

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092142.D
 Acq On : 9 Jan 2017 17:27
 Operator : UM/SJ
 Sample : PB95818BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BL

Quant Time: Jan 09 22:31:21 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

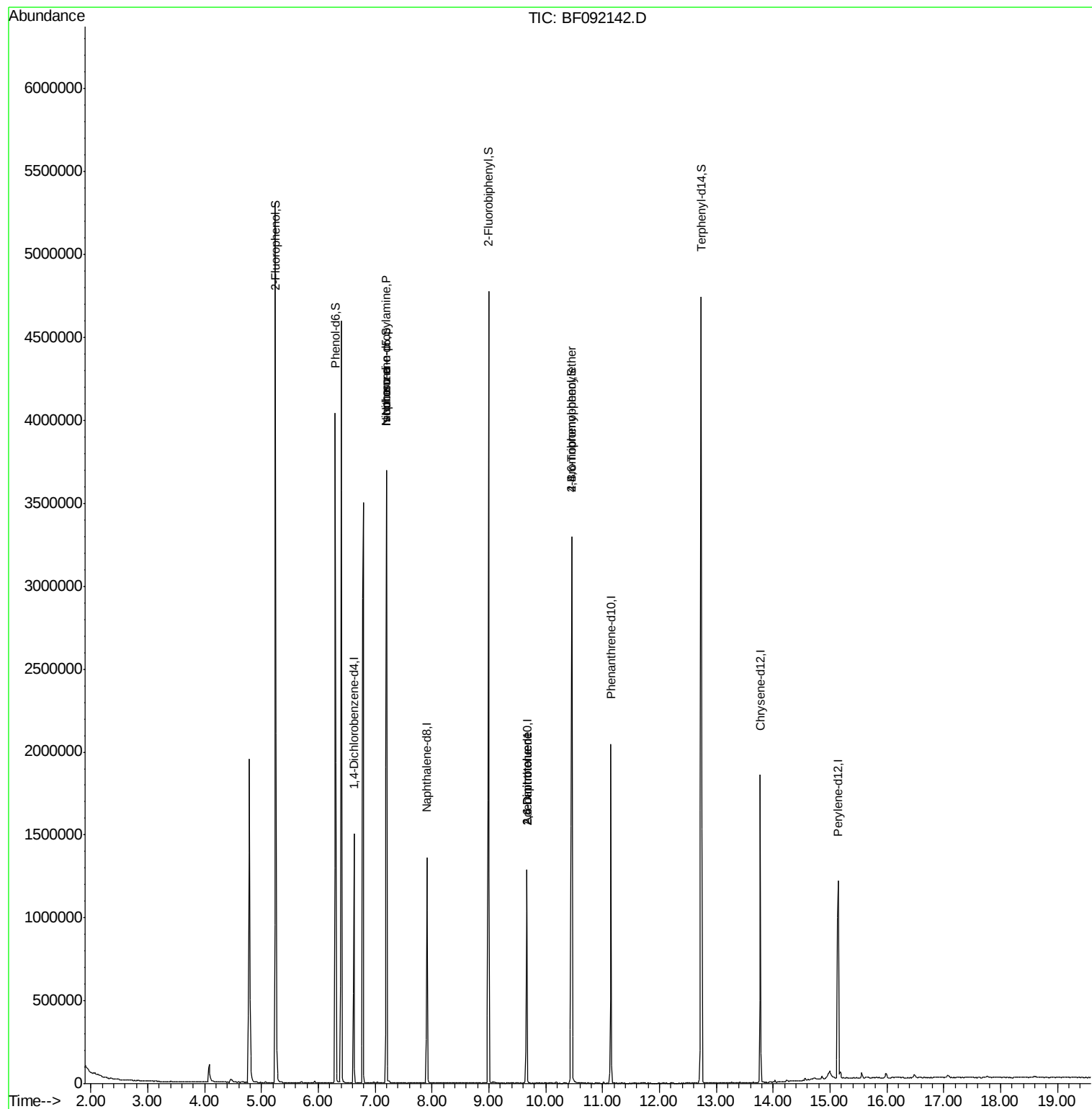
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	252693	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	940232	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	424056	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	763660	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	649711	20.00	ng	-0.01
86) Perylene-d12	15.15	264	621409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1757308	116.12	ng	0.01
7) Phenol-d6	6.30	99	1856019	100.45	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1476788	87.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	454256	129.44	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1910484	93.62	ng	-0.01
78) Terphenyl-d14	12.73	244	1861970	69.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	2372	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	197213	16.04	ng	# 76
25) Isophorone	7.20	82	1405199	45.04	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	54874	9.24	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	54874	7.36	ng	# 19
66) 4-Bromophenyl-phenylether	10.46	248	29563	3.72	ng	# 1
71) Anthracene	11.14	178	213	Below Cal	#	1
73) Di-n-butylphthalate	11.72	149	604	Below Cal	#	76

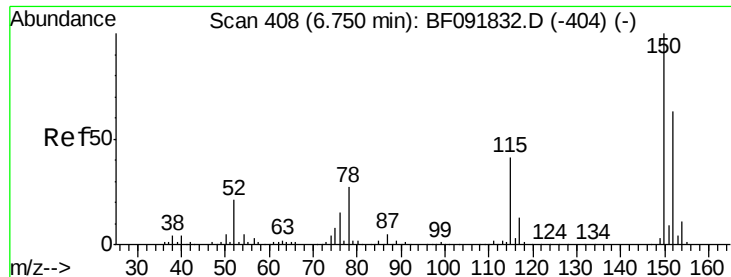
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jan 09 22:31:21 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampled :

