

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092827.D
 Acq On : 7 Feb 2017 14:21
 Operator : SJ/MA
 Sample : I1707-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 15:24:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	145603	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	569141	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	307555	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	411195	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	319123	20.00	ng	-0.07
86) Perylene-d12	15.53	264	297510	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	525542	61.92	ng	-0.06
7) Phenol-d6	6.54	99	651174	59.63	ng	-0.06
23) Nitrobenzene-d5	7.47	82	398342	38.98	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	109485	49.22	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	652310	38.42	ng	-0.07
78) Terphenyl-d14	13.01	244	434170	31.97	ng	-0.07

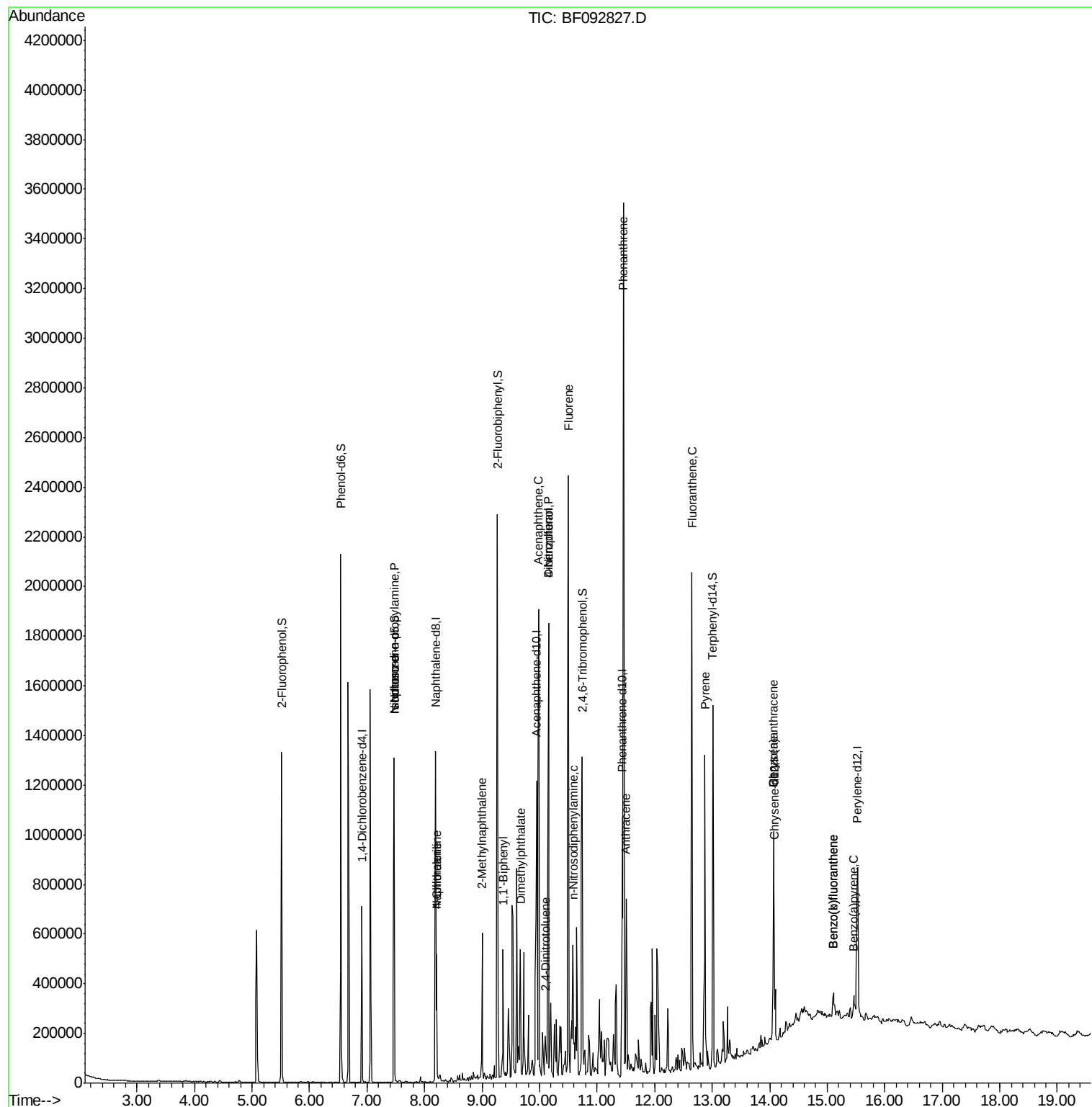
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.47	70	52729	7.59	ng	# 78
25) Isophorone	7.47	82	397584	20.88	ng	# 65
31) Naphthalene	8.21	128	197233	6.84	ng	# 98
33) 4-Chloroaniline	8.21	127	26450	2.34	ng	# 36
37) 2-Methylnaphthalene	9.00	142	141013	7.61	ng	# 97
45) 1,1'-Biphenyl	9.37	154	154305	6.93	ng	# 98
49) Dimethylphthalate	9.66	163	194759	9.40	ng	# 98
51) Acenaphthene	9.98	154	477390	26.53	ng	# 94
54) Dibenzofuran	10.16	168	843252	35.04	ng	# 92
55) 4-Nitrophenol	10.16	139	306406	83.09	ng	# 5
56) 2,4-Dinitrotoluene	10.10	165	12229	2.05	ng	# 57
57) Fluorene	10.50	166	740404	39.99	ng	# 99
65) n-Nitrosodiphenylamine	10.58	169	39484	3.01	ng	# 1
70) Phenanthrene	11.46	178	1325950	56.28	ng	# 99
71) Anthracene	11.50	178	301083	12.73	ng	# 99
74) Fluoranthene	12.65	202	753388	31.00	ng	# 96
77) Pyrene	12.88	202	523468	21.92	ng	# 99
80) Benzo(a)anthracene	14.07	228	121723	6.24	ng	# 99
82) Chrysene	14.07	228	121723	6.66	ng	# 96
87) Benzo(b)fluoranthene	15.11	252	80136	4.09	ng	# 95
88) Benzo(k)fluoranthene	15.11	252	80123	4.74	ng	# 94
89) Benzo(a)pyrene	15.46	252	40532	2.39	ng	# 92

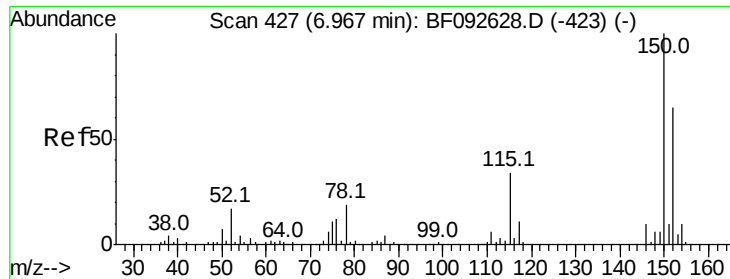
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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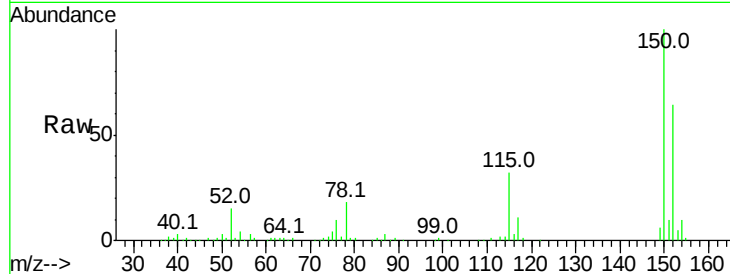


#1

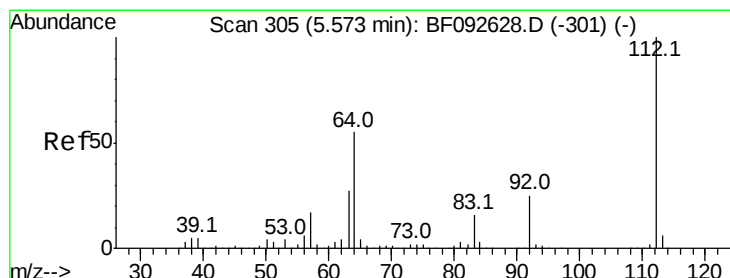
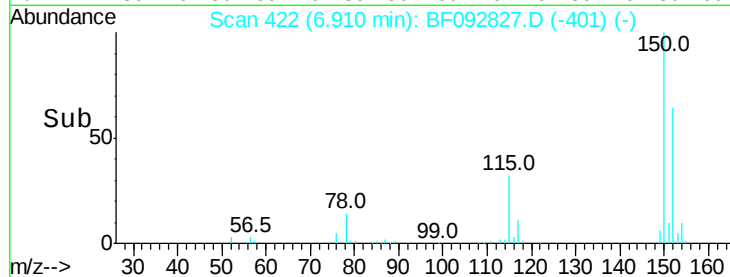
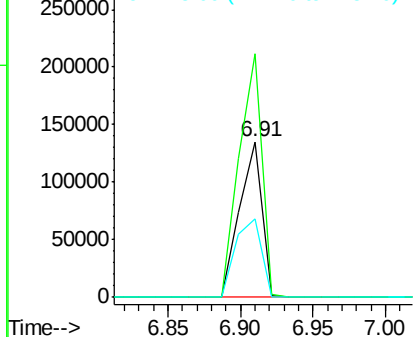
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.06 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145603
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 50.9 46.0 69.0



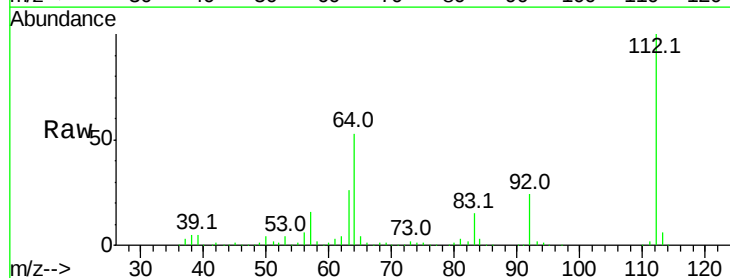
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



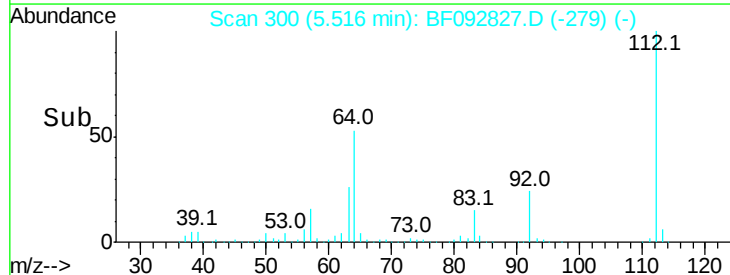
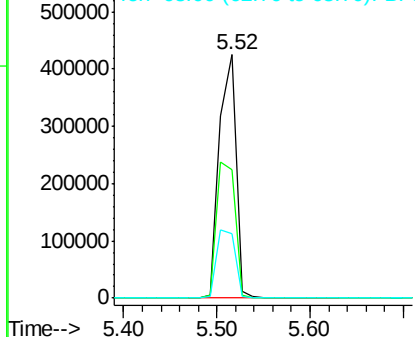
#5

2-Fluorophenol
 Concen: 61.92 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.06 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

Tgt Ion:112 Resp: 525542
 Ion Ratio Lower Upper
 112 100
 64 52.6 46.1 69.1
 63 26.4 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: 59.63 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampleId :

