

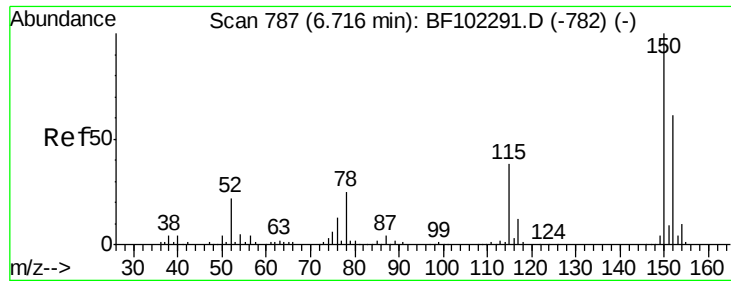
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102552.D
 Acq On : 28 Jan 2018 11:04
 Operator : SJ/JU
 Sample : J1321-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: Jan 29 01:02:58 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	6.71	152	178302	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	683420	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	274023	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	377341	20.00	ng	0.00
75) Chrysene-d12	13.87	240	301317	20.00	ng	0.00
86) Perylene-d12	15.30	264	255360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	607150	51.63	ng	0.00
7) Phenol-d6	6.35	99	462003	32.59	ng	-0.01
23) Nitrobenzene-d5	7.29	82	944063	79.38	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	238714	87.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1525584	81.86	ng	0.00
78) Terphenyl-d14	12.82	244	980935	73.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	47432	2.094	ng	Qvalue 100
51) Acenaphthene	9.78	154	47288	2.729	ng	99
57) Fluorene	10.29	166	62844	3.382	ng	99

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

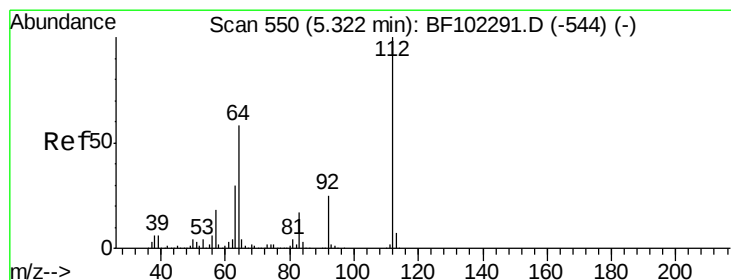
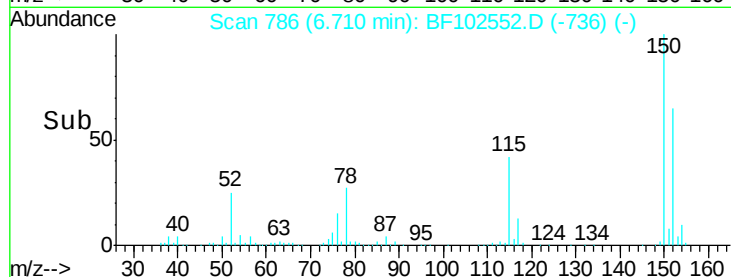
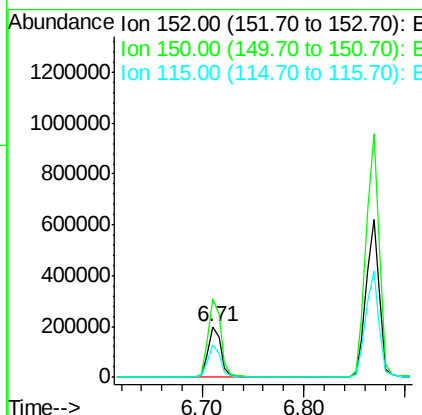
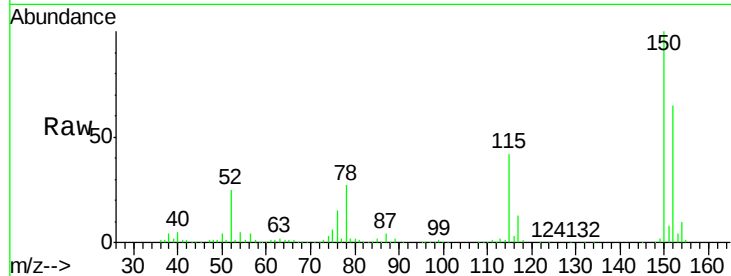


