

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092077.D
 Acq On : 4 Jan 2017 19:31
 Operator : UM/SJ
 Sample : I1003-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jan 05 00:05:23 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	6.65	152	206995	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	853370	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	431097	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	301147	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	254492	20.00	ng	-0.07
86) Perylene-d12	15.17	264	208860	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	602891	48.63	ng	-0.06
7) Phenol-d6	6.32	99	629562	41.60	ng	-0.06
23) Nitrobenzene-d5	7.24	82	1619694	105.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	512778	143.73	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	2491621	124.40	ng	-0.05
78) Terphenyl-d14	12.77	244	1234203	117.62	ng	-0.05

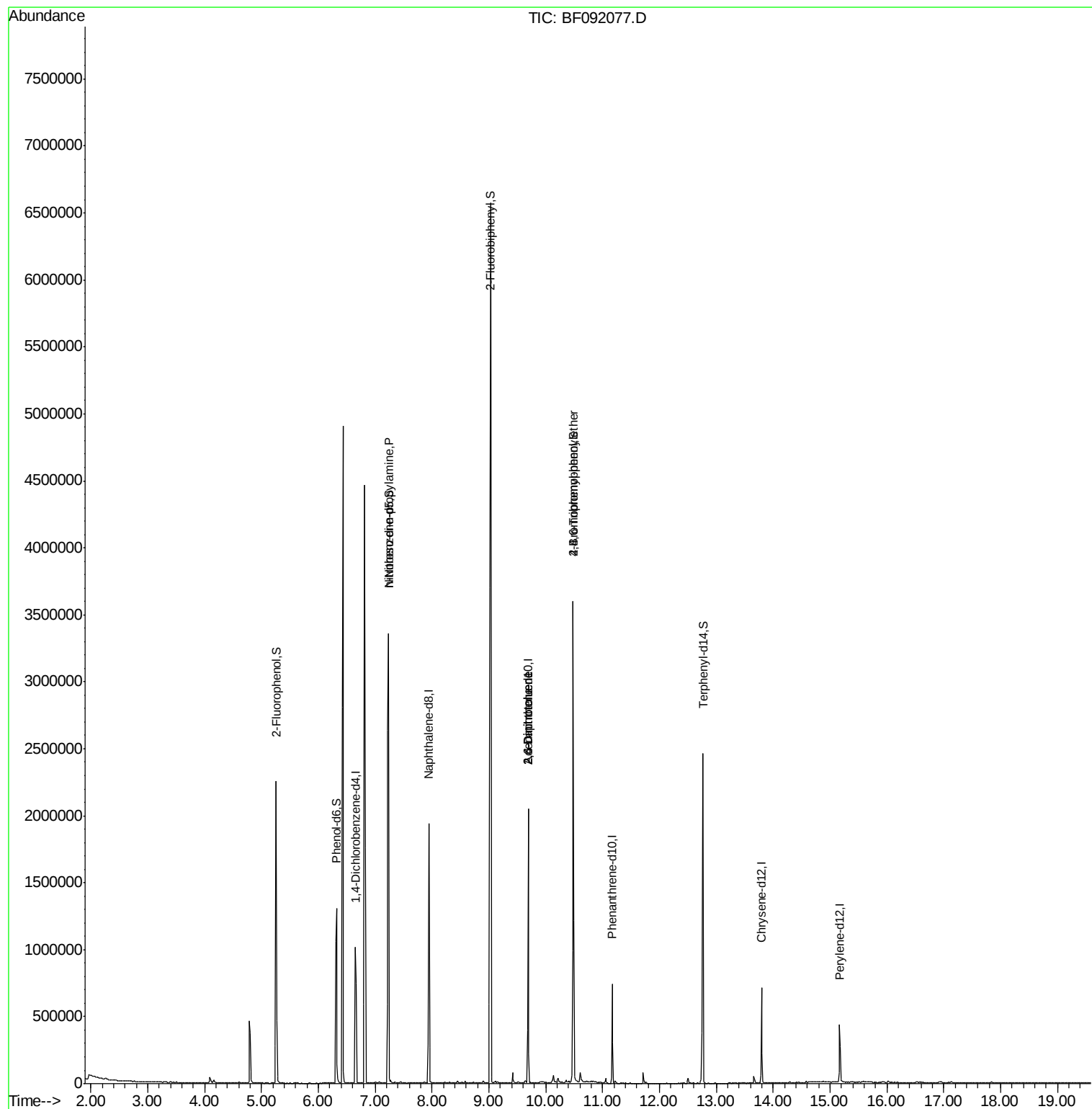
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1395	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	213782	21.23	ng	71
37) 2-Methylnaphthalene	8.66	142	612	Below Cal	#	73
50) 2,6-Dinitrotoluene	9.69	165	56886	9.43	ng	31
56) 2,4-Dinitrotoluene	9.69	165	56886	7.51	ng	20
66) 4-Bromophenyl-phenylether	10.48	248	30175	9.63	ng	1
71) Anthracene	11.25	178	1490	Below Cal	#	74
73) Di-n-butylphthalate	11.75	149	1521	Below Cal	#	76
74) Fluoranthene	12.38	202	2371	Below Cal	#	89

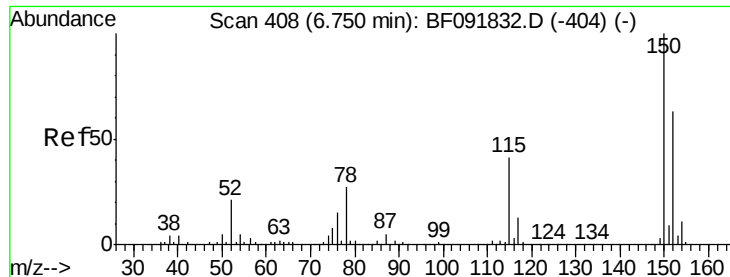
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092077.D
Acq On : 4 Jan 2017 19:31
Operator : UM/SJ
Sample : I1003-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

Quant Time: Jan 05 00:05:23 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: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