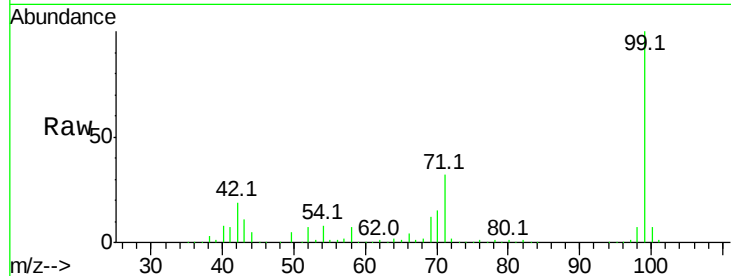
Tot Ion: 99 Resp: 651174

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

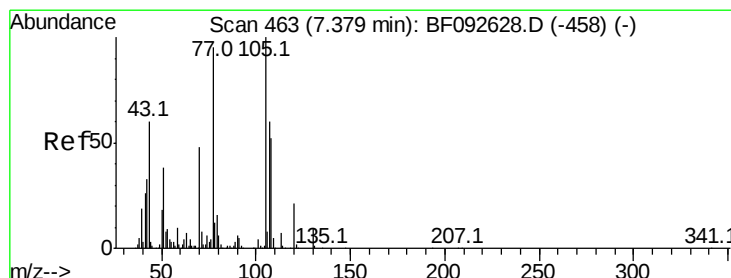
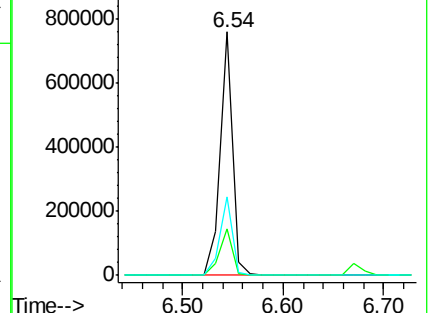
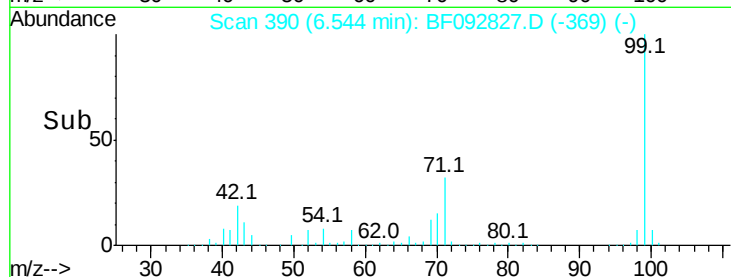
71 32.2 27.5 41.3



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: 7.59 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Tgt Ion: 70 Resp: 52729

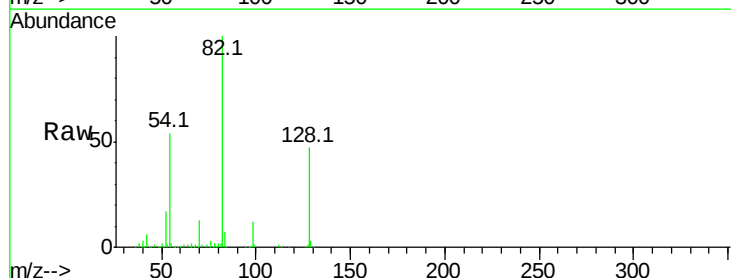
Ion Ratio Lower Upper

70 100

42 48.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

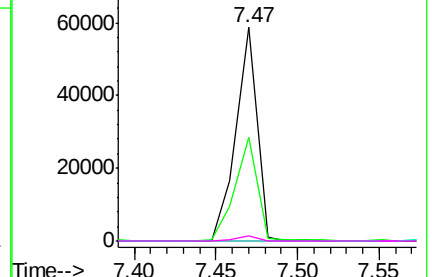
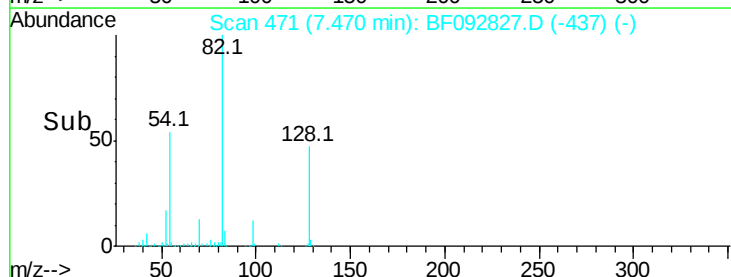


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

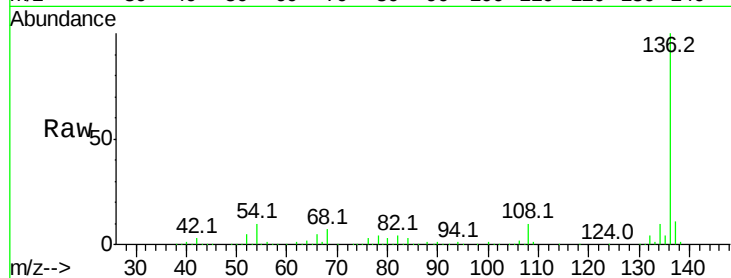




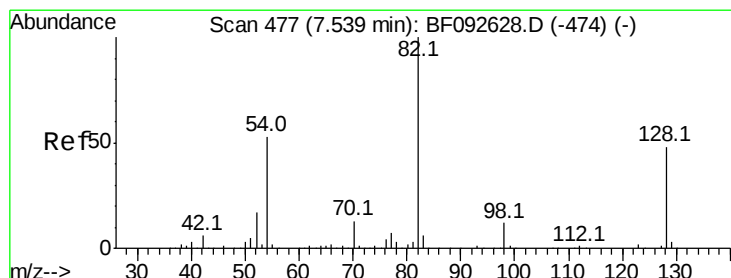
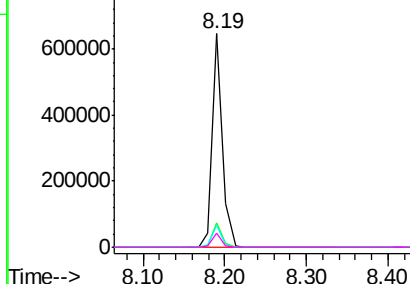
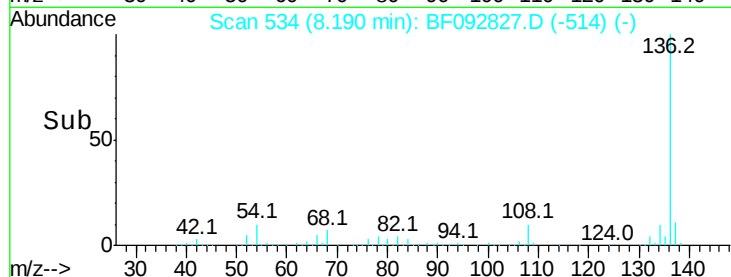
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	569141
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.4 12.6
54	10.4	4.5 6.7#
68	6.8	3.6 5.4#

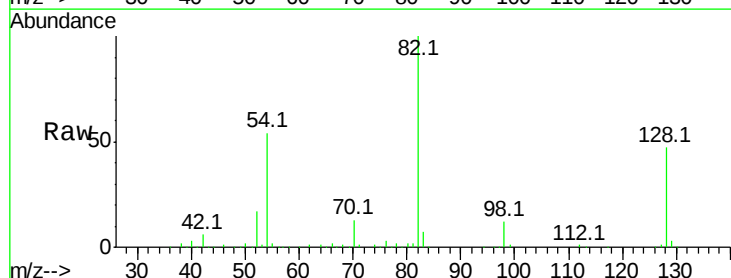


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

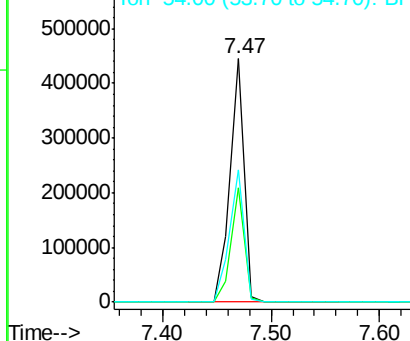
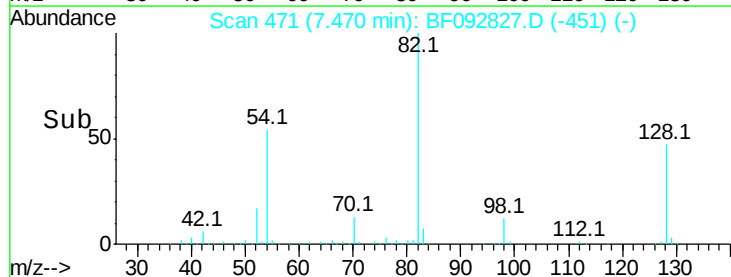


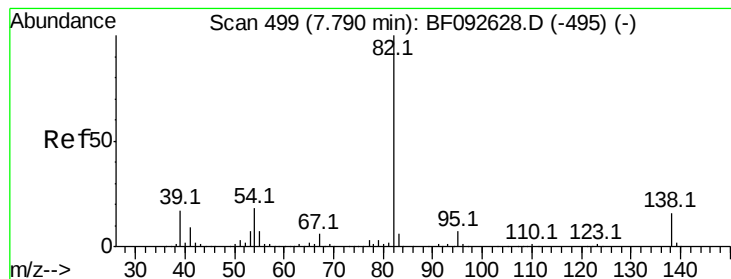
#23
Nitrobenzene-d5
Concen: 38.98 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion: 82	Resp:	398342
Ion	Ratio	Lower Upper
82	100	
128	46.8	34.6 52.0
54	54.2	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: 20.88 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampleID :

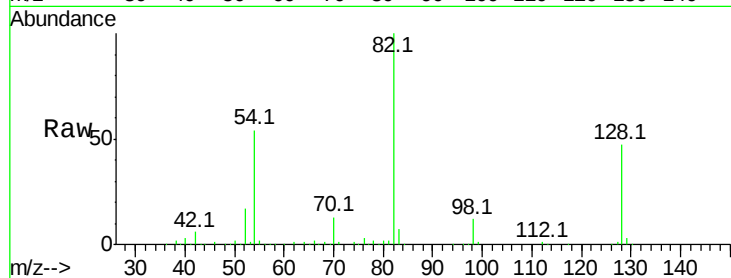
Tot Ion: 82 Resp: 397584

Ion Ratio Lower Upper

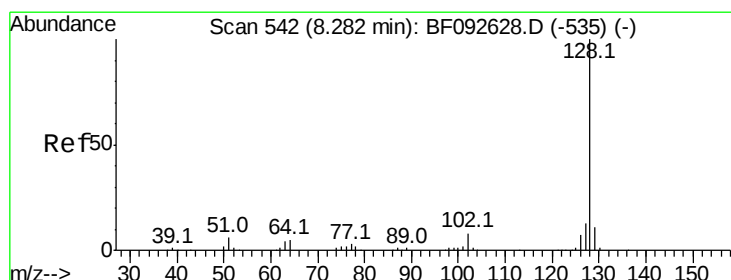
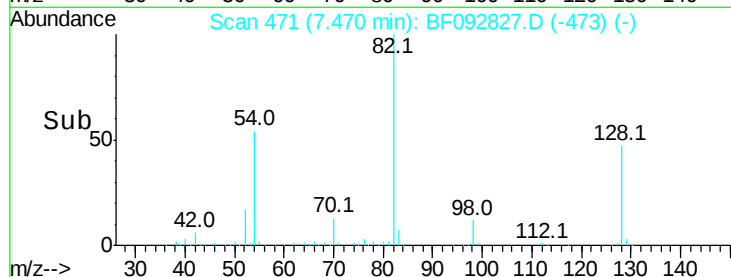
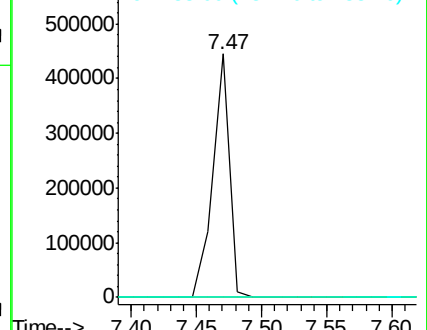
82 100

