

Data File : BF093227.D
Acq On : 28 Feb 2017 1:42
Operator : SJ/MA
Sample : I1997-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

Quant Time: Feb 28 02:44:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 00:51:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156910	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	611251	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	252351	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	372205	20.00	ng	0.00
75) Chrysene-d12	14.01	240	265456	20.00	ng	0.02
86) Perylene-d12	15.45	264	273446	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1089239	119.10	ng	0.01
7) Phenol-d6	6.48	99	1325062	112.60	ng	0.00
23) Nitrobenzene-d5	7.39	82	785690	71.58	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	202051	110.70	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1236189	88.75	ng	0.00
78) Terphenyl-d14	12.93	244	729523	64.57	ng	0.00

Target Compounds						Qvalue
3) Pyridine	3.07	79	67166	5.34	ng	# 36
9) Benzaldehyde	6.37	77	26997	3.20	ng	# 1
10) Phenol	6.49	94	30972	2.25	ng	82
20) 3+4-Methylphenols	7.25	107	117155	11.32	ng	# 64
22) Acetophenone	7.22	105	39278	2.81	ng	# 53
31) Naphthalene	8.13	128	1122784	36.24	ng	99
32) Benzoic acid	7.89	122	19252	10.24	ng	# 44
33) 4-Chloroaniline	8.13	127	151947	12.50	ng	# 41
35) Caprolactam	8.53	113	8307	3.01	ng	# 1
37) 2-Methylnaphthalene	8.82	142	402203	20.22	ng	98
45) 1,1'-Biphenyl	9.28	154	150680	8.25	ng	96
48) Acenaphthylene	9.72	152	648599	26.27	ng	99
49) Dimethylphthalate	9.58	163	443889	26.12	ng	99
51) Acenaphthene	9.89	154	277795	18.82	ng	97
53) 2,4-Dinitrophenol	9.93	184	1077	5.28	ng	# 1
54) Dibenzofuran	10.06	168	168620	8.54	ng	# 91
56) 2,4-Dinitrotoluene	10.02	165	14884	3.05	ng	# 55
57) Fluorene	10.41	166	405757	26.71	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	944	3.06	ng	# 1
70) Phenanthrene	11.38	178	2269828	106.44	ng	100
71) Anthracene	11.43	178	923054	43.10	ng	99
72) Carbazole	11.59	167	187869	9.18	ng	99
74) Fluoranthene	12.58	202	2201823	100.10	ng	98
77) Pyrene	12.81	202	3214418	161.81	ng	98
80) Benzo(a)anthracene	14.00	228	1738161	107.06	ng	# 90
82) Chrysene	14.00	228	1738161	114.34	ng	94
85) Indeno(1,2,3-cd)pyrene	16.87	276	1299372	110.35	ng	97
87) Benzo(b)fluoranthene	15.04	252	2562914	142.40	ng	98
88) Benzo(k)fluoranthene	15.04	252	2562914	164.92	ng	# 97
89) Benzo(a)pyrene	15.40	252	2113587	135.76	ng	100
90) Dibenzo(a,h)anthracene	17.01	278	274810	21.84	ng	94
91) Benzo(g,h,i)perylene	17.31	276	1715979	135.00	ng	# 89

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Acq On : 28 Feb 2017 1:42

Operator : SJ/MA

Sample : I1997-04

Misc :

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Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

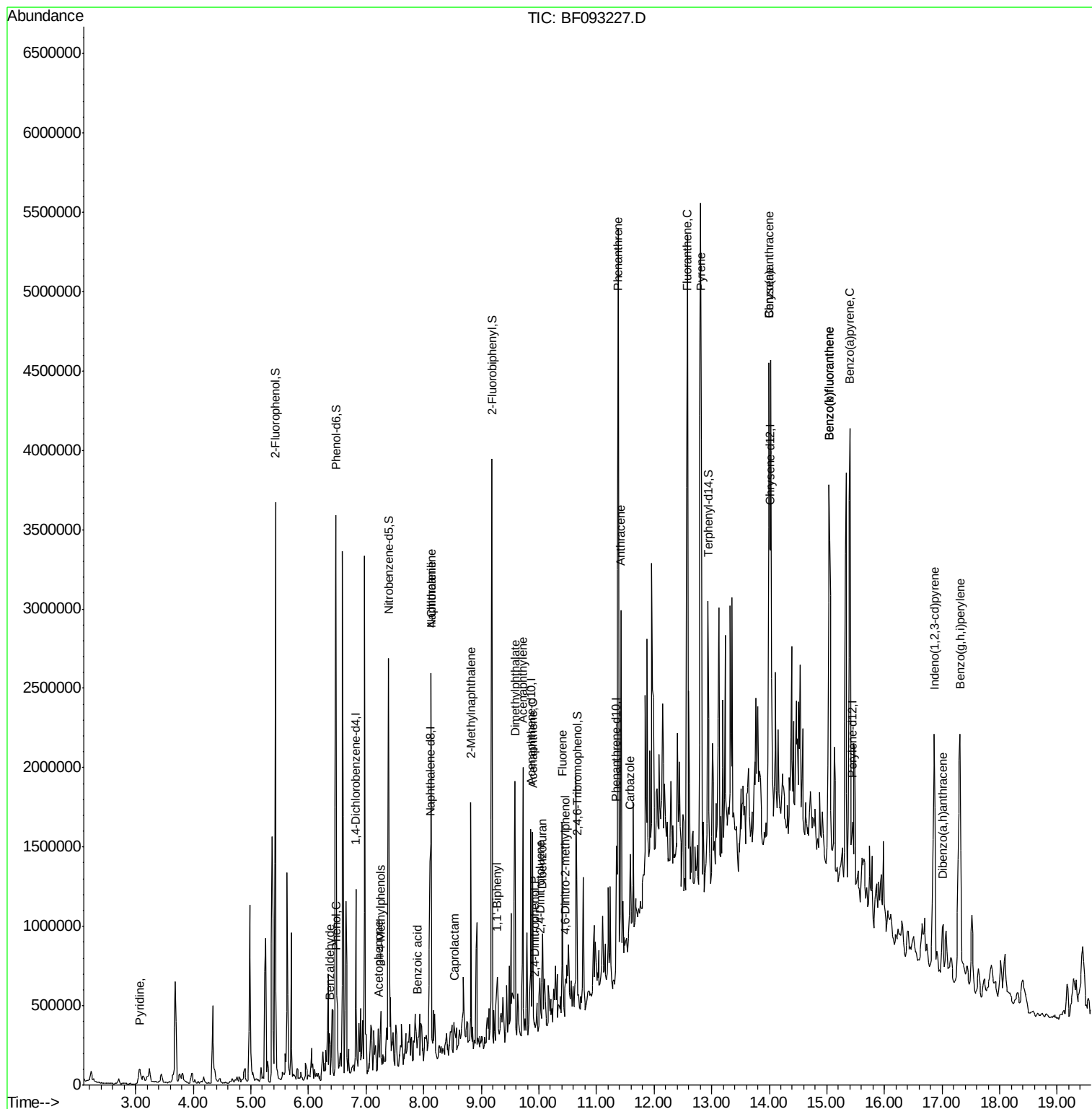
Quant Time: Feb 28 02:44:54 2017

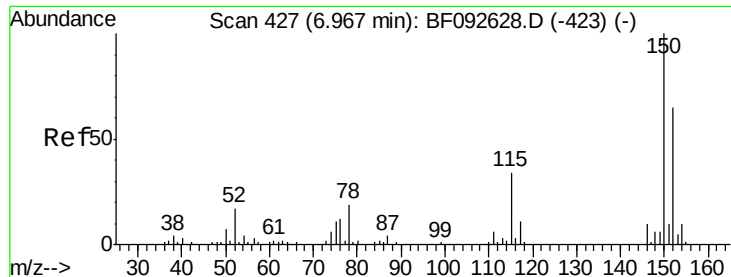
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 28 00:51:02 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

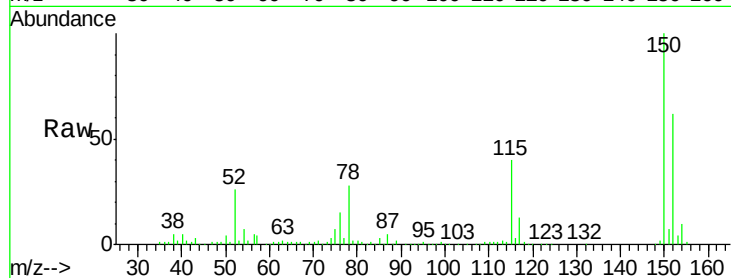
Tgt Ion:152 Resp: 156910

Ion Ratio Lower Upper

152 100

150 161.1 124.9 187.3

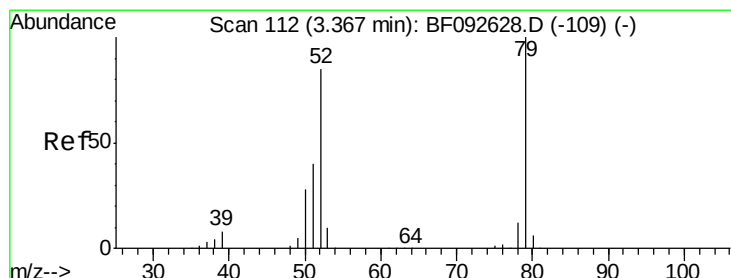
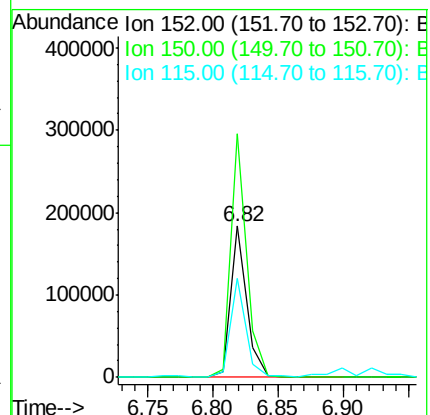
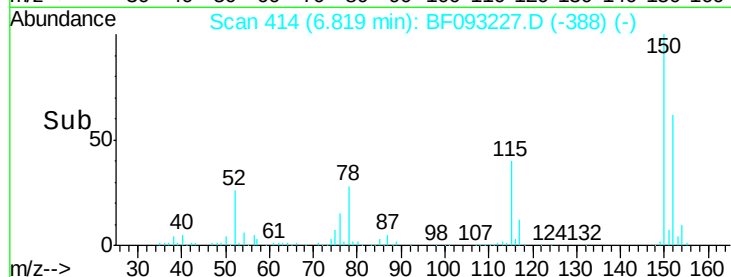
115 65.2 46.0 69.0



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



#3

Pyridine

Concen: 5.34 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

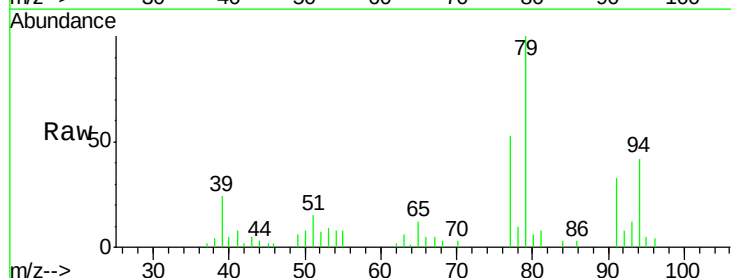
Tgt Ion: 79 Resp: 67166

Ion Ratio Lower Upper

79 100

52 6.5 57.1 85.7#

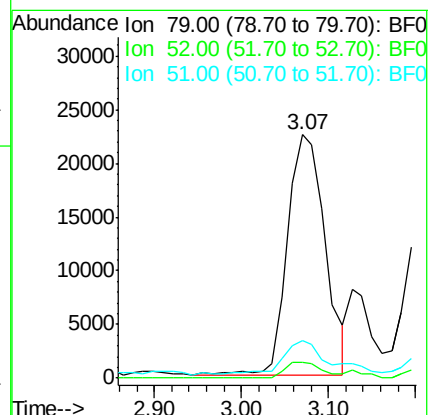
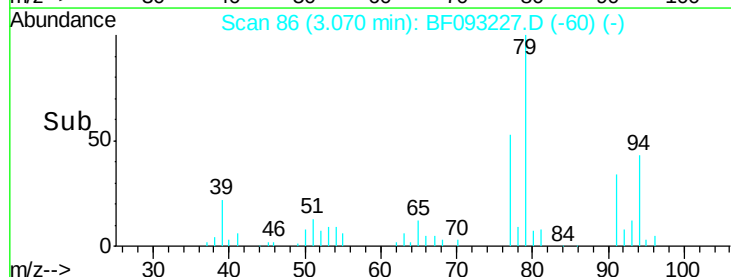
51 15.3 27.3 40.9#

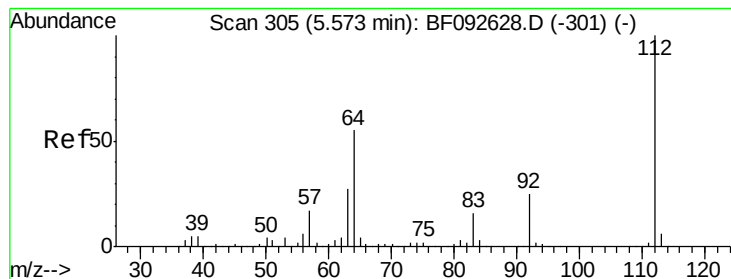


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 119.10 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

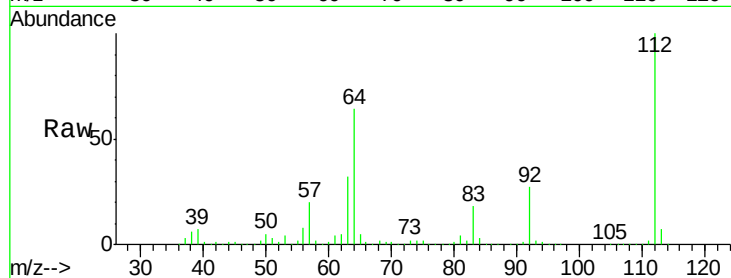
Tgt Ion: 112 Resp: 1089239

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

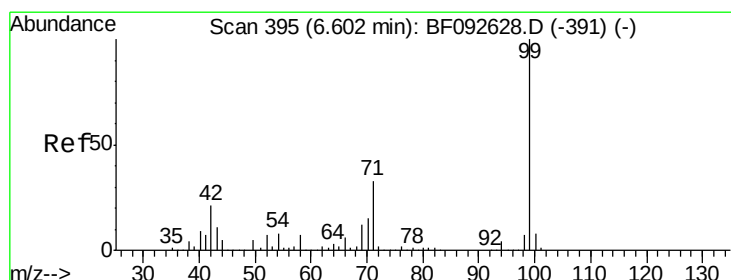
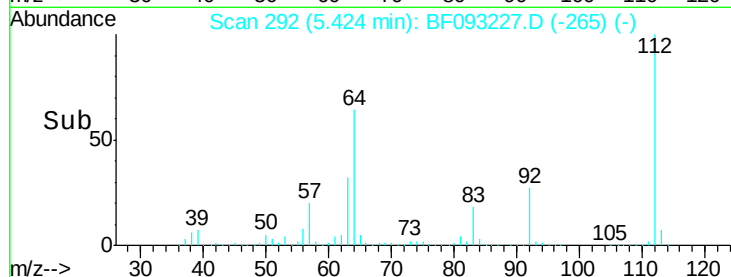
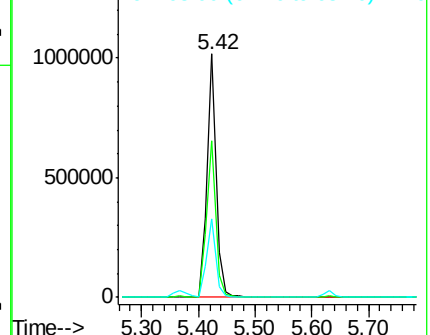
63 32.4 23.8 35.6