PB95818BL

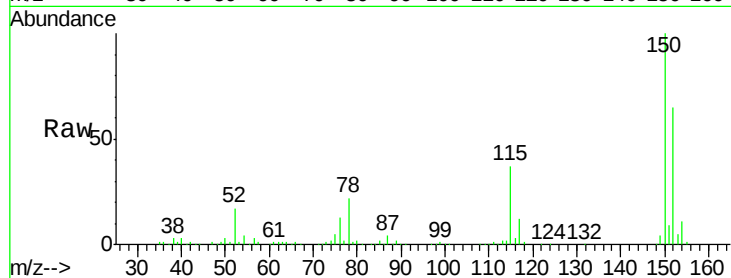
Tgt Ion:152 Resp: 252693

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

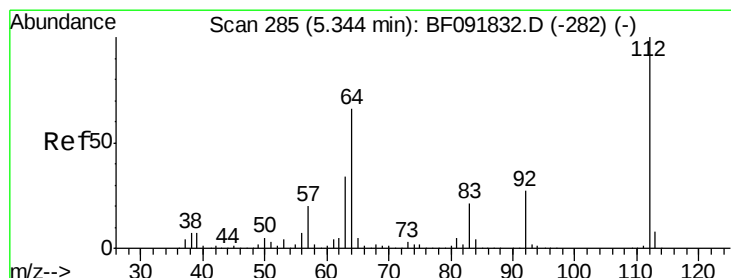
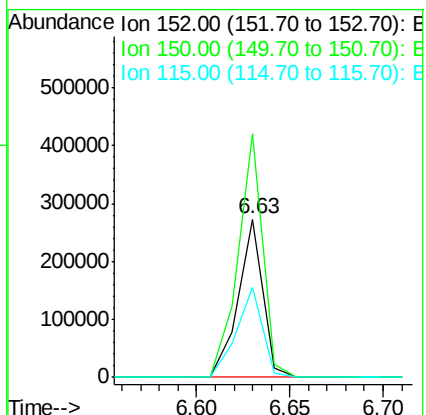
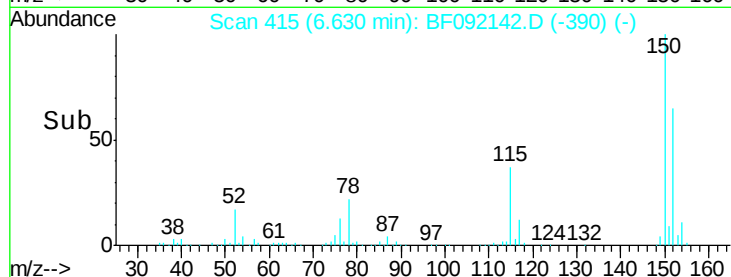
115 57.1 46.0 69.0



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: 116.12 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

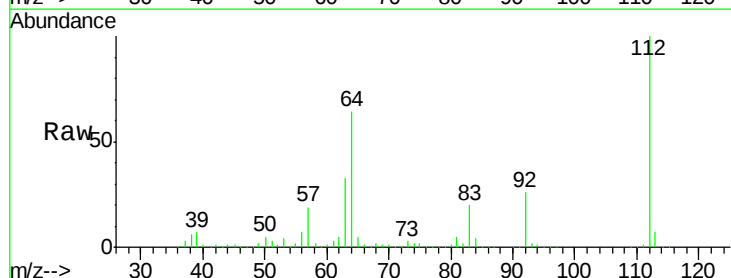
Tgt Ion:112 Resp: 1757308

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

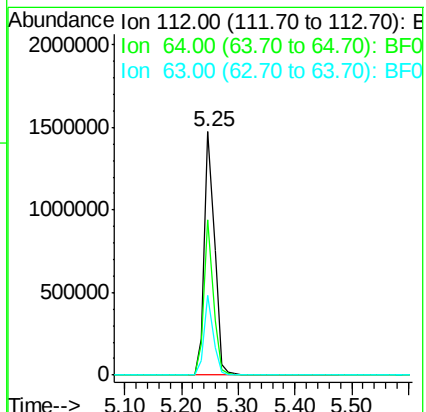
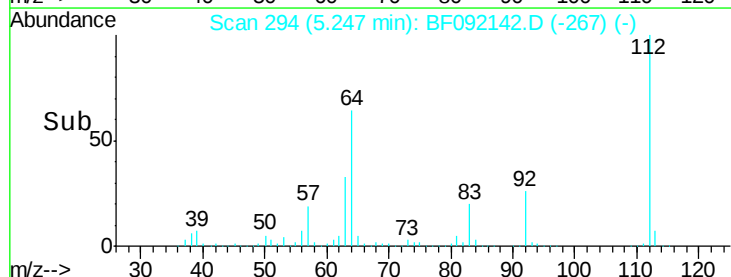
63 32.8 23.8 35.6



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: 100.45 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

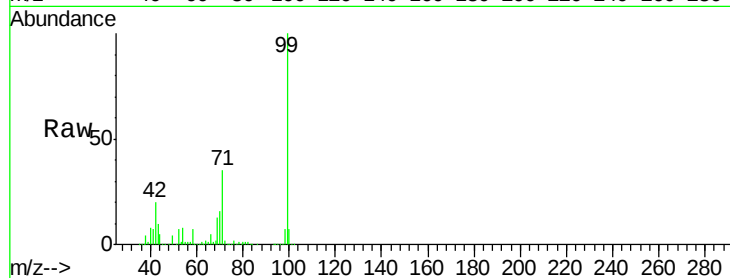
Tgt Ion: 99 Resp: 1856019

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

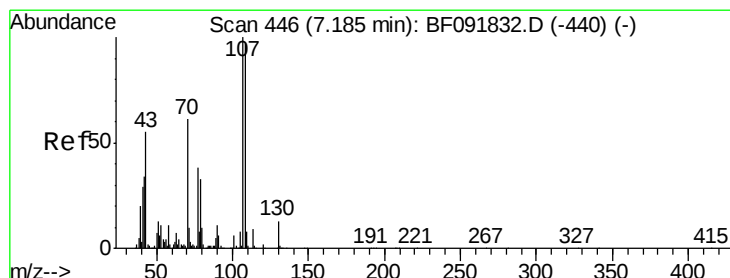
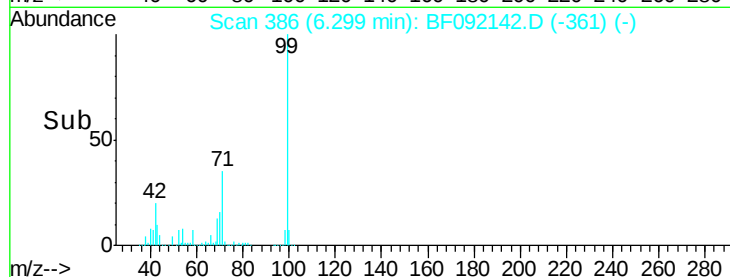
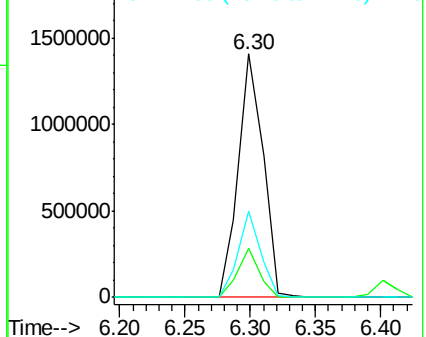
71 35.4 27.5 41.3



