

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092188.D
 Acq On : 10 Jan 2017 18:04
 Operator : UM/SJ
 Sample : PB95858BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

Quant Time: Jan 10 23:32:33 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

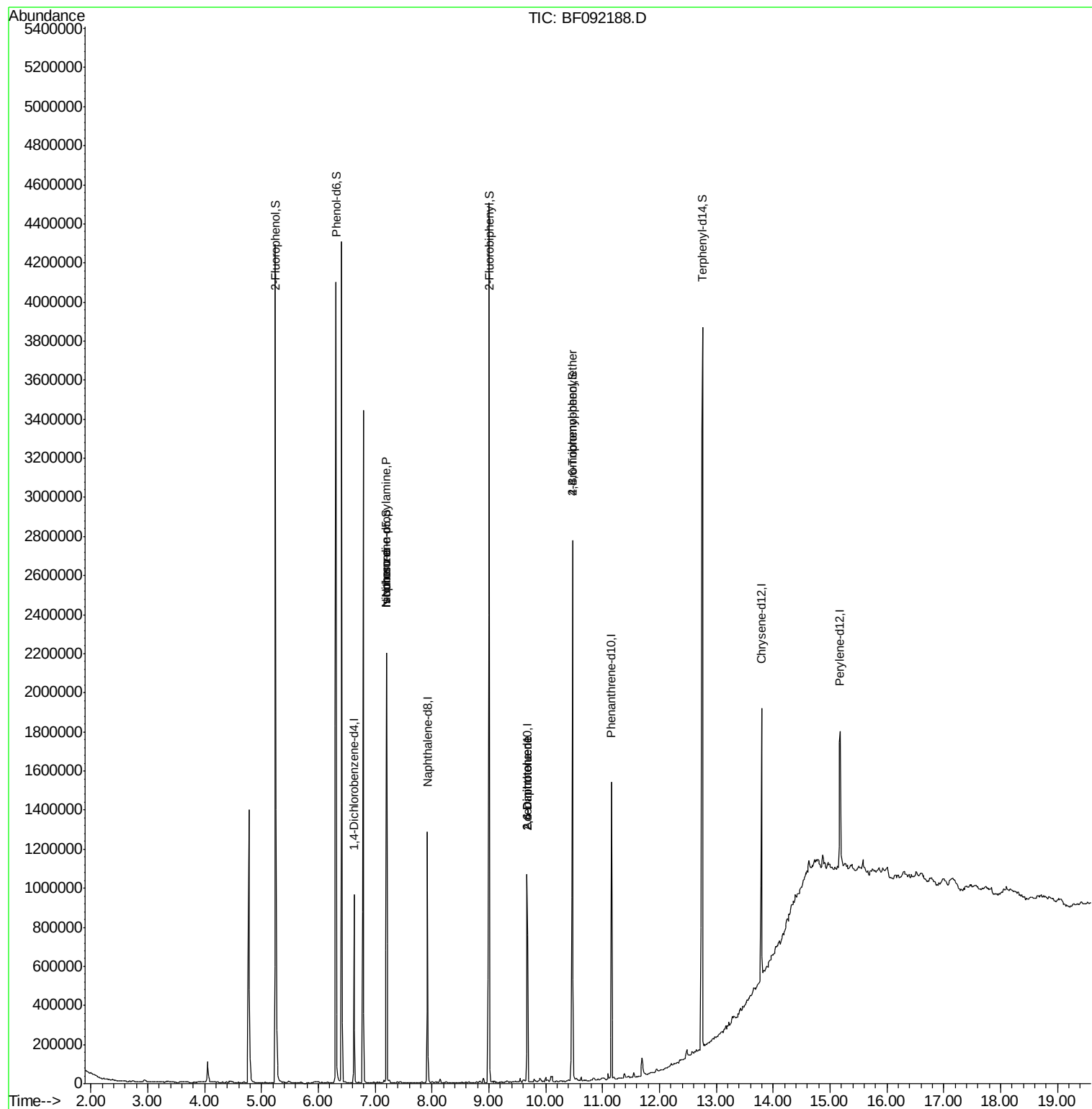
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146676	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	622257	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	321226	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	556318	20.00	ng	0.00
75) Chrysene-d12	13.80	240	513678	20.00	ng	0.01
86) Perylene-d12	15.18	264	413779	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1325438	150.89	ng	0.01
7) Phenol-d6	6.31	99	1553095	144.81	ng	0.00
23) Nitrobenzene-d5	7.20	82	894326	79.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	355930	133.89	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1743028	115.86	ng	0.00
78) Terphenyl-d14	12.76	244	1768473	83.50	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	119146	16.70	ng	# 77
25) Isophorone	7.20	82	722885	35.01	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	41592	9.25	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	41595	7.37	ng	# 19
66) 4-Bromophenyl-phenylether	10.47	248	21871	3.78	ng	# 1
71) Anthracene	11.17	178	1197	Below Cal		# 26
73) Di-n-butylphthalate	11.72	149	14350	Below Cal		# 98
74) Fluoranthene	12.36	202	1430	Below Cal		# 45
76) Benzydine	12.49	184	1855	Below Cal		# 1

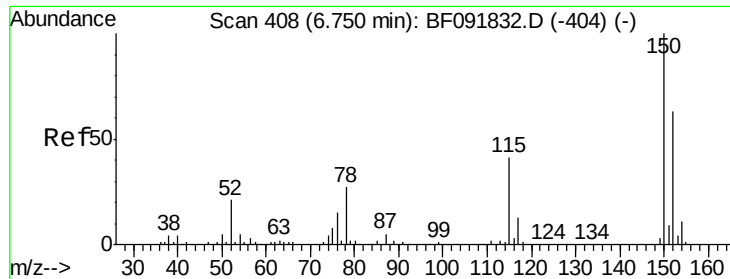
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092188.D
Acq On : 10 Jan 2017 18:04
Operator : UM/SJ
Sample : PB95858BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Quant Time: Jan 10 23:32:33 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