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: 112.60 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

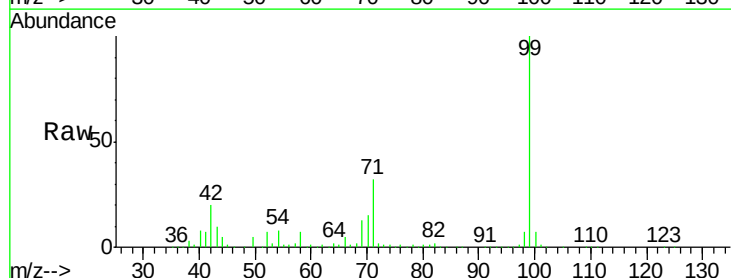
Tgt Ion: 99 Resp: 1325062

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

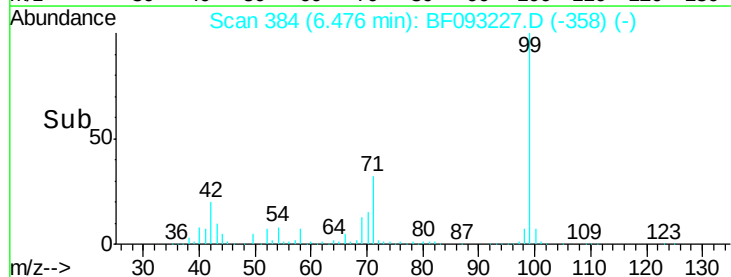
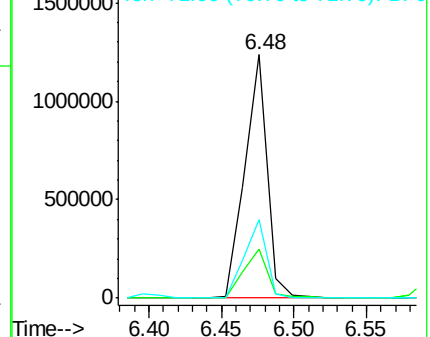
71 32.4 27.5 41.3

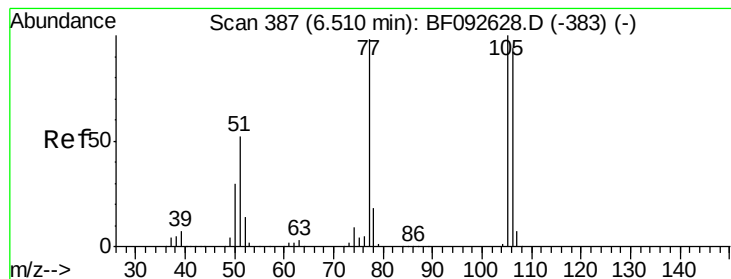


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

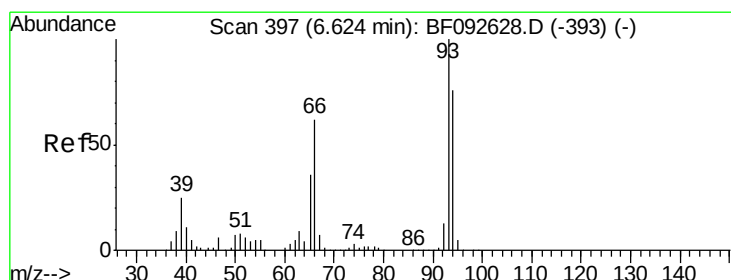
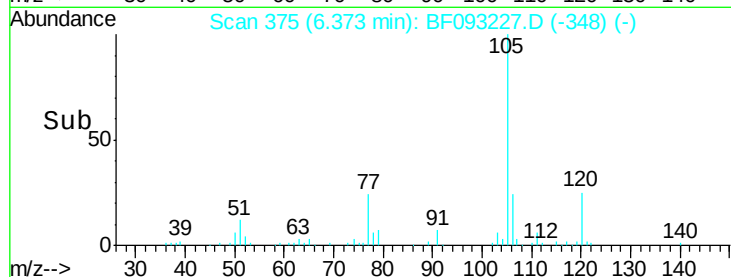
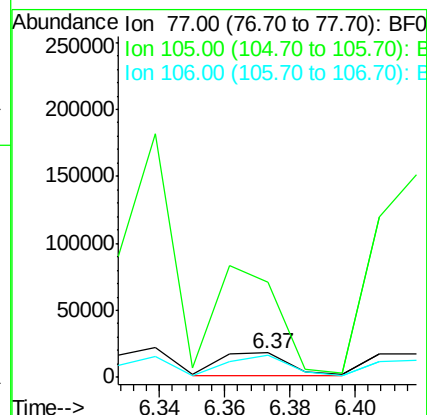
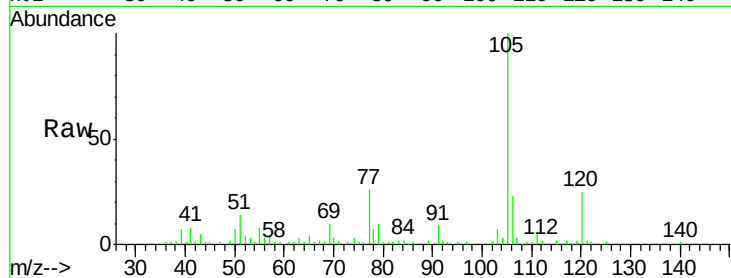
Tgt Ion: 77 Resp: 26997

Ion Ratio Lower Upper

77 100

105 386.7 83.9 123.9#

106 90.5 77.6 117.6



#10

Phenol

Concen: 2.25 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

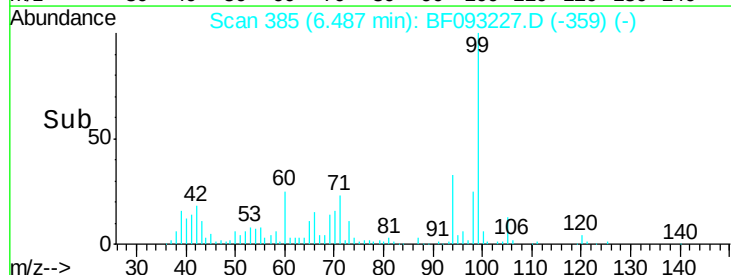
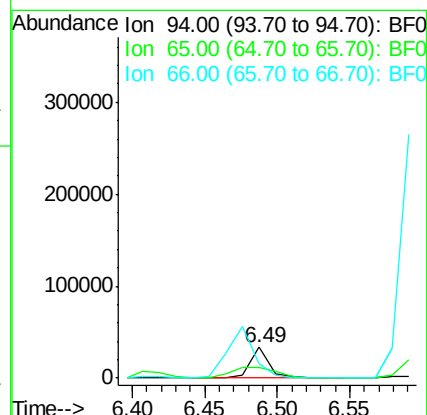
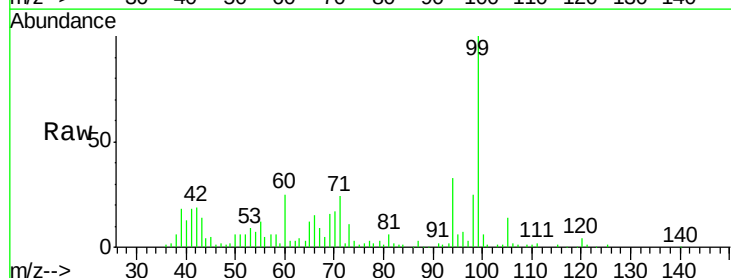
Tgt Ion: 94 Resp: 30972

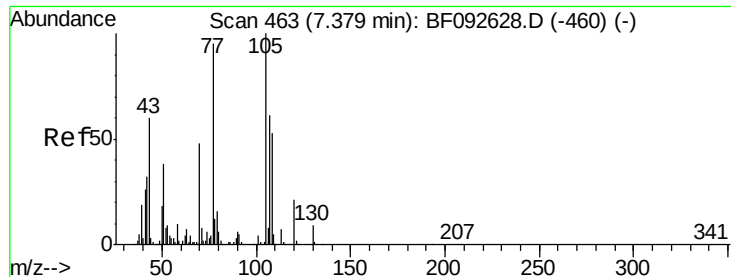
Ion Ratio Lower Upper

94 100

65 35.3 21.4 61.4

66 45.9 44.0 84.0





#20

3+4-Methylphenols

Concen: 11.32 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

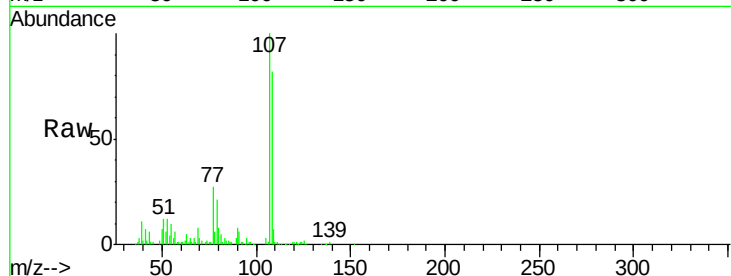
Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

Tgt Ion:	107	Resp:	117155
Ion	Ratio	Lower	Upper
107	100		
108	81.6	73.0	113.0
77	27.1	71.3	111.3#
79	21.2	11.1	51.1



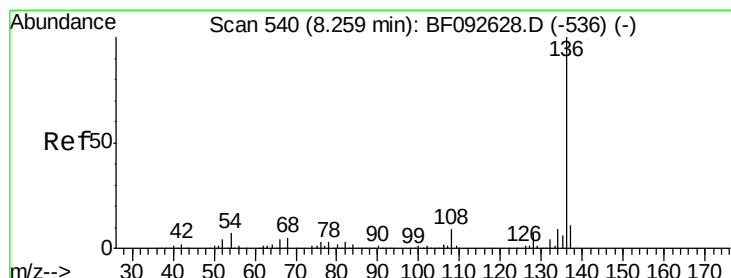
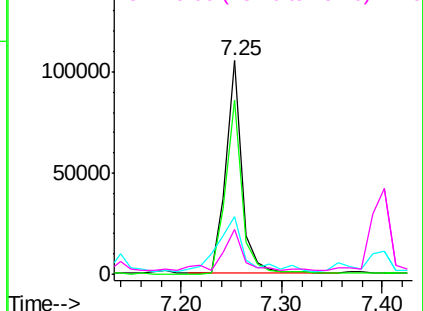
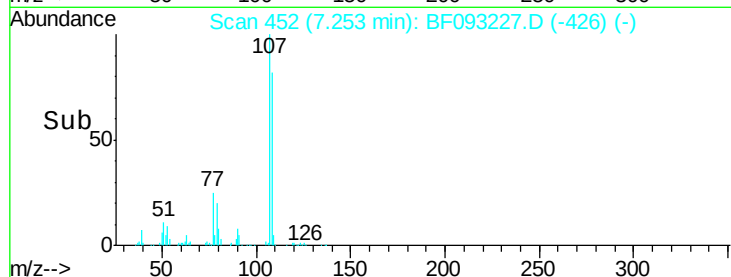
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

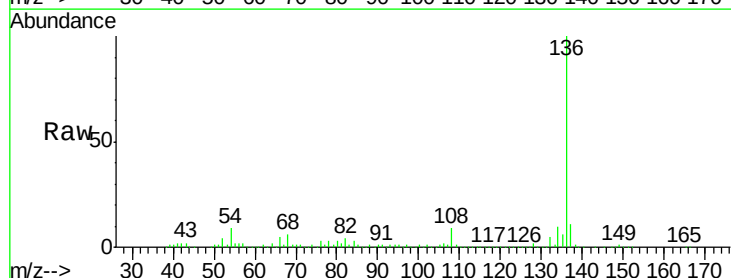
RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Tgt Ion:	136	Resp:	611251
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.5	4.5	6.7#
68	6.4	3.6	5.4#



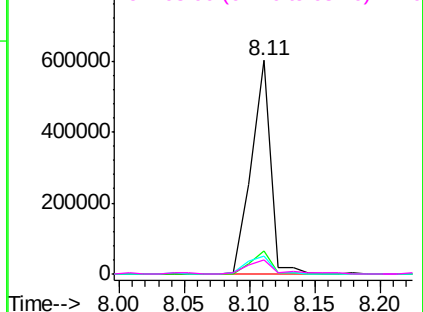
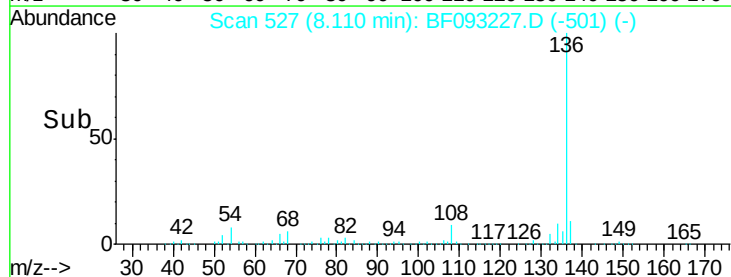
Abundance

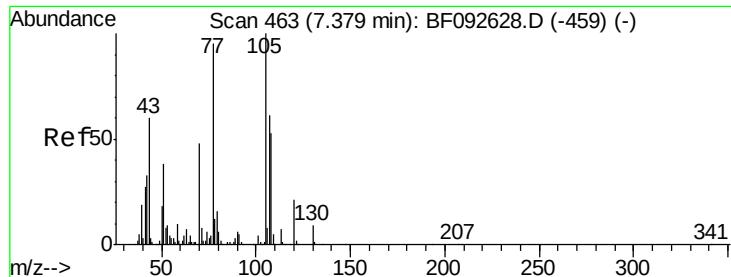
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.81 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

