

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
 Data File : BF092033.D
 Acq On : 29 Dec 2016 19:29
 Operator : UM/SJ
 Sample : H6301-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Dec 29 23:52:26 2016
 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

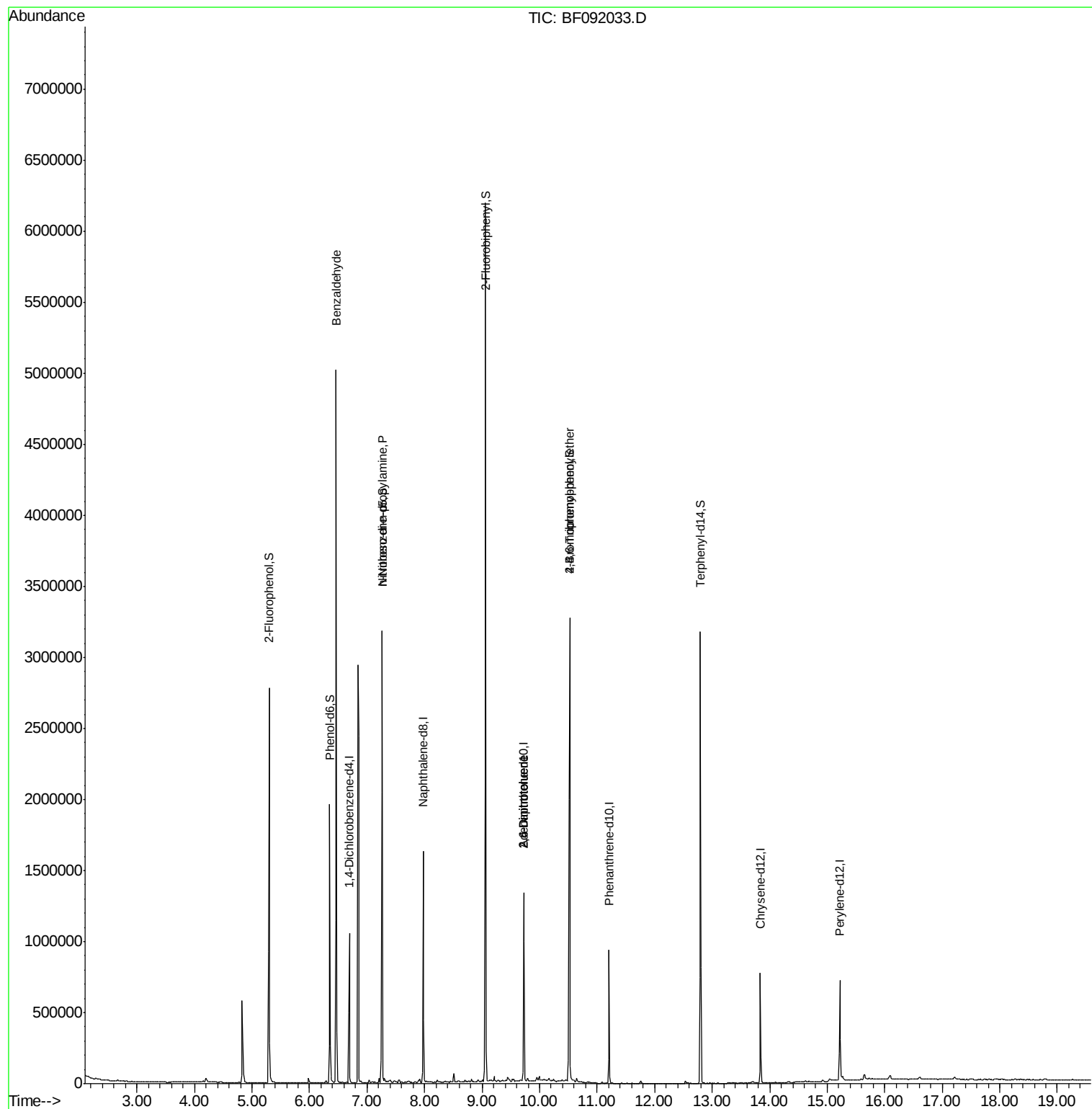
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	184978	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	736253	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	387685	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	318181	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	261896	20.00	ng	-0.03
86) Perylene-d12	15.22	264	312966	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	814658	73.54	ng	-0.02
7) Phenol-d6	6.35	99	640696	47.37	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1340370	101.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	459491	143.22	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1939406	105.63	ng	-0.02
78) Terphenyl-d14	12.80	244	1064730	98.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.46	77	29923	2.74	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	176911	19.66	ng	# 73
50) 2,6-Dinitrotoluene	9.72	165	50577	9.32	ng	# 31
56) 2,4-Dinitrotoluene	9.72	165	50568	7.42	ng	# 20
66) 4-Bromophenyl-phenylether	10.52	248	30923	9.34	ng	# 1
71) Anthracene	11.23	178	210	Below Cal	#	59
73) Di-n-butylphthalate	11.78	149	1454	Below Cal	#	76
74) Fluoranthene	12.42	202	299	Below Cal		61

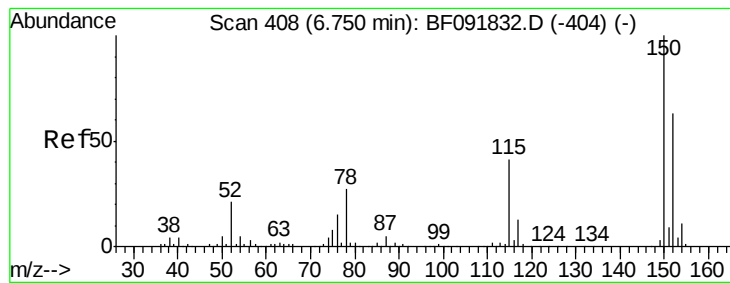
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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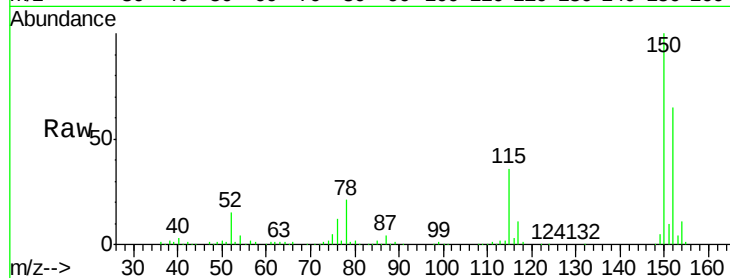


