

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102034.D
 Acq On : 11 Jan 2018 22:21
 Operator : SJ/JU
 Sample : J1088-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Quant Time: Jan 11 23:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

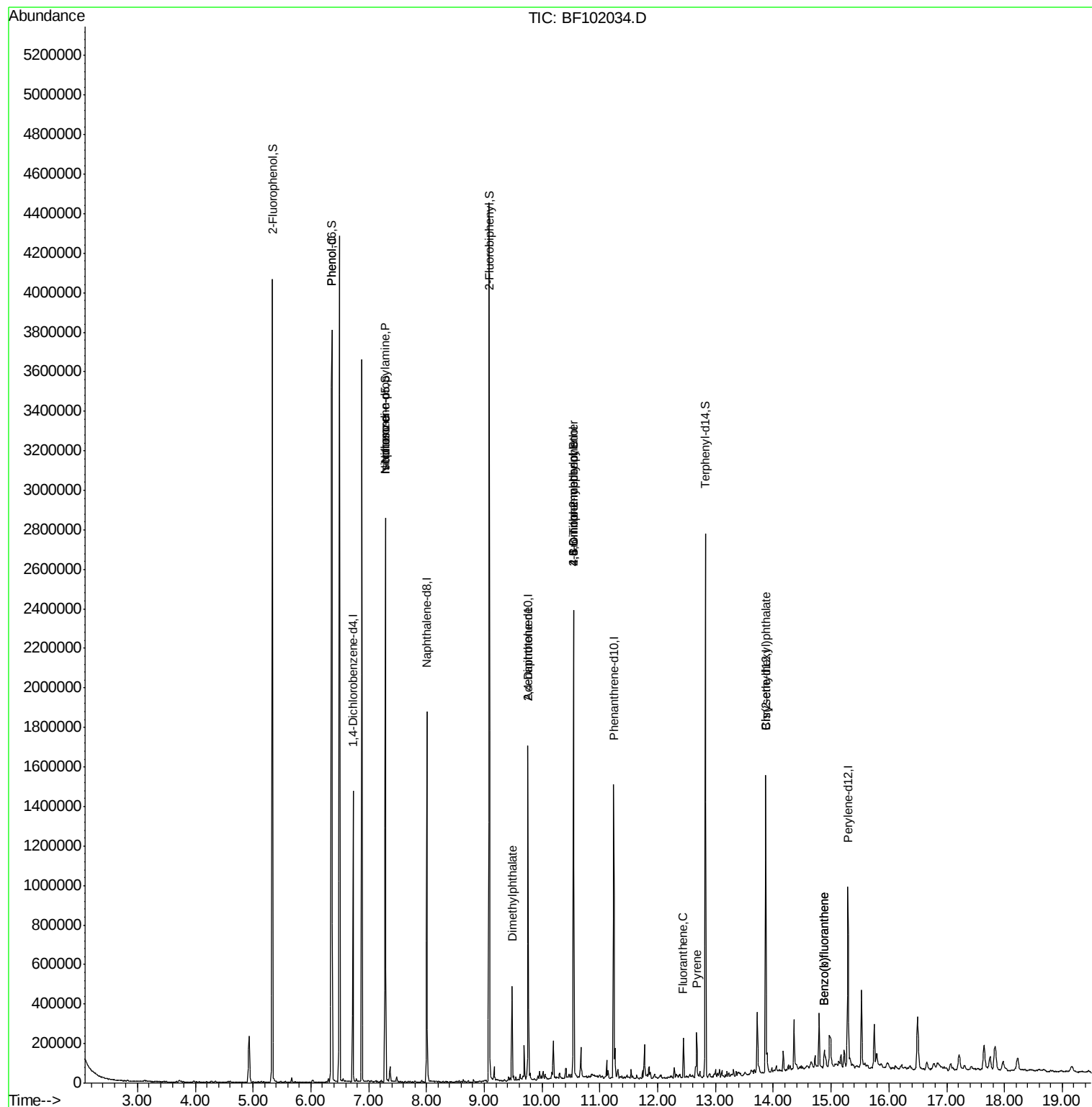
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	206576	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	807553	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	324759	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	470979	20.00	ng	0.00
75) Chrysene-d12	13.87	240	329621	20.00	ng	0.00
86) Perylene-d12	15.29	264	379799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1243874	85.03	ng	0.00
7) Phenol-d6	6.36	99	1468394	84.13	ng	0.00
23) Nitrobenzene-d5	7.29	82	907907	66.07	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	253452	89.43	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1407488	67.71	ng	0.00
78) Terphenyl-d14	12.83	244	864150	54.43	ng	0.00
Target Compounds						
10) Phenol	6.37	94	73350	3.719	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	120943	10.574	ng	# 84
25) Isophorone	7.29	82	908049	33.441	ng	# 64
49) Dimethylphthalate	9.48	163	174422	6.695	ng	100
56) 2,4-Dinitrotoluene	9.76	165	41841	6.415	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	635	5.881	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15651	3.147	ng	# 1
74) Fluoranthene	12.44	202	73066	2.699	ng	97
77) Pyrene	12.67	202	78201	2.684	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	173976	11.342	ng	# 98
87) Benzo(b)fluoranthene	14.89	252	61620	2.488	ng	# 93
88) Benzo(k)fluoranthene	14.89	252	61620	2.579	ng	# 95

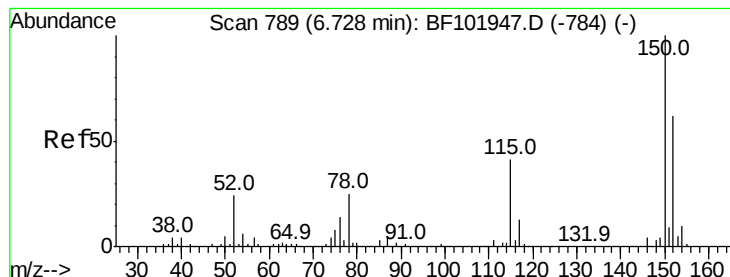
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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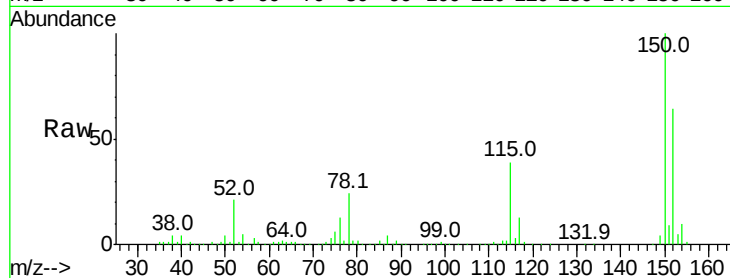


#1

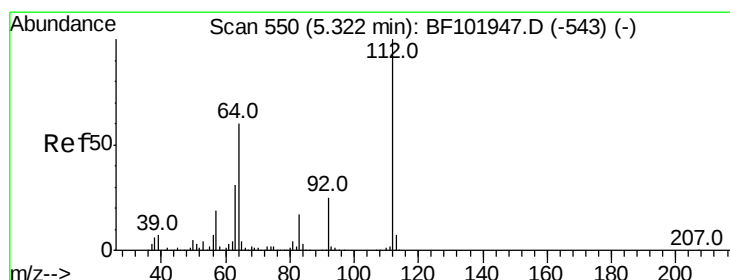
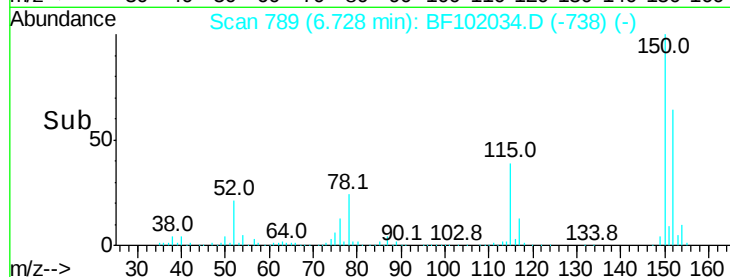
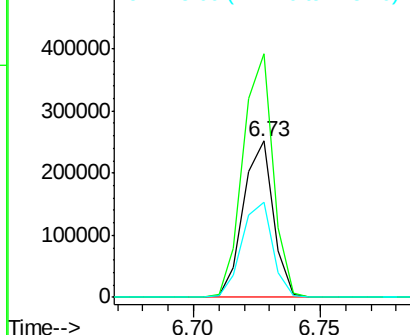
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-COMP