Tgt Ion: 105 Resp: 39278

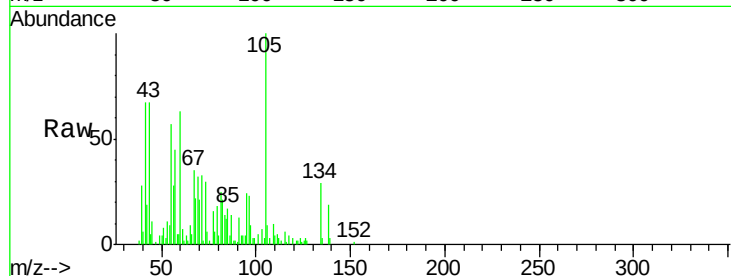
Ion Ratio Lower Upper

105 100

71 32.7 3.2 4.8#

51 8.3 26.2 39.4#

120 0.0 16.6 24.8#

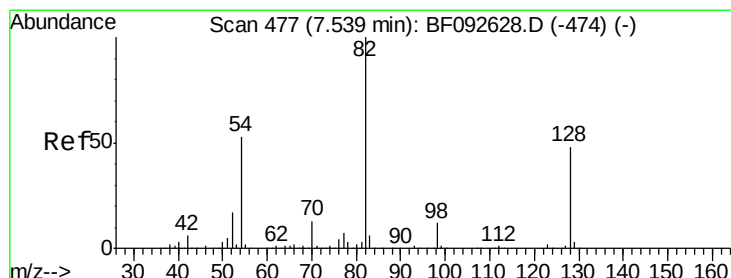
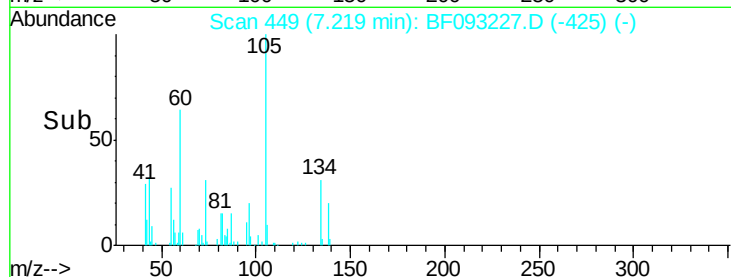
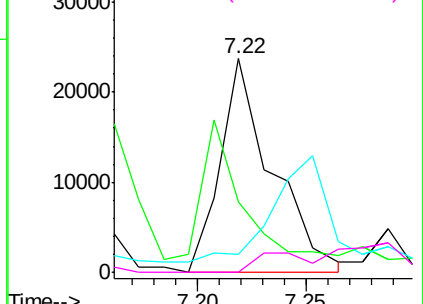


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.58 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

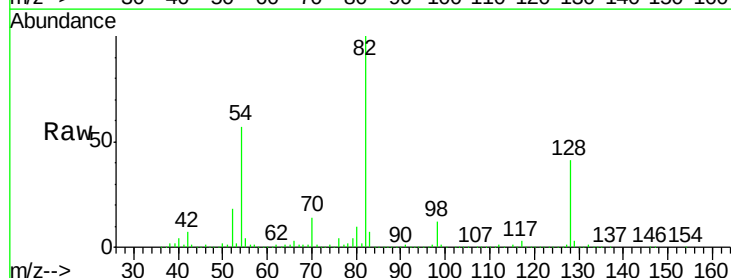
Tgt Ion: 82 Resp: 785690

Ion Ratio Lower Upper

82 100

128 41.0 34.6 52.0

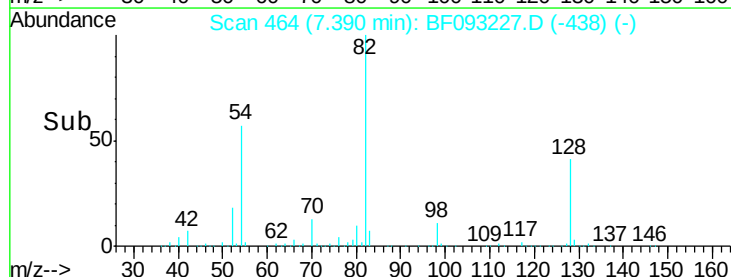
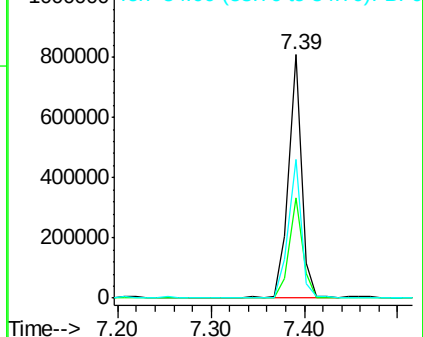
54 57.2 39.5 59.3

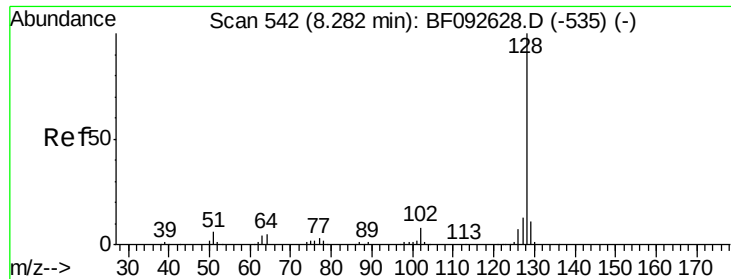


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

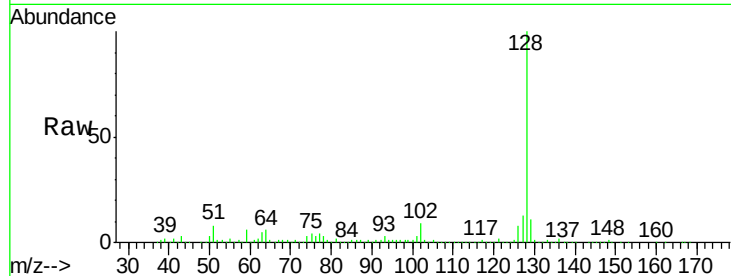




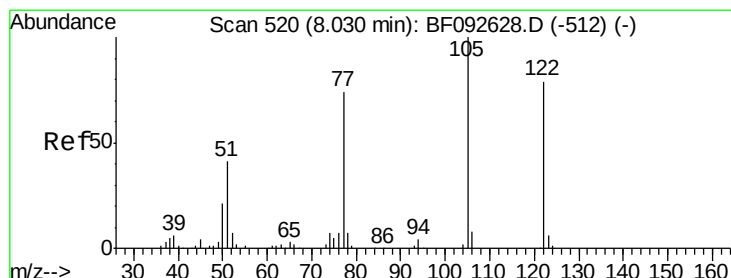
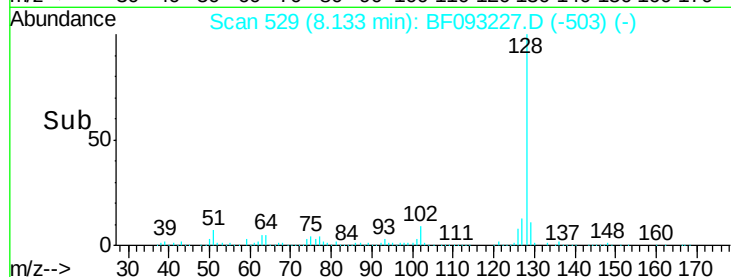
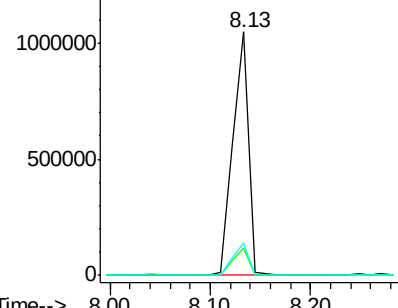
#31
Naphthalene
Concen: 36.24 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

Tgt Ion:128 Resp: 1122784
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.5 10.8 16.2

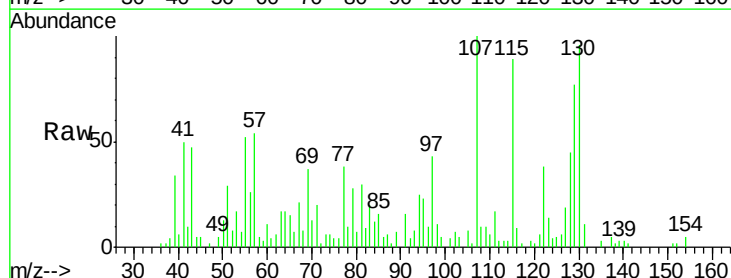


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

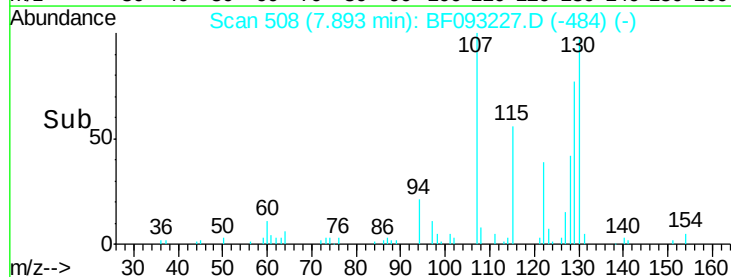
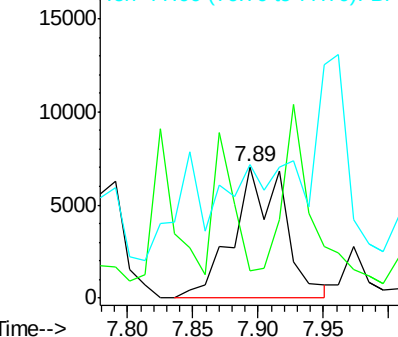


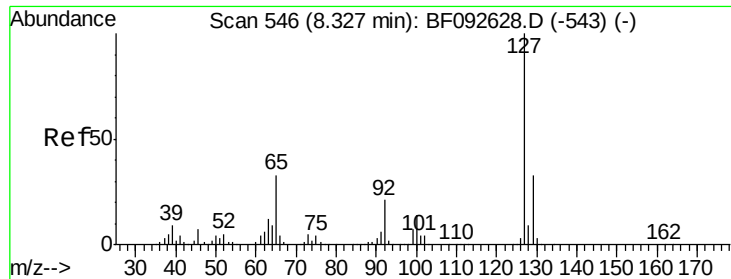
#32
Benzoic acid
Concen: 10.24 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion:122 Resp: 19252
Ion Ratio Lower Upper
122 100
105 20.3 107.2 147.2#
77 101.2 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

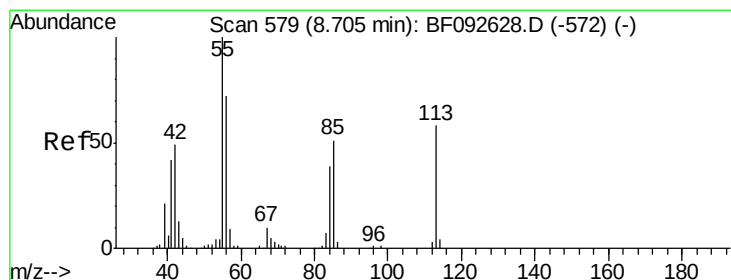
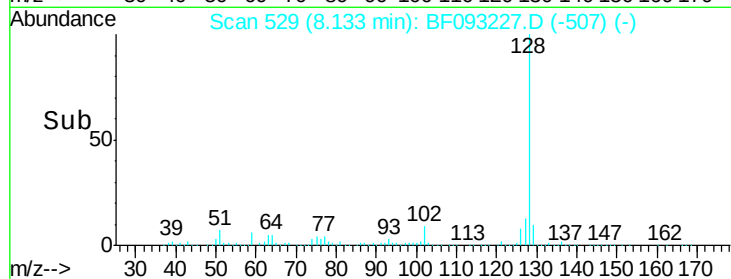
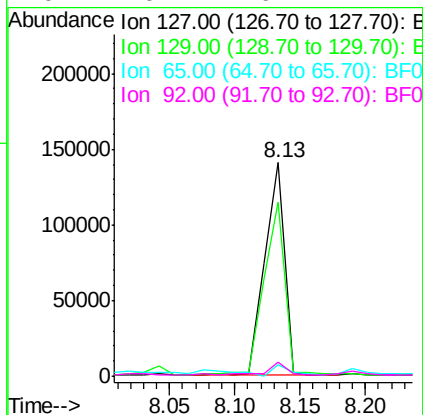
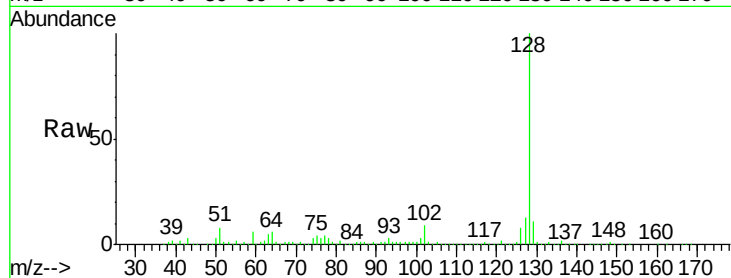




#33
4-Chloroaniline
Concen: 12.50 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.05 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

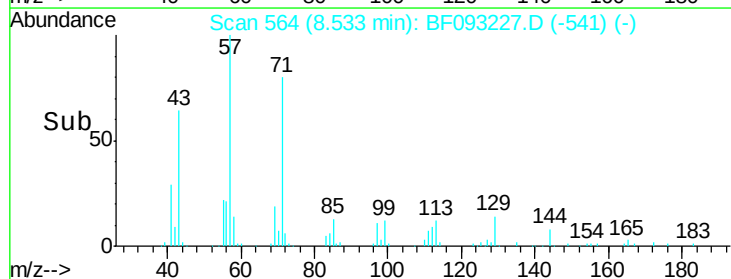
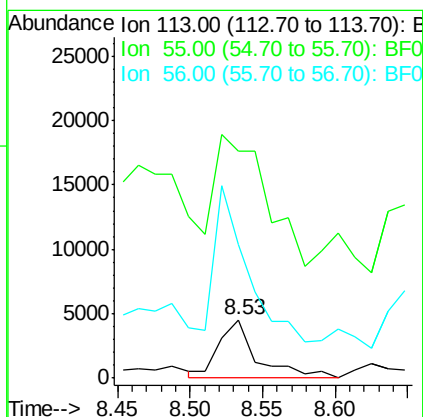
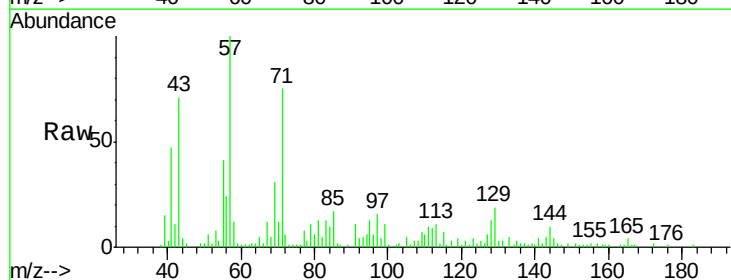
Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

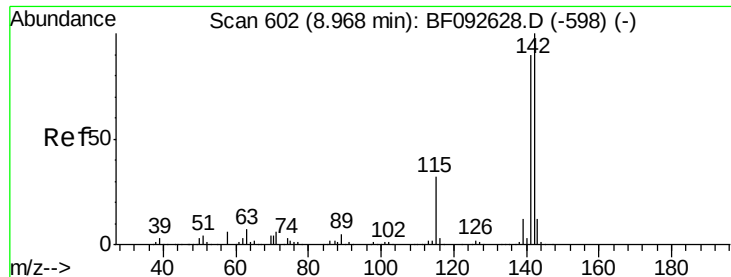
Tgt Ion:	127	Resp:	151947
Ion	Ratio	Lower	Upper
127	100		
129	81.6	26.3	39.5#
65	5.1	25.8	38.8#
92	6.7	16.1	24.1#



