

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102517.D
 Acq On : 27 Jan 2018 18:26
 Operator : SJ/JU
 Sample : J1320-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1WC-1

Quant Time: Jan 27 21:00:36 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

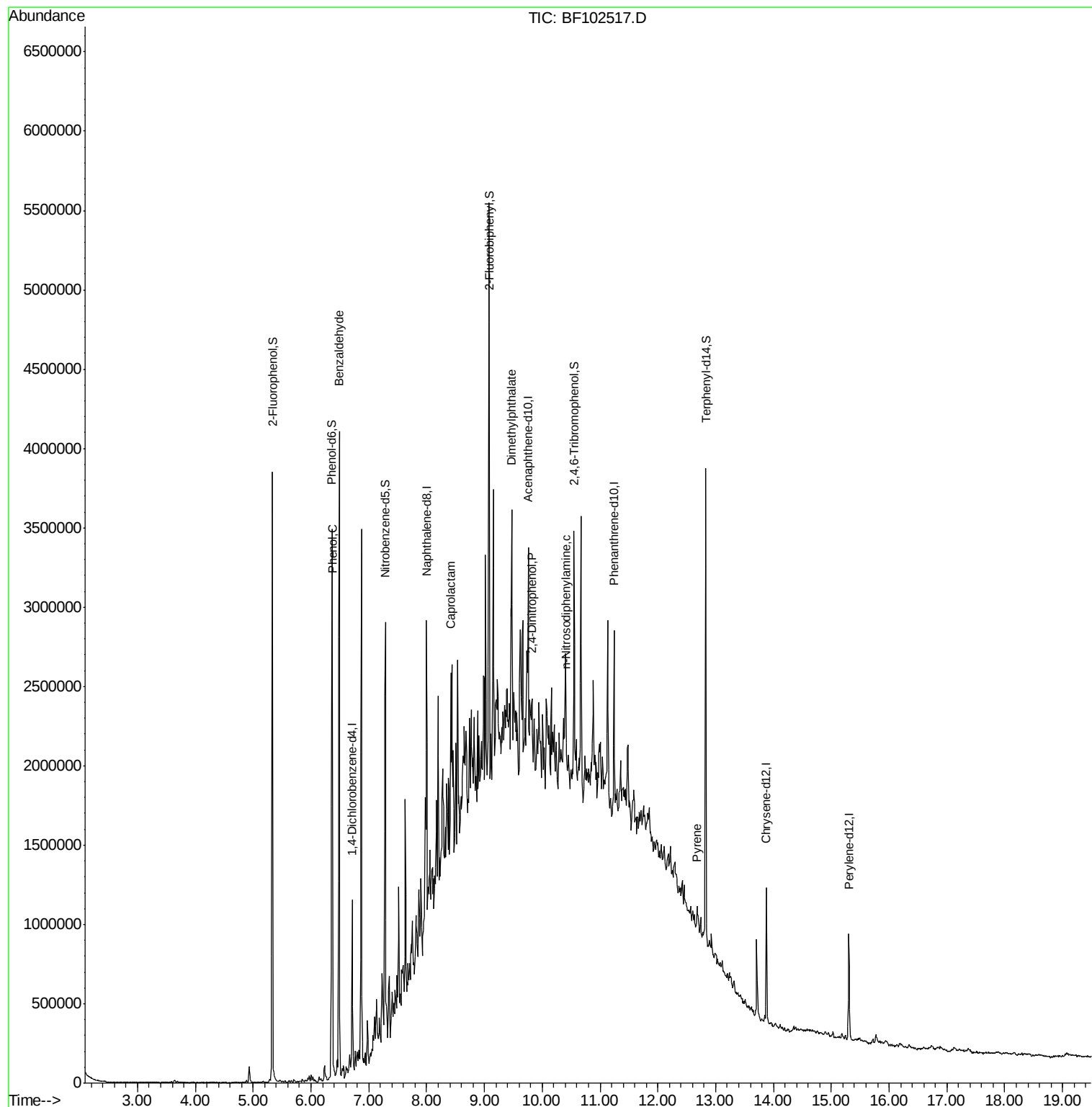
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165985	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	621869	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	260233	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	414766	20.00	ng	0.00
75) Chrysene-d12	13.87	240	294217	20.00	ng	0.00
86) Perylene-d12	15.30	264	286014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1236025	112.91	ng	0.01
7) Phenol-d6	6.36	99	1511624	114.54	ng	0.00
23) Nitrobenzene-d5	7.29	82	907954	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	260026	100.84	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1433696	81.01	ng	0.00
78) Terphenyl-d14	12.83	244	1144415	87.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	27345	2.979	ng	84
10) Phenol	6.37	94	52797	3.664	ng	97
35) Caprolactam	8.42	113	27218	9.560	ng	# 1
49) Dimethylphthalate	9.47	163	112616	5.236	ng	# 92
53) 2,4-Dinitrophenol	9.82	184	487	3.919	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	55085	3.618	ng	# 53
77) Pyrene	12.68	202	78435	3.448	ng	96

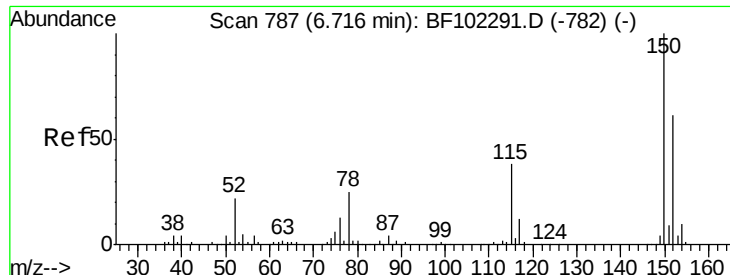
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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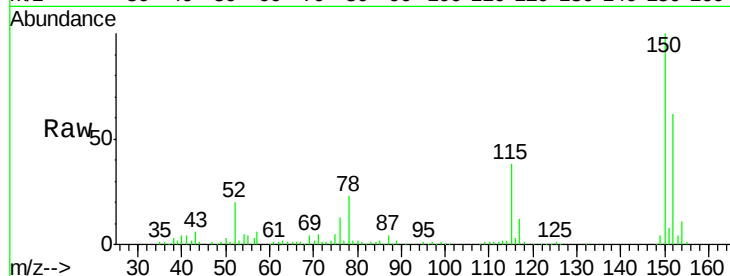