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

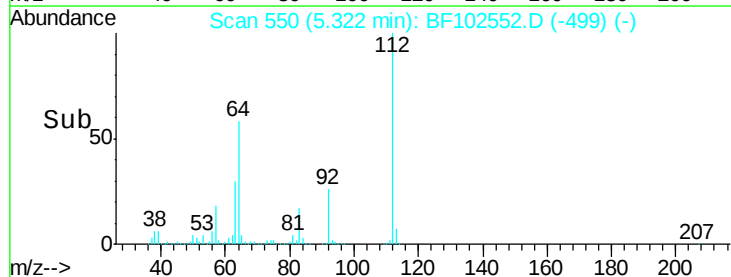
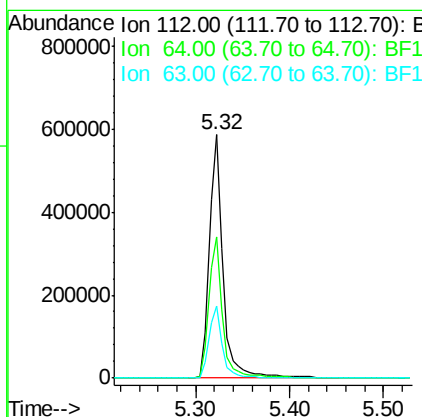
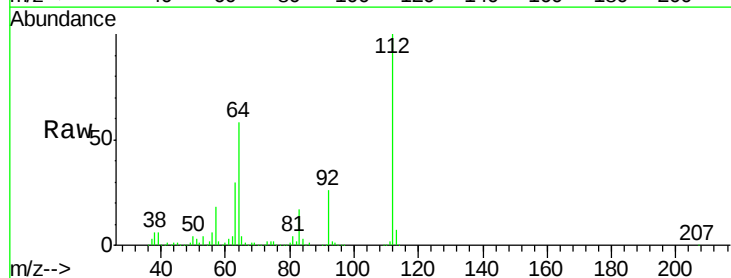
Tgt Ion:152 Resp: 178302
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 64.7 50.1 75.1

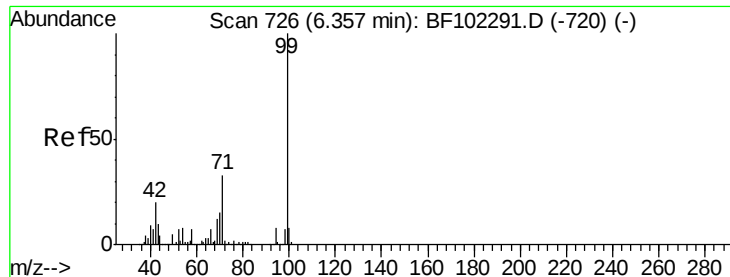


#5

2-Fluorophenol
Concen: 51.631 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:112 Resp: 607150
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 32.588 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102552.D

Acq: 28 Jan 2018 11:04

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

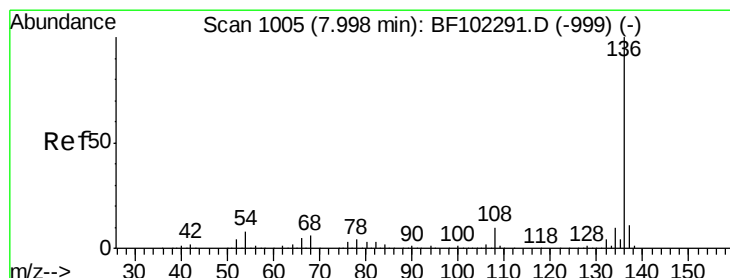
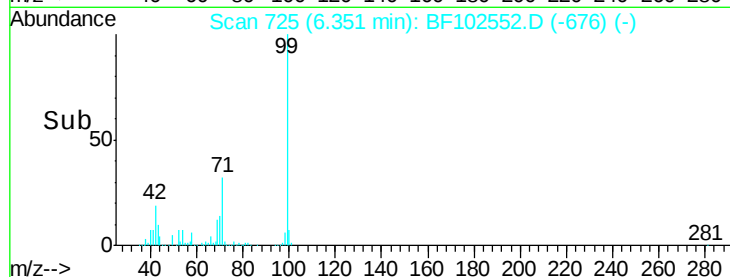
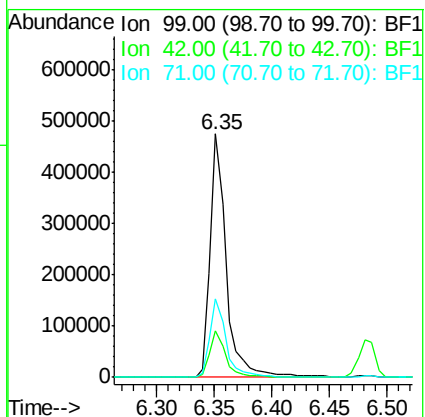
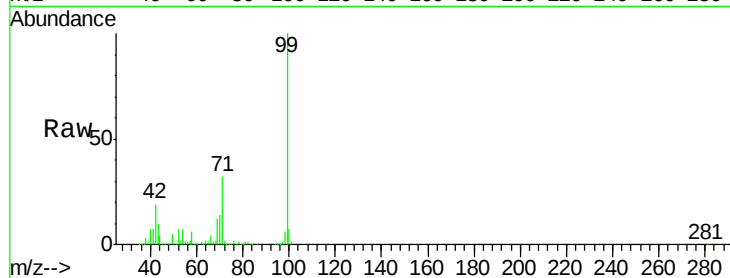
Tgt Ion: 99 Resp: 462003

