

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092074.D
 Acq On : 4 Jan 2017 18:06
 Operator : UM/SJ
 Sample : PB95751BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Quant Time: Jan 05 00:03:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

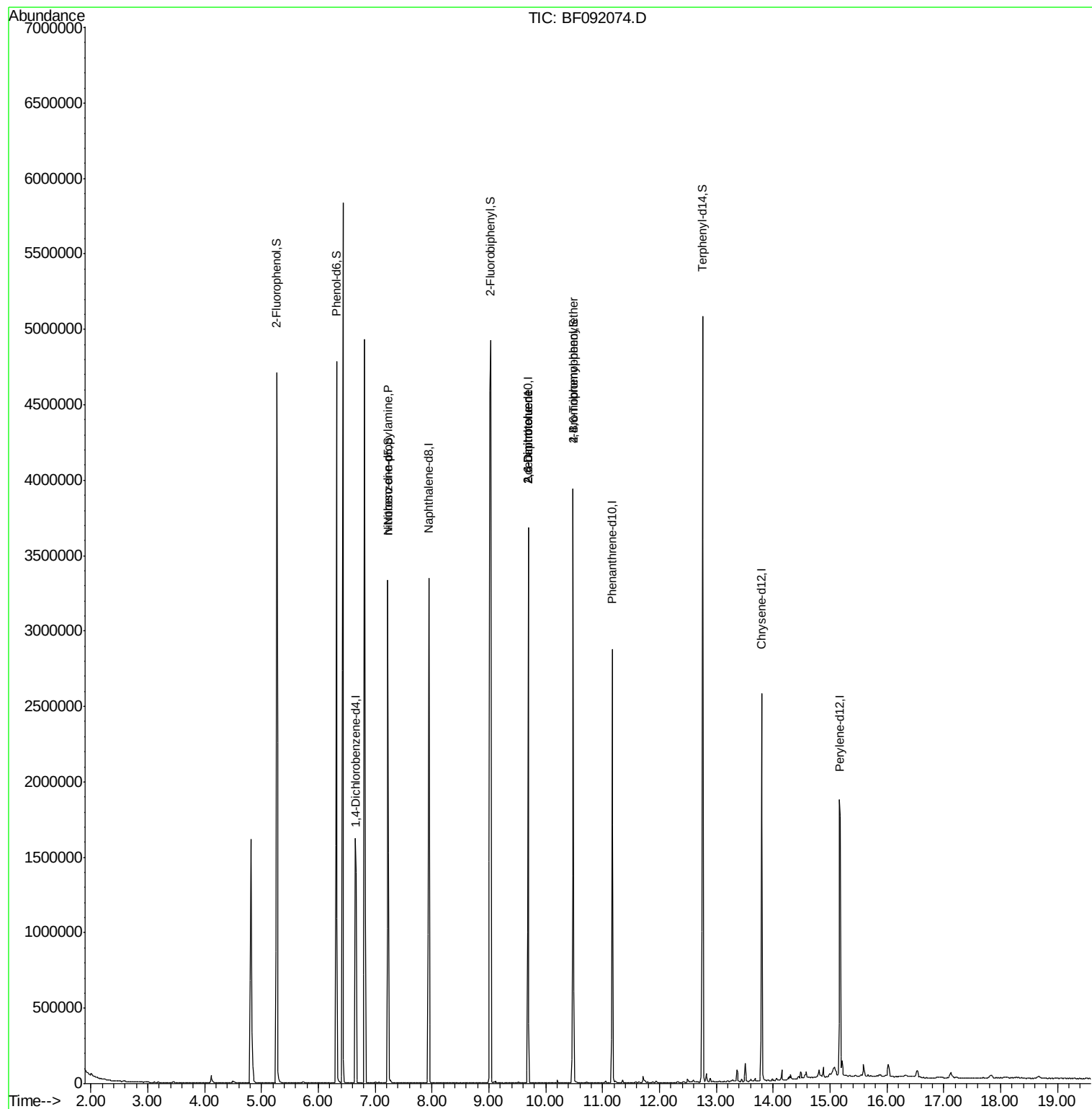
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	354679	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	1617869	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	830005	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	1329224	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	1145973	20.00	ng	-0.07
86) Perylene-d12	15.18	264	1004792	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1615065	76.03	ng	-0.05
7) Phenol-d6	6.32	99	1878548	72.44	ng	-0.06
23) Nitrobenzene-d5	7.22	82	1463510	50.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	495717	72.17	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	2612405	60.82	ng	-0.05
78) Terphenyl-d14	12.76	244	2276106	48.17	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.32	77	2937	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	188666	10.93	ng	# 76
50) 2,6-Dinitrotoluene	9.69	165	108302	9.32	ng	# 30
56) 2,4-Dinitrotoluene	9.69	165	108302	7.43	ng	# 19
66) 4-Bromophenyl-phenylether	10.48	248	32811	2.37	ng	# 1
71) Anthracene	11.19	178	788	Below Cal	#	59
73) Di-n-butylphthalate	11.75	149	4303	Below Cal	#	97
74) Fluoranthene	12.38	202	226	Below Cal		61

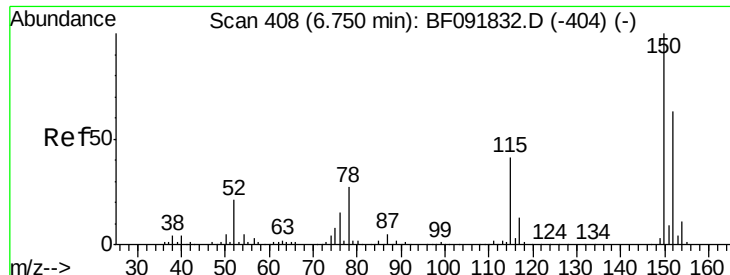
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092074.D
Acq On : 4 Jan 2017 18:06
Operator : UM/SJ
Sample : PB95751BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95751BL

