

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102305.D
 Acq On : 22 Jan 2018 17:58
 Operator : SJ/JU
 Sample : J1228-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:09:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

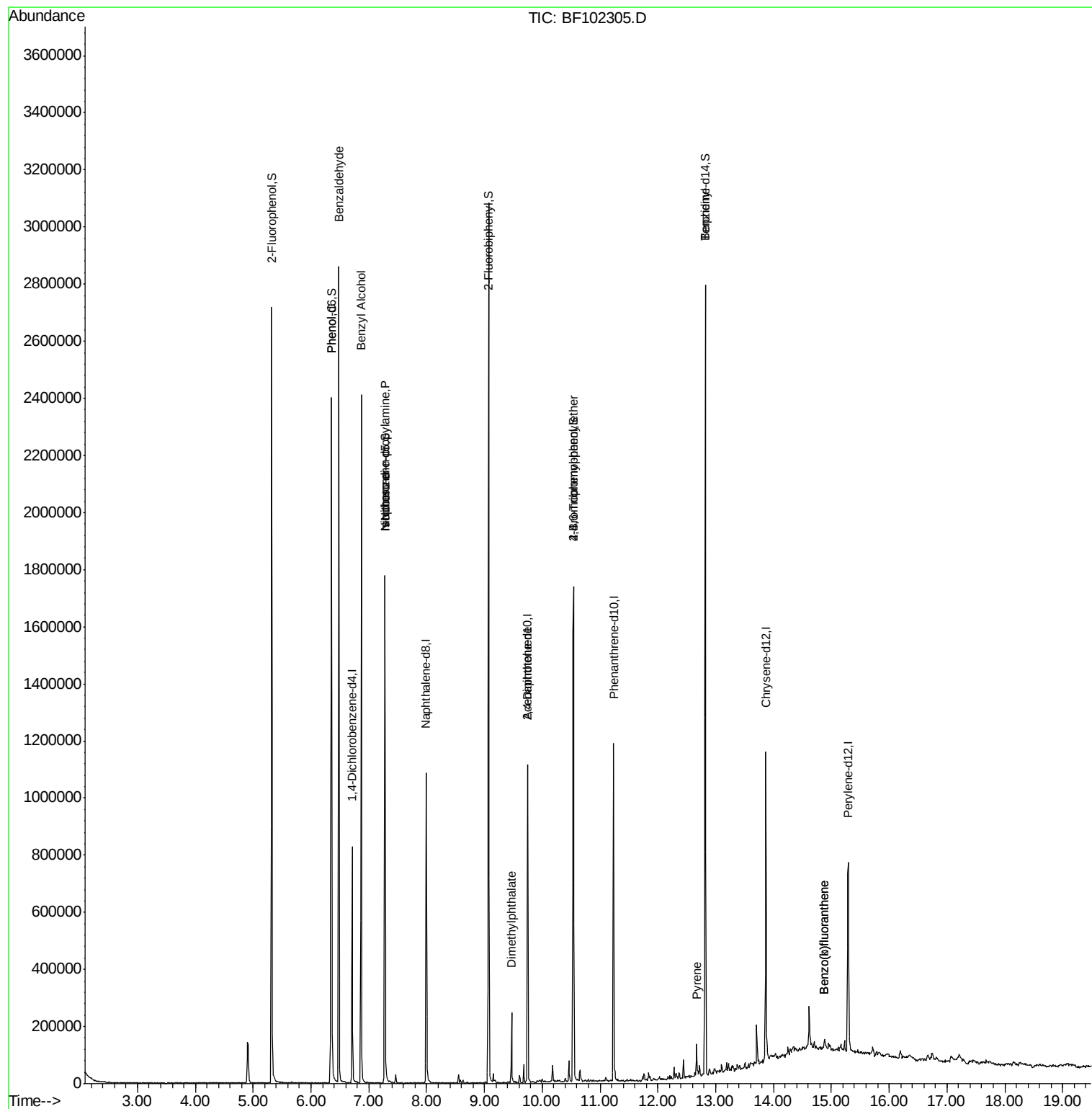
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	127772	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	536909	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	239291	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	411692	20.00	ng	0.00
75) Chrysene-d12	13.87	240	330593	20.00	ng	0.00
86) Perylene-d12	15.29	264	296877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	792412	94.03	ng	0.00
7) Phenol-d6	6.36	99	958773	94.37	ng	0.00
23) Nitrobenzene-d5	7.28	82	582304	62.33	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212566	89.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1043128	64.10	ng	0.00
78) Terphenyl-d14	12.82	244	952689	64.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	16595	2.376	ng	83
10) Phenol	6.36	94	44607	4.022	ng	87
15) Benzyl Alcohol	6.87	79	9412	1.313	ng	# 37
19) n-Nitroso-di-n-propylamine	7.28	70	77002	12.385	ng	# 78
25) Isophorone	7.28	82	582298	34.960	ng	# 64
49) Dimethylphthalate	9.47	163	98544	4.982	ng	98
56) 2,4-Dinitrotoluene	9.75	165	30556	5.827	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14175	3.198	ng	# 1
76) Benzidine	12.82	184	11813	1.064	ng	94
77) Pyrene	12.67	202	40074	1.568	ng	95
87) Benzo(b)fluoranthene	14.88	252	22070	1.147	ng	# 90
88) Benzo(k)fluoranthene	14.88	252	21696	1.193	ng	# 93

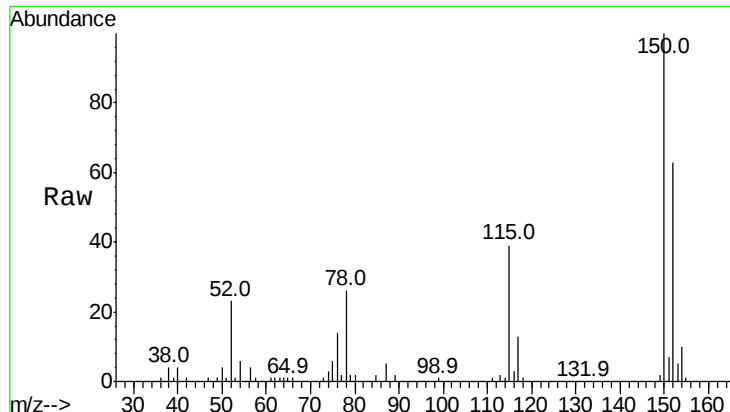
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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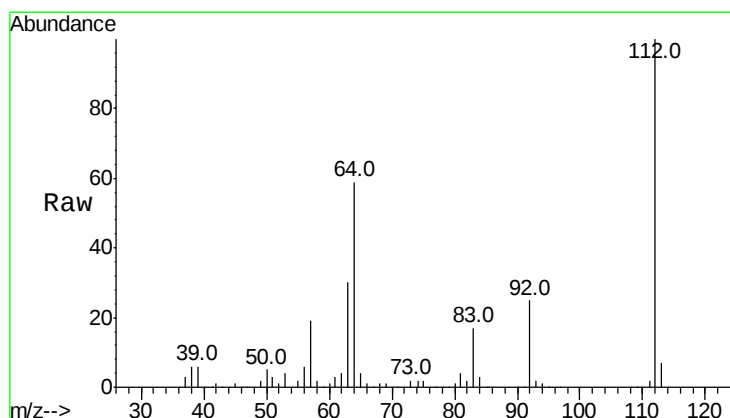
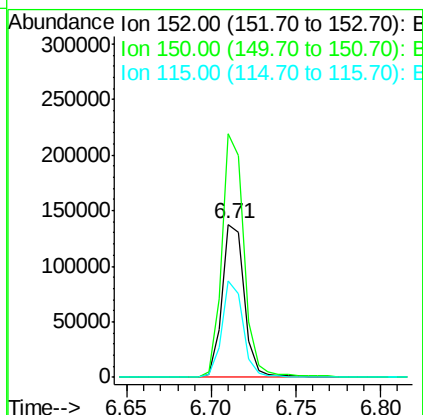
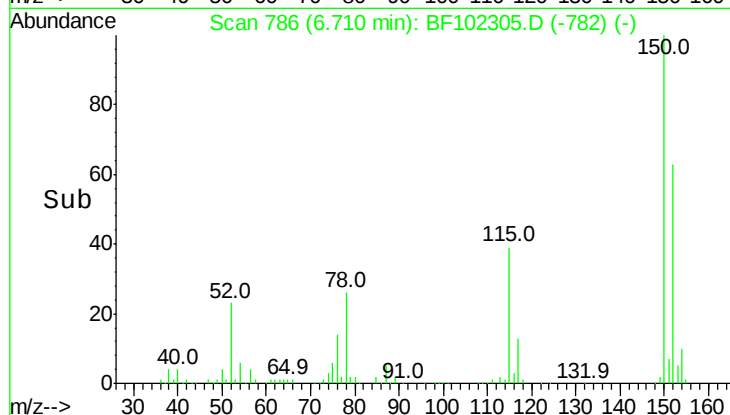


