

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092086.D
 Acq On : 4 Jan 2017 23:41
 Operator : UM/SJ
 Sample : I1004-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jan 05 00:12:38 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

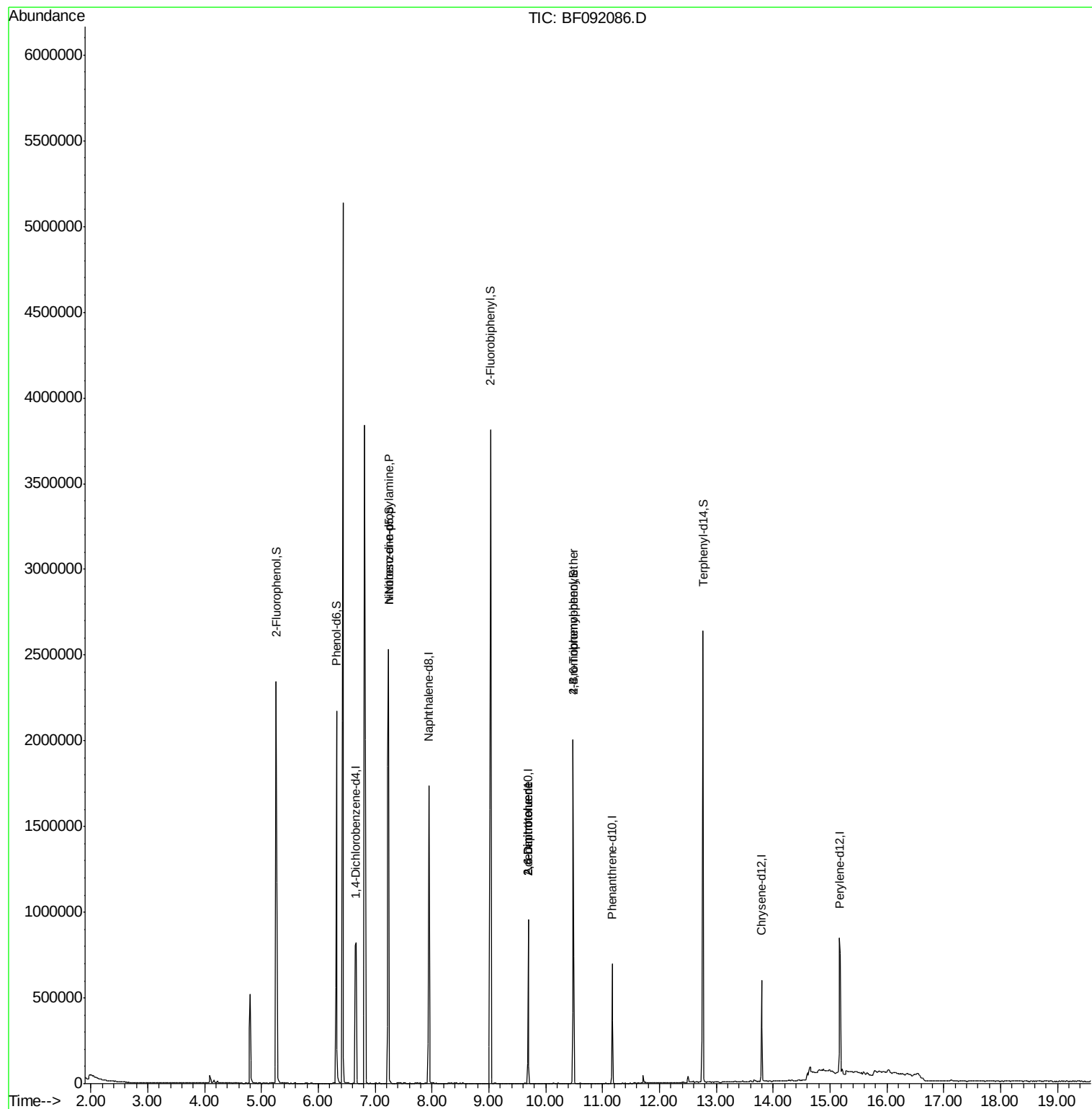
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	190098	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	786026	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	189733	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	300903	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	239798	20.00	ng	-0.07
86) Perylene-d12	15.18	264	425151	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	763328	67.05	ng	-0.06
7) Phenol-d6	6.32	99	741171	53.32	ng	-0.06
23) Nitrobenzene-d5	7.24	82	1155016	81.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	270927	172.54	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	1288656	148.85	ng	-0.05
78) Terphenyl-d14	12.77	244	1190881	120.44	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.32	77	1311	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	155117	16.77	ng	# 73
50) 2,6-Dinitrotoluene	9.69	165	24240	9.13	ng	# 29
56) 2,4-Dinitrotoluene	9.69	165	24240	7.27	ng	# 18
66) 4-Bromophenyl-phenylether	10.48	248	16692	5.33	ng	# 1
71) Anthracene	11.19	178	241	Below Cal	#	59
73) Di-n-butylphthalate	11.75	149	4263	Below Cal	#	93
74) Fluoranthene	12.38	202	224	Below Cal		61