Quant Time: Jan 05 00:03:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

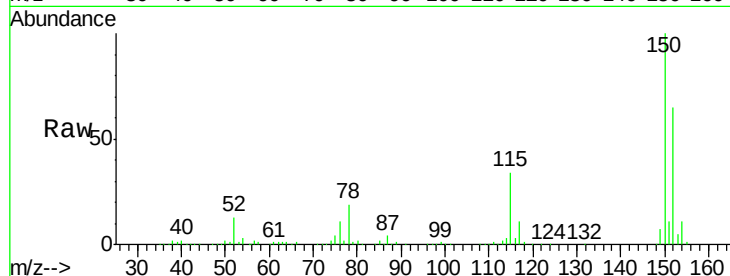
Tgt Ion:152 Resp: 354679

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

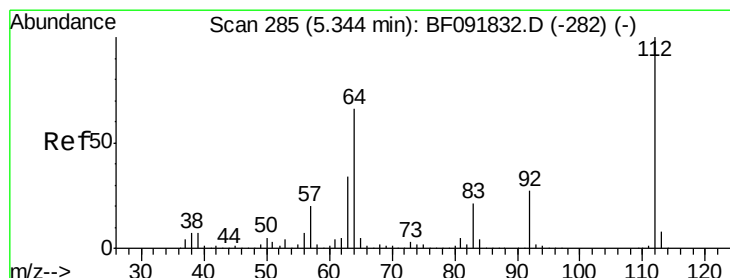
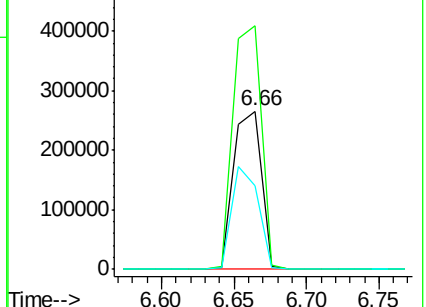
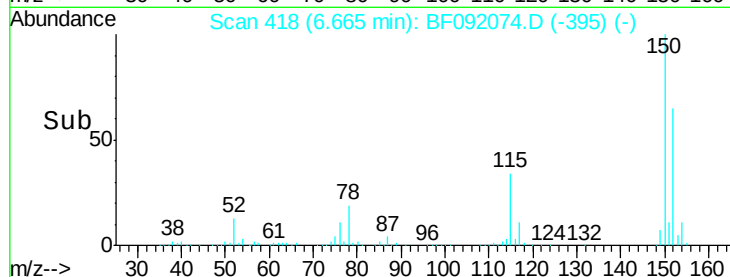
115 53.0 46.0 69.0



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: 76.03 ng

RT: 5.27 min Scan# 296

Delta R.T. -0.05 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

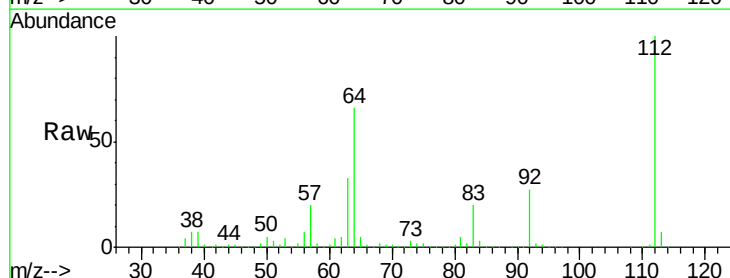
Tgt Ion:112 Resp: 1615065

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

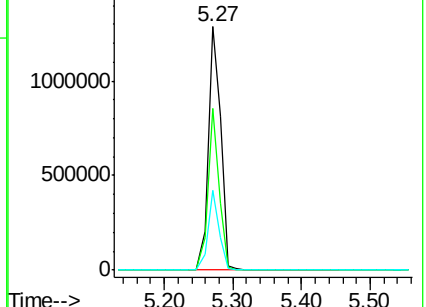
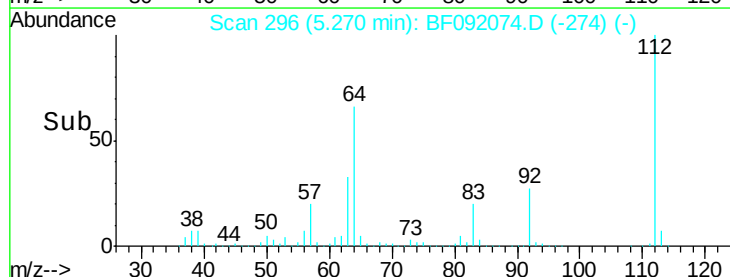
63 33.0 23.8 35.6

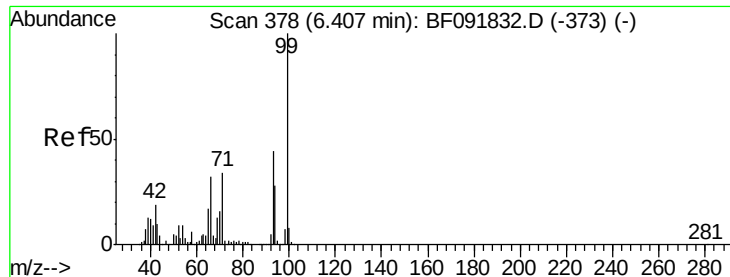


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.44 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