#1

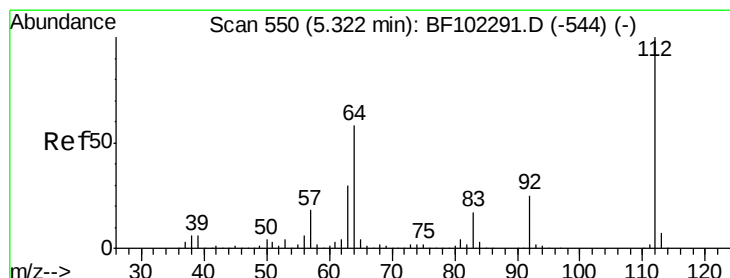
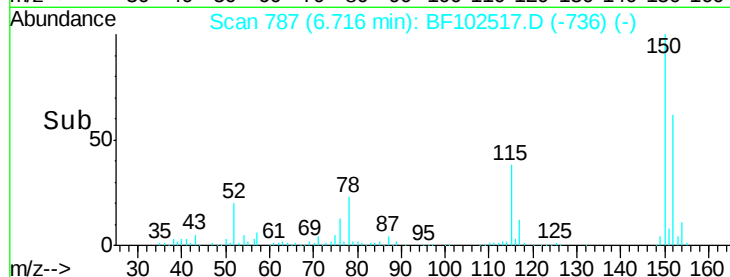
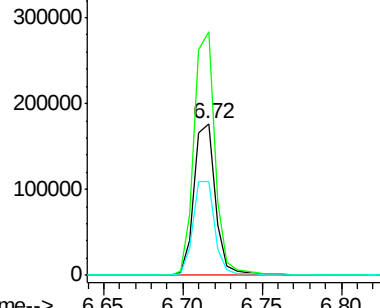
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

Instrument :
BNA_F
ClientSampleId :
T1WC-1

Tgt Ion:152 Resp: 165985
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 61.6 50.1 75.1



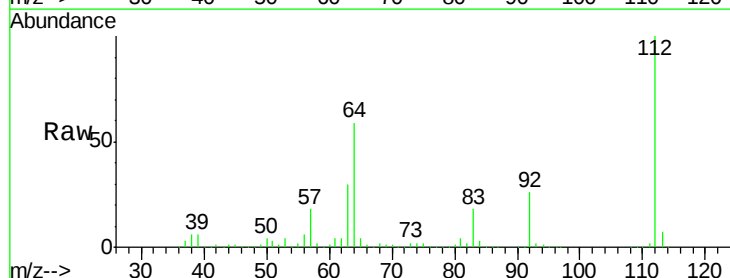
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



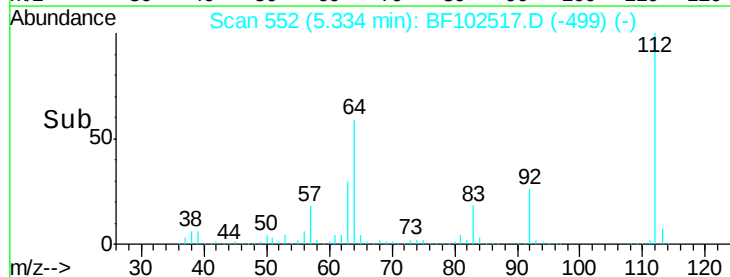
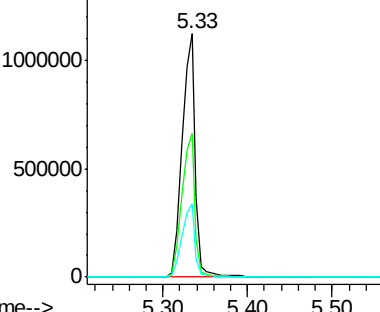
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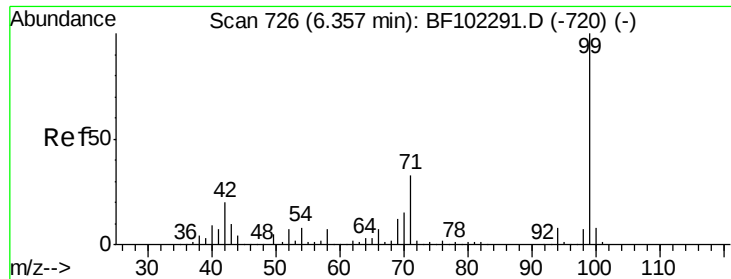
2-Fluorophenol
Concen: 112.910 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

Tgt Ion:112 Resp: 1236025
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.538 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

Instrument :

BNA_F

ClientSampleId :

T1WC-1

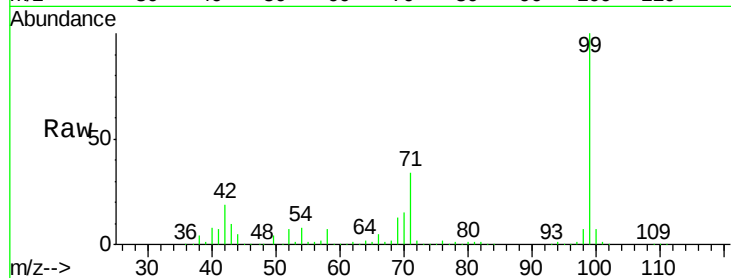
Tgt Ion: 99 Resp: 1511624

Ion Ratio Lower Upper

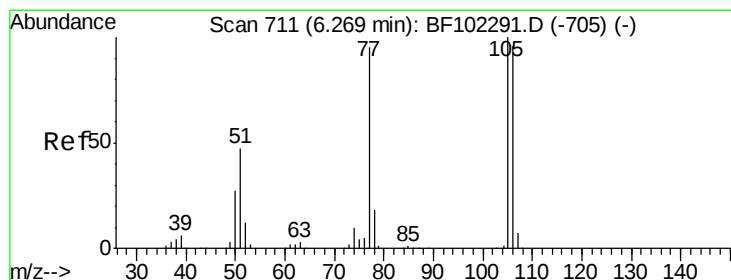
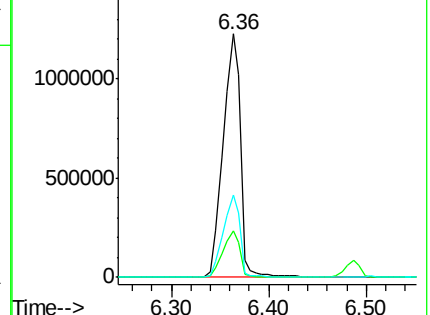
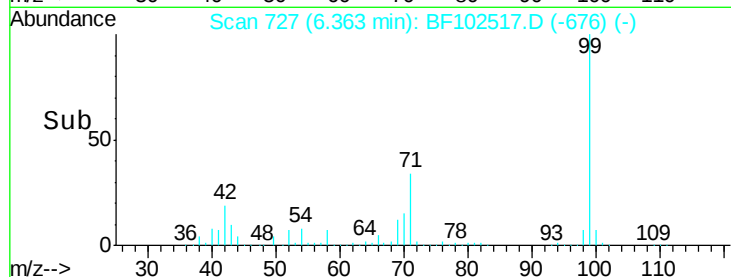
99 100

42 19.2 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.979 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

