

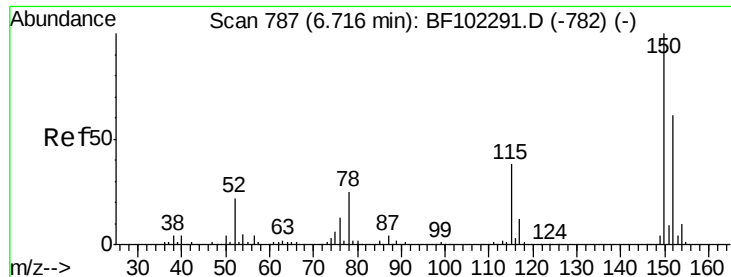
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102538.D
 Acq On : 28 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1307-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-202

Quant Time: Jan 29 00:17:56 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	196105	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	739953	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	300621	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	434866	20.00	ng	0.00
75) Chrysene-d12	13.87	240	317612	20.00	ng	0.00
86) Perylene-d12	15.30	264	251611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1334015	103.14	ng	0.01
7) Phenol-d6	6.36	99	1676370	107.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	1012415	78.63	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	236207	79.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1485904	72.68	ng	0.00
78) Terphenyl-d14	12.82	244	1002273	71.14	ng	0.00
Target Compounds						
10) Phenol	6.37	94	61149	3.592	ng	98
49) Dimethylphthalate	9.47	163	123720	4.979	ng	97

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

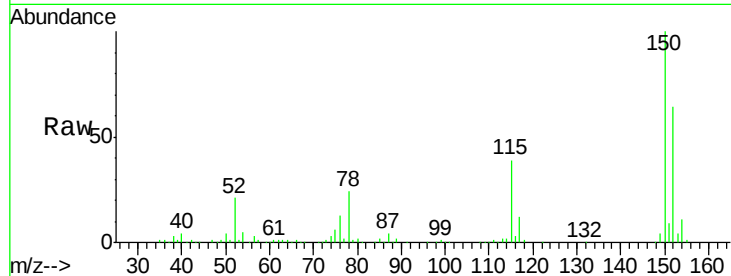


#1

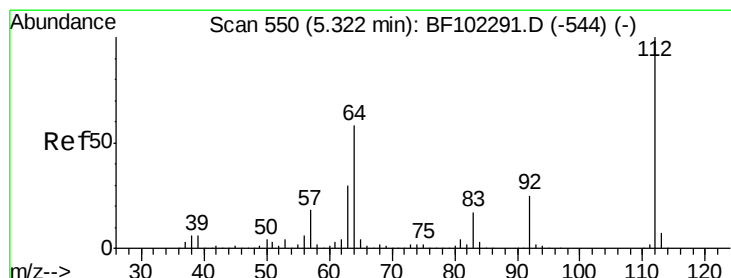
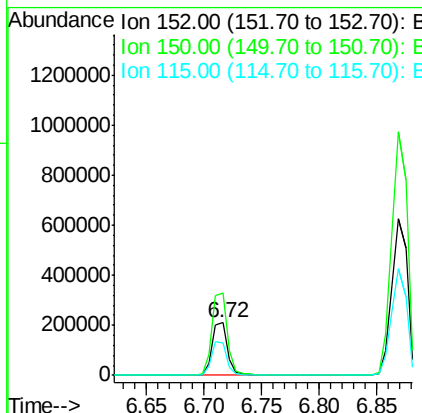
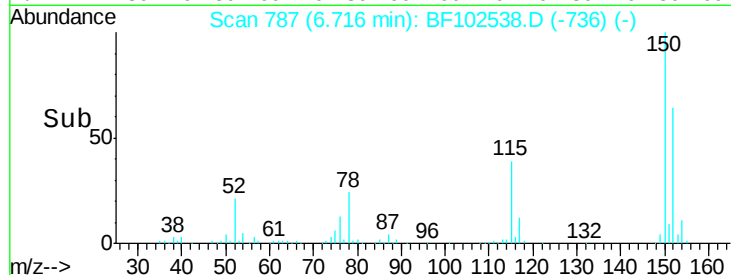
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102538.D
Acq: 28 Jan 2018 3:53

