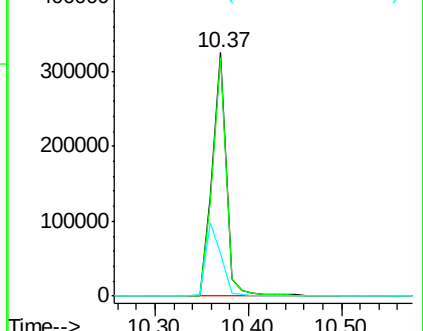
141 33.5 34.1 51.1#

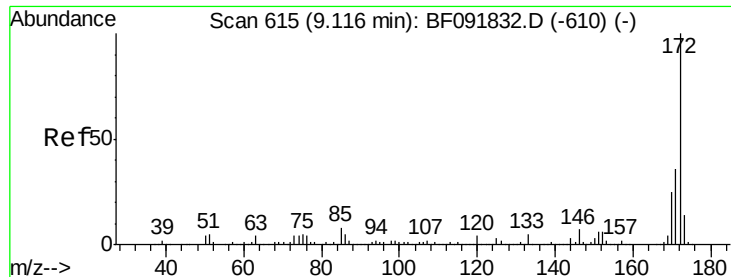


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

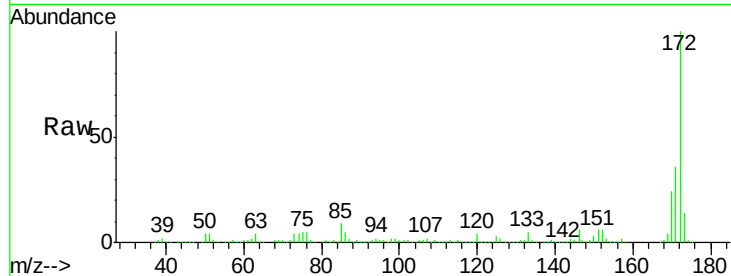




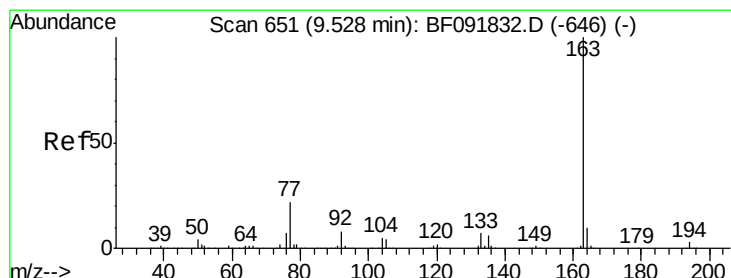
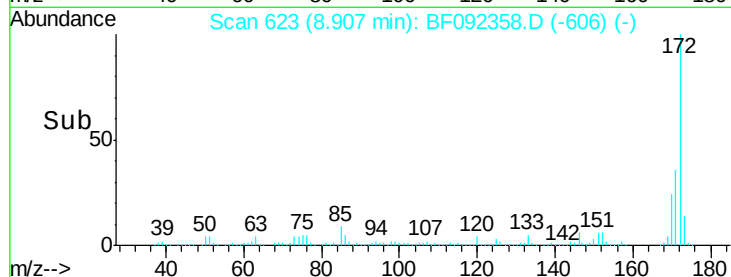
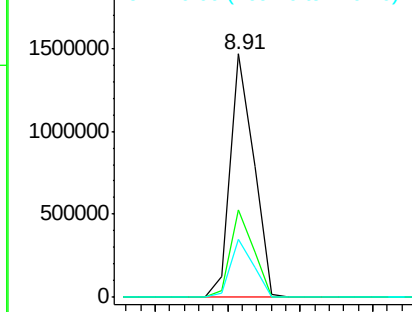
#44
2-Fluorobiphenyl
Concen: 98.67 ng
RT: 8.91 min Scan# 623
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Instrument :
BNA_F
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MH-0-12FT-COMP

Tgt Ion:172 Resp: 1649919
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.0 20.2 30.4