Tot Ion:152 Resp: 206576
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.1 50.1 75.1



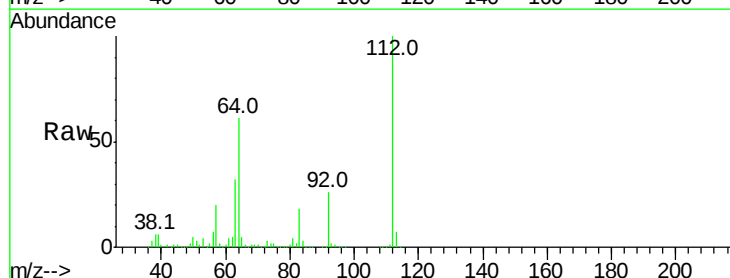
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



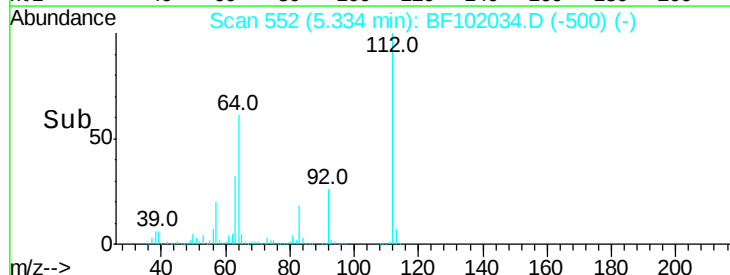
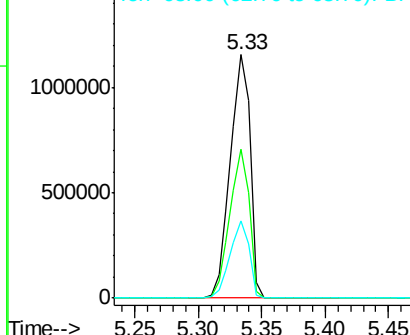
#5

2-Fluorophenol
Concen: 85.027 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Tgt Ion:112 Resp: 1243874
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.6 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: 84.129 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-COMP

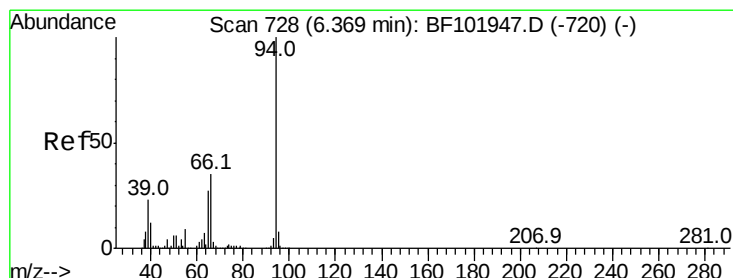
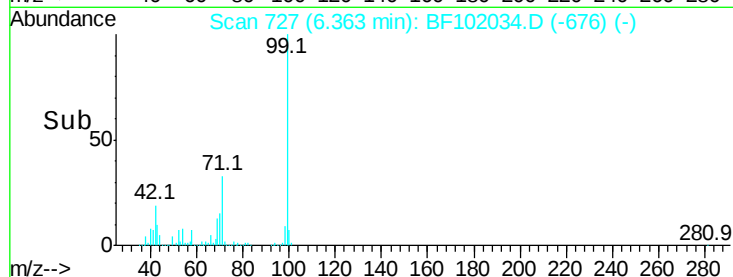
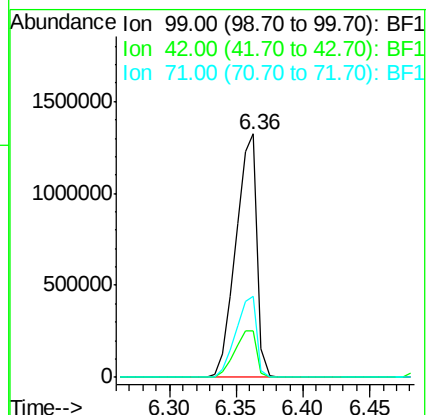
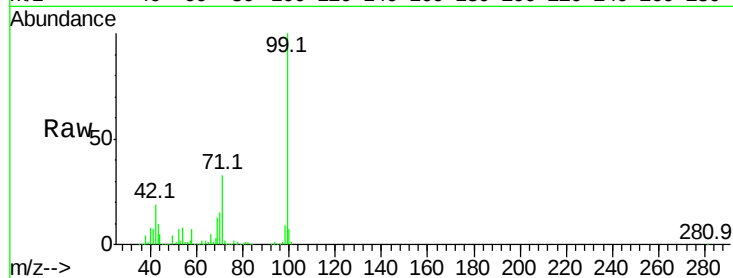
Tot Ion: 99 Resp: 1468394

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 3.719 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

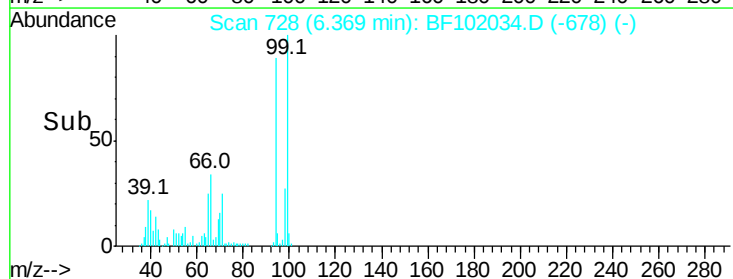
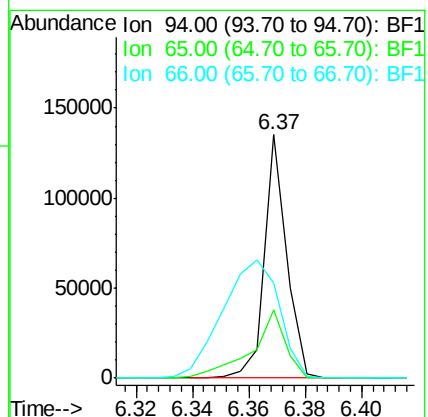
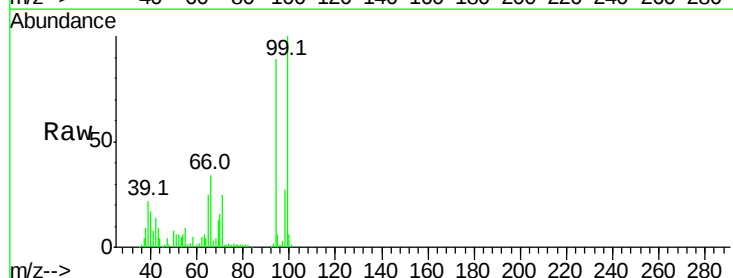
Tgt Ion: 94 Resp: 73350