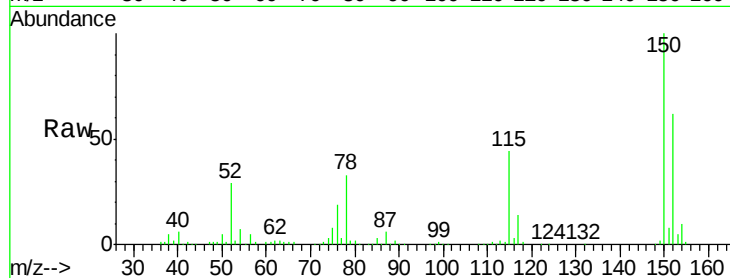
Tgt Ion:152 Resp: 206995

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

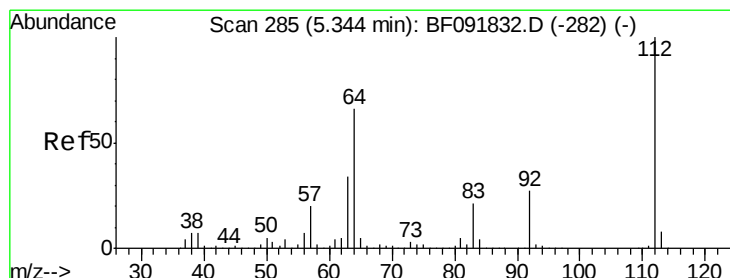
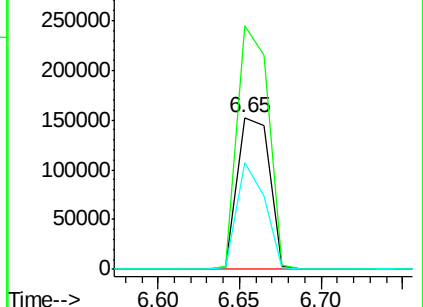
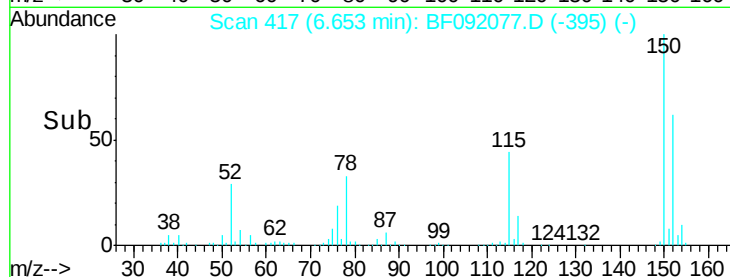
115 69.9 46.0 69.0#



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: 48.63 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.06 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

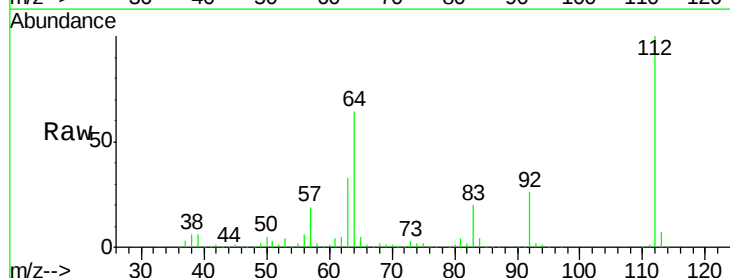
Tgt Ion:112 Resp: 602891

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

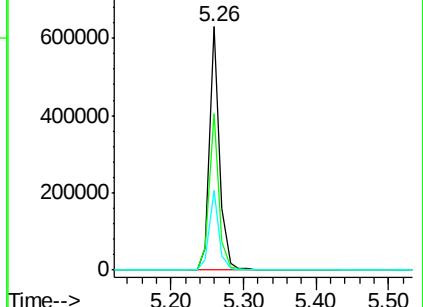
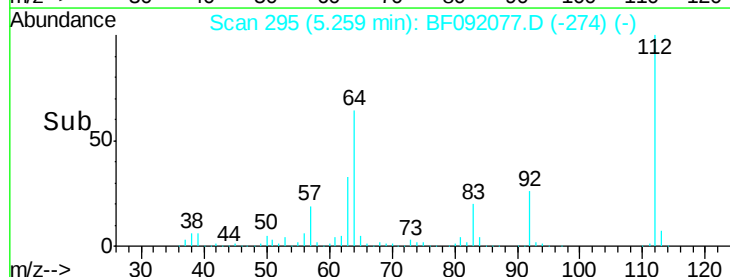
63 32.7 23.8 35.6

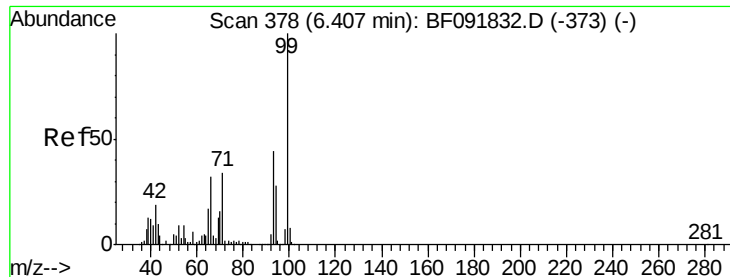


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.60 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