Instrument :
BNA_F
ClientSampleId :
MANHOLE-202

Tgt Ion:152 Resp: 196105
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.5 50.1 75.1



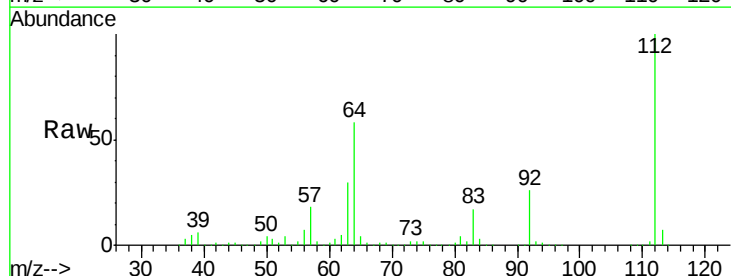
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



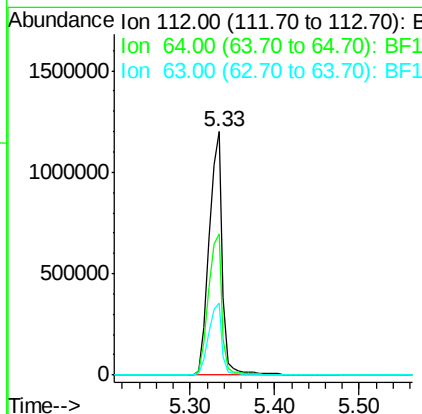
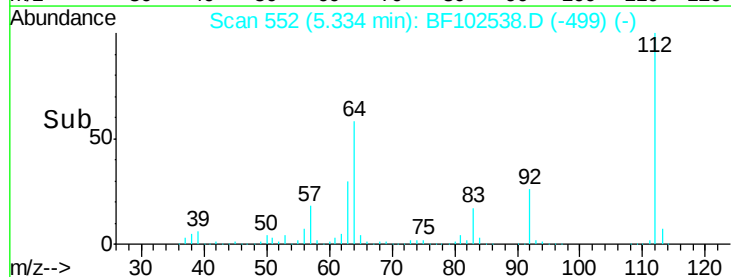
#5

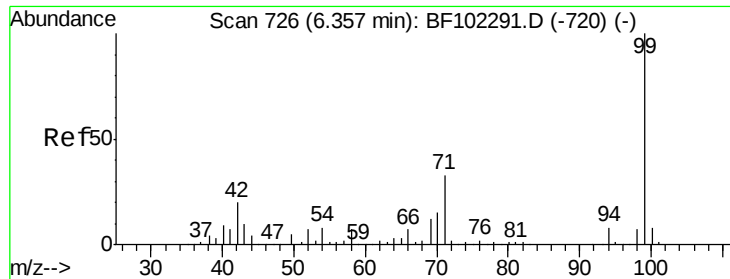
2-Fluorophenol
Concen: 103.144 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102538.D
Acq: 28 Jan 2018 3:53

Tgt Ion:112 Resp: 1334015
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.7 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: 107.512 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102538.D