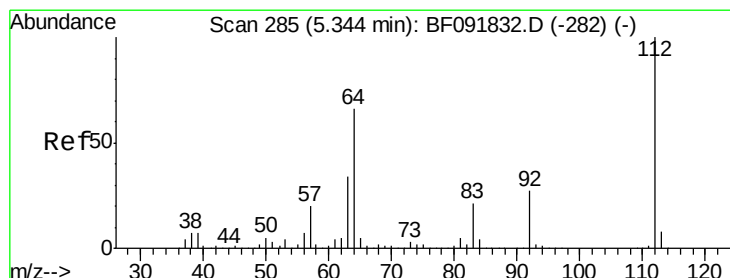
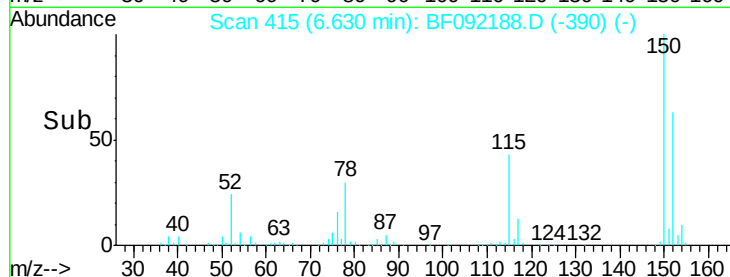
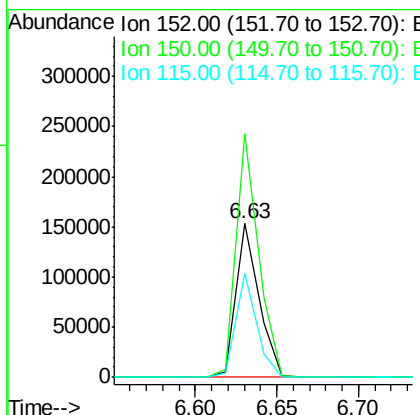
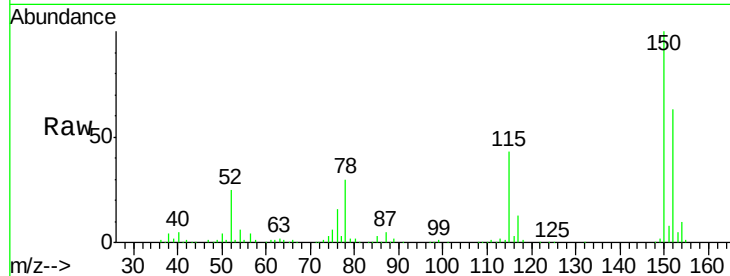




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

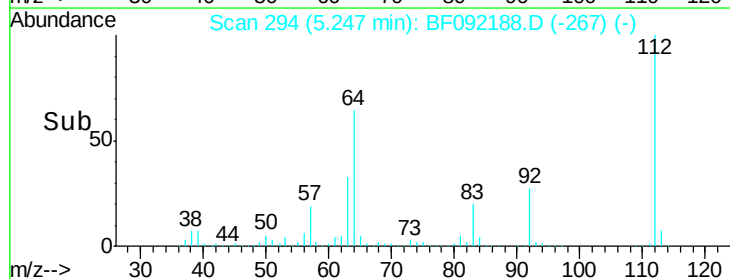
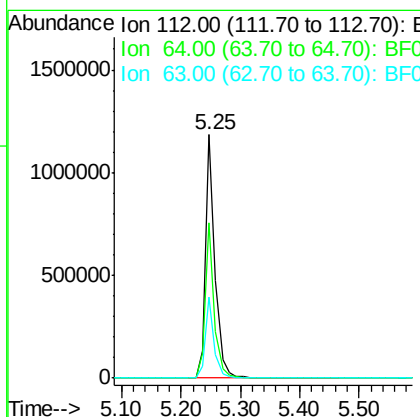
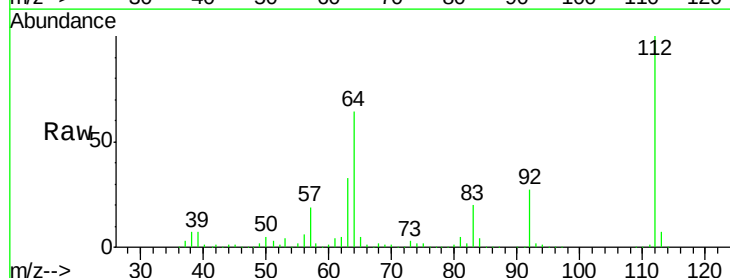
Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

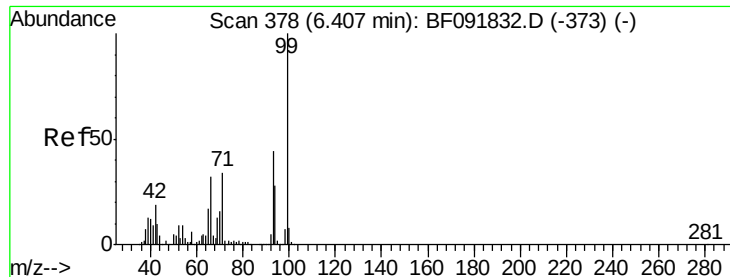
Tgt Ion:152 Resp: 146676
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 67.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 150.89 ng
 RT: 5.25 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Tgt Ion:112 Resp: 1325438
 Ion Ratio Lower Upper
 112 100
 64 63.9 46.1 69.1
 63 33.0 23.8 35.6





#7

Phenol-d6

Concen: 144.81 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

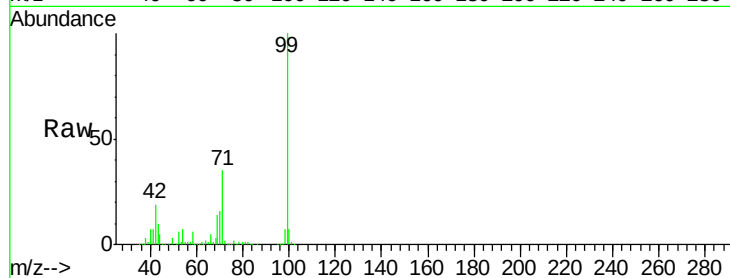
Tgt Ion: 99 Resp: 1553095

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

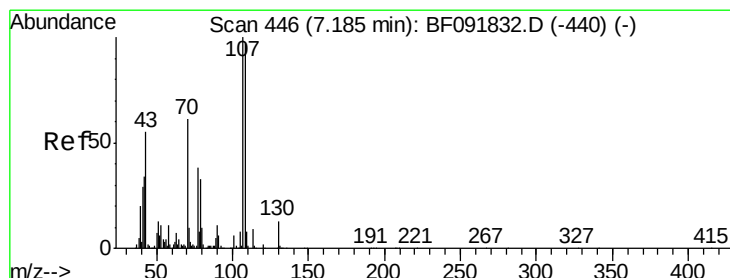
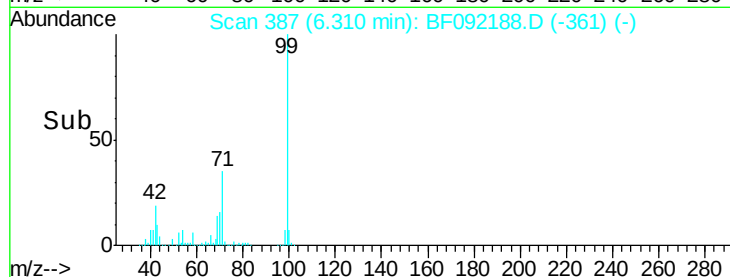
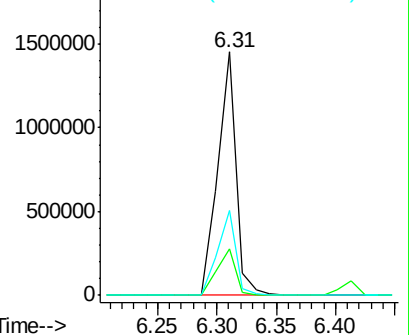
71 34.9 27.5 41.3