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



#31

Naphthalene

Concen: 6.84 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

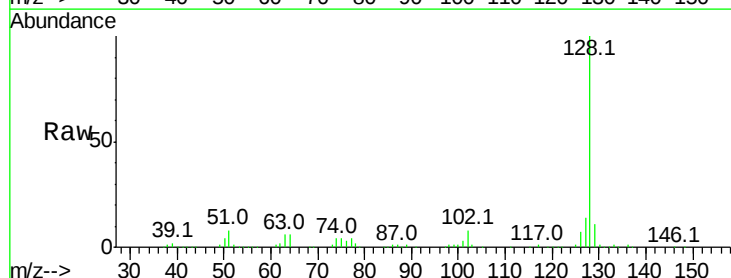
Tgt Ion: 128 Resp: 197233

Ion Ratio Lower Upper

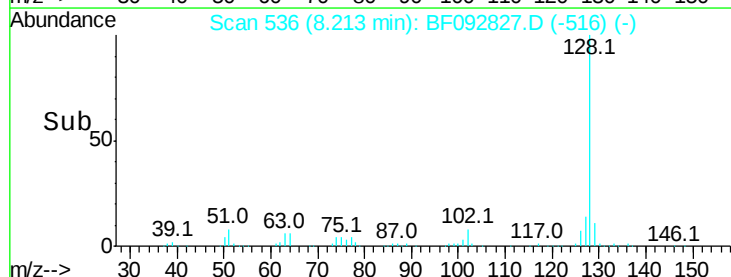
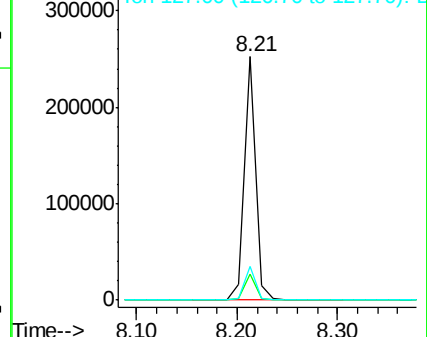
128 100

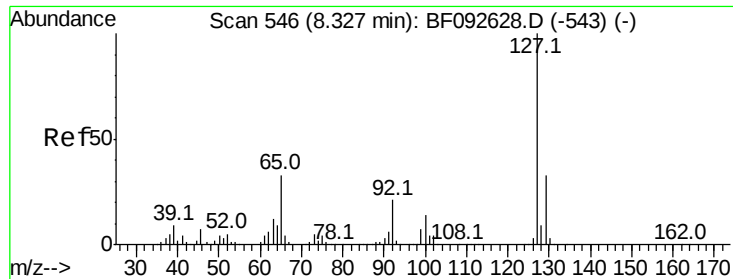
129 10.8 9.5 14.3

127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

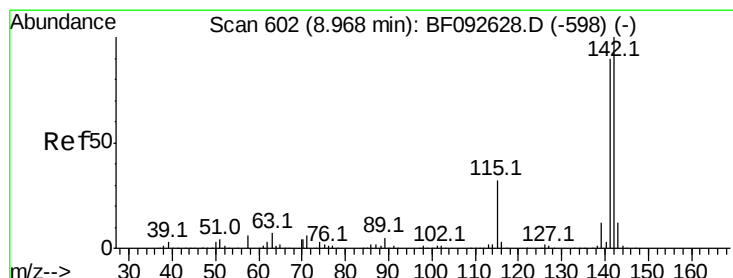
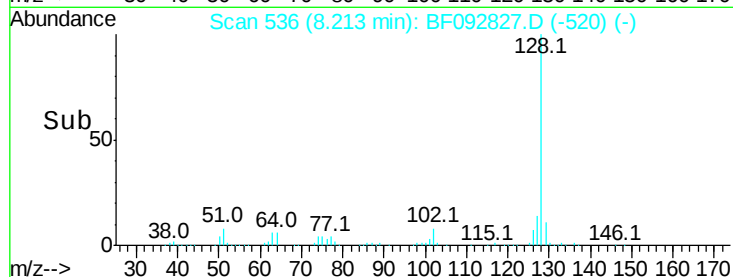
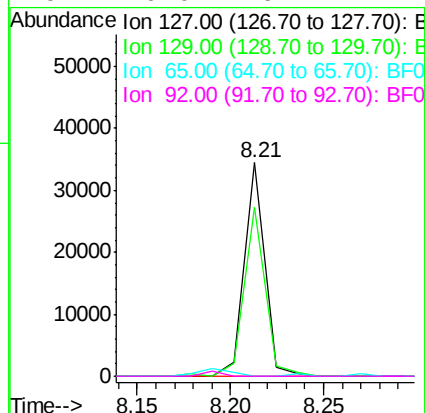
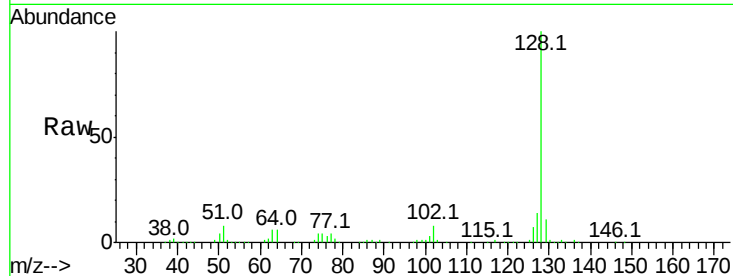




#33
4-Chloroaniline
Concen: 2.34 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.11 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

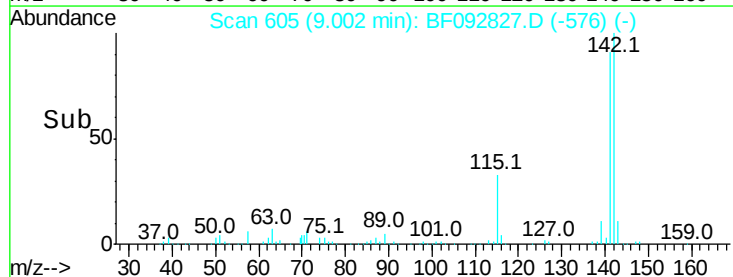
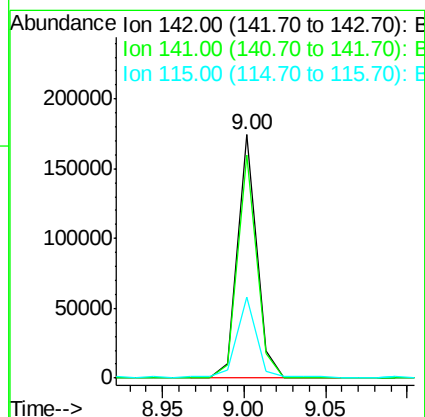
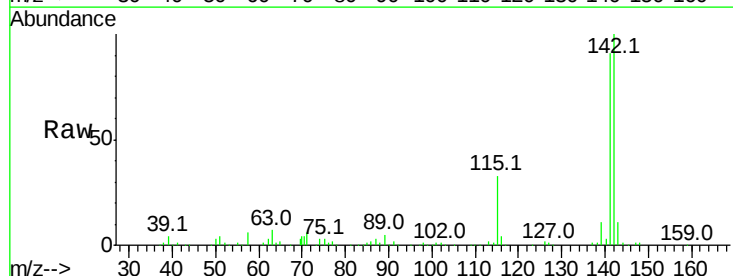
Instrument :
BNA_F
ClientSampleId :

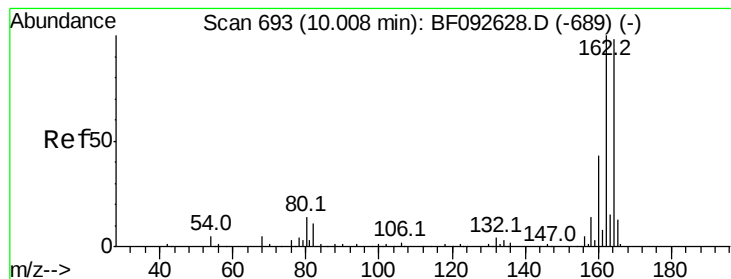
Tot Ion:	127	Resp:	26450
Ion	Ratio	Lower	Upper
127	100		
129	79.3	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#37
2-Methylnaphthalene
Concen: 7.61 ng
RT: 9.00 min Scan# 605
Delta R.T. 0.03 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion:	142	Resp:	141013
Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.0	106.6
115	33.4	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampleId :

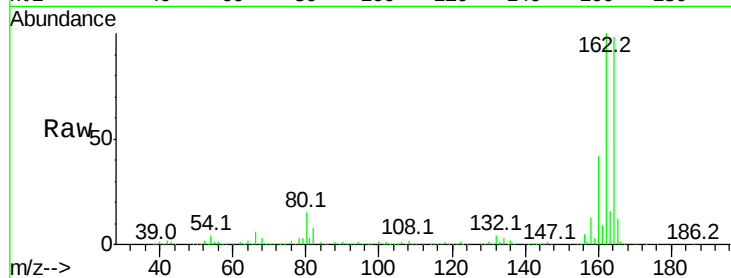
Tot Ion:164 Resp: 307555

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

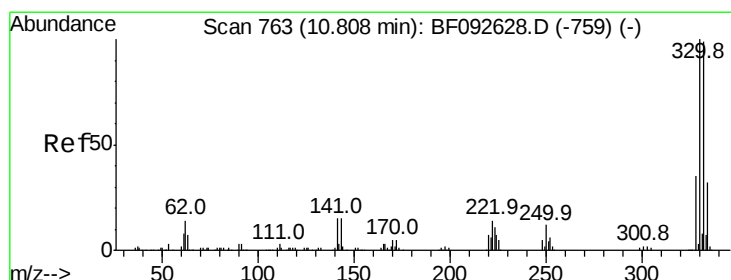
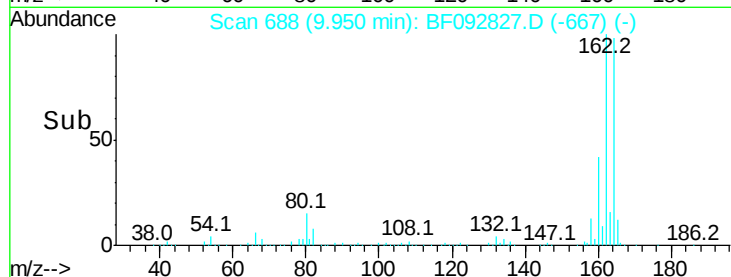
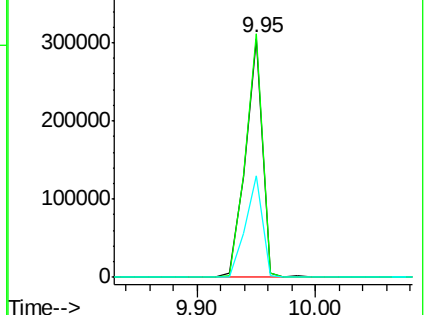
160 42.6 36.9 55.3



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: 49.22 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

