

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104949.D
 Acq On : 30 Apr 2018 22:34
 Operator : JU/SJ
 Sample : J2564-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-UB-102

Quant Time: May 01 07:11:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

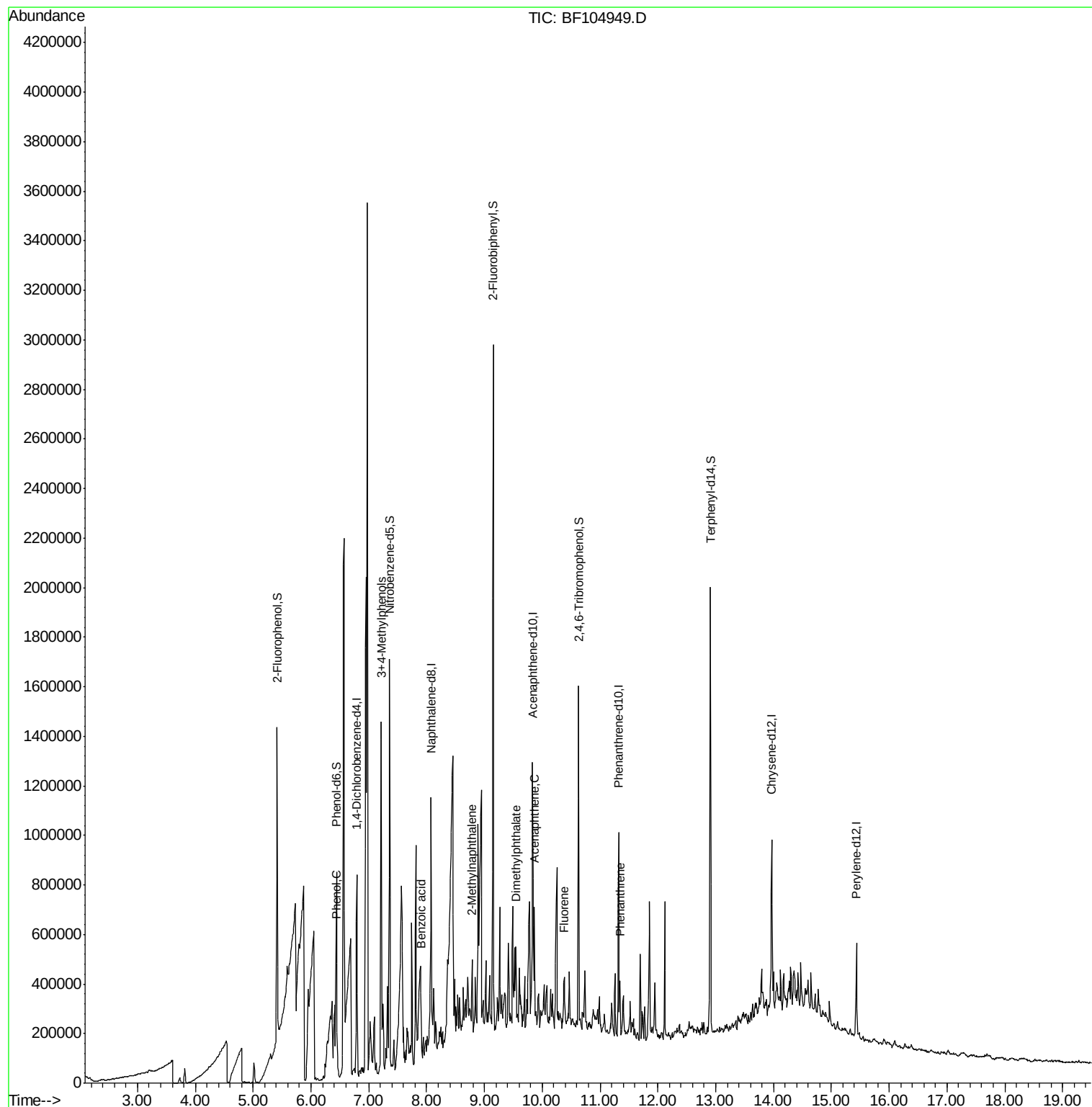
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118459	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	459178	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	186931	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	274978	20.00	ng	0.00
75) Chrysene-d12	13.97	240	212977	20.00	ng	0.00
86) Perylene-d12	15.43	264	166028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	404832	52.26	ng	0.00
7) Phenol-d6	6.44	99	326556	34.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	508039	72.25	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	175127	90.31	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	896847	75.79	ng	0.00
78) Terphenyl-d14	12.91	244	626799	67.10	ng	0.00
Target Compounds						
10) Phenol	6.45	94	25127	2.488	ng	91
20) 3+4-Methylphenols	7.22	107	402944	45.709	ng	85
32) Benzoic acid	7.90	122	21341	4.076	ng	93
37) 2-Methylnaphthalene	8.79	142	72568	4.907	ng	98
49) Dimethylphthalate	9.55	163	46794	3.174	ng	99
51) Acenaphthene	9.86	154	77949	6.565	ng	99
57) Fluorene	10.38	166	42242	3.507	ng	99
70) Phenanthrene	11.35	178	62920	4.109	ng	98

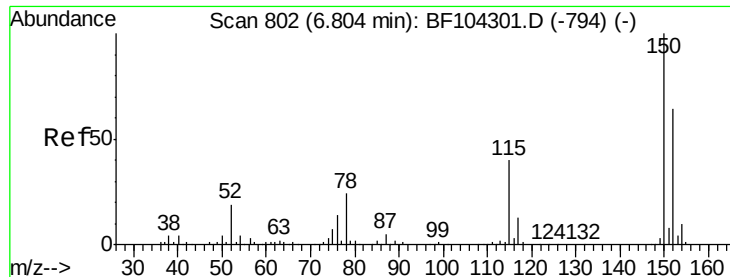
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104949.D
Acq On : 30 Apr 2018 22:34
Operator : JU/SJ
Sample : J2564-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-UB-102