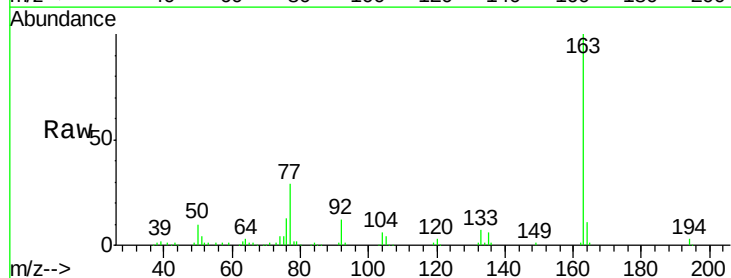


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

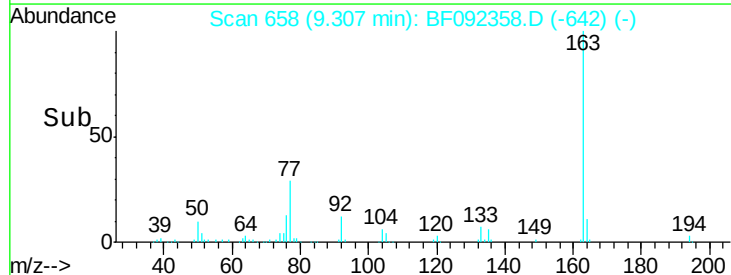
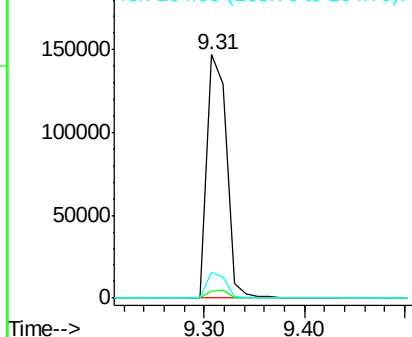


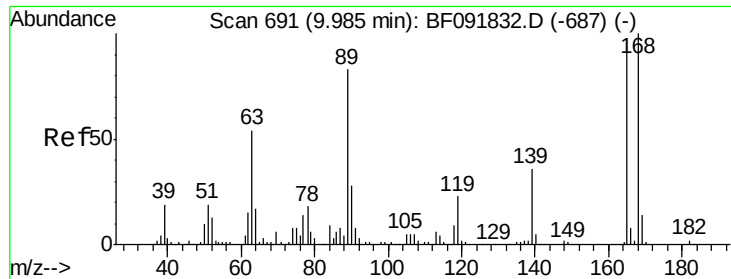
#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:163 Resp: 199769
Ion Ratio Lower Upper
163 100
194 2.6 3.0 4.4#
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

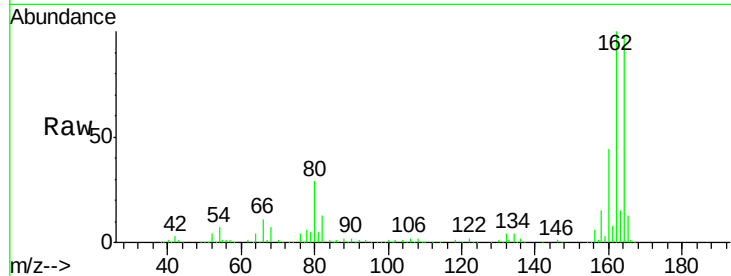




#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.32 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

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

Tgt Ion:	165	Resp:	45594
Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

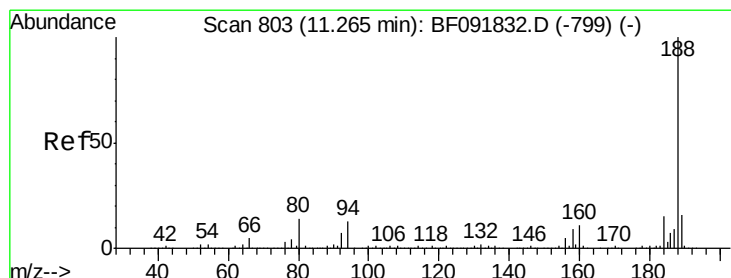
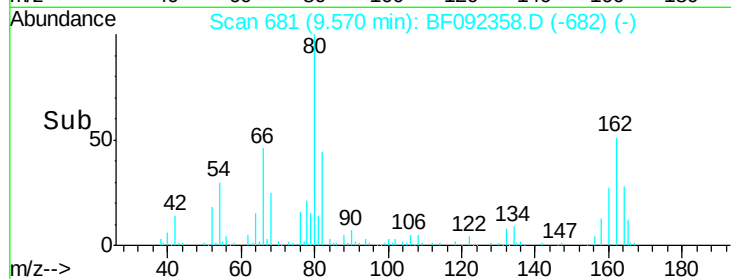
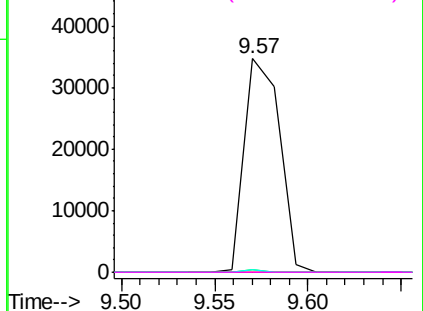