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: 16.04 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Tgt Ion: 70 Resp: 197213

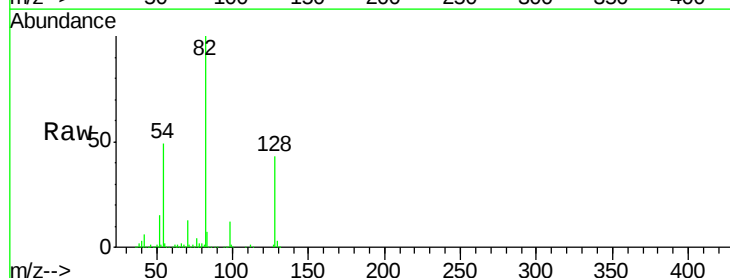
Ion Ratio Lower Upper

70 100

42 45.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

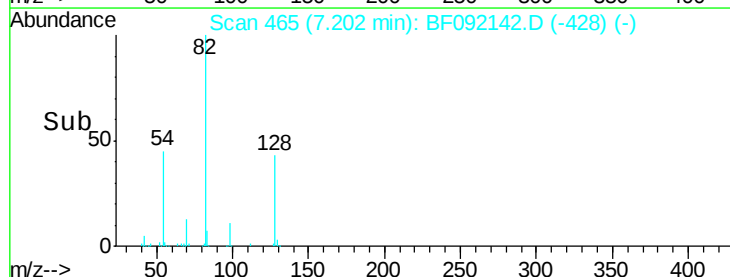
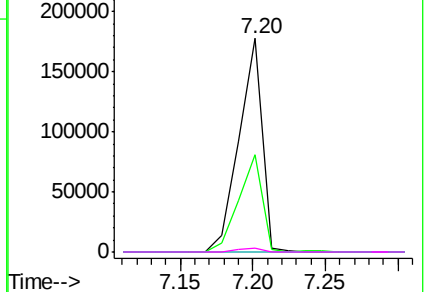


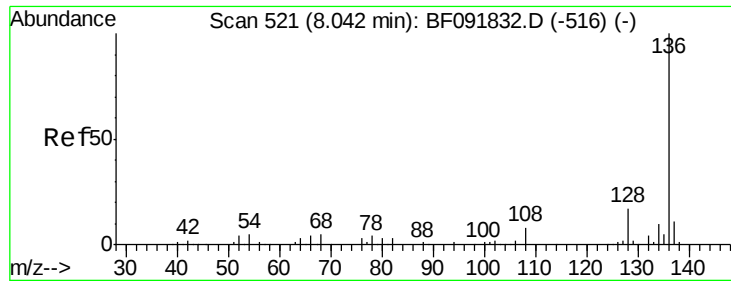
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

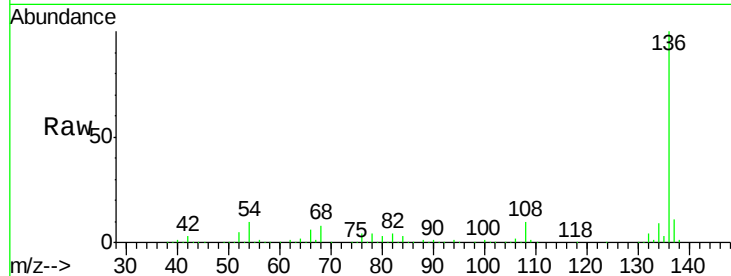




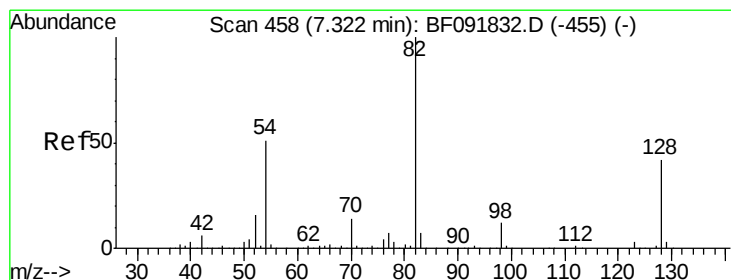
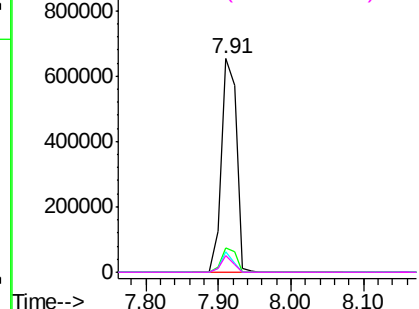
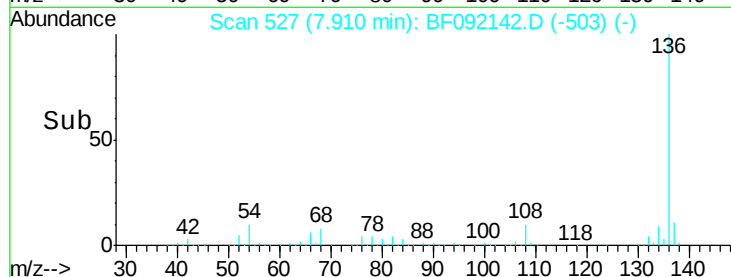
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB95818BL

Tgt Ion:	136	Resp:	940232
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.8	4.5	6.7#
68	7.9	3.6	5.4#