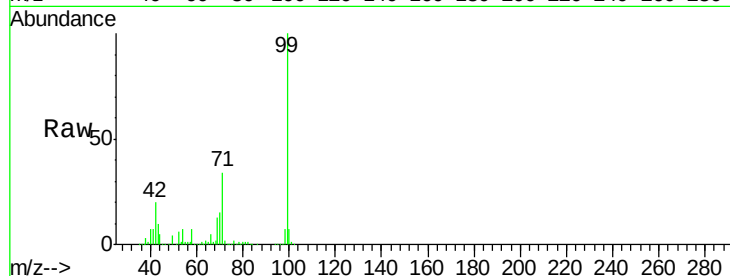
Tgt Ion: 99 Resp: 1878548

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

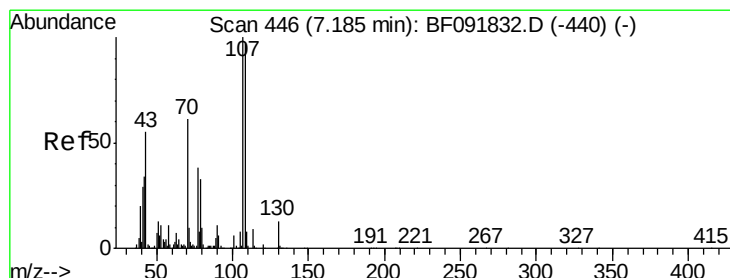
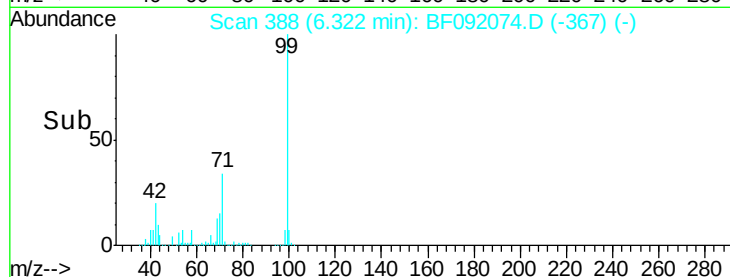
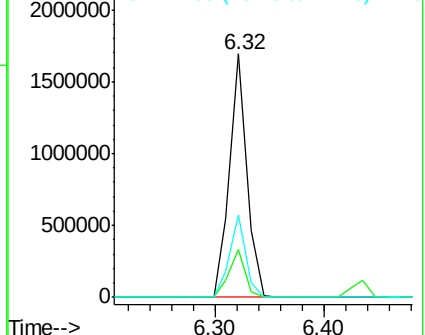
71 33.9 27.5 41.3



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: 10.93 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.09 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Tgt Ion: 70 Resp: 188666

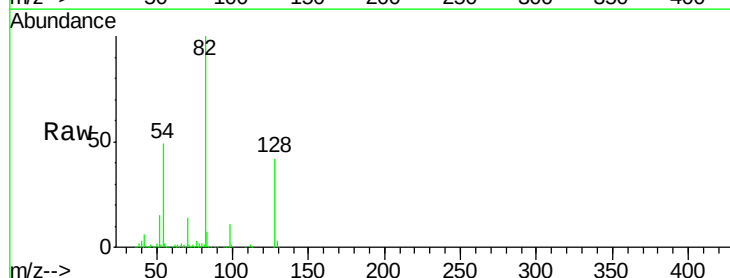
Ion Ratio Lower Upper

70 100

42 46.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

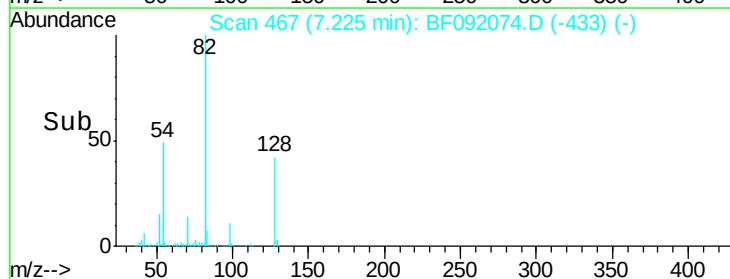
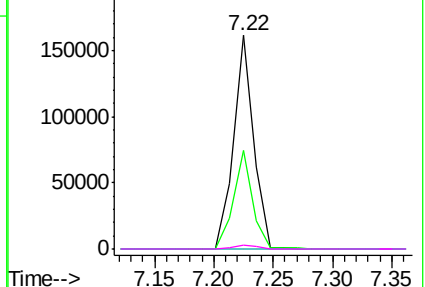


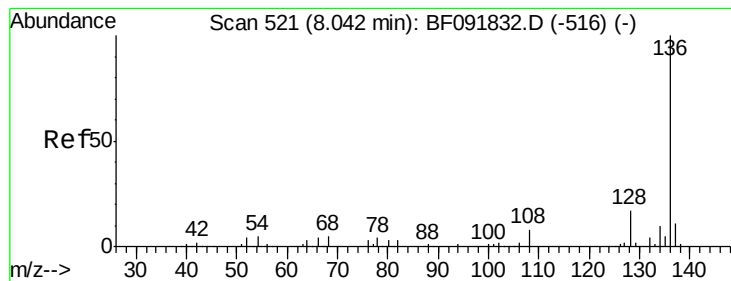
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

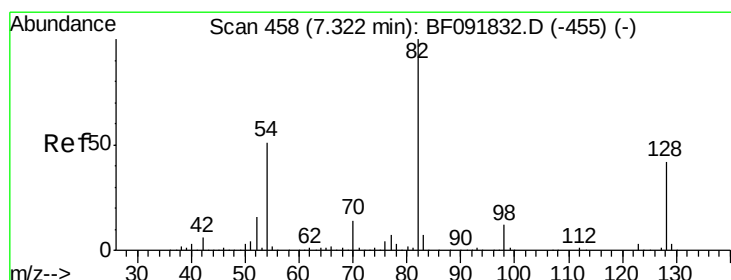
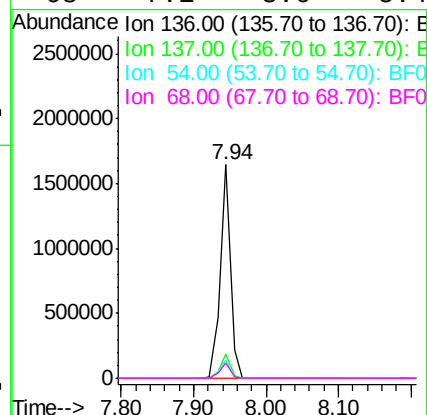
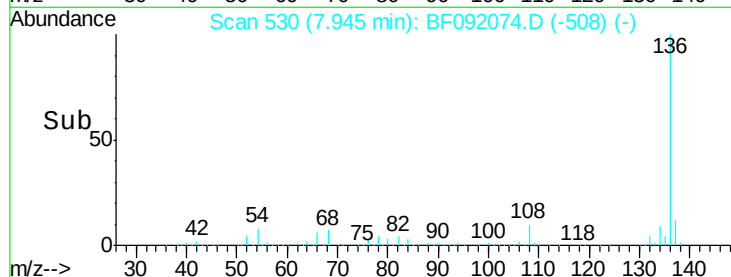
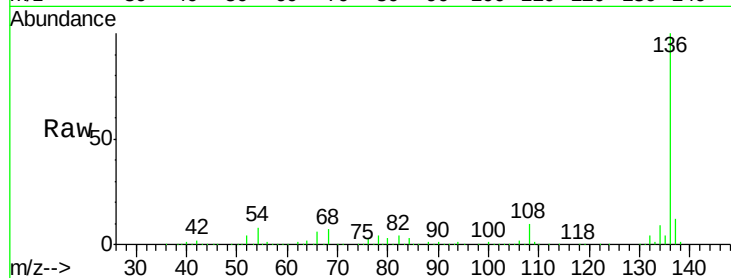