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

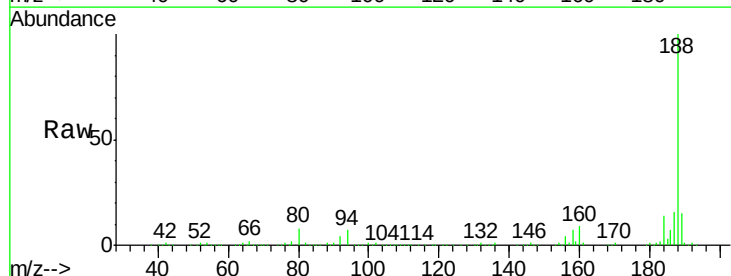
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

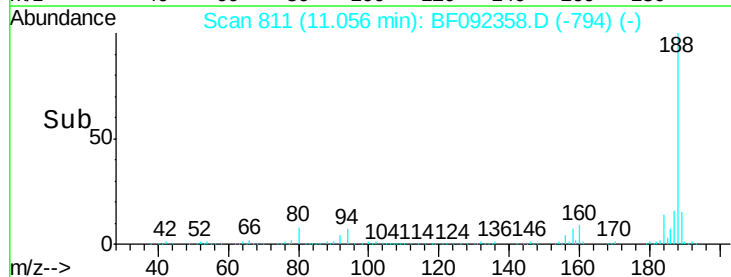
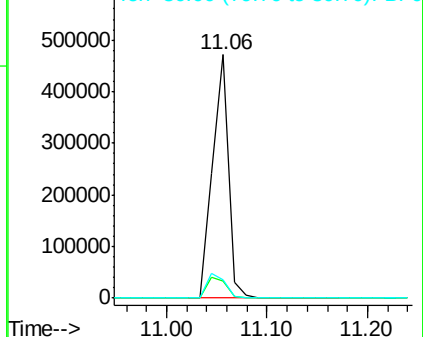
Tgt Ion:	188	Resp:	517728
Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.6	11.2	16.8#

