

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092114.D
 Acq On : 6 Jan 2017 13:57
 Operator : UM/SJ
 Sample : PB95798BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Quant Time: Jan 06 22:26:30 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

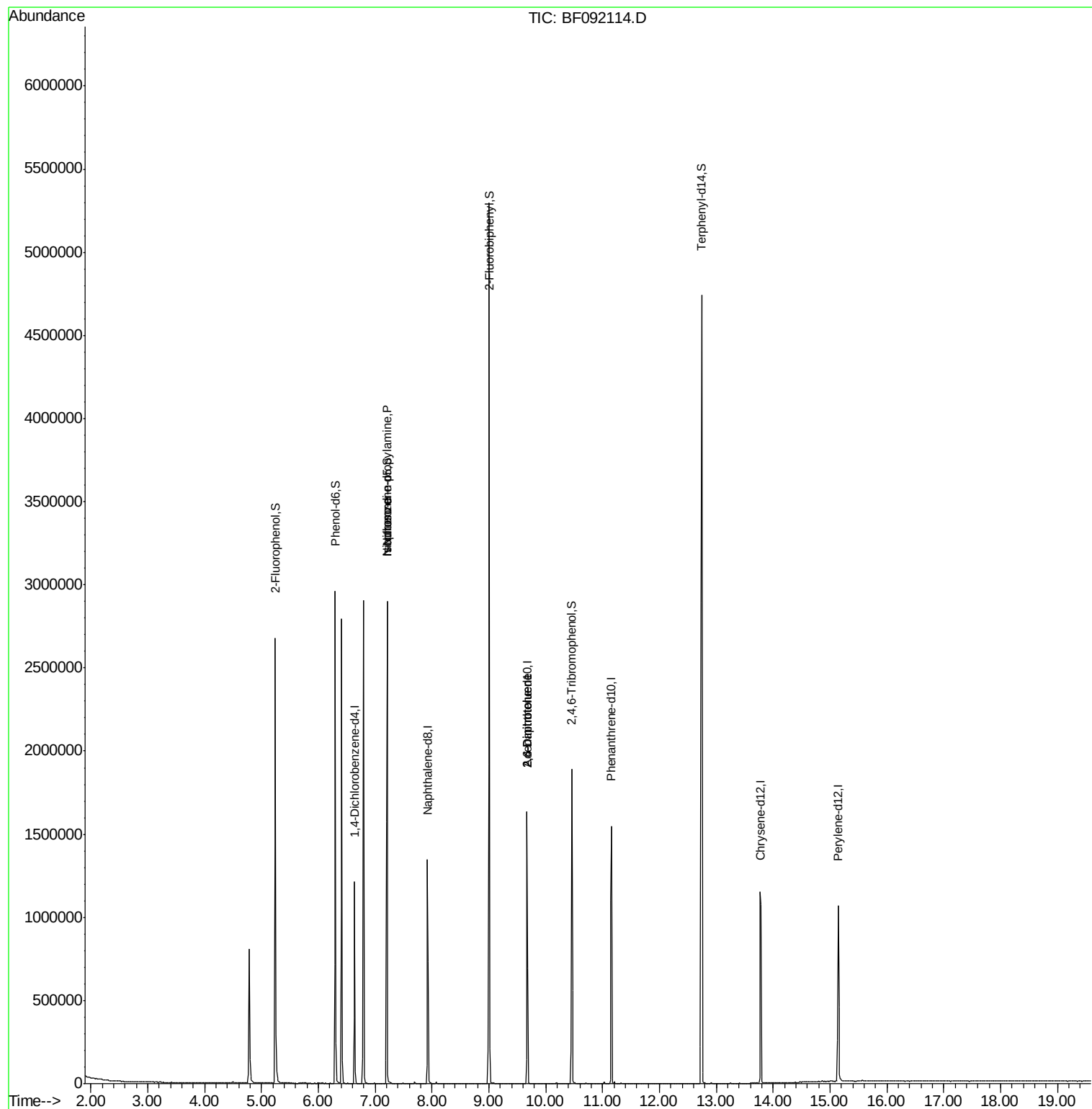
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185111	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	768163	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	405011	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	754342	20.00	ng	0.00
75) Chrysene-d12	13.79	240	593912	20.00	ng	0.00
86) Perylene-d12	15.15	264	467592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	930973	83.98	ng	0.01
7) Phenol-d6	6.30	99	1000045	73.88	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1155680	83.66	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	225159	67.18	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1725649	87.71	ng	0.00
78) Terphenyl-d14	12.74	244	1821071	74.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	1284	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	152972	16.99	ng	# 73
25) Isophorone	7.21	82	1121866	44.02	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	52357	9.23	ng	# 31
56) 2,4-Dinitrotoluene	9.67	165	52358	7.36	ng	# 20
71) Anthracene	11.16	178	304	Below Cal	#	1
73) Di-n-butylphthalate	11.73	149	1202	Below Cal	#	76
76) Benzydine	12.49	184	1531	Below Cal	#	65

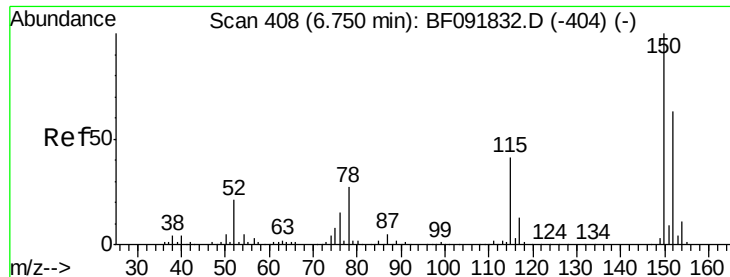
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