Acq: 28 Jan 2018 3:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-202

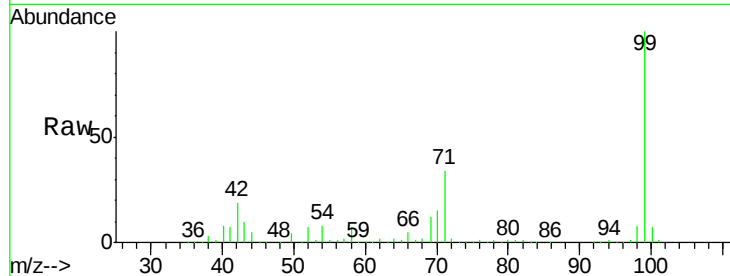
Tgt Ion: 99 Resp: 1676370

Ion Ratio Lower Upper

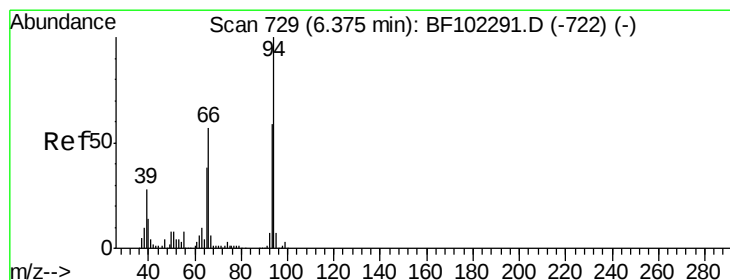
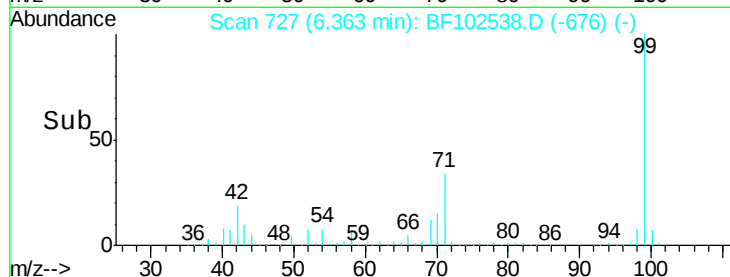
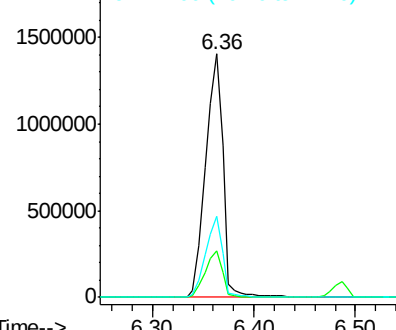
99 100

42 19.2 14.5 21.7

71 33.6 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



#10

Phenol

Concen: 3.592 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102538.D

Acq: 28 Jan 2018 3:53

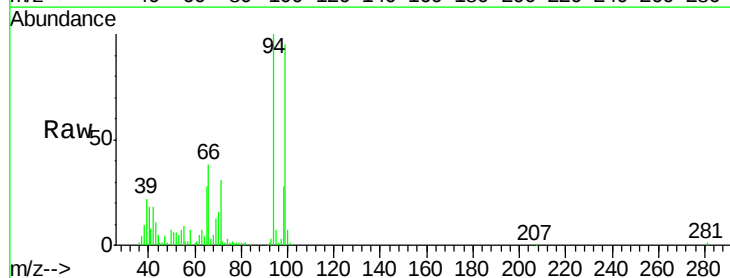
Tgt Ion: 94 Resp: 61149

Ion Ratio Lower Upper

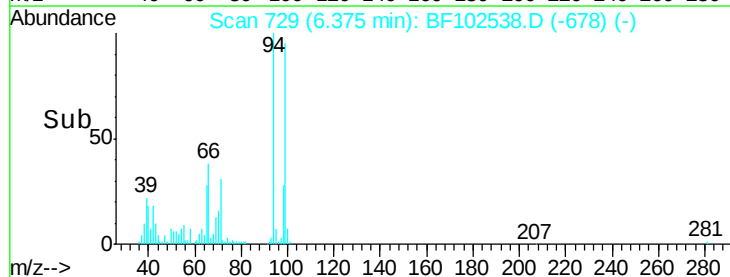
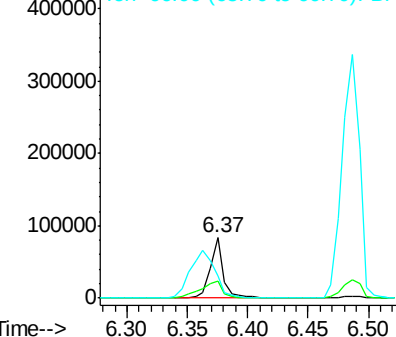
94 100