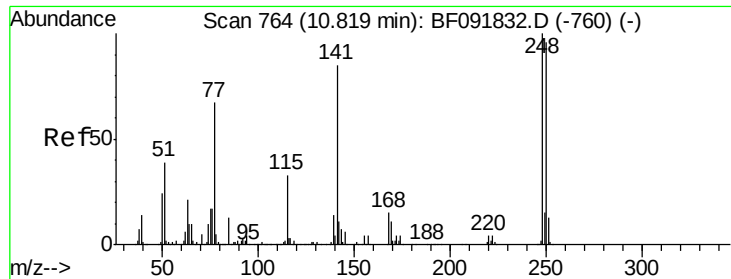


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

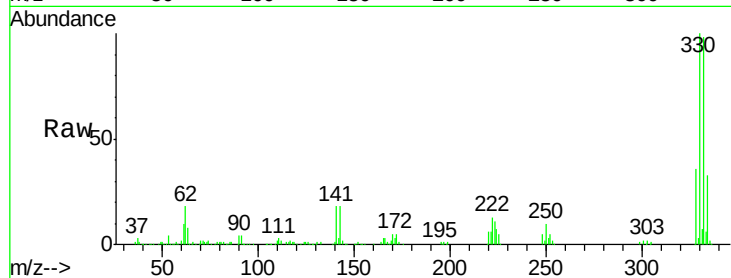




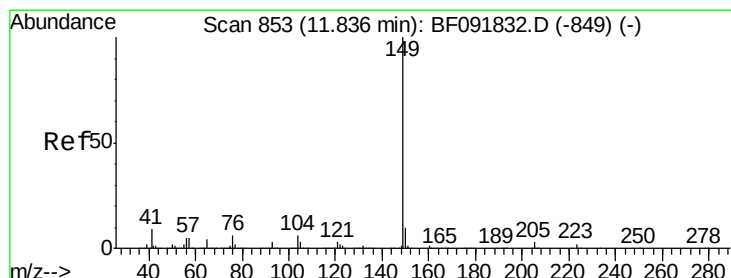
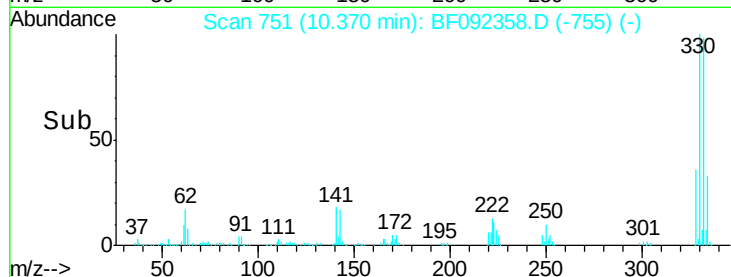
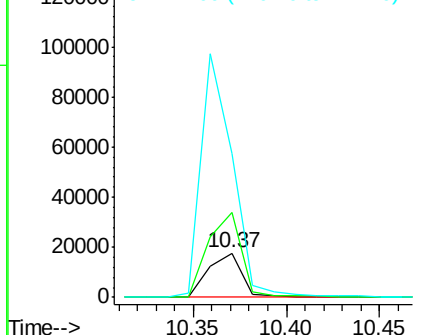
#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.34 min
 Lab File: BF092358.D
 Acq: 18 Jan 2017 18:32

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

Tgt Ion:248 Resp: 21898
 Ion Ratio Lower Upper
 248 100
 250 191.2 76.9 115.3#
 141 324.4 68.2 102.4#

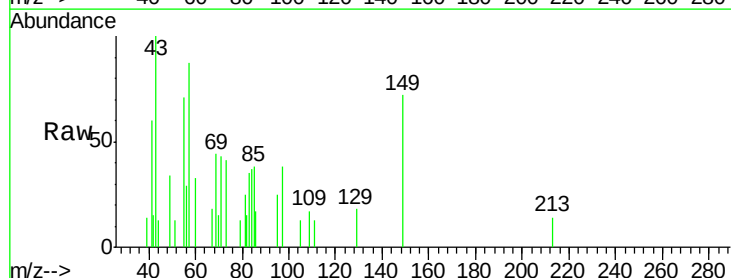


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

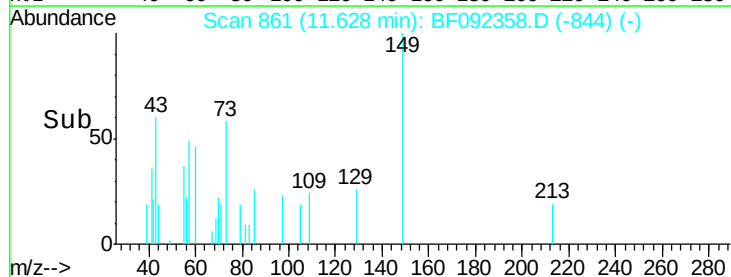
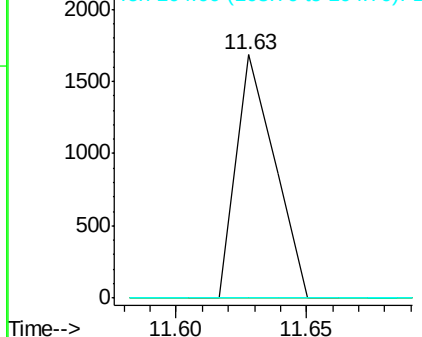


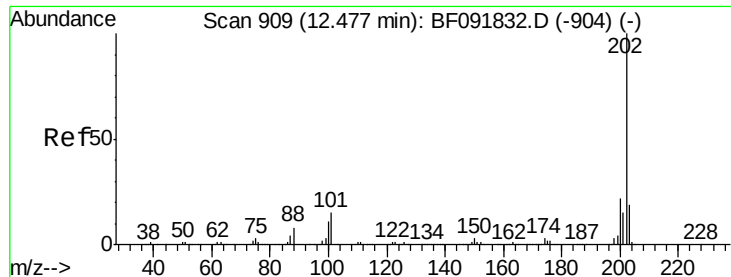
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.63 min Scan# 861
 Delta R.T. -0.10 min
 Lab File: BF092358.D
 Acq: 18 Jan 2017 18:32