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

66 38.9 16.2 56.2

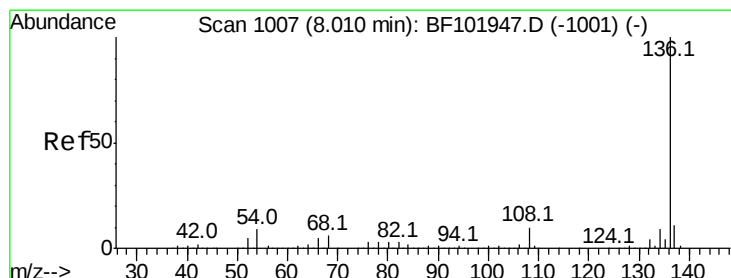
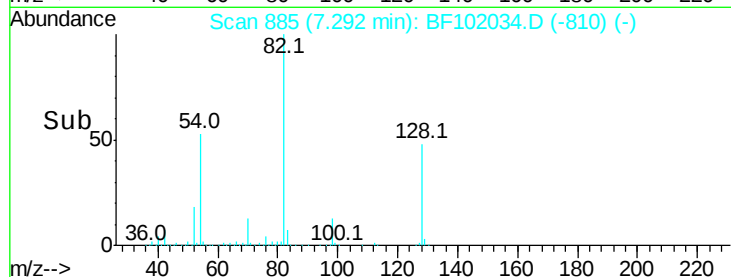
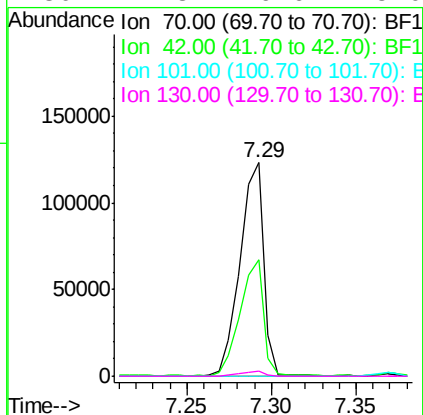
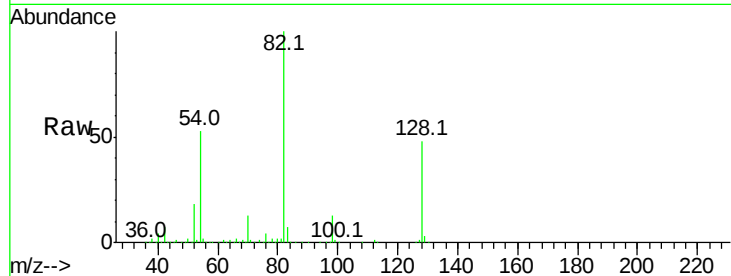




#19
n-Nitroso-di-n-propylamine
Concen: 10.574 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

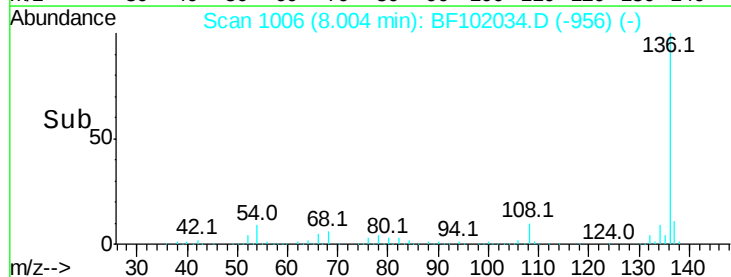
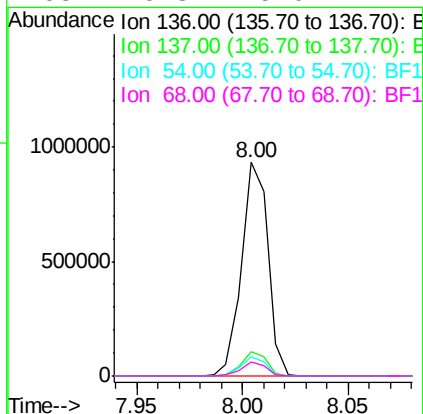
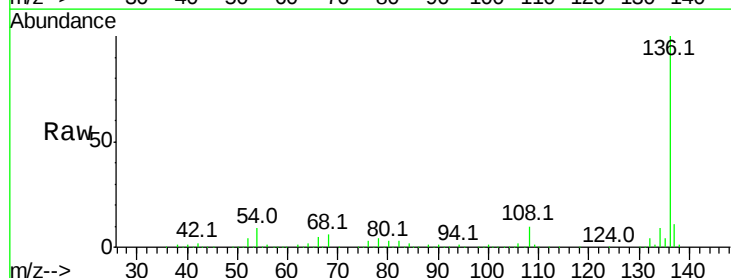
Instrument :
BNA_F
ClientSampleId :
TP-COMP

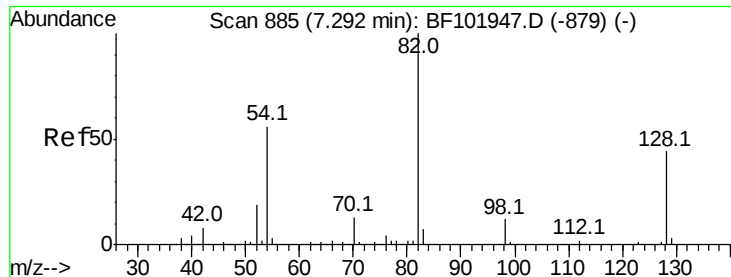
Tot Ion: 70 Resp: 120943
Ion Ratio Lower Upper
70 100
42 54.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Tgt Ion: 136 Resp: 807553
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.3 6.6 9.8
68 6.3 5.0 7.4

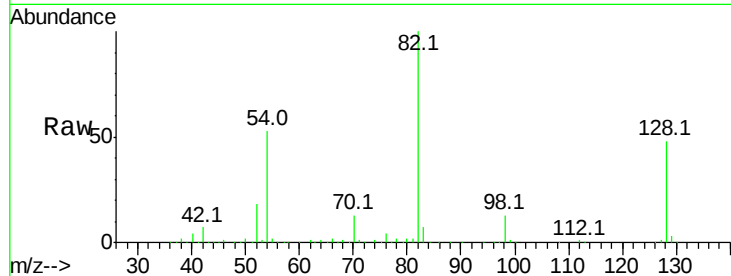




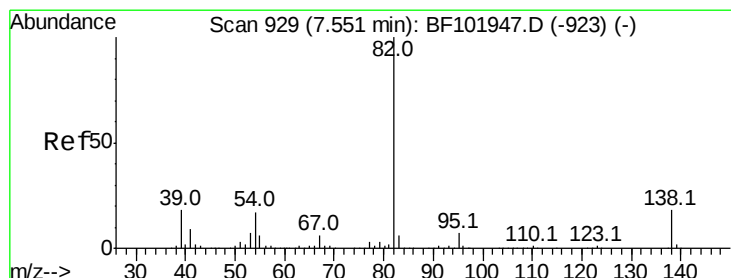
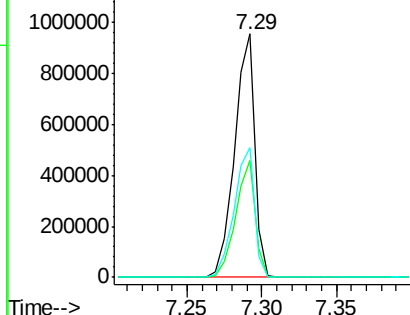
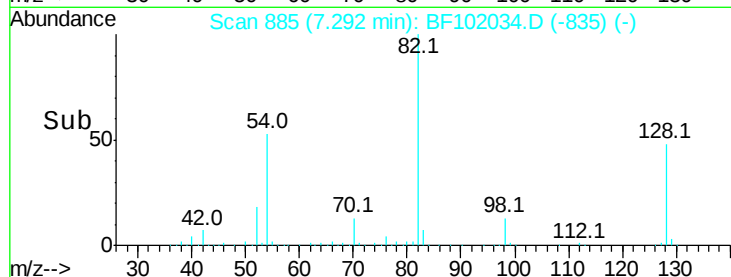
#23
 Nitrobenzene-d5
 Concen: 66.067 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion	82	Resp	907907
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	53.2	41.4	62.2

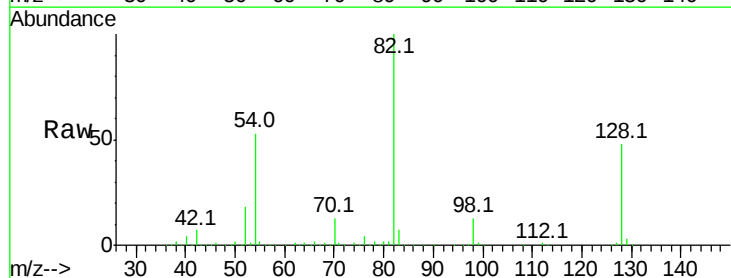


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

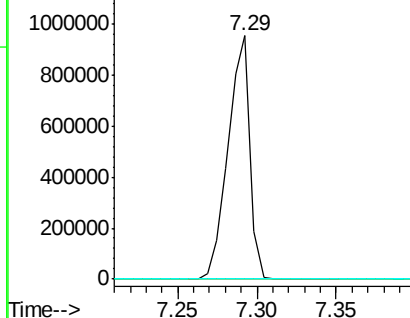
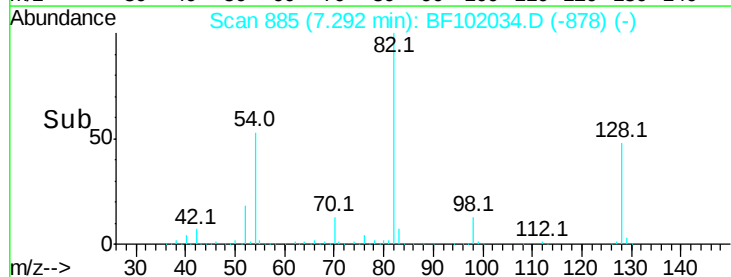