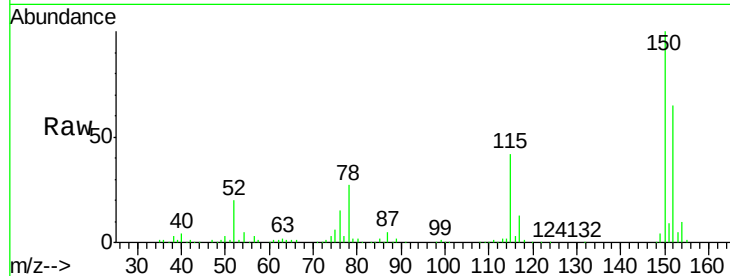
Tgt Ion:152 Resp: 185111

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

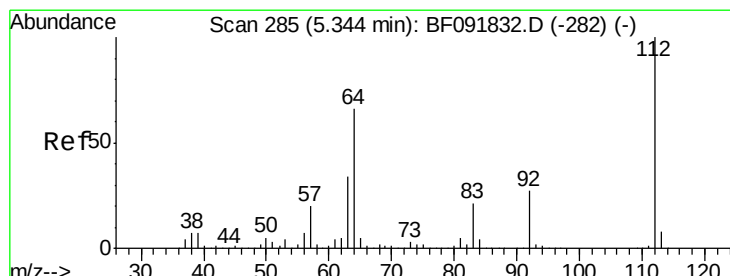
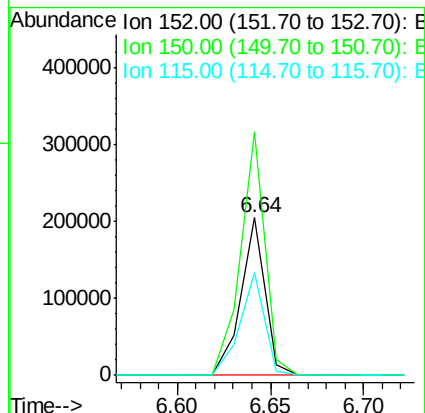
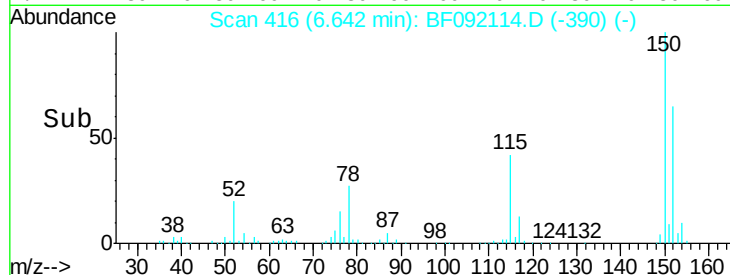
115 65.5 46.0 69.0



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: 83.98 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

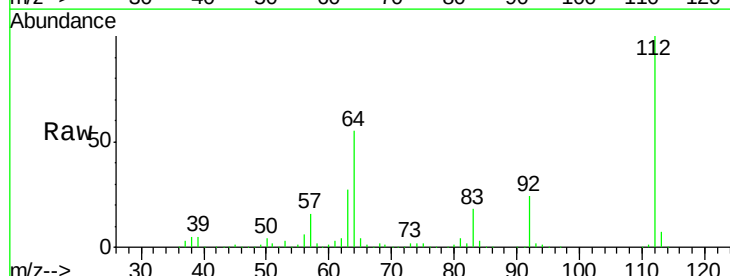
Tgt Ion:112 Resp: 930973

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

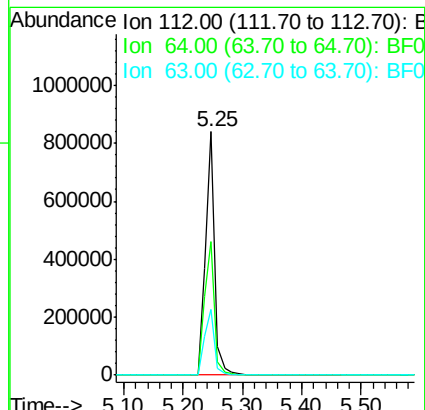
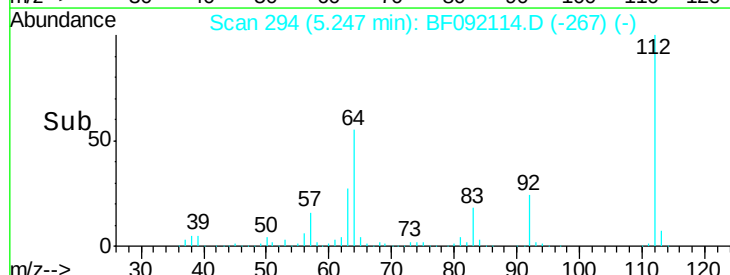
63 27.0 23.8 35.6

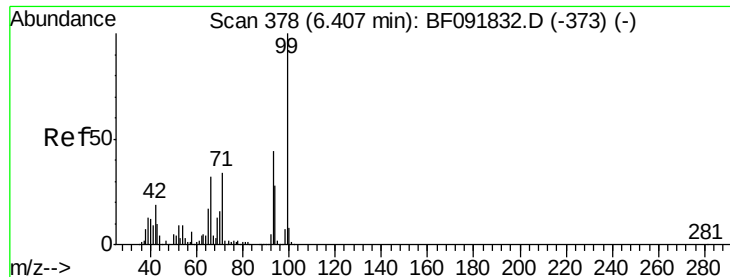


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 73.88 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