Quant Time: May 01 07:11:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

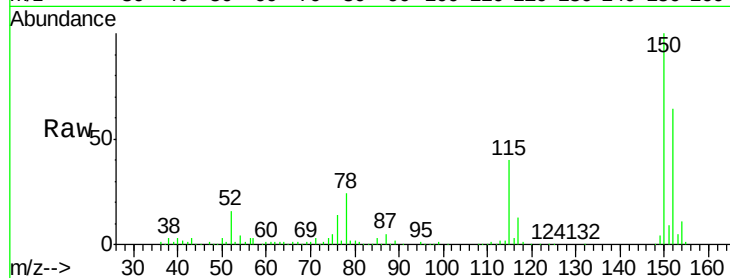
Tot Ion:152 Resp: 118459

Ion Ratio Lower Upper

152 100

150 155.4 124.6 186.8

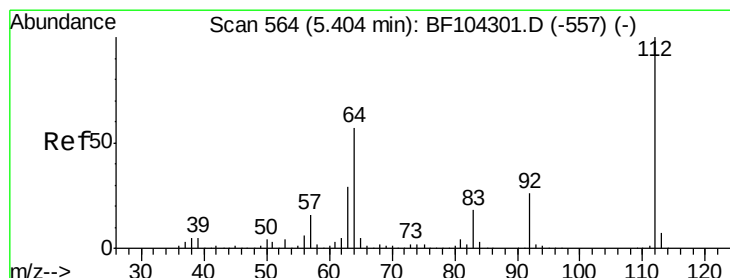
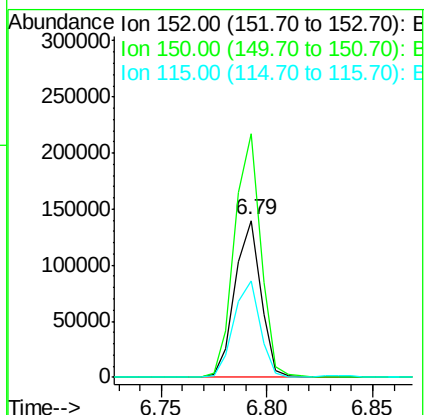
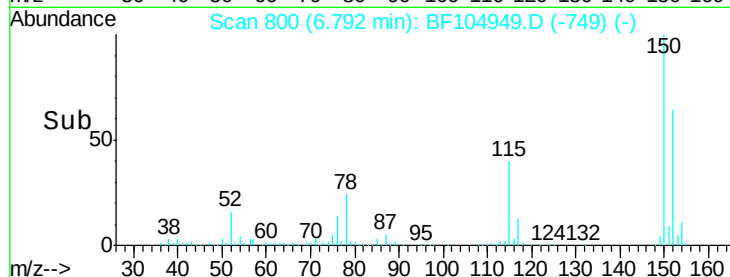
115 61.6 50.1 75.1



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



#5

2-Fluorophenol

Concen: 52.255 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

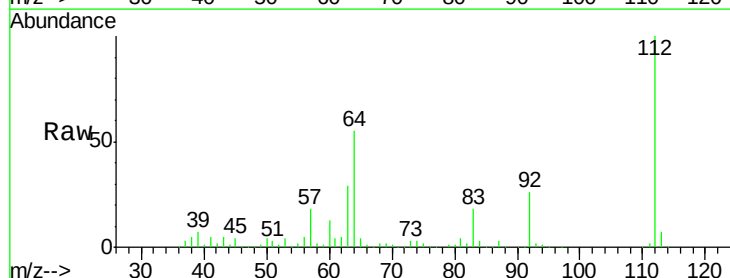
Tgt Ion:112 Resp: 404832

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

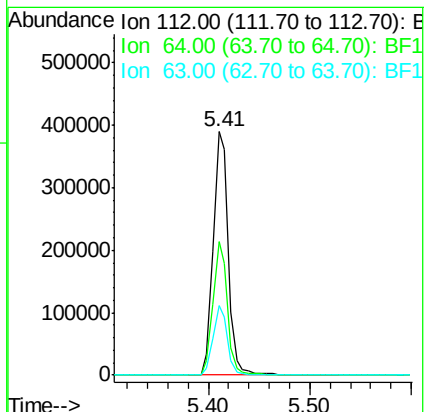
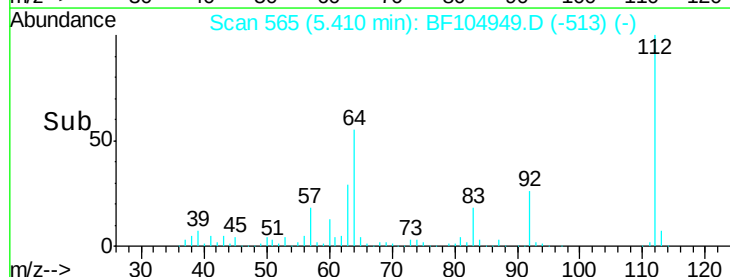
63 28.7 23.7 35.5

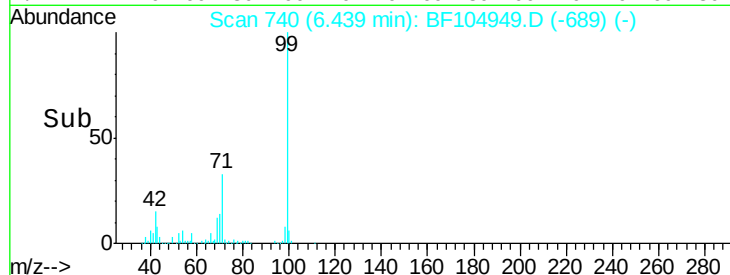
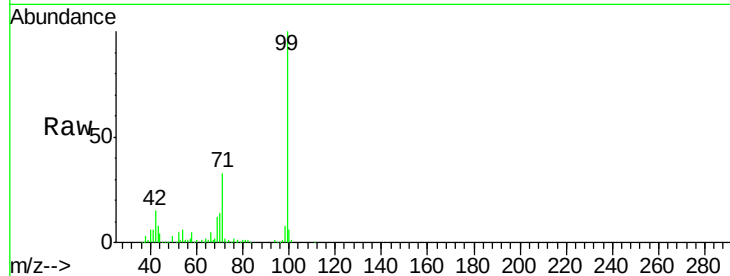
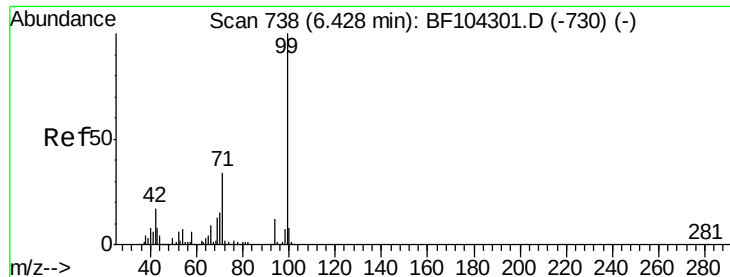


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.306 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

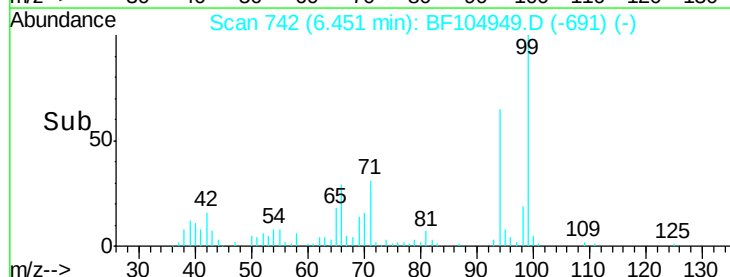
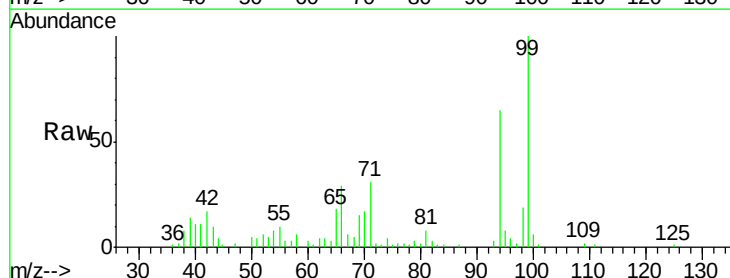
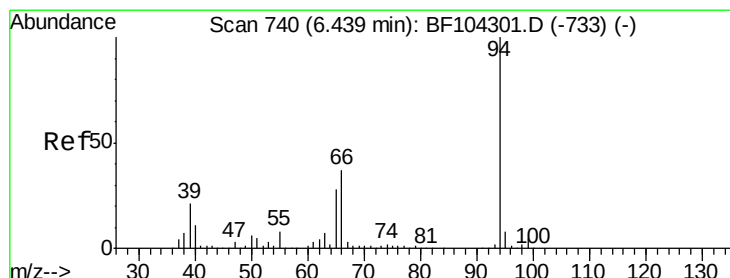
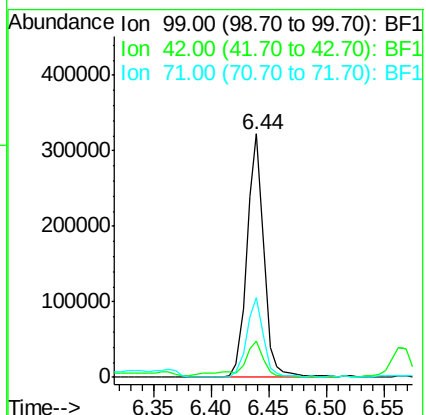
Tot Ion: 99 Resp: 326556