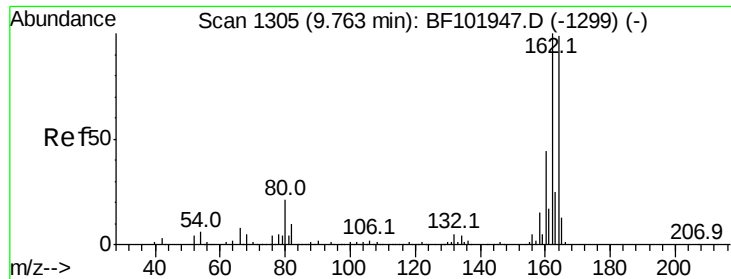
#25
 Isophorone
 Concen: 33.441 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Tgt Ion	82	Resp	908049
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

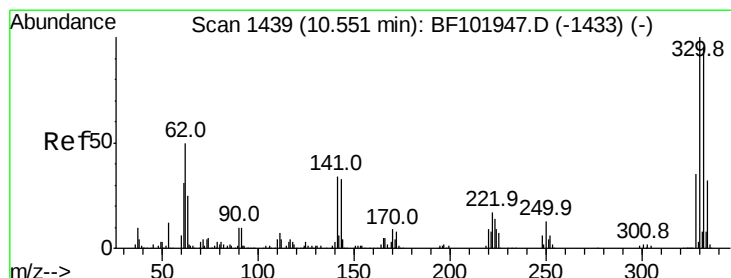
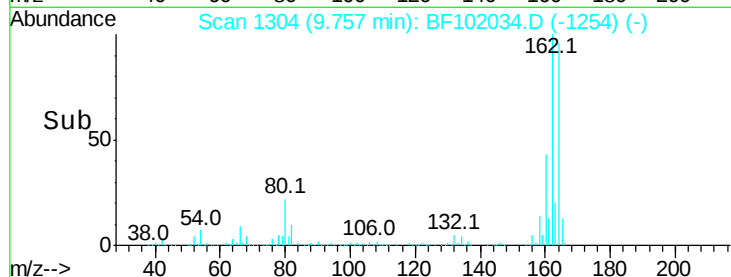
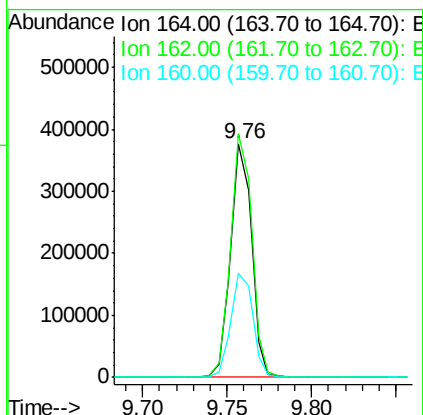
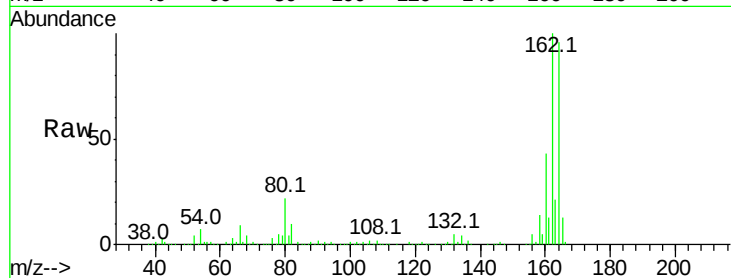




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

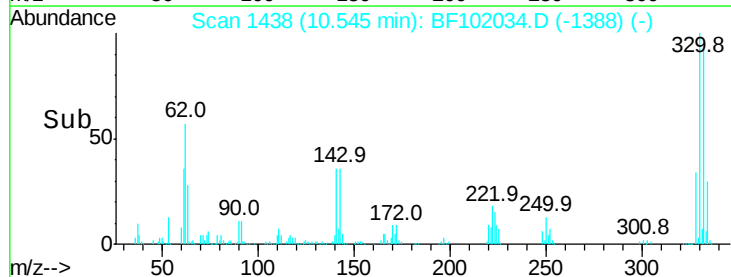
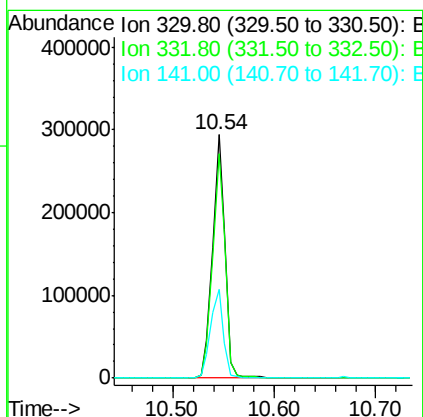
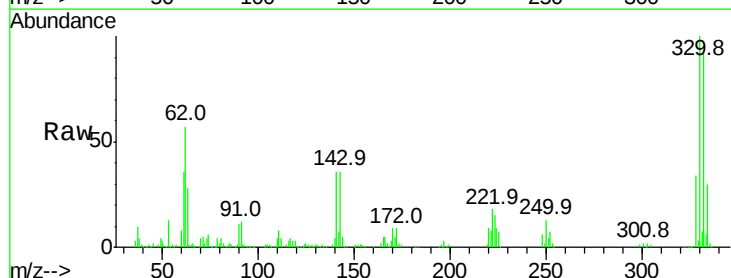
Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion:164 Resp: 324759
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 44.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.429 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Tgt Ion:330 Resp: 253452
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.0 115.6
 141 37.3 29.9 44.9

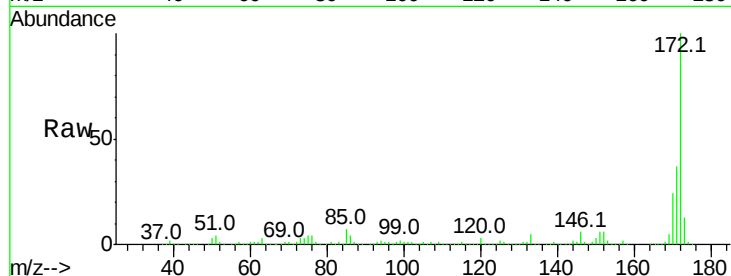




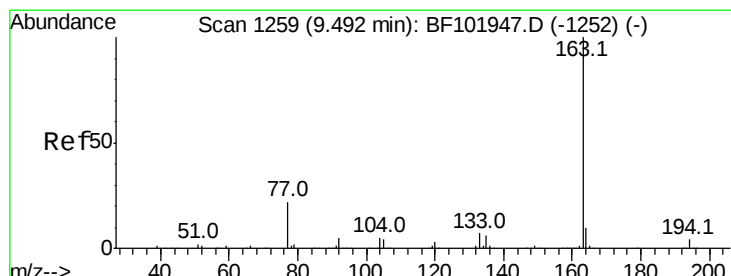
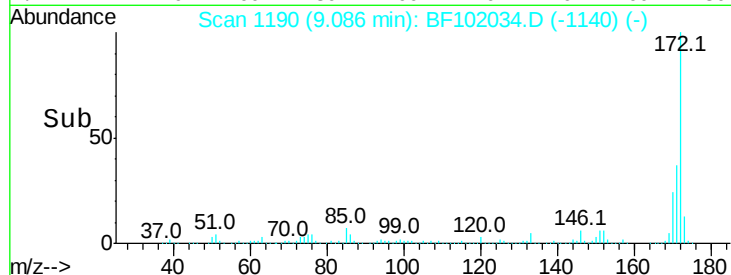
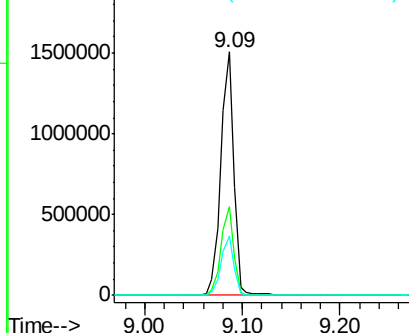
#44
2-Fluorobiphenyl
Concen: 67.708 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-COMP