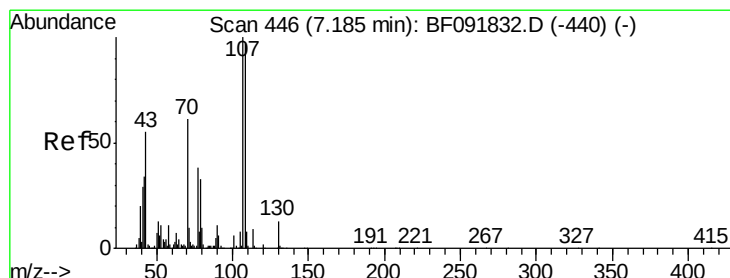
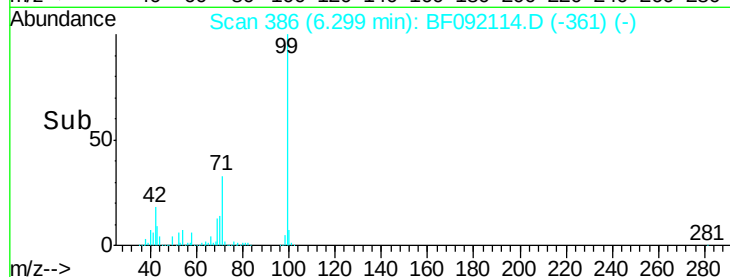
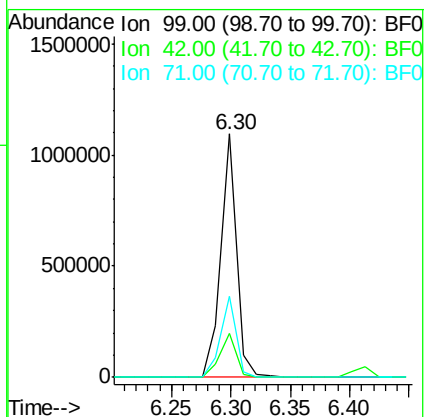
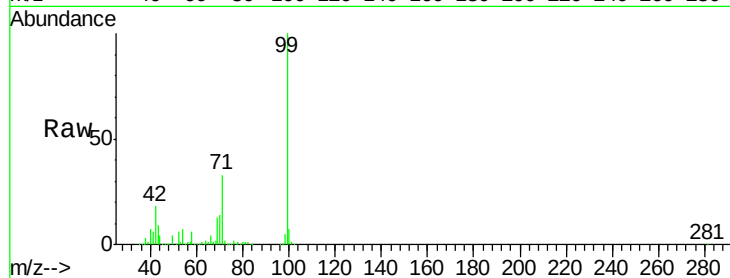
Tgt Ion: 99 Resp: 1000045

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 33.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.99 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Tgt Ion: 70 Resp: 152972

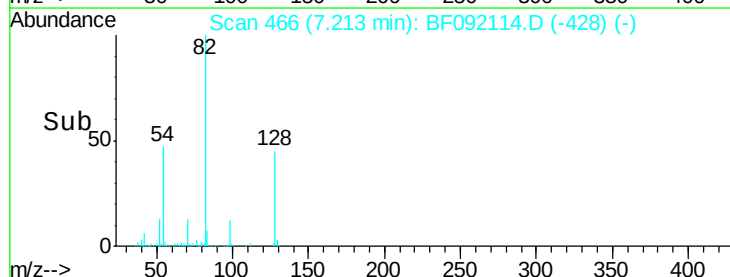
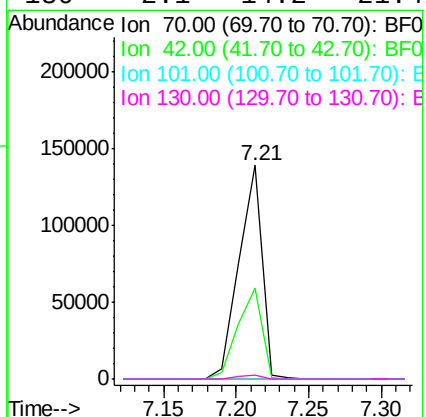
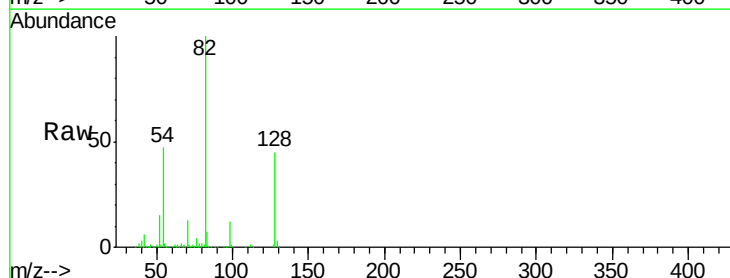
Ion Ratio Lower Upper

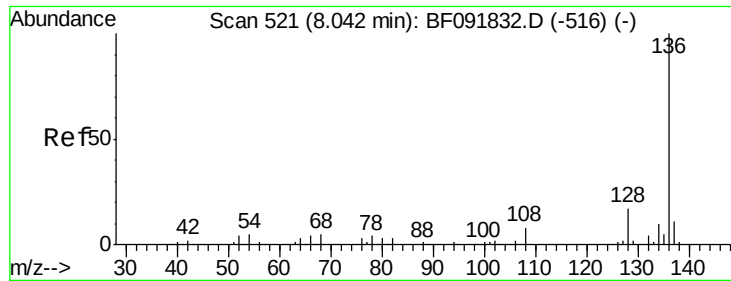
70 100

42 42.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

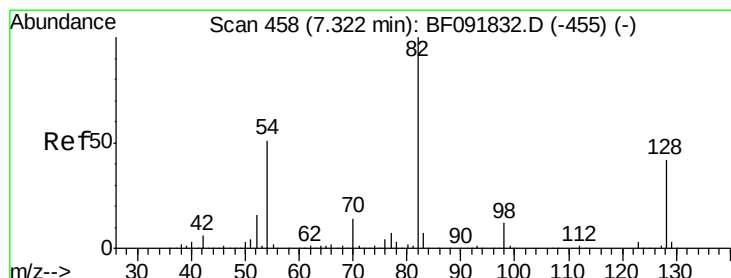
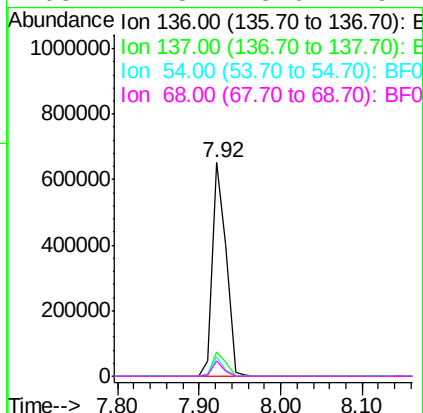
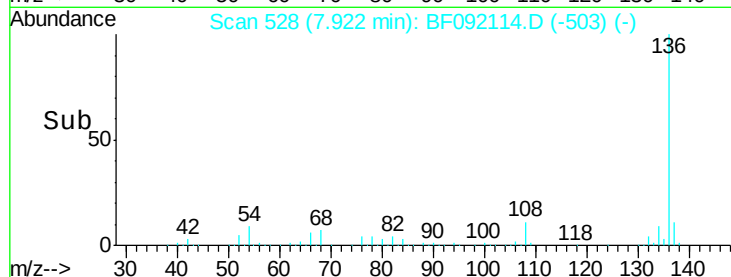
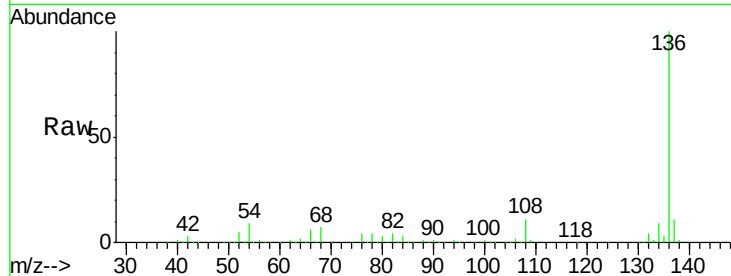