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: 16.70 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Tgt Ion: 70 Resp: 119146

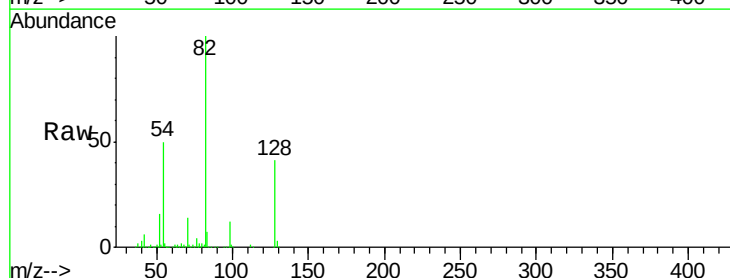
Ion Ratio Lower Upper

70 100

42 47.3 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

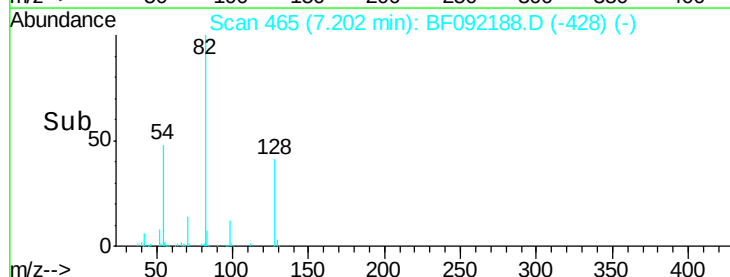
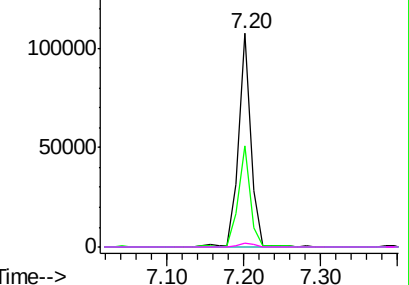


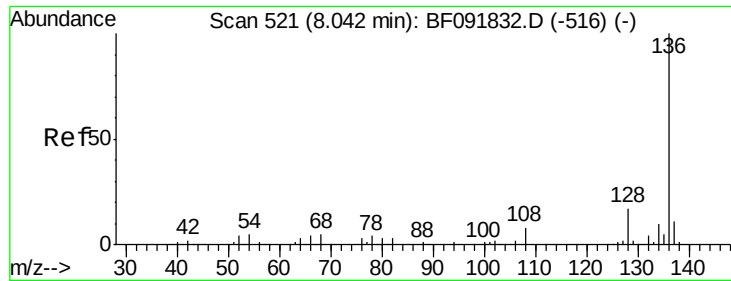
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

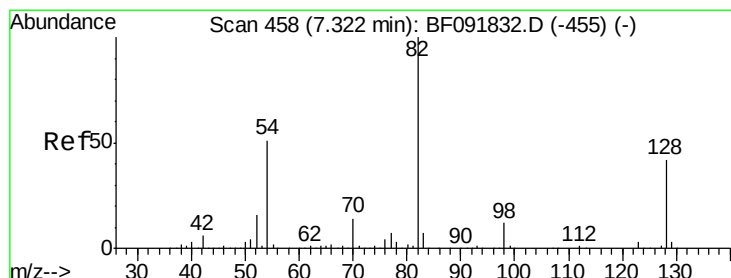
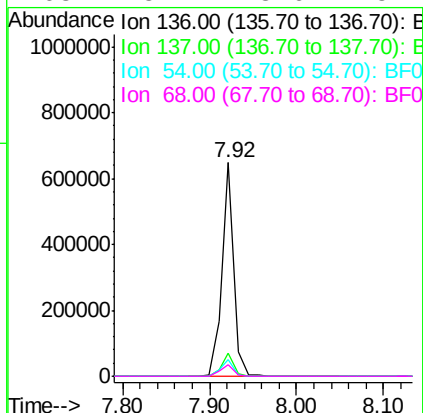
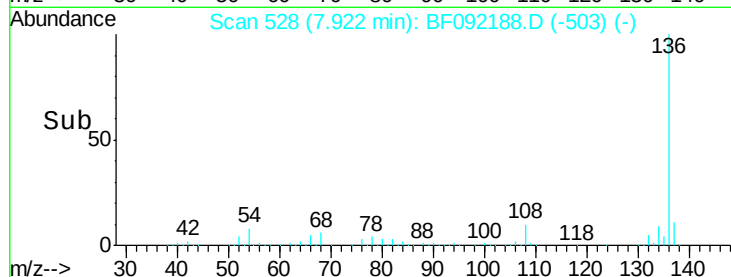
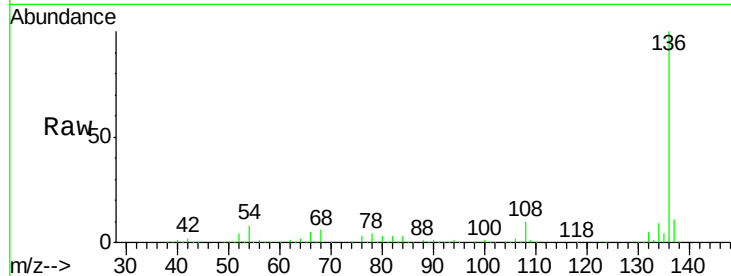




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

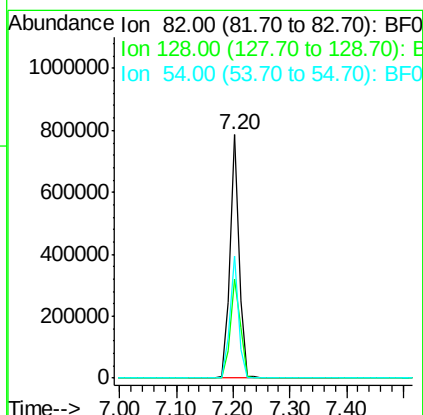
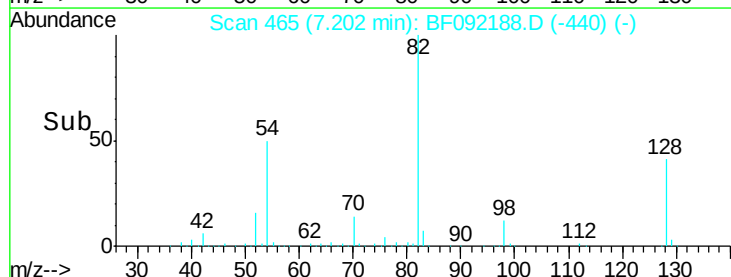
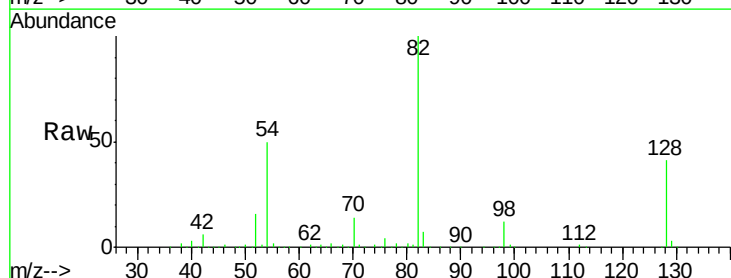
Instrument :
BNA_F
ClientSampled :
PB95858BL