Tot Ion:172 Resp: 1407488
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4

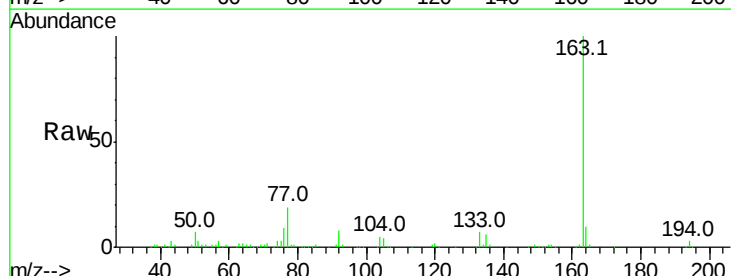


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

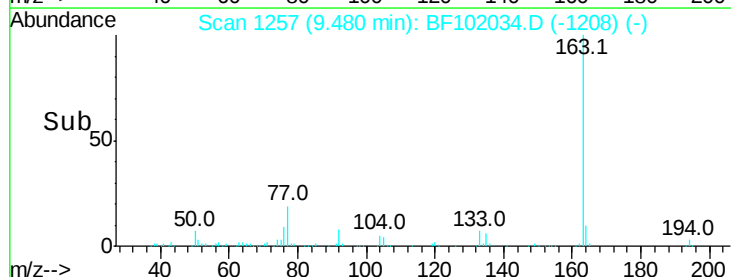
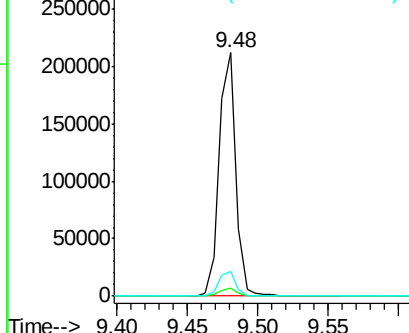


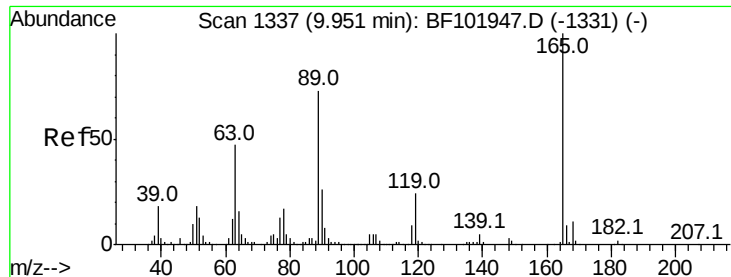
#49
Dimethylphthalate
Concen: 6.695 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Tgt Ion:163 Resp: 174422
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2



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

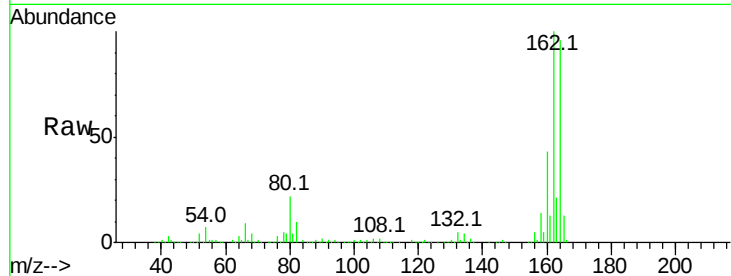




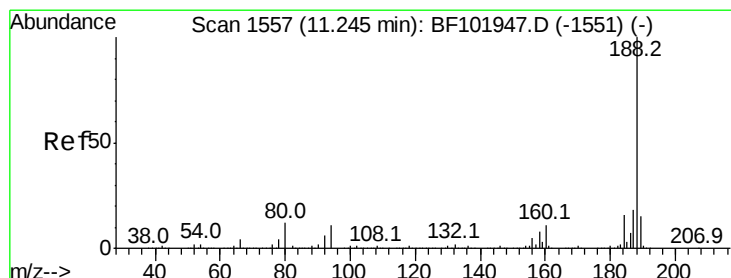
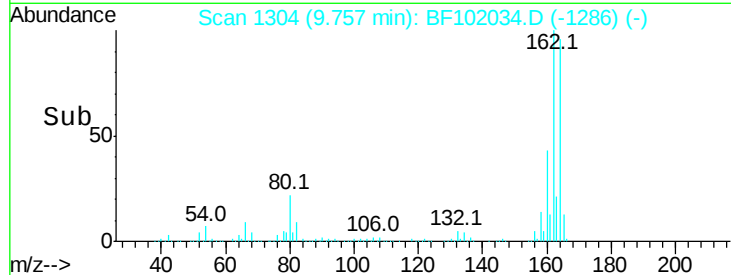
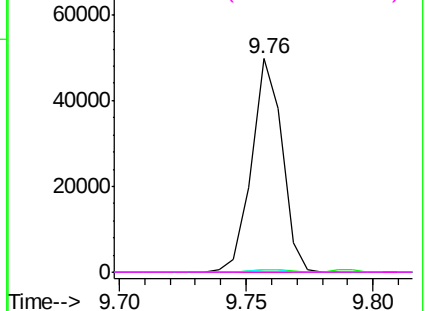
#56
 2,4-Dinitrotoluene
 Concen: 6.415 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion:165 Resp: 41841
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

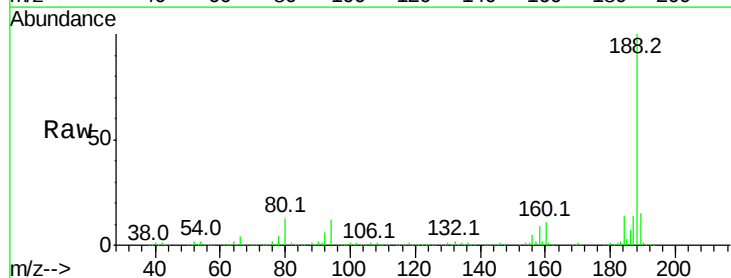


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

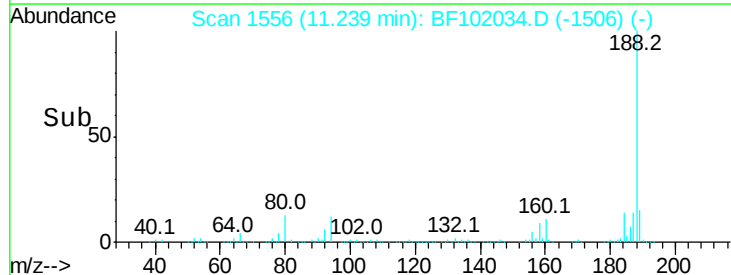
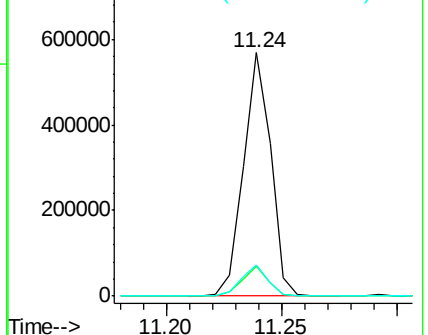


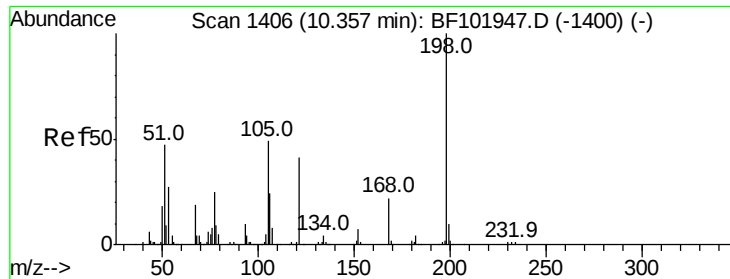
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Tgt Ion:188 Resp: 470979
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 12.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