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 32.7 25.4 38.0



#10

Phenol

Concen: 2.488 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

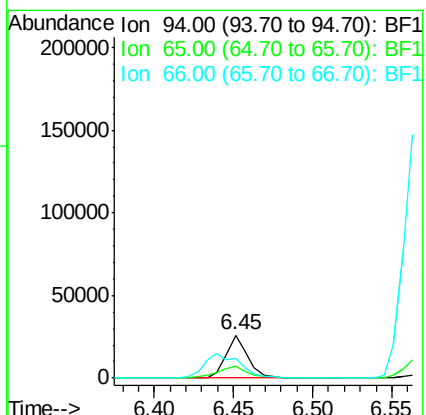
Tgt Ion: 94 Resp: 25127

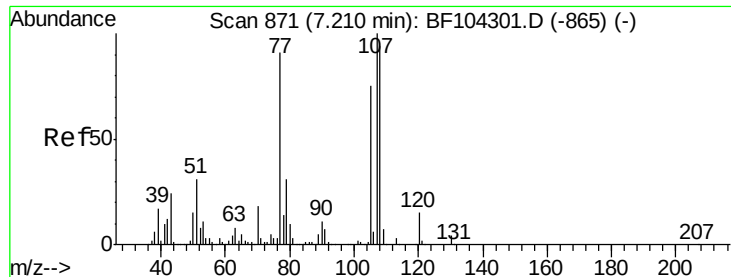
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 44.8 16.2 56.2





#20

3+4-Methylphenols

Concen: 45.709 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

Tot Ion:107 Resp: 402944

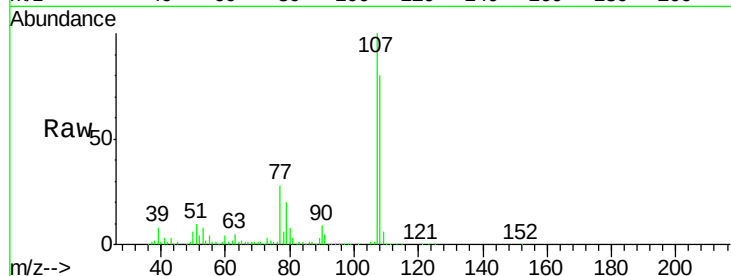
Ion Ratio Lower Upper

107 100

108 79.8 68.2 108.2

77 27.6 26.7 66.7

79 20.3 6.3 46.3

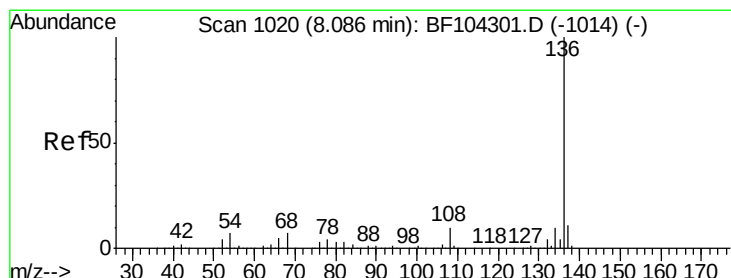
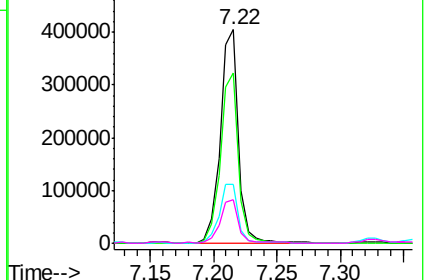
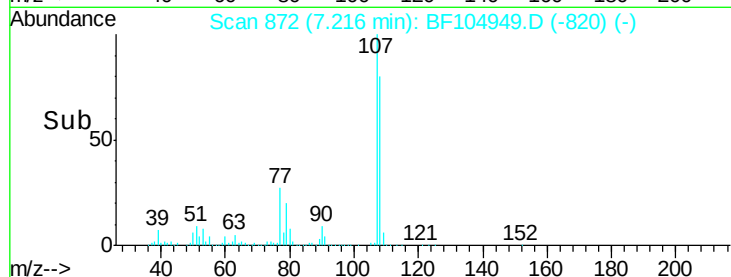


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Tgt Ion:136 Resp: 459178

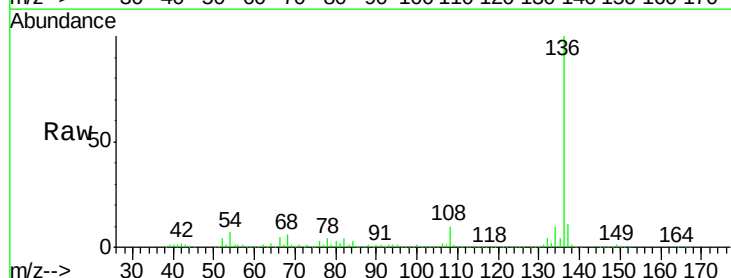
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

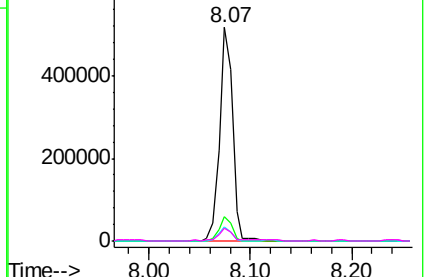
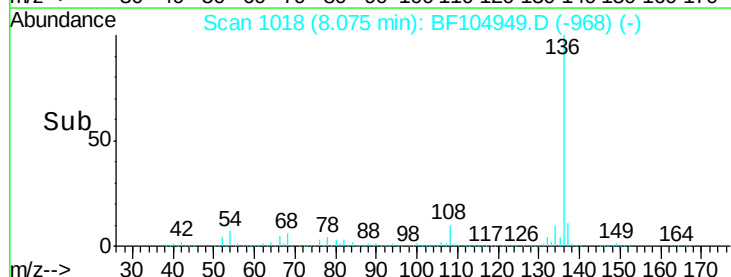