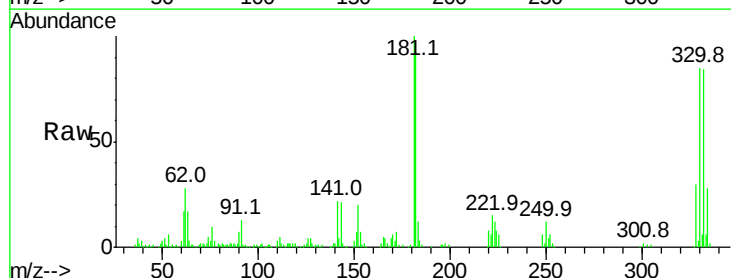
Tgt Ion:330 Resp: 109485

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

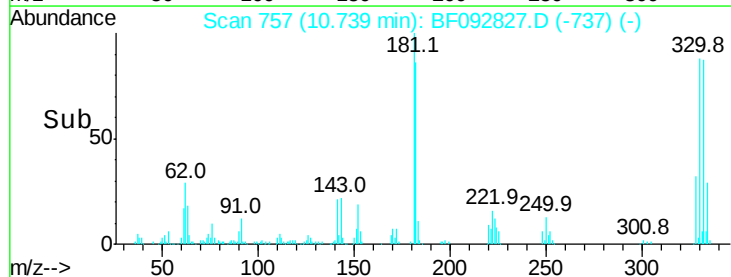
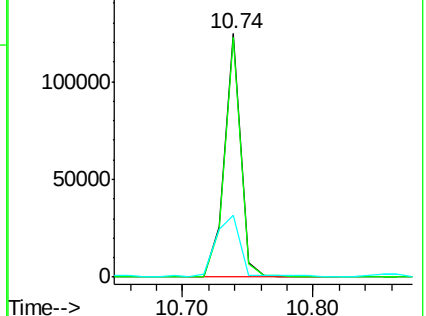
141 36.7 34.1 51.1

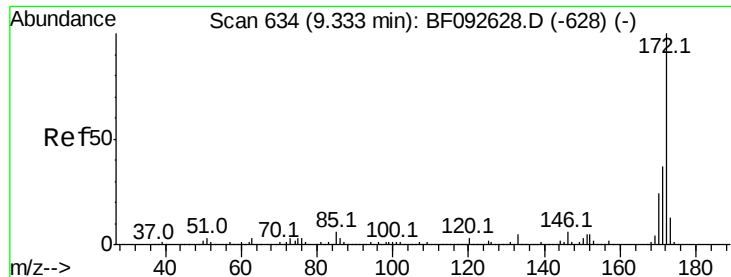


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

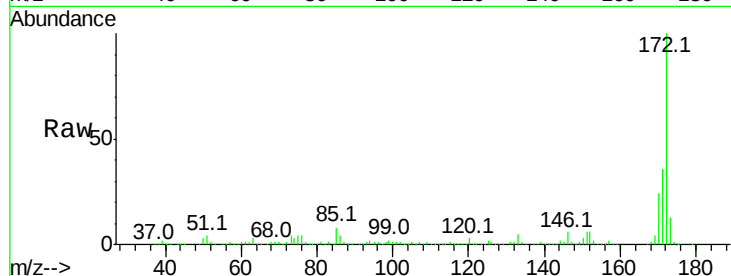




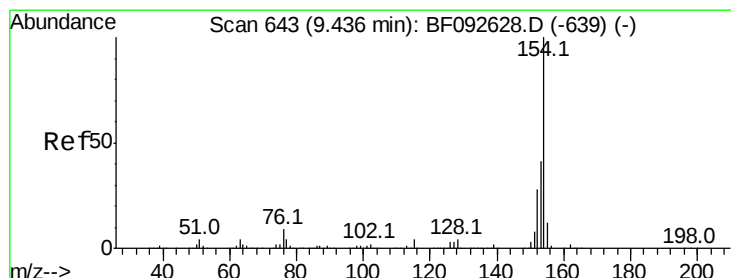
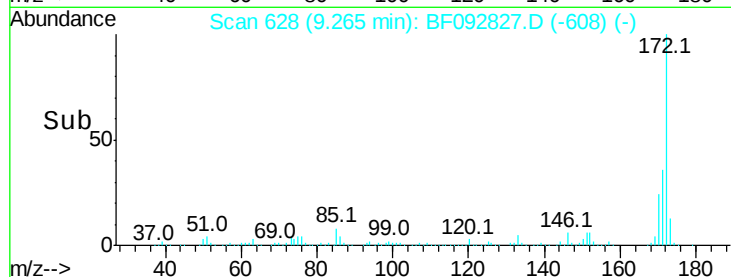
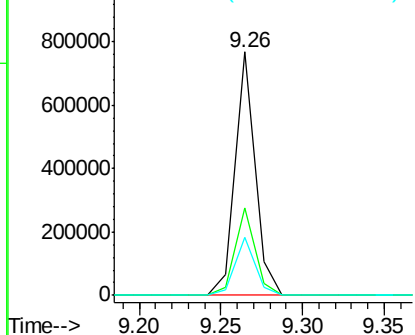
#44
 2-Fluorobiphenyl
 Concen: 38.42 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 652310
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.7 20.2 30.4

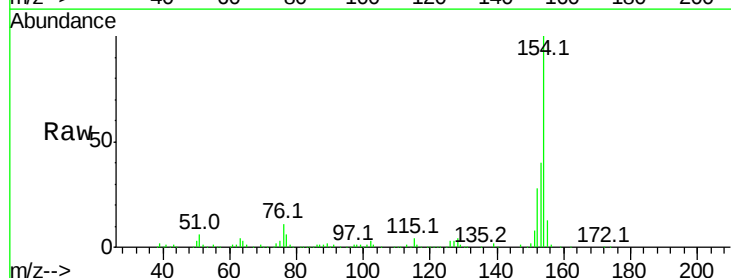


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

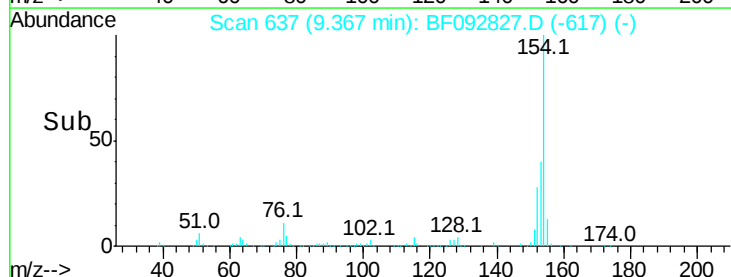
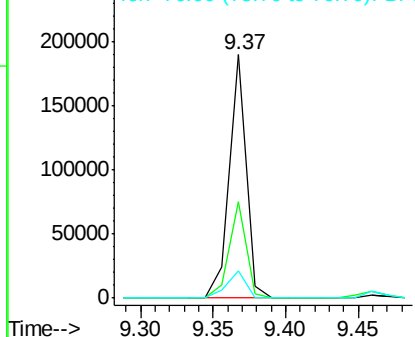


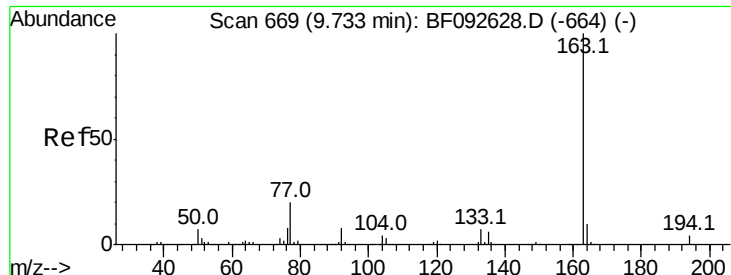
#45
 1,1'-Biphenyl
 Concen: 6.93 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

Tgt Ion:154 Resp: 154305
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.9 60.9
 76 11.3 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

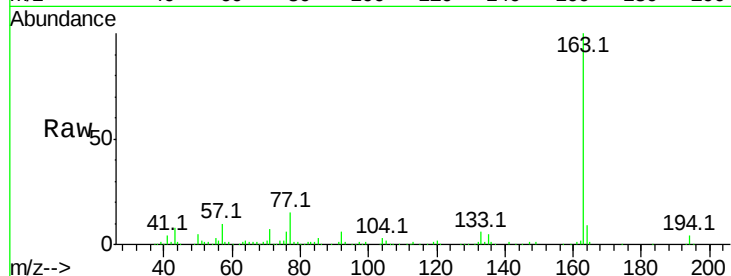




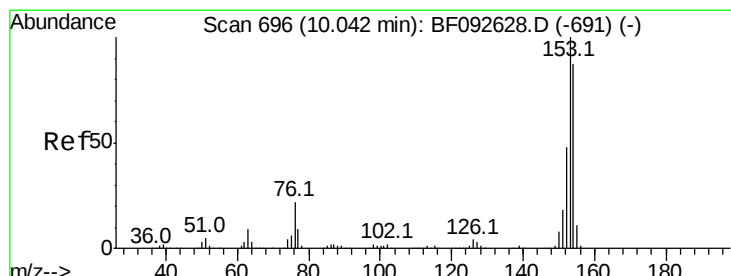
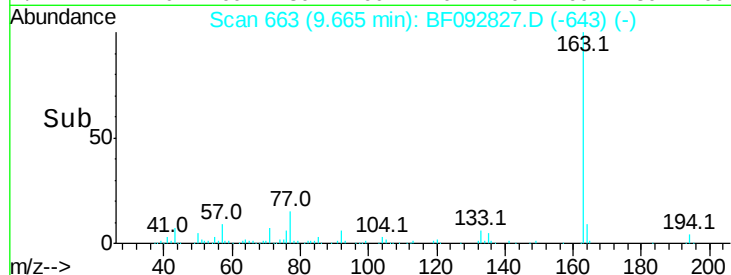
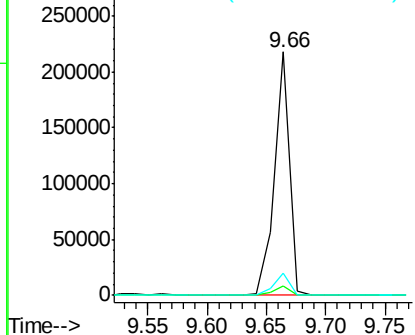
#49
Dimethylphthalate
Concen: 9.40 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 194759
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.2 8.0 12.0

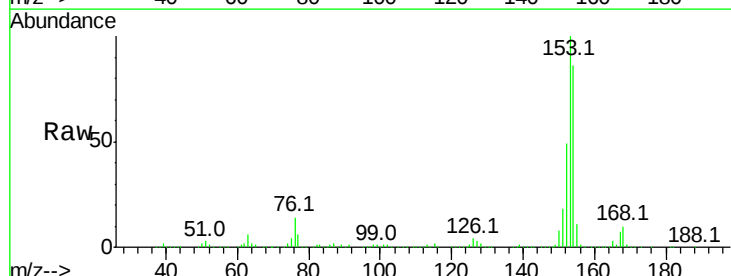


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

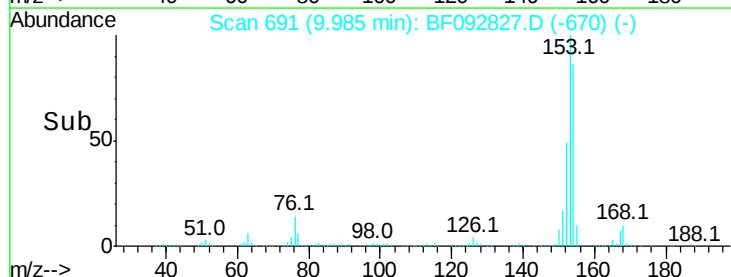
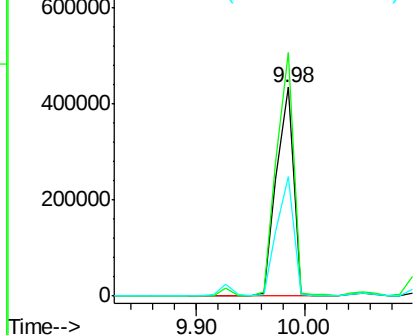