#1

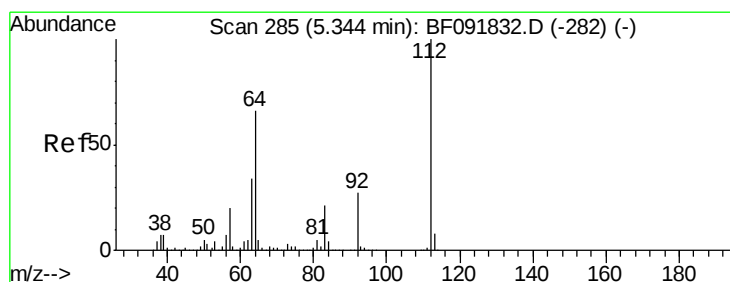
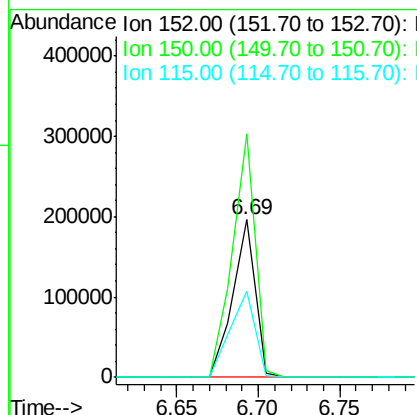
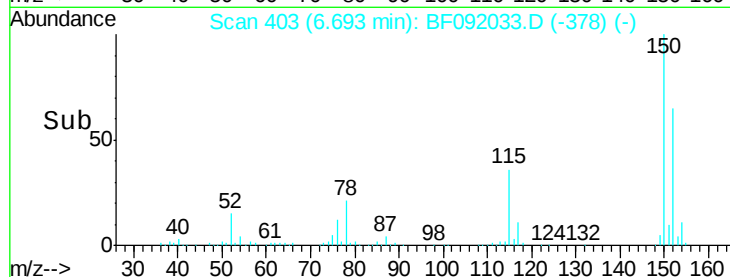
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:152 Resp: 184978
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 55.1 46.0 69.0



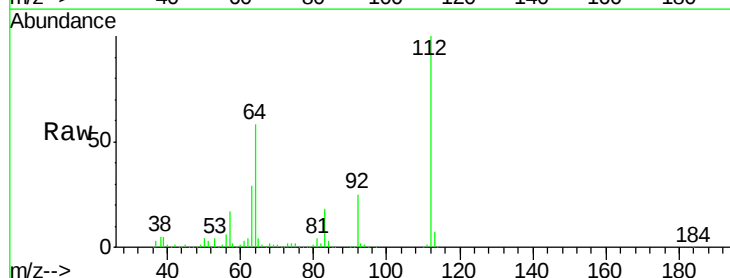
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



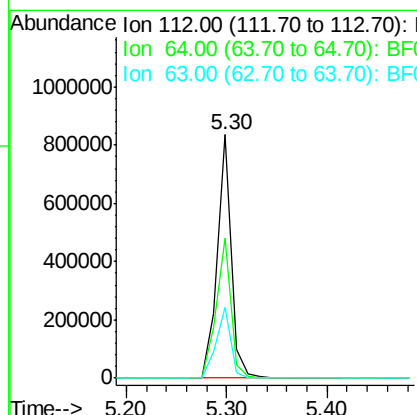
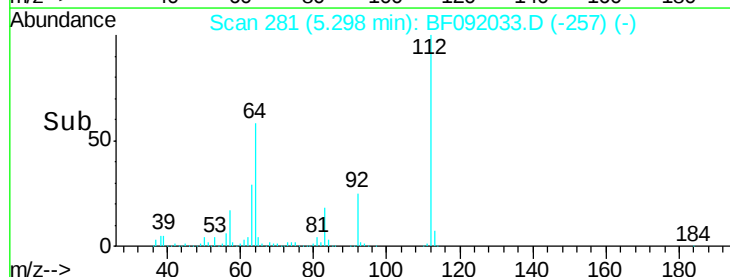
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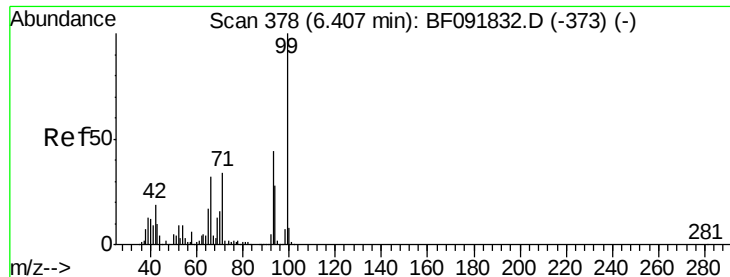
2-Fluorophenol
Concen: 73.54 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Tgt Ion:112 Resp: 814658
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 29.2 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: 47.37 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampled :

MW-27

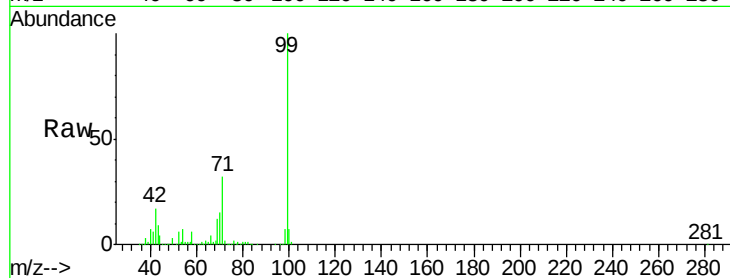
Tgt Ion: 99 Resp: 640696

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

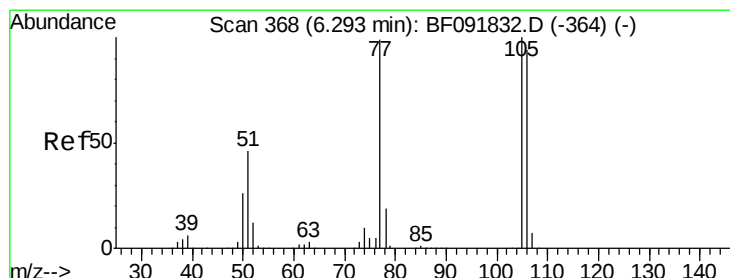
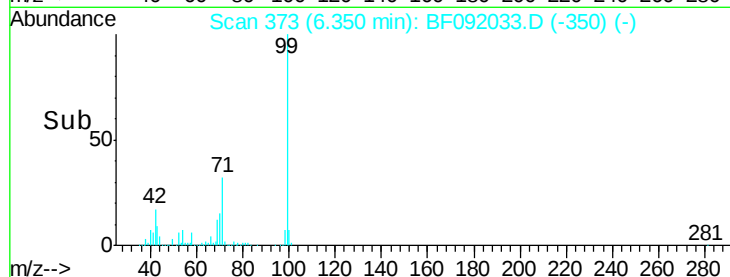
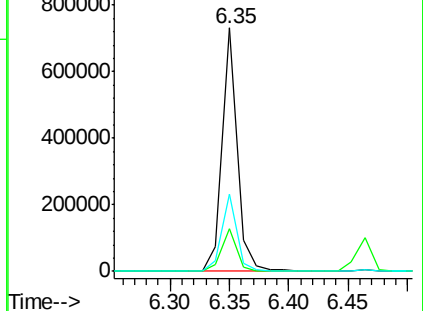
71 31.9 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.74 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.22 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