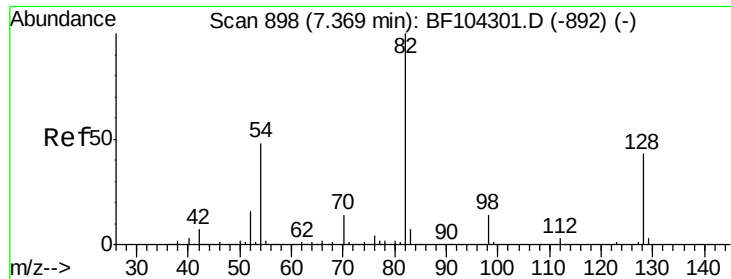
Abundance Ion 136.00 (135.70 to 136.70): E

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

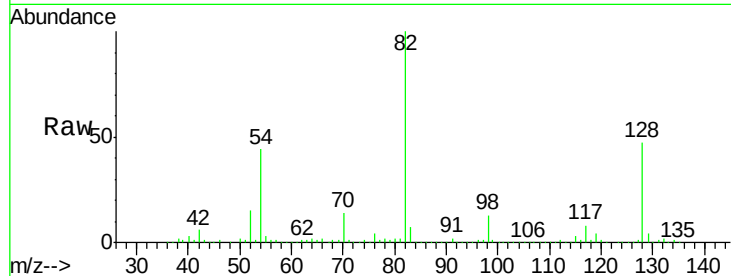




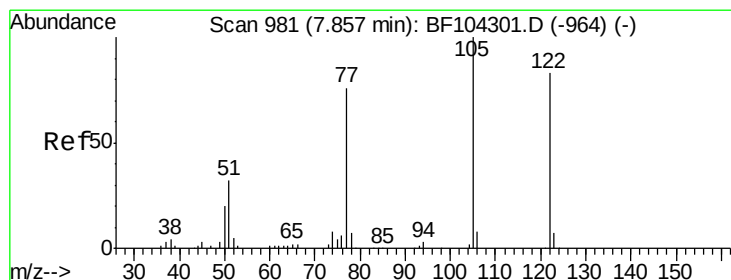
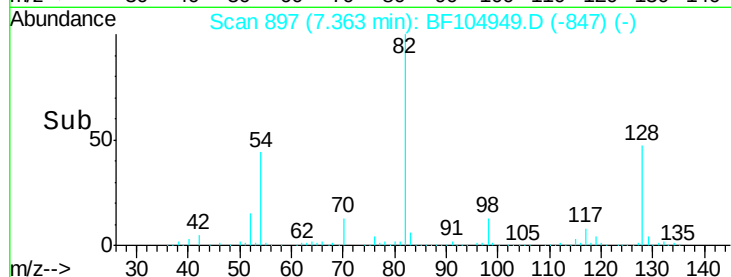
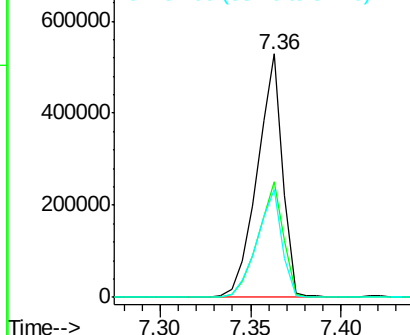
#23
Nitrobenzene-d5
Concen: 72.246 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104949.D
Acq: 30 Apr 2018 22:34

Instrument :
BNA_F
ClientSampleId :
LS-UB-102

Tot Ion	82	Resp	508039
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	44.2	41.4	62.2

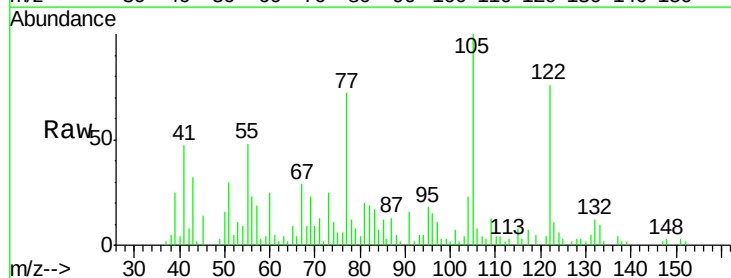


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

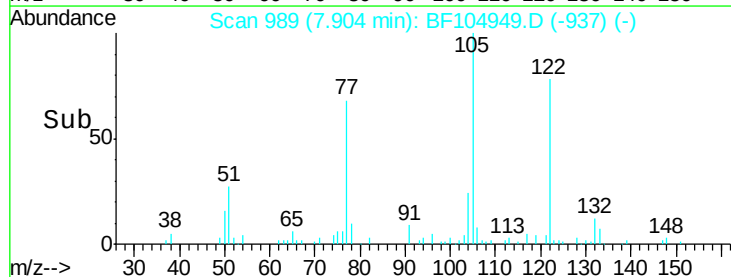
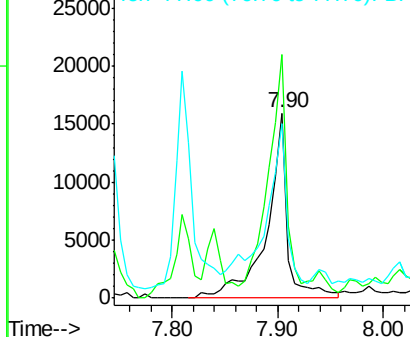


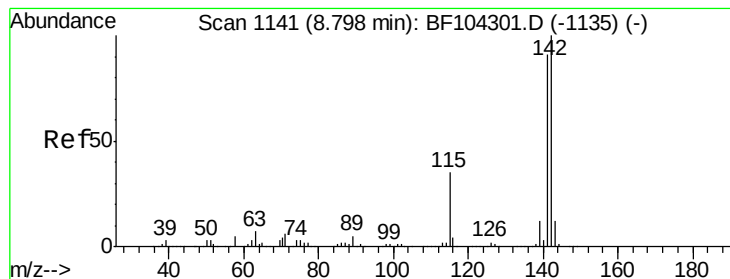
#32
Benzoic acid
Concen: 4.076 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF104949.D
Acq: 30 Apr 2018 22:34

Tgt Ion	122	Resp	21341
Ion Ratio	Lower	Upper	
122	100		
105	131.3	101.1	141.1
77	93.9	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 4.907 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