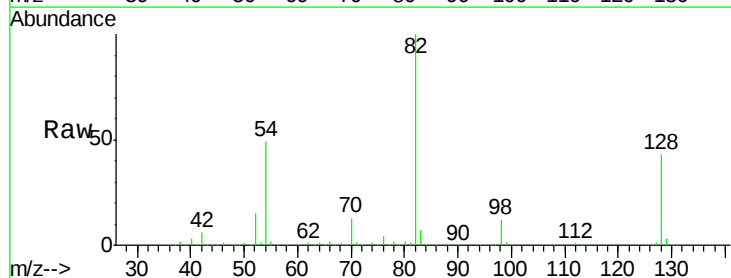


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

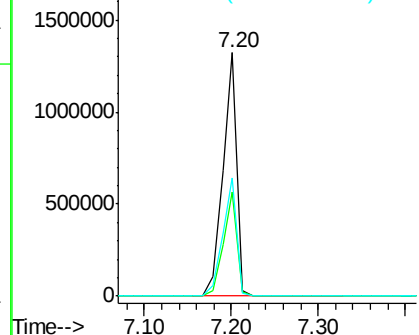
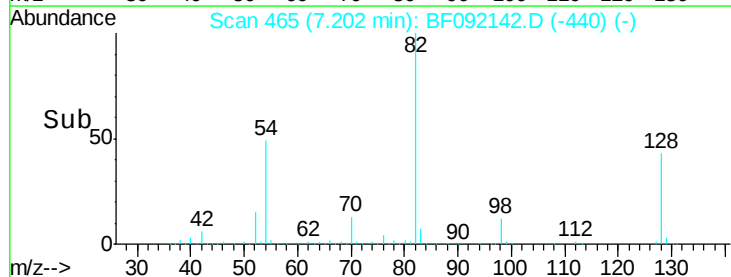


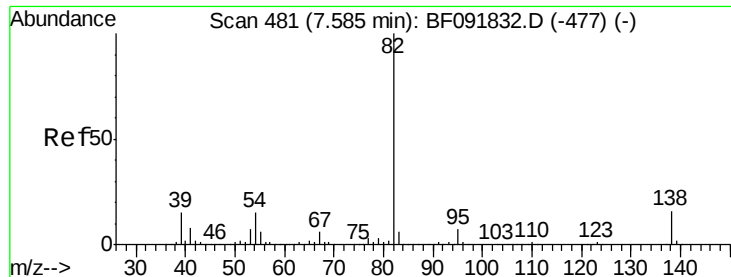
#23
Nitrobenzene-d5
Concen: 87.34 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

Tgt Ion:	82	Resp:	1476788
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	48.5	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





#25

Isophorone

Concen: 45.04 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

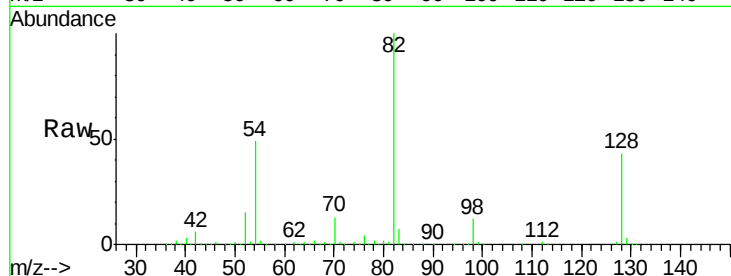
Tgt Ion: 82 Resp: 1405199

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

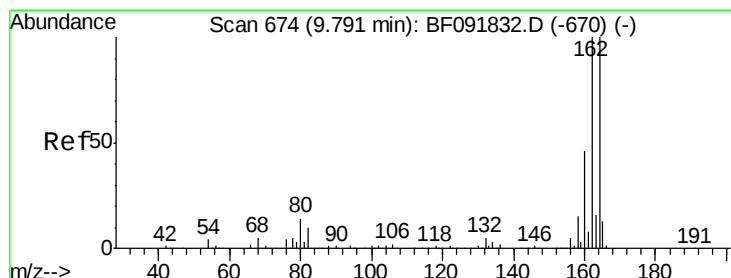
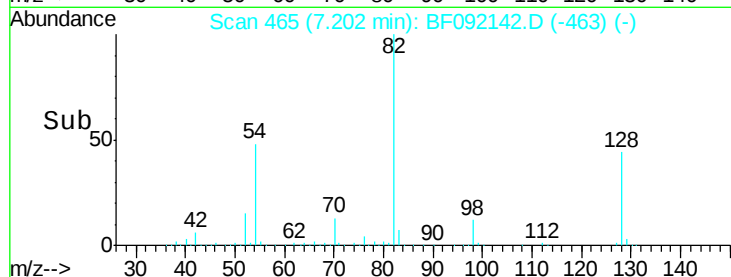
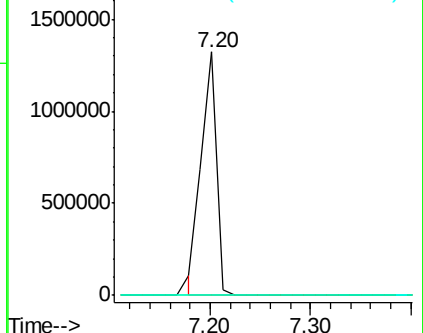
138 0.0 14.6 22.0#



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: BF092142.D

Acq: 9 Jan 2017 17:27

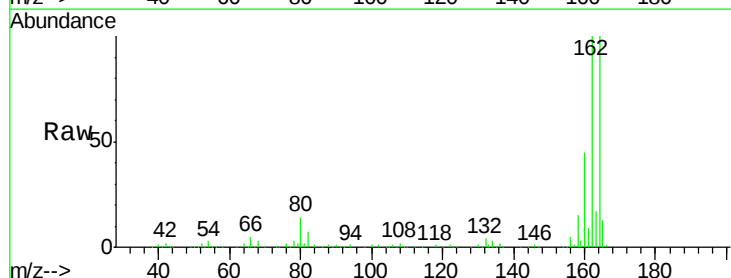
Tgt Ion: 164 Resp: 424056

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

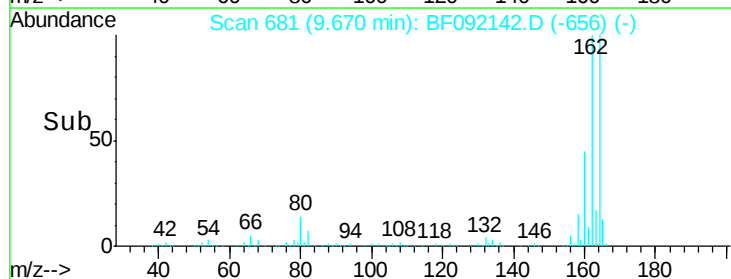
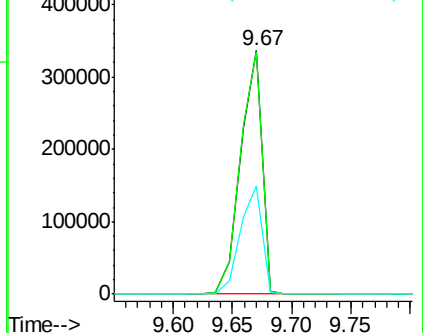
160 44.5 36.9 55.3