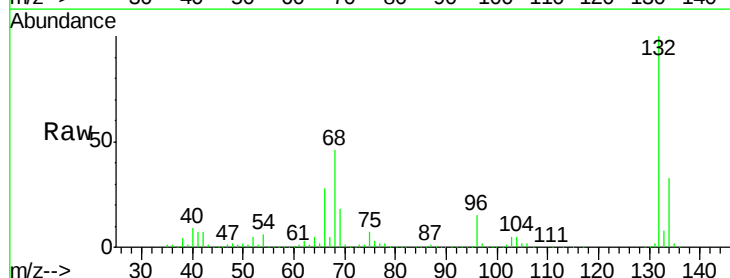
Tgt Ion: 77 Resp: 29923

Ion Ratio Lower Upper

77 100

105 76.8 83.9 123.9#

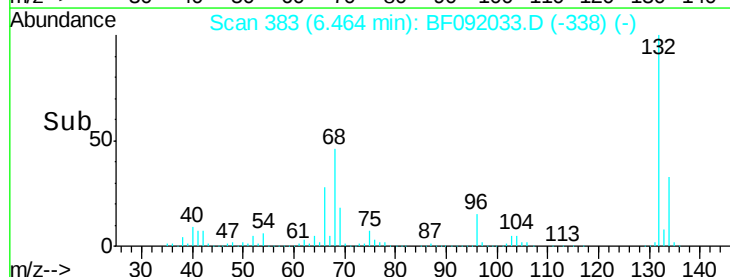
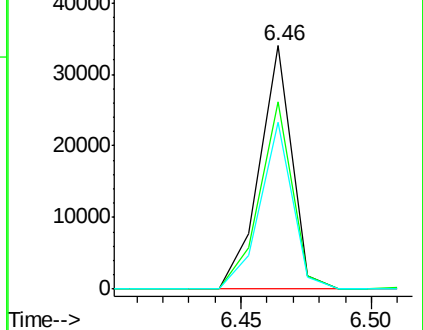
106 68.6 77.6 117.6#

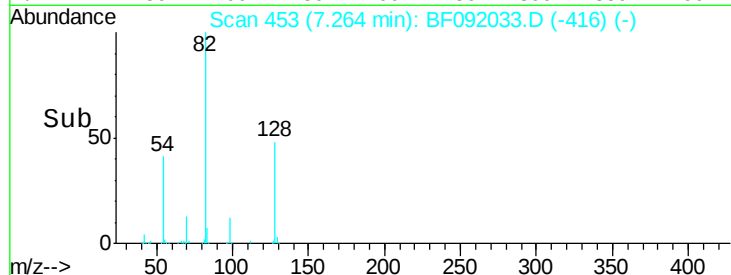
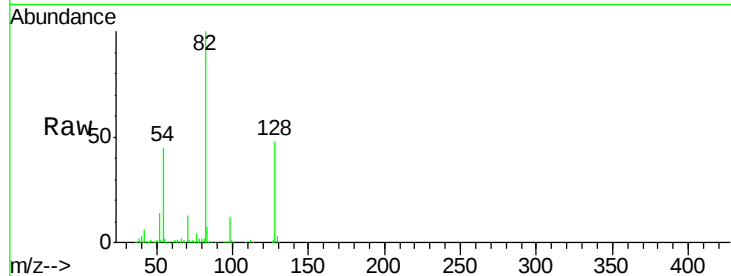
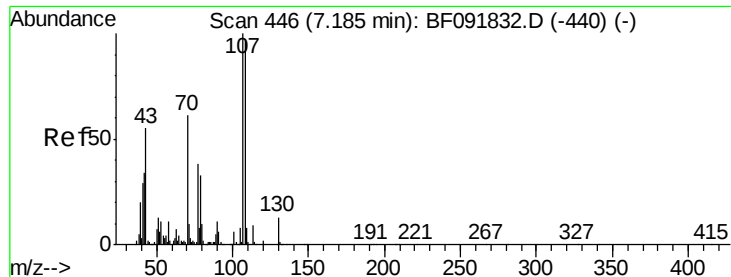


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

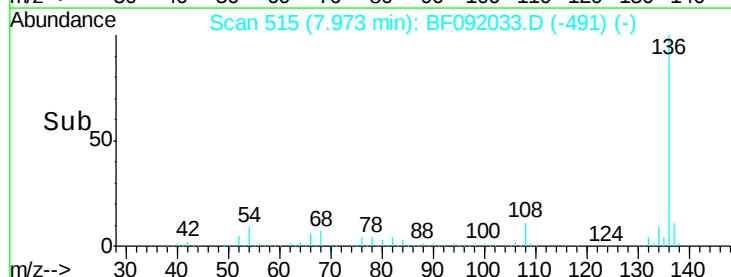
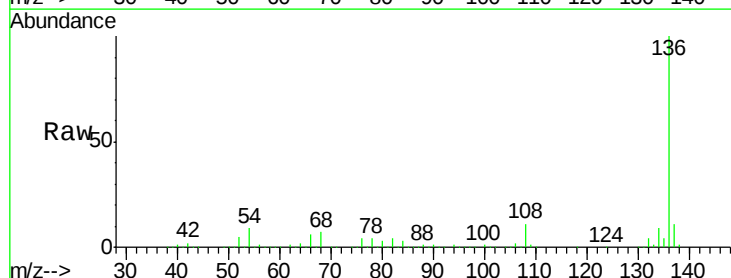
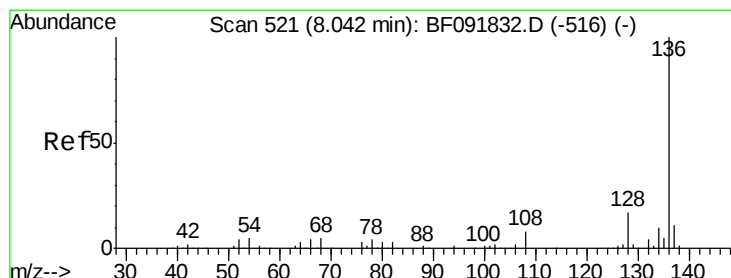
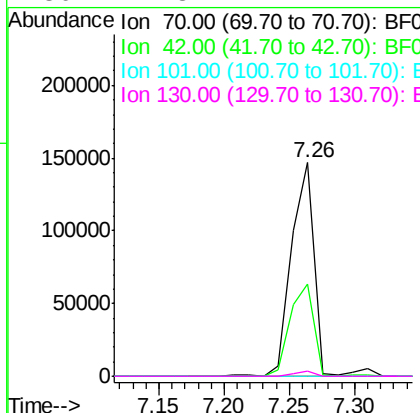




#19
n-Nitroso-di-n-propylamine
Concen: 19.66 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