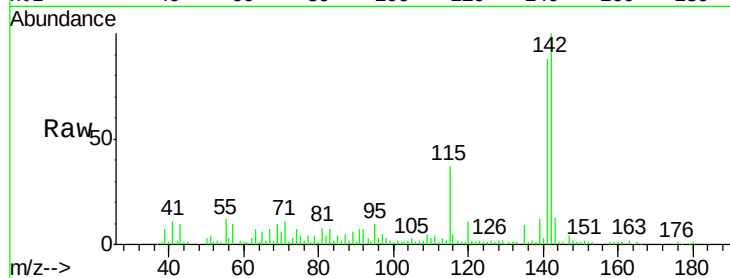
Tot Ion:142 Resp: 72568

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

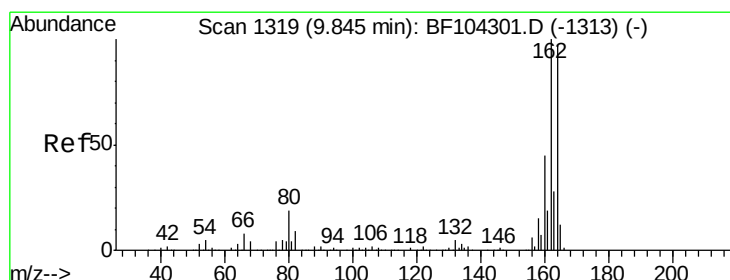
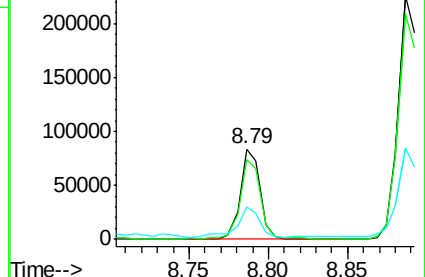
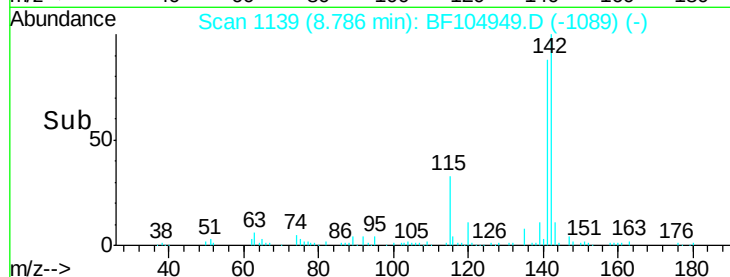
115 36.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

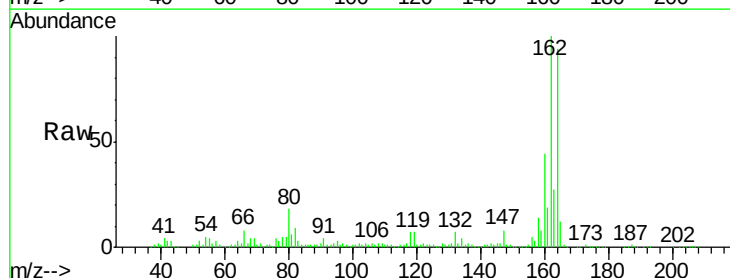
Tgt Ion:164 Resp: 186931

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

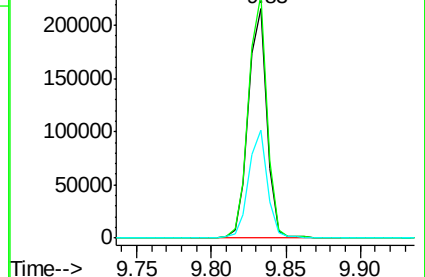
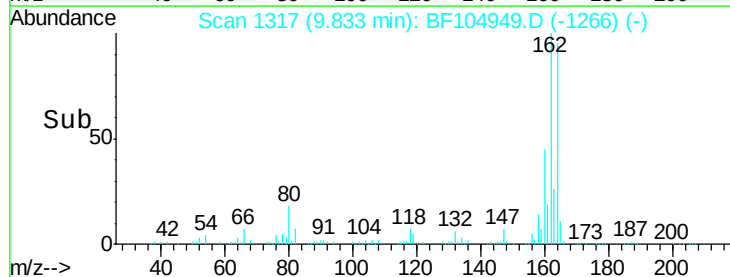
160 47.2 38.3 57.5

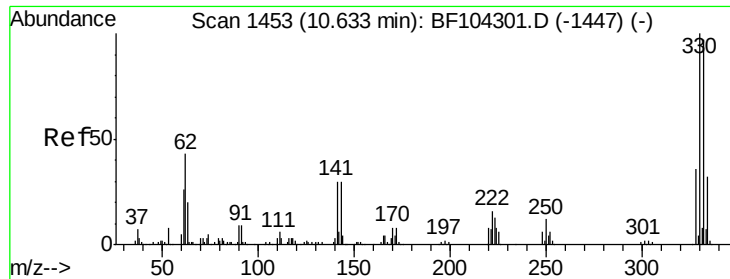


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

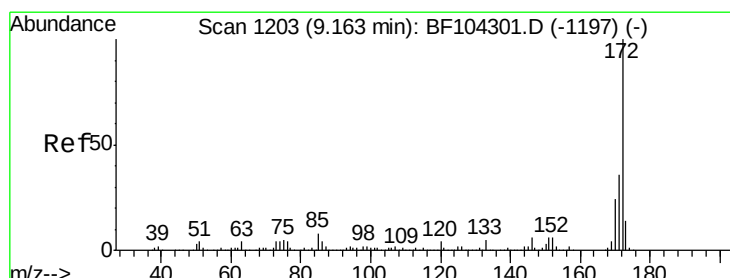
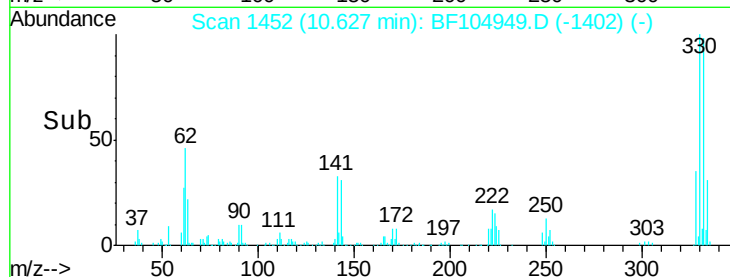
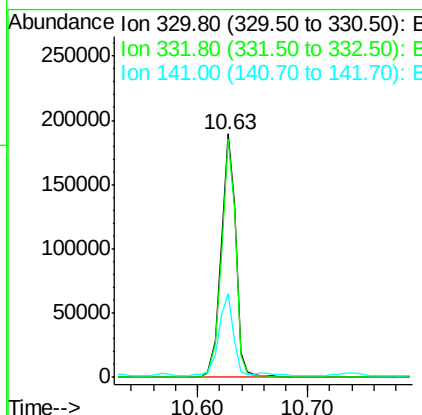
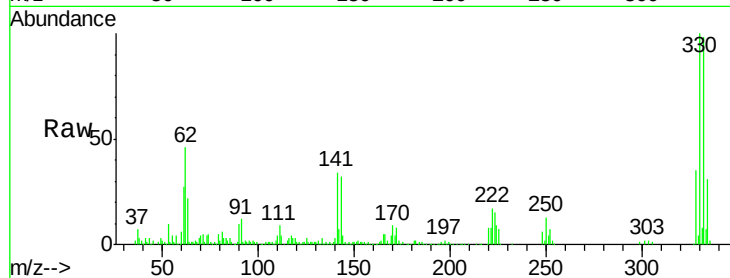




#41
 2,4,6-Tribromophenol
 Concen: 90.314 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