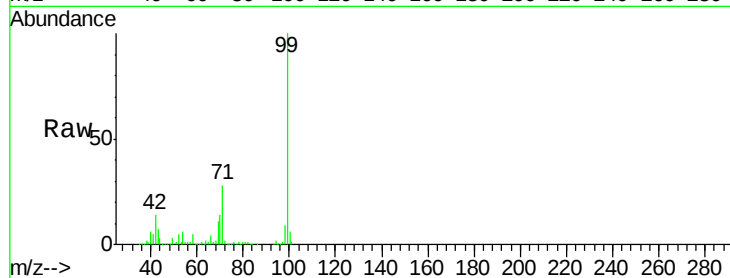
Tgt Ion: 99 Resp: 629562

Ion Ratio Lower Upper

99 100

42 14.1 15.6 23.4#

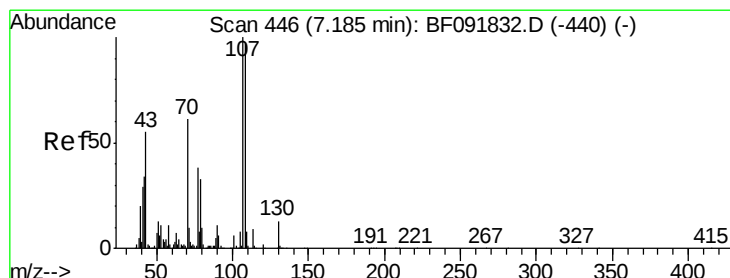
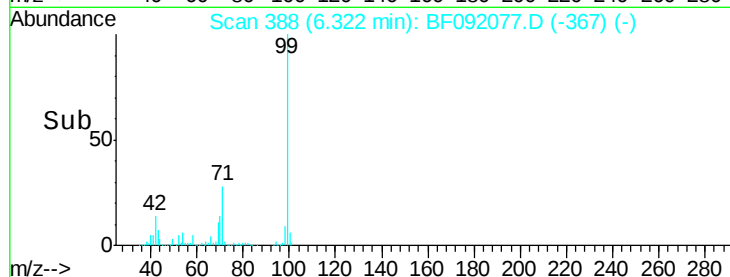
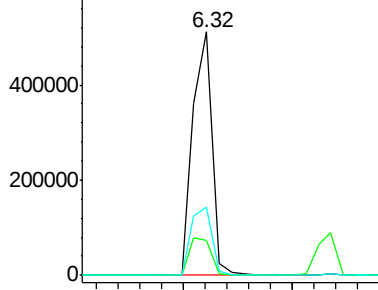
71 27.9 27.5 41.3



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: 21.23 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Tgt Ion: 70 Resp: 213782

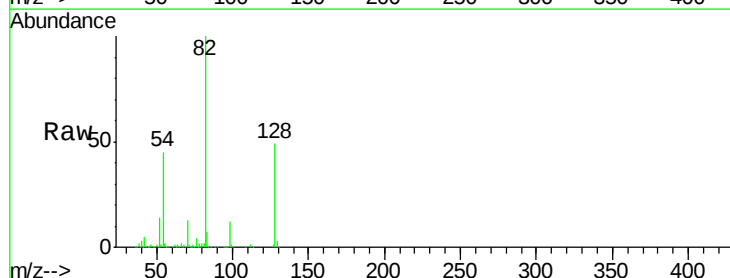
Ion Ratio Lower Upper

70 100

42 40.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

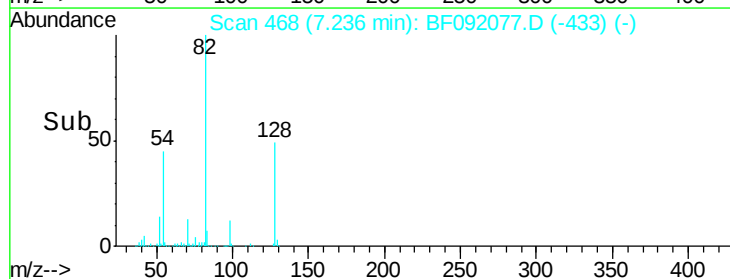
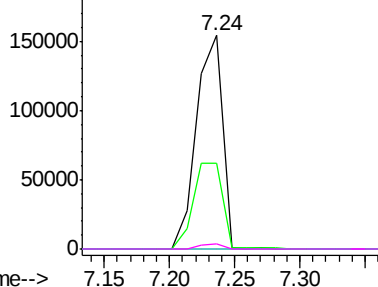


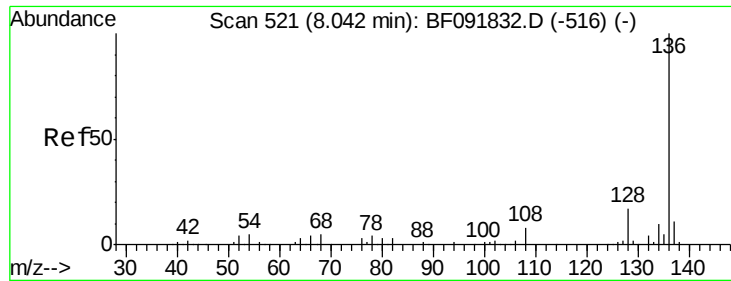
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

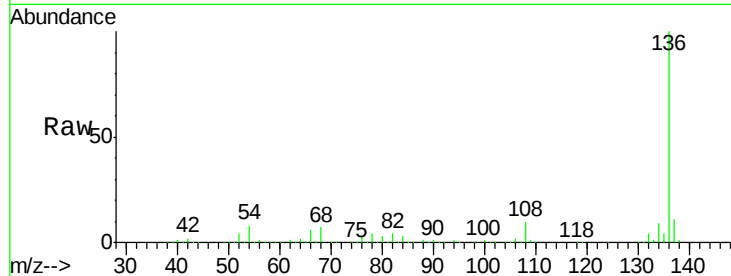




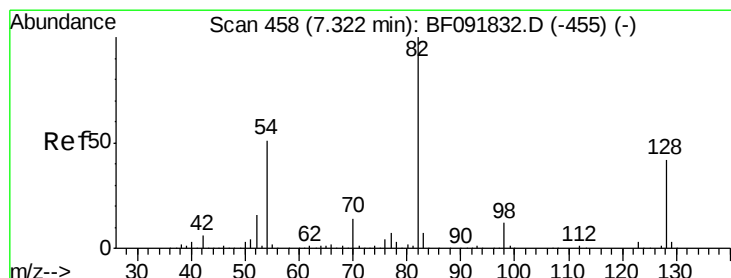
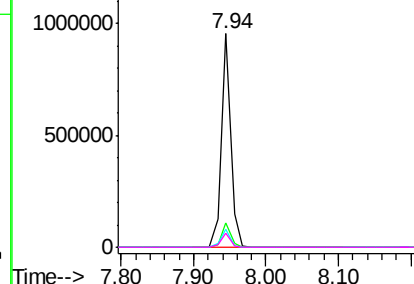
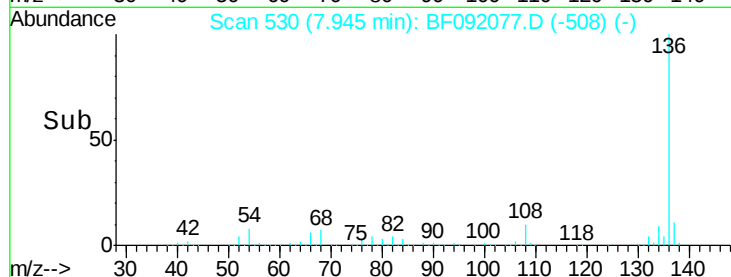
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092077.D
Acq: 4 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion: 136 Resp: 853370
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.4 4.5 6.7#
68 6.7 3.6 5.4#