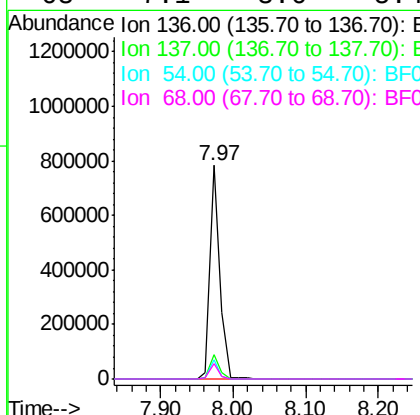
Instrument :
BNA_F
ClientSampleId :
MW-27

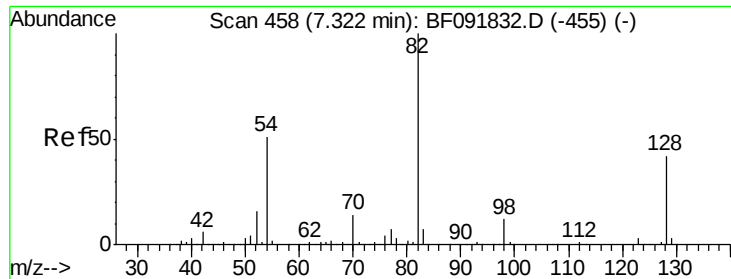
Tgt Ion: 70 Resp: 176911
Ion Ratio Lower Upper
70 100
42 43.1 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Tgt Ion: 136 Resp: 736253
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 4.5 6.7#
68 7.1 3.6 5.4#

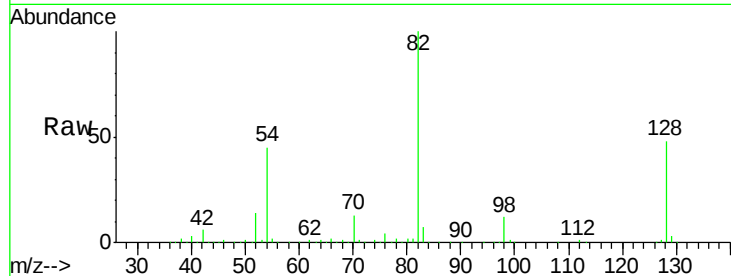




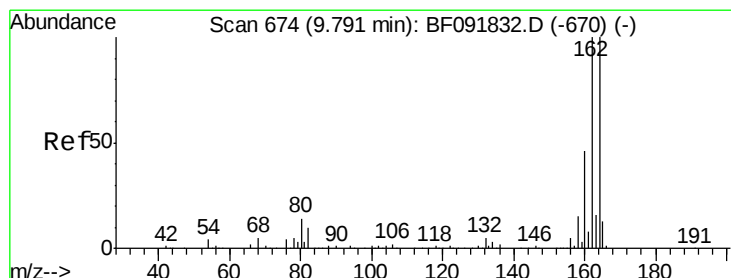
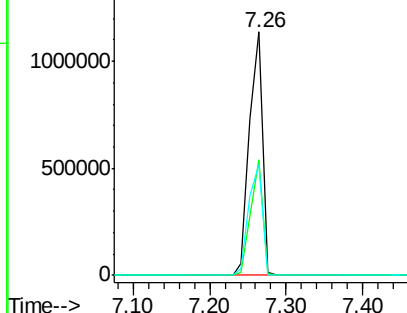
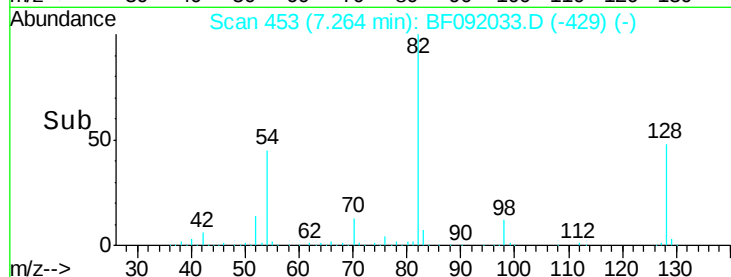
#23
 Nitrobenzene-d5
 Concen: 101.23 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion: 82 Resp: 1340370
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 45.1 39.5 59.3

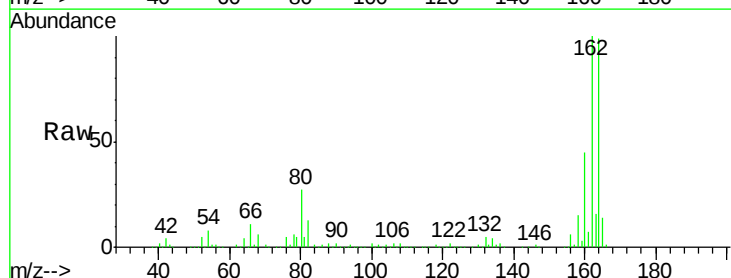


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

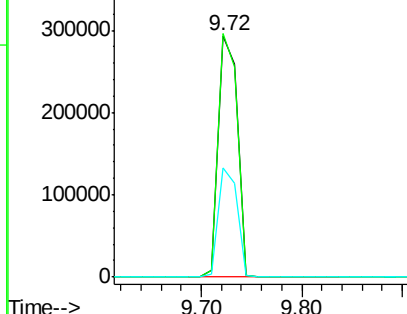
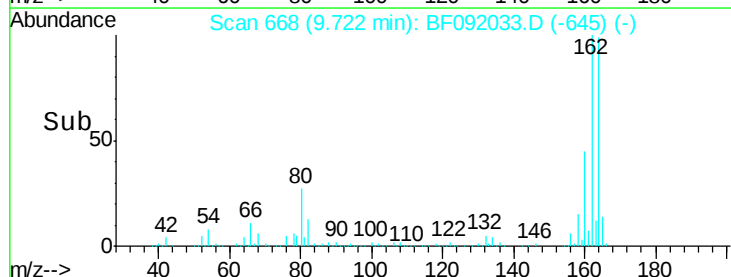


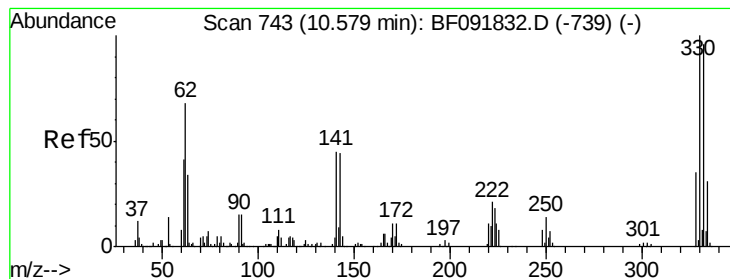
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Tgt Ion: 164 Resp: 387685
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 45.3 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