Tgt Ion:149 Resp: 1746
 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

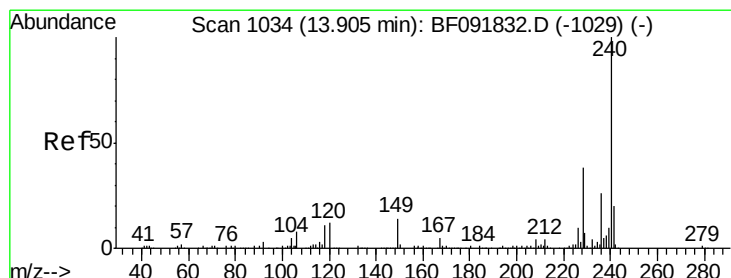
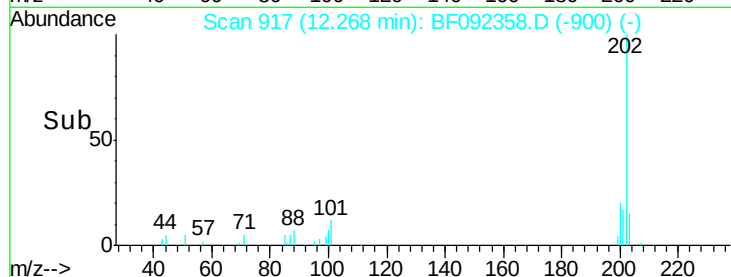
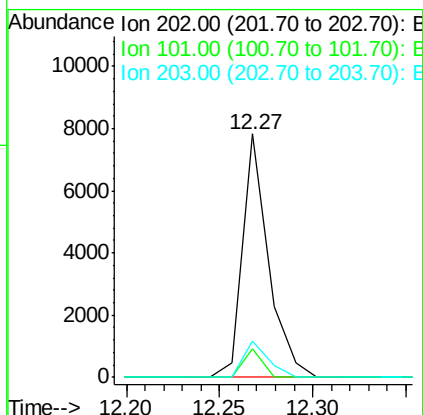
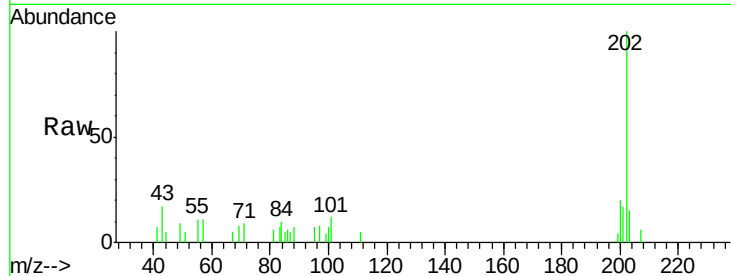




#74
Fluoranthene
Concen: Below Cal
RT: 12.27 min Scan# 917
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

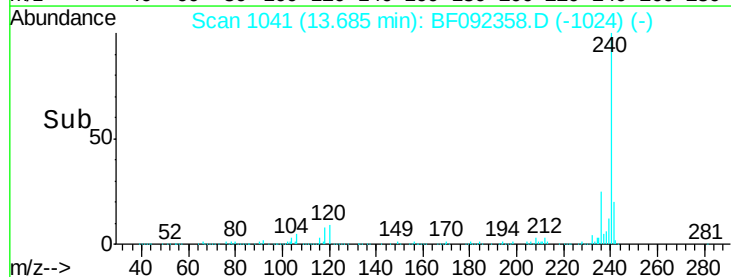
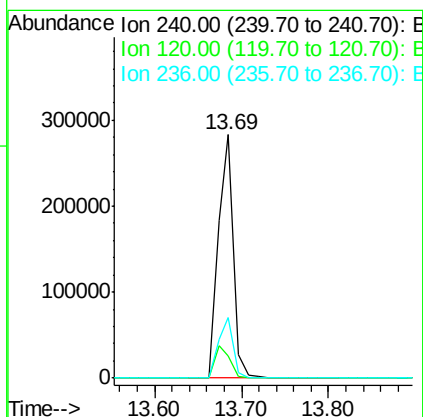
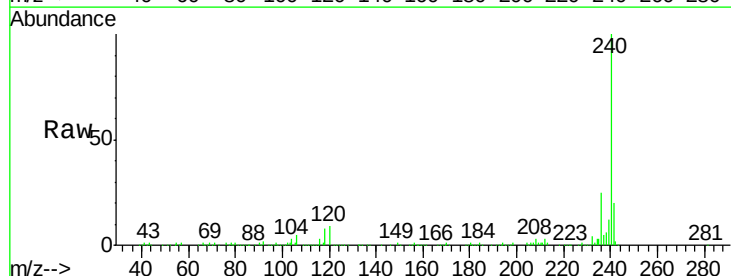
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