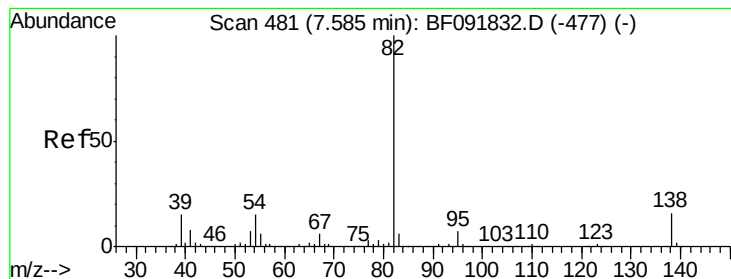
Tgt Ion:	136	Resp:	622257
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.92 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:	82	Resp:	894326
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.1	39.5	59.3





#25

Isophorone

Concen: 35.01 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleID :

PB95858BL

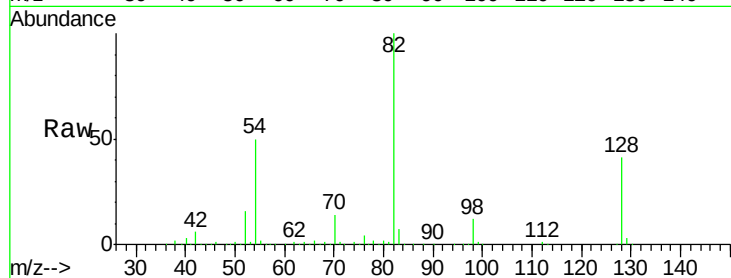
Tgt Ion: 82 Resp: 722885

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

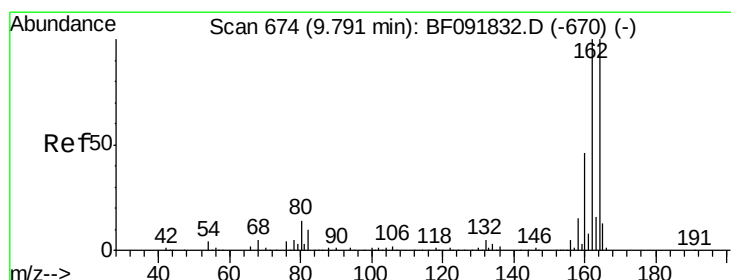
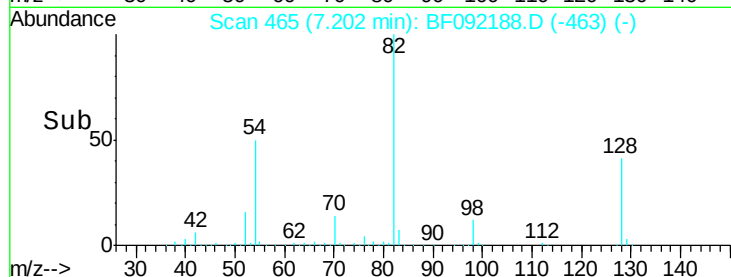
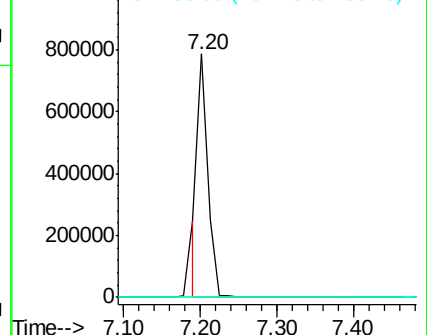
138 0.0 14.6 22.0#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

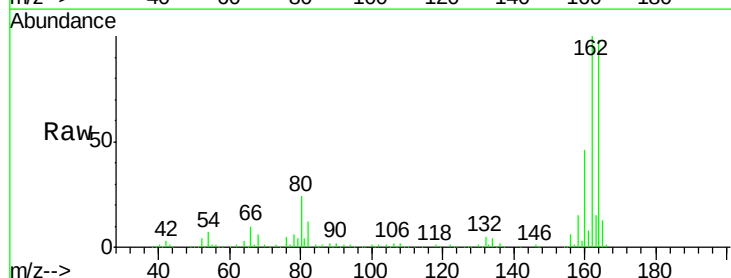
Tgt Ion: 164 Resp: 321226

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

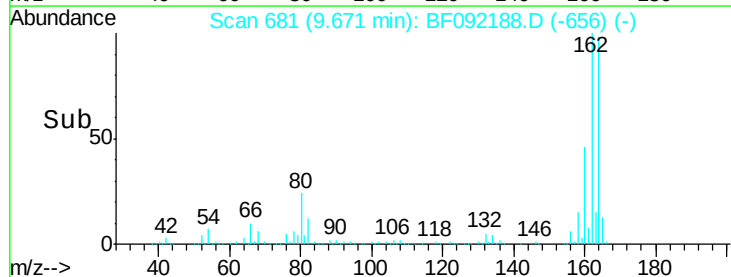
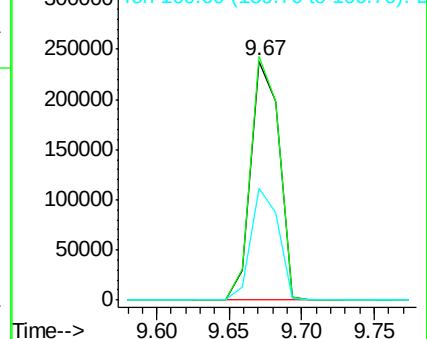
160 46.7 36.9 55.3