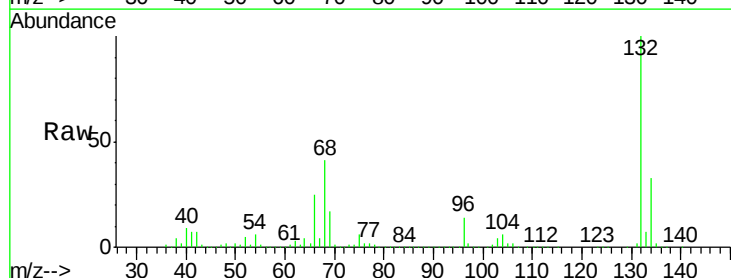
Tgt Ion: 77 Resp: 27345

Ion Ratio Lower Upper

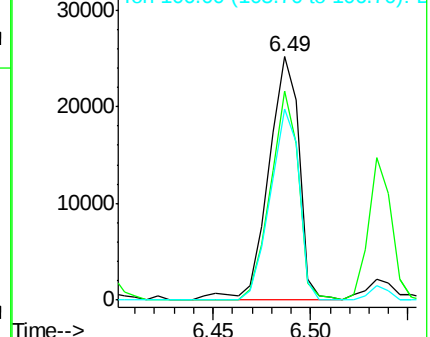
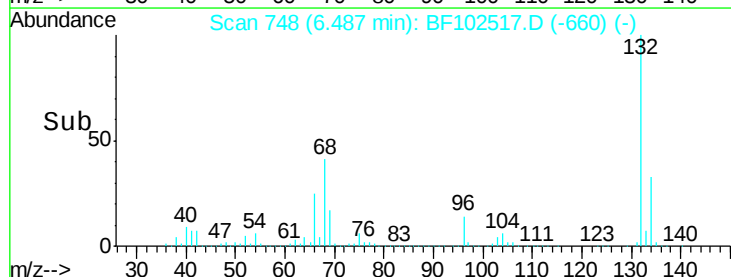
77 100

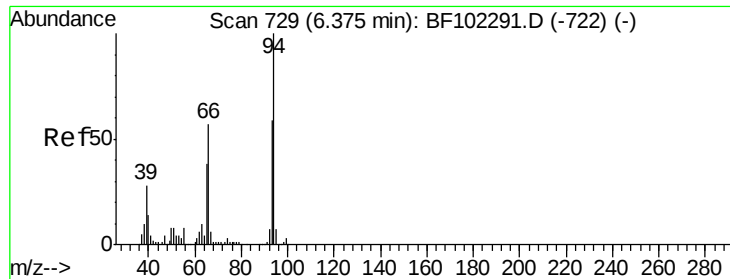
105 85.8 81.1 121.1

106 78.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.664 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

Instrument :

BNA_F

ClientSampleId :

T1WC-1

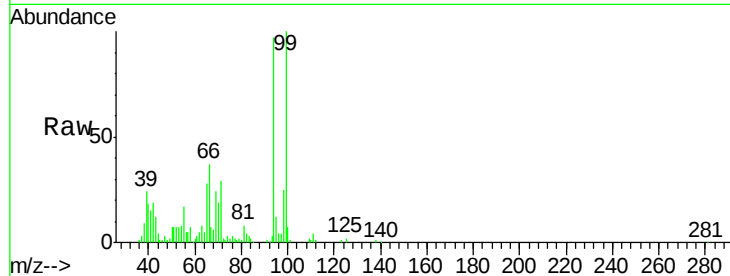
Tgt Ion: 94 Resp: 52797

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

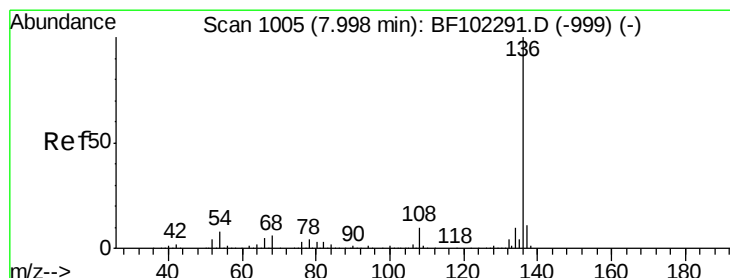
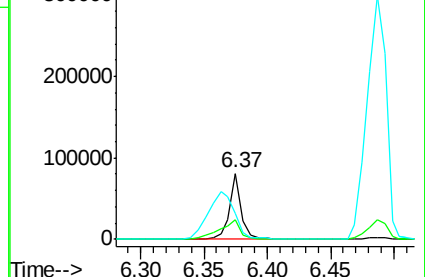
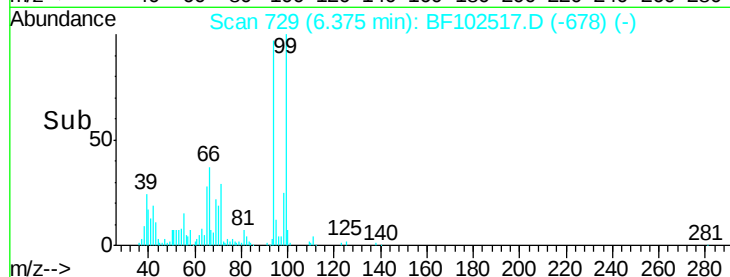
66 38.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

Tgt Ion: 136 Resp: 621869

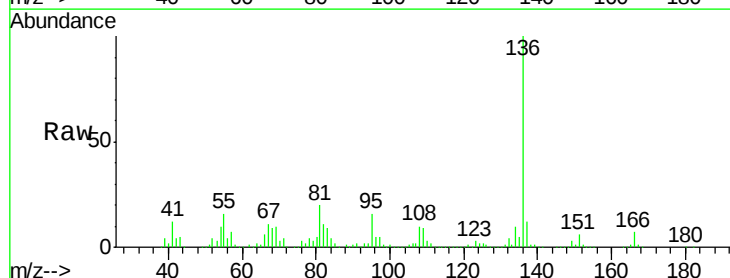
Ion Ratio Lower Upper

136 100

137 12.5 8.9 13.3

54 10.3 6.6 9.8#

68 8.6 5.0 7.4#

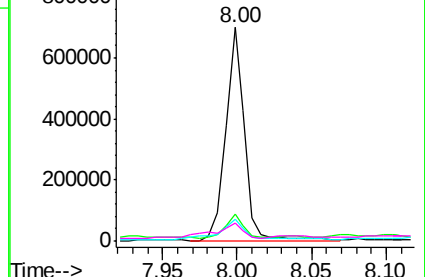
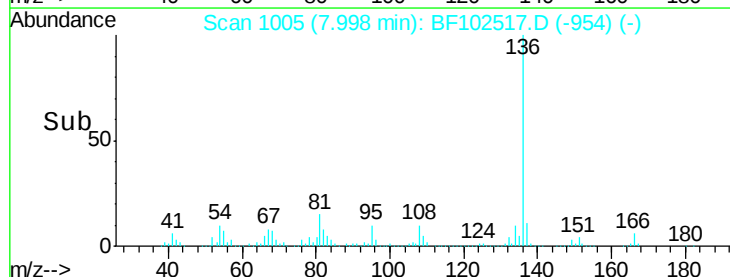