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

Instrument :
BNA_F
ClientSampleId :

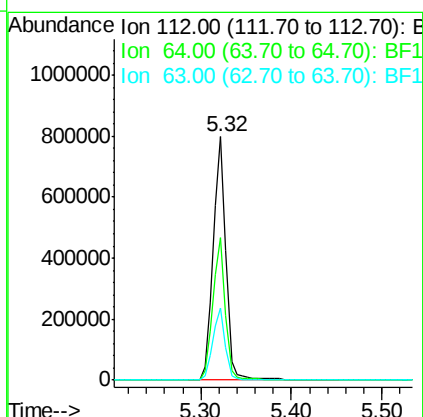
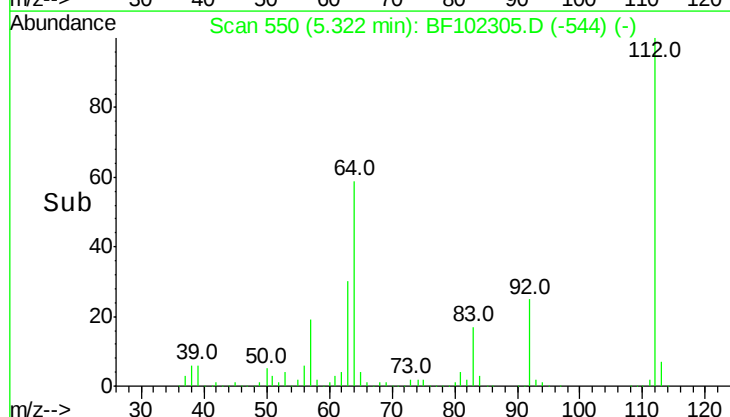
Tot Ion:152 Resp: 127772
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.6 50.1 75.1

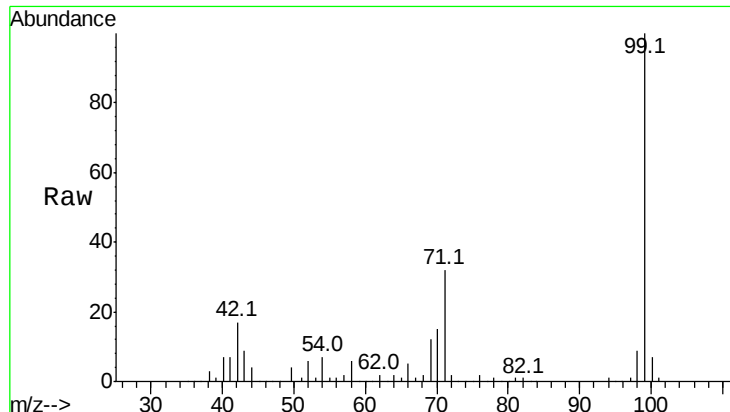


#5

2-Fluorophenol
Concen: 94.035 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

Tgt Ion:112 Resp: 792412
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 94.374 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampled :

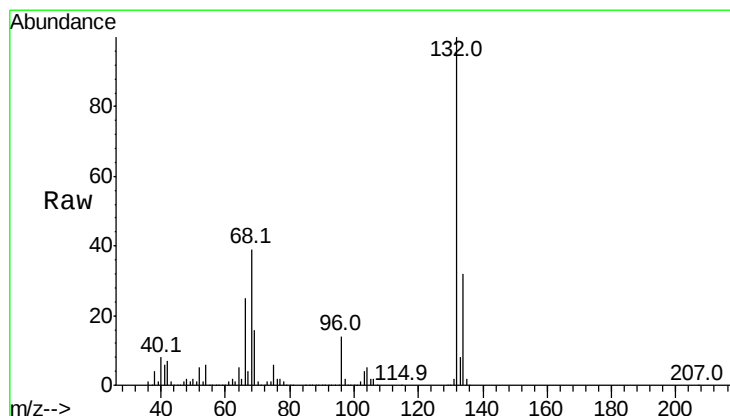
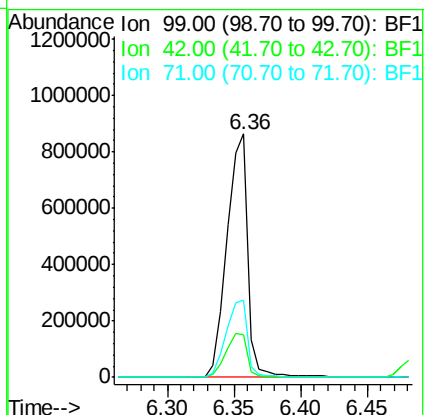
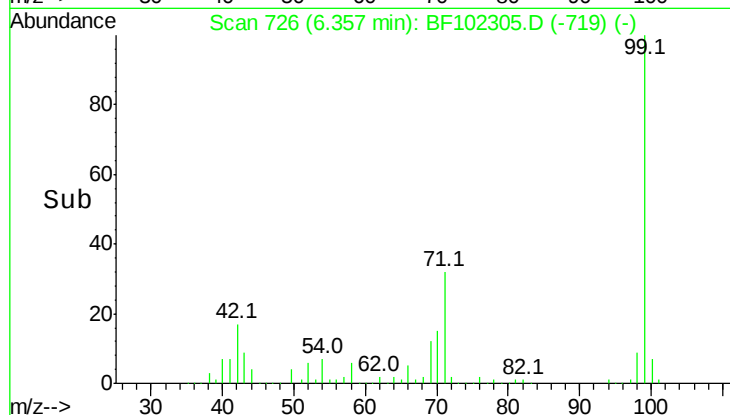
Tot Ion: 99 Resp: 958773

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 31.9 25.4 38.0



#9

Benzaldehyde

Concen: 2.376 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

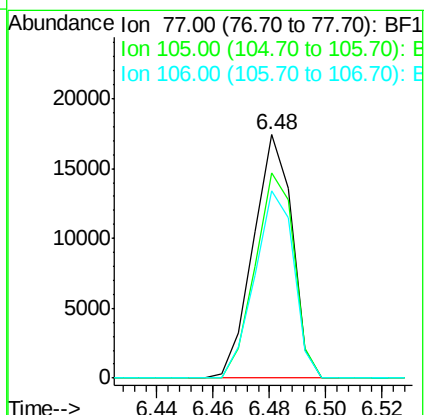
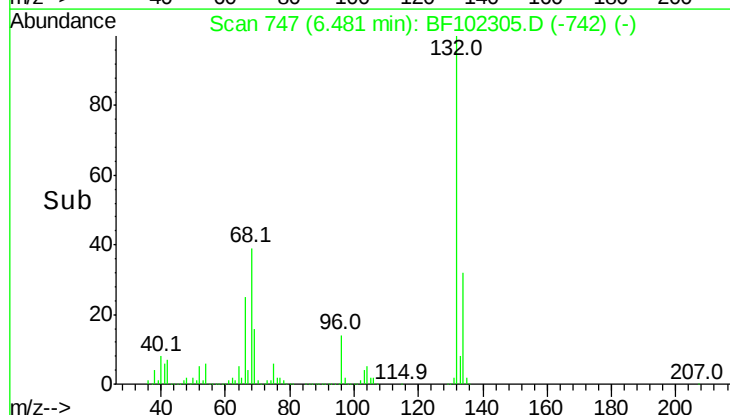
Tgt Ion: 77 Resp: 16595