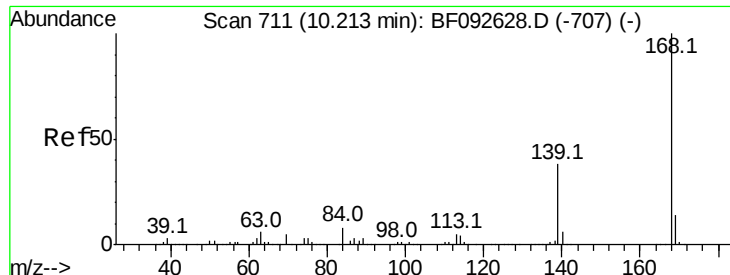
#51
Acenaphthene
Concen: 26.53 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.06 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion:154 Resp: 477390
Ion Ratio Lower Upper
154 100
153 116.5 88.6 133.0
152 57.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

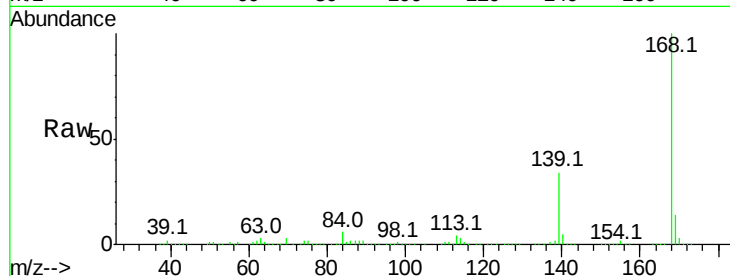




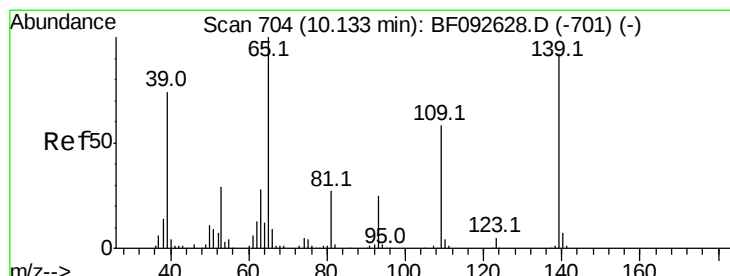
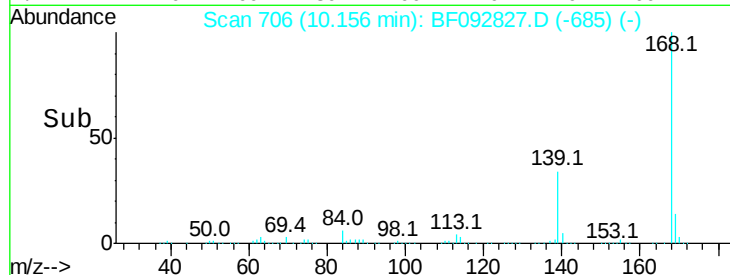
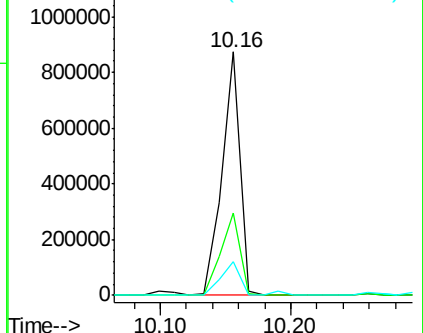
#54
Dibenzenofuran
Concen: 35.04 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.06 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 843252
Ion Ratio Lower Upper
168 100
139 34.0 32.6 49.0
169 13.7 11.3 16.9

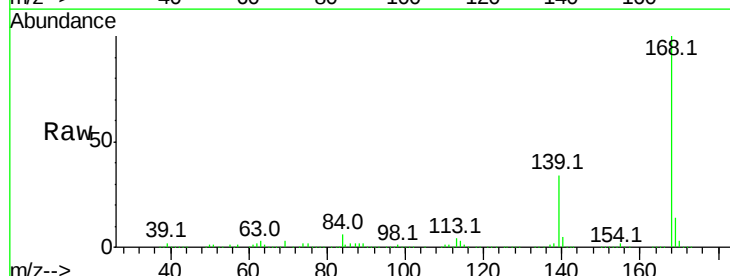


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

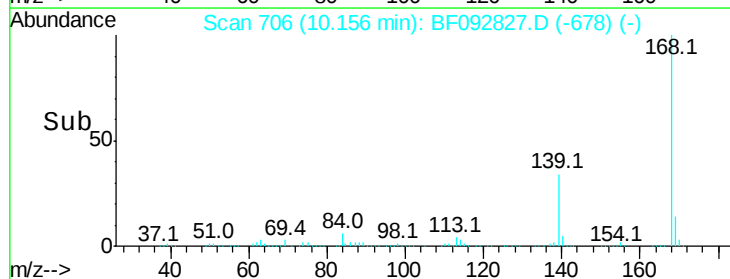
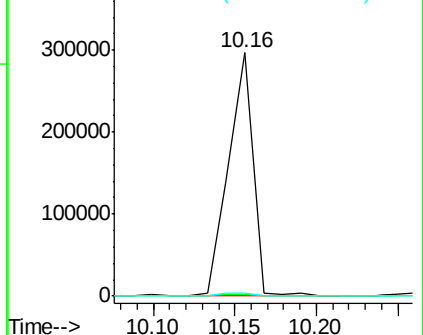


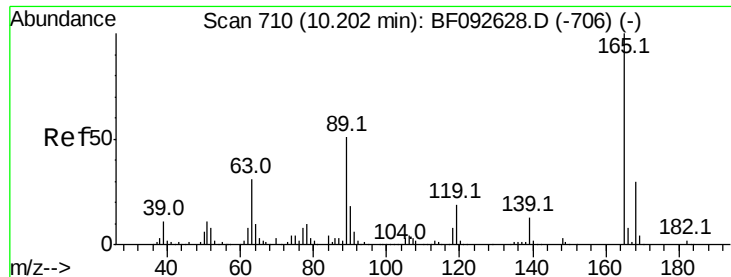
#55
4-Nitrophenol
Concen: 83.09 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion:139 Resp: 306406
Ion Ratio Lower Upper
139 100
109 0.8 52.2 92.2#
65 1.1 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

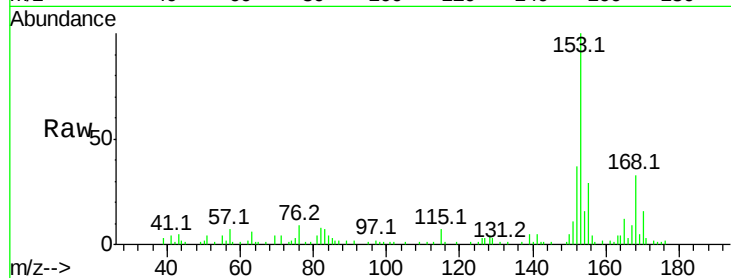




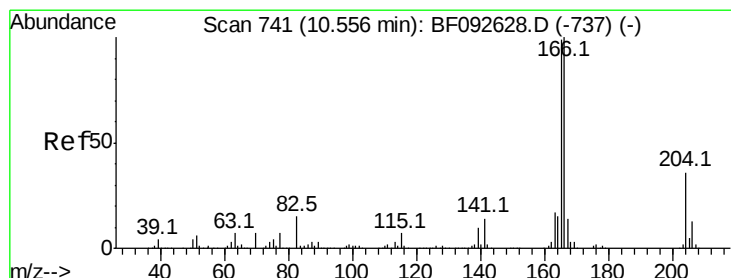
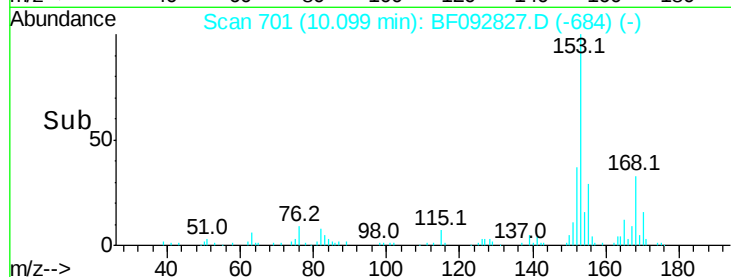
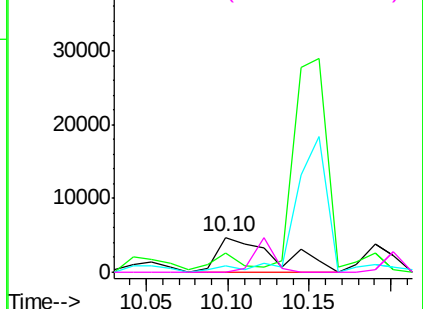
#56
2,4-Dinitrotoluene
Concen: 2.05 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.10 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 12229
Ion Ratio Lower Upper
165 100
63 54.4 40.2 60.4
89 19.3 62.5 93.7#
182 0.0 1.8 2.8#

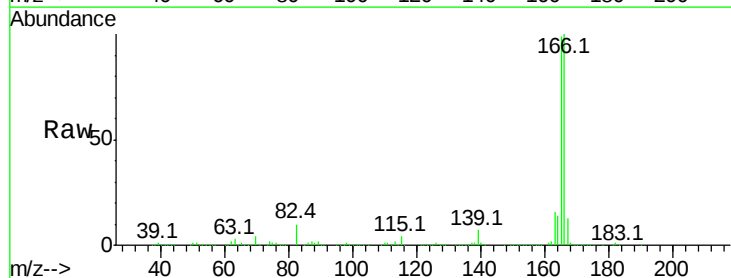


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

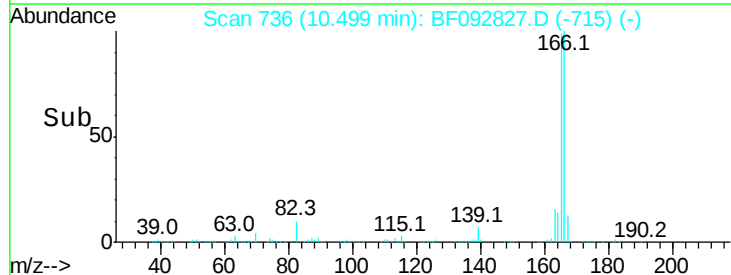
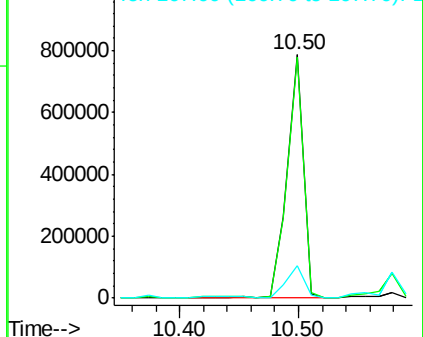


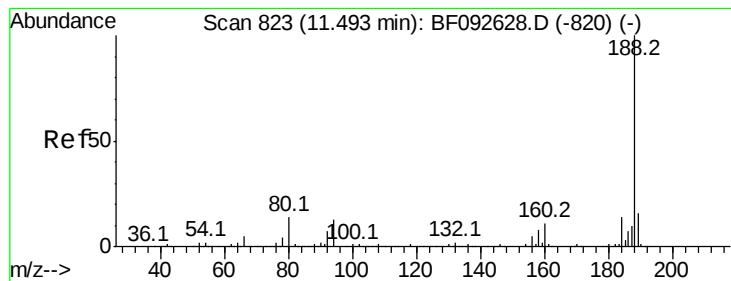
#57
Fluorene
Concen: 39.99 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion:166 Resp: 740404
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.06 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampled :