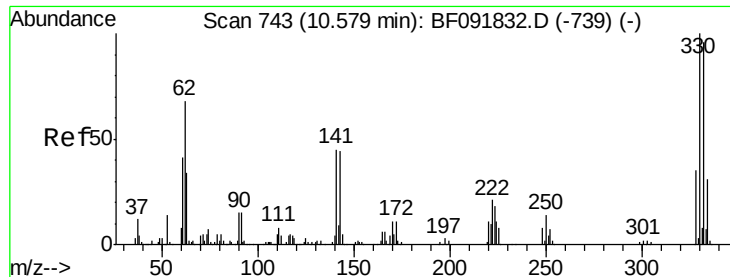


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

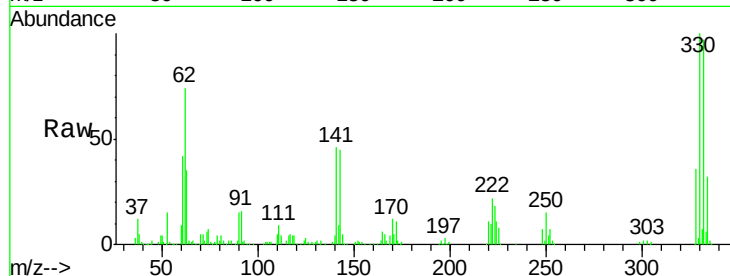




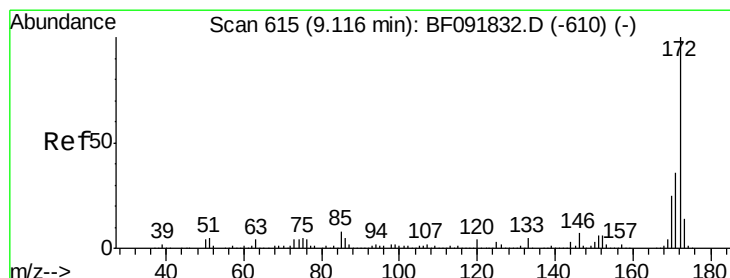
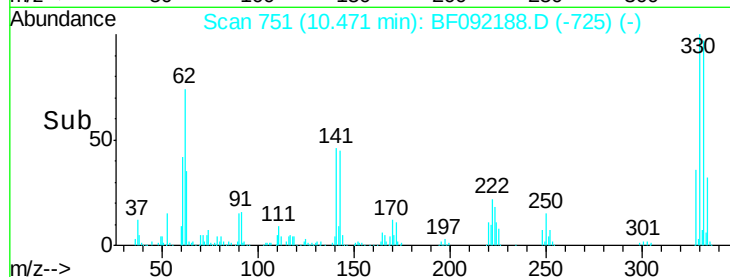
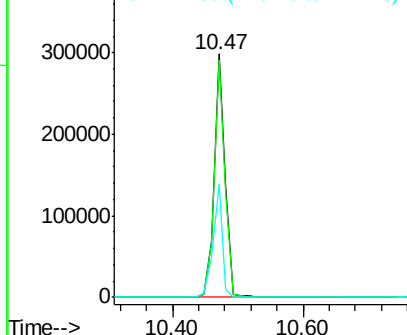
#41
 2,4,6-Tribromophenol
 Concen: 133.89 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

Tgt Ion:330 Resp: 355930
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 39.8 34.1 51.1

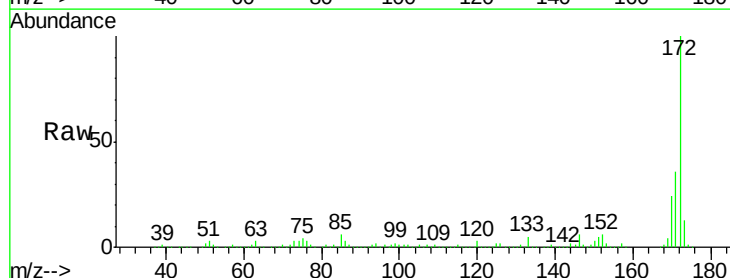


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

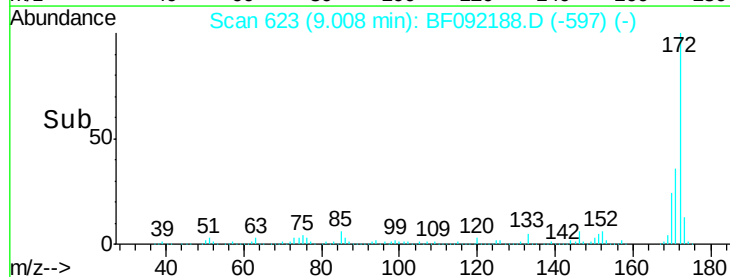
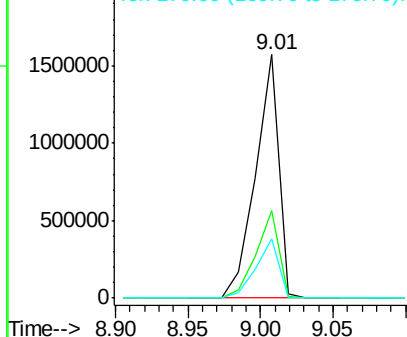


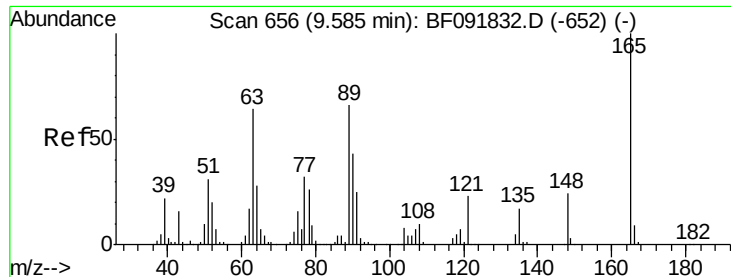
#44
 2-Fluorobiphenyl
 Concen: 115.86 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Tgt Ion:172 Resp: 1743028
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 9.25 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.19 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