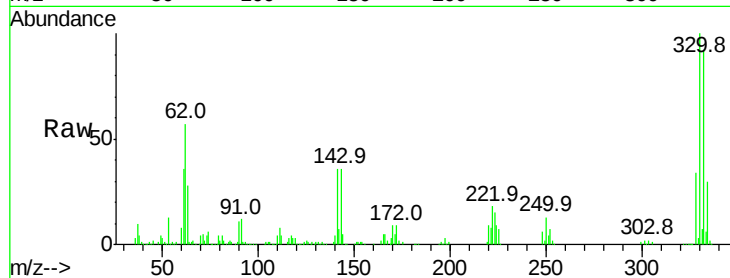




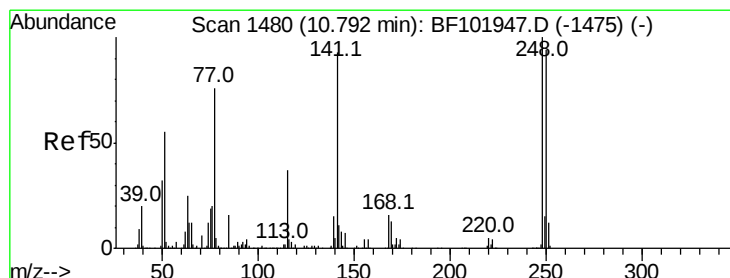
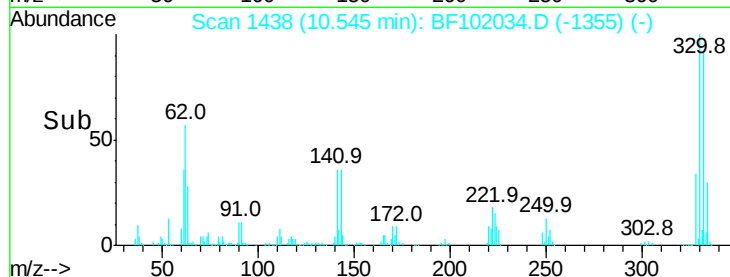
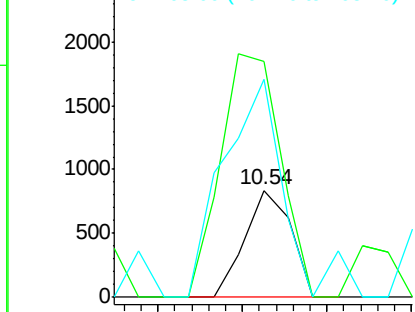
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.881 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion:198 Resp: 635
 Ion Ratio Lower Upper
 198 100
 51 219.9 37.7 77.7#
 105 203.2 36.3 76.3#

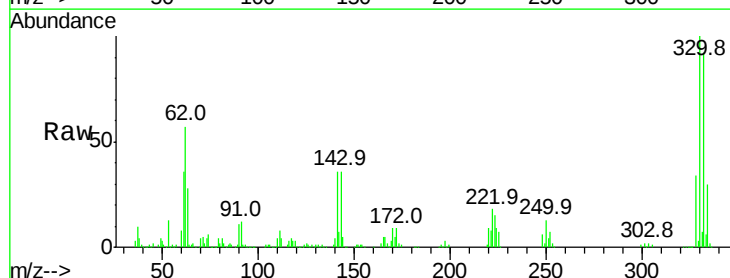


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

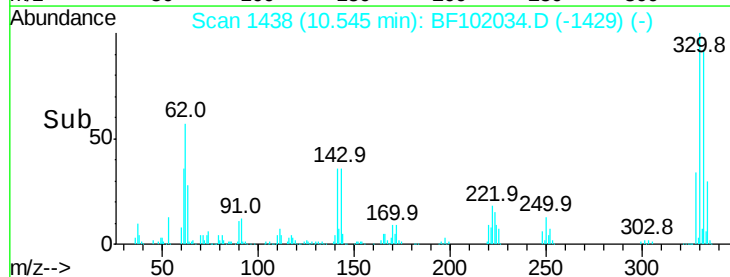
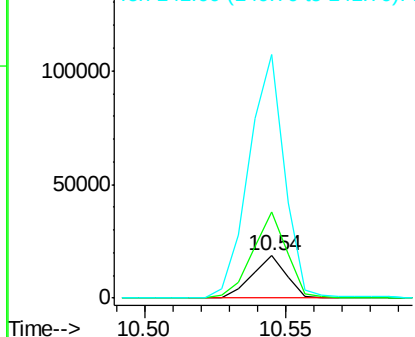


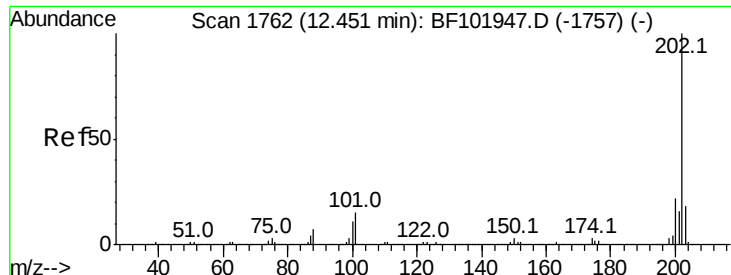
#66
 4-Bromophenyl-phenylether
 Concen: 3.147 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Tgt Ion:248 Resp: 15651
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.9 115.3#
 141 574.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

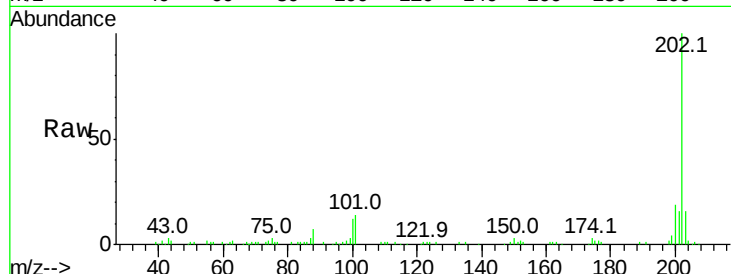




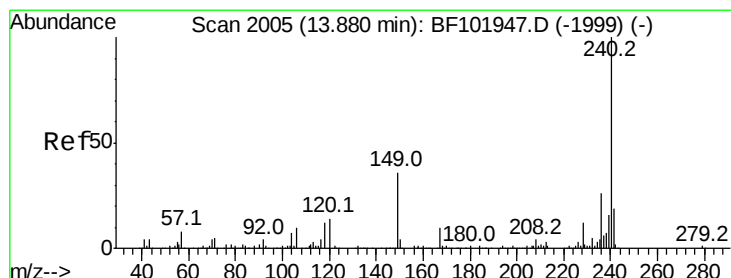
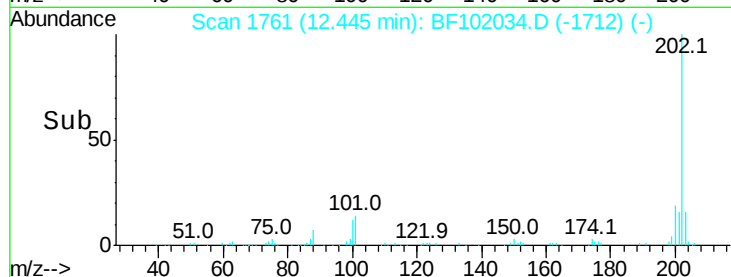
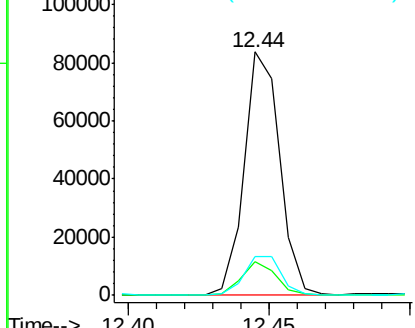
#74
 Fluoranthene
 Concen: 2.699 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion:202 Resp: 73066
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 34.1
 203 15.9 0.0 38.1