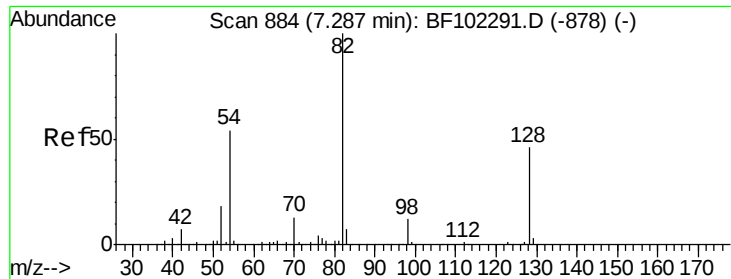
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

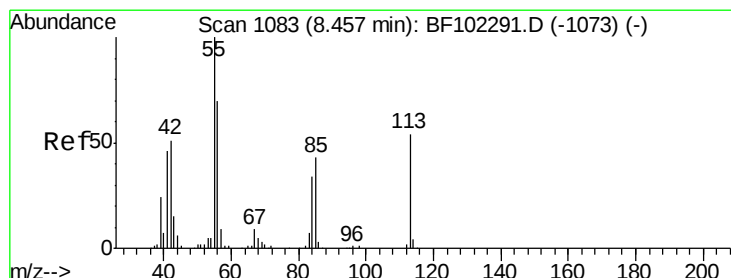
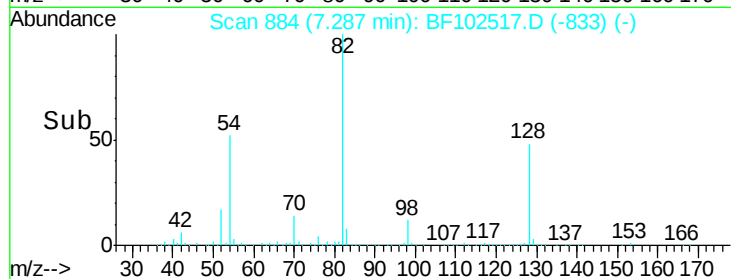
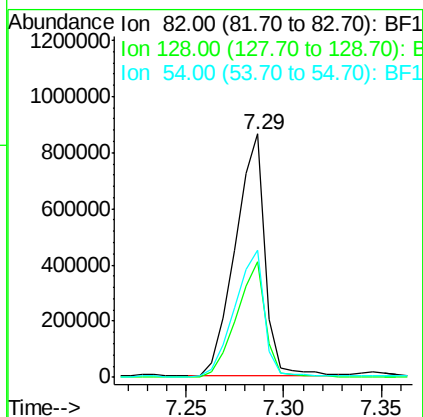
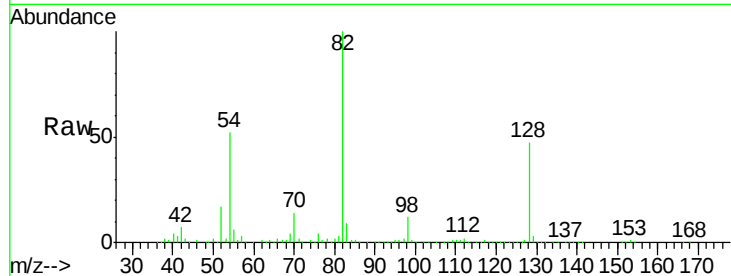




#23
 Nitrobenzene-d5
 Concen: 83.904 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102517.D
 Acq: 27 Jan 2018 18:26

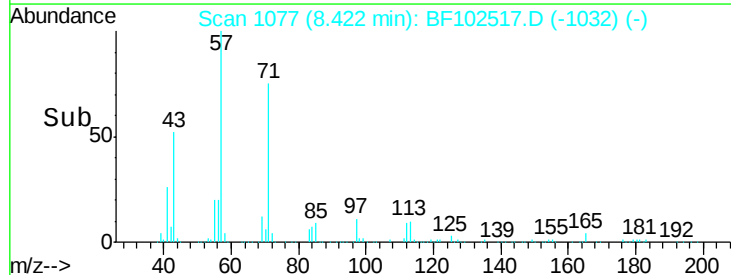
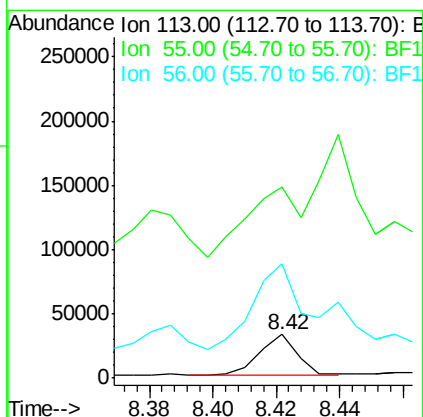
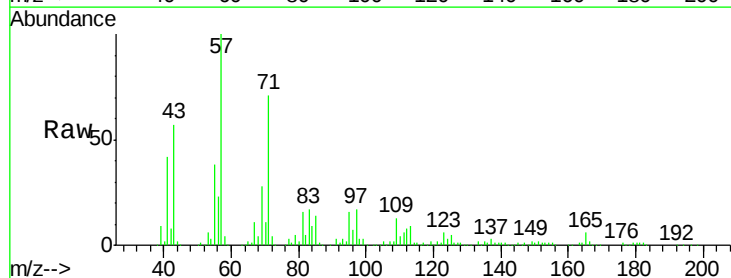
Instrument :
 BNA_F
 ClientSampleId :
 T1WC-1

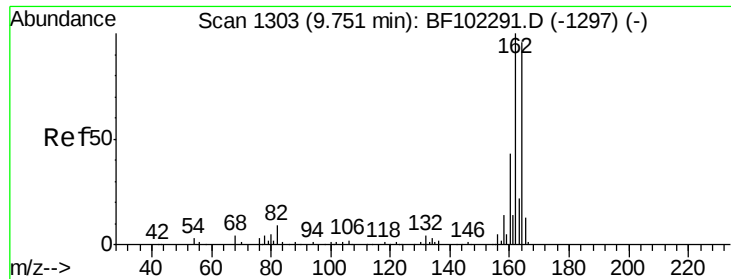
Tgt Ion: 82 Resp: 907954
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 52.2 41.4 62.2



#35
 Caprolactam
 Concen: 9.560 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF102517.D
 Acq: 27 Jan 2018 18:26

Tgt Ion: 113 Resp: 27218
 Ion Ratio Lower Upper
 113 100
 55 437.1 163.3 203.3#
 56 262.7 115.7 155.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

Instrument :

BNA_F

ClientSampleId :