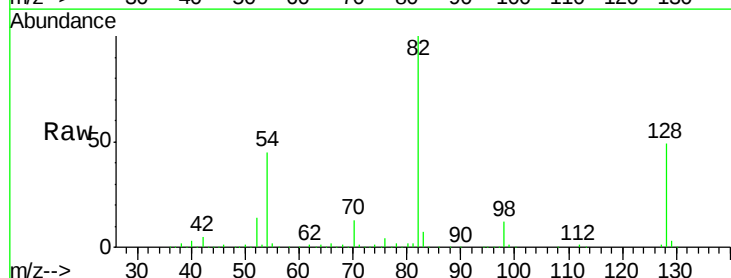


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

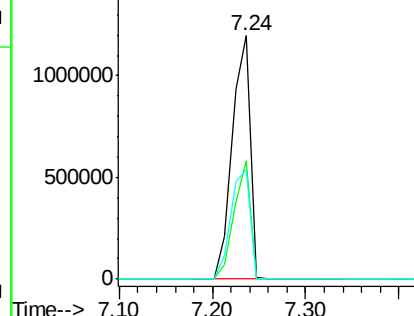
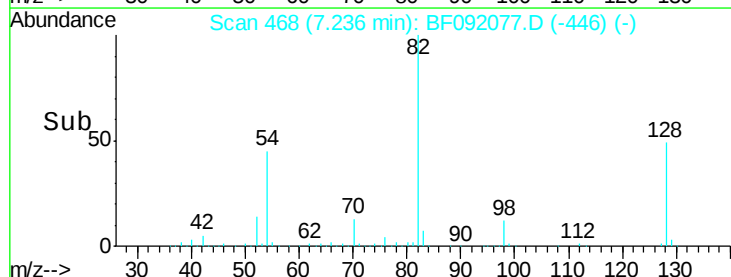


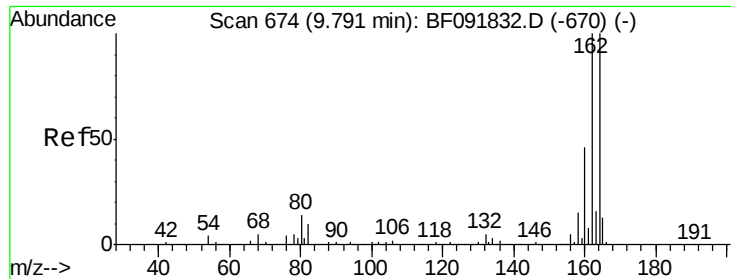
#23
Nitrobenzene-d5
Concen: 105.54 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092077.D
Acq: 4 Jan 2017 19:31

Tgt Ion: 82 Resp: 1619694
Ion Ratio Lower Upper
82 100
128 48.6 34.6 52.0
54 44.7 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: 9.69 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

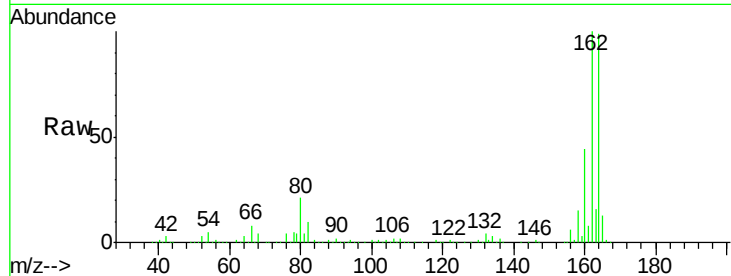
Tgt Ion:164 Resp: 431097

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

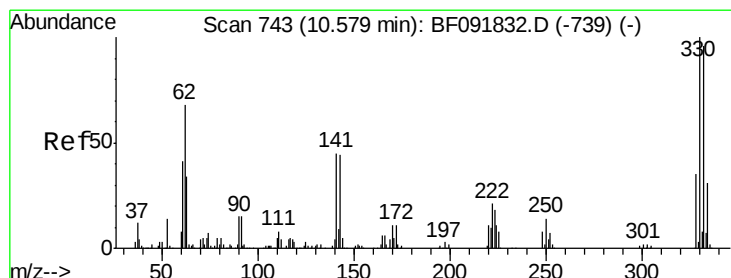
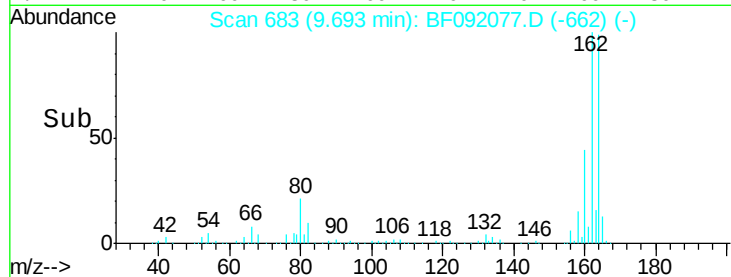
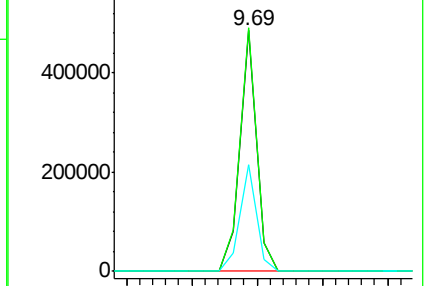
160 44.3 36.9 55.3



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: 143.73 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

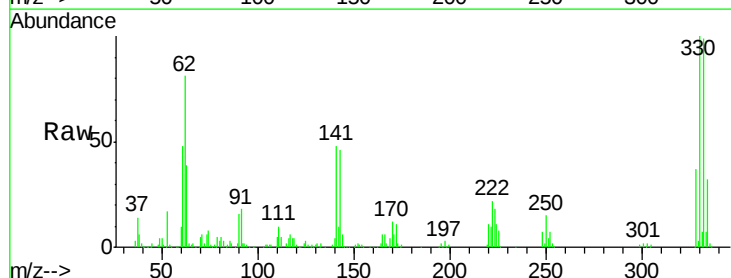
Tgt Ion:330 Resp: 512778

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

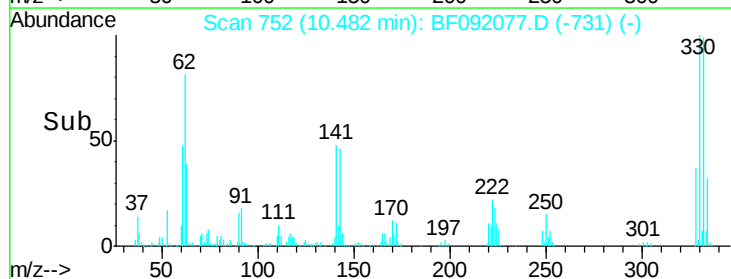
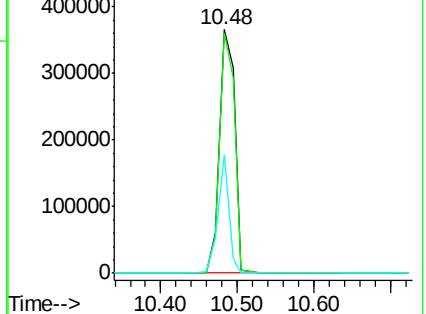
141 34.5 34.1 51.1