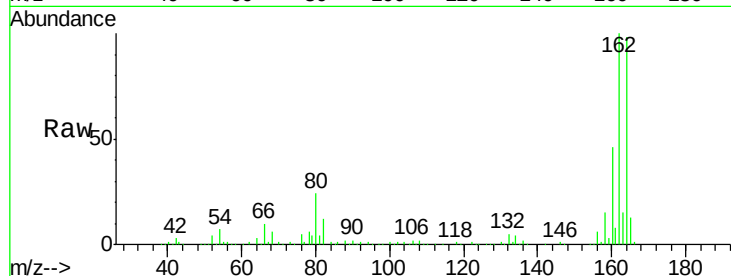
Tgt Ion:165 Resp: 41592

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

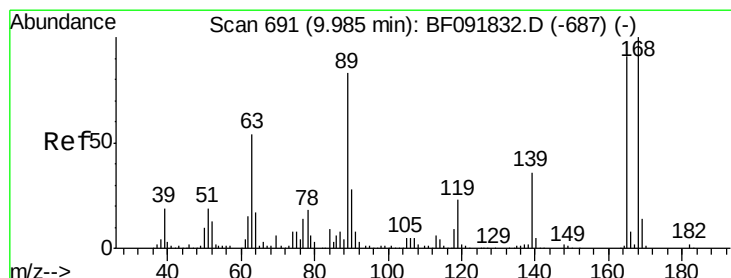
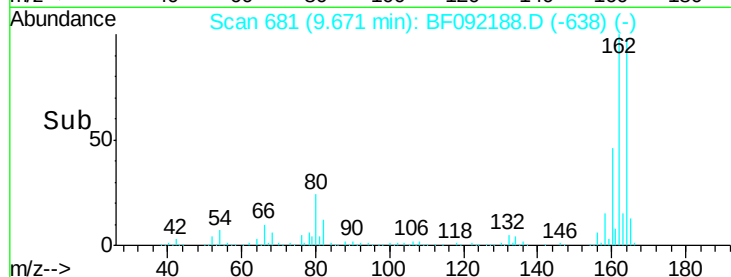
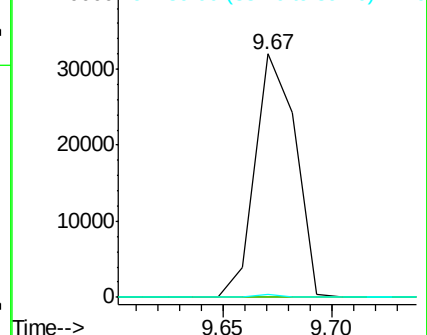
89 1.1 40.2 60.4#



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: 7.37 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Tgt Ion:165 Resp: 41595

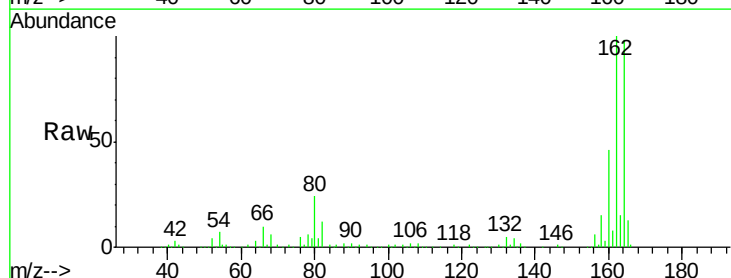
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

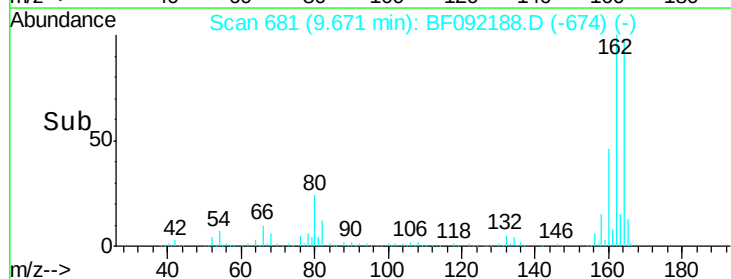
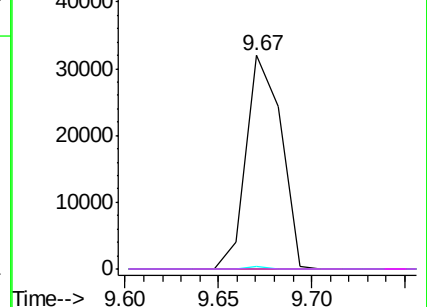


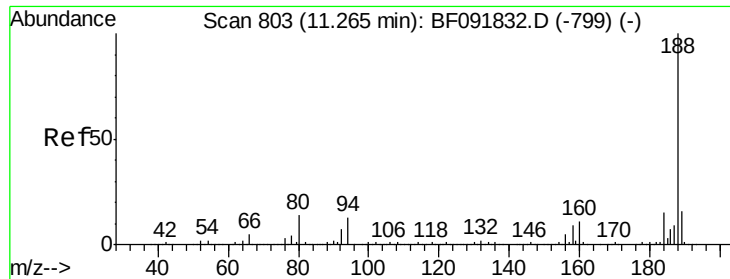
Abundance Ion 165.00 (164.70 to 165.70): E

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

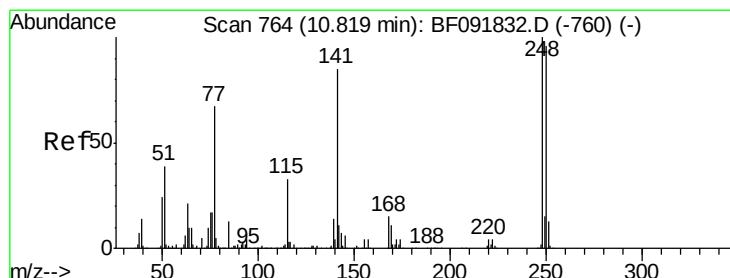
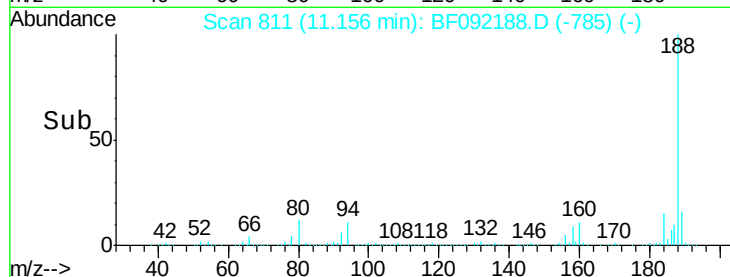
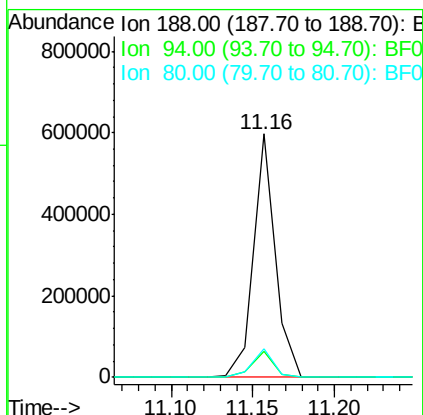
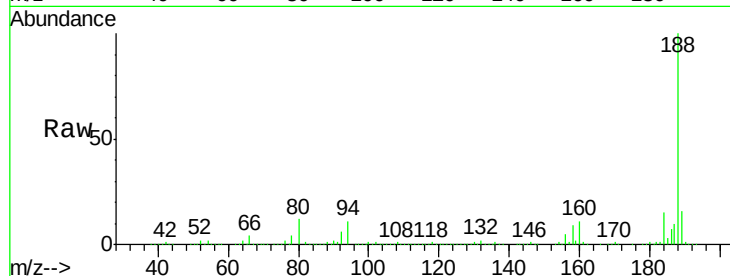