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

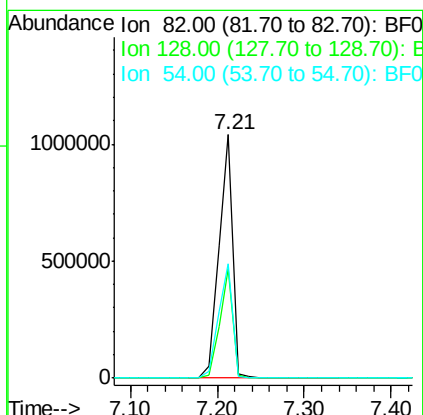
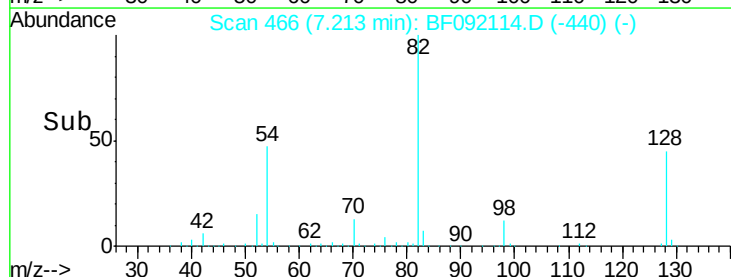
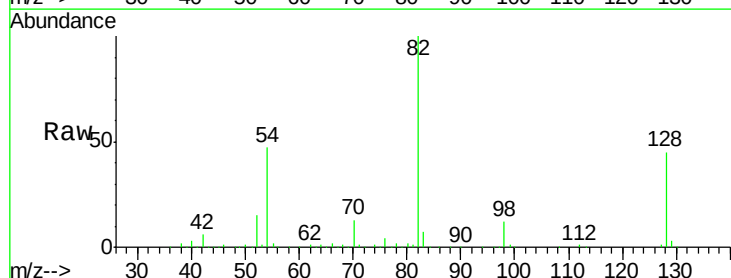
Instrument :
BNA_F
ClientSampled :
PB95798BL

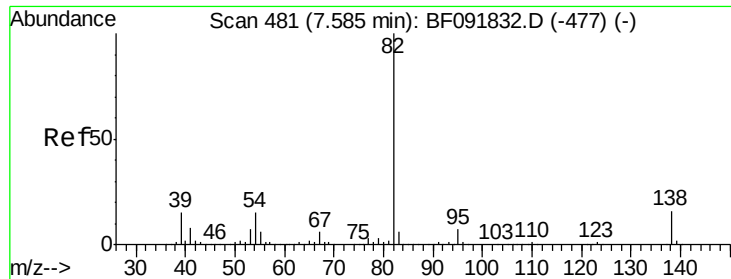
Tgt Ion:	136	Resp:	768163
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.3	4.5	6.7#
68	7.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.66 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Tgt Ion:	82	Resp:	1155680
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.6	52.0
54	46.9	39.5	59.3





#25

Isophorone

Concen: 44.02 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampled :

PB95798BL

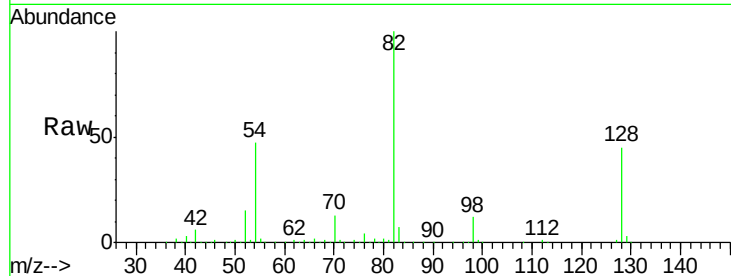
Tgt Ion: 82 Resp: 1121866

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

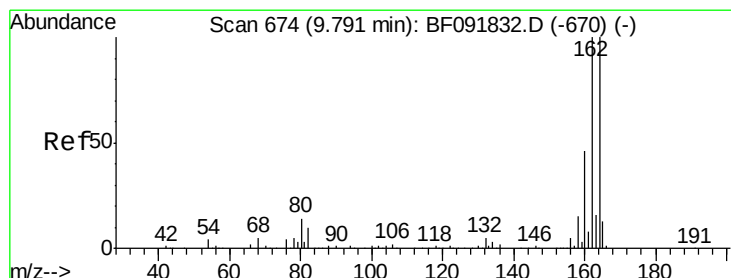
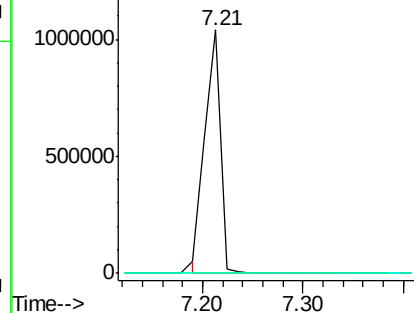
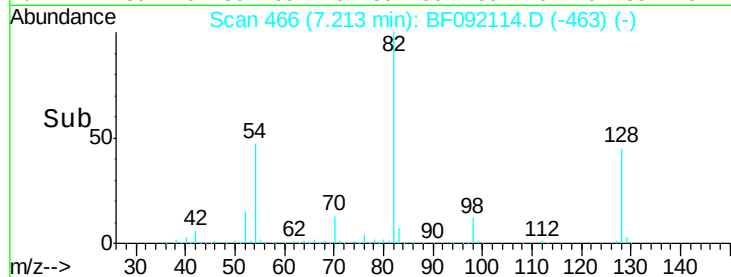
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