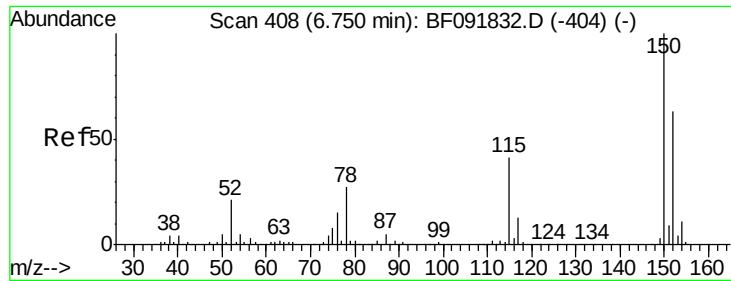
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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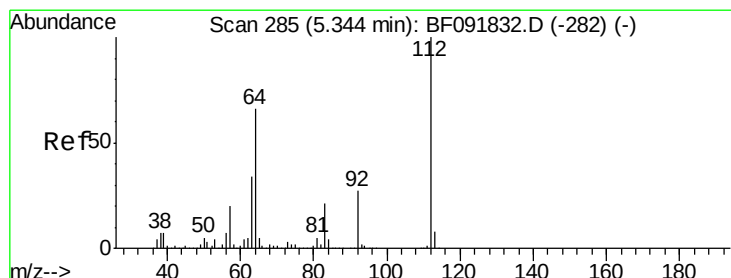
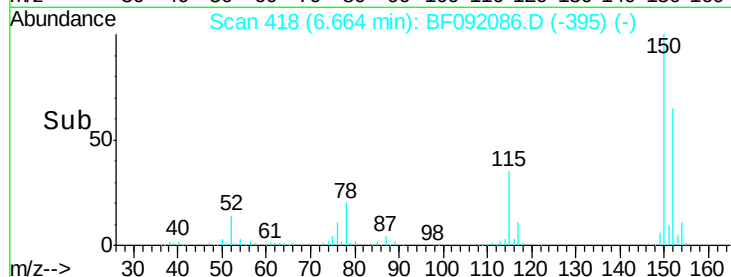
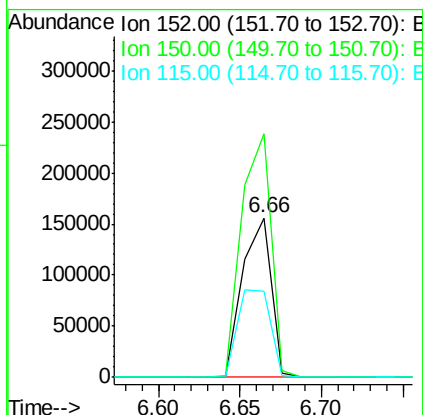
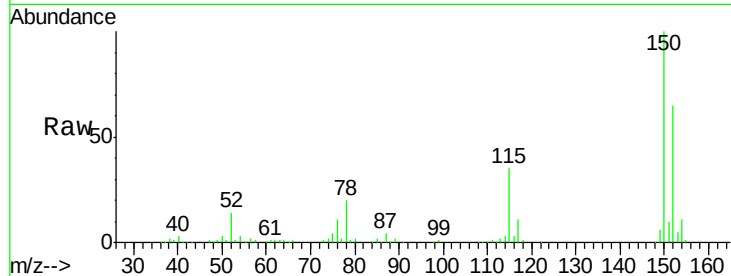


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 418
Delta R.T. -0.04 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Instrument :
BNA_F
ClientSampleId :
MW-19

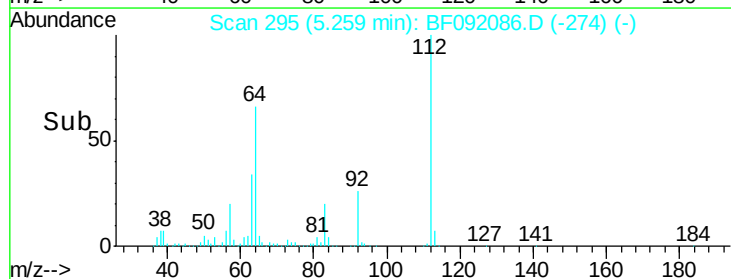
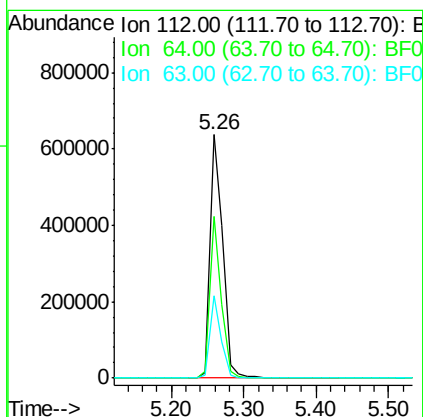
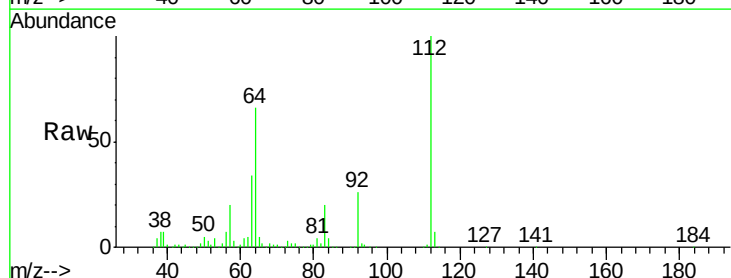
Tgt Ion:152 Resp: 190098
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 53.7 46.0 69.0

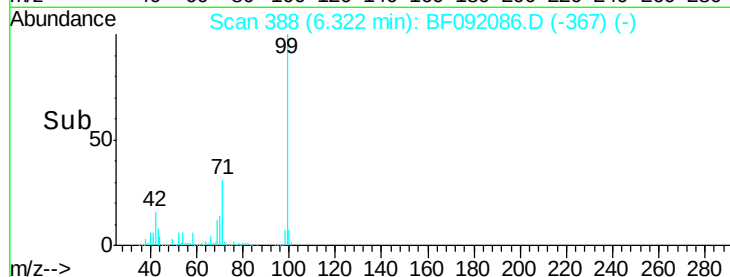
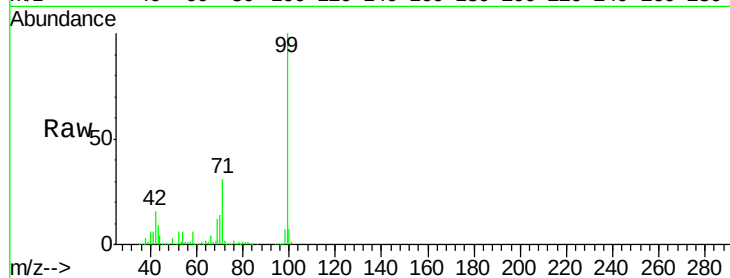
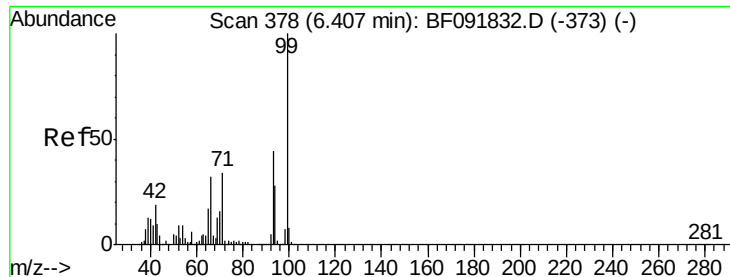


#5

2-Fluorophenol
Concen: 67.05 ng
RT: 5.26 min Scan# 295
Delta R.T. -0.06 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Tgt Ion:112 Resp: 763328
Ion Ratio Lower Upper
112 100
64 66.5 46.1 69.1
63 34.0 23.8 35.6