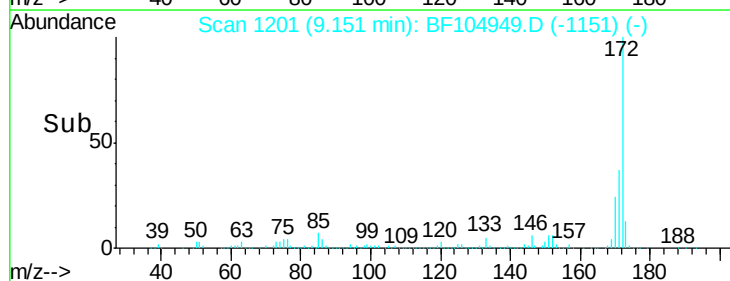
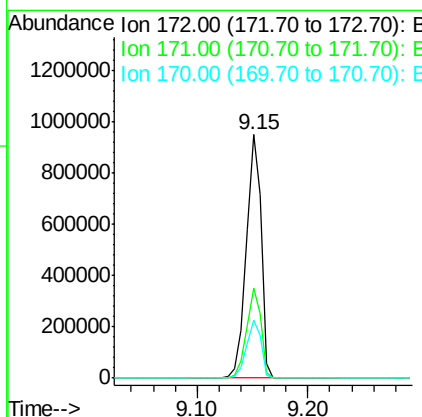
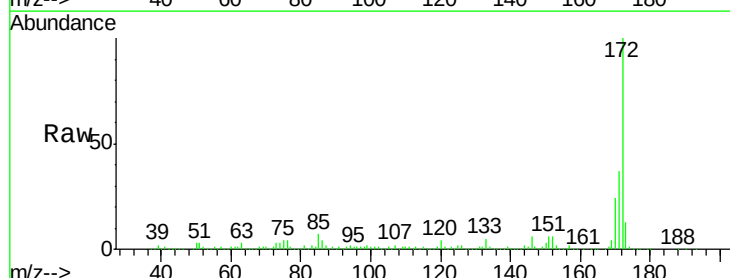
Instrument :
 BNA_F
 ClientSampleId :
 LS-UB-102

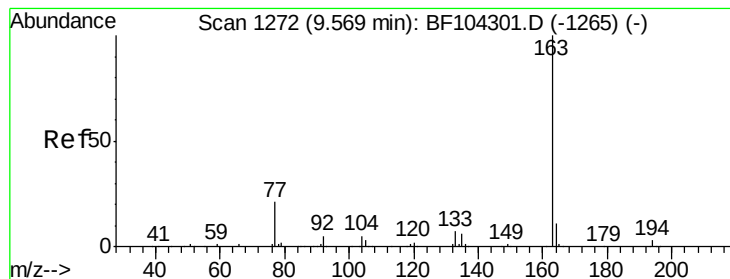
Tot Ion	330	Resp	175127
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	95.5		
141	32.9		
	29.9		
	44.9		



#44
 2-Fluorobiphenyl
 Concen: 75.792 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

Tgt Ion	172	Resp	896847
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
171	36.9		
170	23.9		
	19.6		
	29.4		





#49

Dimethylphthalate

Concen: 3.174 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

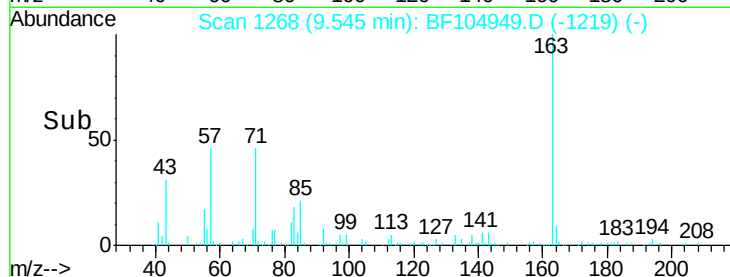
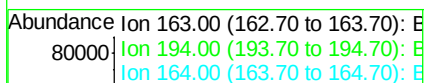
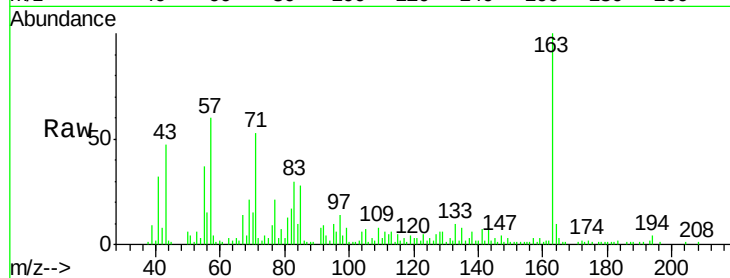
Tot Ion:163 Resp: 46794

Ion Ratio Lower Upper

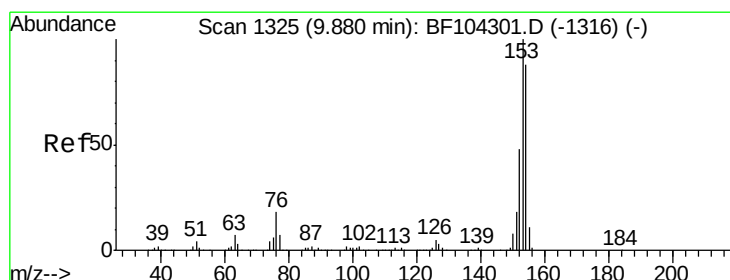
163 100

194 3.8 2.7 4.1

164 9.7 8.2 12.2



Time-->



#51

Acenaphthene

Concen: 6.565 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

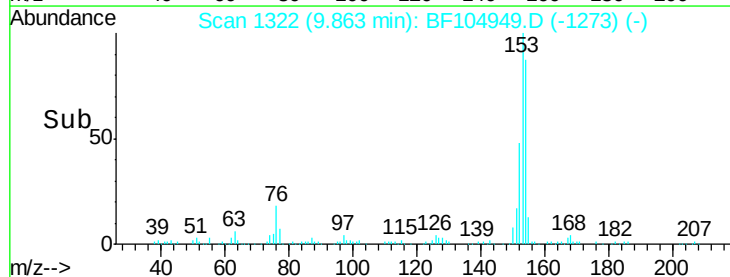
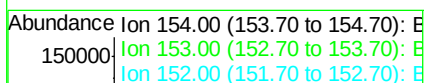
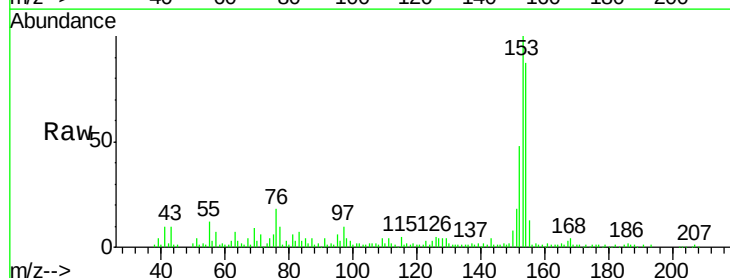
Tgt Ion:154 Resp: 77949