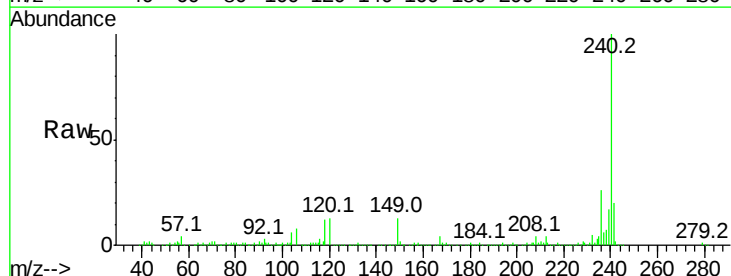


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

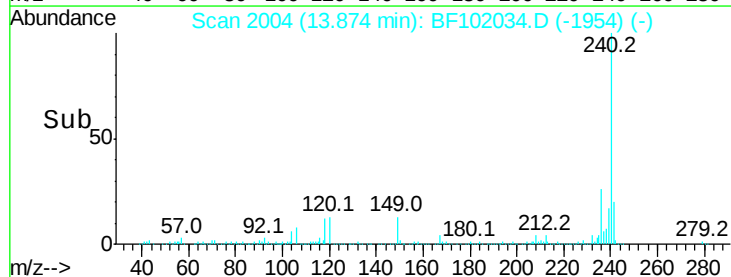
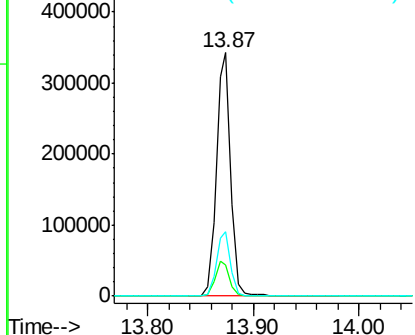


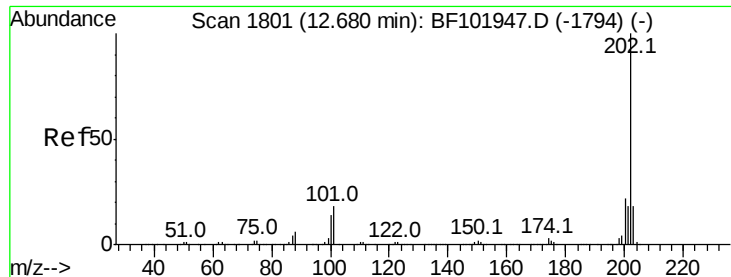
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102034.D
 Acq: 11 Jan 2018 22:21

Tgt Ion:240 Resp: 329621
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 26.3 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

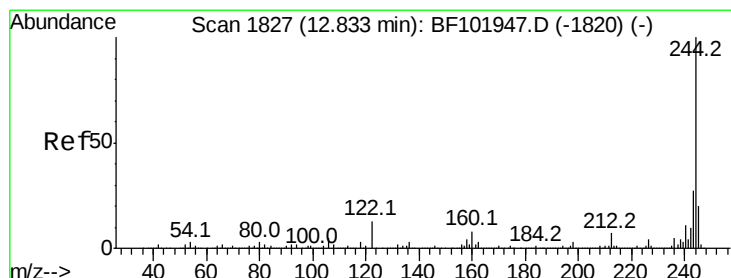
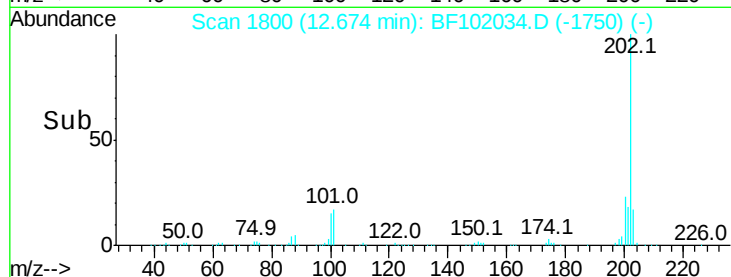
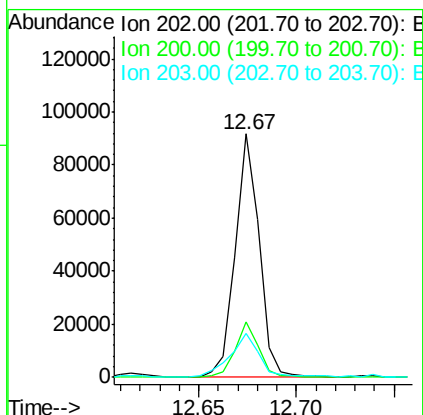
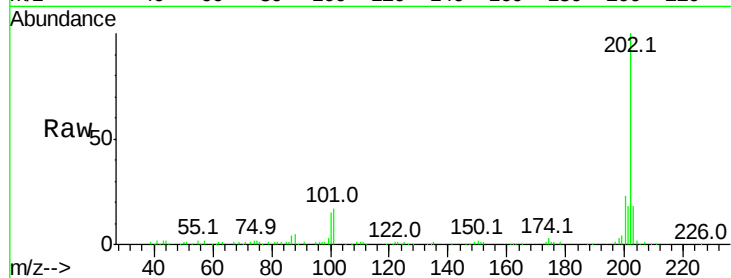




#77
Pvrene
Concen: 2.684 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

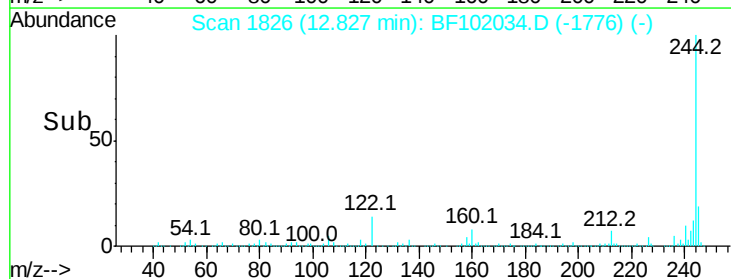
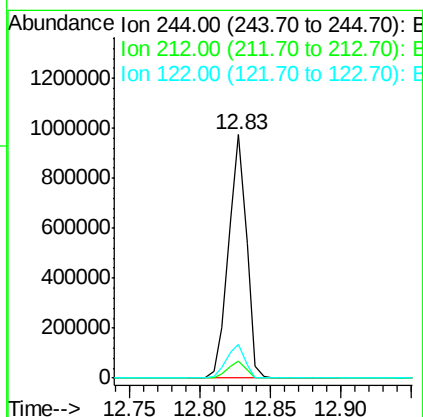
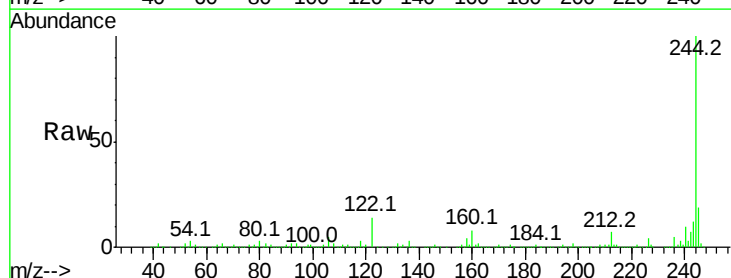
Instrument :
BNA_F
ClientSampleId :
TP-COMP

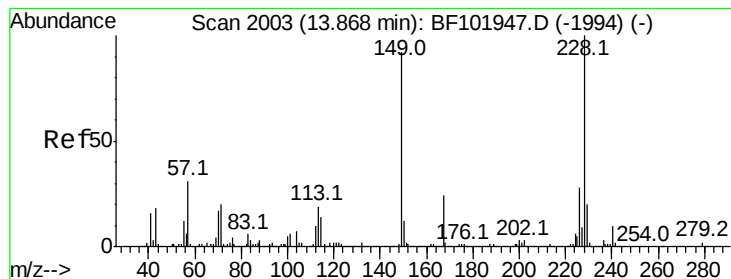
Tot Ion:202 Resp: 78201
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 54.432 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102034.D
Acq: 11 Jan 2018 22:21

Tgt Ion:244 Resp: 864150
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.8 11.0 16.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.342 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-COMP