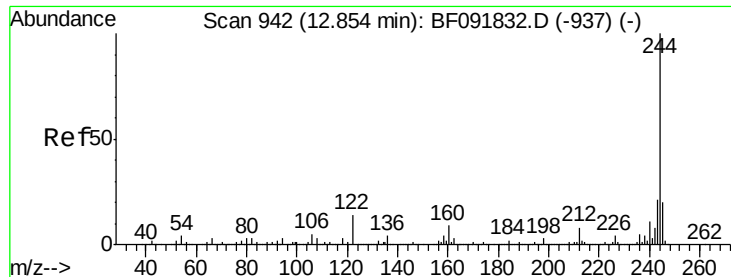
Tgt Ion: 202 Resp: 7568
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.6
203 15.0 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion: 240 Resp: 345633
Ion Ratio Lower Upper
240 100
120 9.2 12.9 19.3#
236 24.7 20.9 31.3

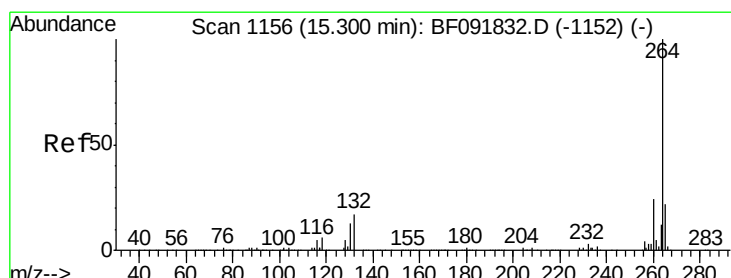
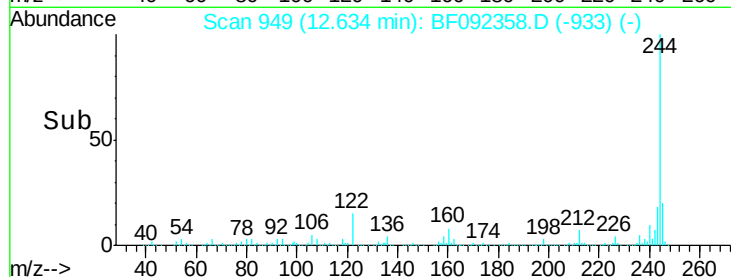
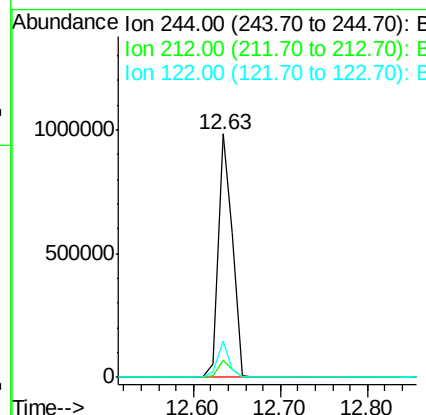
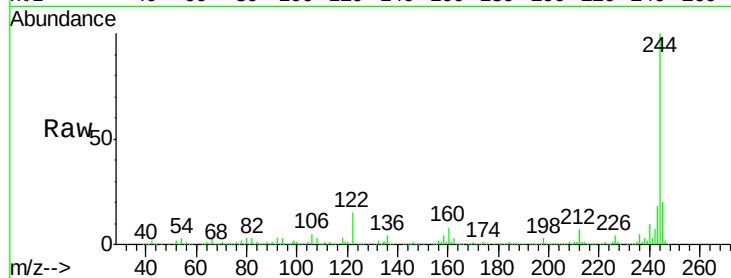




#78
 Terphenyl-d14
 Concen: 78.85 ng
 RT: 12.63 min Scan# 949
 Delta R.T. -0.11 min
 Lab File: BF092358.D
 Acq: 18 Jan 2017 18:32

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

Tgt Ion:244 Resp: 1123766
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 15.0 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: BF092358.D
 Acq: 18 Jan 2017 18:32

Tgt Ion:264 Resp: 375582
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.7 17.4 26.0