T1WC-1

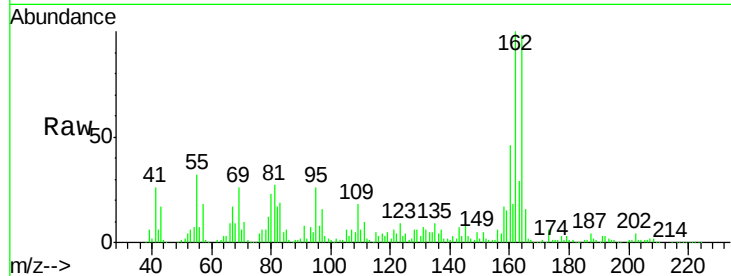
Tgt Ion:164 Resp: 260233

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

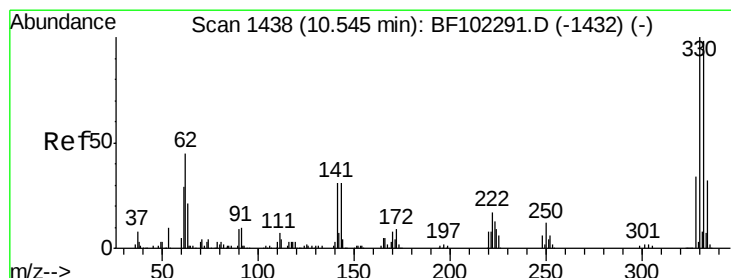
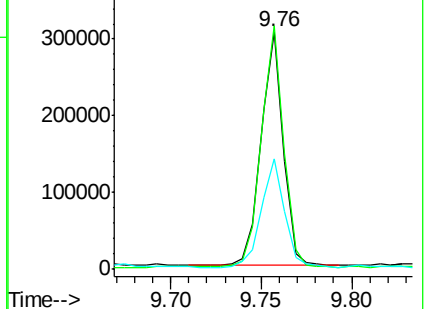
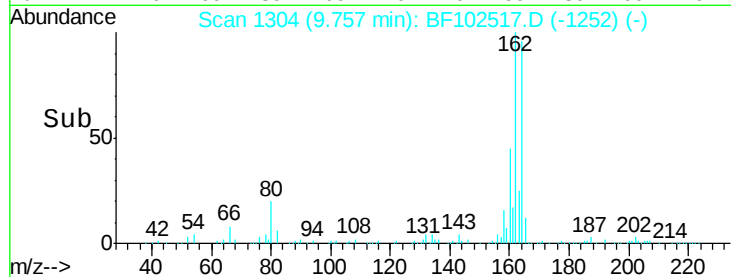
160 46.7 38.3 57.5



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: 100.843 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

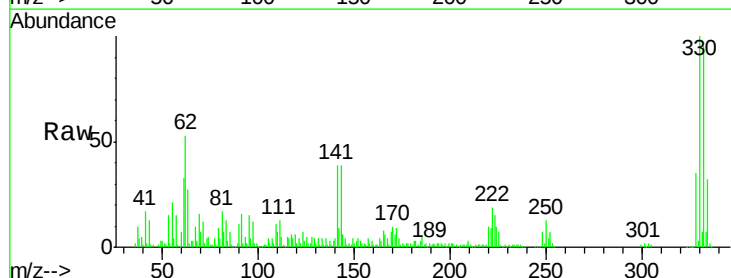
Tgt Ion:330 Resp: 260026

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

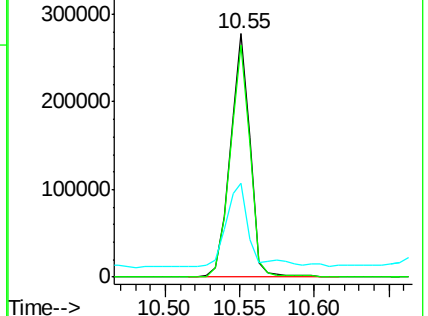
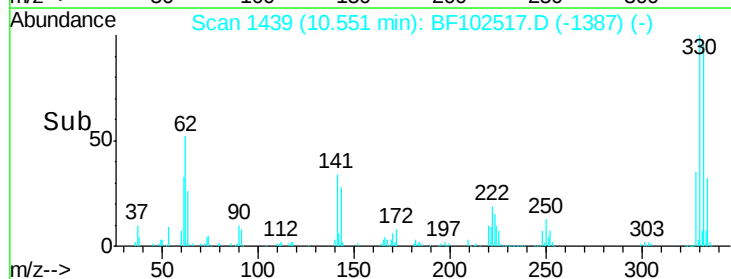
141 39.3 29.9 44.9

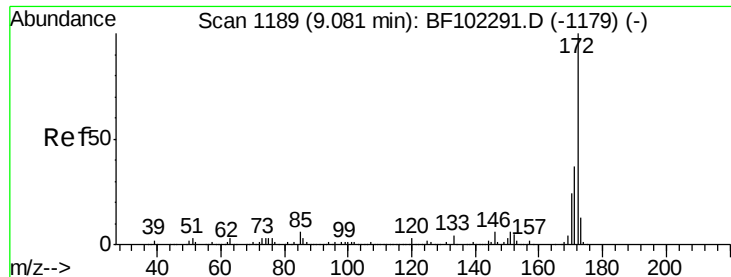


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

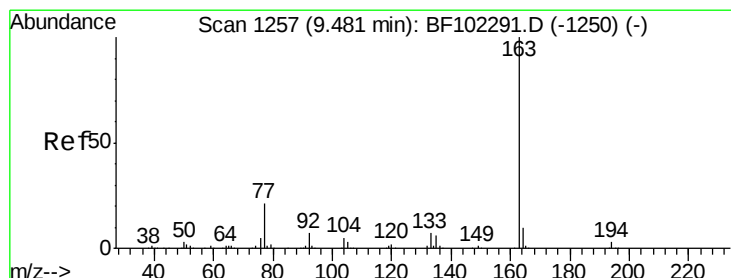
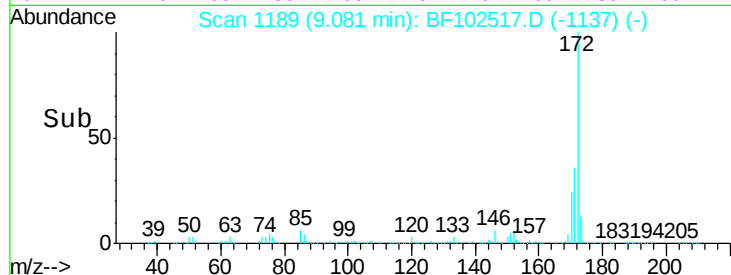
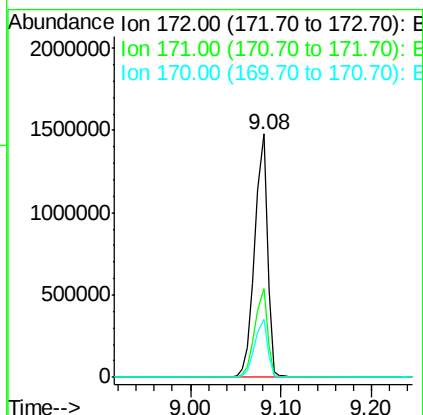
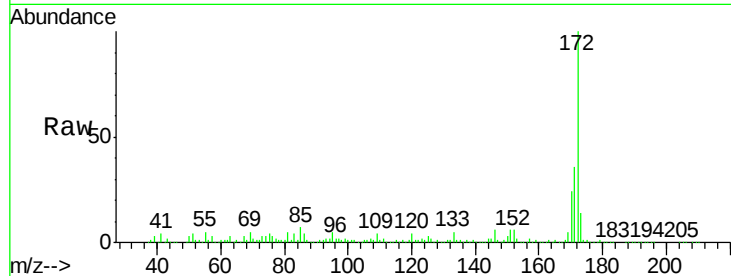