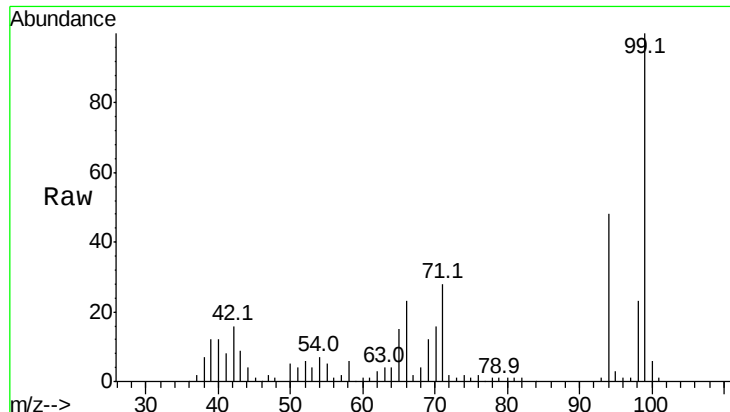
Ion Ratio Lower Upper

77 100

105 84.1 81.1 121.1

106 77.1 74.5 114.5

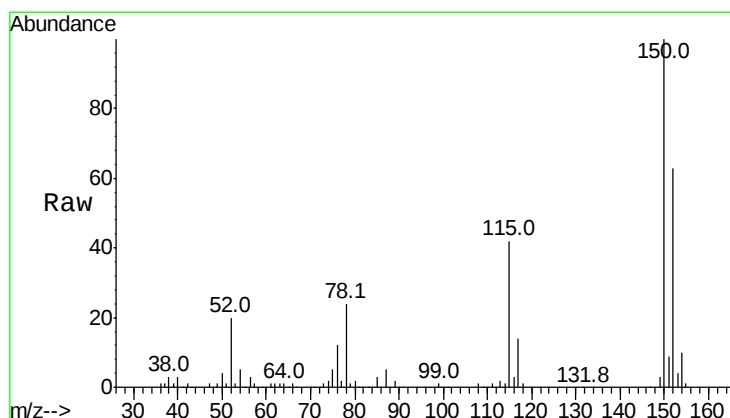
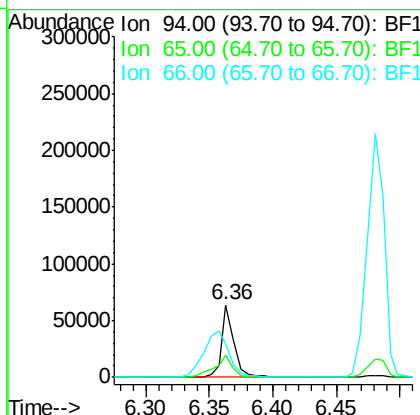
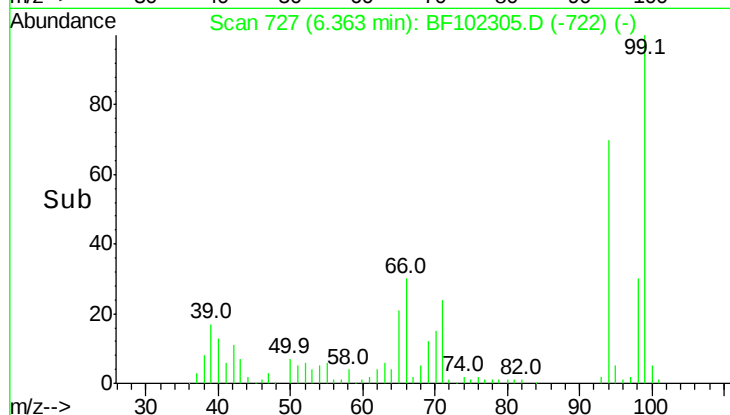




#10
Phenol
Concen: 4.022 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

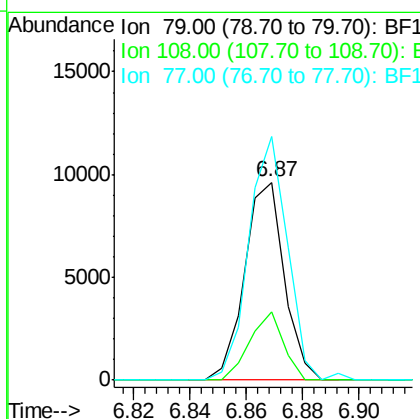
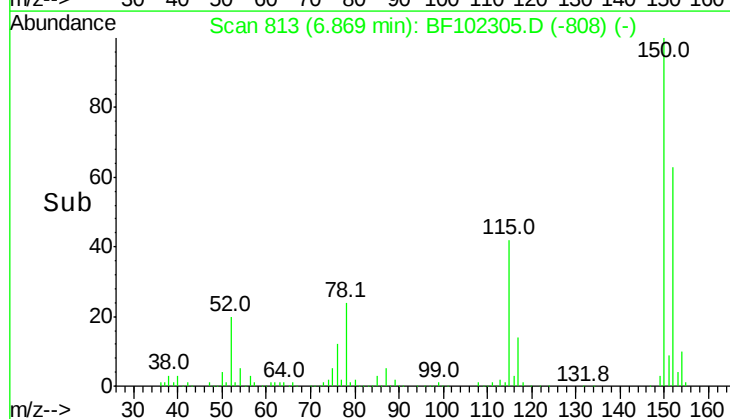
Instrument :
BNA_F
ClientSampled :

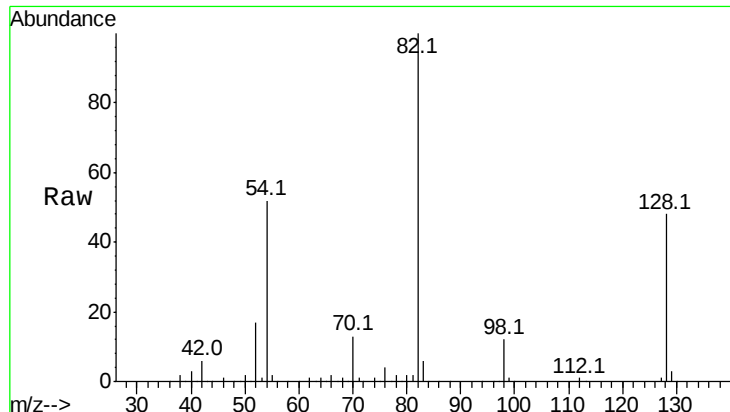
Tot Ion: 94 Resp: 44607
Ion Ratio Lower Upper
94 100
65 30.8 7.9 47.9
66 46.8 16.2 56.2



#15
Benzyl Alcohol
Concen: 1.313 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

Tgt Ion: 79 Resp: 9412
Ion Ratio Lower Upper
79 100
108 34.4 65.1 97.7#
77 123.0 50.6 75.8#

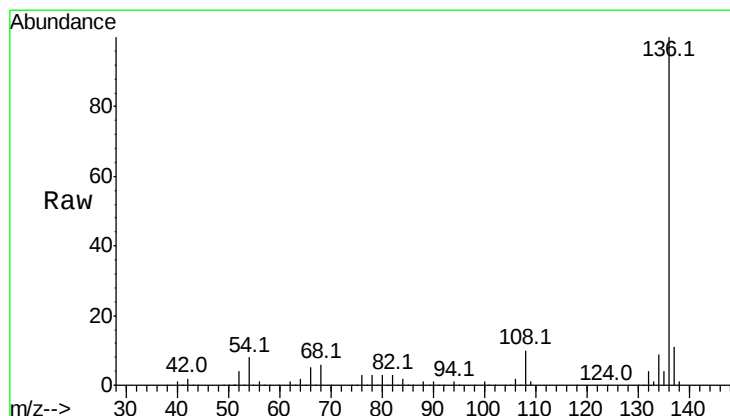
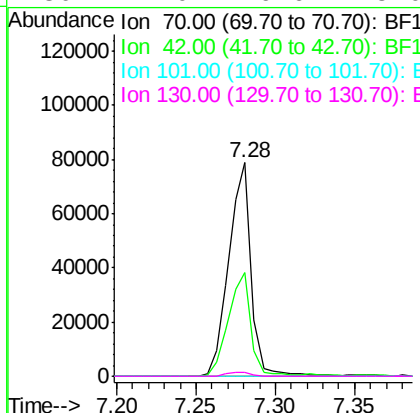
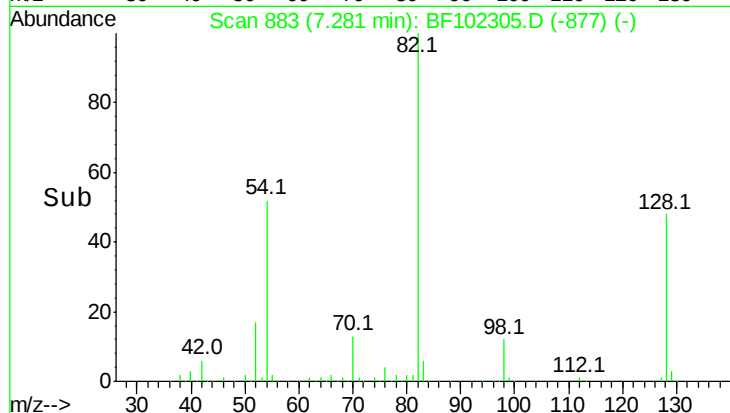




#19
n-Nitroso-di-n-propylamine
Concen: 12.385 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