#7

Phenol-d6

Concen: 53.32 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-19

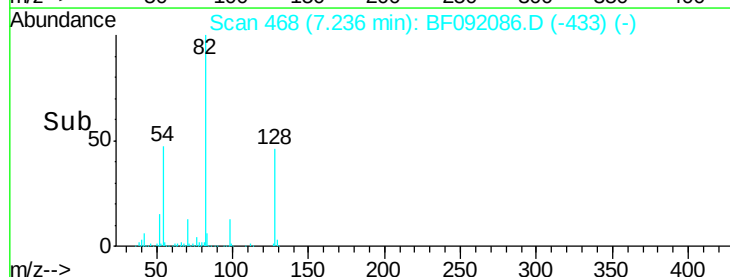
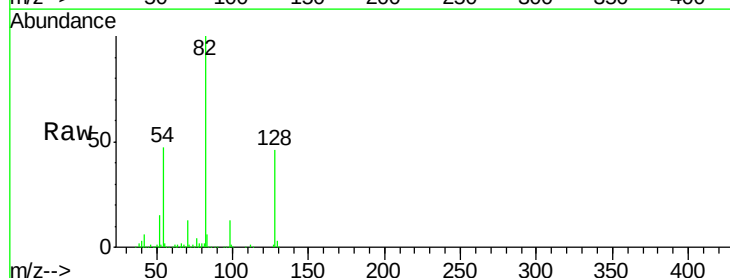
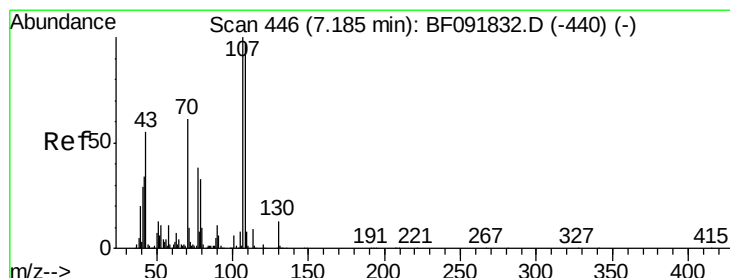
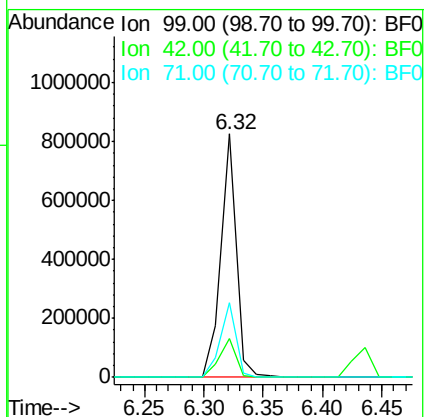
Tgt Ion: 99 Resp: 741171

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

71 30.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.77 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

Tgt Ion: 70 Resp: 155117

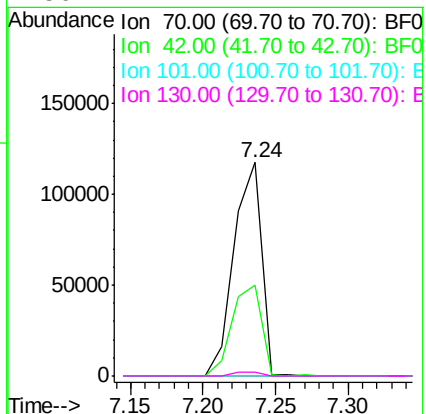
Ion Ratio Lower Upper

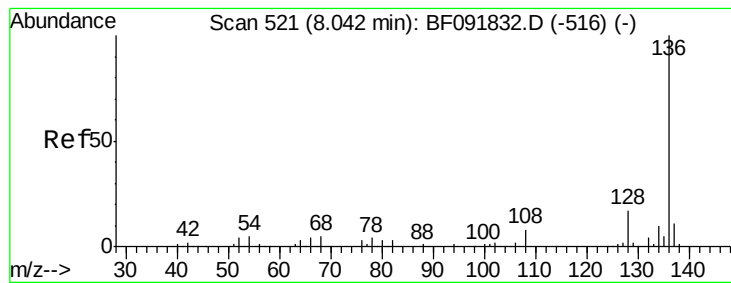
70 100

42 42.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

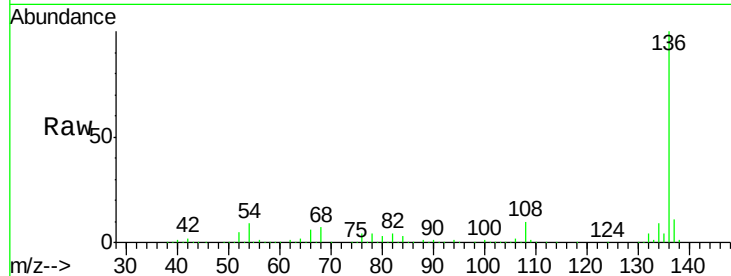




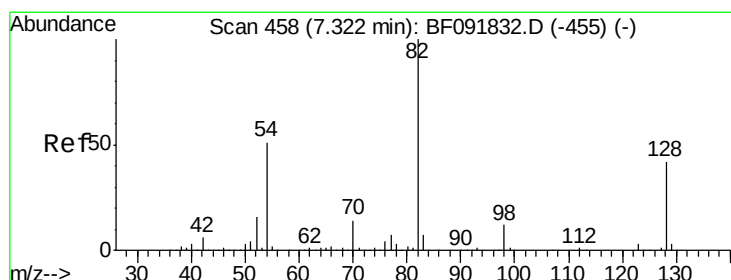
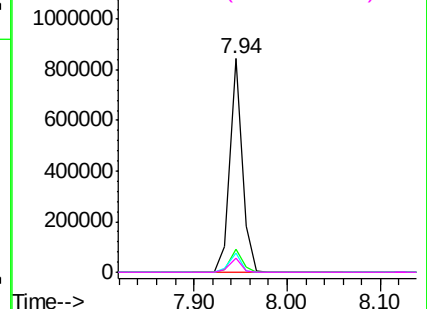
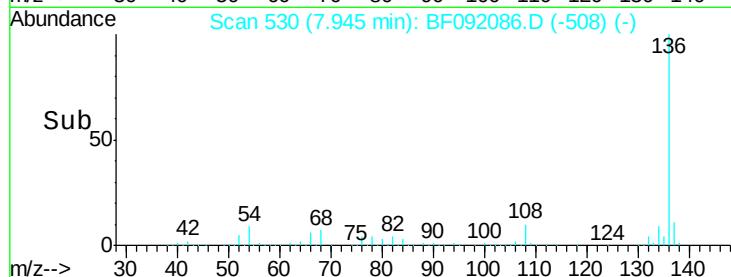
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:	136	Resp:	786026
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.7	4.5	6.7#
68	6.8	3.6	5.4#