Ion Ratio Lower Upper

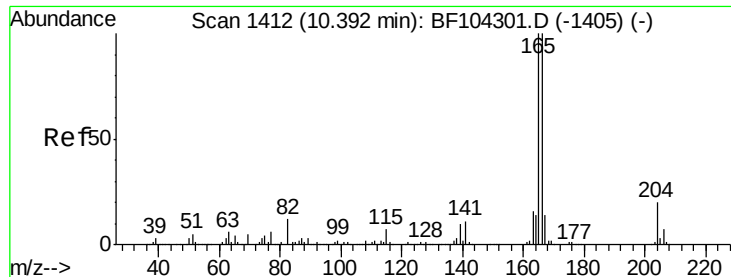
154 100

153 115.2 91.2 136.8

152 55.1 43.8 65.8



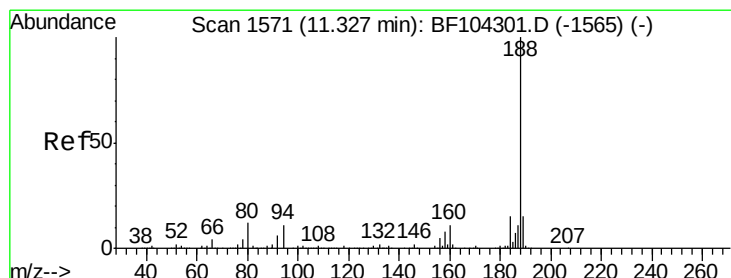
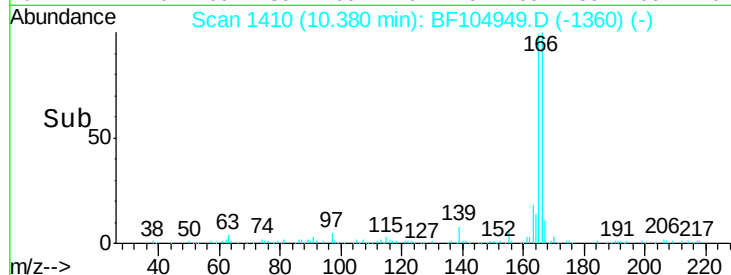
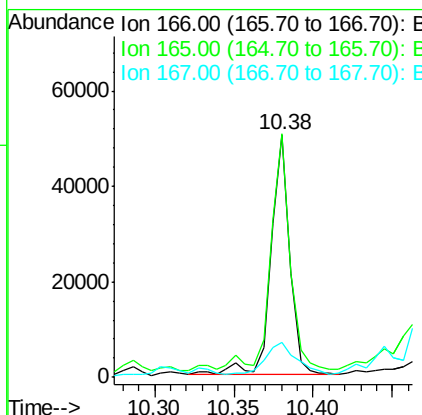
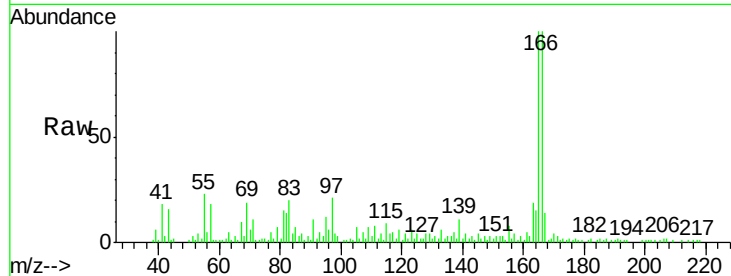
Time-->



#57
 Fluorene
 Concen: 3.507 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

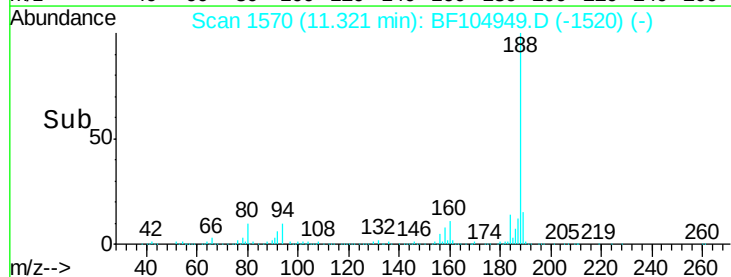
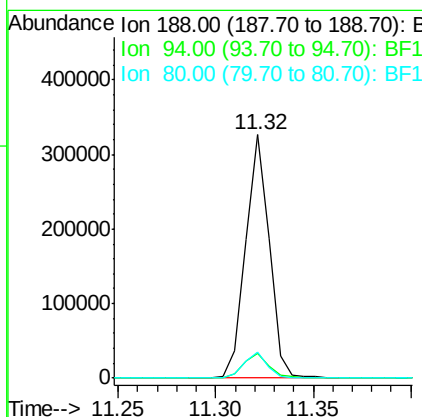
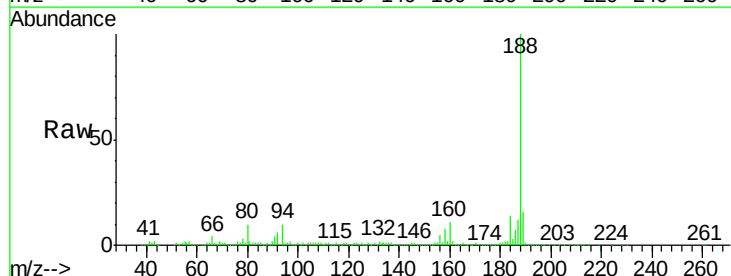
Instrument :
 BNA_F
 ClientSampleId :
 LS-UB-102

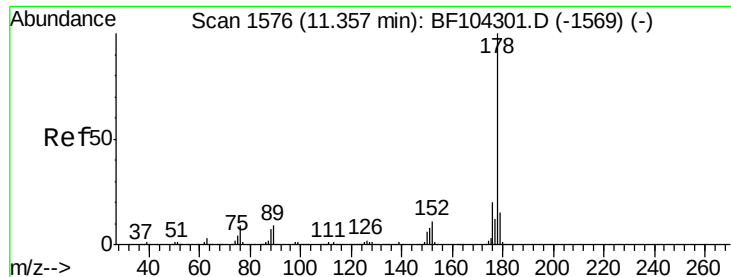
Tot Ion:166 Resp: 42242
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 14.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

Tgt Ion:188 Resp: 274978
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.4 9.2 13.8





#70

Phenanthrene

Concen: 4.109 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_F

ClientSampleId :