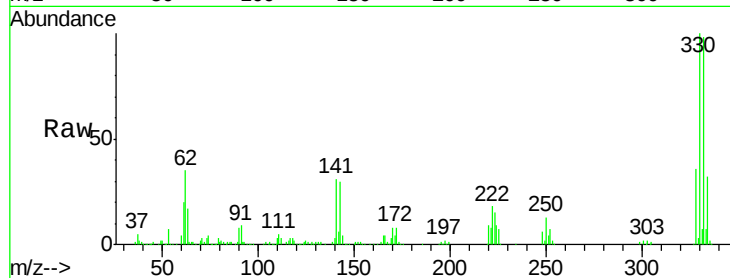




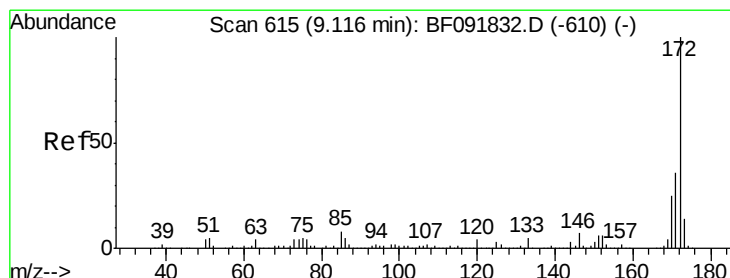
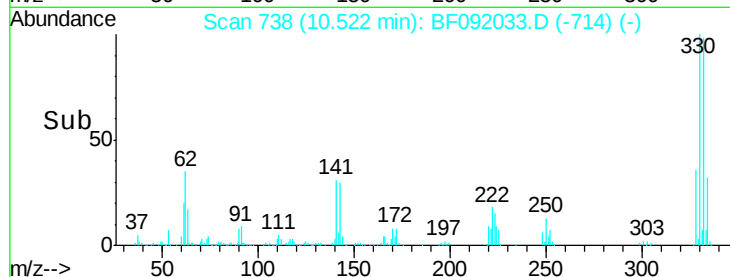
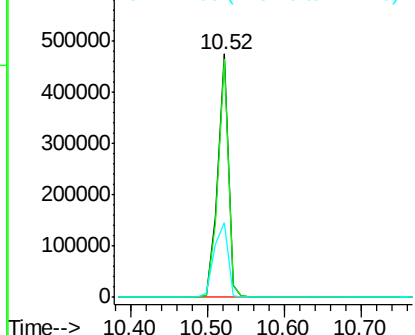
#41
 2,4,6-Tribromophenol
 Concen: 143.22 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion:330 Resp: 459491
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 39.2 34.1 51.1

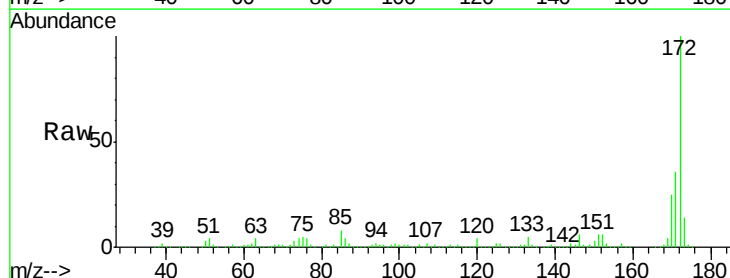


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

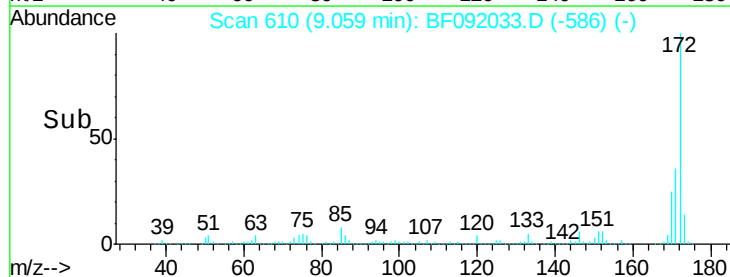
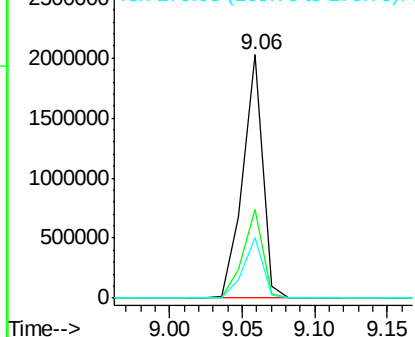


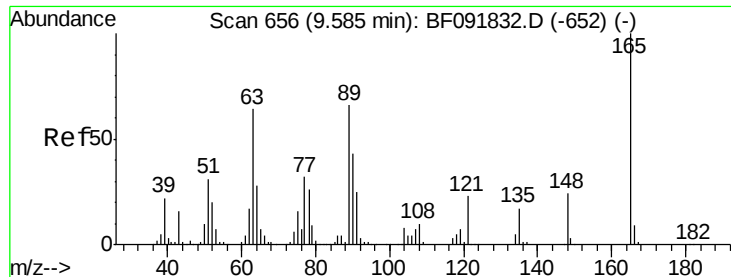
#44
 2-Fluorobiphenyl
 Concen: 105.63 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092033.D
 Acq: 29 Dec 2016 19:29

Tgt Ion:172 Resp: 1939406
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 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: 9.32 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.17 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampled :

MW-27

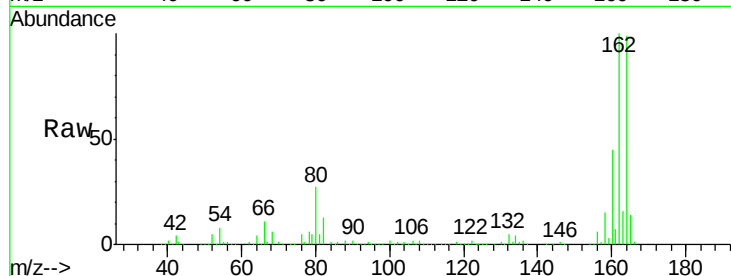
Tgt Ion:165 Resp: 50577

Ion Ratio Lower Upper

165 100

63 1.6 36.2 54.4#

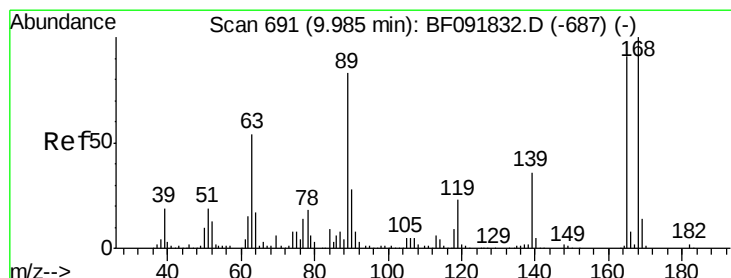
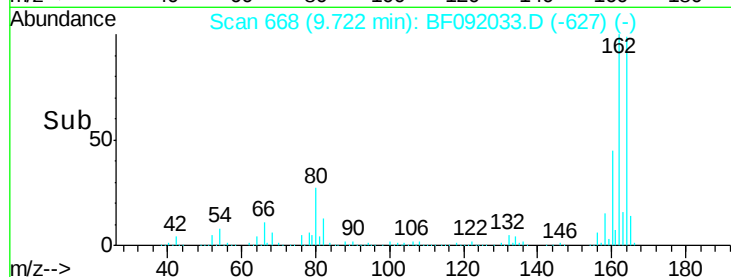
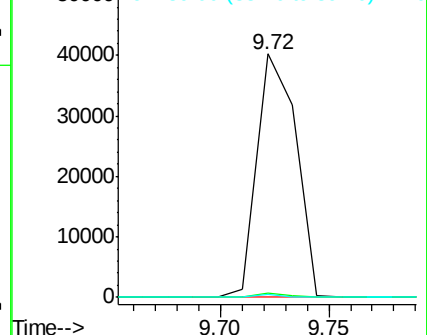
89 1.3 40.2 60.4#



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: 7.42 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.23 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Tgt Ion:165 Resp: 50568

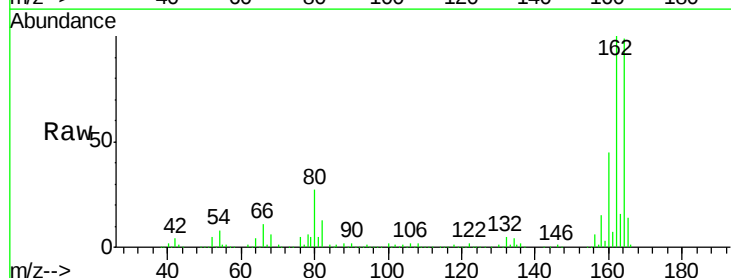
Ion Ratio Lower Upper

165 100

63 1.6 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

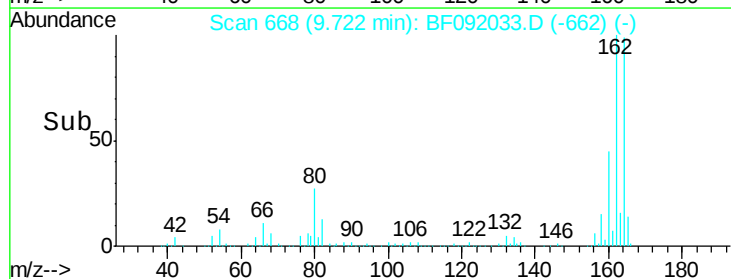
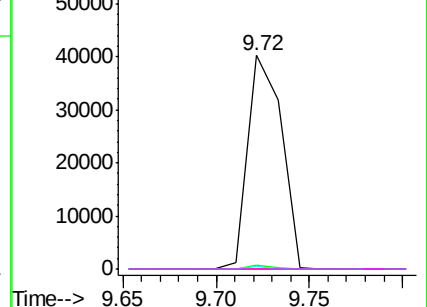


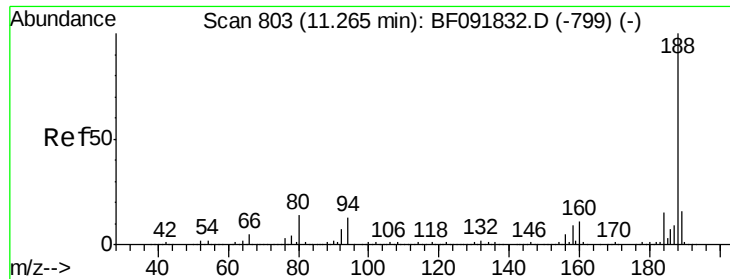
Abundance Ion 165.00 (164.70 to 165.70): E

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

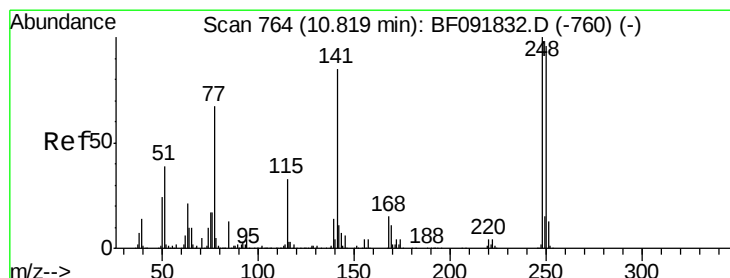
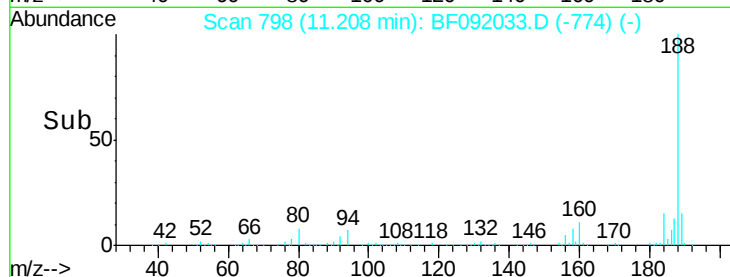
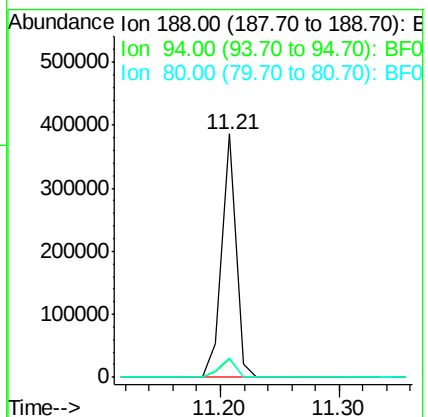
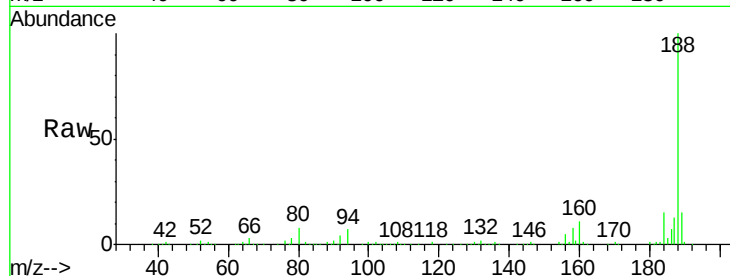