#44
 2-Fluorobiphenyl
 Concen: 81.006 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF102517.D
 Acq: 27 Jan 2018 18:26

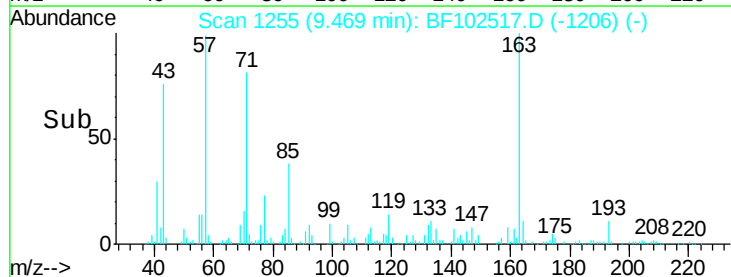
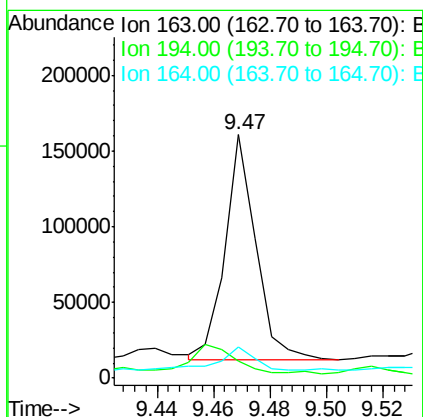
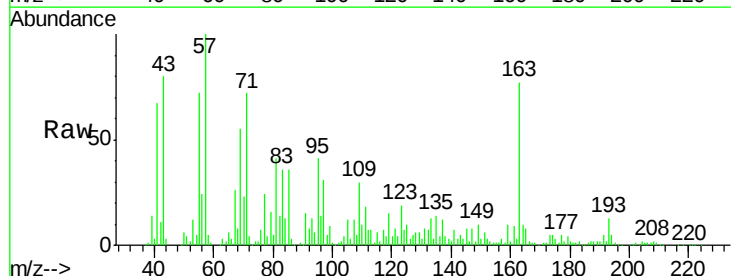
Instrument :
 BNA_F
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 T1WC-1

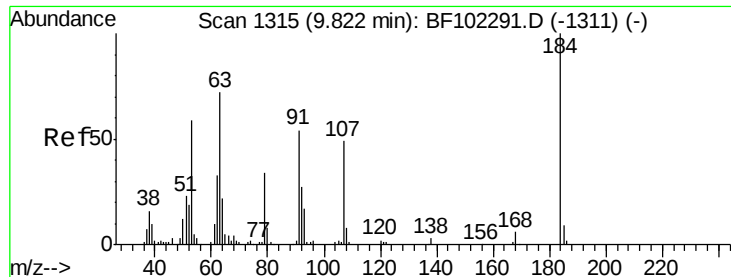
Tgt Ion:172 Resp: 1433696
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 5.236 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102517.D
 Acq: 27 Jan 2018 18:26

Tgt Ion:163 Resp: 112616
 Ion Ratio Lower Upper
 163 100
 194 6.8 2.7 4.1#
 164 12.7 8.2 12.2#

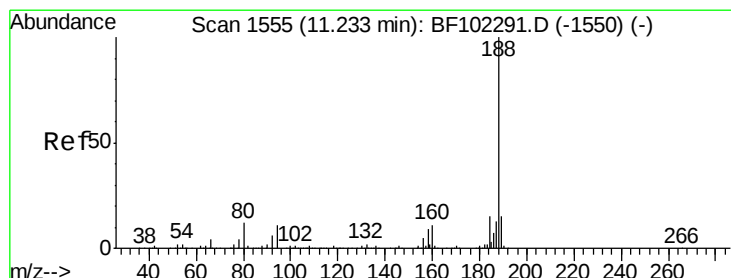
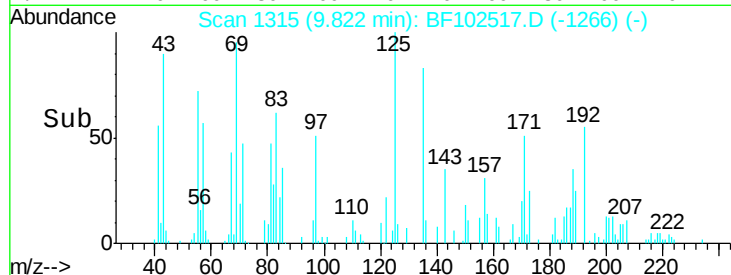
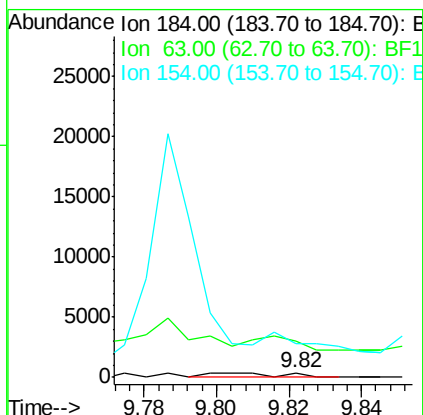
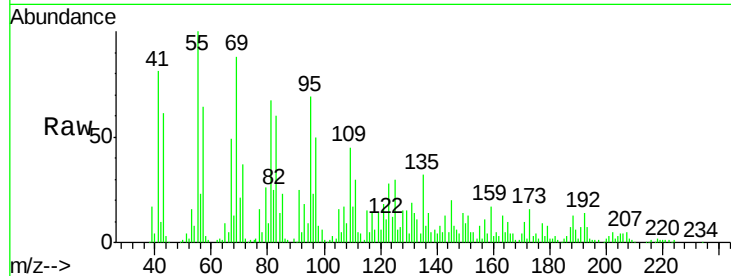




#53
2,4-Dinitrophenol
Concen: 3.919 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