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102552.D

Acq: 28 Jan 2018 11:04

Tgt Ion: 136 Resp: 683420

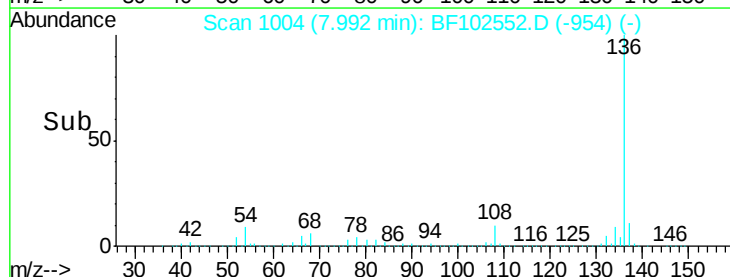
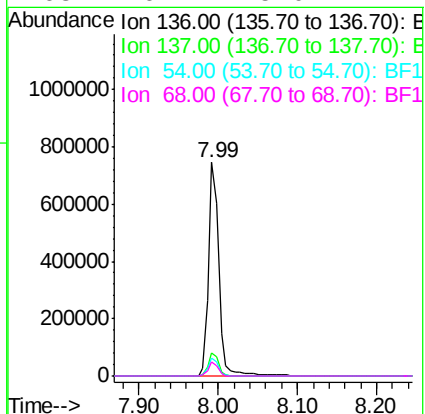
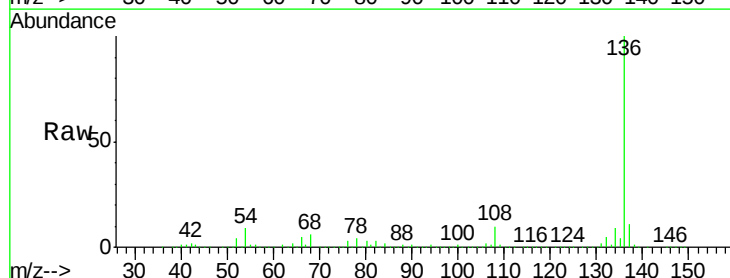
Ion Ratio Lower Upper

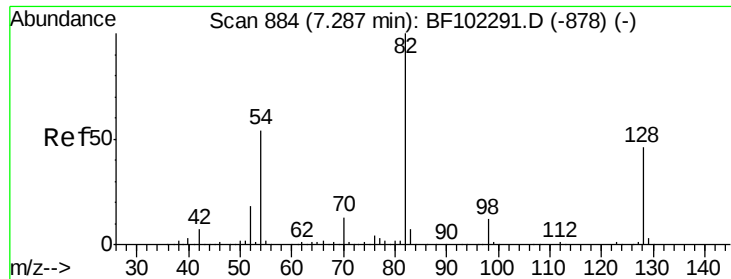
136 100

137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 6.4 5.0 7.4

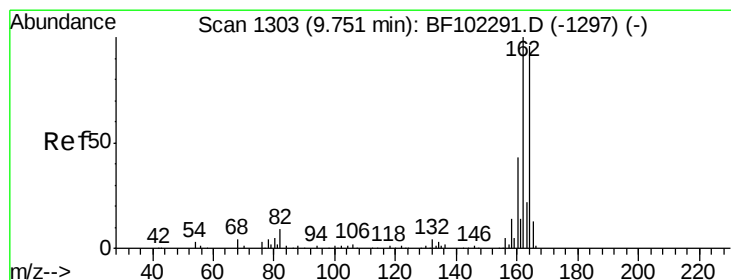
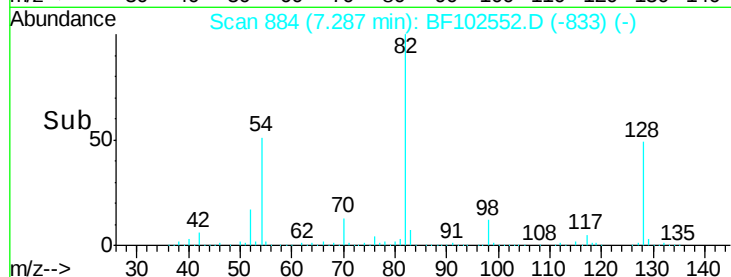
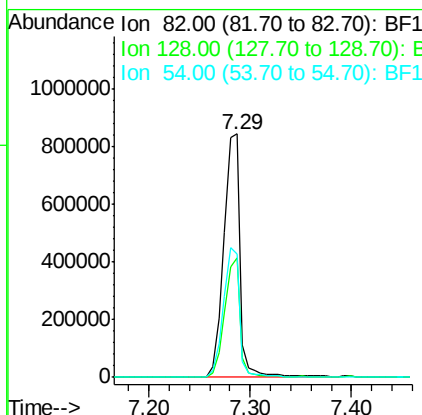
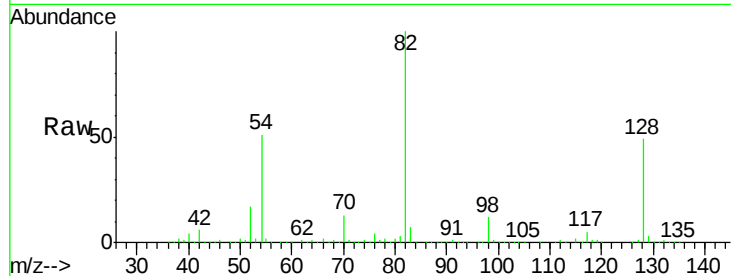