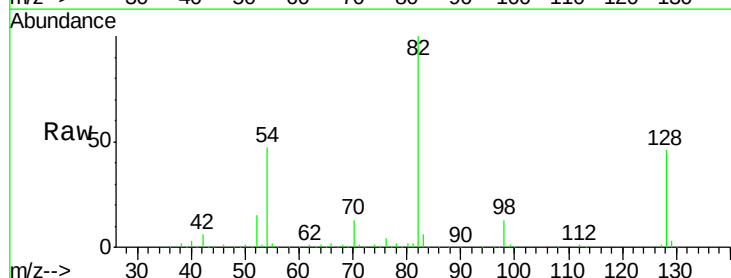


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

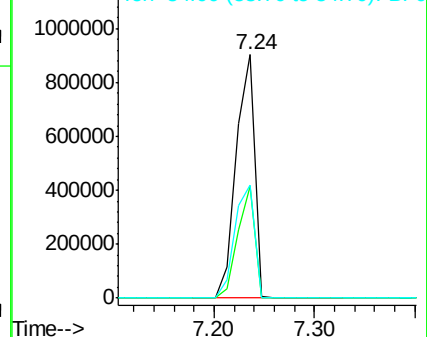
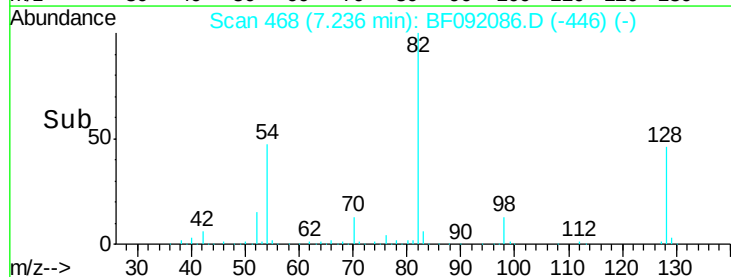


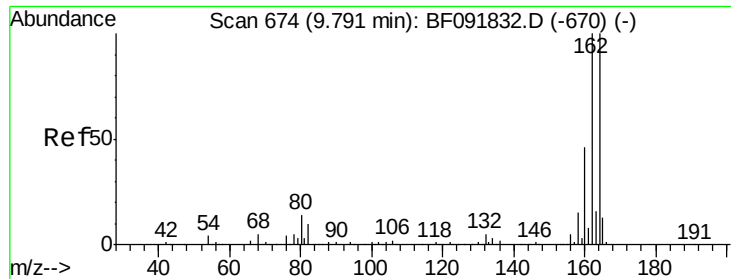
#23
Nitrobenzene-d5
Concen: 81.71 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Tgt Ion:	82	Resp:	1155016
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	46.5	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-19

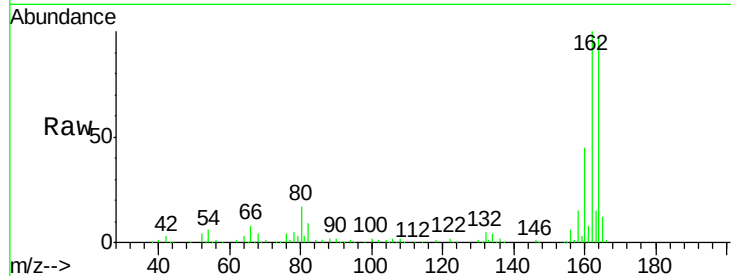
Tgt Ion:164 Resp: 189733

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

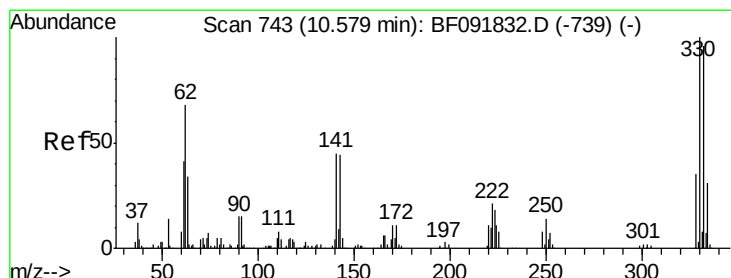
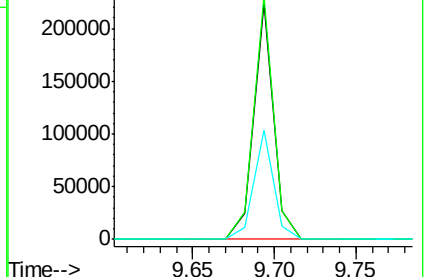
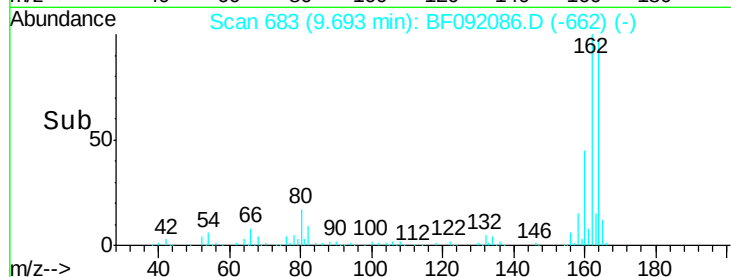
160 46.0 36.9 55.3



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: 172.54 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

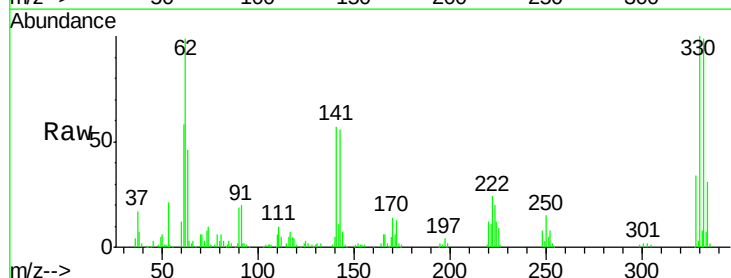
Tgt Ion:330 Resp: 270927

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

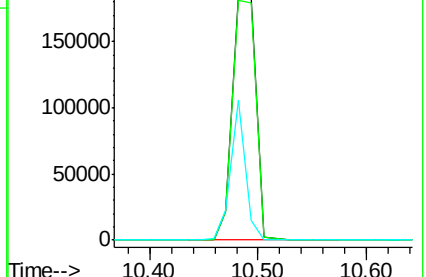
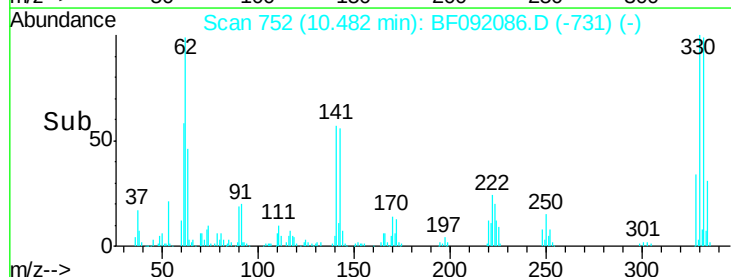
141 36.7 34.1 51.1