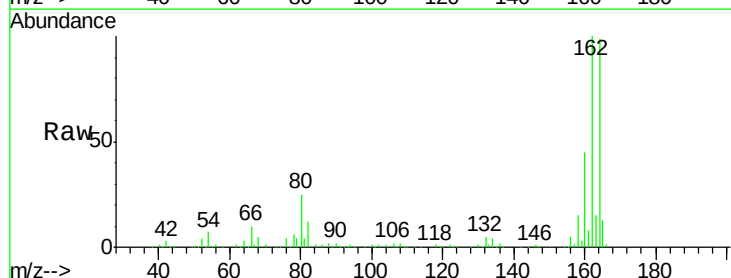
Tgt Ion: 164 Resp: 405011

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

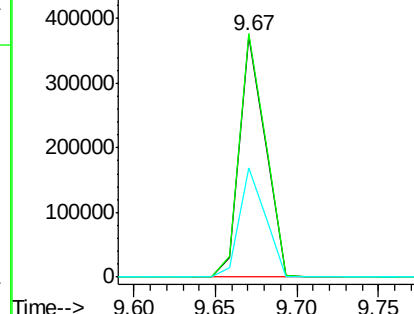
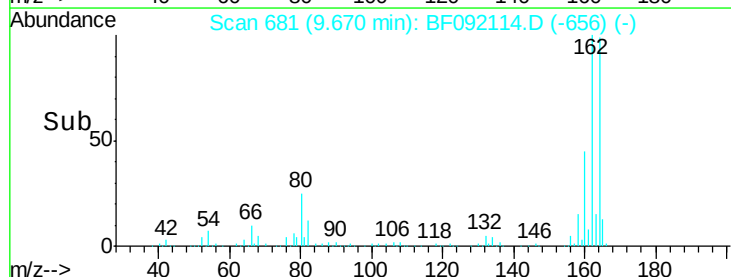
160 45.0 36.9 55.3

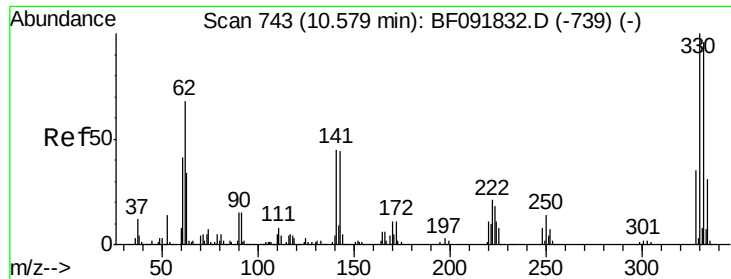


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

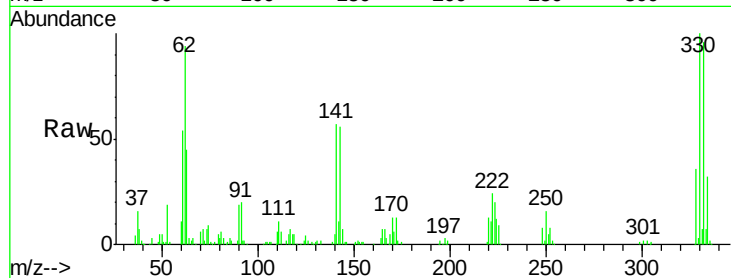




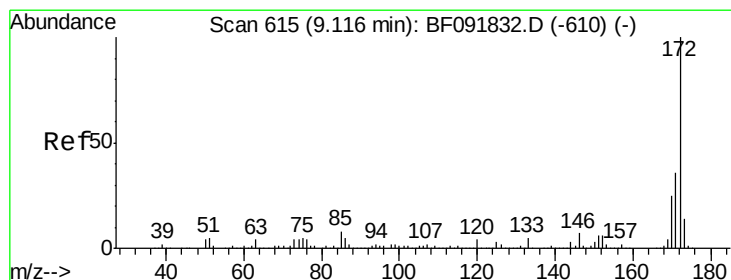
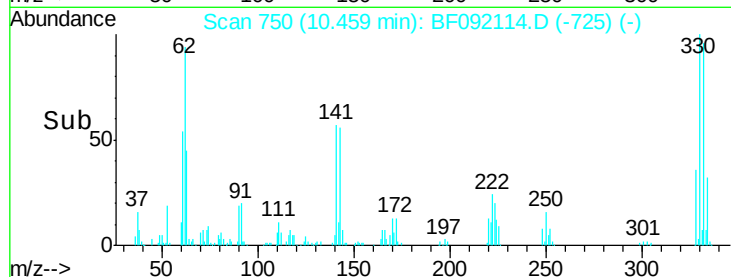
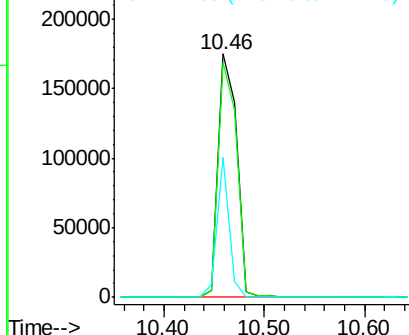
#41
 2,4,6-Tribromophenol
 Concen: 67.18 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Tgt Ion:330 Resp: 225159
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 37.3 34.1 51.1