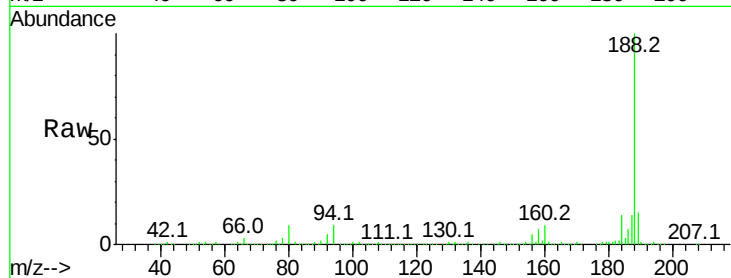
Tot Ion:188 Resp: 411195

Ion Ratio Lower Upper

188 100

94 9.1 10.0 15.0#

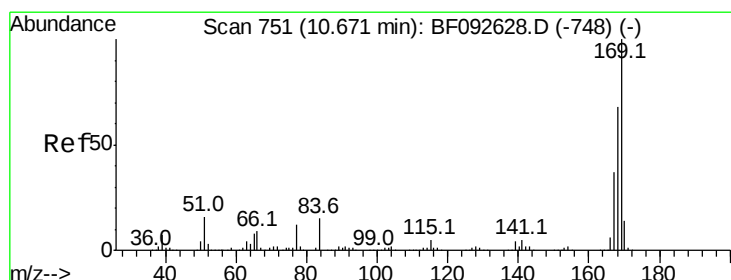
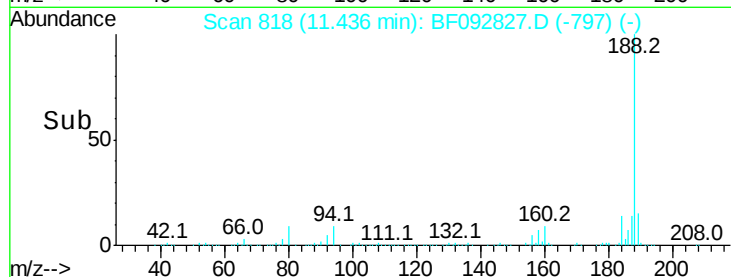
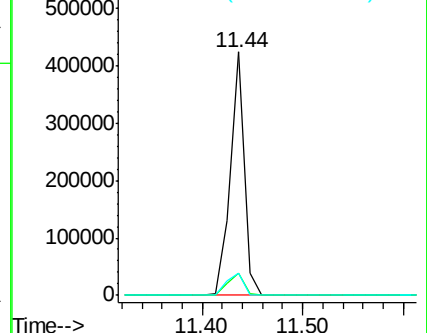
80 9.2 11.2 16.8#



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



#65

n-Nitrosodiphenylamine

Concen: 3.01 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.09 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

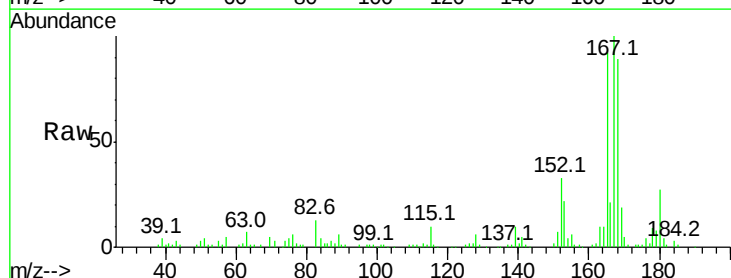
Tgt Ion:169 Resp: 39484

Ion Ratio Lower Upper

169 100

168 474.3 54.2 81.2#

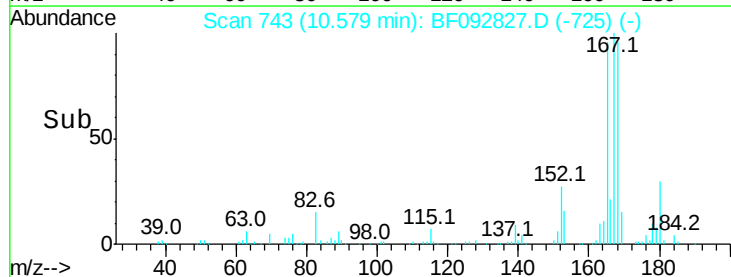
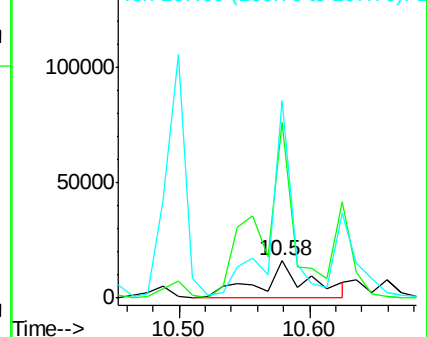
167 531.3 30.2 45.4#

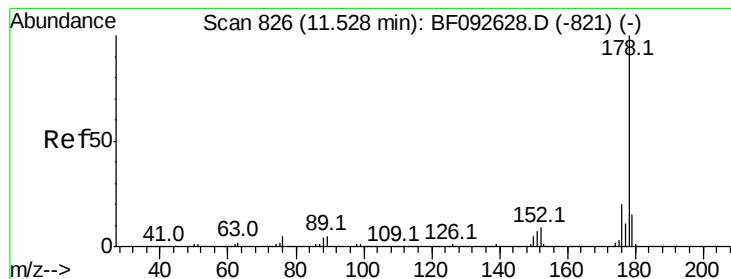


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 56.28 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampleId :

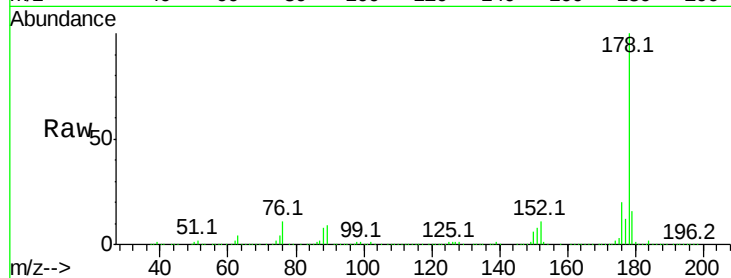
Tot Ion:178 Resp: 1325950

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

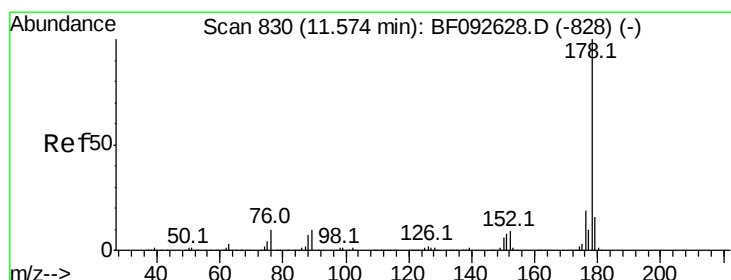
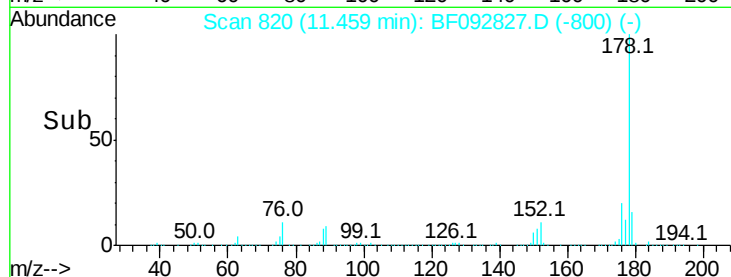
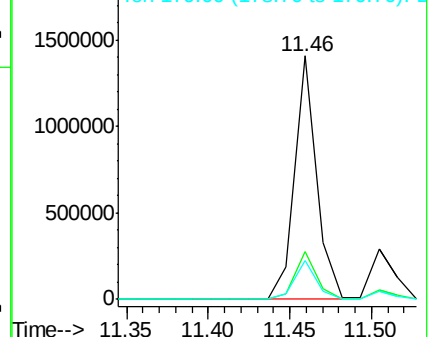
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 12.73 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

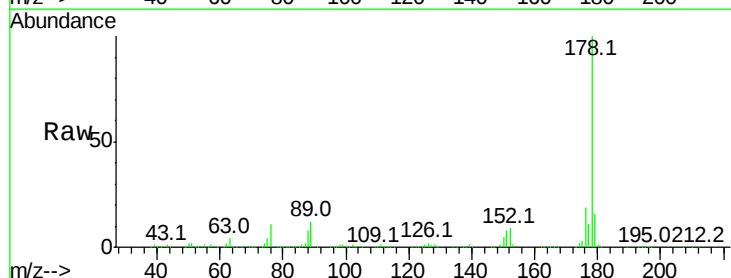
Tgt Ion:178 Resp: 301083

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

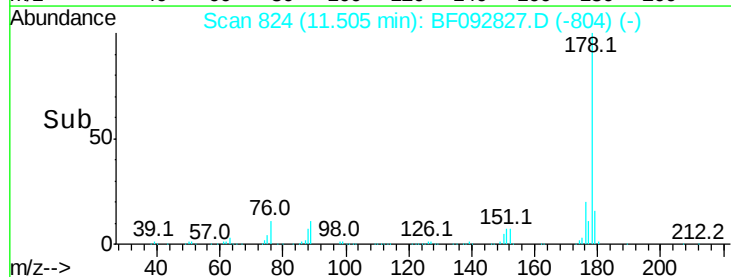
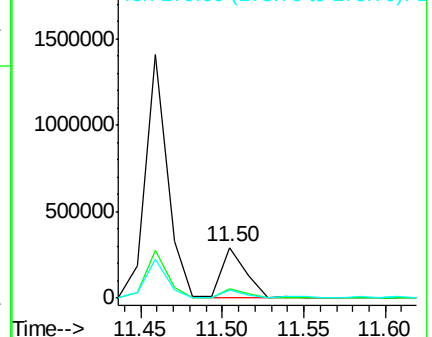
179 15.8 13.2 19.8

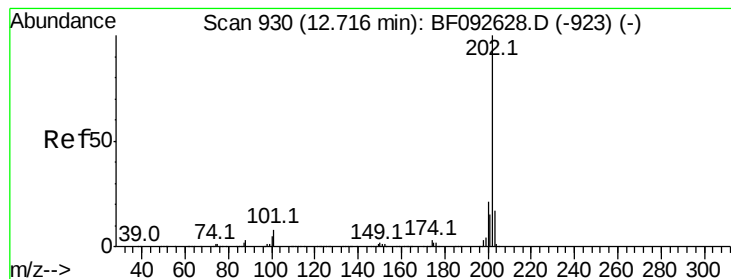


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 31.00 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :

BNA_F

ClientSampleId :