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

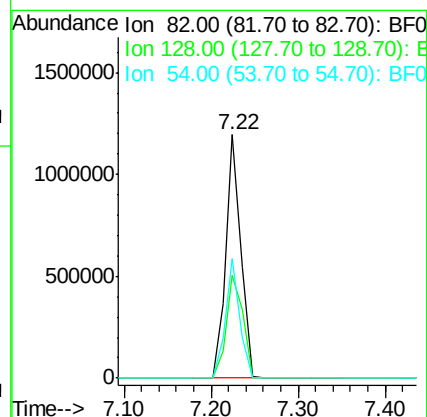
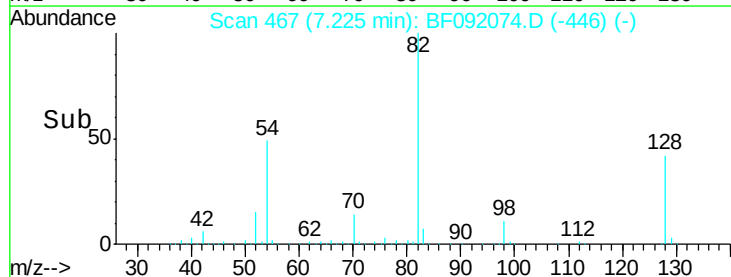
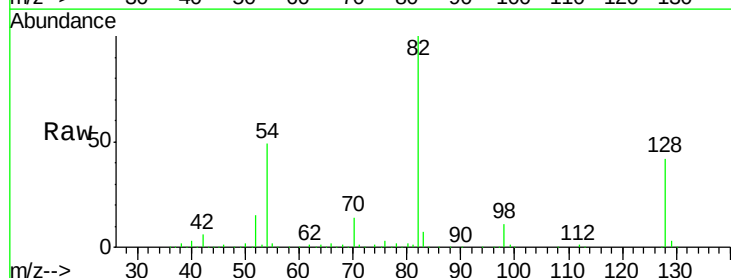
Instrument :
BNA_F
ClientSampleID :
PB95751BL

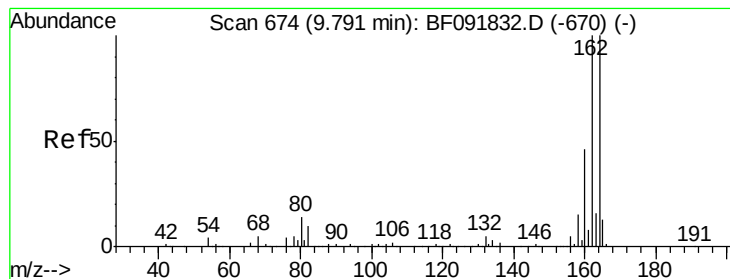
Tgt Ion: 136 Resp: 1617869
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 8.5 4.5 6.7#
68 7.1 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 50.30 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Tgt Ion: 82 Resp: 1463510
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 49.0 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

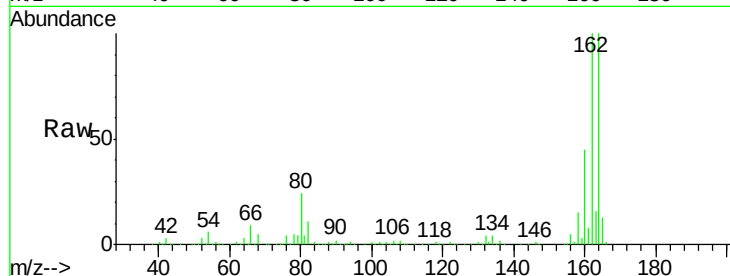
Tgt Ion:164 Resp: 830005

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

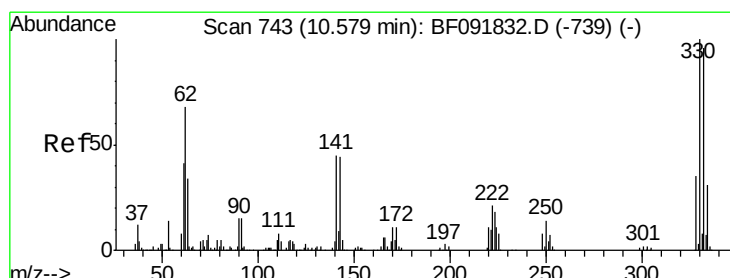
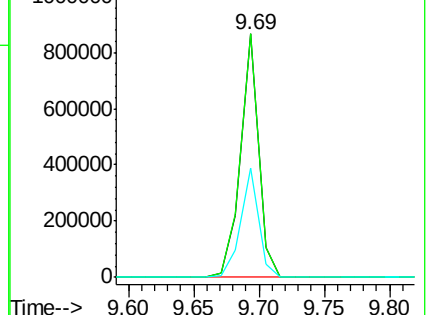
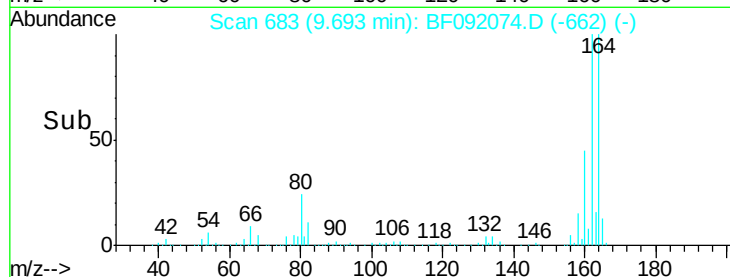
160 45.1 36.9 55.3



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: 72.17 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