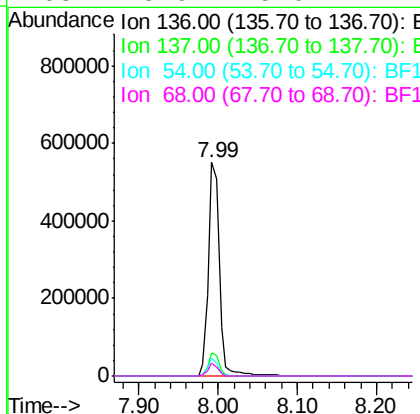
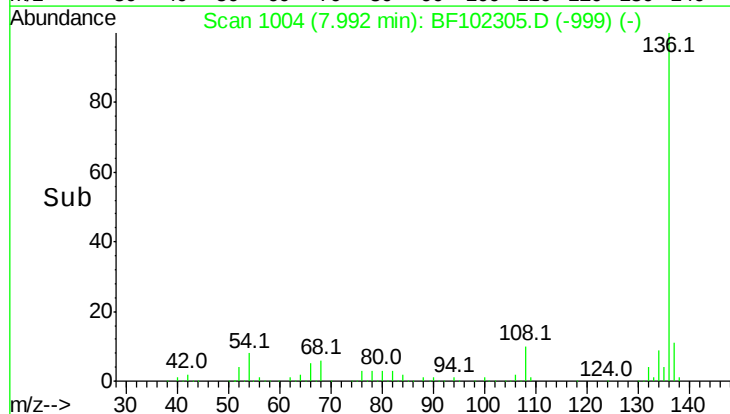
Instrument :
BNA_F
ClientSampleId :

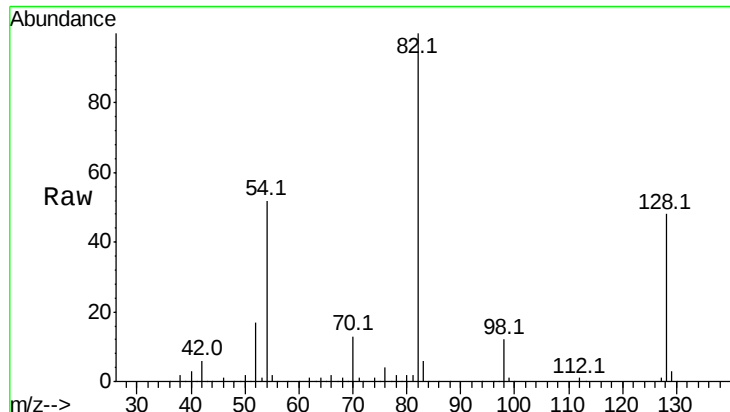
Tot Ion:	70	Resp:	77002
Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102305.D
Acq: 22 Jan 2018 17:58

Tgt Ion:	136	Resp:	536909
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

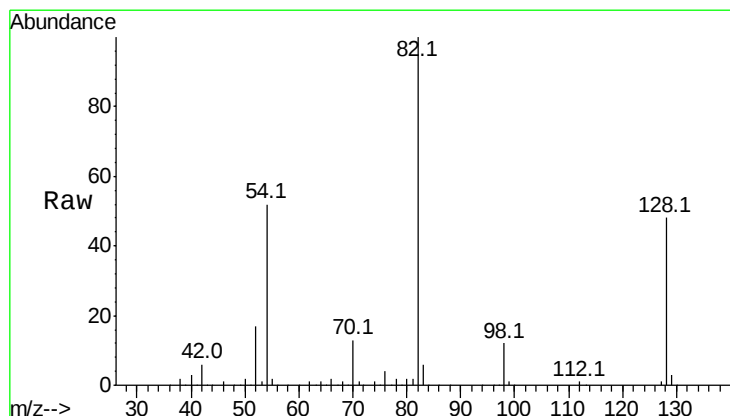
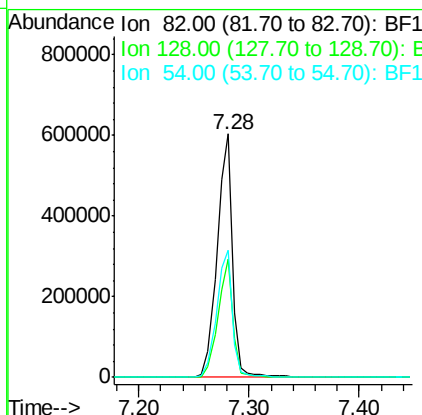
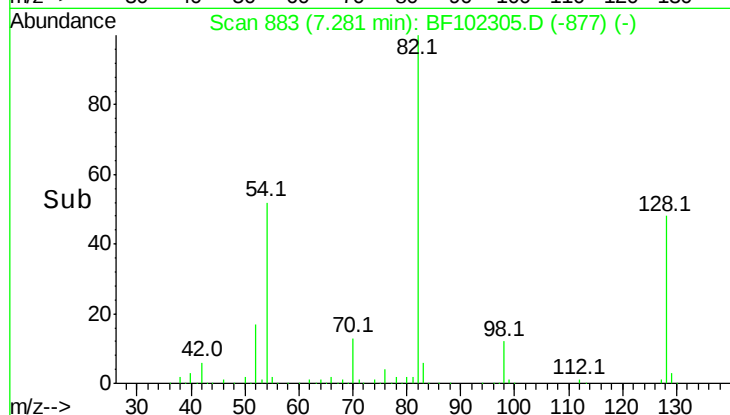




#23
 Nitrobenzene-d5
 Concen: 62.326 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

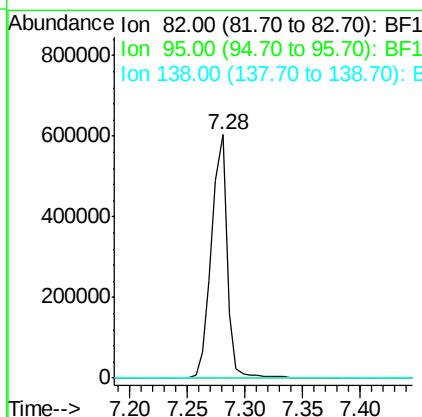
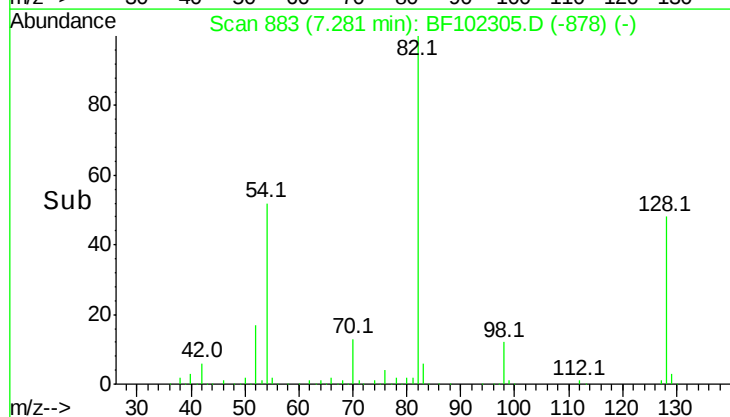
Instrument :
 BNA_F
 ClientSampleId :

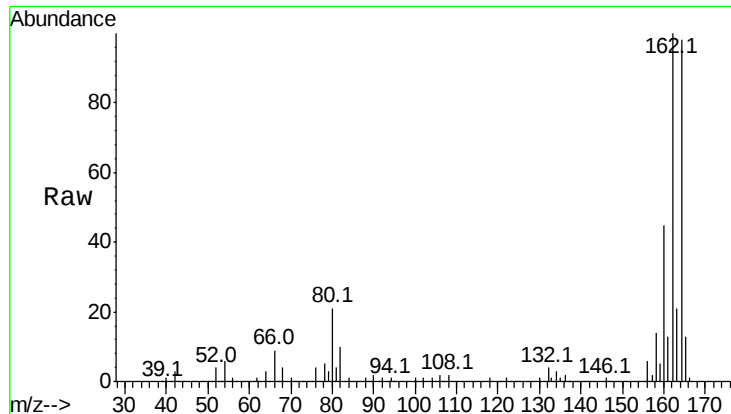
Tot Ion:	82	Resp:	582304
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	52.4	41.4	62.2



#25
 Isophorone
 Concen: 34.960 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:	82	Resp:	582298
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