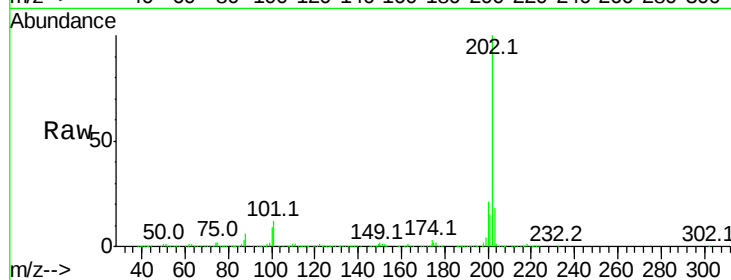
Tot Ion:202 Resp: 753388

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.6

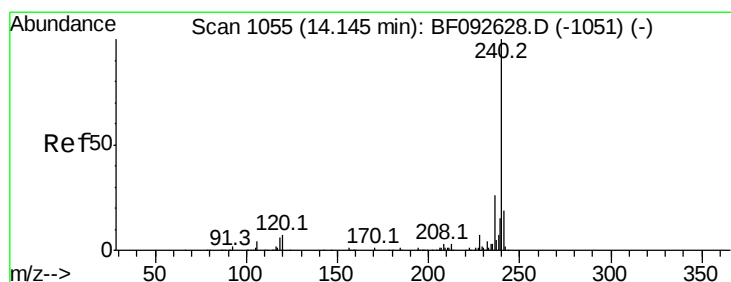
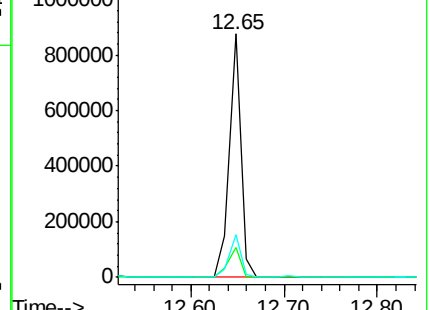
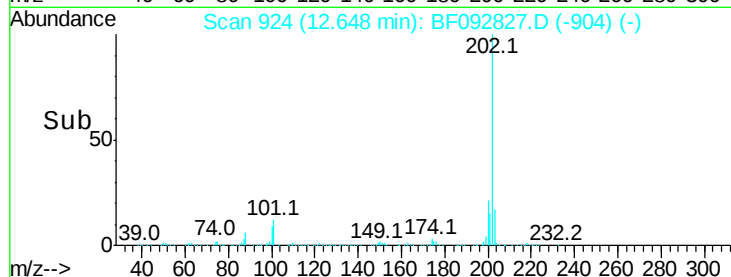
203 17.5 0.0 38.7



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

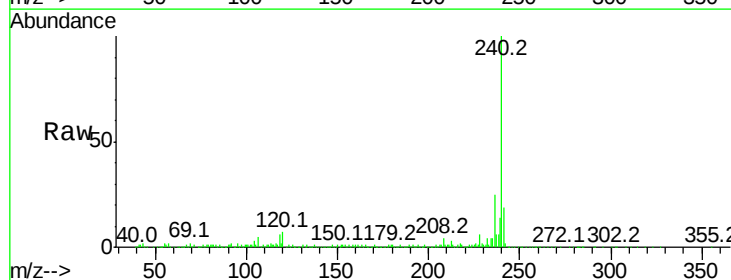
Tgt Ion:240 Resp: 319123

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

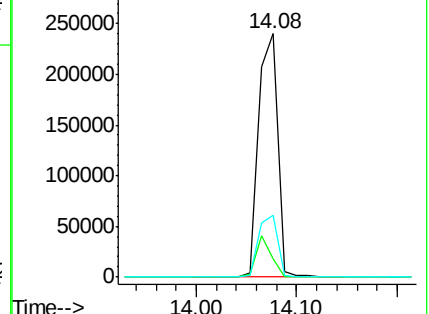
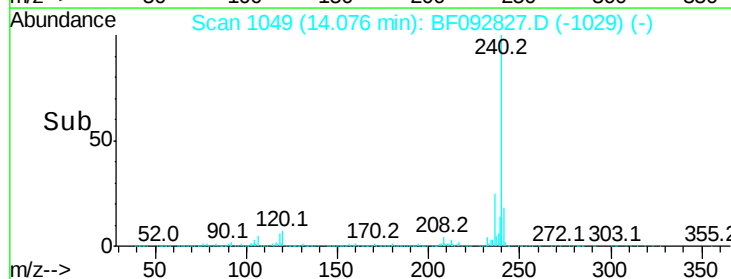
236 25.4 20.9 31.3

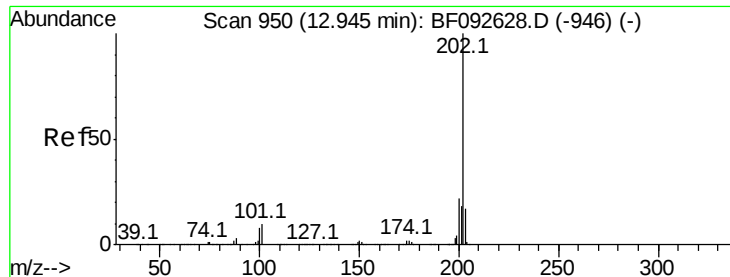


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 21.92 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampled :

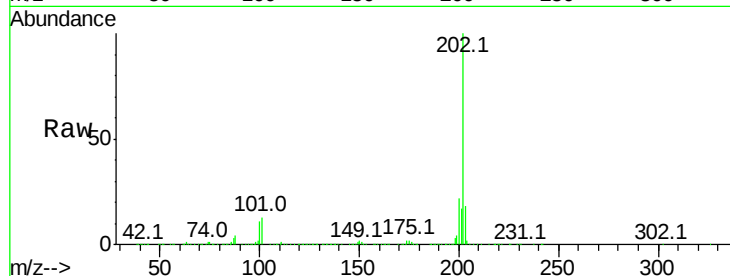
Tot Ion:202 Resp: 523468

Ion Ratio Lower Upper

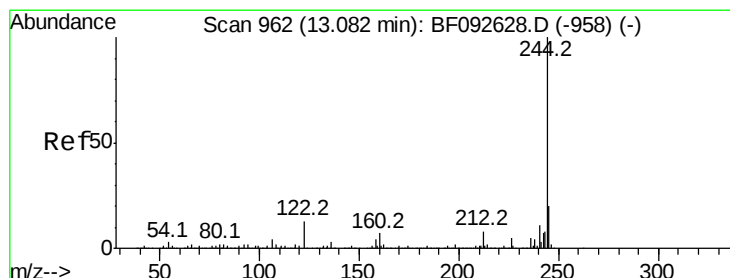
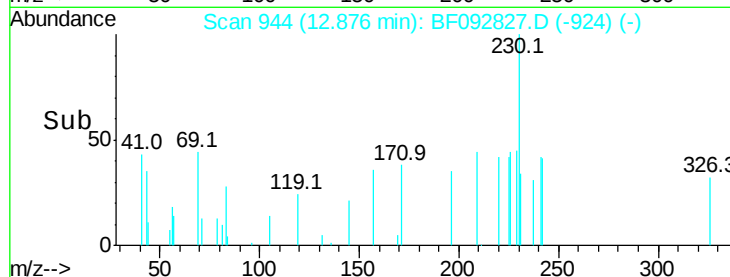
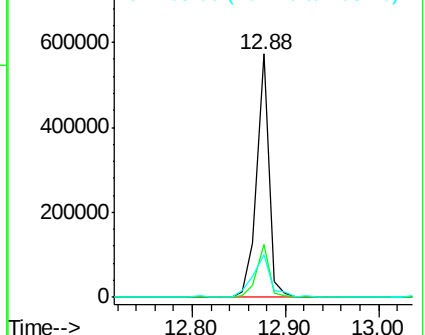
202 100

200 21.9 17.7 26.5

203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 31.97 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092827.D

Acq: 7 Feb 2017 14:21

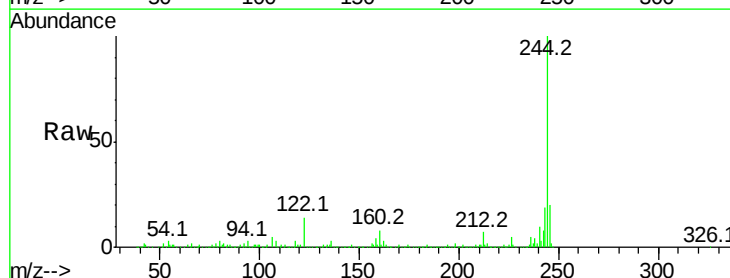
Tgt Ion:244 Resp: 434170

Ion Ratio Lower Upper

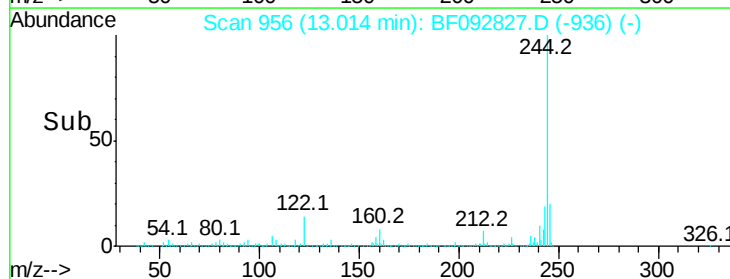
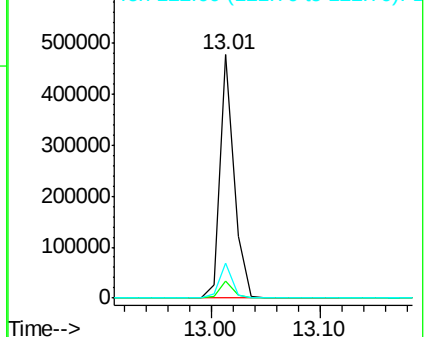
244 100

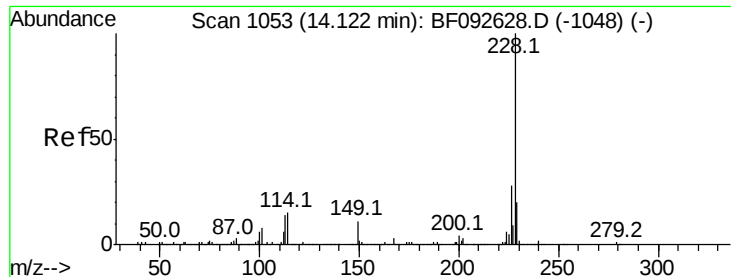
212 7.2 6.2 9.2

122 14.1 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

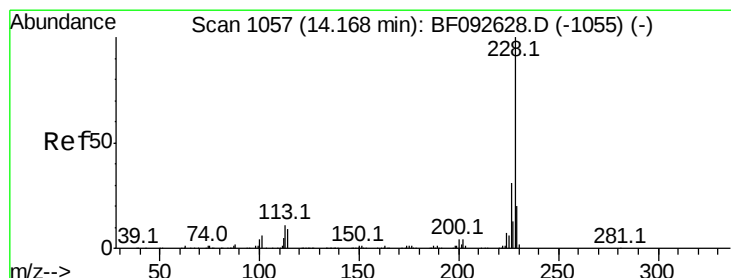
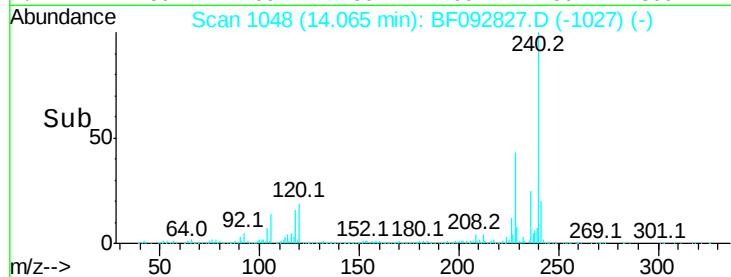
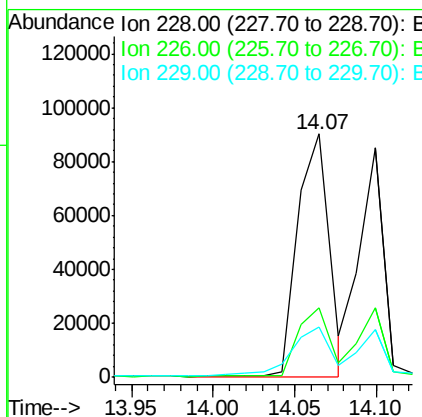
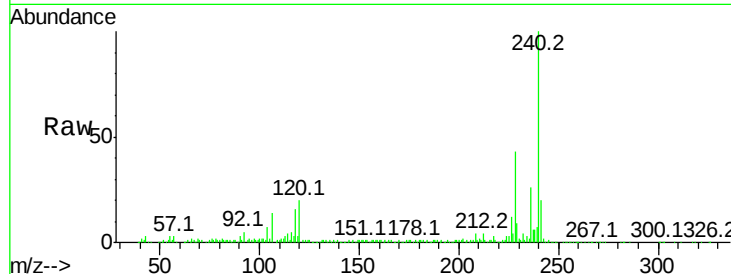