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

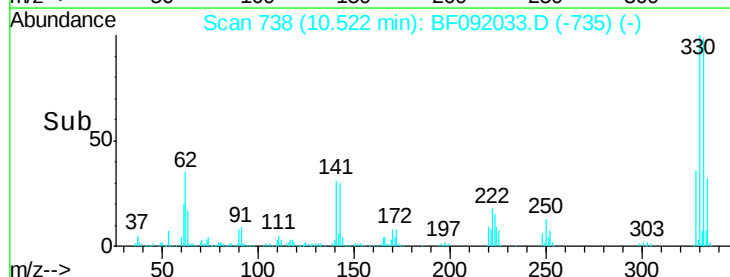
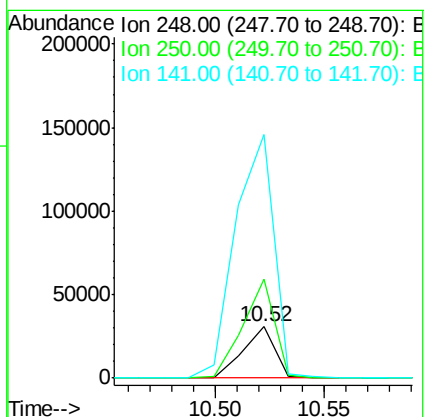
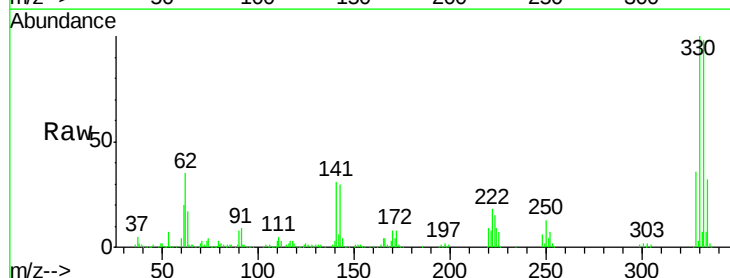
Instrument :
BNA_F
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MW-27

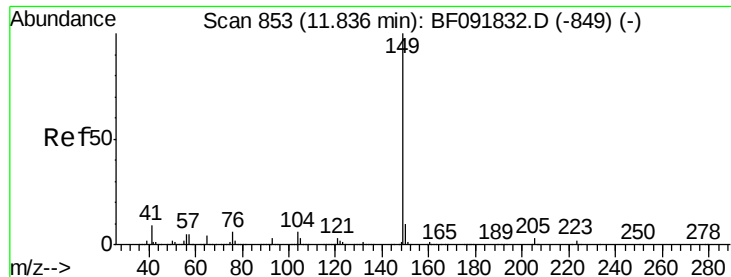
Tgt Ion:188 Resp: 318181
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 8.0 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 9.34 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Tgt Ion:248 Resp: 30923
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 472.5 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampleId :

MW-27

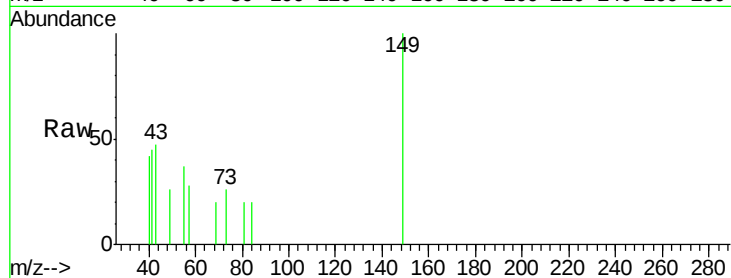
Tgt Ion:149 Resp: 1454

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

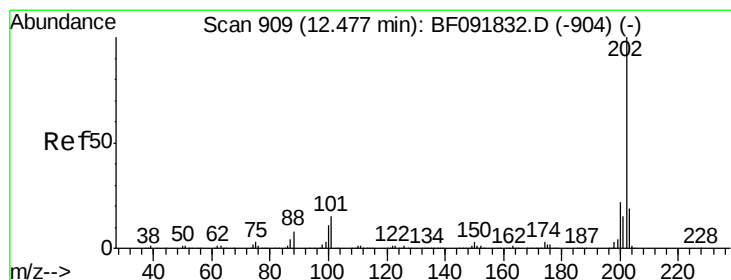
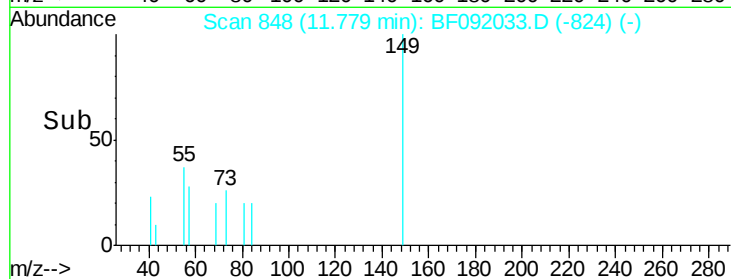
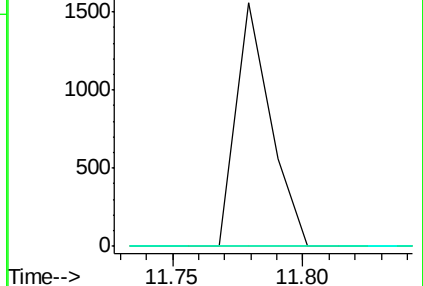
104 0.0 4.6 7.0#



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: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

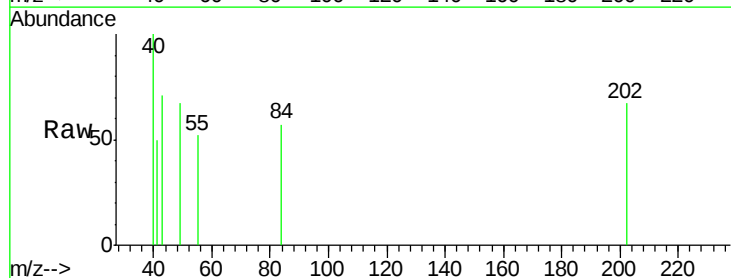
Tgt Ion:202 Resp: 299

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

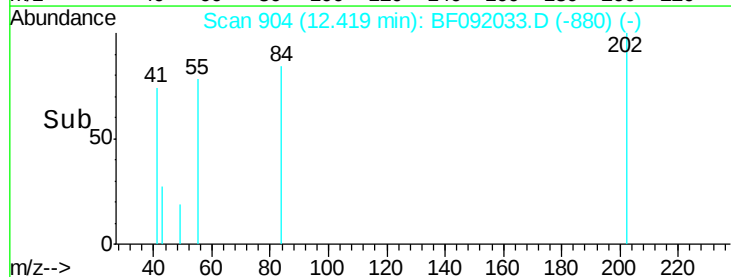
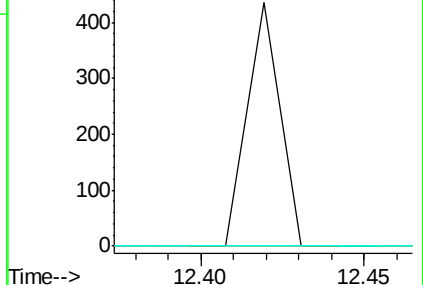
203 0.0 0.0 38.7