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

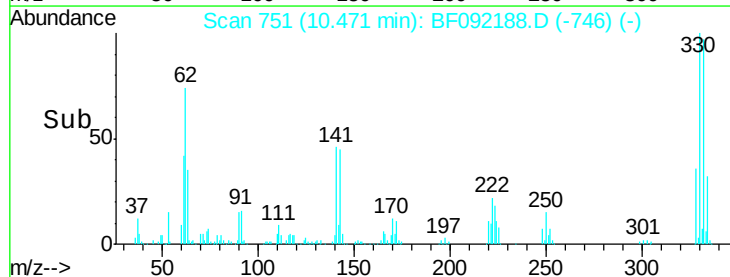
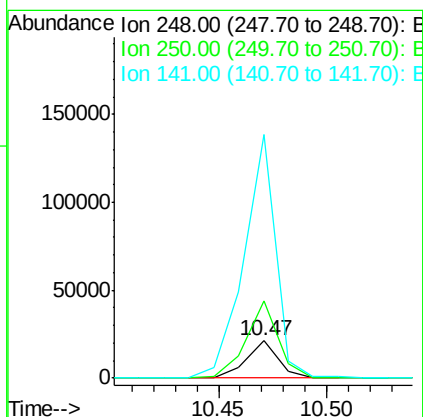
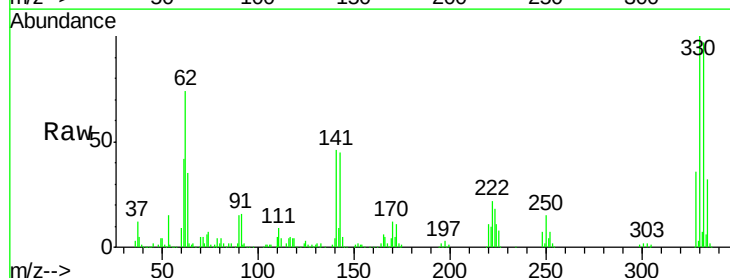
Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

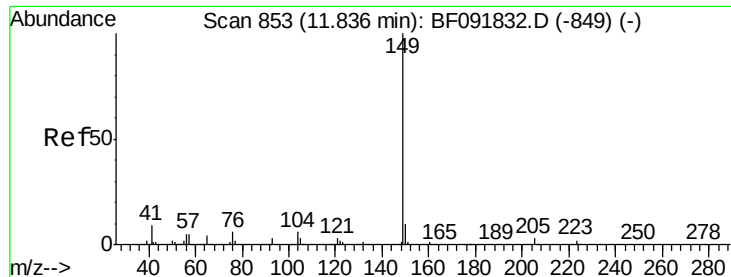
Tgt Ion:188 Resp: 556318
 Ion Ratio Lower Upper
 188 100
 94 10.6 10.0 15.0
 80 11.8 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Tgt Ion:248 Resp: 21871
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.9 115.3#
 141 655.3 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: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

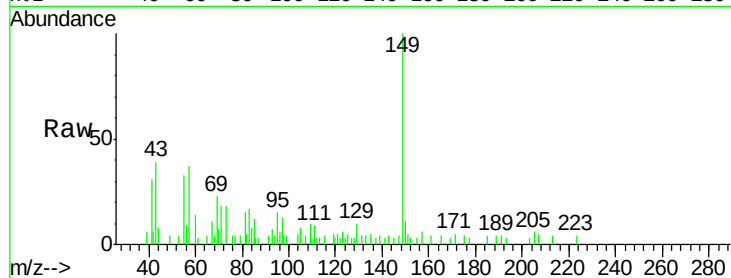
Tgt Ion:149 Resp: 14350

Ion Ratio Lower Upper

149 100

150 11.0 8.1 12.1

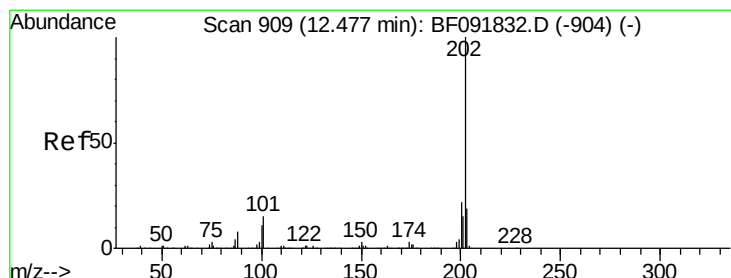
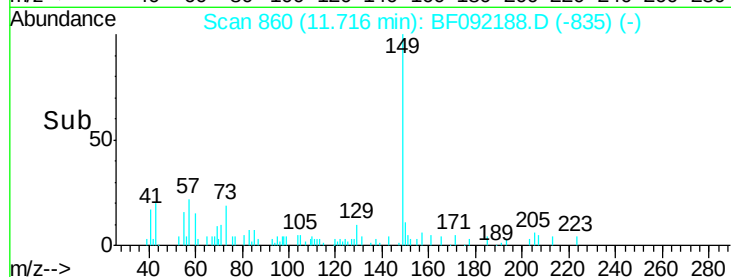
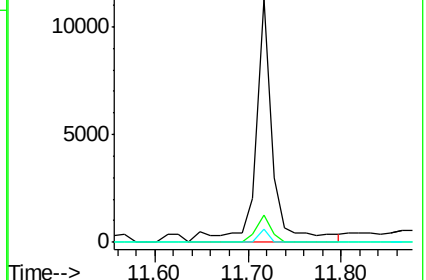
104 5.3 4.6 7.0



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: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

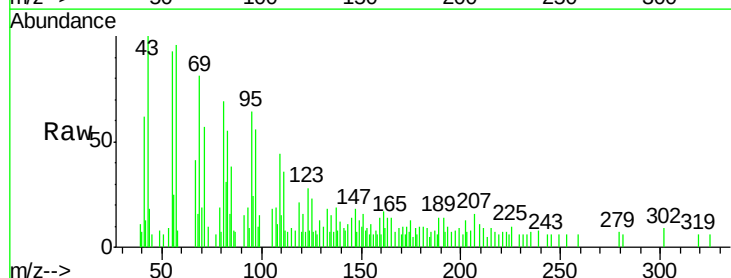
Tgt Ion:202 Resp: 1430

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

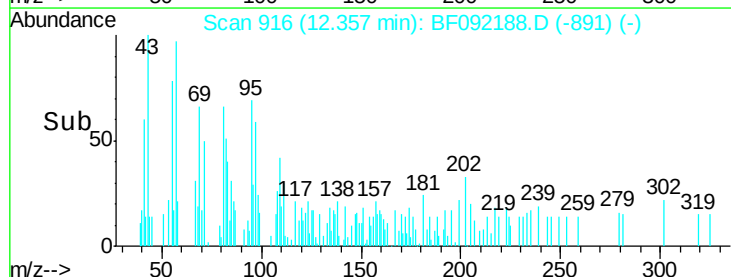
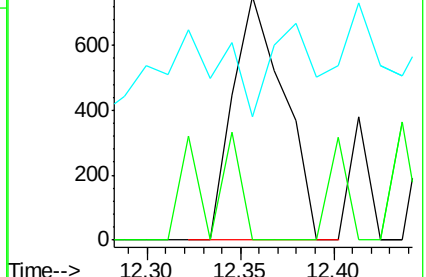
203 50.5 0.0 38.7#