#23
 Nitrobenzene-d5
 Concen: 79.384 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

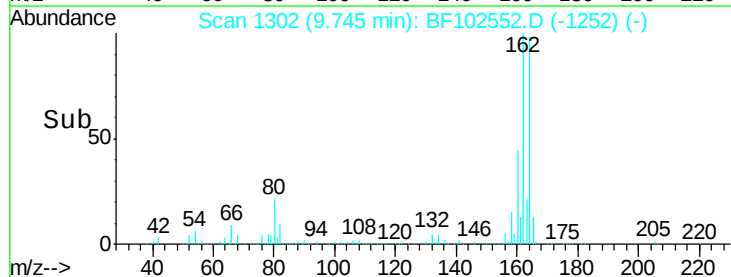
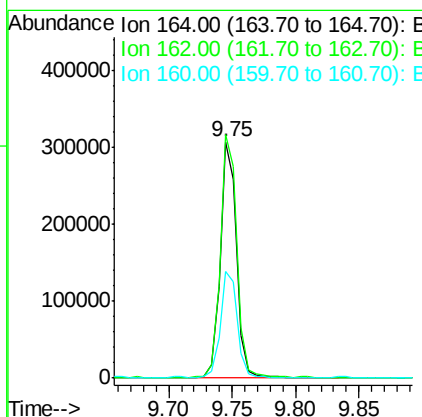
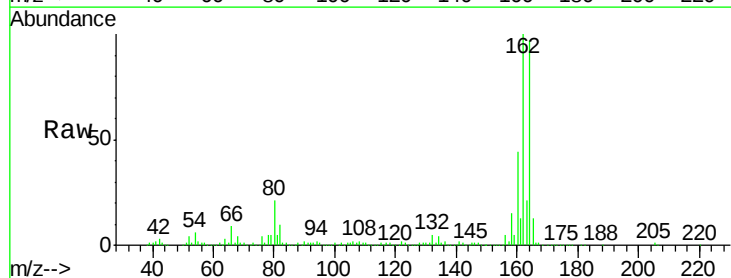
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

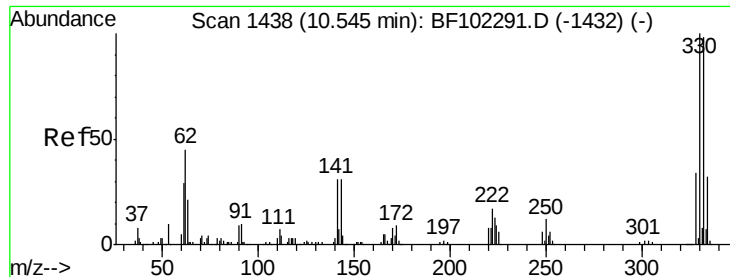
Tgt Ion: 82 Resp: 944063
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 50.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

Tgt Ion: 164 Resp: 274023
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.9 38.3 57.5

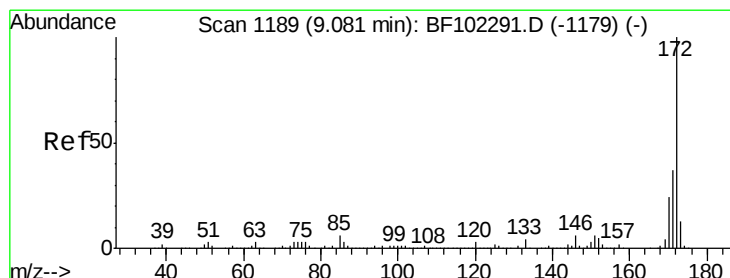
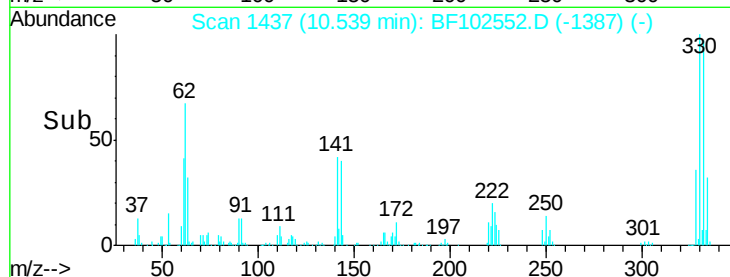
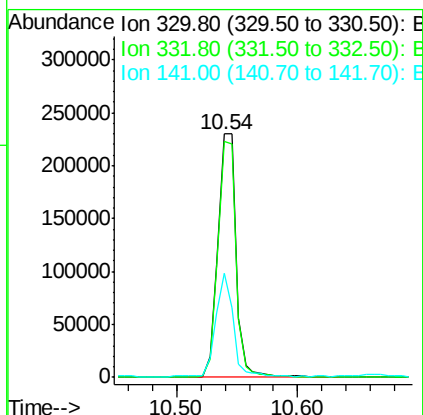
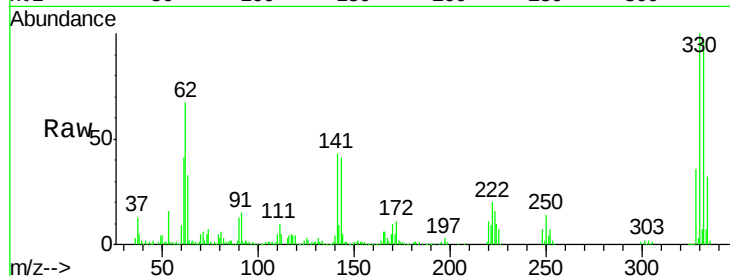