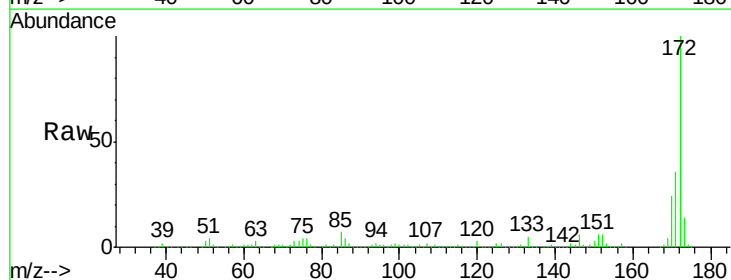


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

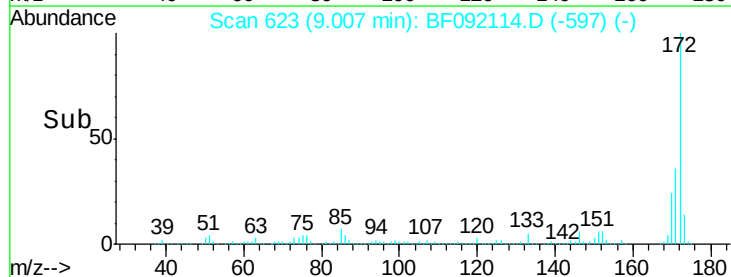
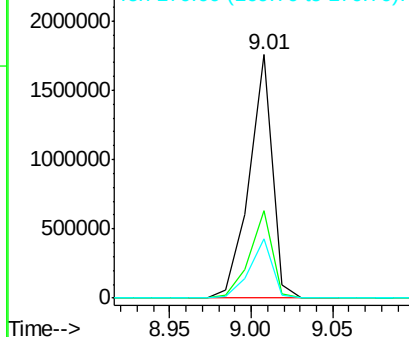


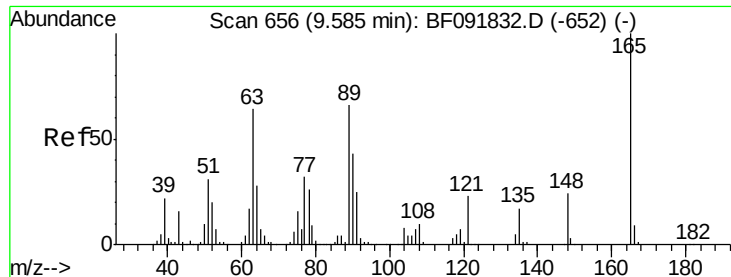
#44
 2-Fluorobiphenyl
 Concen: 87.71 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Tgt Ion:172 Resp: 1725649
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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: 9.23 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.19 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

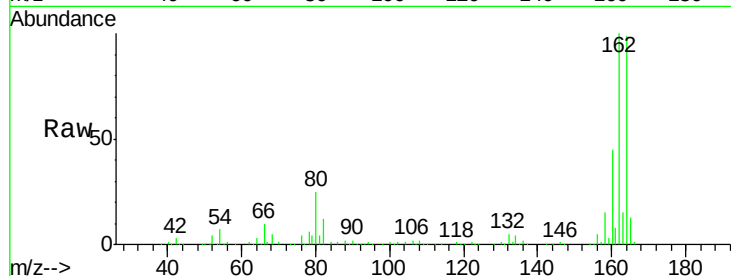
Tgt Ion:165 Resp: 52357

Ion Ratio Lower Upper

165 100

63 0.9 36.2 54.4#

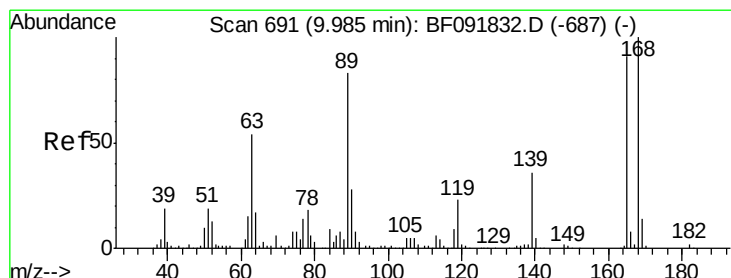
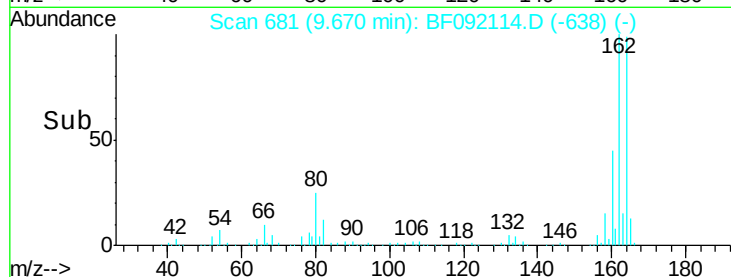
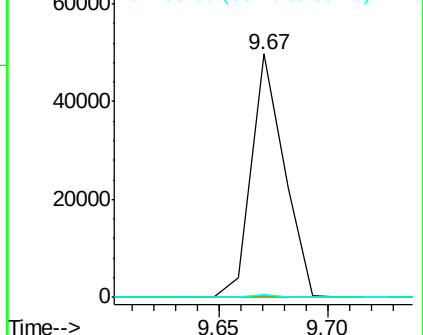
89 1.3 40.2 60.4#



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: 7.36 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Tgt Ion:165 Resp: 52358

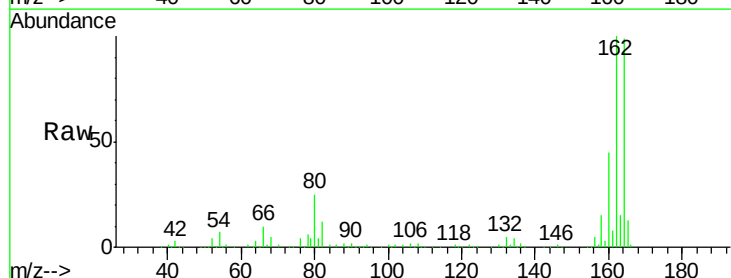
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

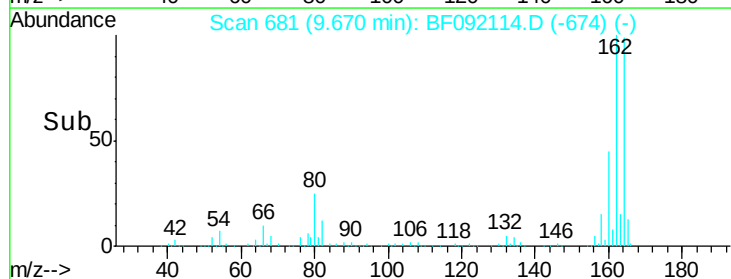
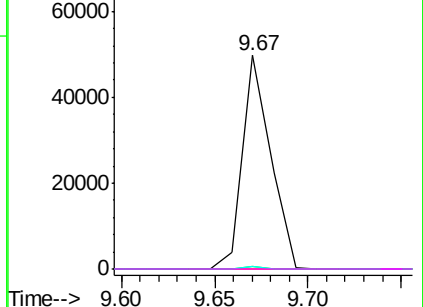