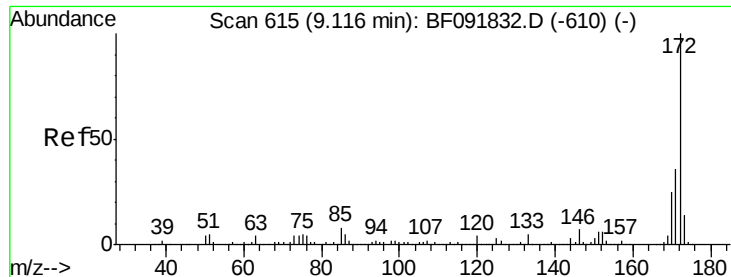


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

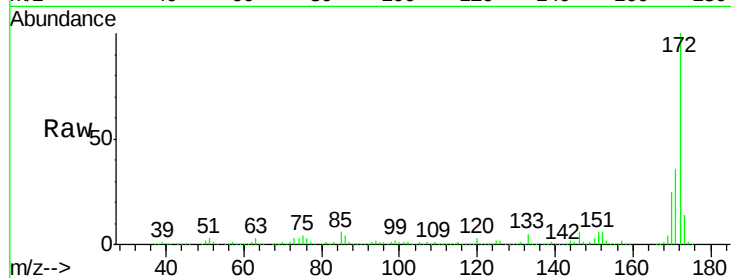




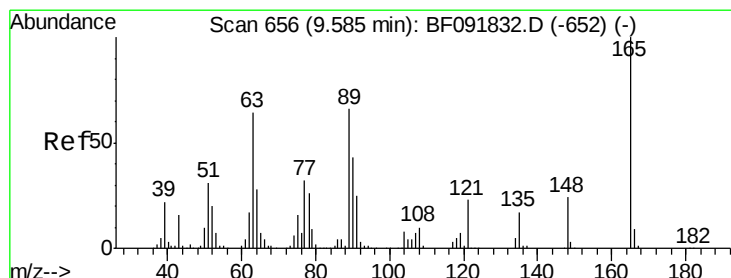
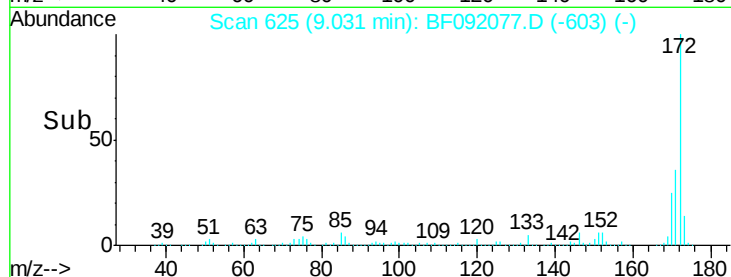
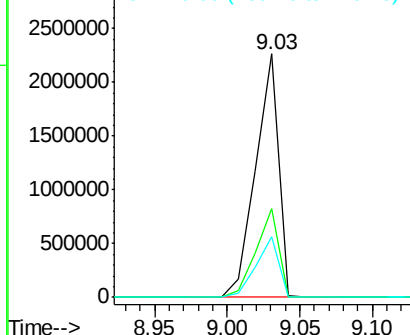
#44
 2-Fluorobiphenyl
 Concen: 124.40 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:172 Resp: 2491621
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.9 20.2 30.4

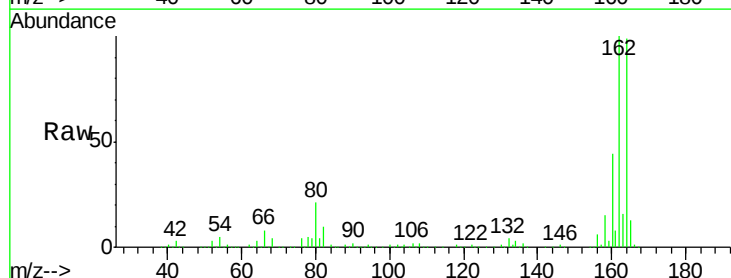


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

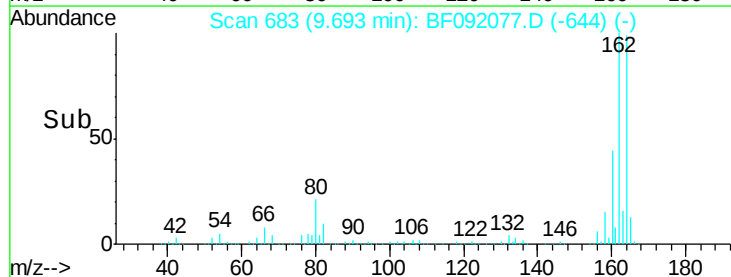
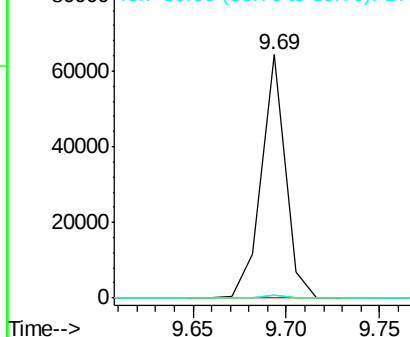


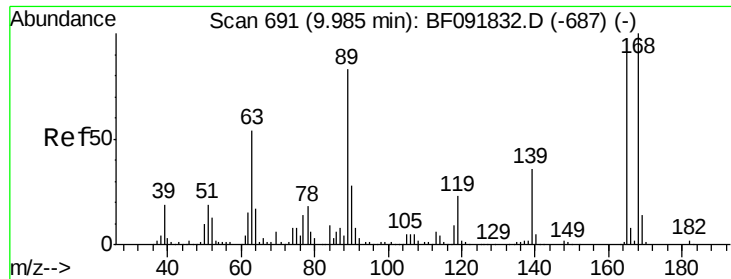
#50
 2,6-Dinitrotoluene
 Concen: 9.43 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.14 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Tgt Ion:165 Resp: 56886
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.0 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