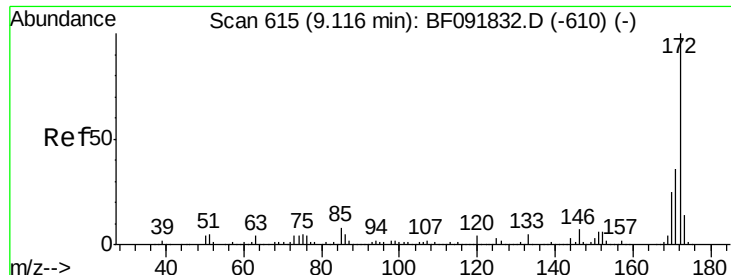


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

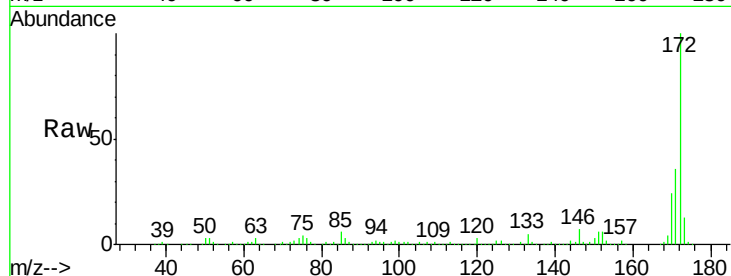




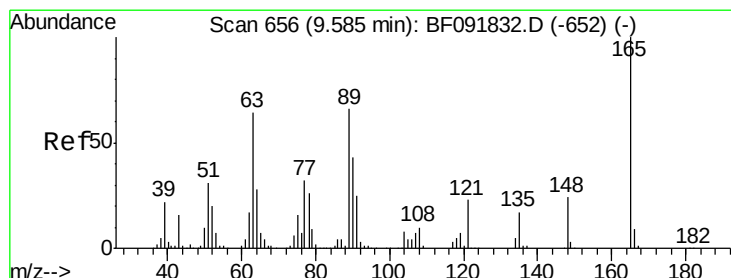
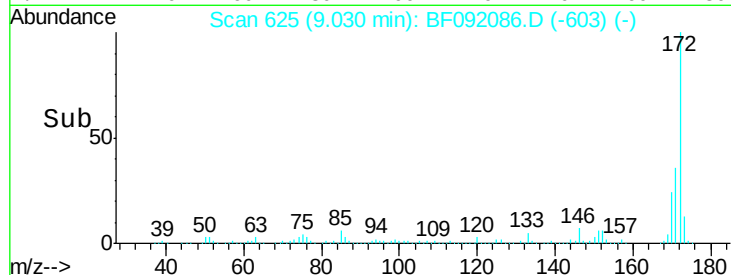
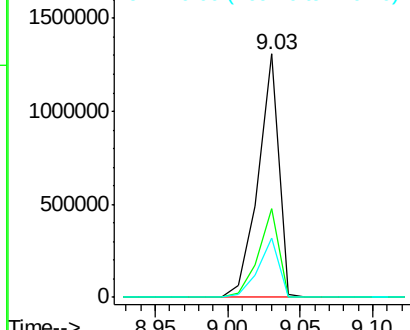
#44
 2-Fluorobiphenyl
 Concen: 148.85 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092086.D
 Acq: 4 Jan 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion:172 Resp: 1288656
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 20.2 30.4

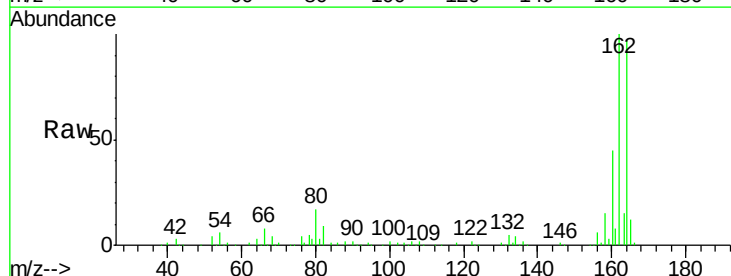


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

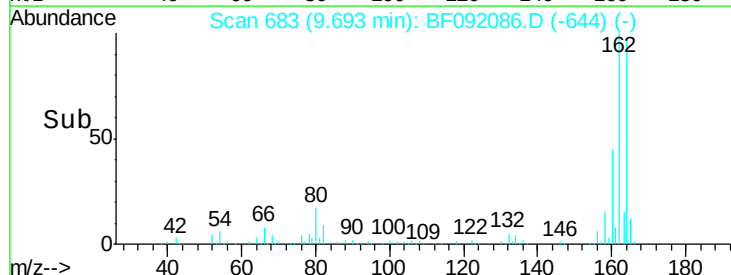
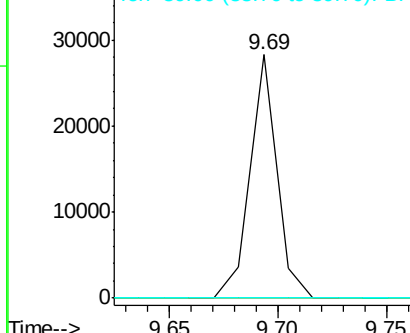