#41
 2,4,6-Tribromophenol
 Concen: 87.918 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

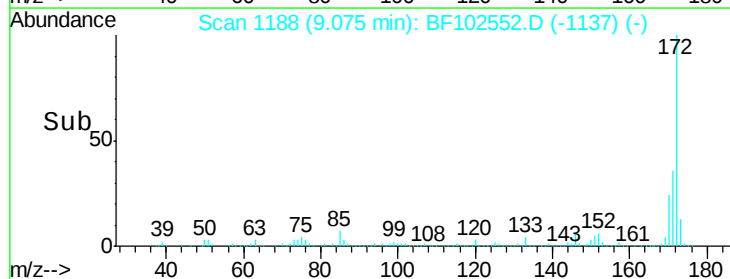
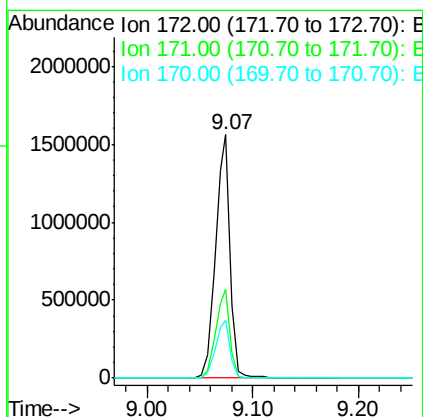
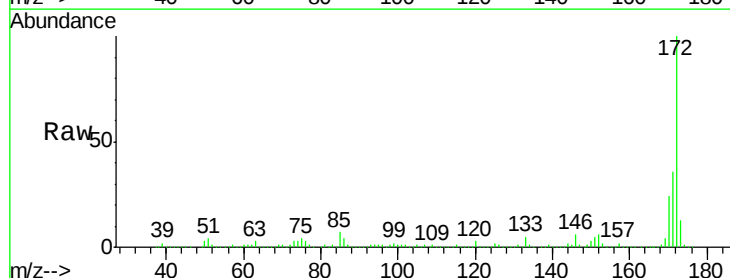
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

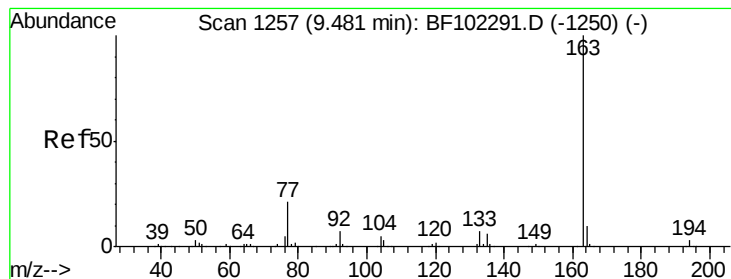
Tgt Ion:330 Resp: 238714
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 81.860 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