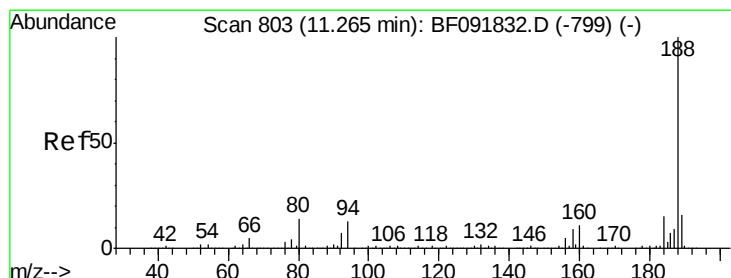
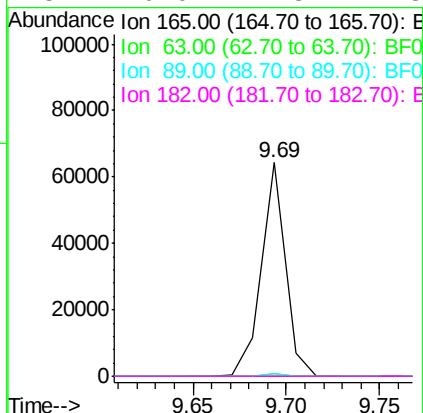
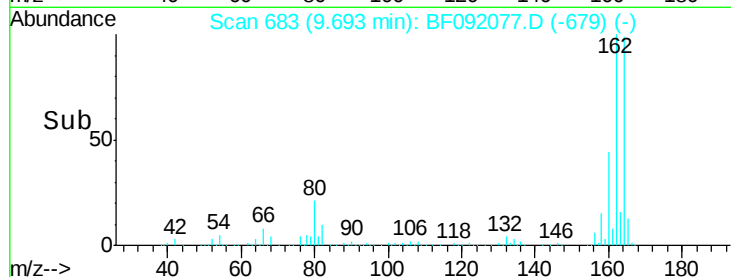
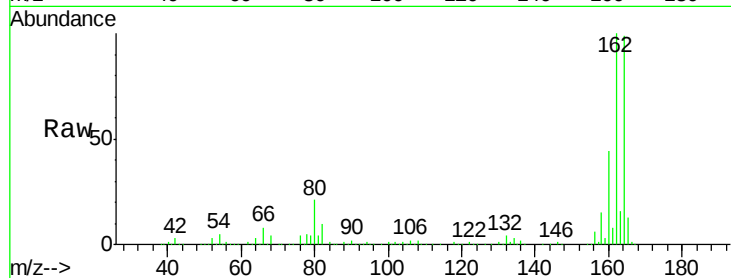




#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.26 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

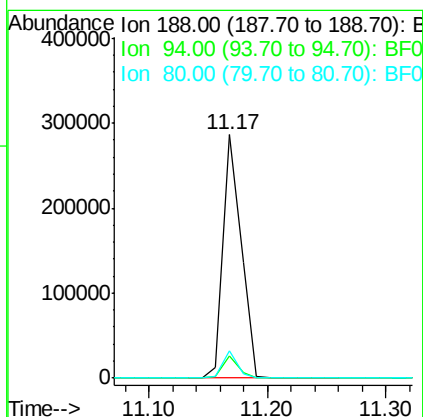
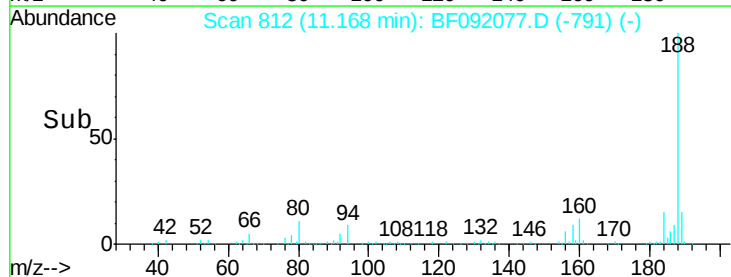
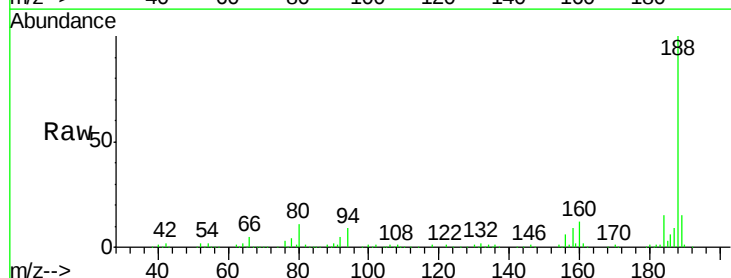
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

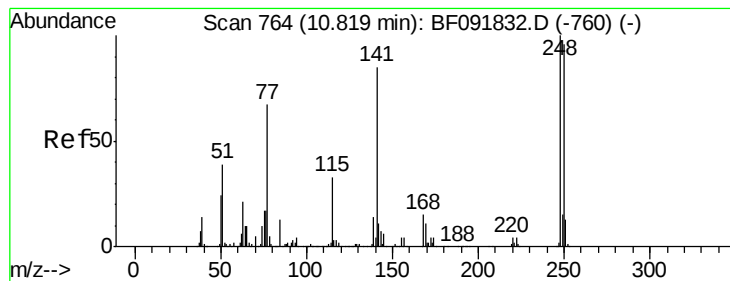
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	11.1	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 9.63 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