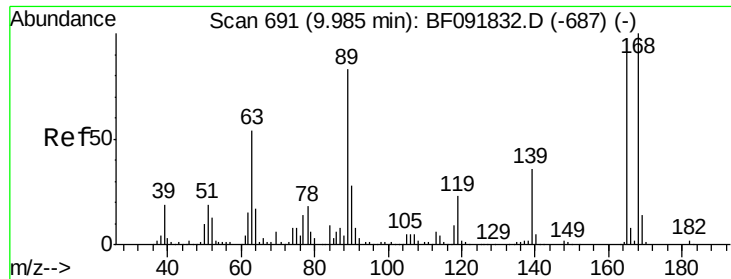
#50
 2,6-Dinitrotoluene
 Concen: 9.13 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.14 min
 Lab File: BF092086.D
 Acq: 4 Jan 2017 23:41

Tgt Ion:165 Resp: 24240
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 0.0 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

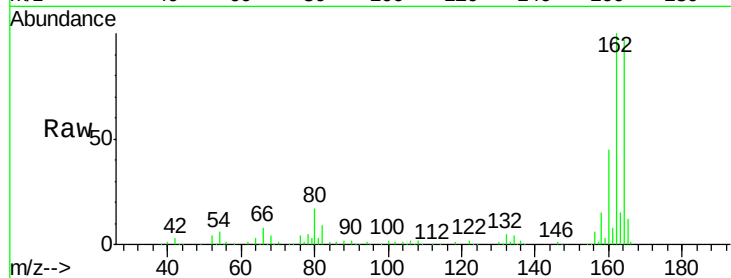




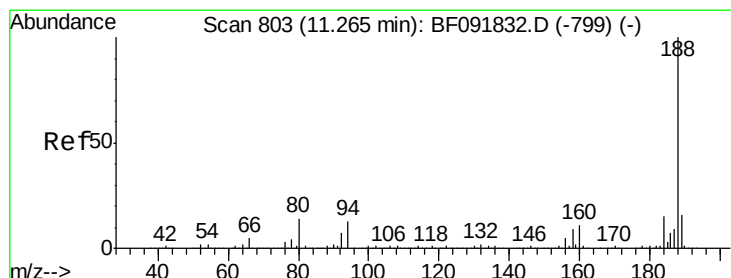
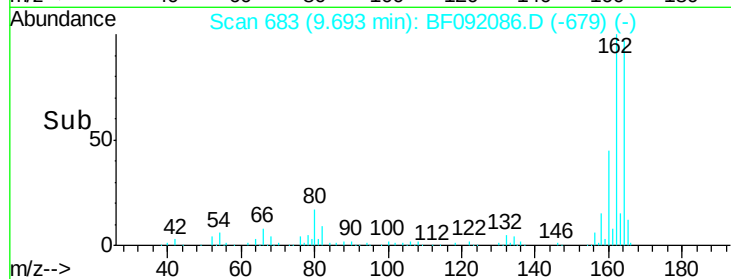
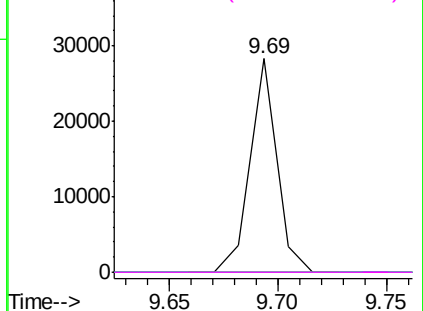
#56
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.26 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:165 Resp: 24240
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.0 62.5 93.7#
182 0.0 1.8 2.8#

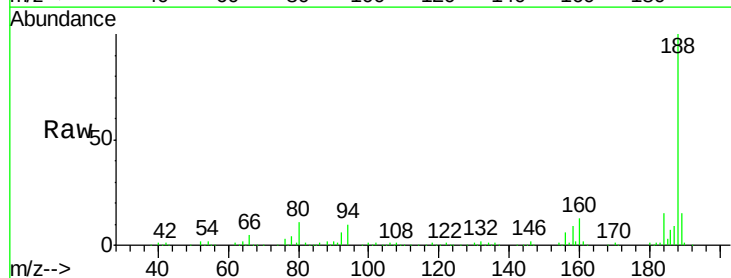


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

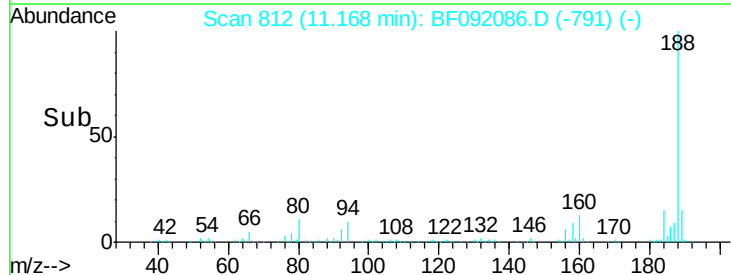
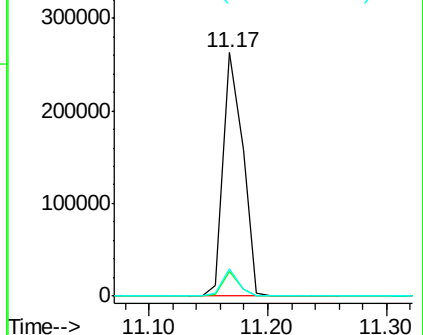


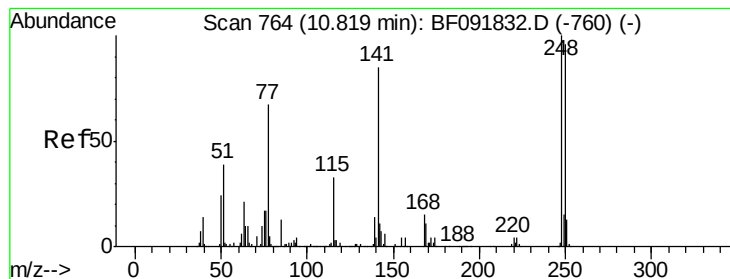
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092086.D
Acq: 4 Jan 2017 23:41

Tgt Ion:188 Resp: 300903
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 11.2 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





#66

4-Bromophenyl-phenylether

Concen: 5.33 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

Instrument :

BNA_F

ClientSampled :