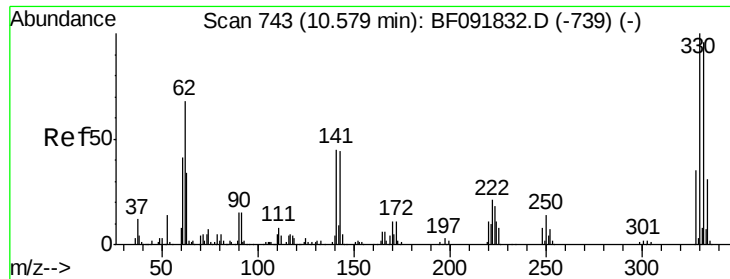


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

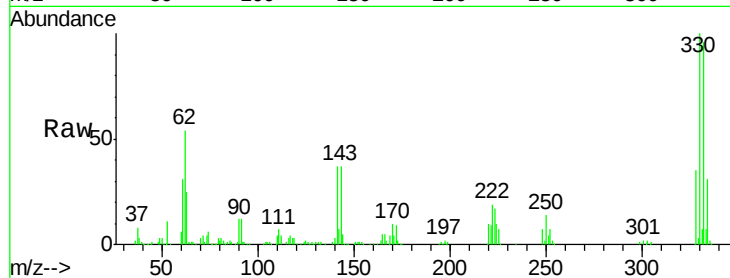




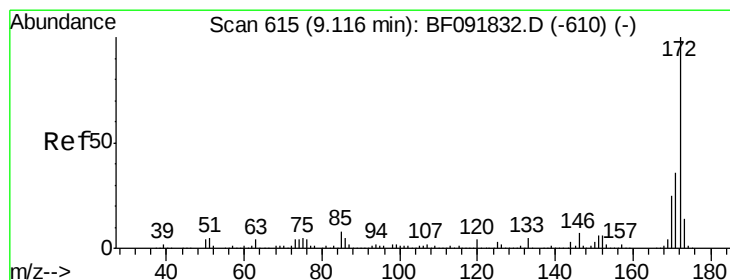
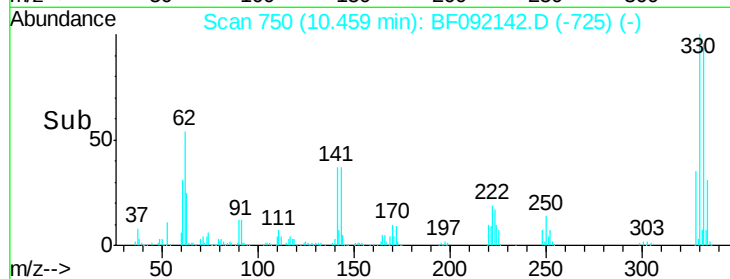
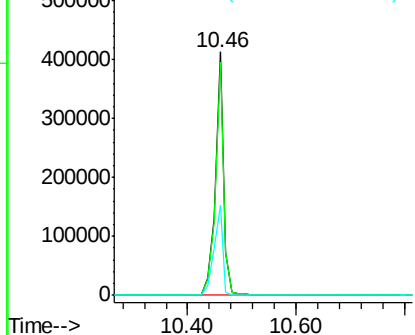
#41
 2,4,6-Tribromophenol
 Concen: 129.44 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampled :
 PB95818BL

Tgt Ion:330 Resp: 454256
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.4 34.1 51.1

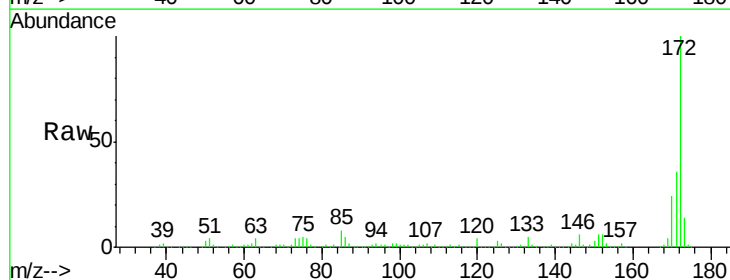


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

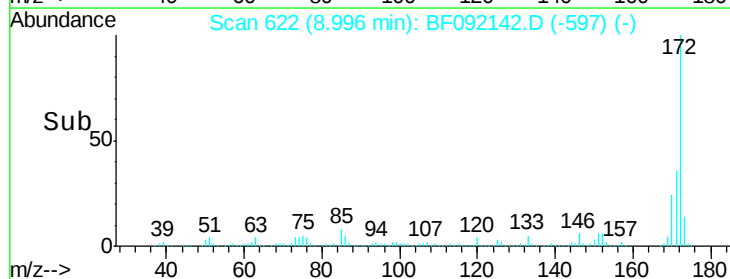
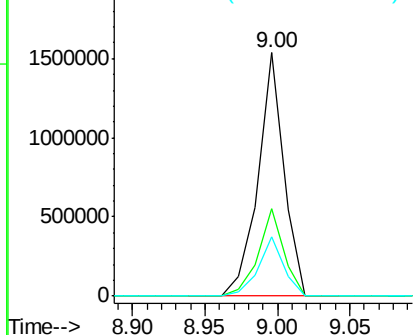