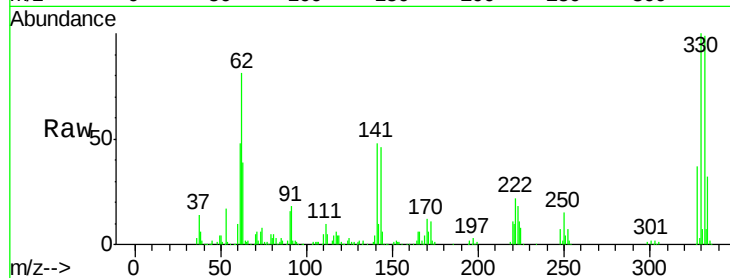
Tgt Ion:248 Resp: 30175

Ion Ratio Lower Upper

248 100

250 205.5 76.9 115.3#

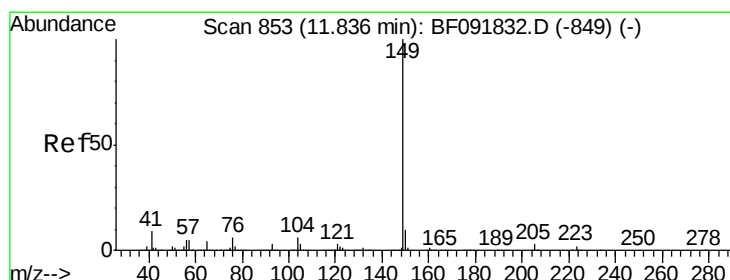
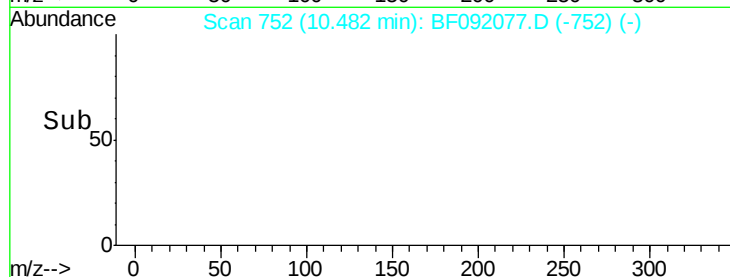
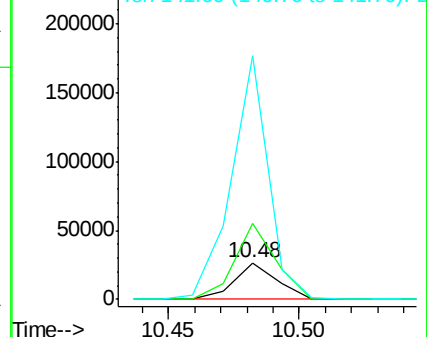
141 662.2 68.2 102.4#



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: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

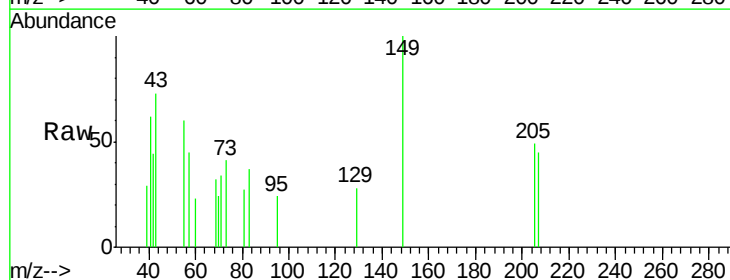
Tgt Ion:149 Resp: 1521

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

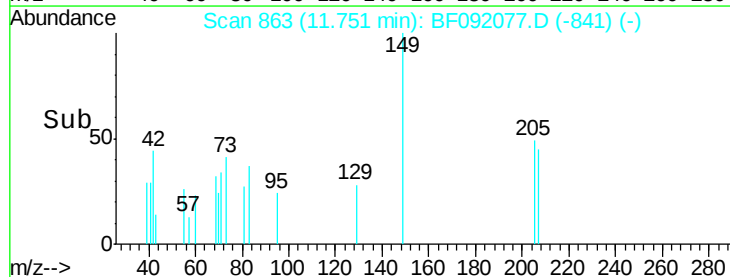
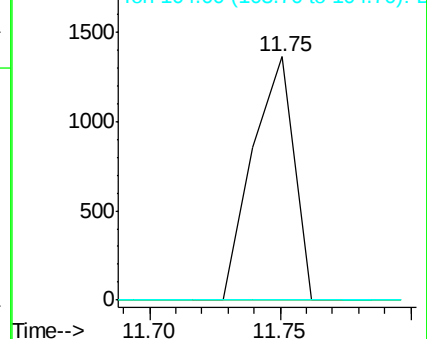
104 0.0 4.6 7.0#

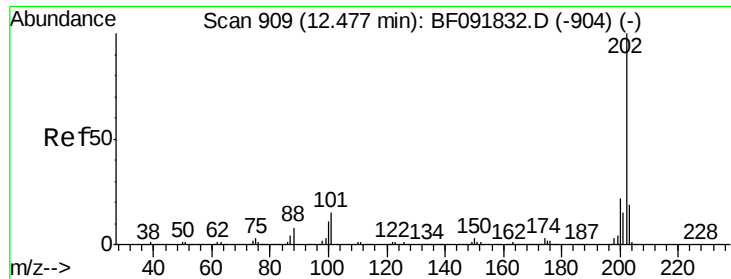


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

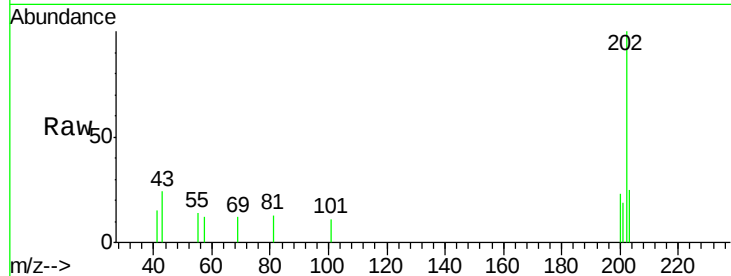
Tgt Ion:202 Resp: 2371

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.6

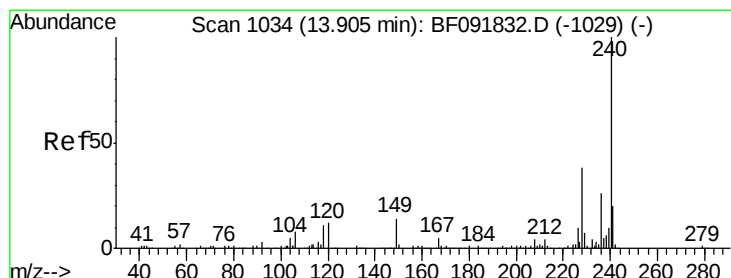
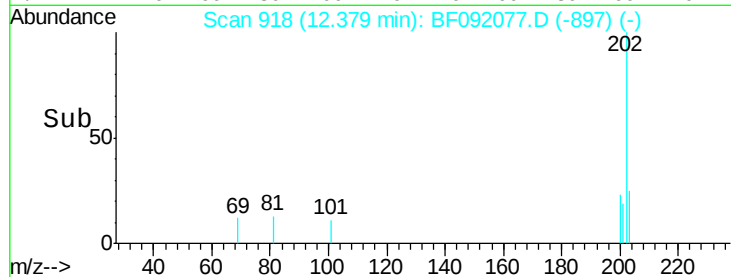
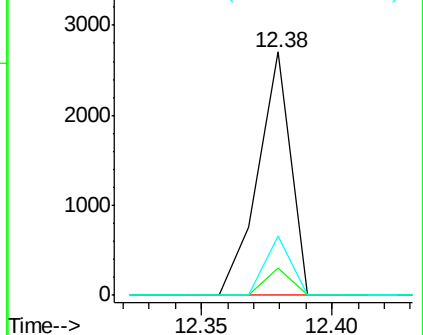
203 24.5 0.0 38.7