Tgt Ion:172 Resp: 1525584
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4





#49

Dimethylphthalate

Concen: 2.094 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102552.D

Acq: 28 Jan 2018 11:04

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

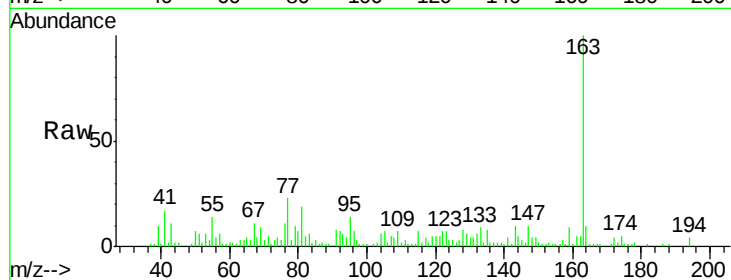
Tgt Ion:163 Resp: 47432

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

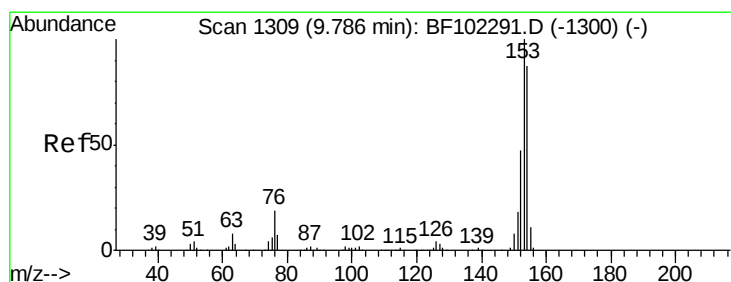
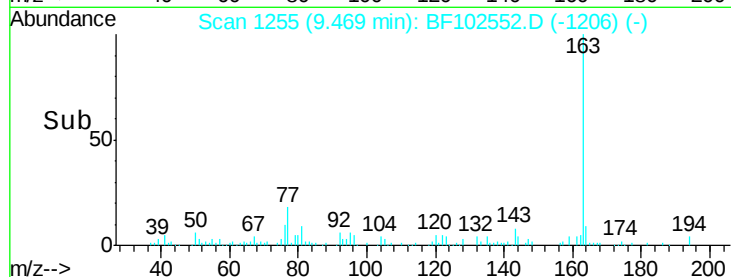
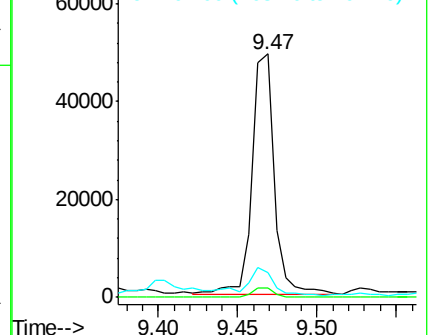
164 10.2 8.2 12.2



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



#51

Acenaphthene

Concen: 2.729 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102552.D

Acq: 28 Jan 2018 11:04

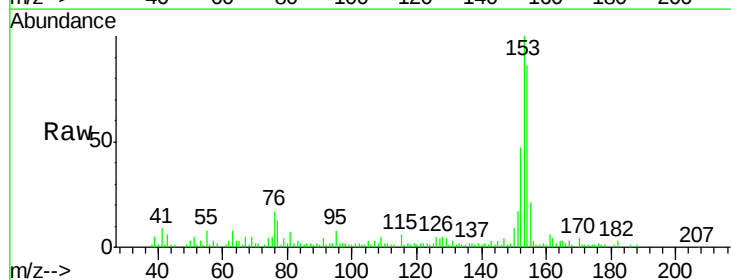
Tgt Ion:154 Resp: 47288

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

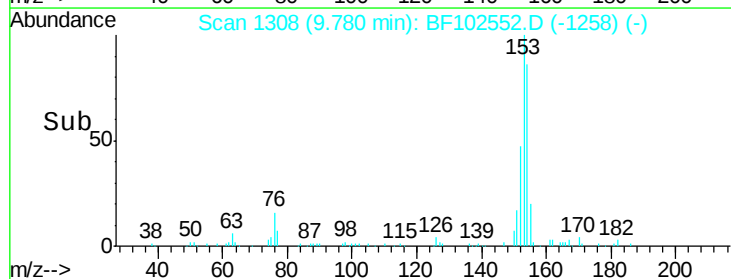
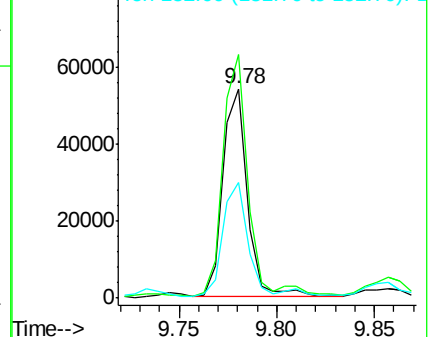
152 54.9 43.8 65.8