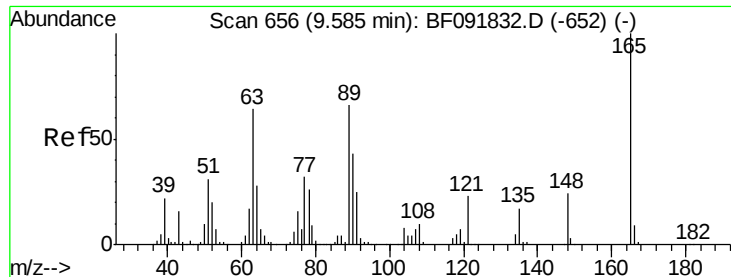
#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Tgt Ion:172 Resp: 1910484
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 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

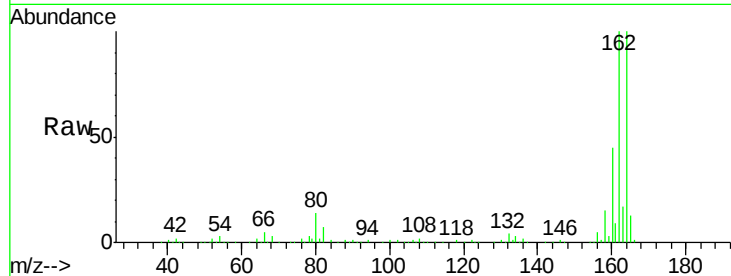




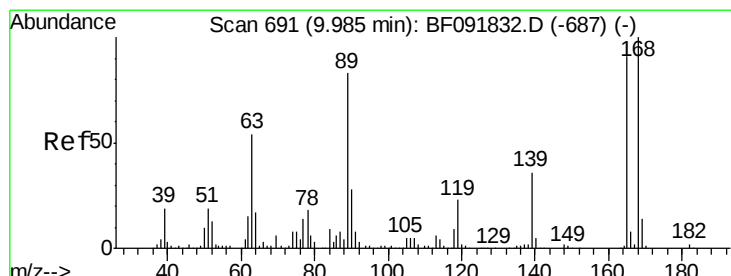
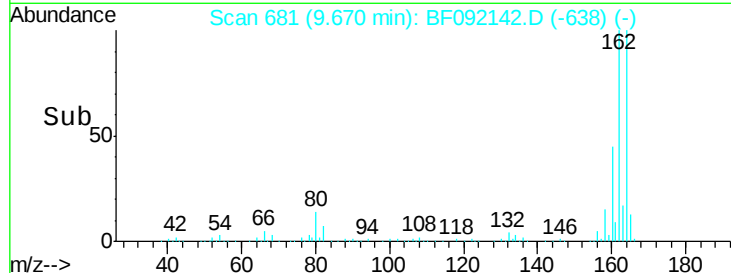
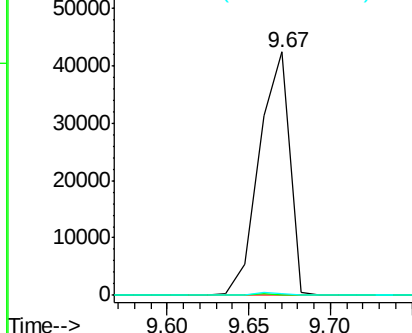
#50
 2,6-Dinitrotoluene
 Concen: 9.24 ng
 RT: 9.67 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampled :
 PB95818BL

Tgt Ion:165 Resp: 54874
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 0.8 40.2 60.4#



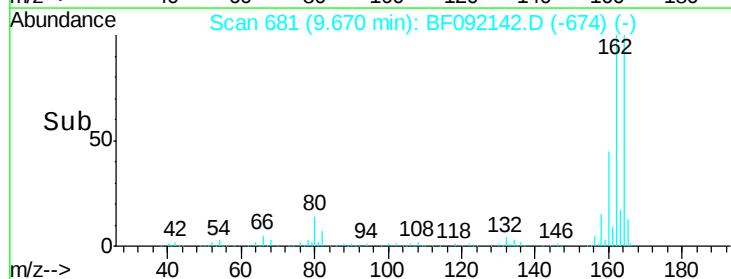
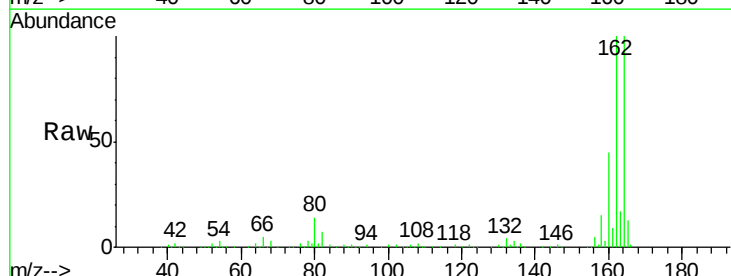
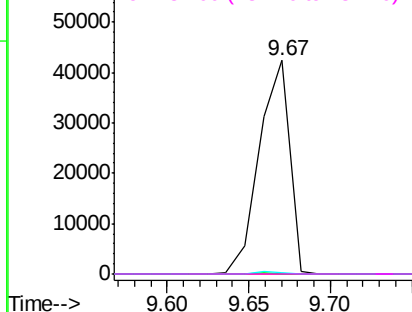
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

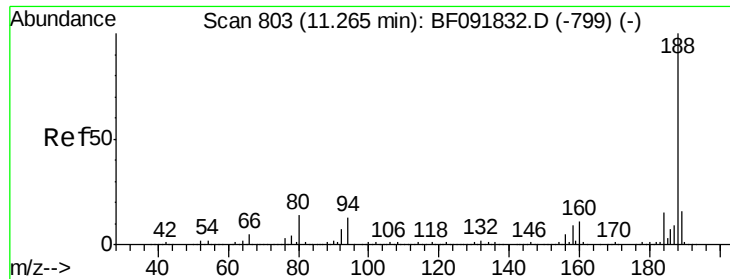


#56
 2,4-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Tgt Ion:165 Resp: 54874
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 0.8 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