LS-UB-102

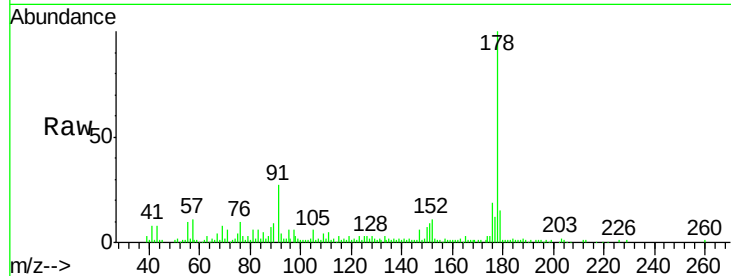
Tot Ion:178 Resp: 62920

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

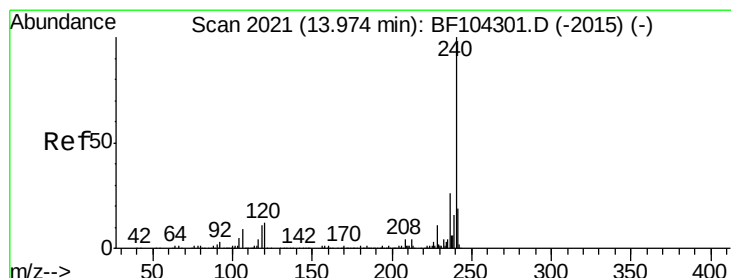
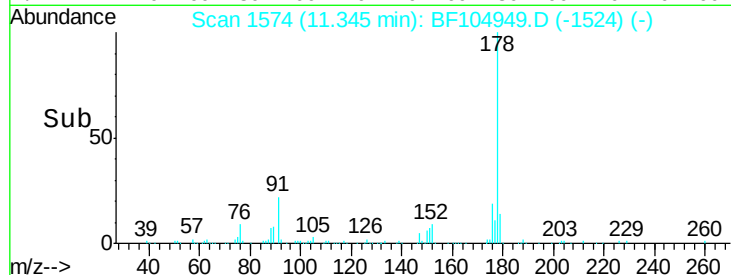
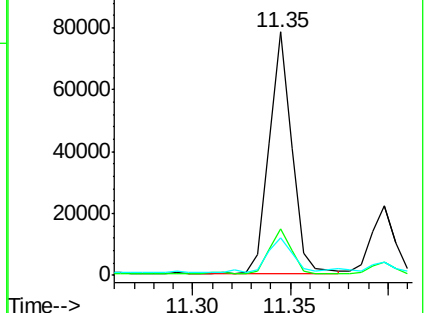
179 15.3 13.0 19.6



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104949.D

Acq: 30 Apr 2018 22:34

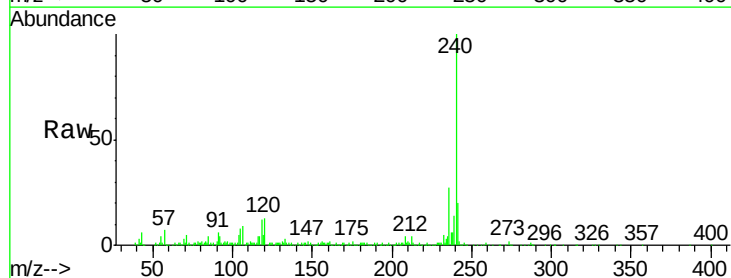
Tgt Ion:240 Resp: 212977

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

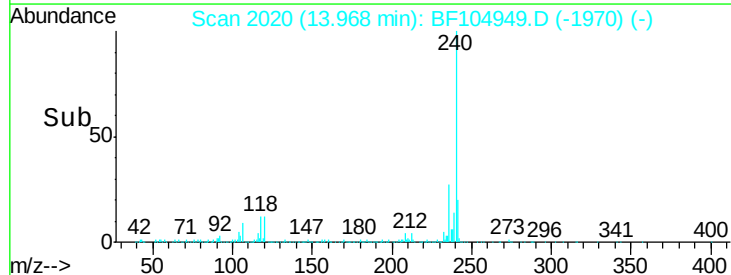
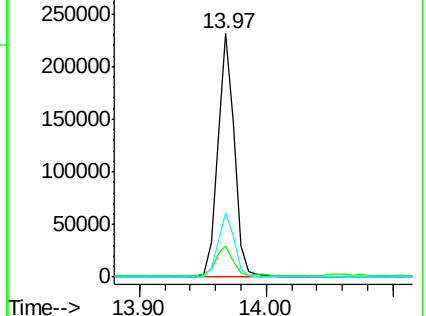
236 26.6 20.7 31.1

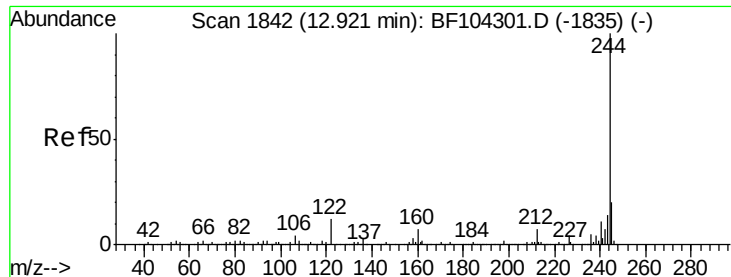


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

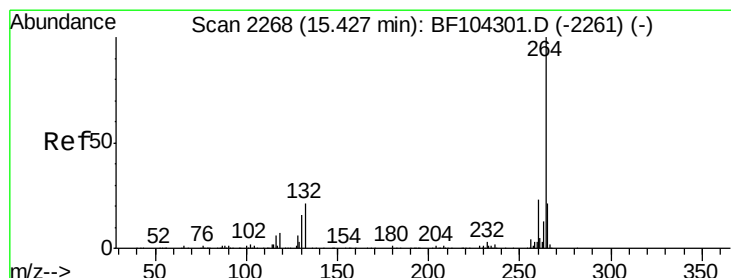
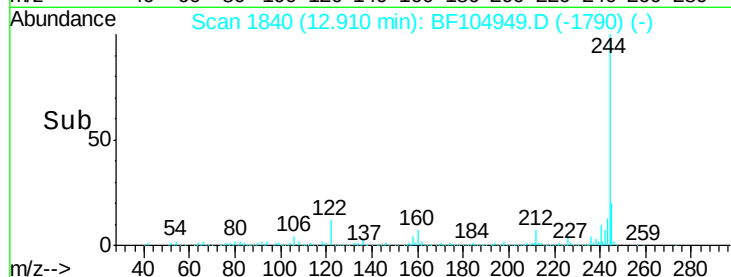
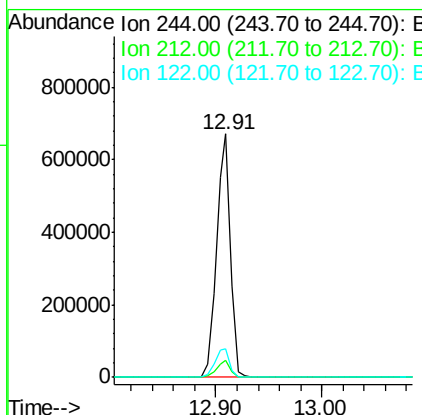
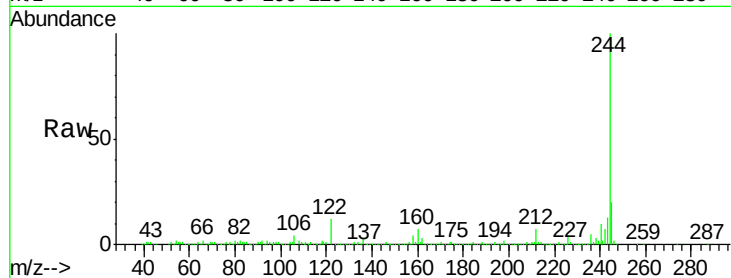




#78
 Terphenyl-d14
 Concen: 67.096 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 LS-UB-102

Tot Ion:244 Resp: 626799
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104949.D
 Acq: 30 Apr 2018 22:34

Tgt Ion:264 Resp: 166028
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.2 17.5 26.3