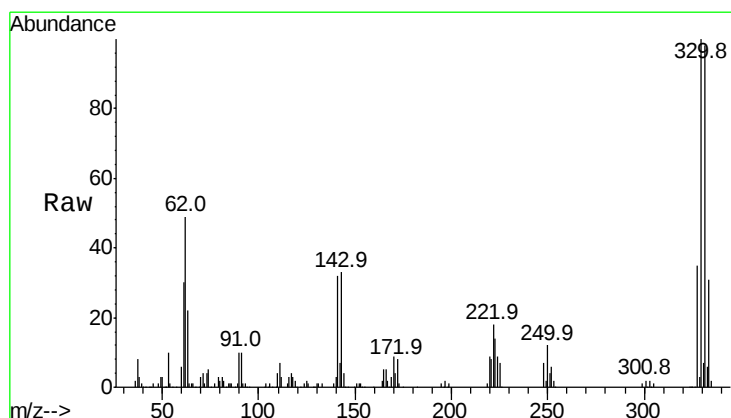
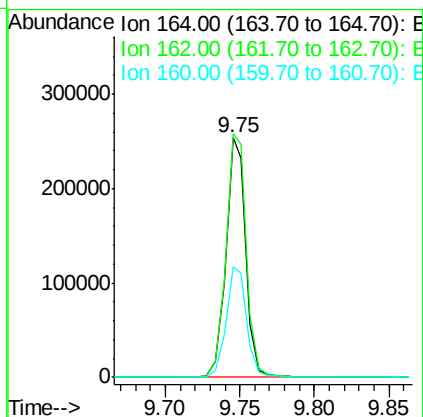
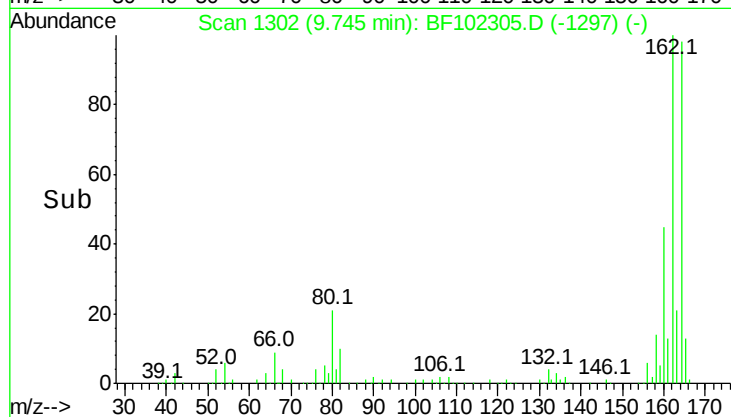




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

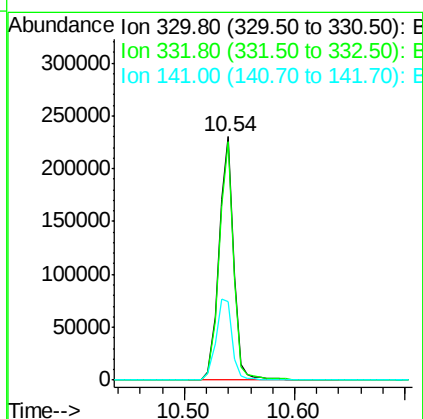
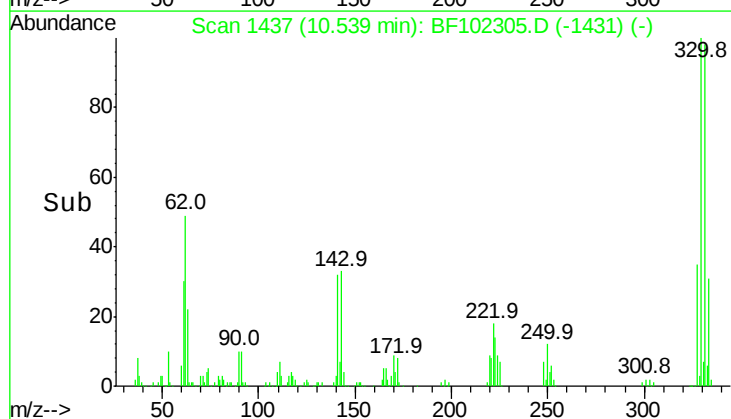
Instrument :
 BNA_F
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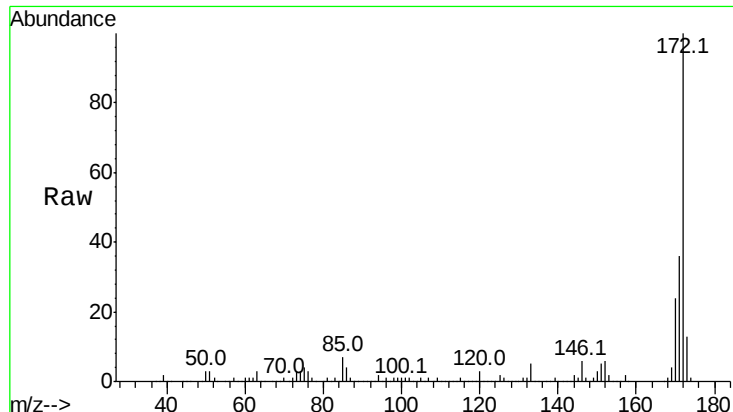
Tot Ion:164 Resp: 239291
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.651 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:330 Resp: 212566
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 36.9 29.9 44.9



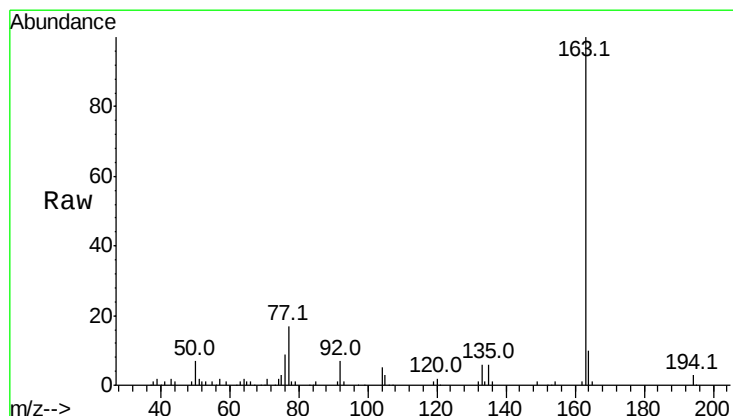
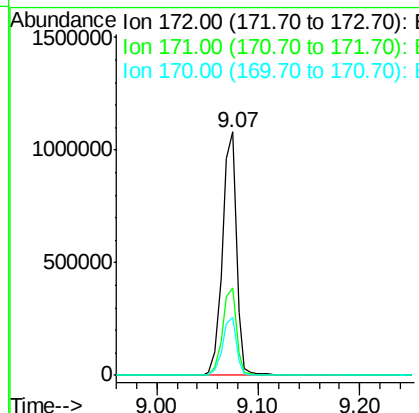
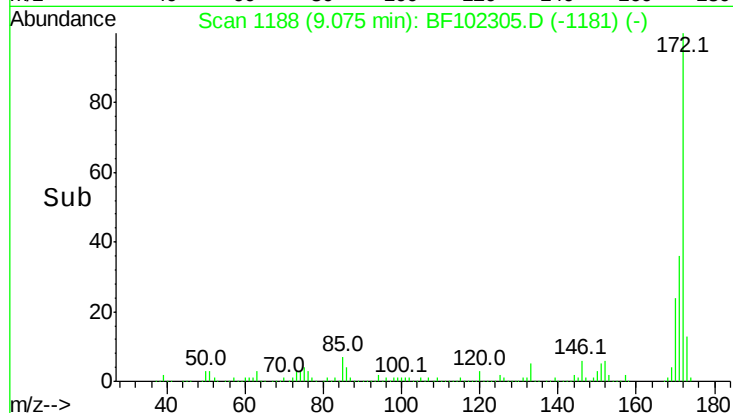


#44
 2-Fluorobiphenyl
 Concen: 64.096 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1043128

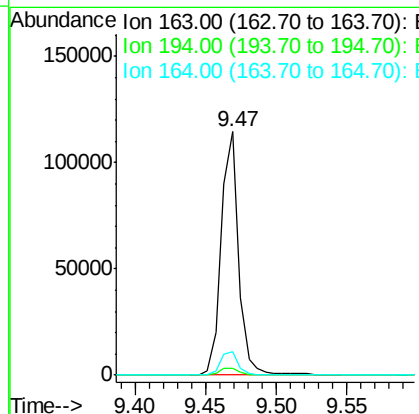
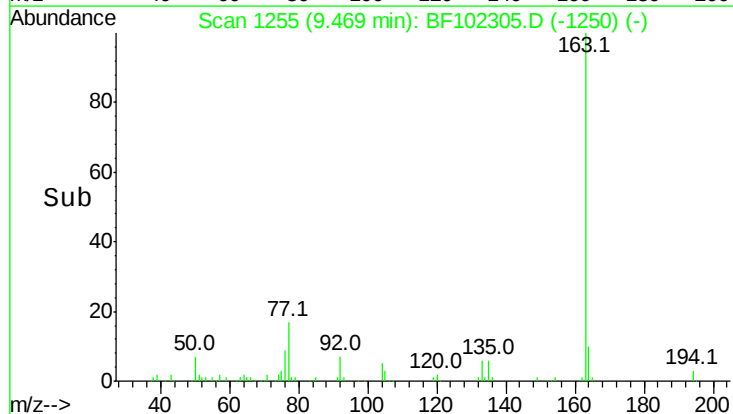
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