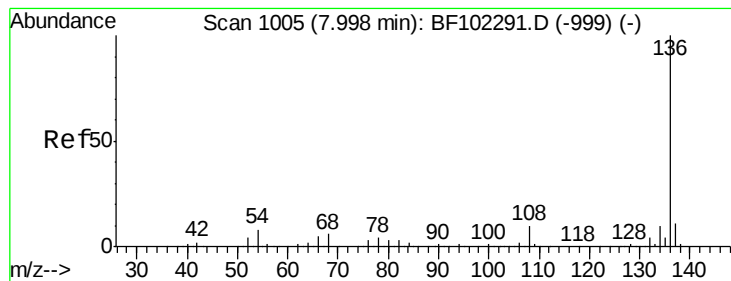
65 28.4 7.9 47.9

66 37.7 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: BF102538.D

Acq: 28 Jan 2018 3:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-202

Tgt Ion:136 Resp: 739953

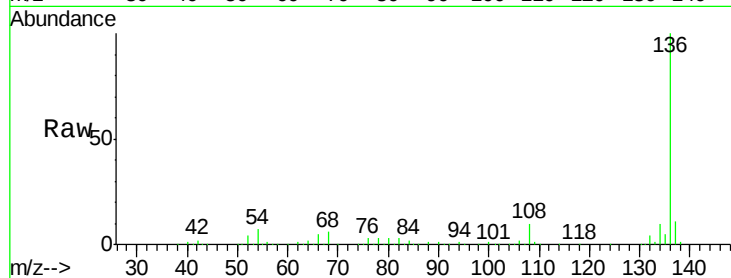
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

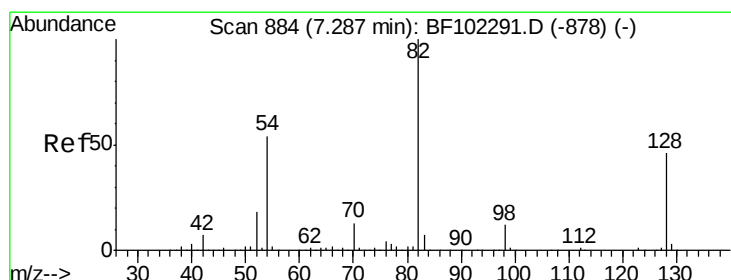
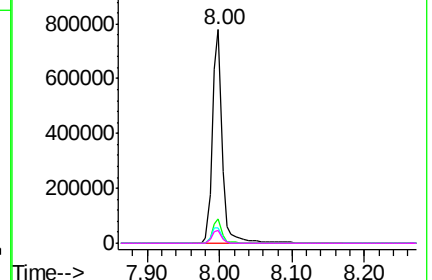
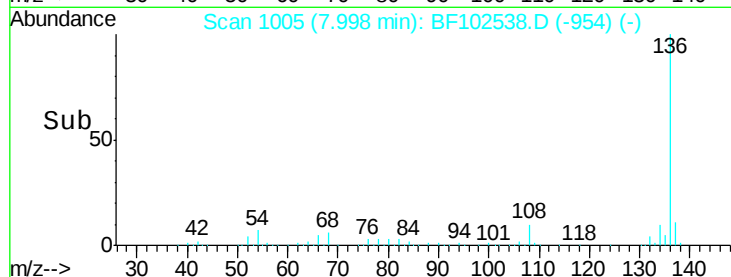


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.627 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102538.D