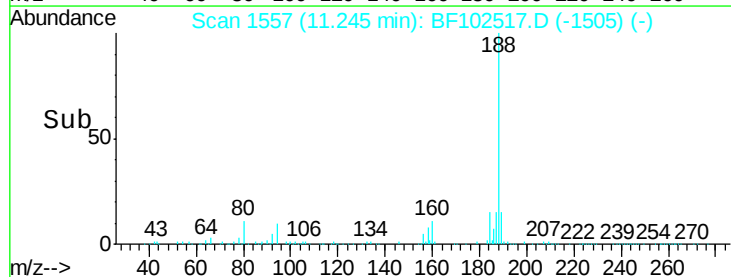
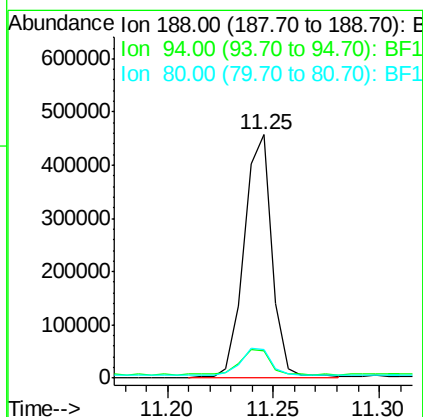
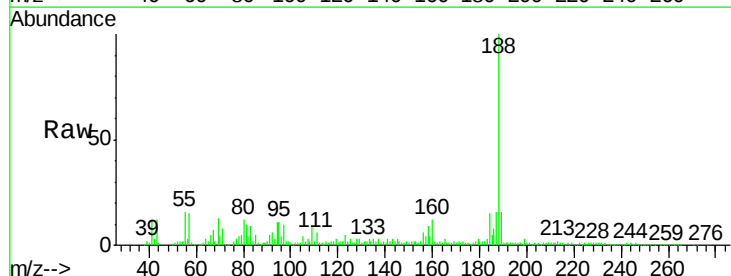
Instrument :
BNA_F
ClientSampled :
T1WC-1

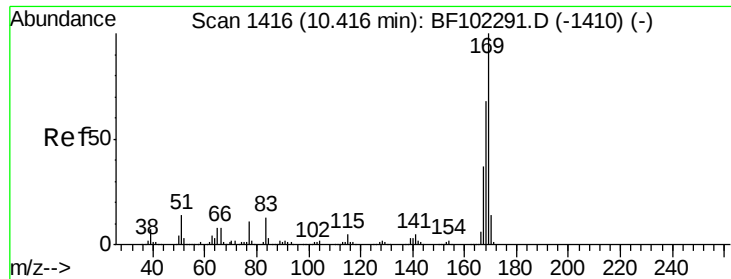
Tgt Ion:184 Resp: 487
Ion Ratio Lower Upper
184 100
63 844.0 54.2 81.2#
154 777.4 184.0 276.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

Tgt Ion:188 Resp: 414766
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8





#65

n-Nitrosodiphenylamine

Concen: 3.618 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

Instrument :

BNA_F

ClientSampled :

T1WC-1

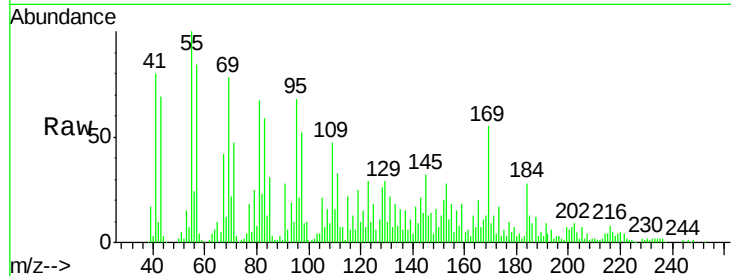
Tgt Ion:169 Resp: 55085

Ion Ratio Lower Upper

169 100

168 22.8 54.4 81.6#

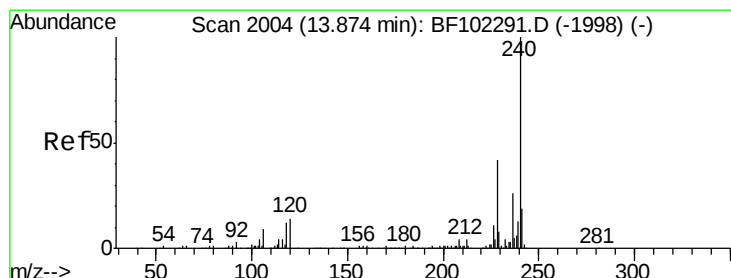
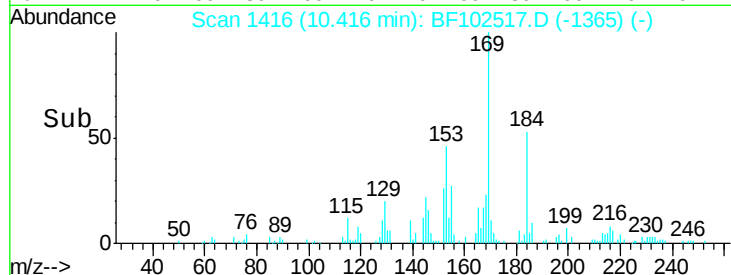
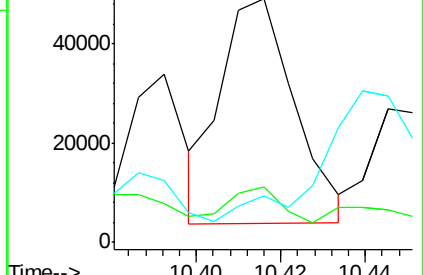
167 19.1 29.8 44.6#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102517.D

Acq: 27 Jan 2018 18:26

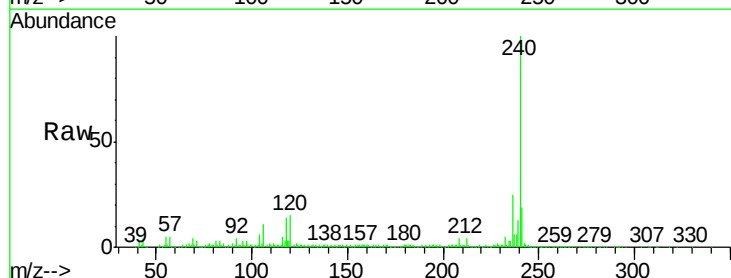
Tgt Ion:240 Resp: 294217

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

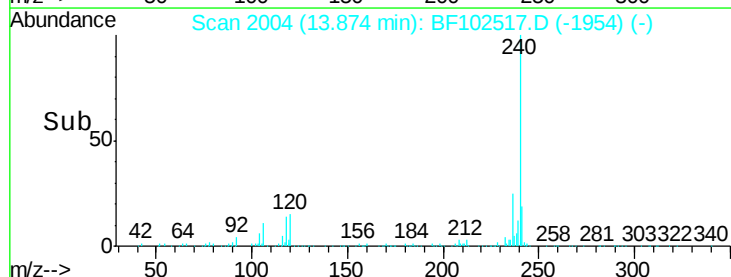
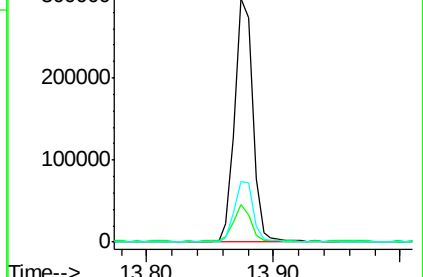
236 25.0 20.7 31.1