MW-19

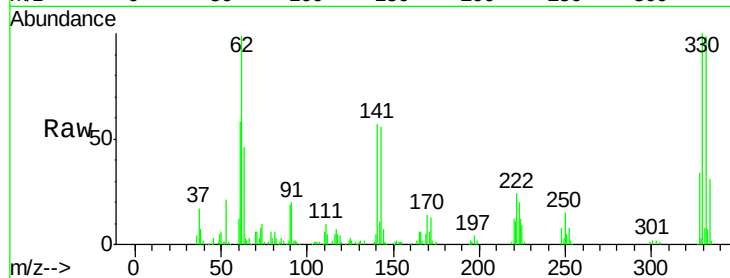
Tgt Ion:248 Resp: 16692

Ion Ratio Lower Upper

248 100

250 179.8 76.9 115.3#

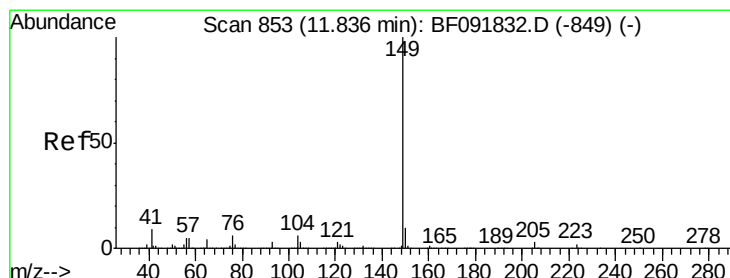
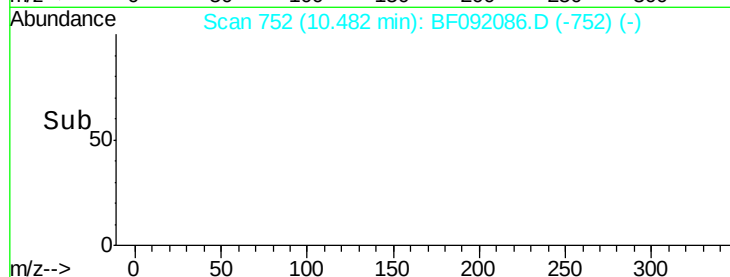
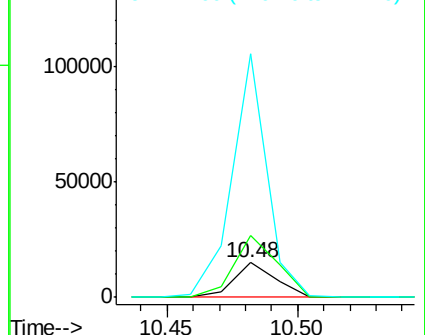
141 702.0 68.2 102.4#



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: BF092086.D

Acq: 4 Jan 2017 23:41

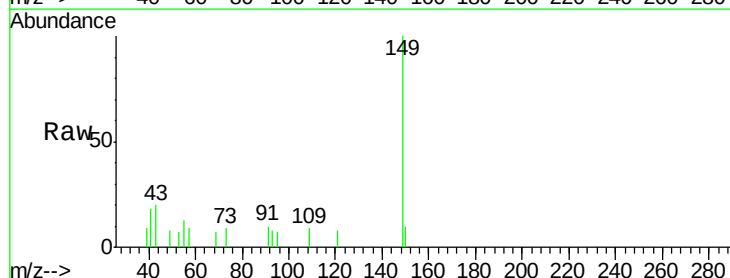
Tgt Ion:149 Resp: 4263

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

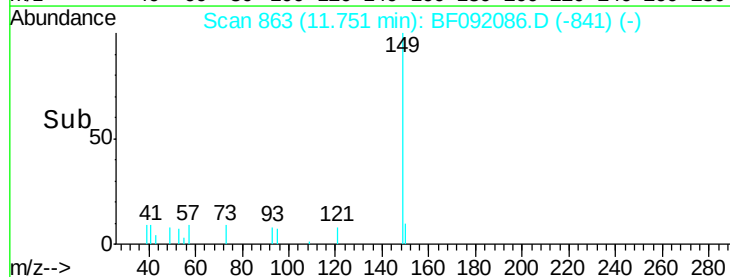
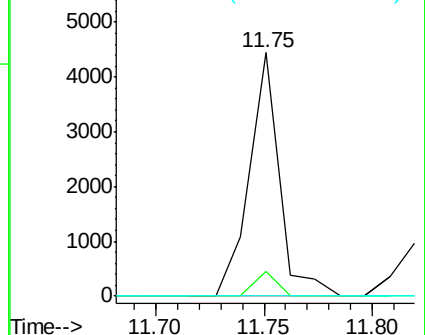
104 0.0 4.6 7.0#

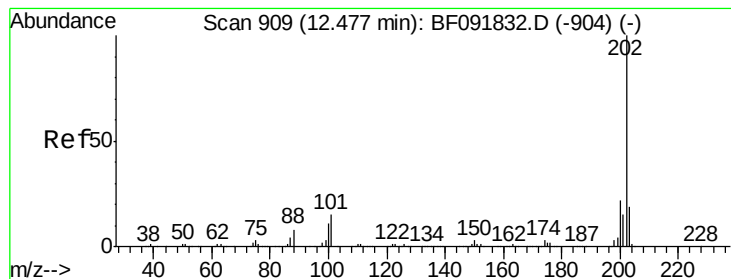


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF092086.D

Acq: 4 Jan 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-19

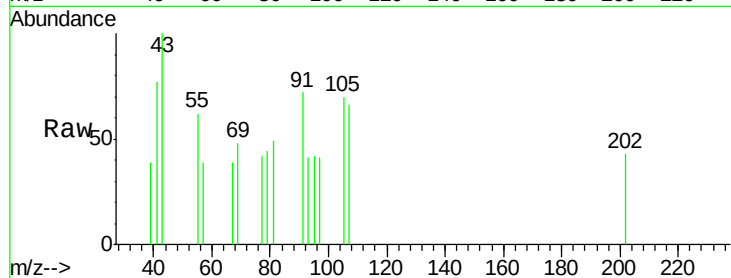
Tgt Ion: 202 Resp: 224

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

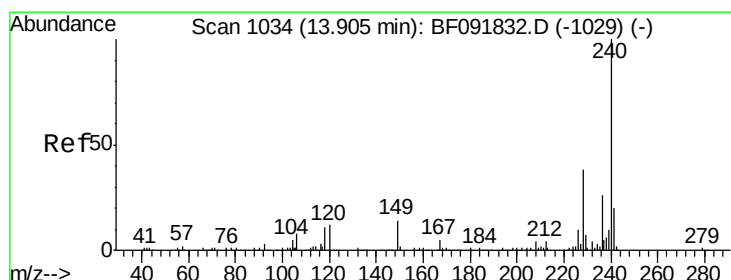
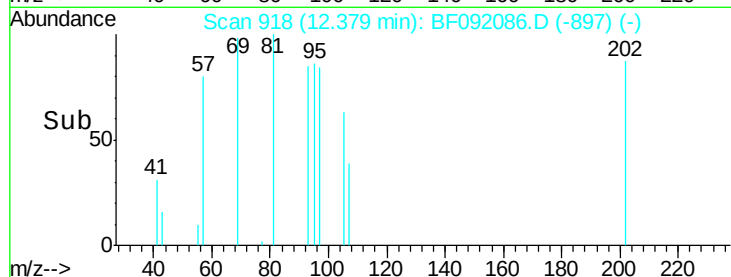
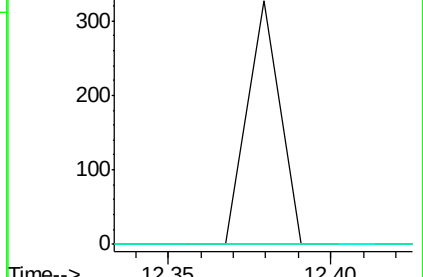
203 0.0 0.0 38.7