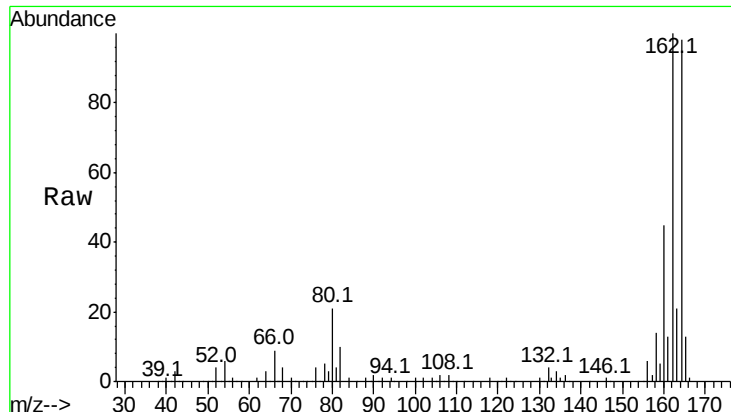


#49
 Dimethylphthalate
 Concen: 4.982 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:163 Resp: 98544

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.5	8.2	12.2

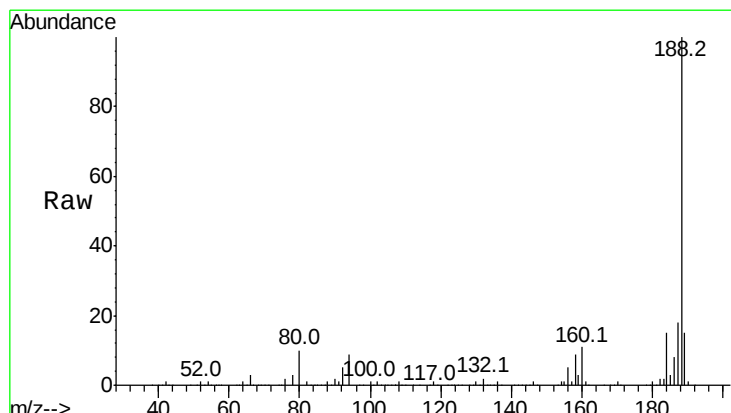
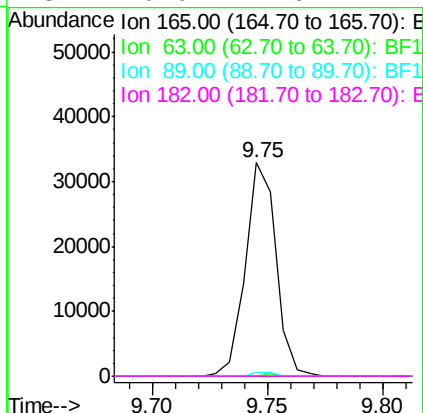
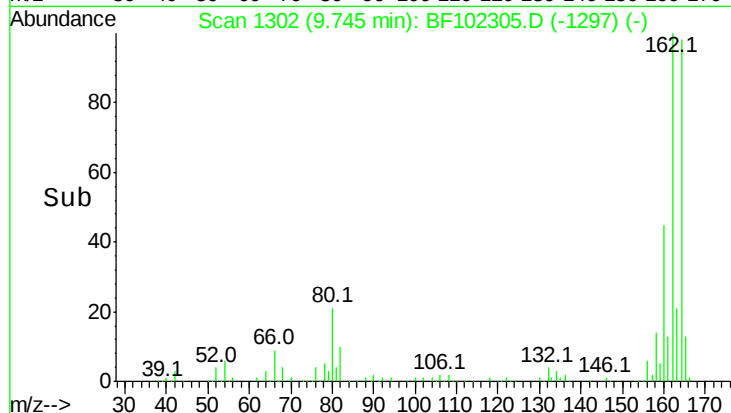




#56
 2,4-Dinitrotoluene
 Concen: 5.827 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

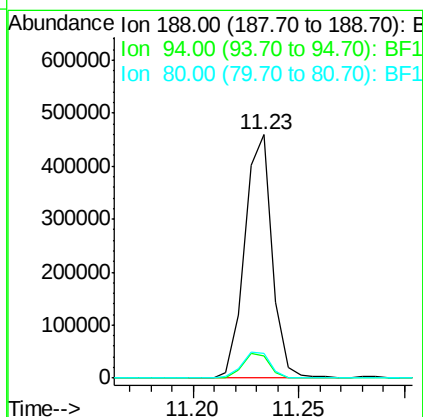
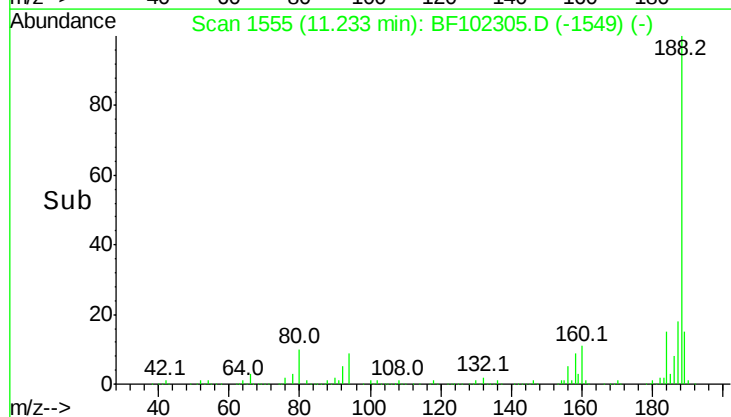
Instrument :
 BNA_F
 ClientSampleId :

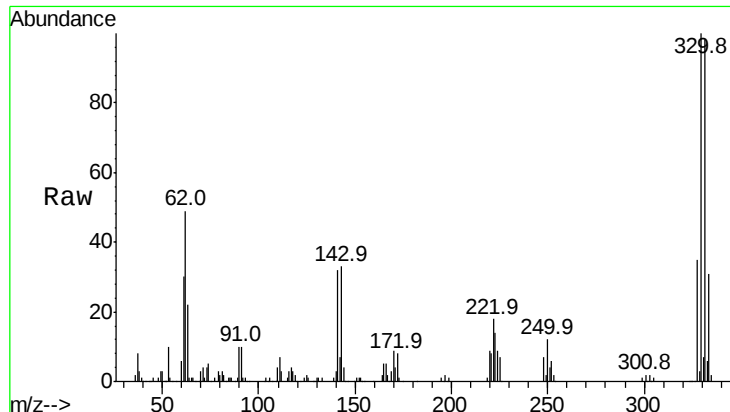
Tot Ion:	165	Resp:	30556
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:	188	Resp:	411692
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8





#66

4-Bromophenyl-phenylether

Concen: 3.198 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.24 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

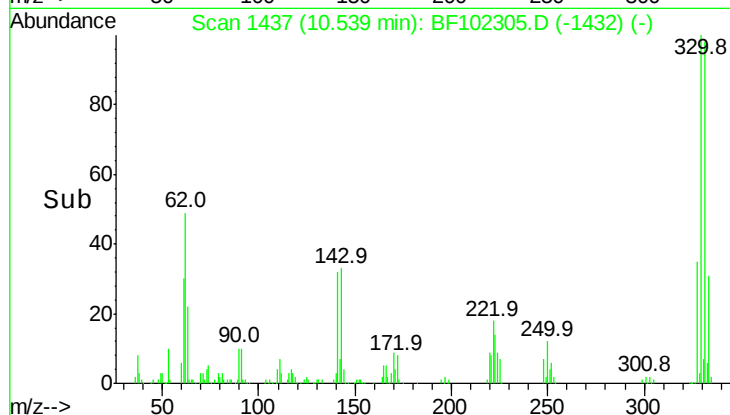
Tot Ion:248 Resp: 14175

Ion Ratio Lower Upper

248 100

250 188.0 76.9 115.3#

141 494.3 74.4 111.6#



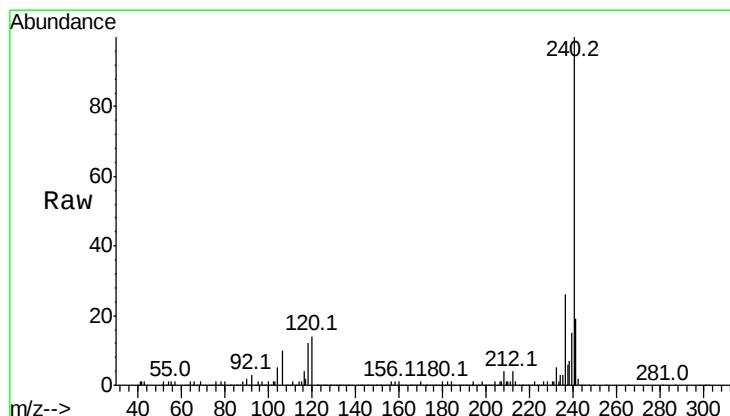
Scan 1437 (10.539 min): BF102305.D (-1432) (-)