Acq: 28 Jan 2018 3:53

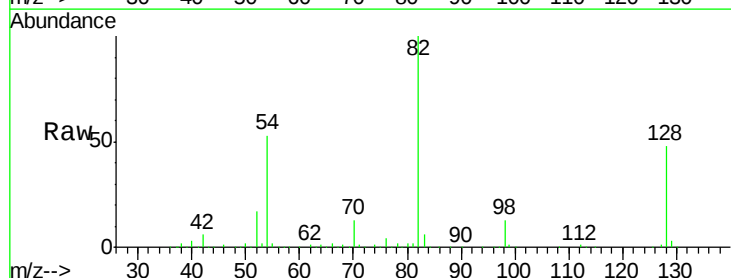
Tgt Ion: 82 Resp: 1012415

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

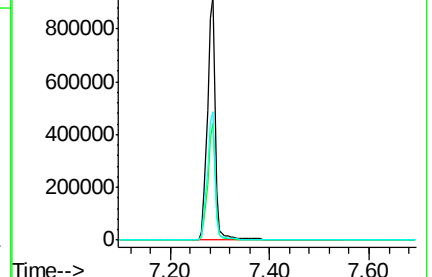
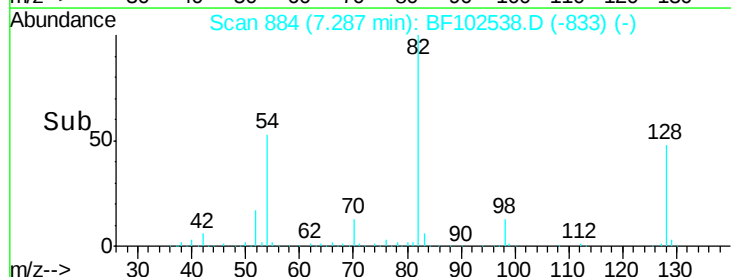
54 52.9 41.4 62.2

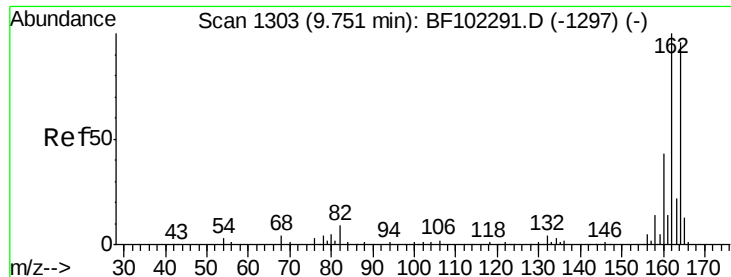


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102538.D

Acq: 28 Jan 2018 3:53

Instrument :

BNA_F

ClientSampleId :

MANHOLE-202

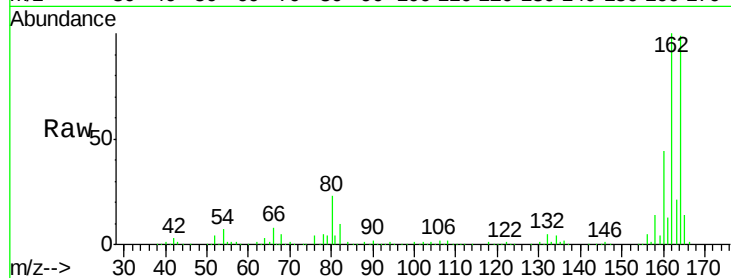
Tgt Ion:164 Resp: 300621

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

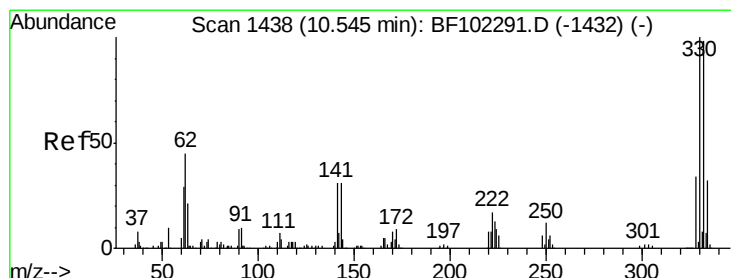
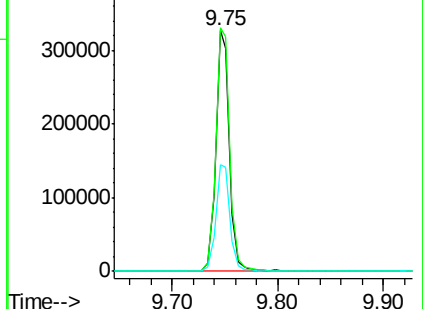
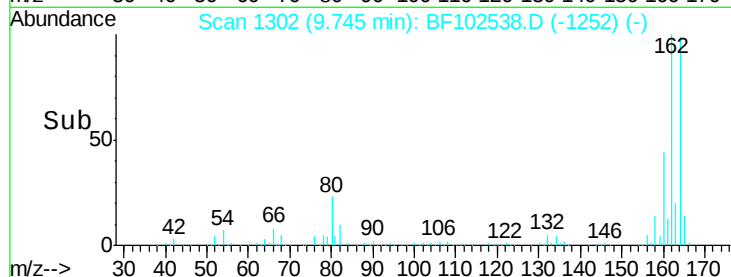
160 44.6 38.3 57.5