#35
Caprolactam
Concen: 3.01 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion:	113	Resp:	8307
Ion	Ratio	Lower	Upper
113	100		
55	389.0	119.2	159.2#
56	229.6	83.8	123.8#

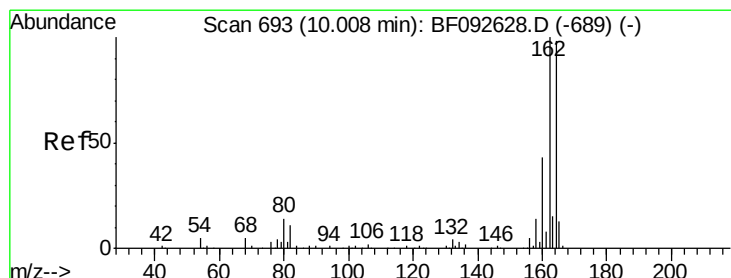
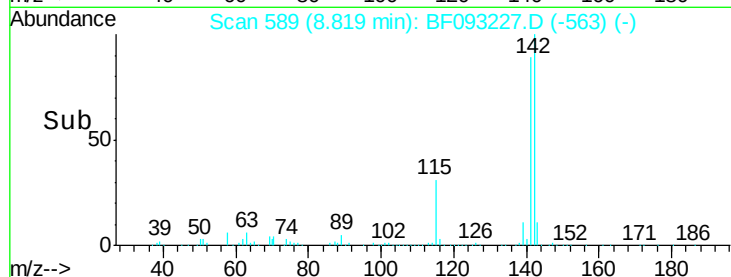
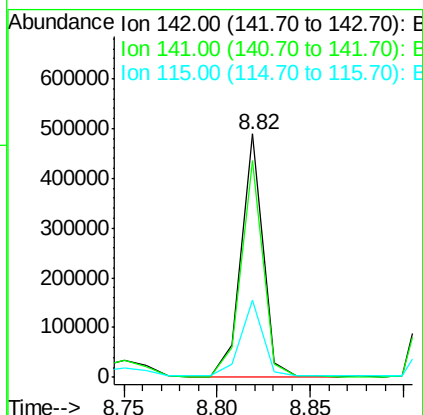
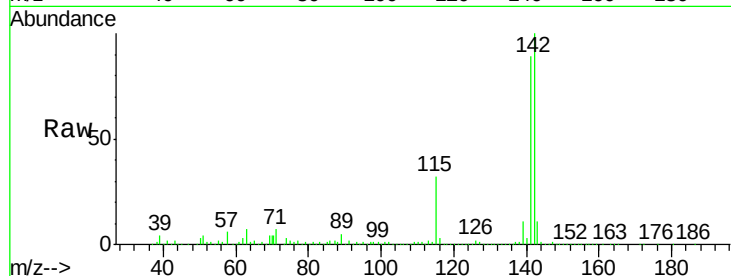




#37
2-Methylnaphthalene
Concen: 20.22 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

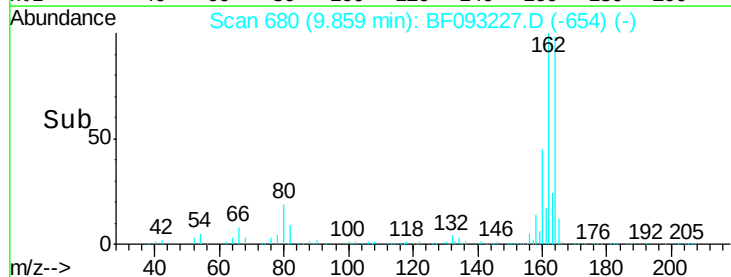
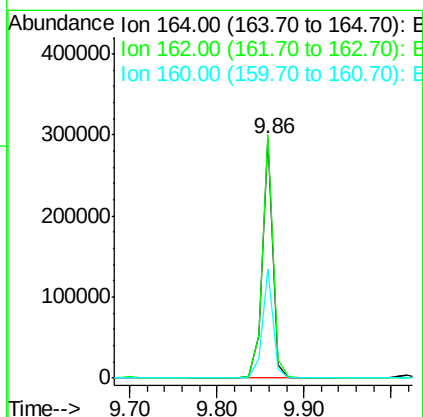
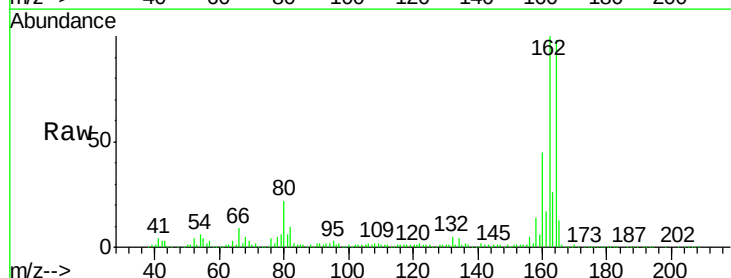
Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

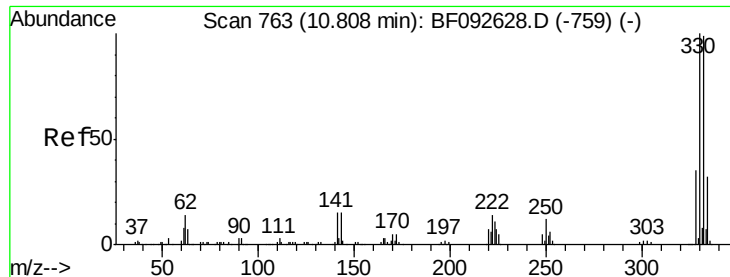
Tgt Ion:142 Resp: 402203
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 31.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion:164 Resp: 252351
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 45.5 36.9 55.3

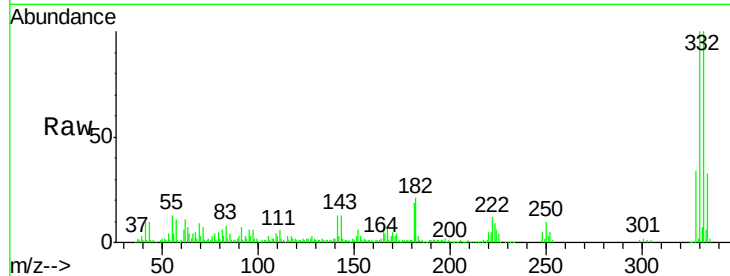




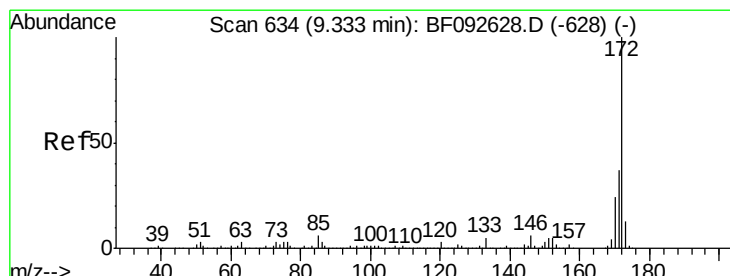
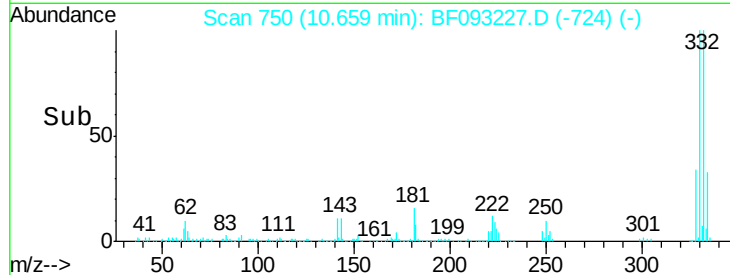
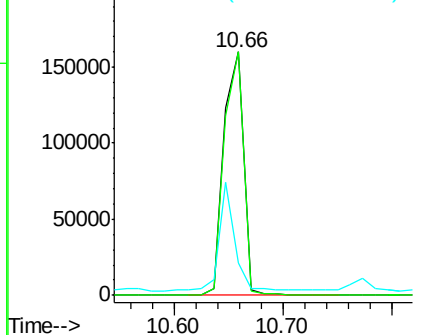
#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF093227.D
 Acq: 28 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 E2-W7-BASE

Tgt Ion:330 Resp: 202051
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 35.3 34.1 51.1

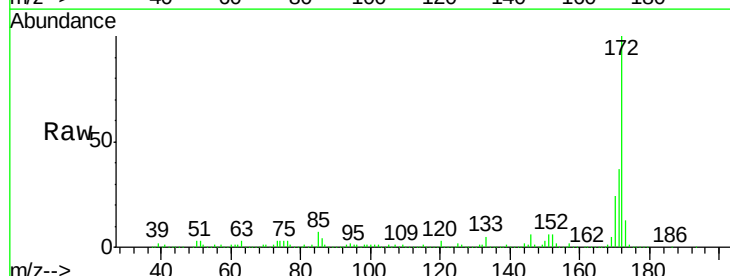


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

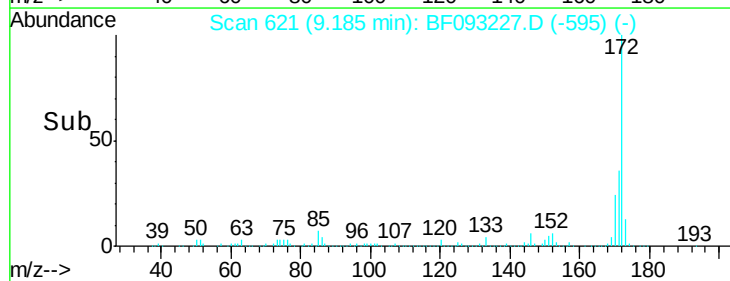
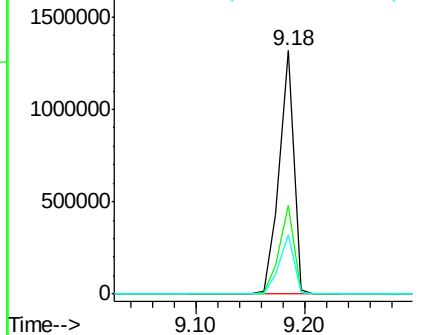


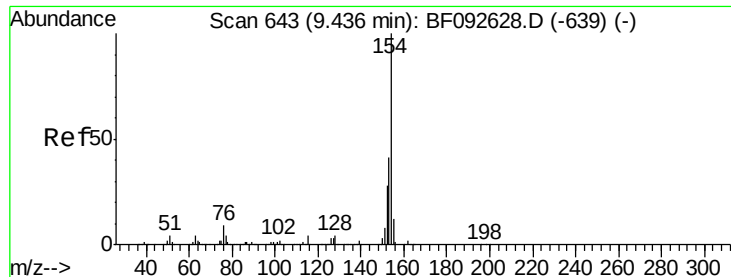
#44
 2-Fluorobiphenyl
 Concen: 88.75 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF093227.D
 Acq: 28 Feb 2017 1:42

Tgt Ion:172 Resp: 1236189
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.3 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: 8.25 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

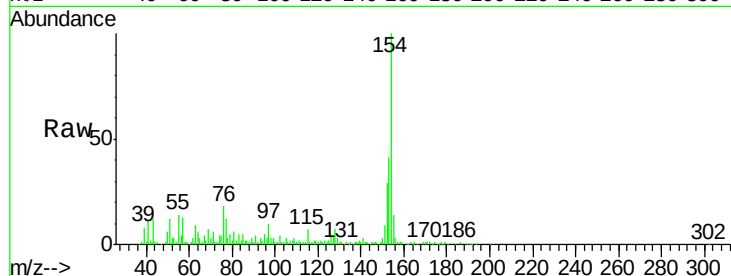
Tgt Ion:154 Resp: 150680

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

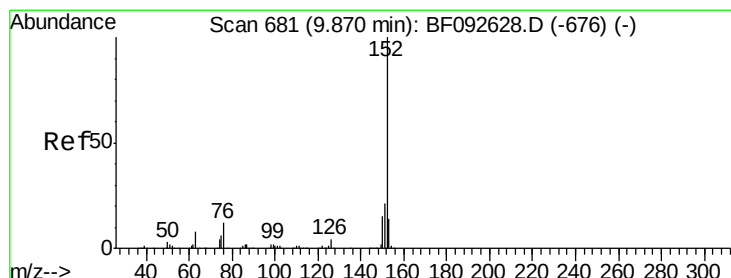
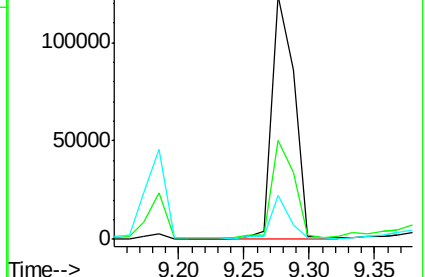
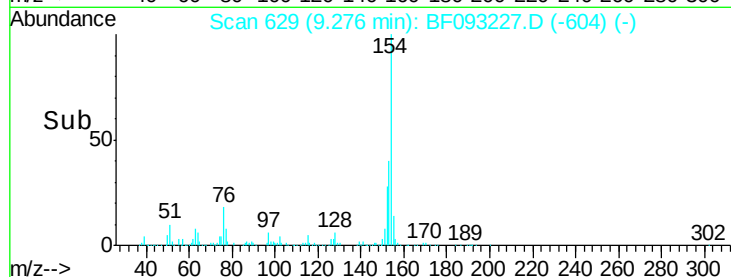
76 18.1 0.0 30.5



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



#48

Acenaphthylene

Concen: 26.27 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

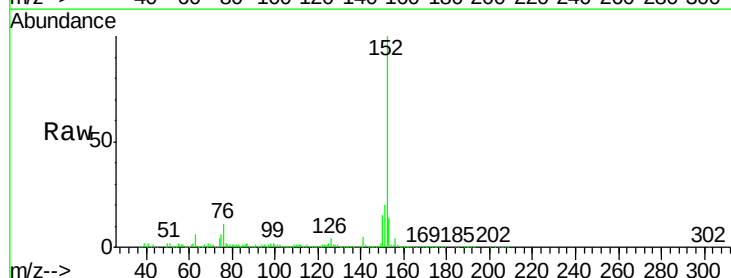
Tgt Ion:152 Resp: 648599

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

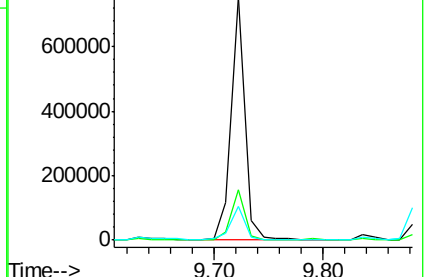
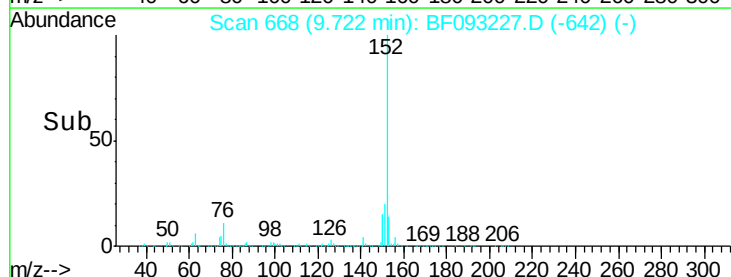
153 13.8 11.4 17.2