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. -0.07 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

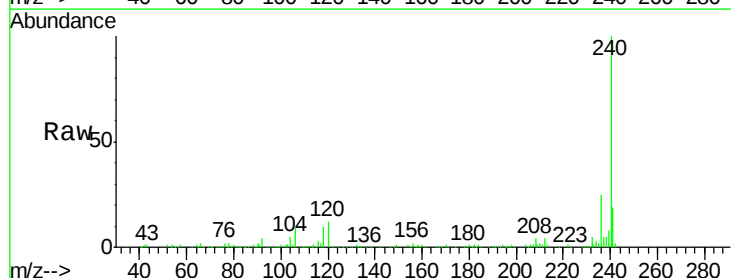
Tgt Ion:240 Resp: 254492

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

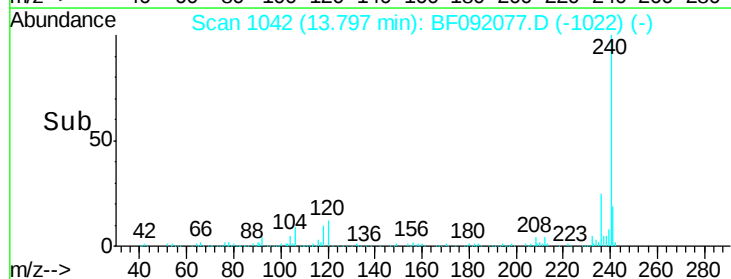
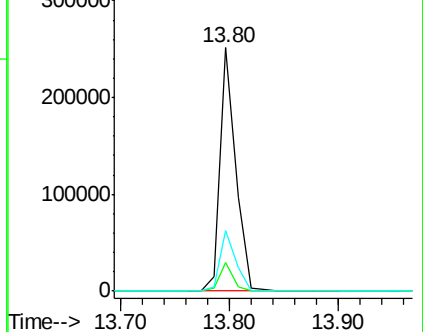
236 25.0 20.9 31.3

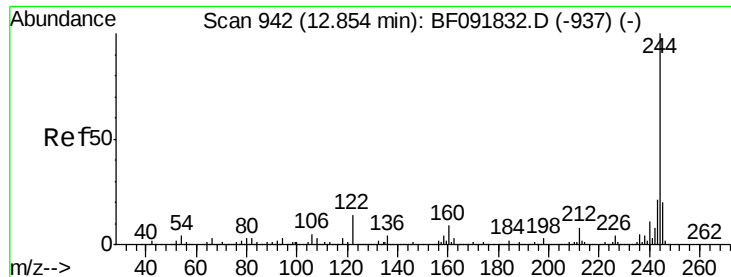


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

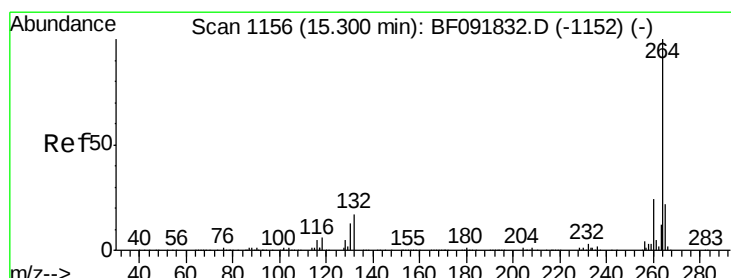
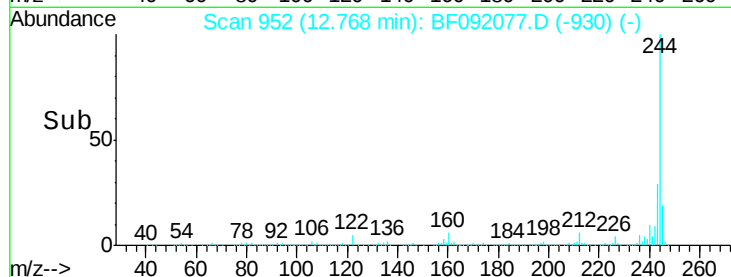
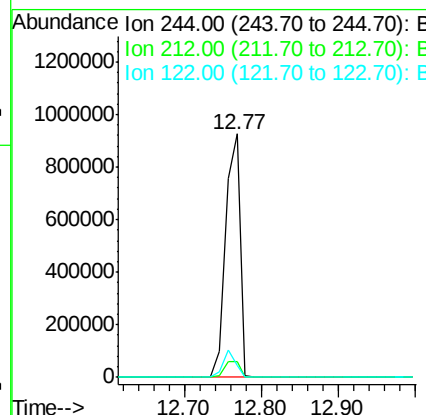
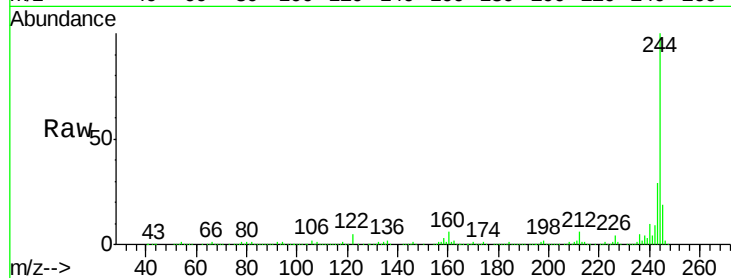




#78
 Terphenyl-d14
 Concen: 117.62 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1234203
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.2
 122 5.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. -0.09 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Tgt Ion:264 Resp: 208860
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.4 26.0