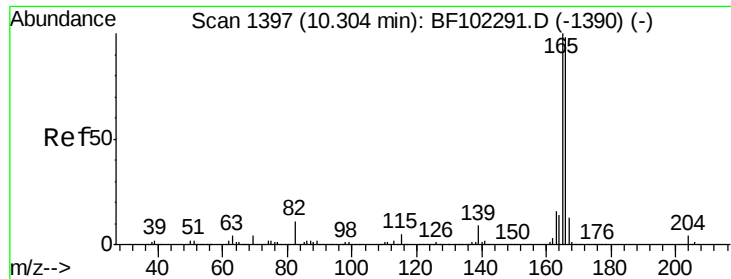


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

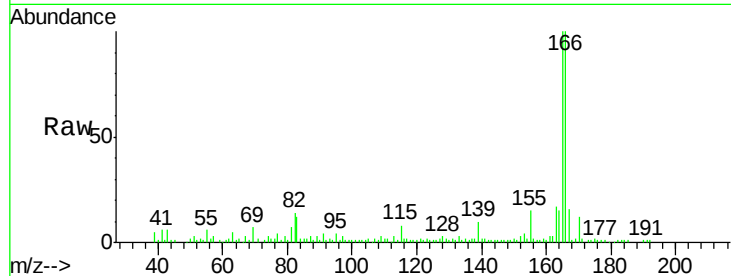




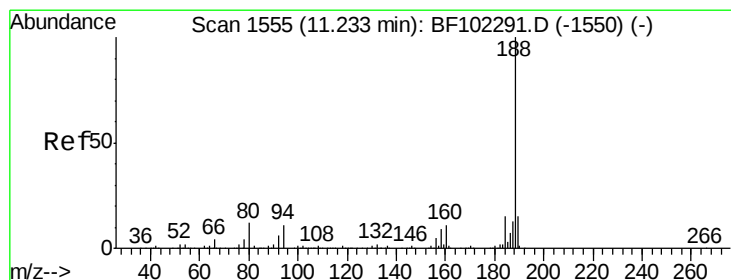
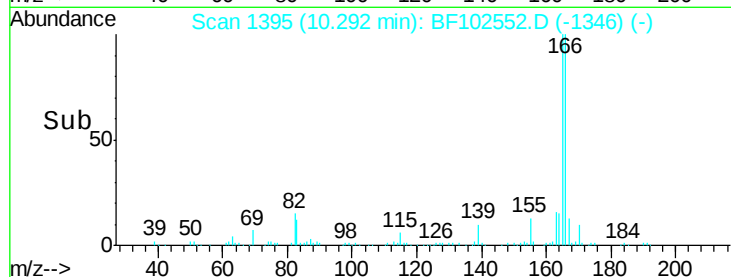
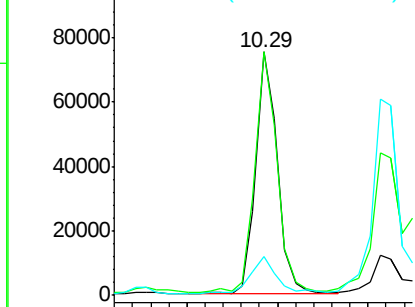
#57
 Fluorene
 Concen: 3.382 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tgt Ion:166 Resp: 62844
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 15.7 10.6 16.0

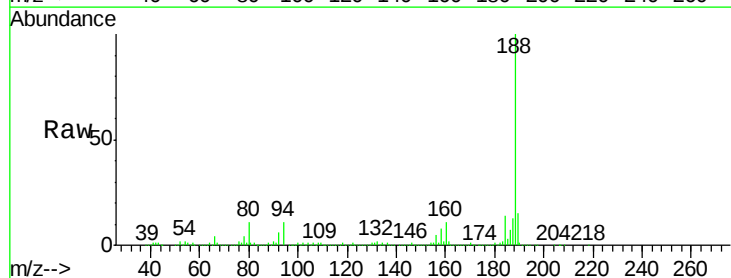


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

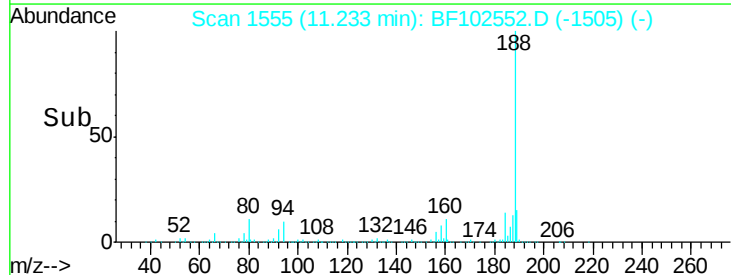
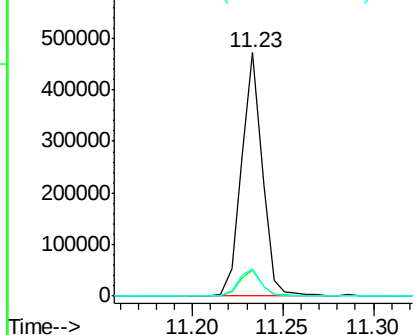


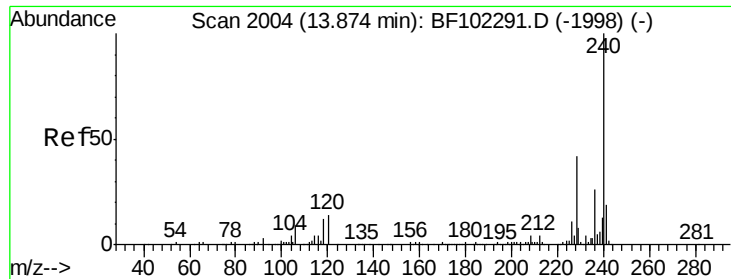
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102552.D
 Acq: 28 Jan 2018 11:04

Tgt Ion:188 Resp: 377341
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.4 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