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: 79.298 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102538.D

Acq: 28 Jan 2018 3:53

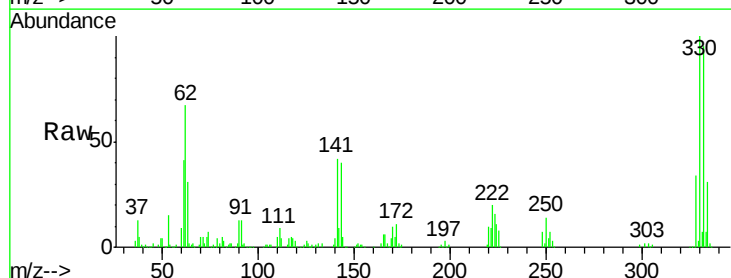
Tgt Ion:330 Resp: 236207

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

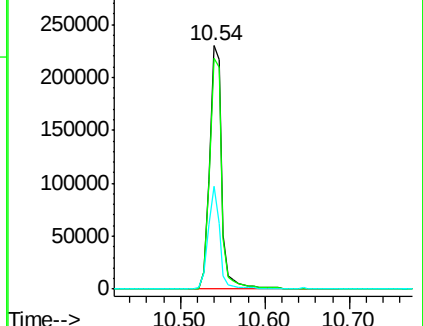
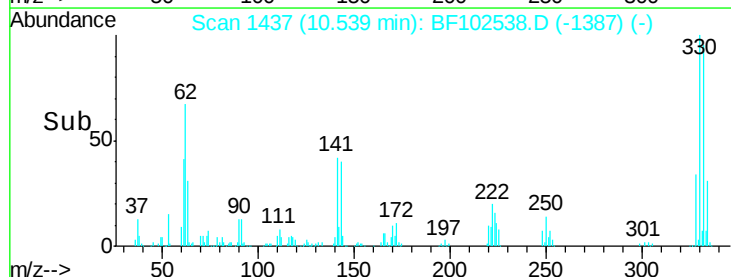
141 39.6 29.9 44.9