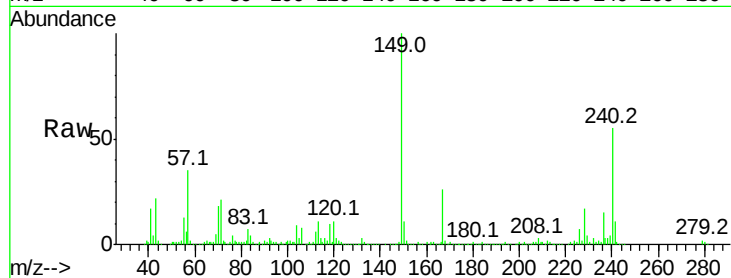
Tot Ion:149 Resp: 173976

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

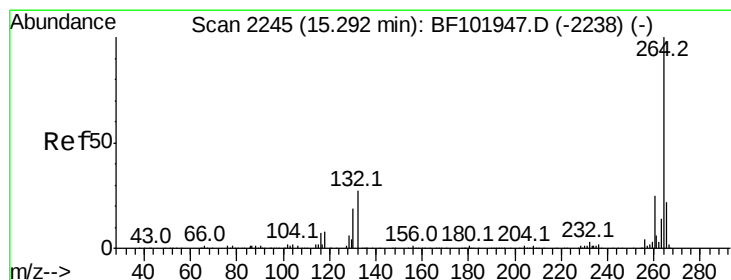
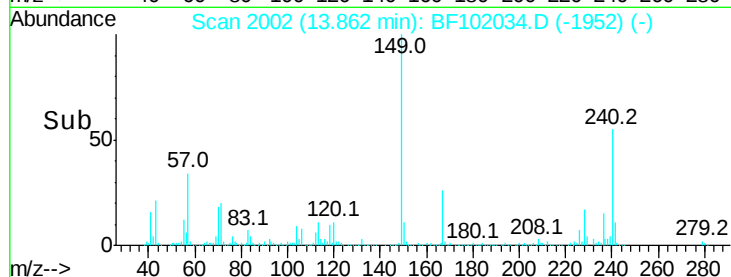
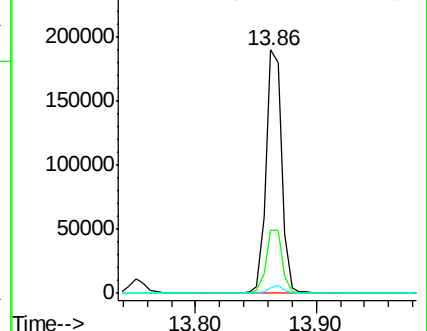
279 2.4 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

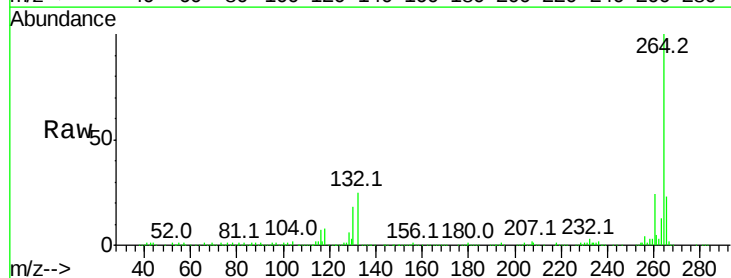
Tgt Ion:264 Resp: 379799

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

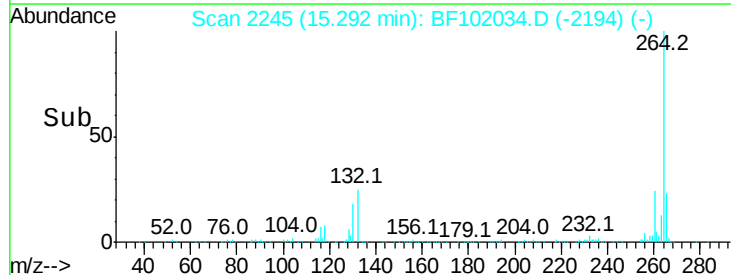
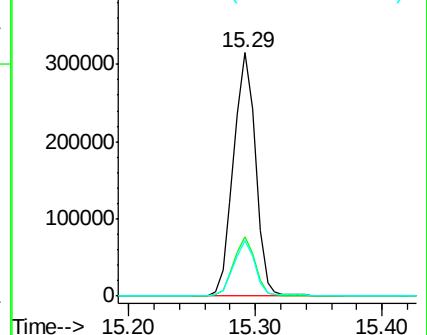
265 22.8 17.5 26.3

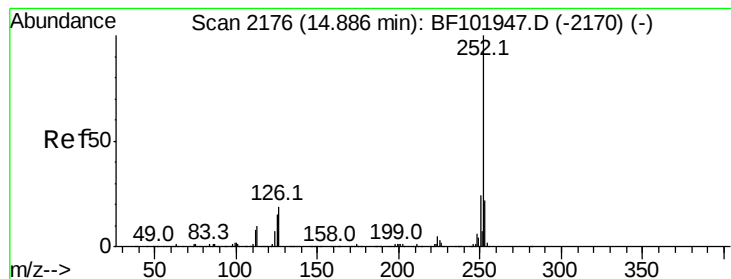


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.488 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-COMP

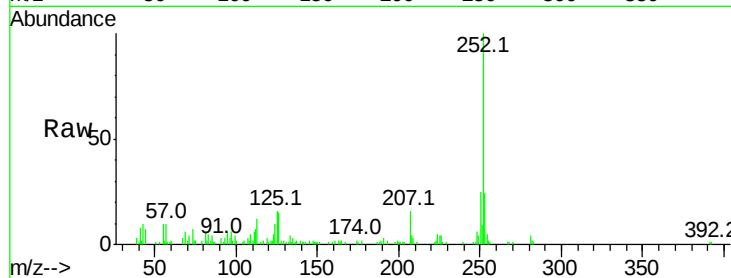
Tot Ion:252 Resp: 61620

Ion Ratio Lower Upper

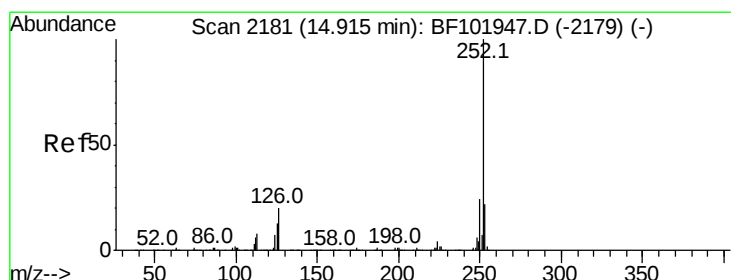
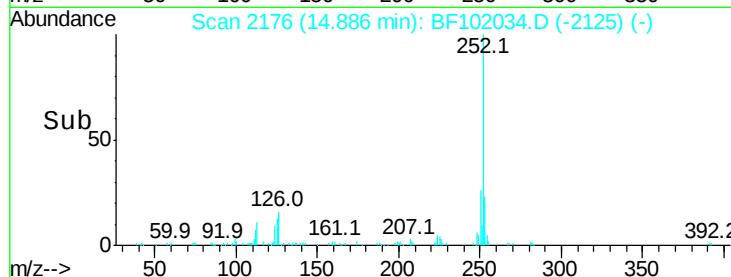
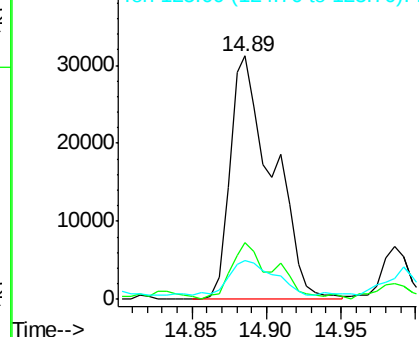
252 100

253 23.6 17.0 25.6

125 16.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.579 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF102034.D

Acq: 11 Jan 2018 22:21

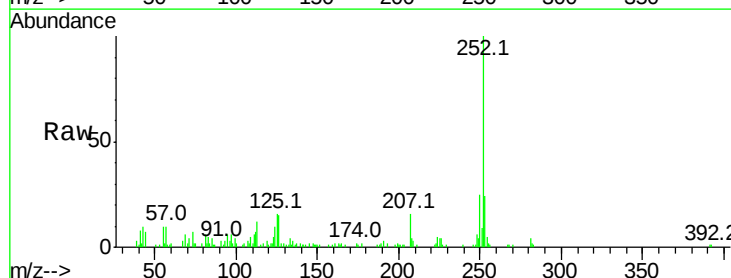
Tgt Ion:252 Resp: 61620

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 16.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