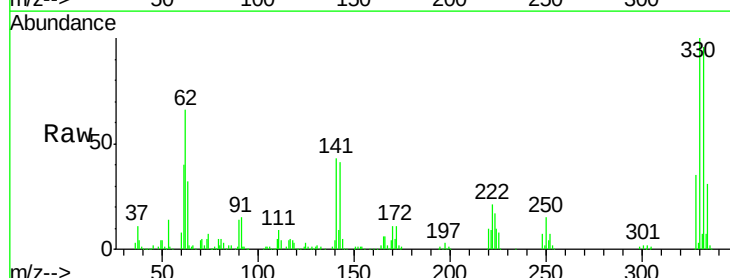
Tgt Ion:330 Resp: 495717

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

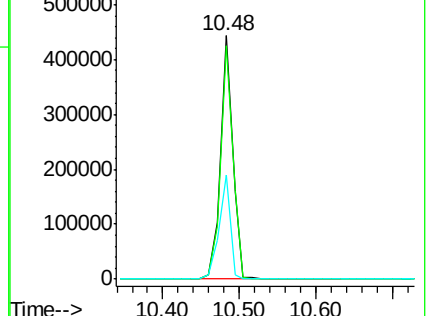
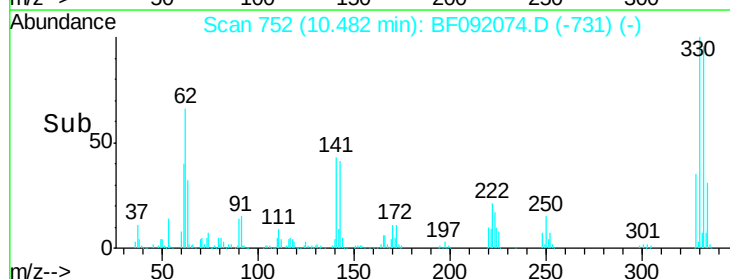
141 38.7 34.1 51.1

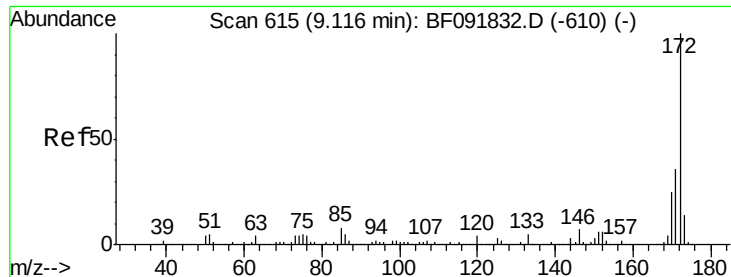


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

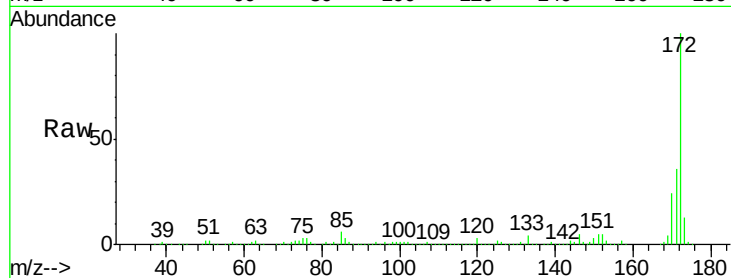




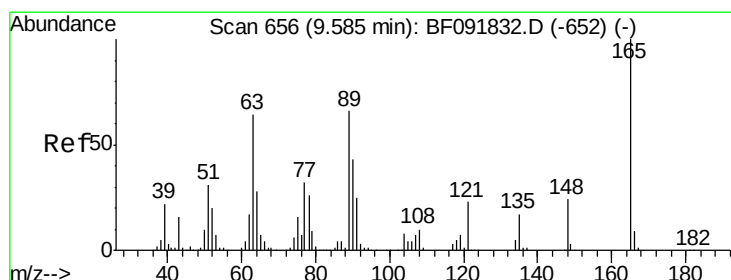
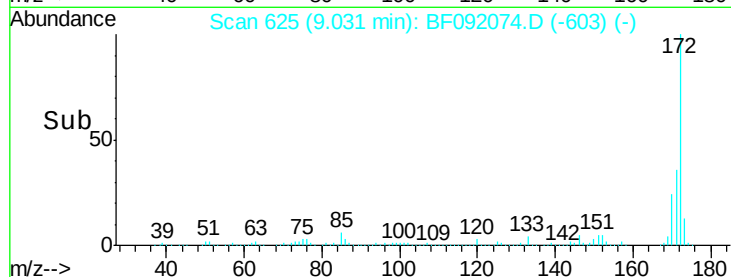
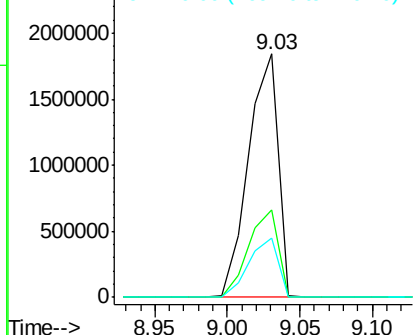
#44
 2-Fluorobiphenyl
 Concen: 60.82 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Tgt Ion:172 Resp: 2612405
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 20.2 30.4

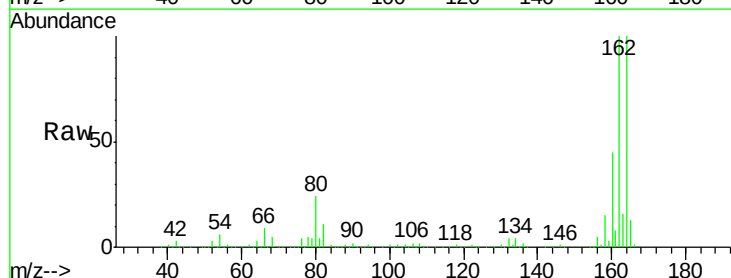


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

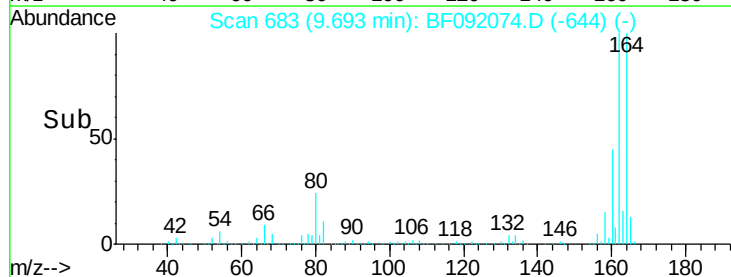
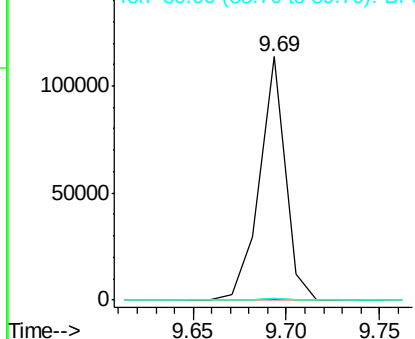