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

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

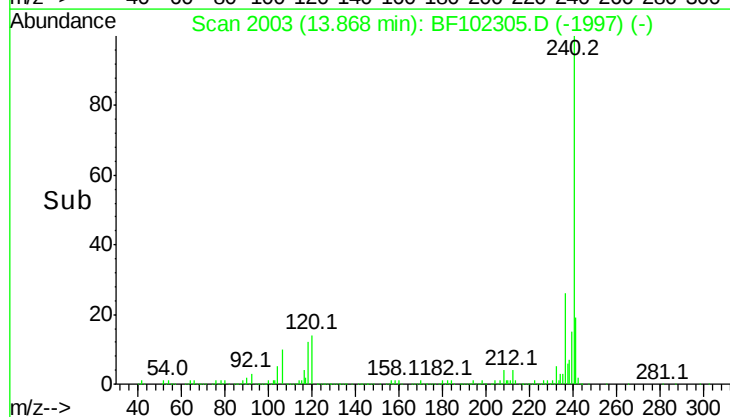
Tgt Ion:240 Resp: 330593

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

236 26.4 20.7 31.1



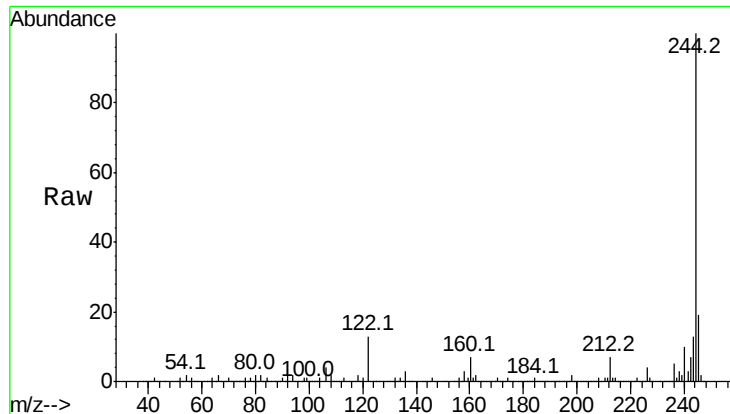
Scan 2003 (13.868 min): BF102305.D (-1997) (-)

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

Time-->



#76

Benzidine

Concen: 1.064 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.25 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

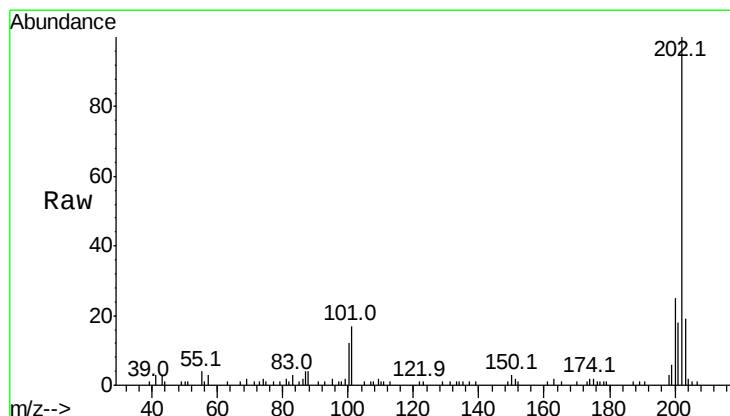
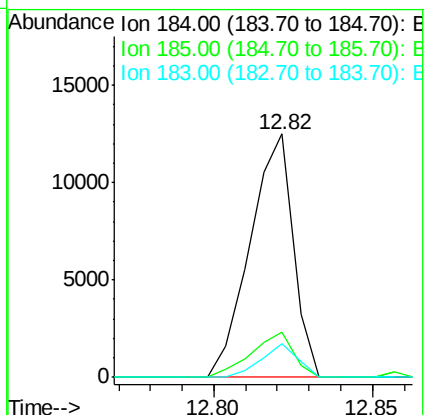
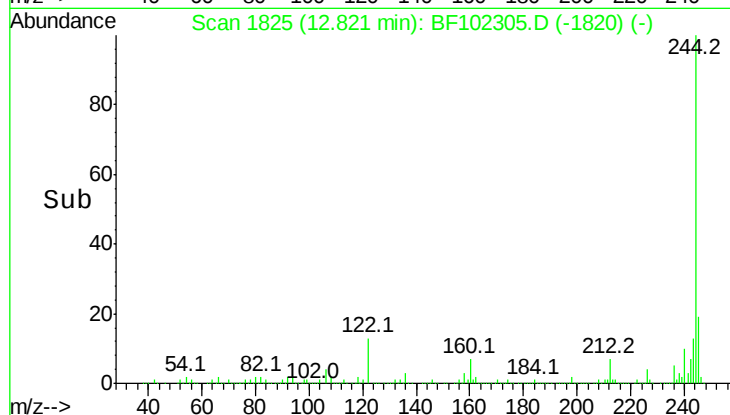
Tot Ion:184 Resp: 11813

Ion Ratio Lower Upper

184 100

185 18.4 12.6 18.8

183 13.8 9.3 13.9



#77

Pyrene

Concen: 1.568 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

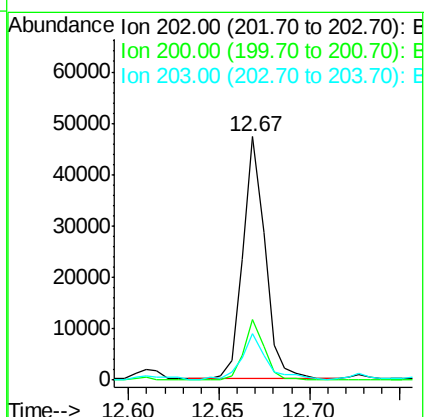
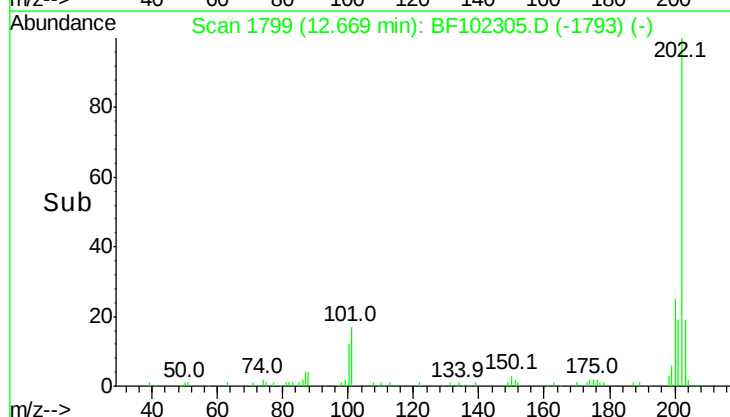
Tgt Ion:202 Resp: 40074