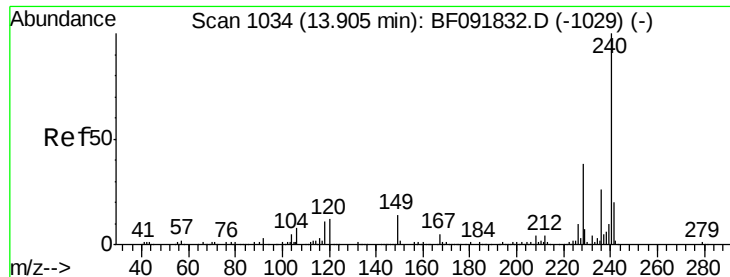


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

Instrument :

BNA_F

ClientSampleId :

MW-27

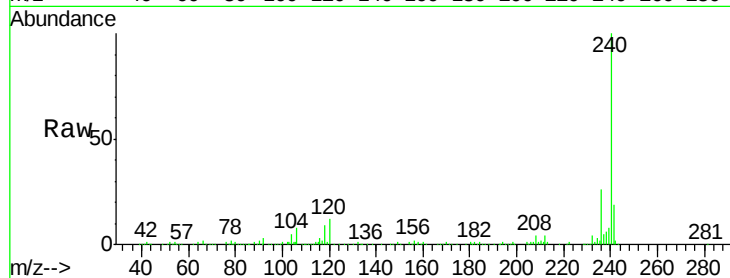
Tgt Ion:240 Resp: 261896

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

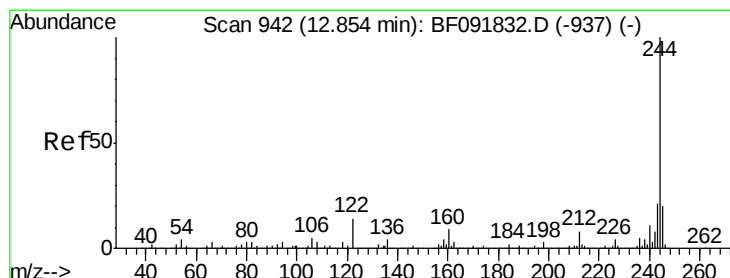
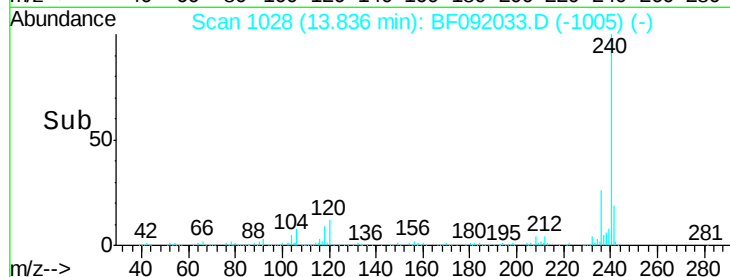
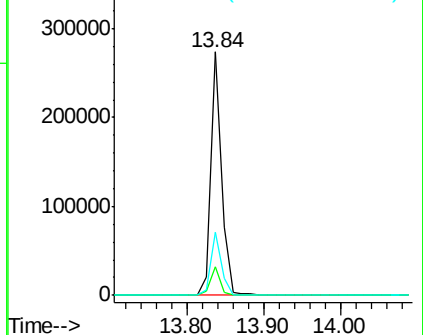
236 26.2 20.9 31.3



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: 98.60 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092033.D

Acq: 29 Dec 2016 19:29

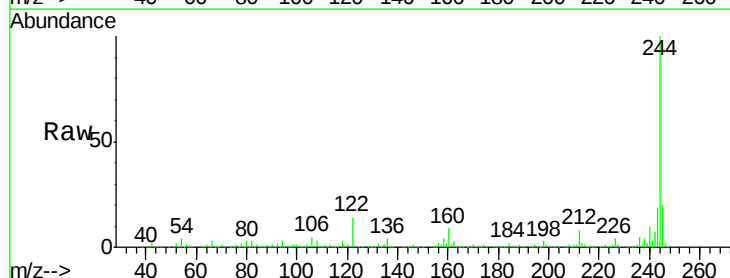
Tgt Ion:244 Resp: 1064730

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

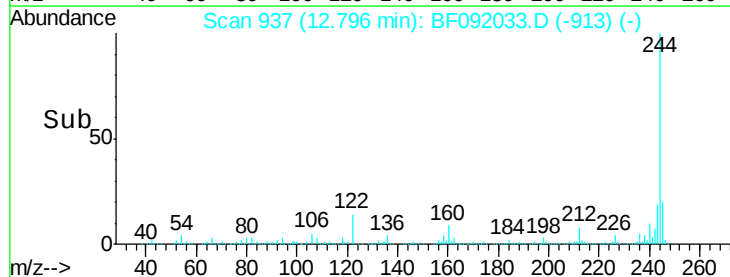
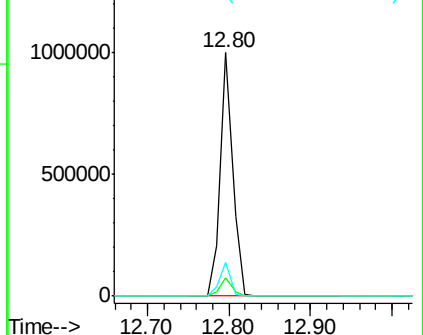
122 13.8 11.4 17.2

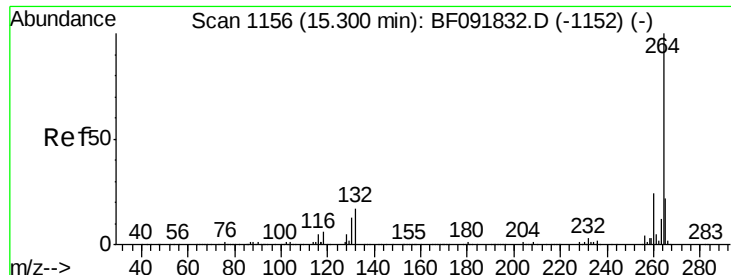


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

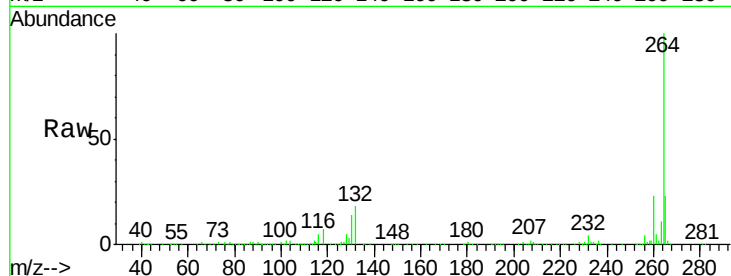




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF092033.D
Acq: 29 Dec 2016 19:29

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:	264	Resp:	312966
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.8	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