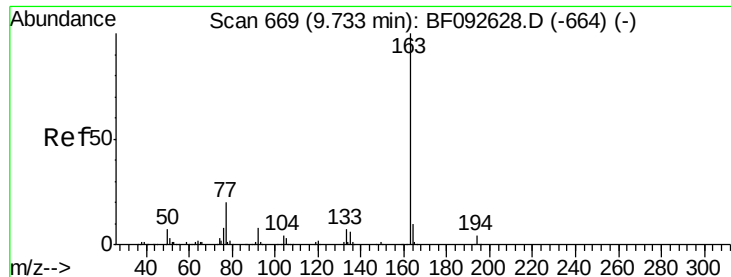


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

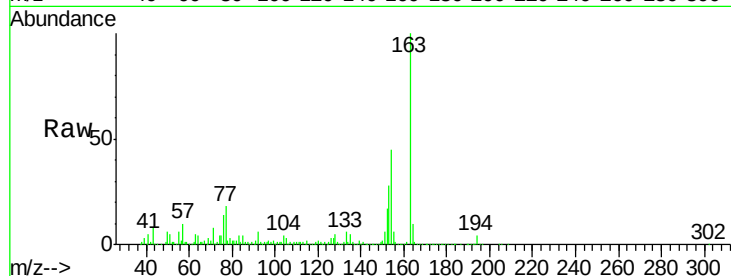




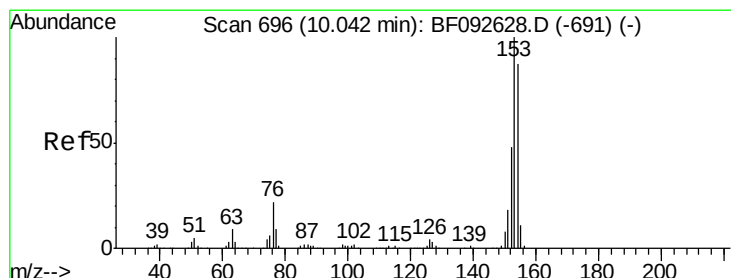
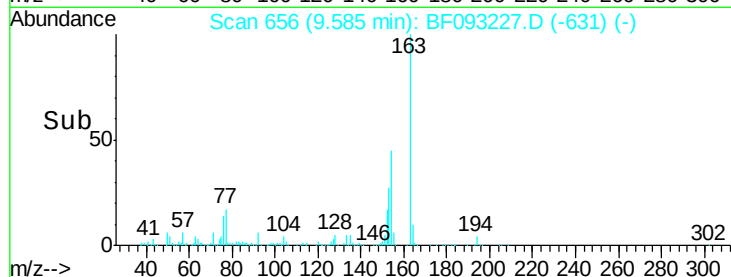
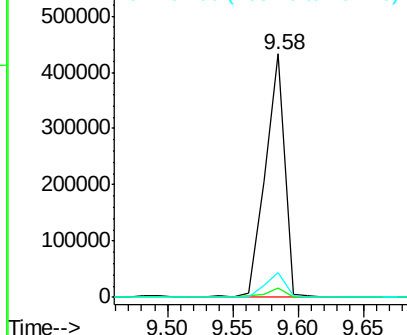
#49
Dimethylphthalate
Concen: 26.12 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.2	8.0	12.0

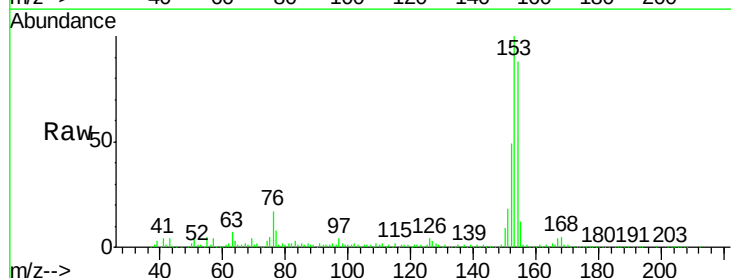


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

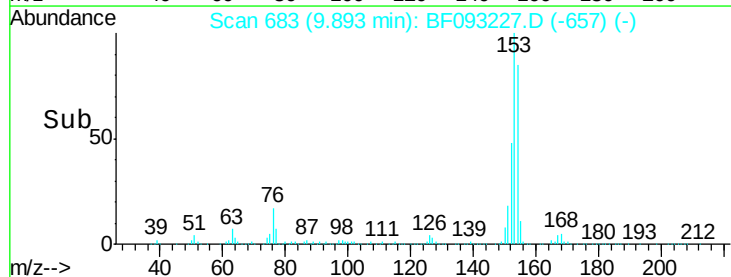
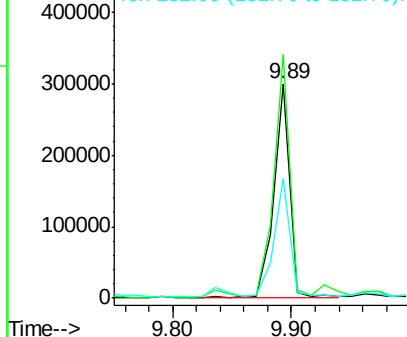


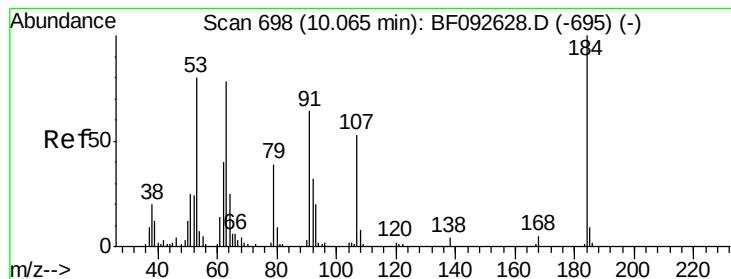
#51
Acenaphthene
Concen: 18.82 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	55.5	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





#53

2,4-Dinitrophenol

Concen: 5.28 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

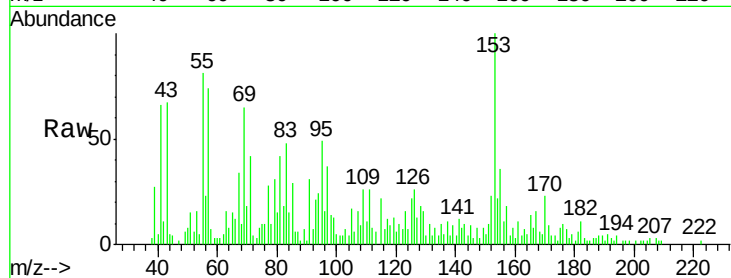
Tgt Ion:184 Resp: 1077

Ion Ratio Lower Upper

184 100

63 674.5 28.4 42.6#

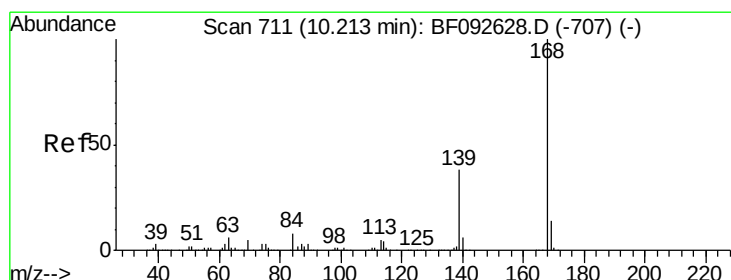
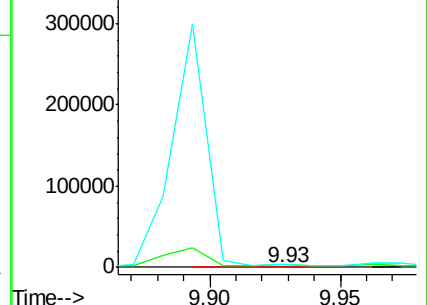
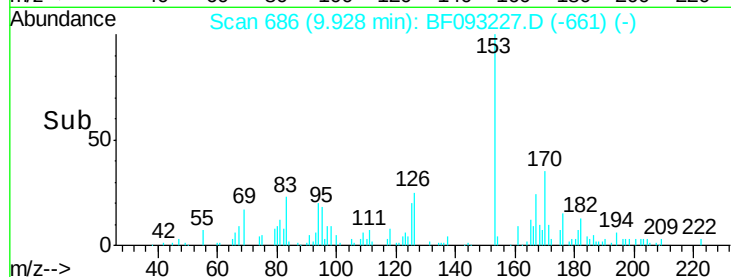
154 902.2 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 8.54 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

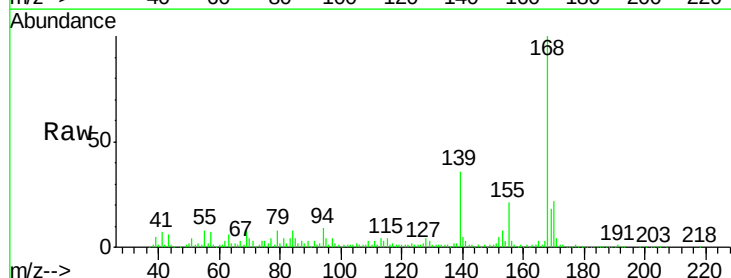
Tgt Ion:168 Resp: 168620

Ion Ratio Lower Upper

168 100

139 35.5 32.6 49.0

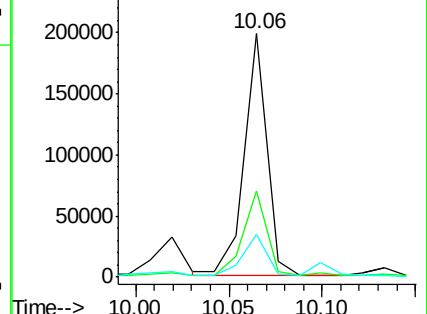
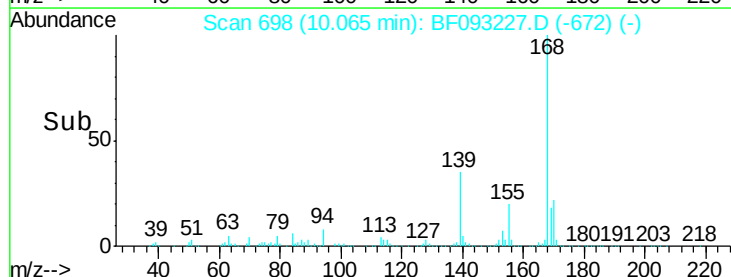
169 17.8 11.3 16.9#

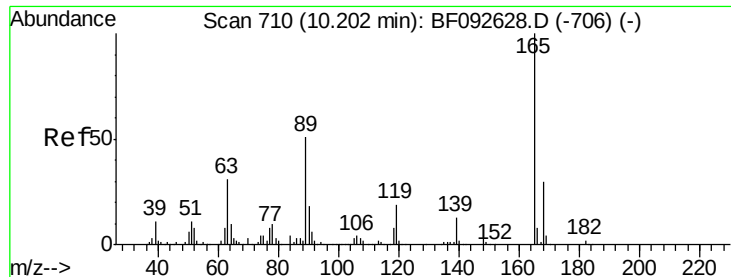


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

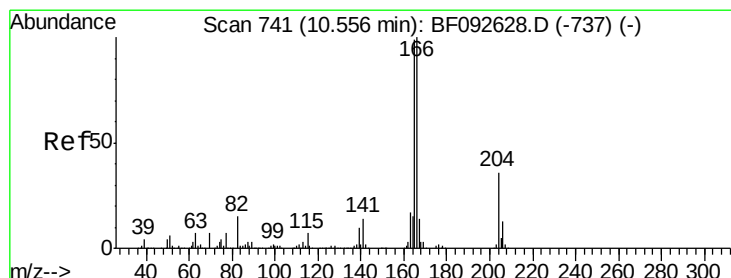
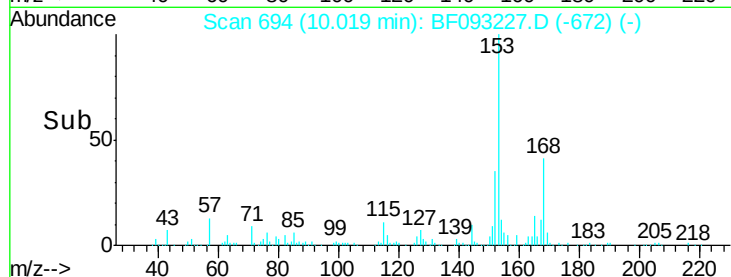
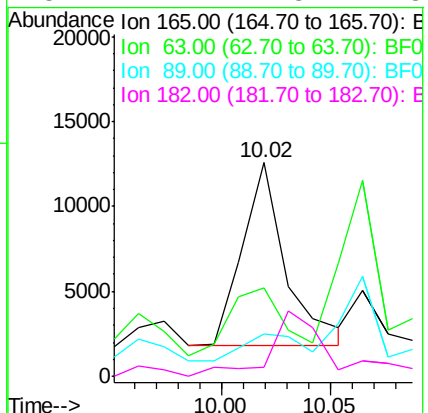
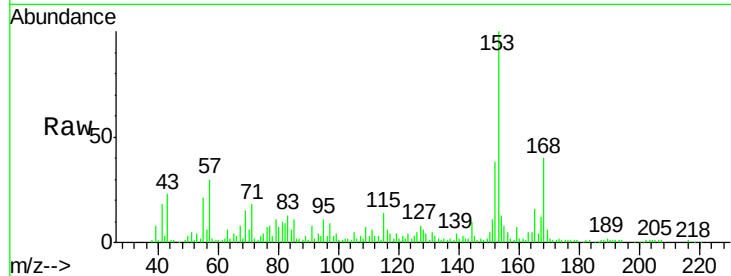




#56
2,4-Dinitrotoluene
Concen: 3.05 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

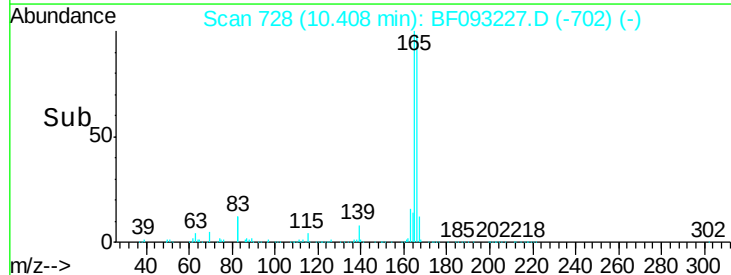
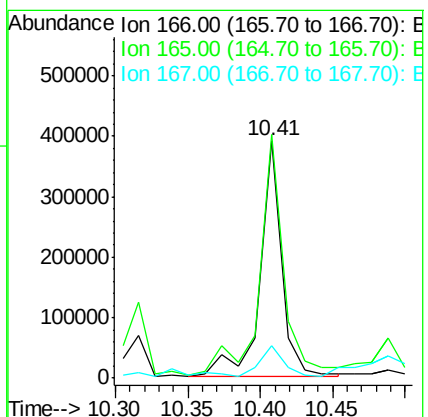
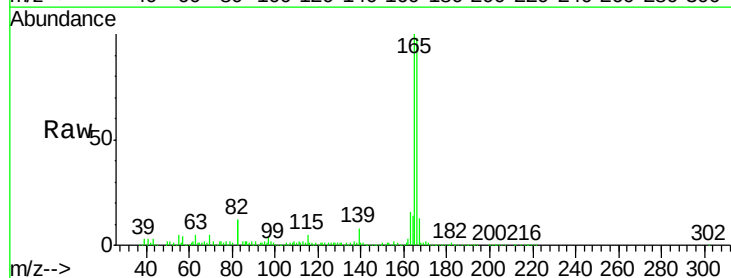
Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