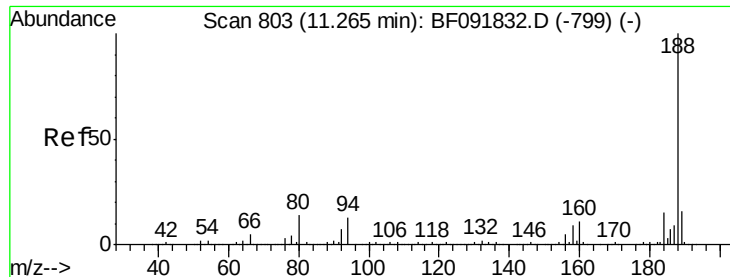
Abundance Ion 165.00 (164.70 to 165.70): E

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

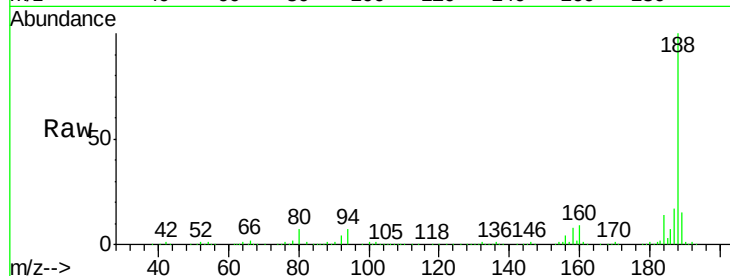




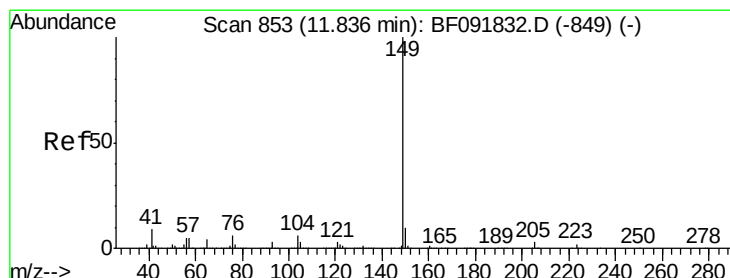
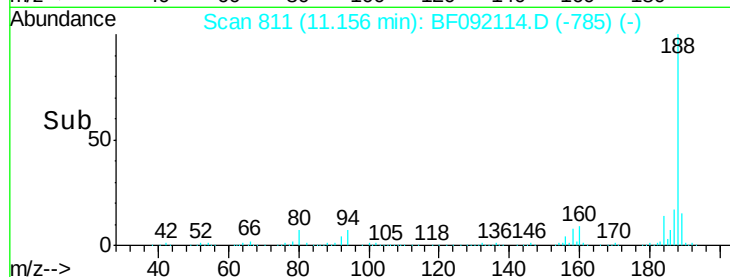
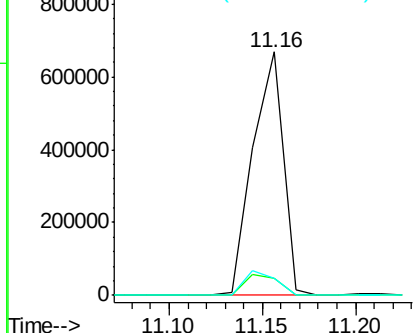
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Instrument :
BNA_F
ClientSampleId :
PB95798BL

Tgt Ion:188 Resp: 754342
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.1 11.2 16.8#

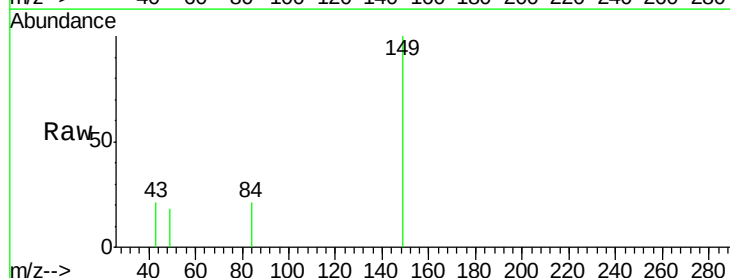


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

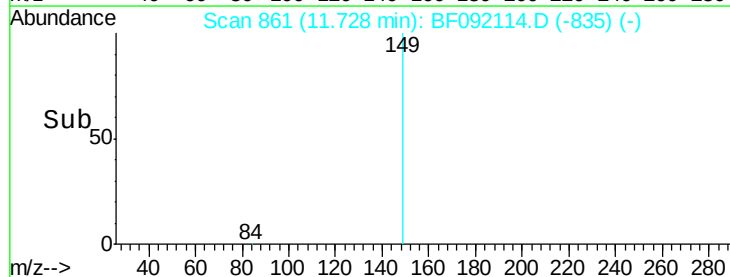
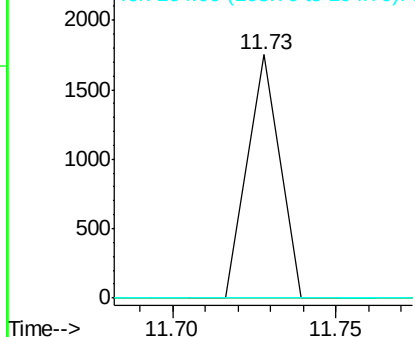


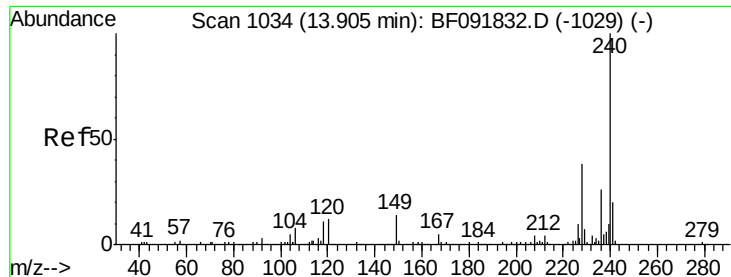
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Tgt Ion:149 Resp: 1202
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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