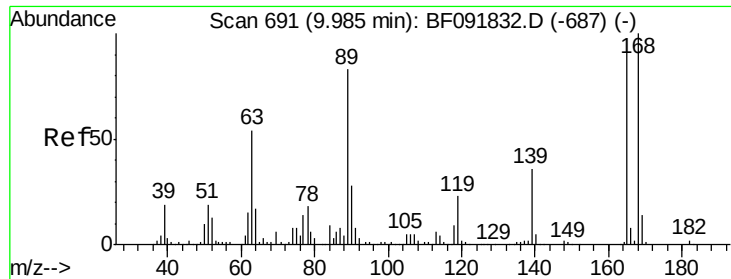
#50
 2,6-Dinitrotoluene
 Concen: 9.32 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.14 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Tgt Ion:165 Resp: 108302
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 0.9 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

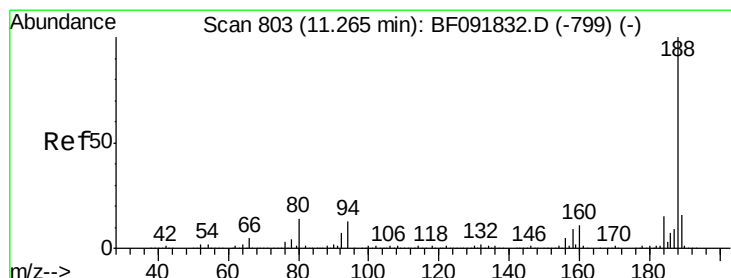
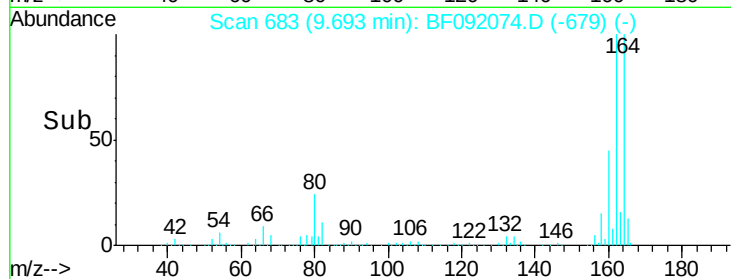
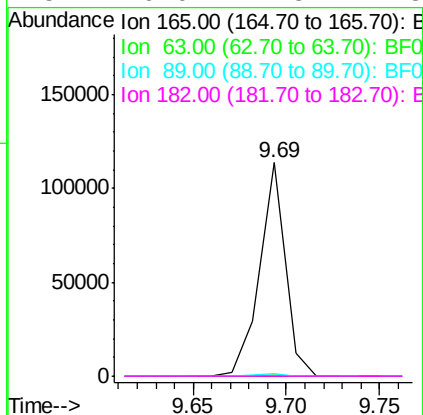
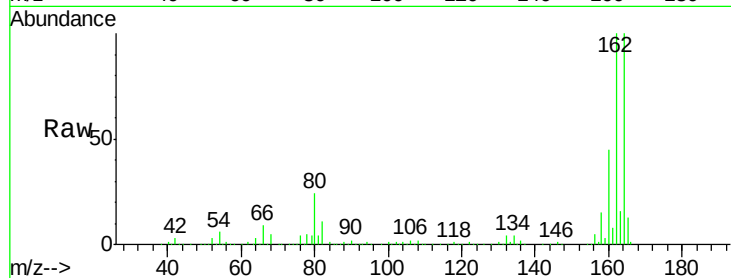




#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.26 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

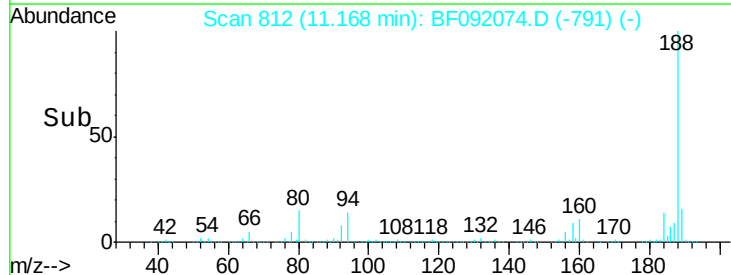
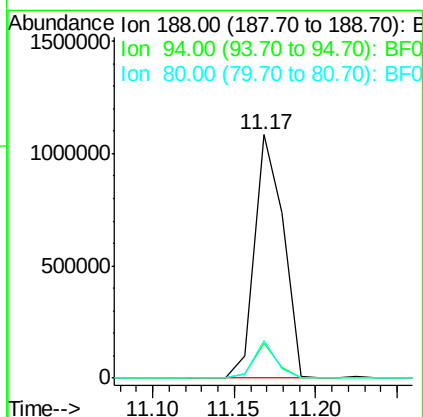
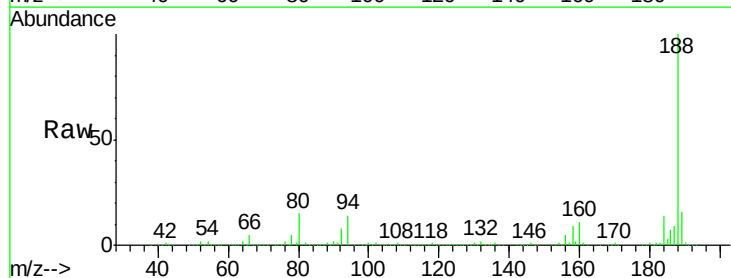
Instrument :
BNA_F
ClientSampleId :
PB95751BL

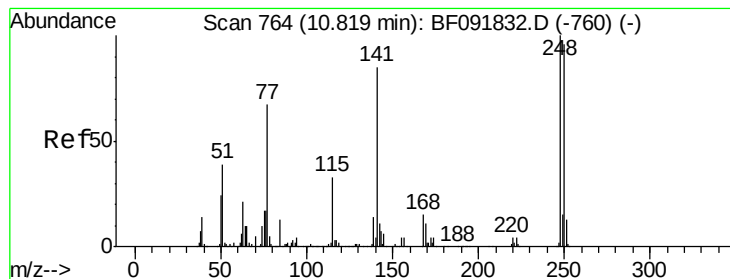
Tgt Ion:	165	Resp:	108302
Ion Ratio	Lower	Upper	
165	100		
63	0.7	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Tgt Ion:	188	Resp:	1329224
Ion Ratio	Lower	Upper	
188	100		
94	14.1	10.0	15.0
80	15.4	11.2	16.8