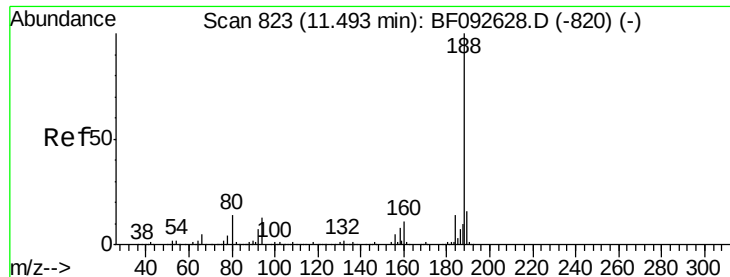
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.6	40.2	60.4
89	19.8	62.5	93.7#
182	4.1	1.8	2.8#



#57
Fluorene
Concen: 26.71 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.8	116.8
167	13.8	10.8	16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

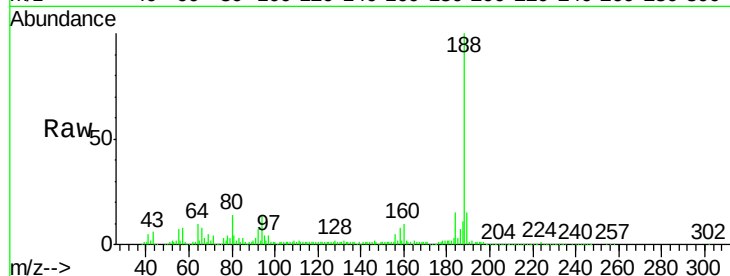
Tgt Ion:188 Resp: 372205

Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

80 14.0 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

400000

300000

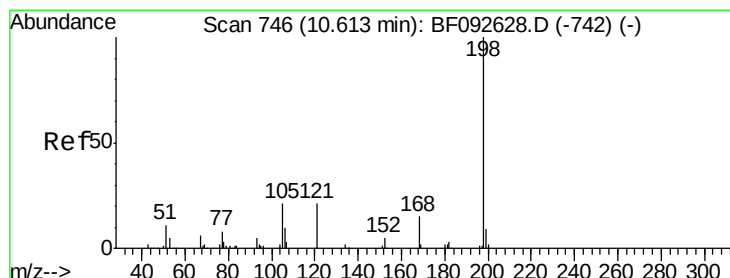
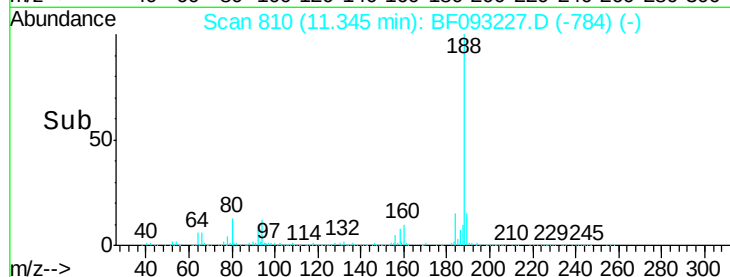
200000

100000

0

11.35

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 3.06 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

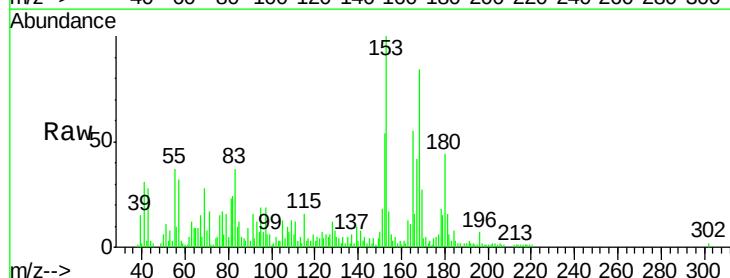
Tgt Ion:198 Resp: 944

Ion Ratio Lower Upper

198 100

51 1273.4 6.7 46.7#

105 1502.3 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

12000

10000

8000

6000

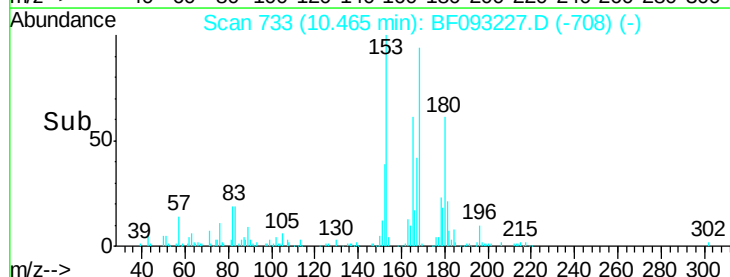
4000

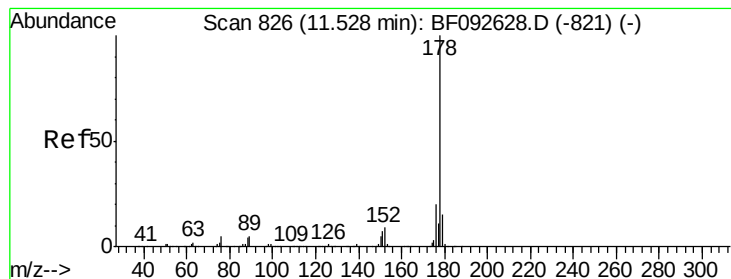
2000

0

10.46

Time-->





#70

Phenanthrene

Concen: 106.44 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

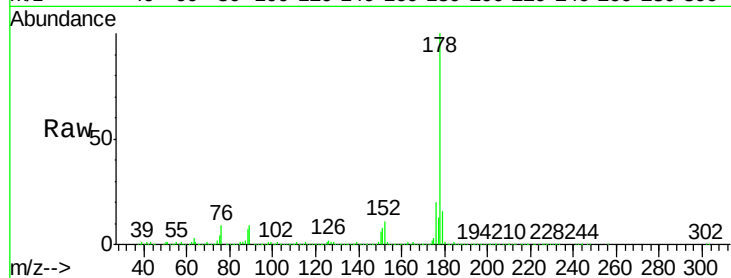
Tgt Ion:178 Resp: 2269828

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

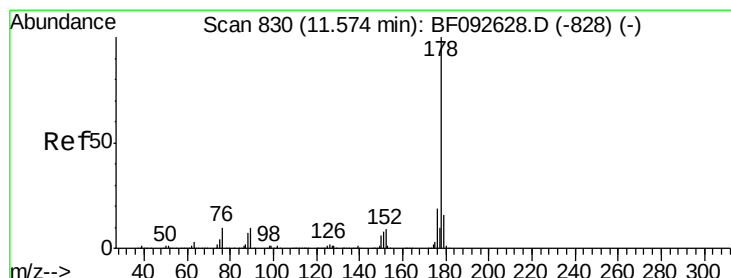
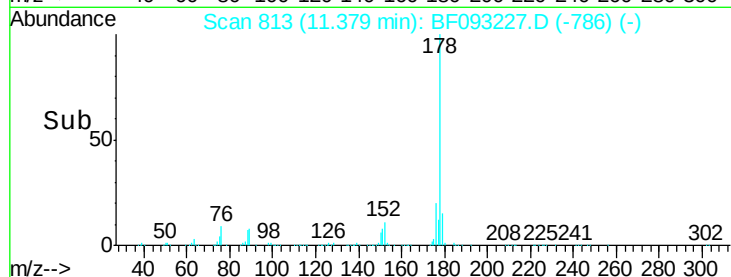
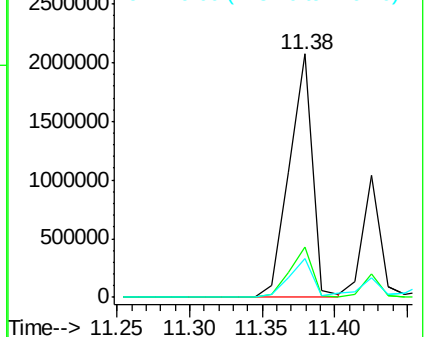
179 16.0 12.8 19.2



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: 43.10 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

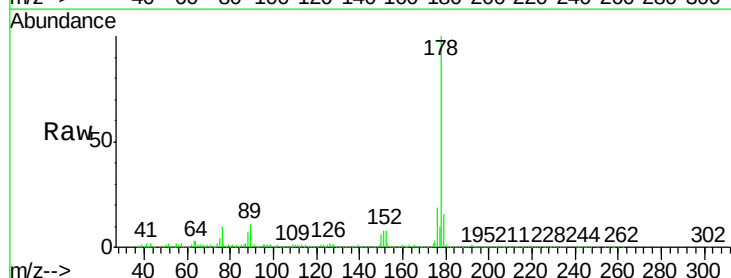
Tgt Ion:178 Resp: 923054

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

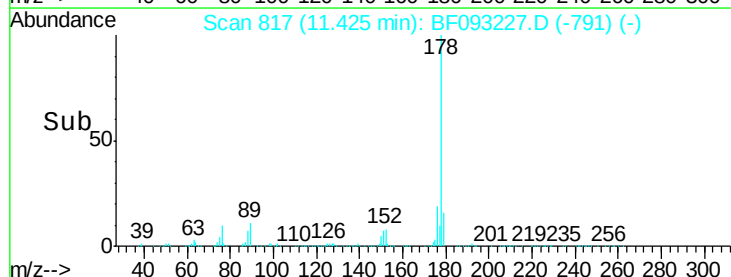
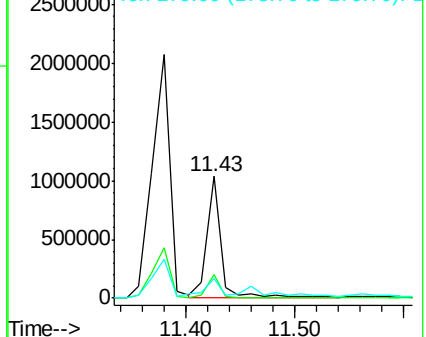
179 16.2 13.2 19.8

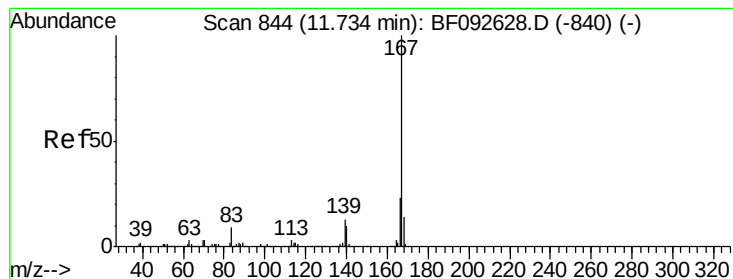


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 9.18 ng

RT: 11.59 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

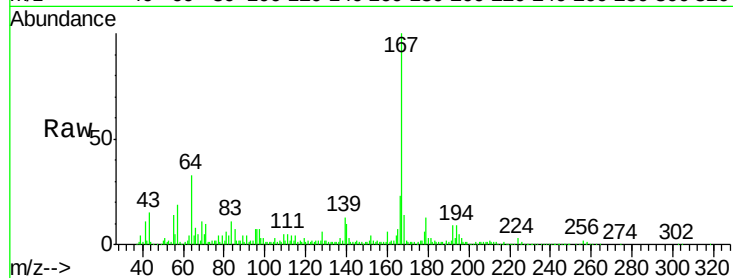
Tgt Ion:167 Resp: 187869

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

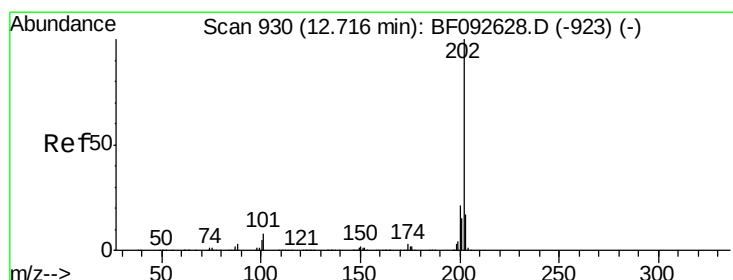
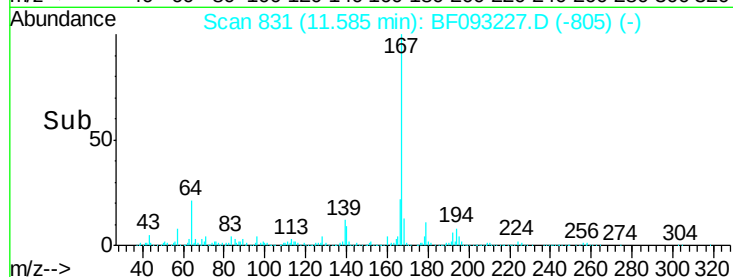
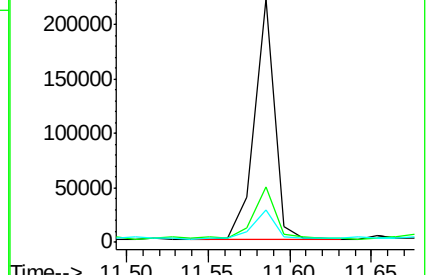
139 13.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 100.10 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

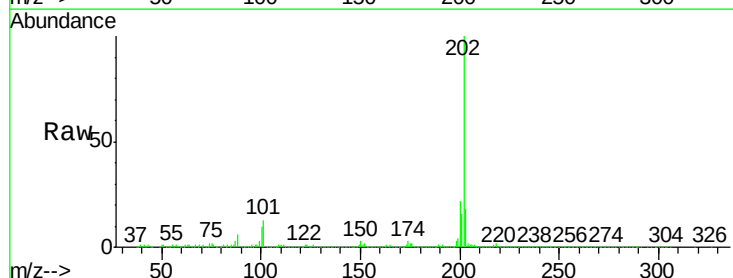
Tgt Ion:202 Resp: 2201823

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.6

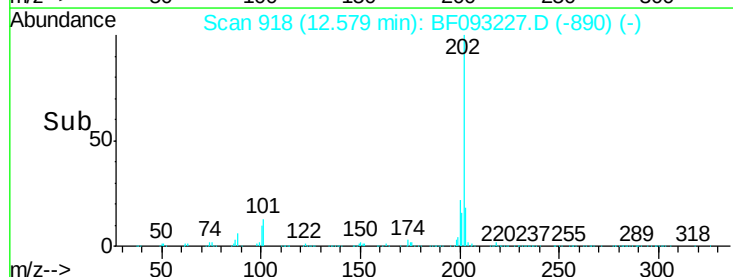
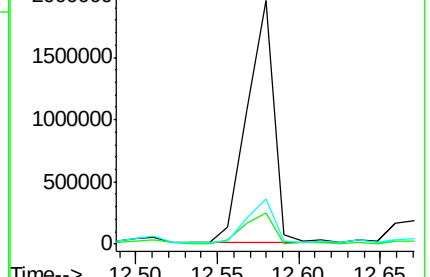
203 18.4 0.0 38.7