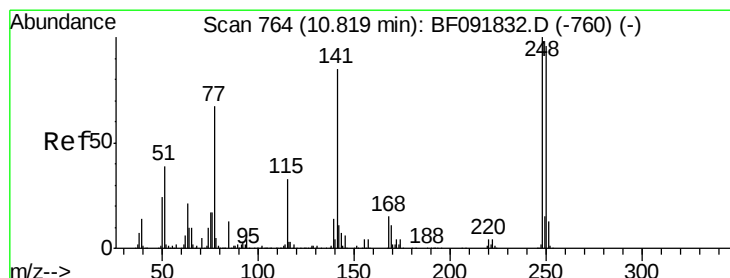
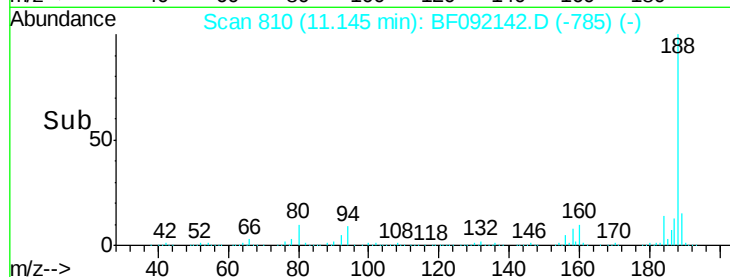
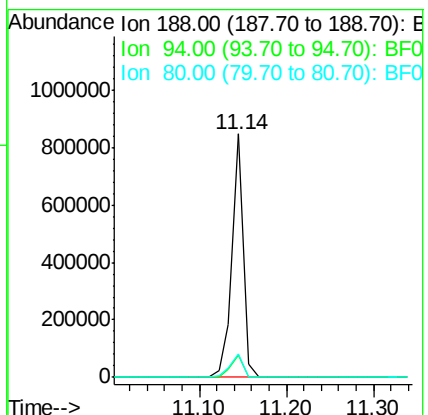
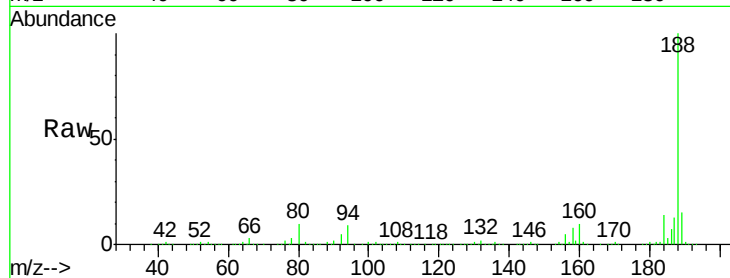




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

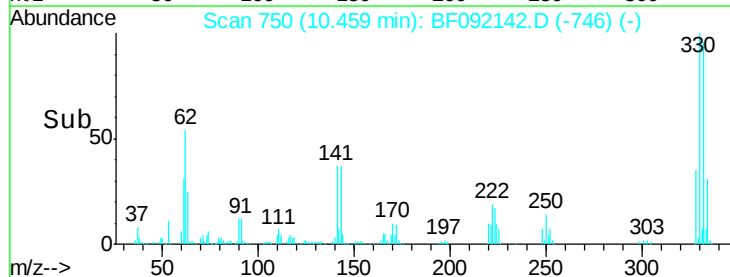
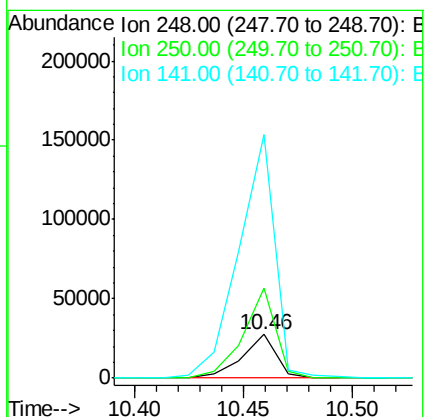
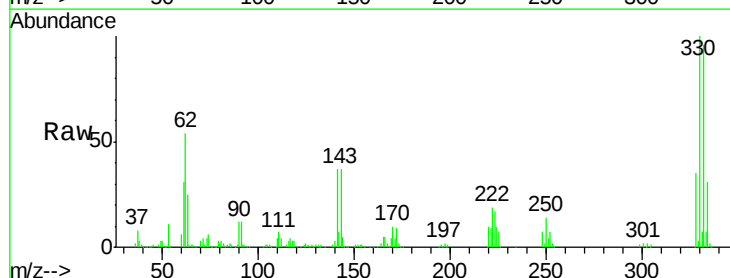
Instrument :
BNA_F
ClientSampled :
PB95818BL

Tgt Ion:188 Resp: 763660
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.5 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

Tgt Ion:248 Resp: 29563
Ion Ratio Lower Upper
248 100
250 207.0 76.9 115.3#
141 561.0 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

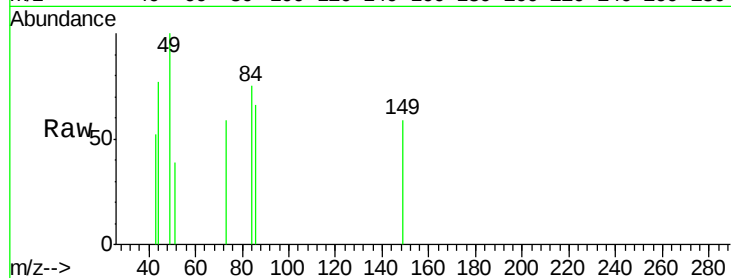
Tgt Ion:149 Resp: 604

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

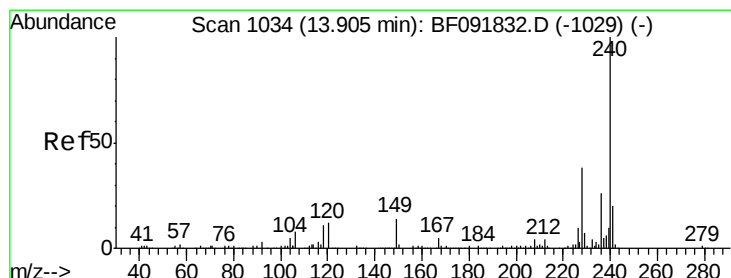
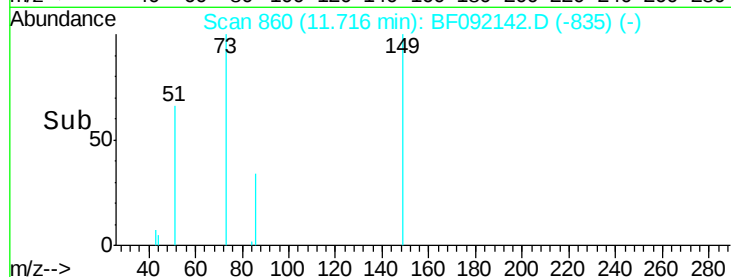
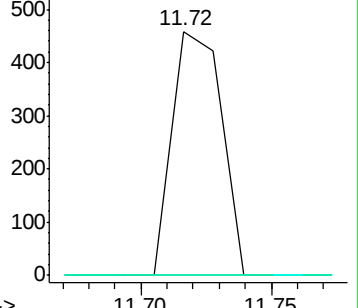
104 0.0 4.6 7.0#