#80
Benzo(a)anthracene
Concen: 6.24 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

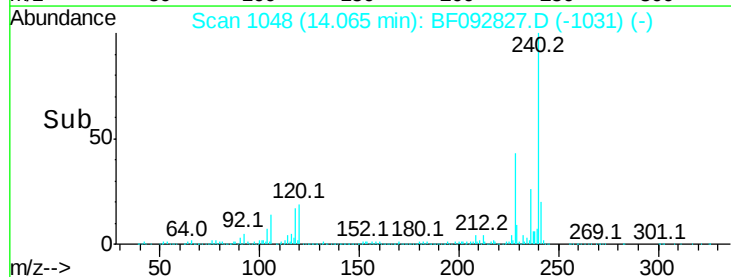
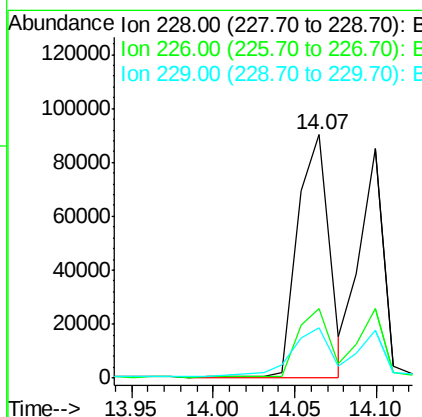
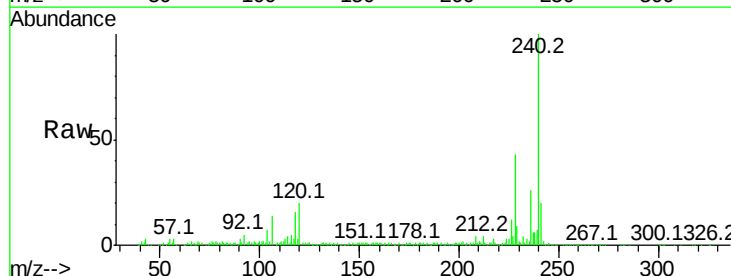
Instrument :
BNA_F
ClientSampleId :

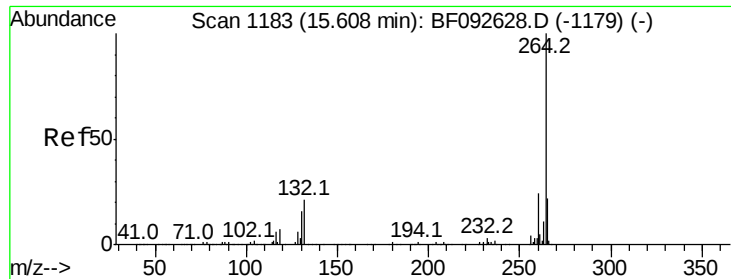
Tot Ion:228 Resp: 121723
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.6 16.2 24.4



#82
Chrysene
Concen: 6.66 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.10 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion:228 Resp: 121723
Ion Ratio Lower Upper
228 100
226 28.5 25.4 38.0
229 20.6 16.2 24.2

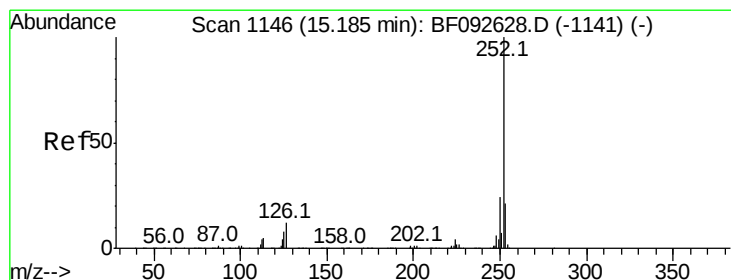
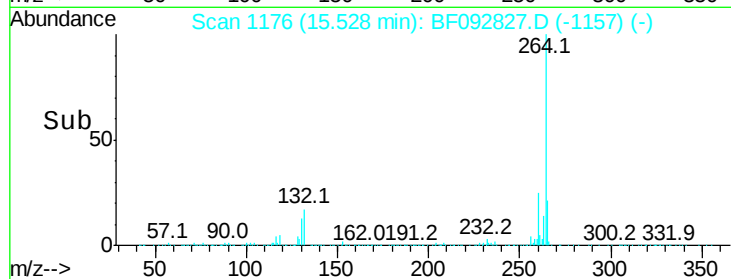
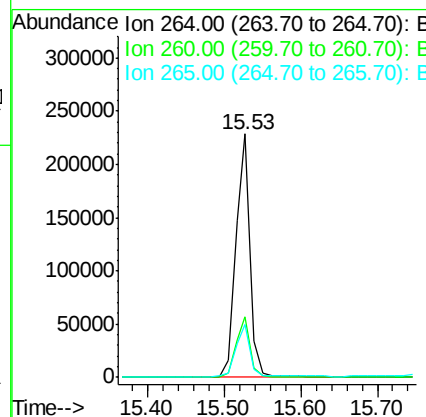
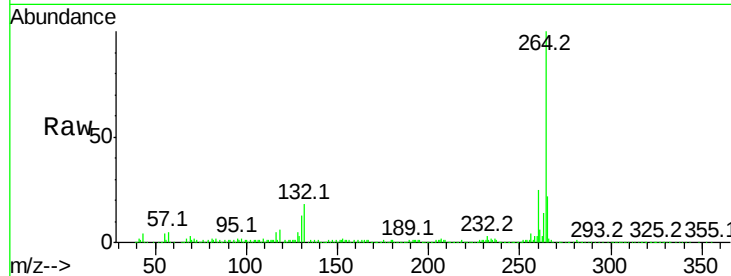




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

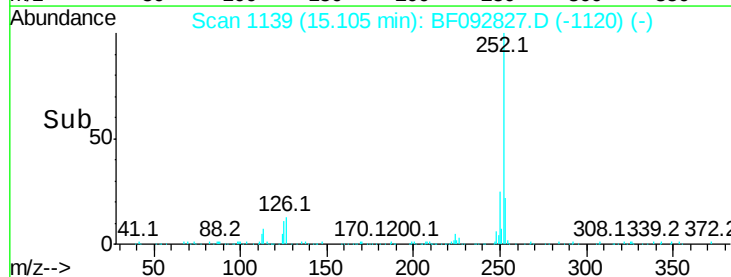
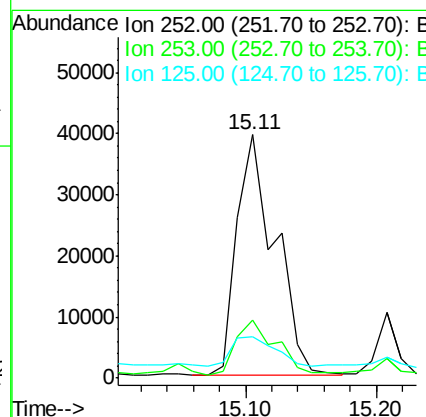
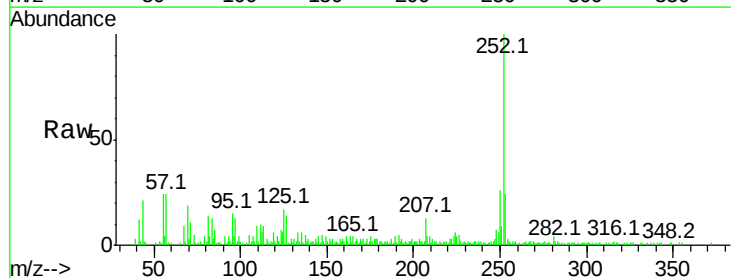
Instrument :
 BNA_F
 ClientSampleId :

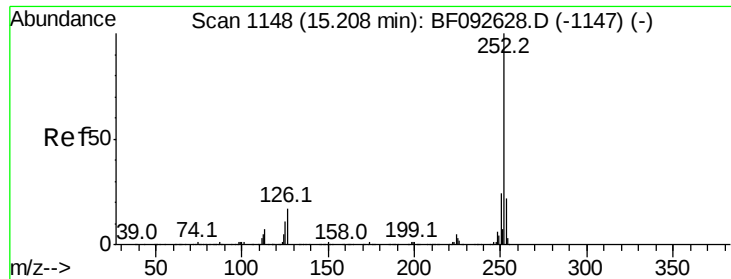
Tot Ion:264 Resp: 297510
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.7 17.4 26.0



#87
 Benzo(b)fluoranthene
 Concen: 4.09 ng
 RT: 15.11 min Scan# 1139
 Delta R.T. -0.08 min
 Lab File: BF092827.D
 Acq: 7 Feb 2017 14:21

Tgt Ion:252 Resp: 80136
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.2 27.4
 125 16.9 9.8 14.6#

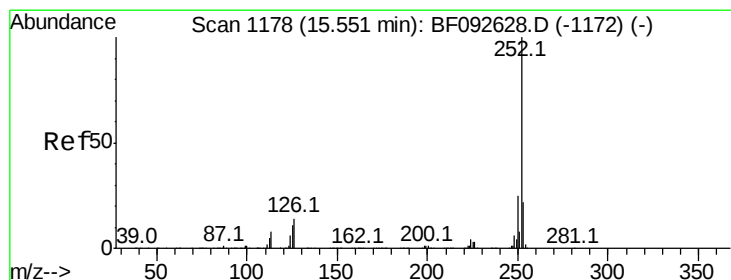
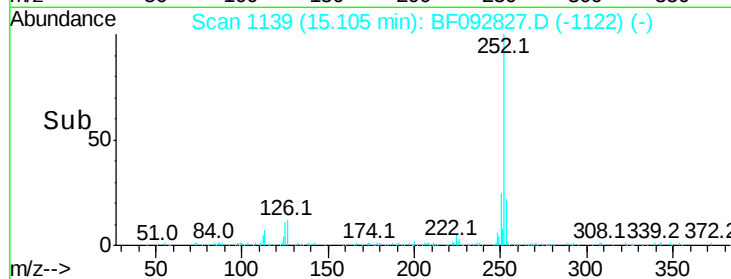
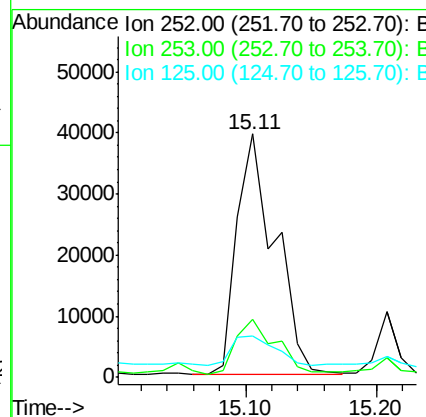
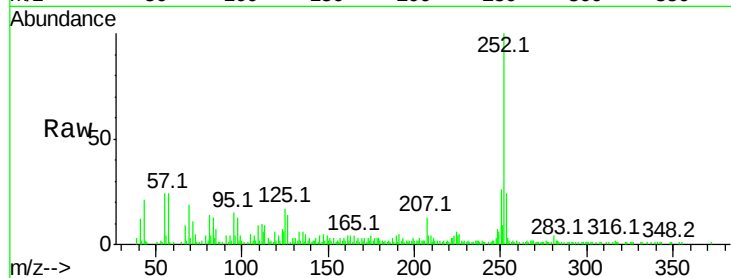




#88
Benzo(k)fluoranthene
Concen: 4.74 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.10 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	16.9	8.9	13.3



#89
Benzo(a)pyrene
Concen: 2.39 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.09 min
Lab File: BF092827.D
Acq: 7 Feb 2017 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	18.4	10.0	15.0