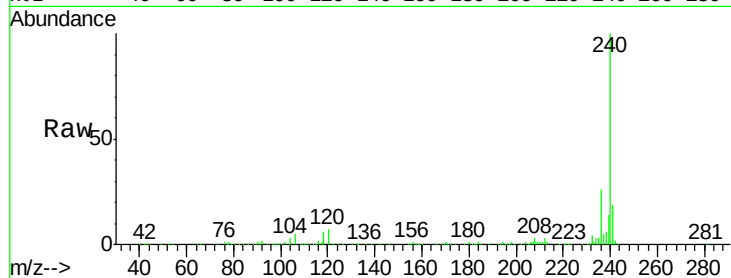
Tgt Ion:240 Resp: 593912

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

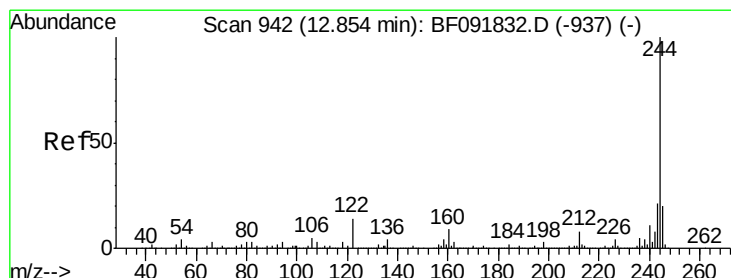
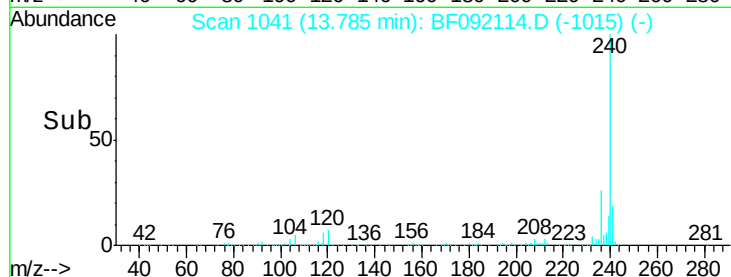
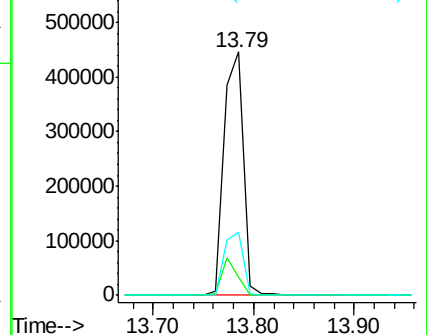
236 25.8 20.9 31.3



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: 74.36 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

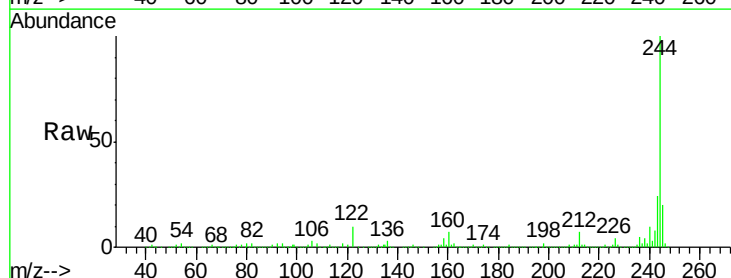
Tgt Ion:244 Resp: 1821071

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

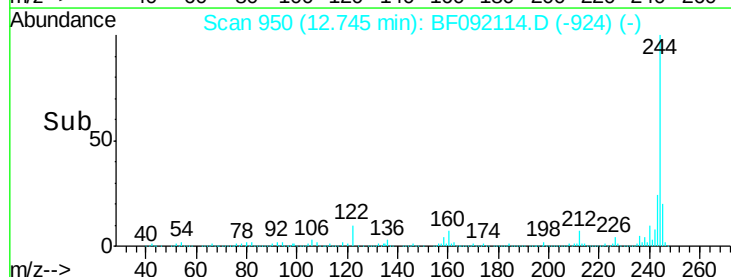
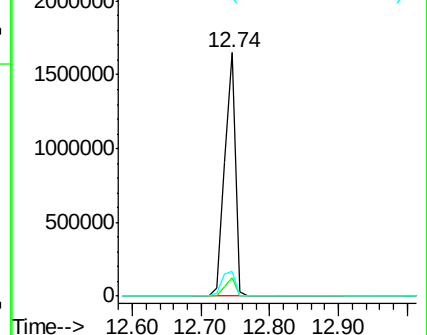
122 10.1 11.4 17.2#

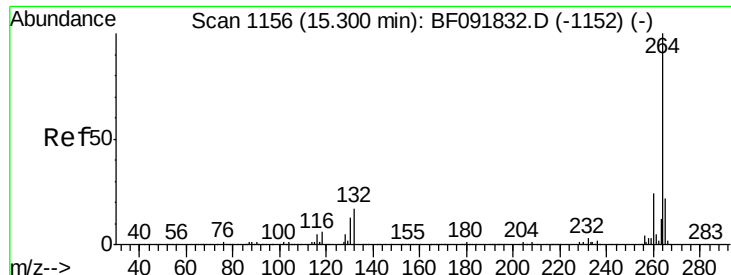


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

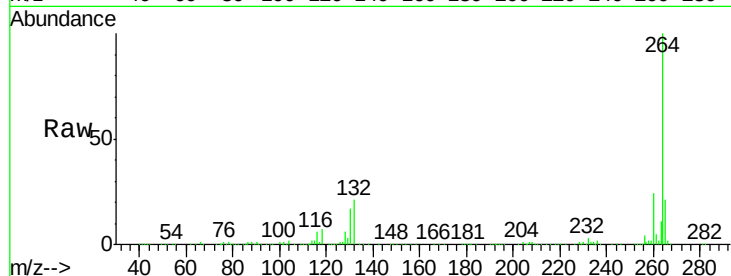




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Instrument :
BNA_F
ClientSampleId :
PB95798BL

Tgt Ion: 264 Resp: 467592
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.4 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