#66

4-Bromophenyl-phenylether

Concen: 2.37 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

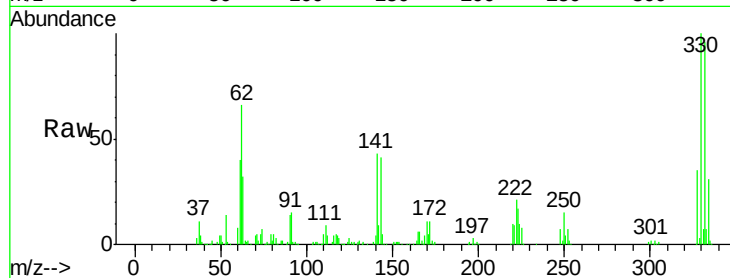
Tgt Ion:248 Resp: 32811

Ion Ratio Lower Upper

248 100

250 197.4 76.9 115.3#

141 581.1 68.2 102.4#

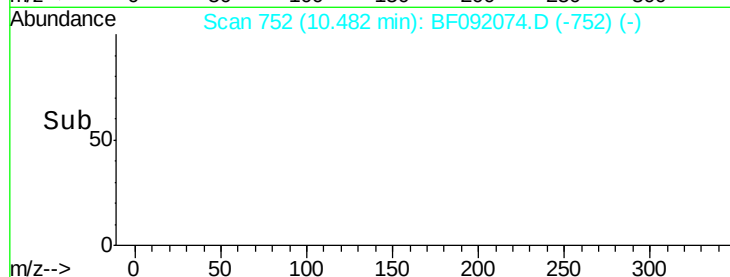


Abundance Ion 248.00 (247.70 to 248.70): E

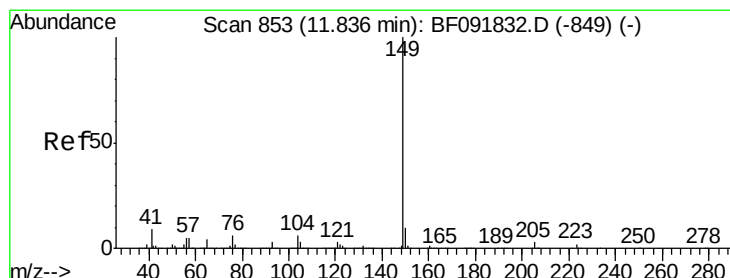
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

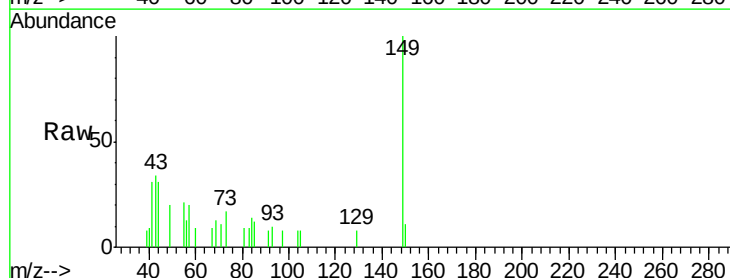
Tgt Ion:149 Resp: 4303

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

104 8.2 4.6 7.0#

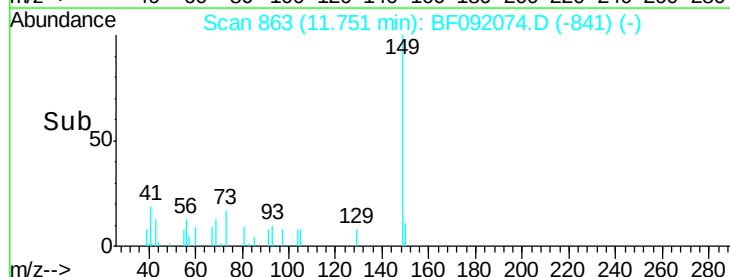


Abundance Ion 149.00 (148.70 to 149.70): E

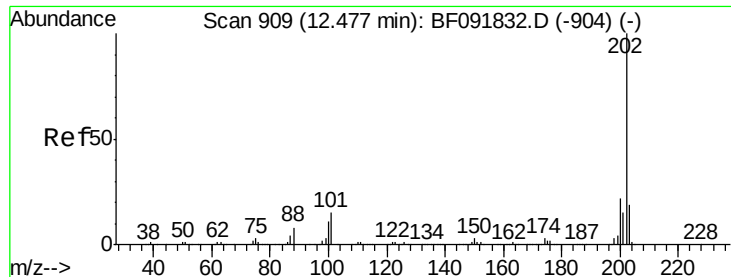
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



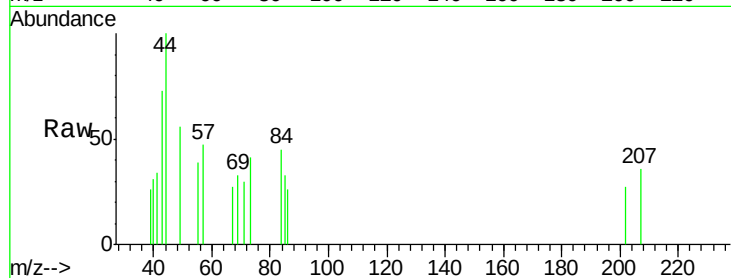
Time-->



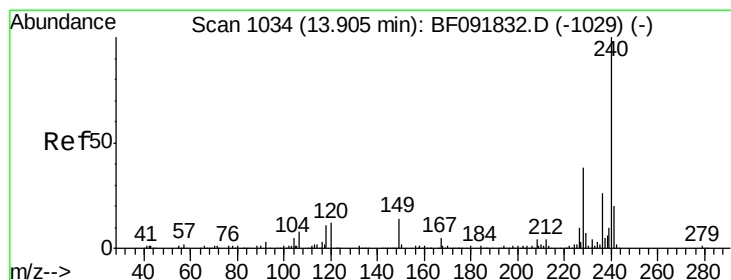
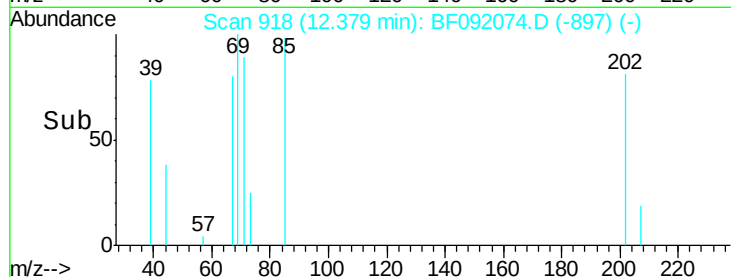
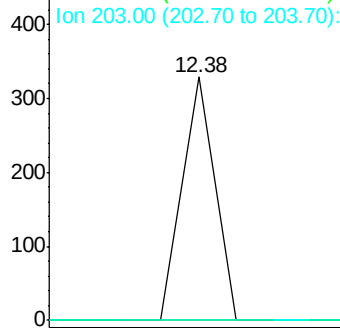
#74
Fluoranthene
Concen: Below Cal
RT: 12.38 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Instrument :
BNA_F
ClientSampleId :
PB95751BL