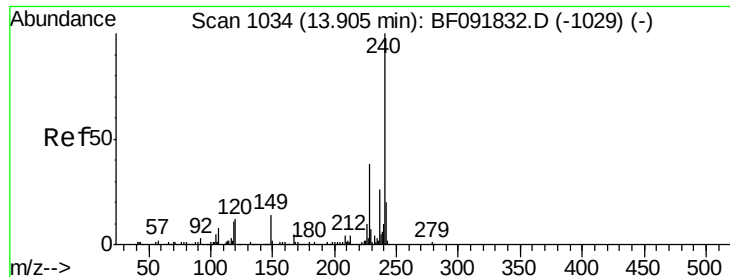


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

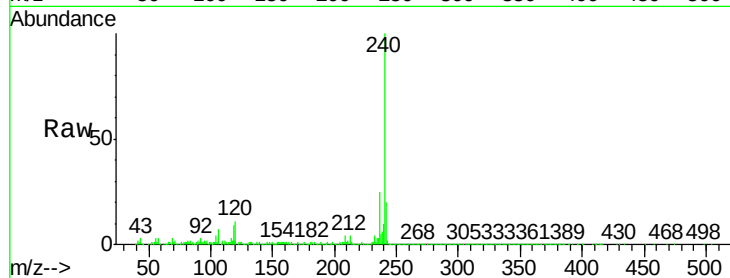
Tgt Ion:240 Resp: 513678

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

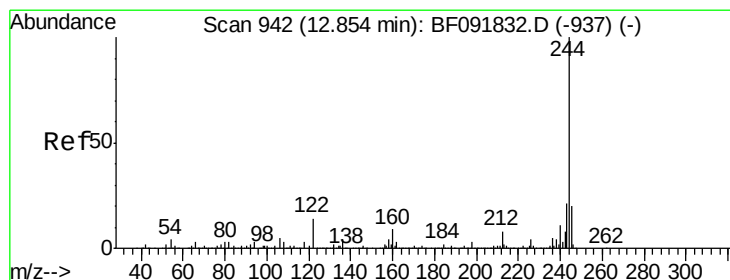
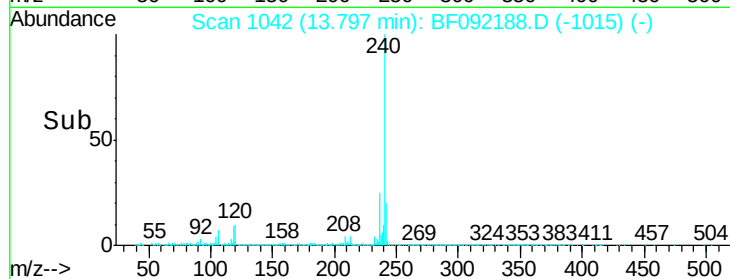
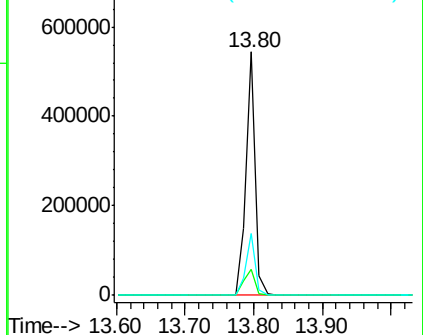
236 25.5 20.9 31.3



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: 83.50 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

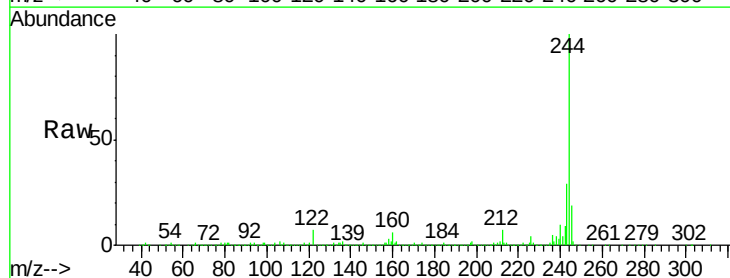
Tgt Ion:244 Resp: 1768473

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

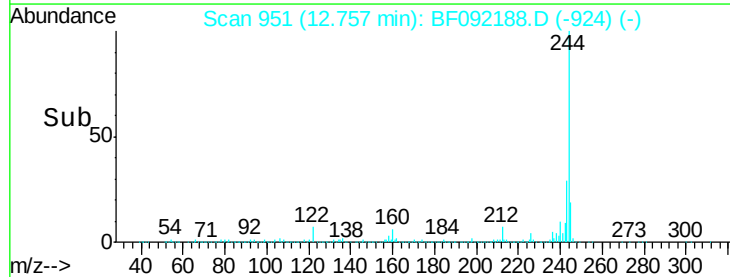
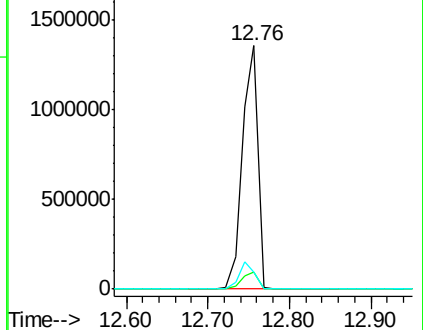
122 7.1 11.4 17.2#

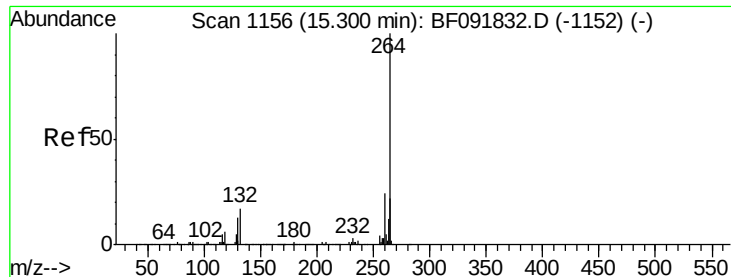


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

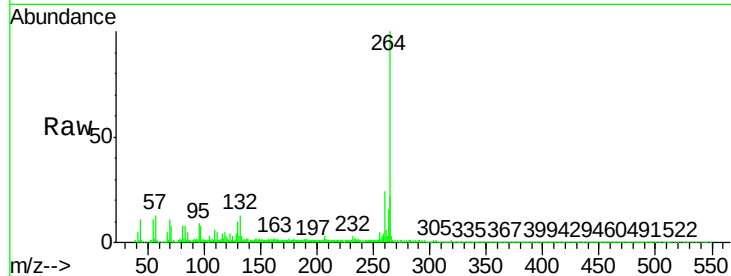




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	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