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: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092086.D

Acq: 4 Jan 2017 23:41

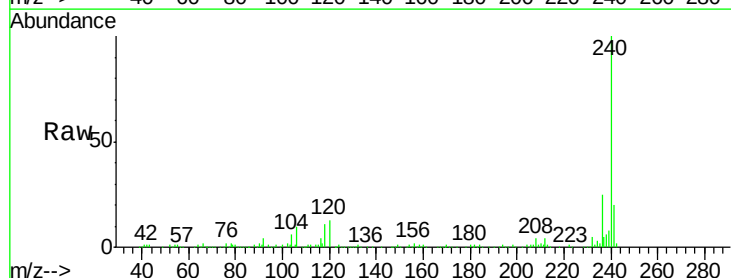
Tgt Ion: 240 Resp: 239798

Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

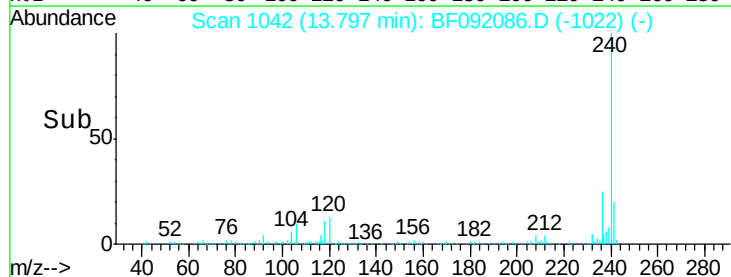
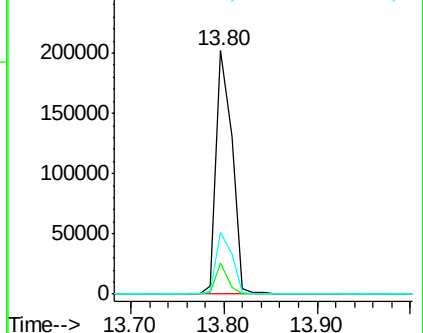
236 25.4 20.9 31.3

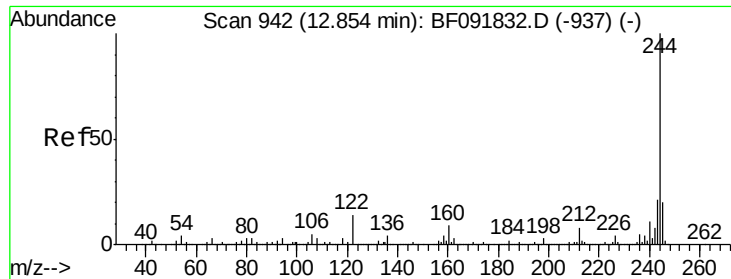


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

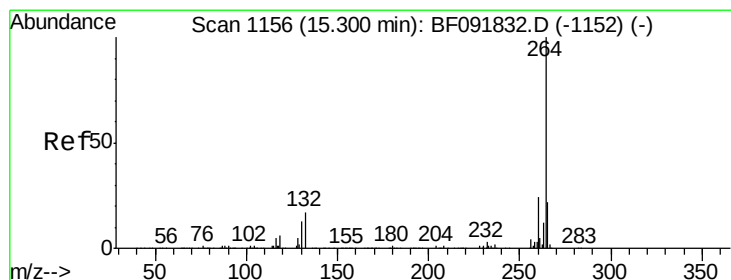
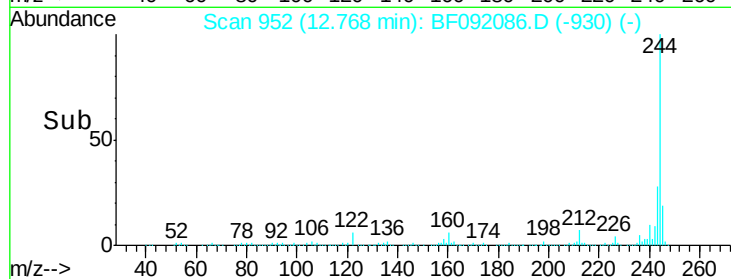
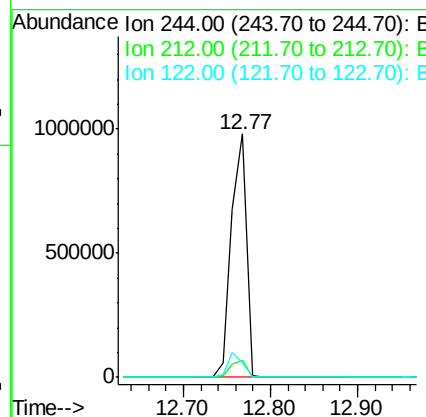
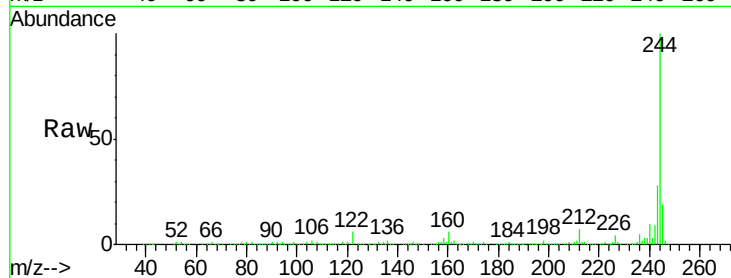




#78
 Terphenyl-d14
 Concen: 120.44 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF092086.D
 Acq: 4 Jan 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion:244 Resp: 1190881
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 6.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: BF092086.D
 Acq: 4 Jan 2017 23:41

Tgt Ion:264 Resp: 425151
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.4 26.0