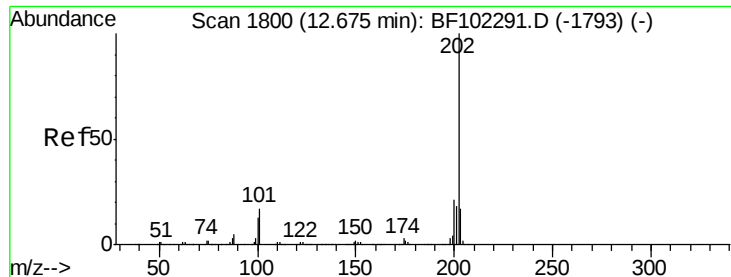


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

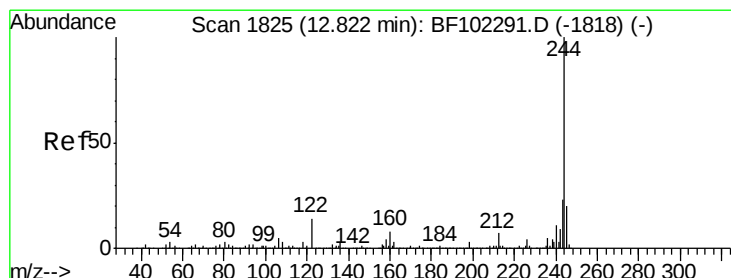
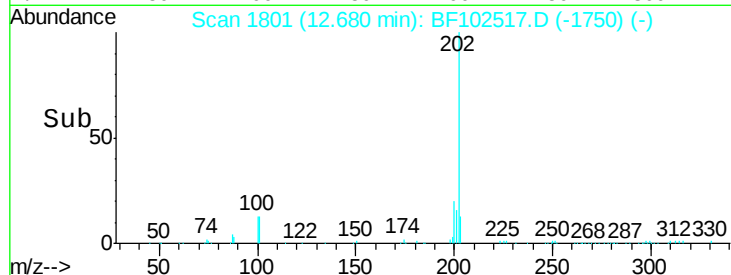
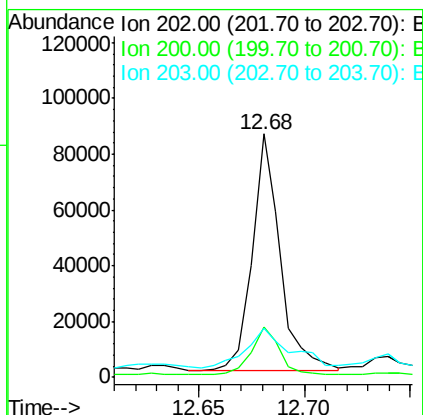
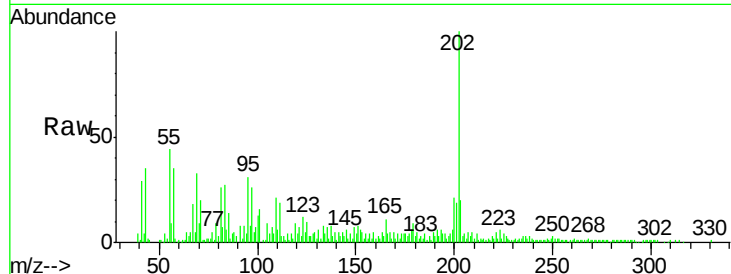




#77
Pyrene
Concen: 3.448 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

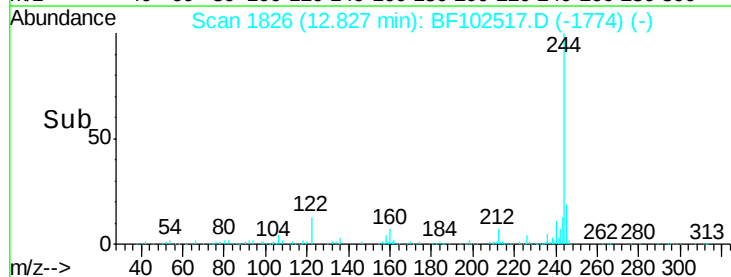
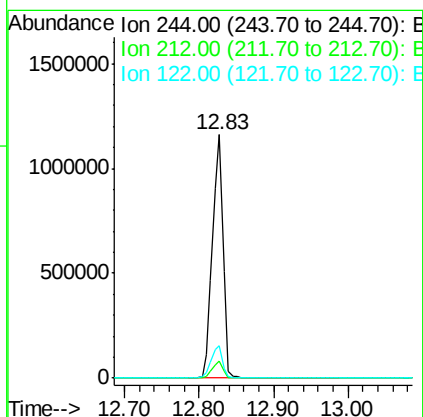
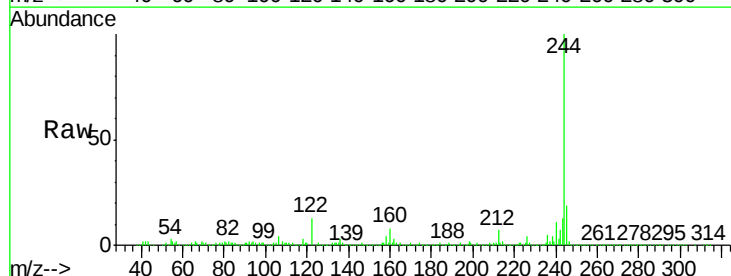
Instrument :
BNA_F
ClientSampleId :
T1WC-1

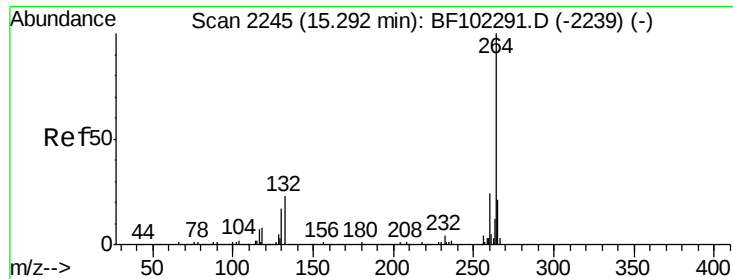
Tgt Ion: 202 Resp: 78435
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 20.4 14.3 21.5



#78
Terphenyl-d14
Concen: 87.688 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

Tgt Ion: 244 Resp: 1144415
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.2 11.0 16.4



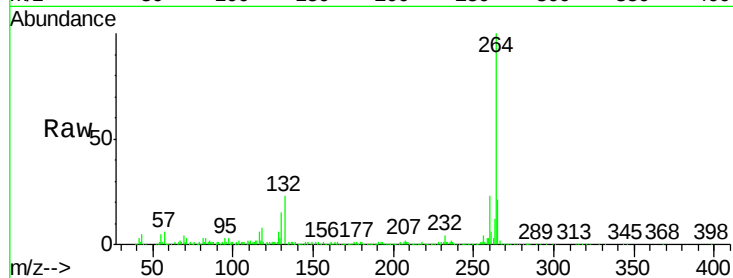


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102517.D
Acq: 27 Jan 2018 18:26

Instrument :
BNA_F
ClientSampleId :
T1WC-1

Tgt Ion: 264 Resp: 286014

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