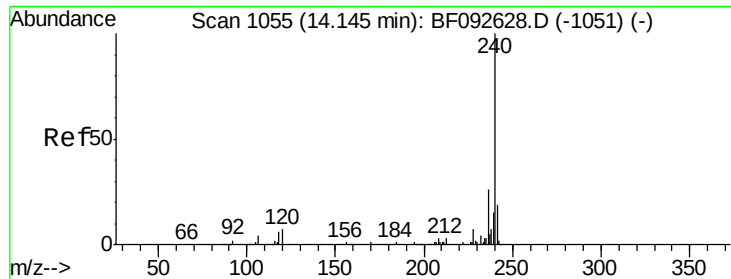


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

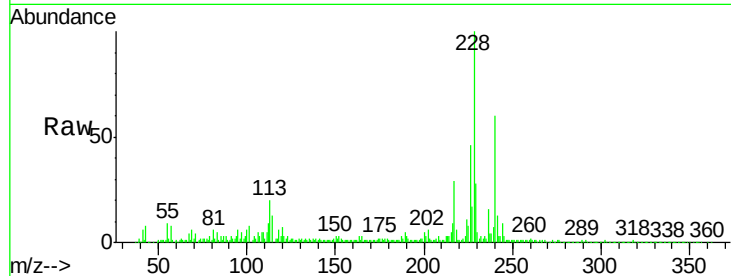
Tgt Ion:240 Resp: 265456

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

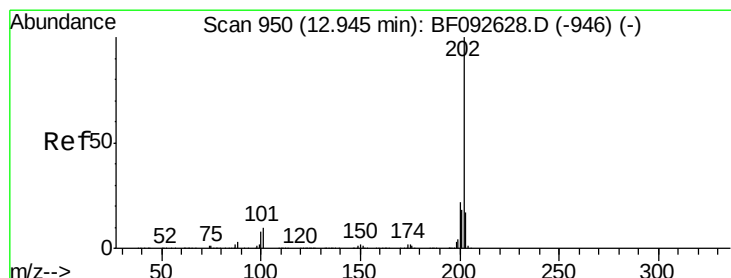
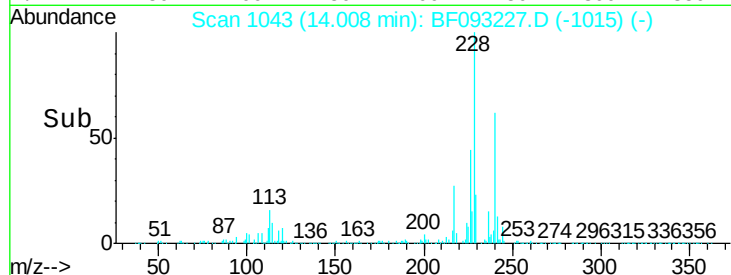
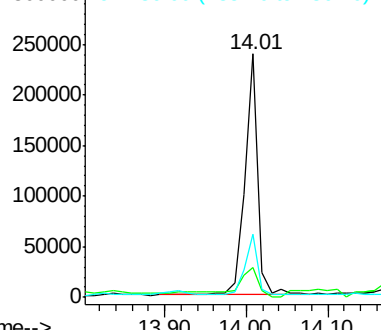
236 26.0 20.9 31.3



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



#77

Pyrene

Concen: 161.81 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

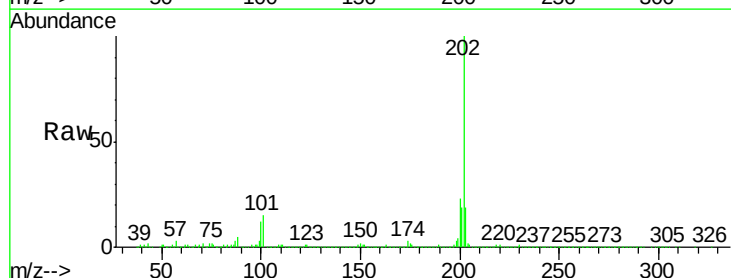
Tgt Ion:202 Resp: 3214418

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

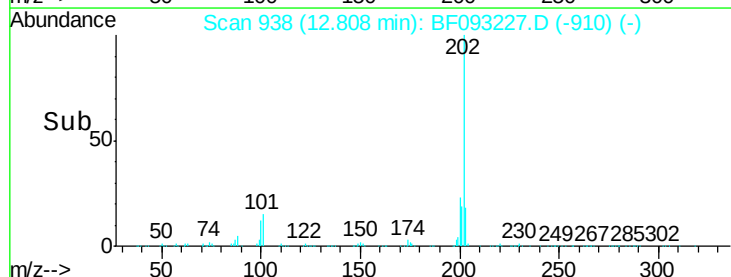
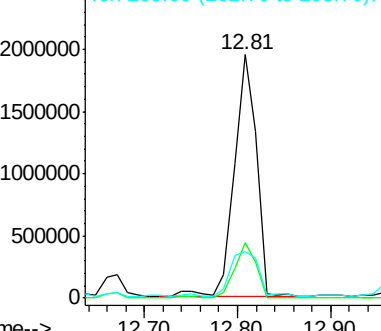
203 19.3 14.7 22.1

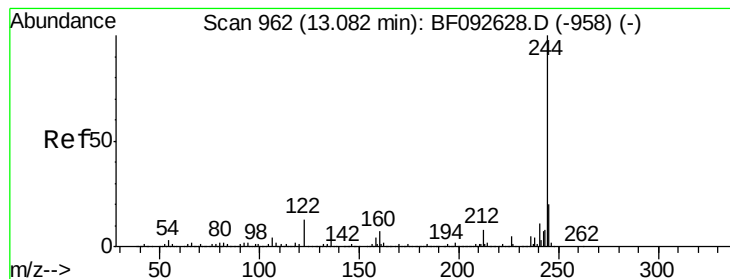


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.57 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

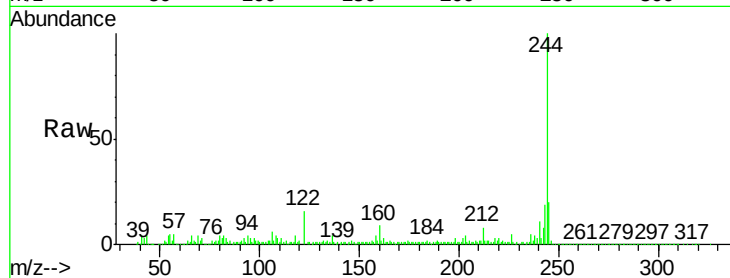
Tgt Ion:244 Resp: 729523

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

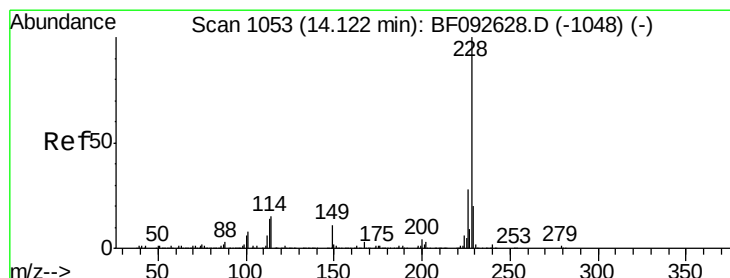
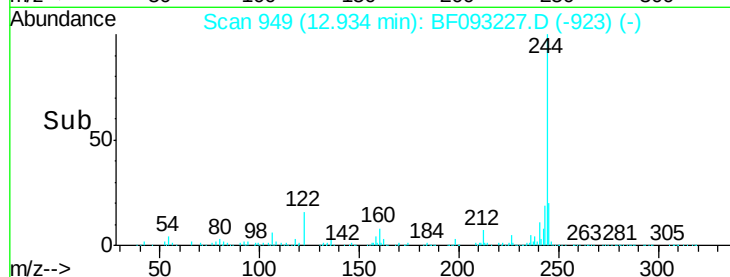
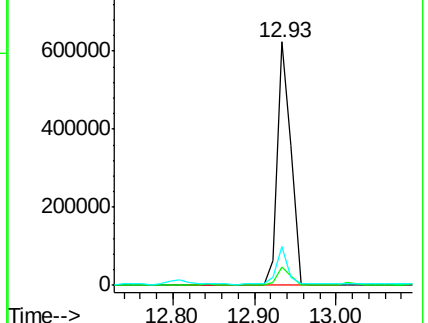
122 16.2 11.4 17.2



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: 107.06 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

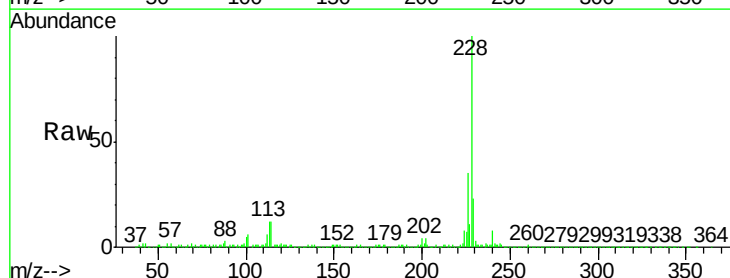
Tgt Ion:228 Resp: 1738161

Ion Ratio Lower Upper

228 100

226 35.5 22.4 33.6#

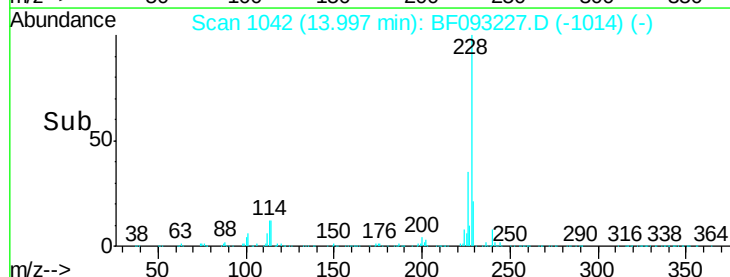
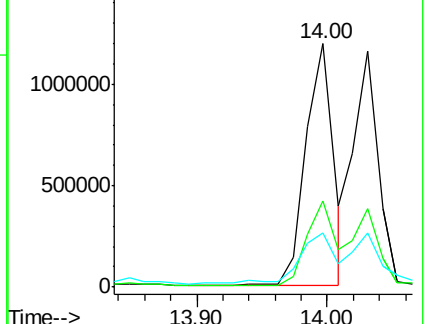
229 22.5 16.2 24.4

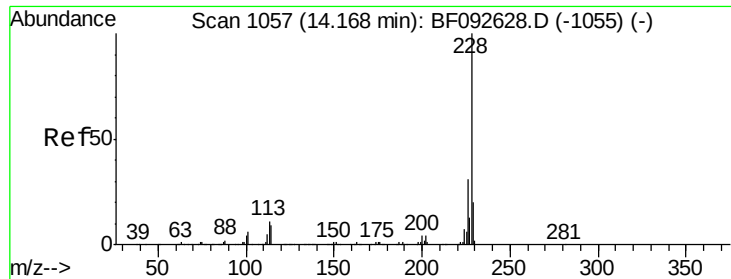


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 114.34 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

E2-W7-BASE

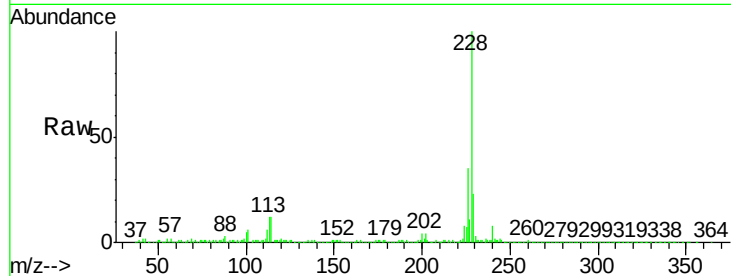
Tgt Ion:228 Resp: 1738161

Ion Ratio Lower Upper

228 100

226 35.5 25.4 38.0

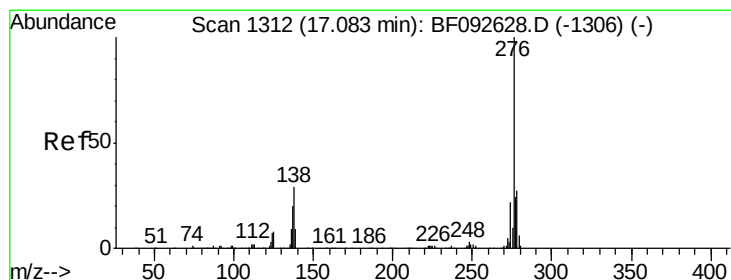
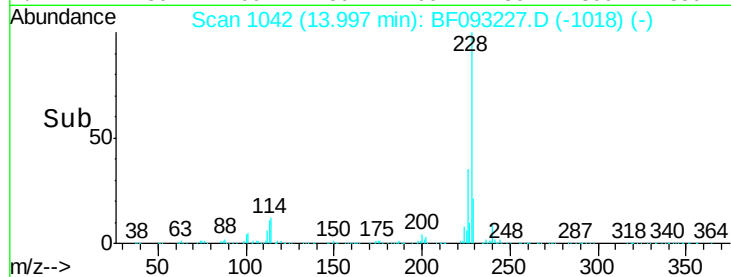
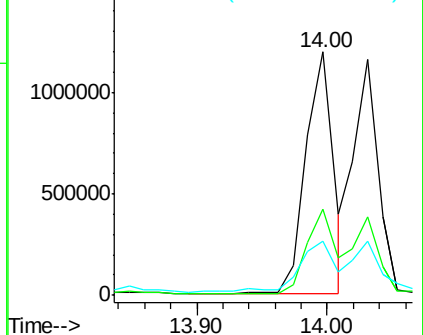
229 22.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 110.35 ng

RT: 16.87 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

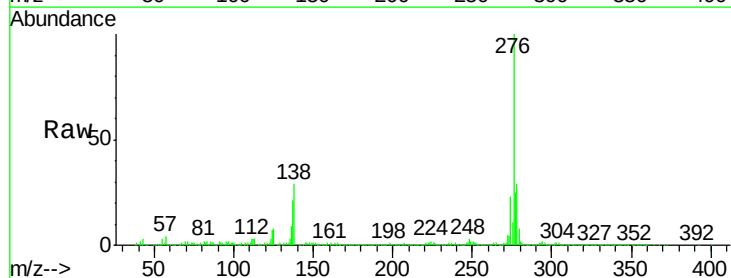
Tgt Ion:276 Resp: 1299372

Ion Ratio Lower Upper

276 100

138 29.6 21.8 32.6

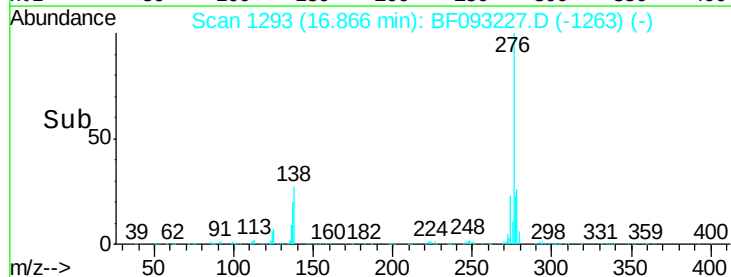
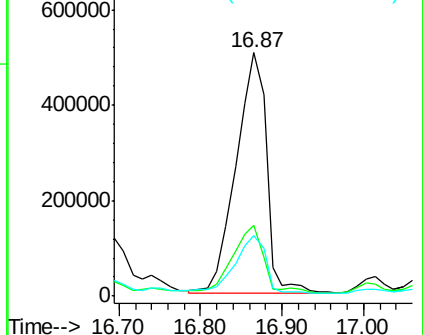
277 25.6 20.2 30.4