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: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

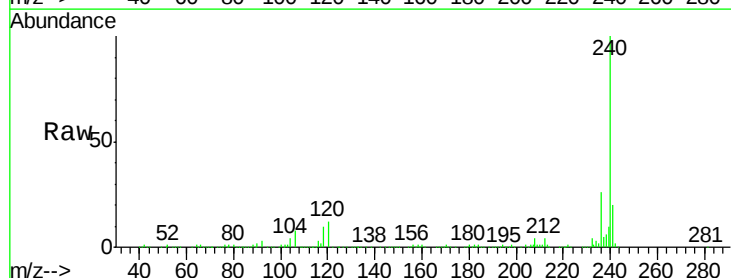
Tgt Ion:240 Resp: 649711

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

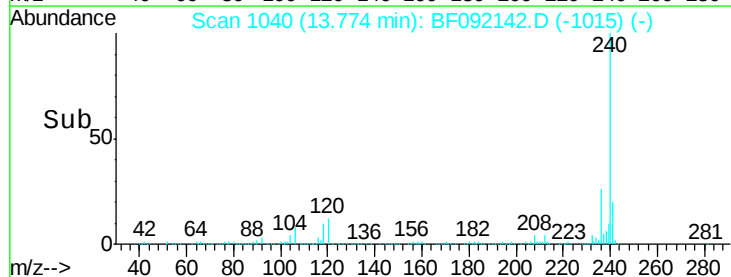
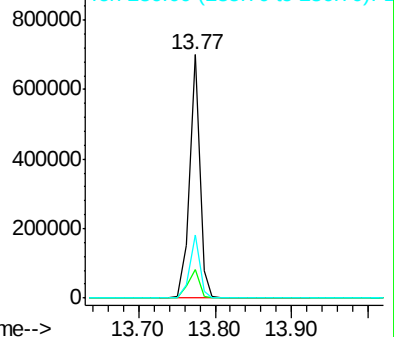
236 25.7 20.9 31.3

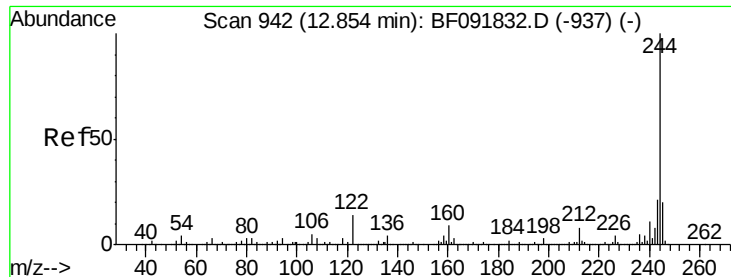


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

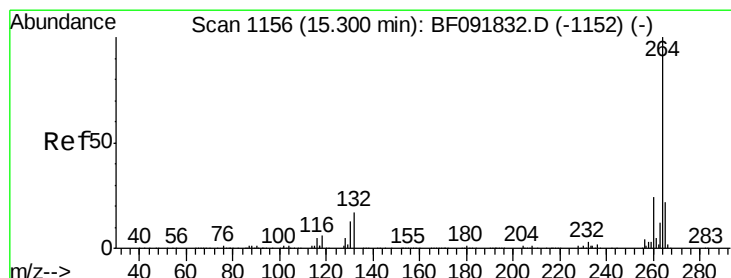
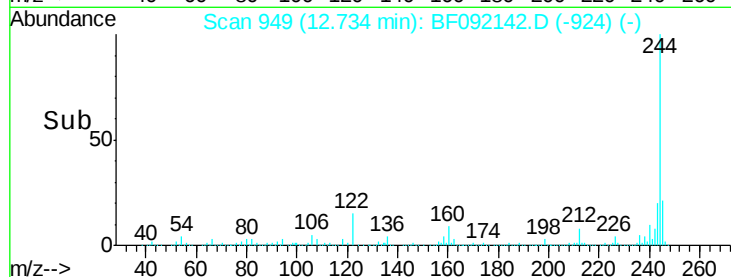
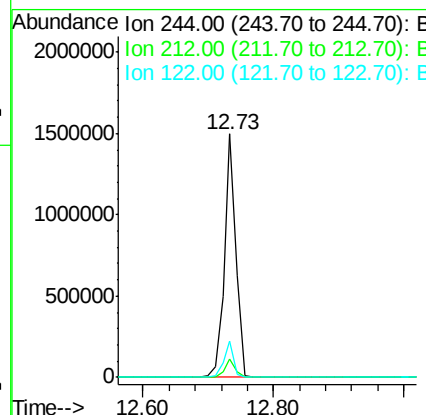
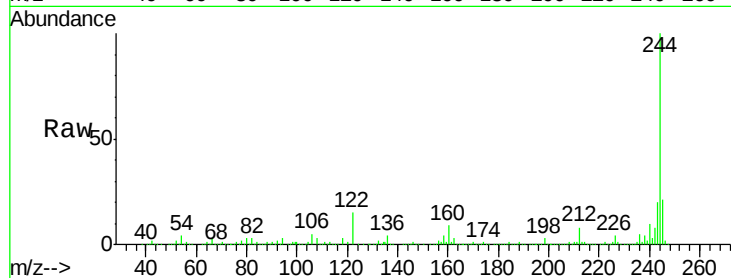




#78
 Terphenyl-d14
 Concen: 69.50 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BL

Tgt Ion:244 Resp: 1861970
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Tgt Ion:264 Resp: 621409
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