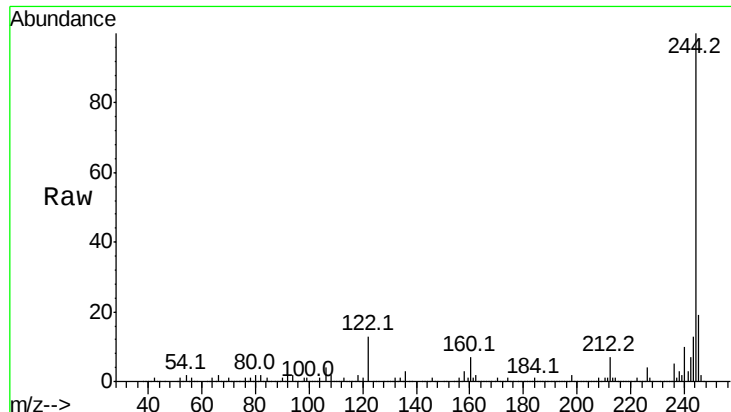
Ion Ratio Lower Upper

202 100

200 24.9 17.4 26.2

203 19.2 14.3 21.5

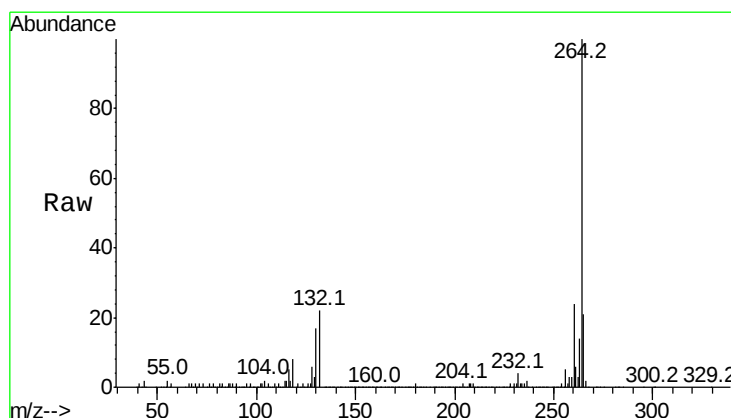
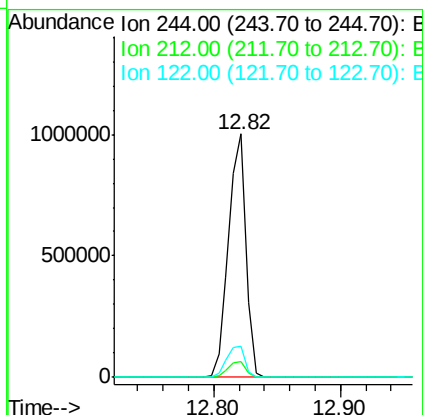
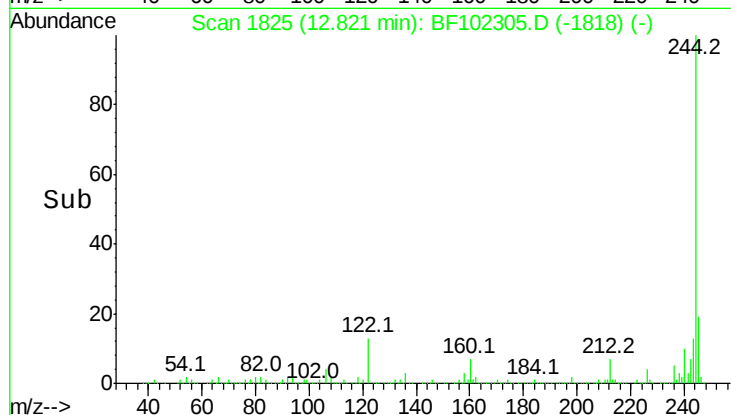




#78
 Terphenyl-d14
 Concen: 64.965 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

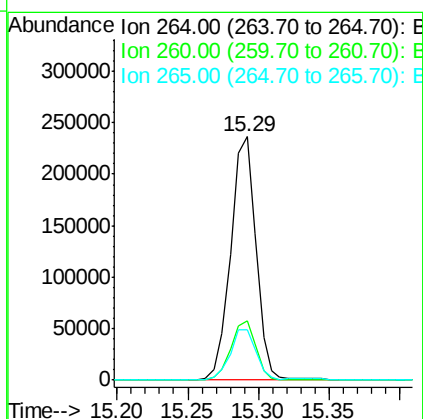
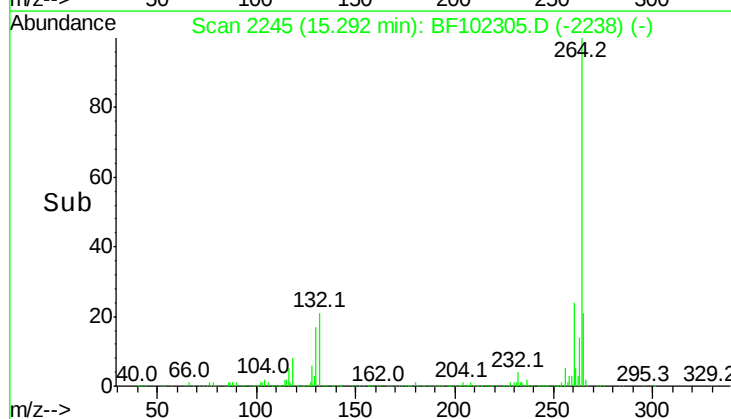
Instrument :
 BNA_F
 ClientSampled :

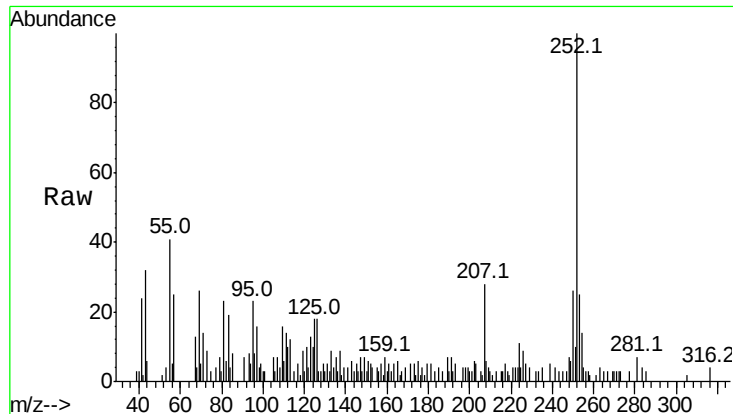
Tot Ion:244 Resp: 952689
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:264 Resp: 296877
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 1.147 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

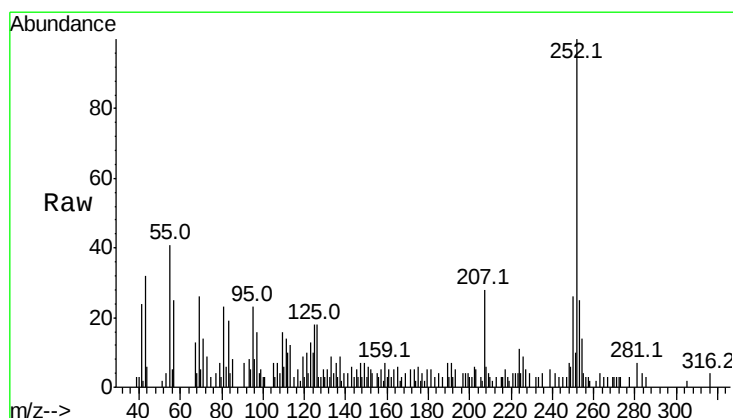
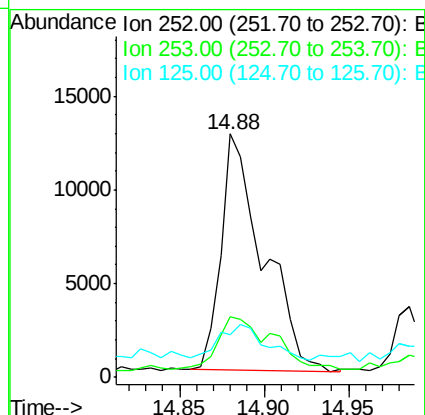
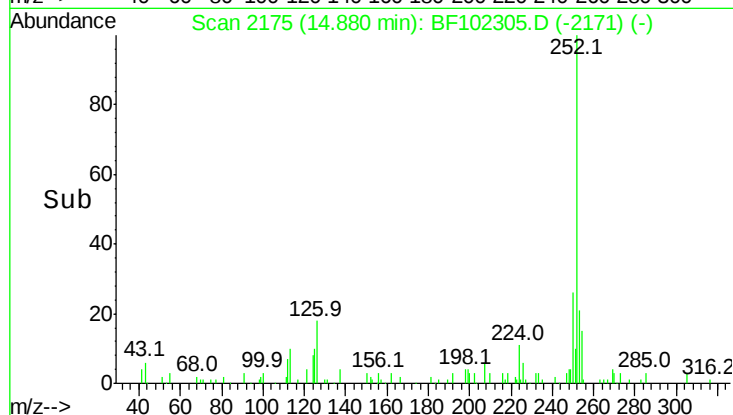
Tot Ion:252 Resp: 22070

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.6

125 17.5 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 1.193 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Tgt Ion:252 Resp: 21696

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

125 17.5 10.2 15.2#