Tgt Ion: 202 Resp: 226
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7

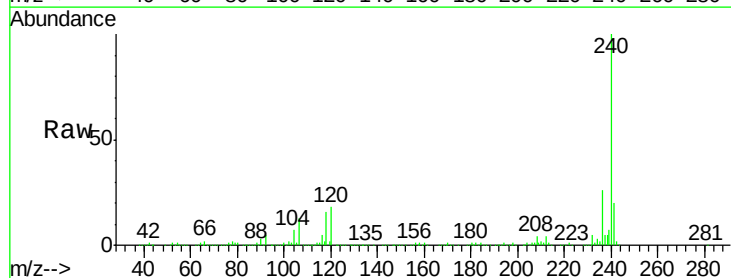


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

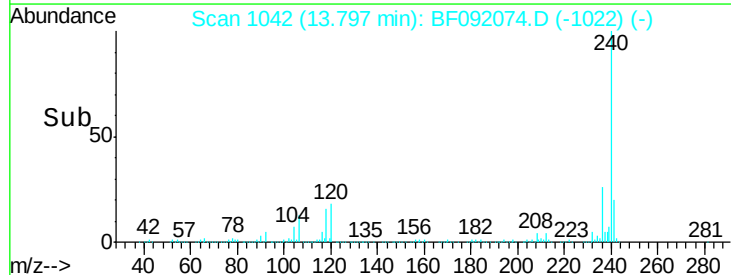
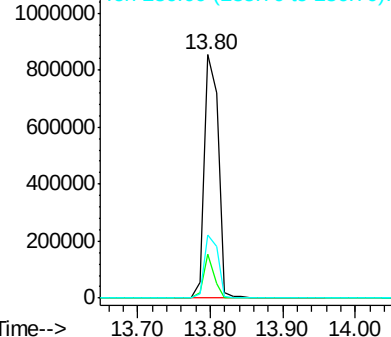


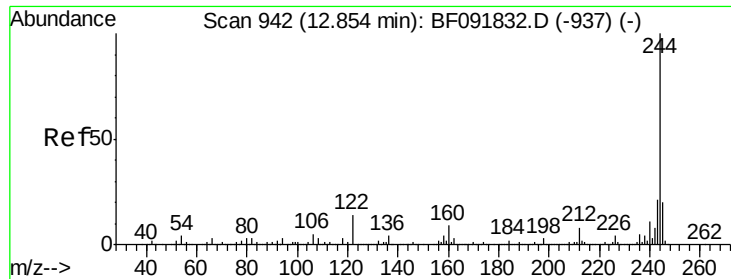
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Tgt Ion: 240 Resp: 1145973
Ion Ratio Lower Upper
240 100
120 17.8 12.9 19.3
236 25.9 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

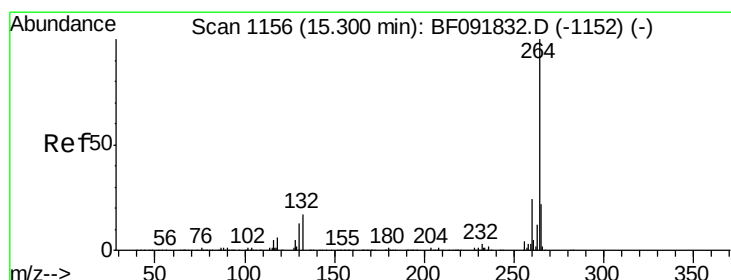
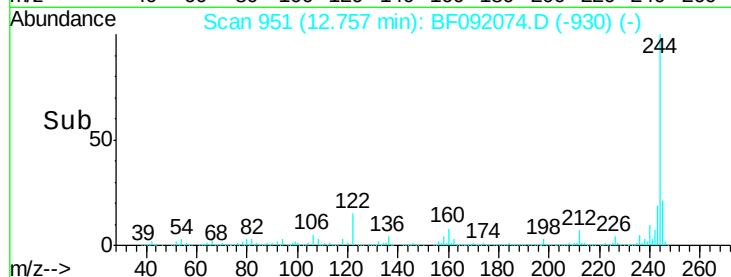
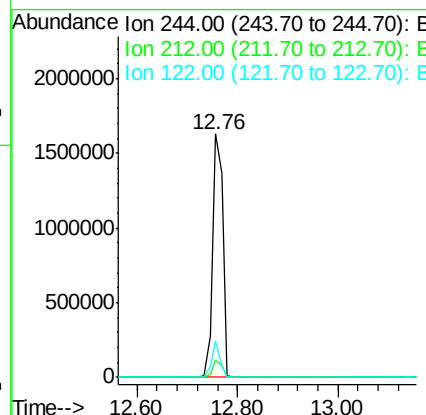
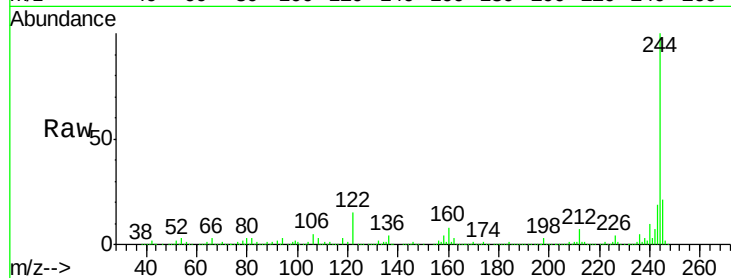




#78
 Terphenyl-d14
 Concen: 48.17 ng
 RT: 12.76 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Tgt Ion:244 Resp: 2276106
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 15.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Tgt Ion:264 Resp: 1004792
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.4 26.0