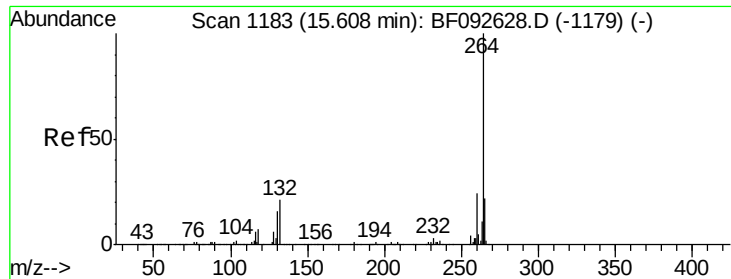


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

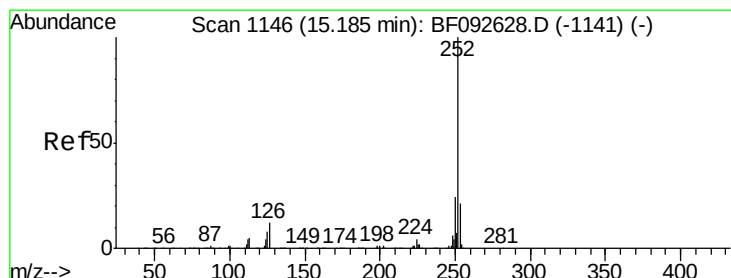
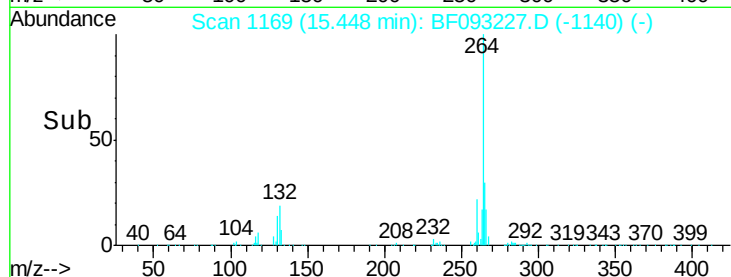
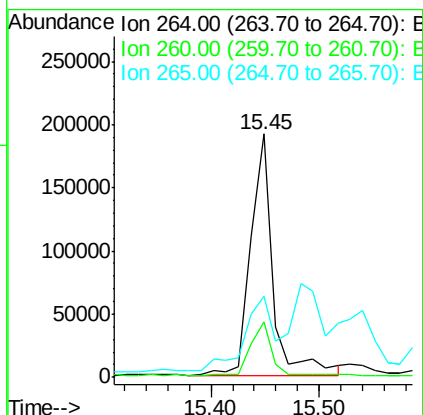
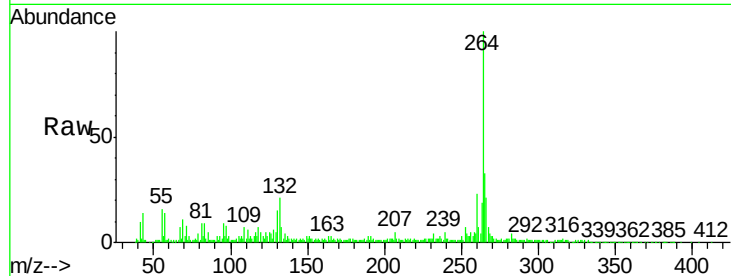




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

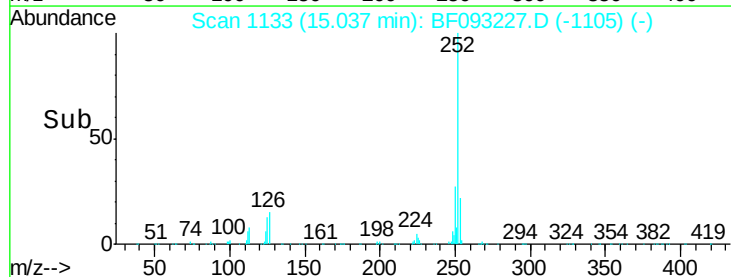
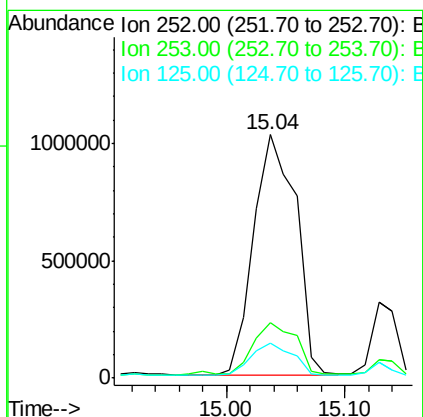
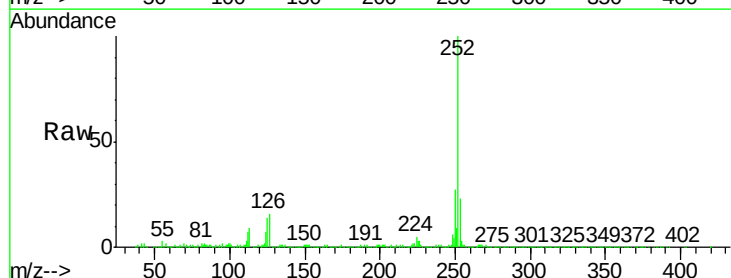
Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

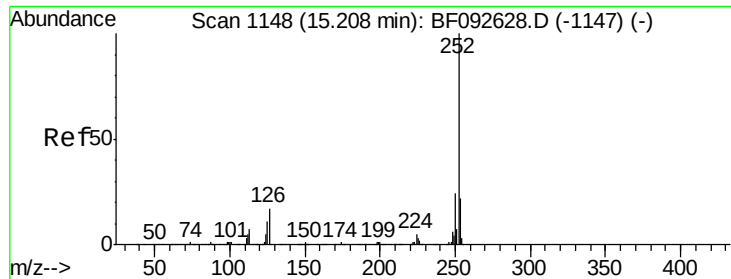
Tgt Ion:264 Resp: 273446
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 33.4 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 142.40 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion:252 Resp: 2562914
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 14.4 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 164.92 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

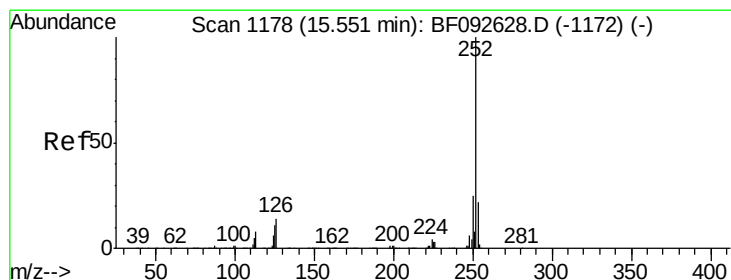
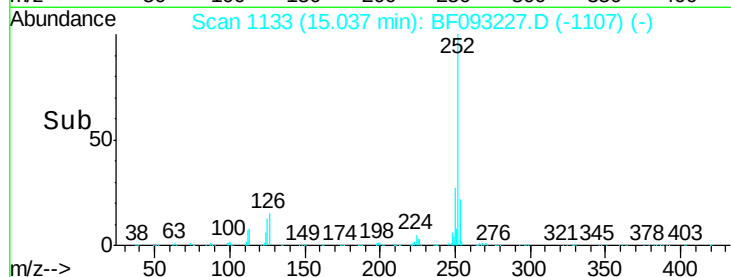
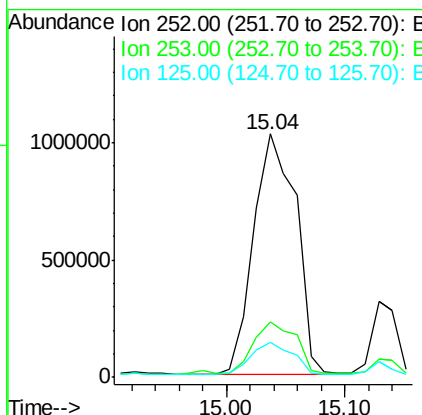
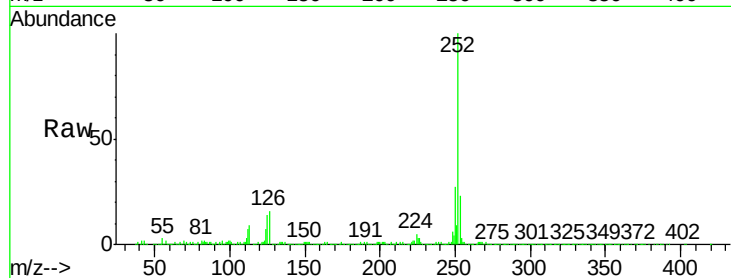
Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

Tgt Ion:252 Resp: 2562914

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.4	8.9	13.3#



#89

Benzo(a)pyrene

Concen: 135.76 ng

RT: 15.40 min Scan# 1165

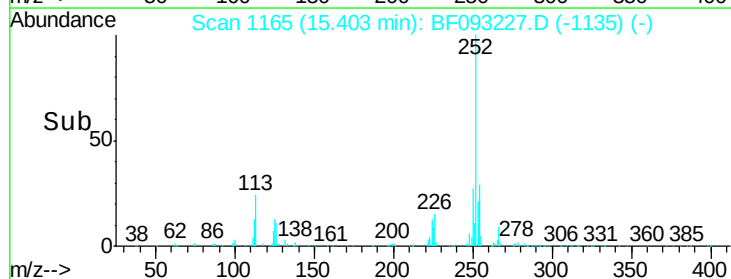
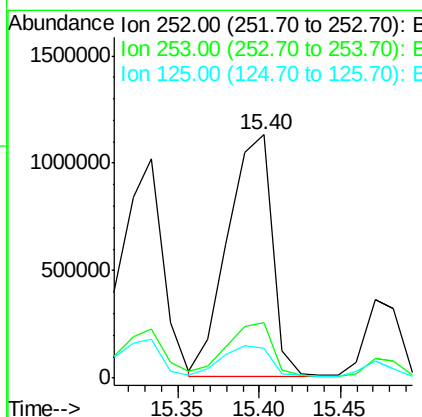
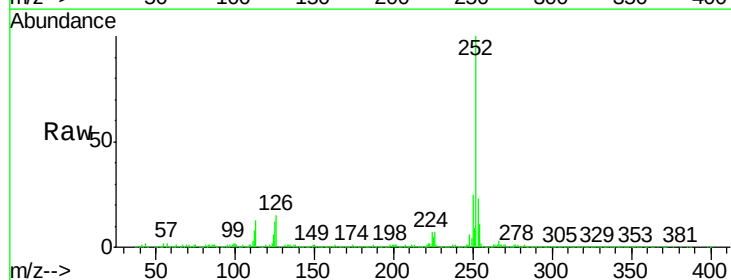
Delta R.T. 0.05 min

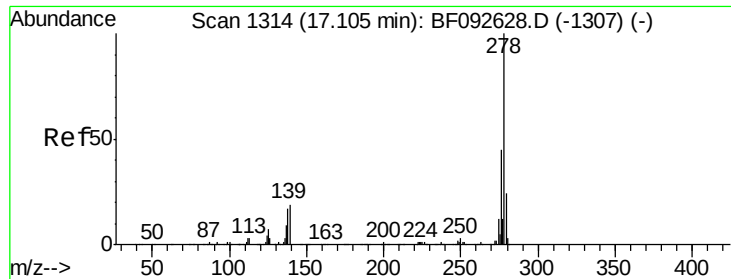
Lab File: BF093227.D

Acq: 28 Feb 2017 1:42

Tgt Ion:252 Resp: 2113587

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.2	10.0	15.0



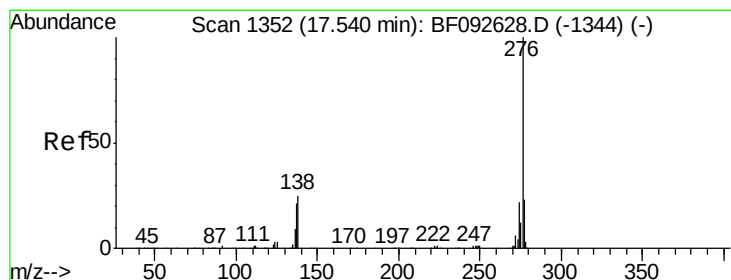
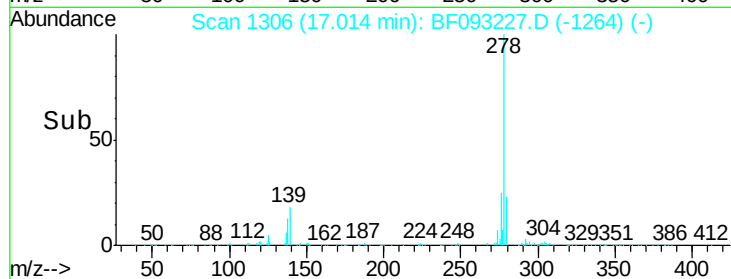
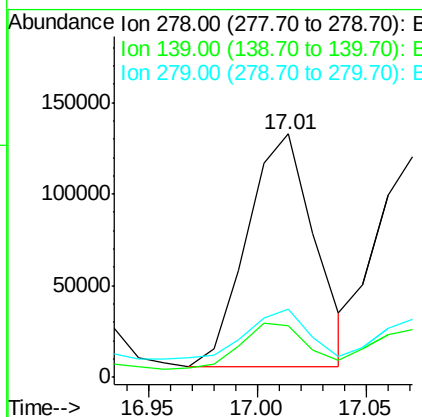
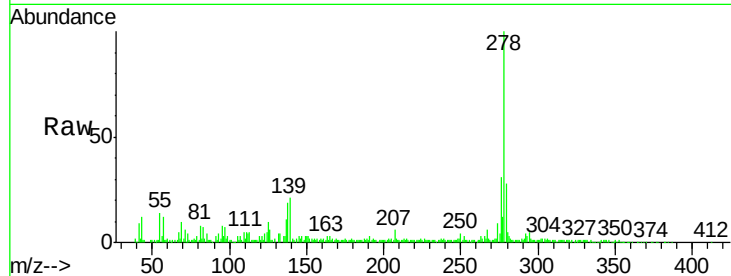


#90
Dibenzo(a,h)anthracene
Concen: 21.84 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.18 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASE

Tgt Ion: 278 Resp: 274810

Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.8	22.2
279	27.9	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 135.00 ng
RT: 17.31 min Scan# 1332
Delta R.T. 0.07 min
Lab File: BF093227.D
Acq: 28 Feb 2017 1:42

Tgt Ion: 276 Resp: 1715979

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	28.8	16.0	24.0