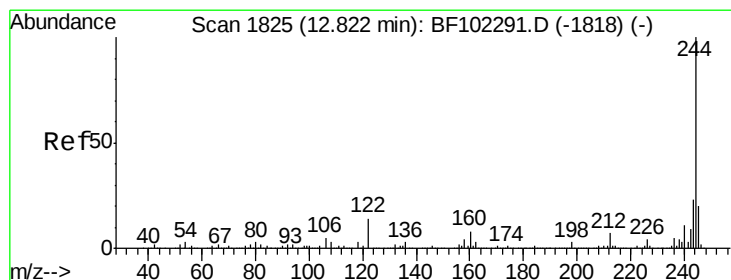
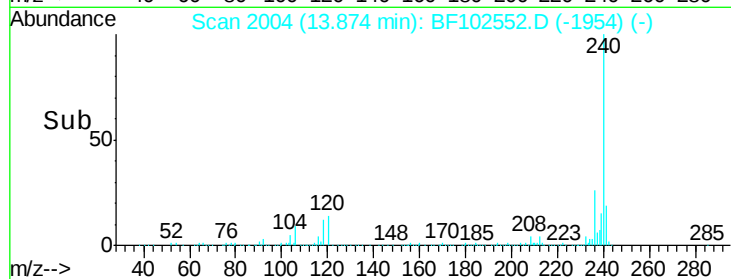
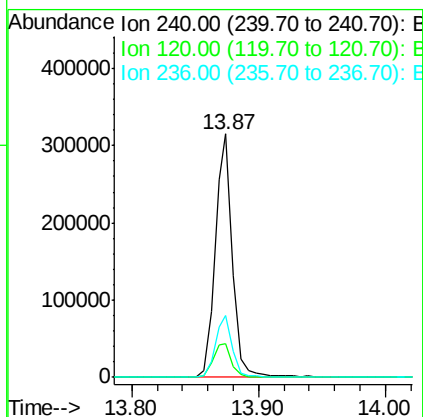
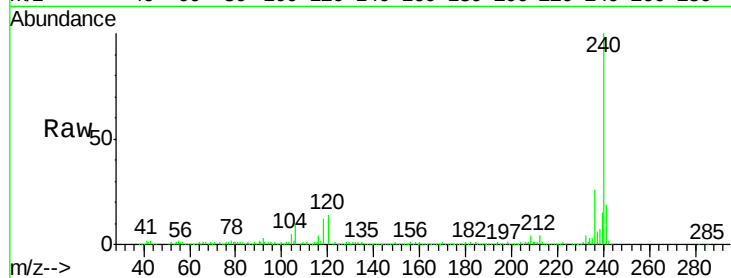




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

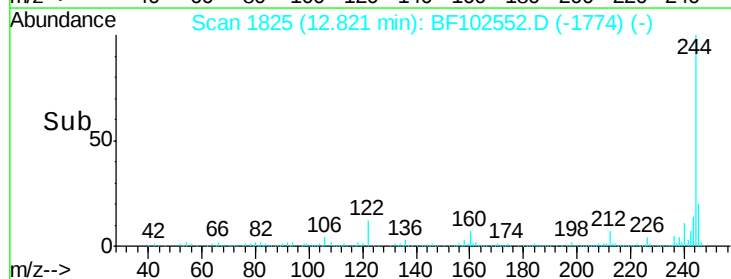
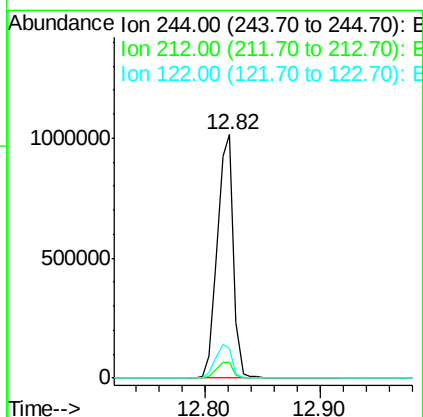
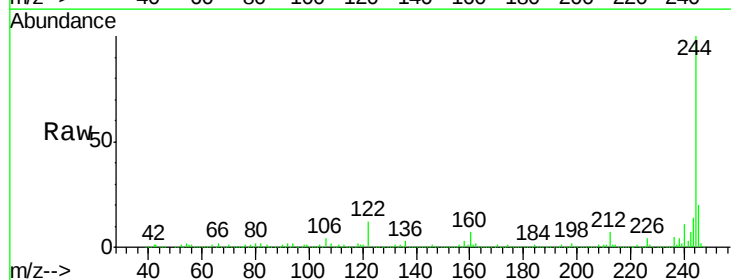
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

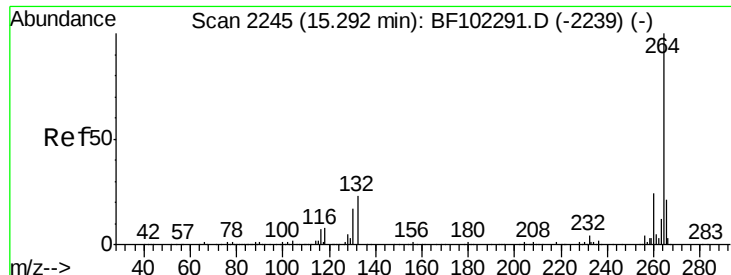
Tgt Ion:240 Resp: 301317
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.5 20.7 31.1



#78
Terphenyl-d14
Concen: 73.390 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:244 Resp: 980935
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 12.2 11.0 16.4

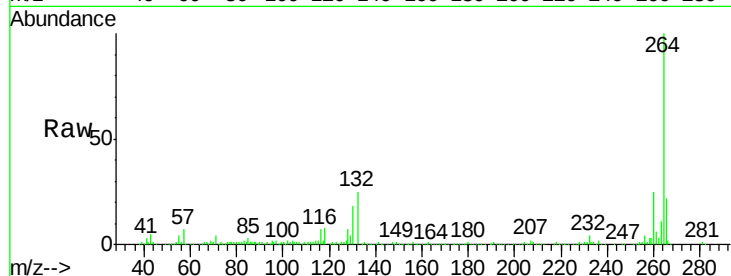




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	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