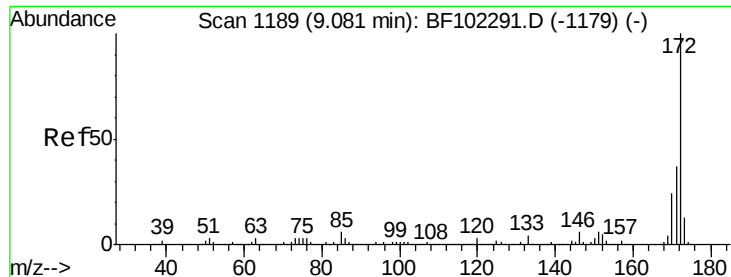


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

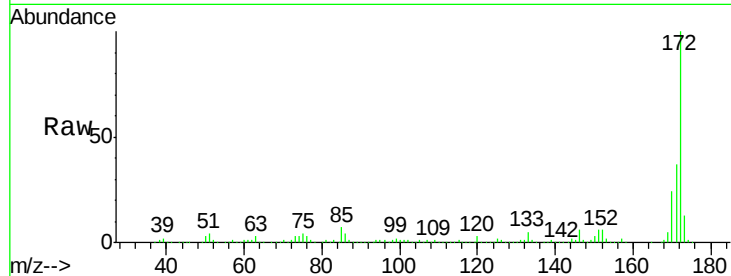




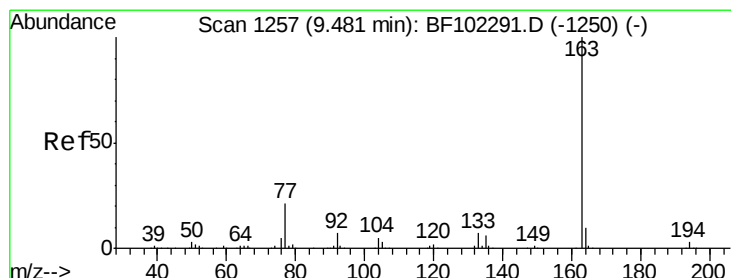
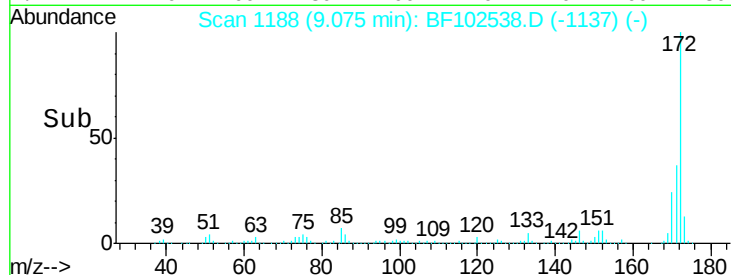
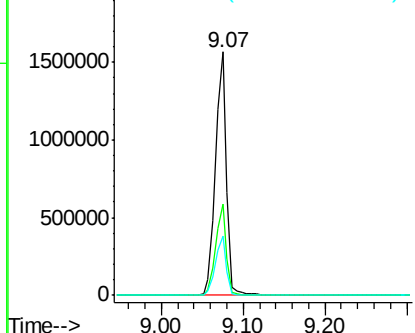
#44
 2-Fluorobiphenyl
 Concen: 72.676 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102538.D
 Acq: 28 Jan 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-202

Tgt Ion:172 Resp: 1485904
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.4 19.6 29.4

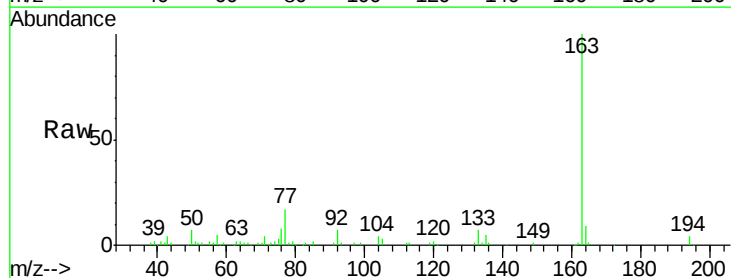


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

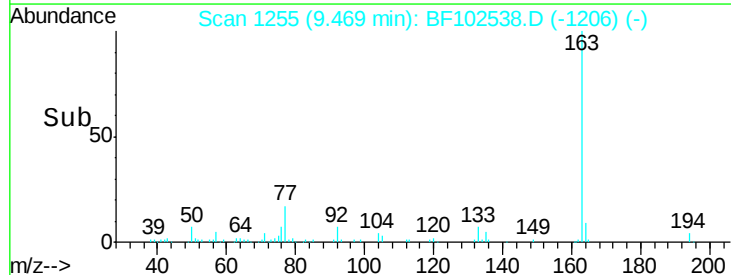
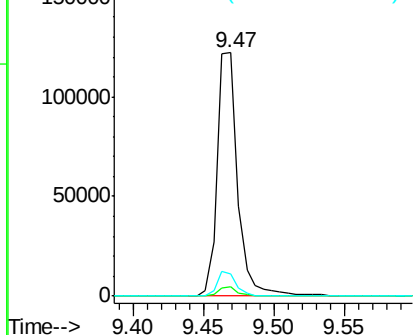


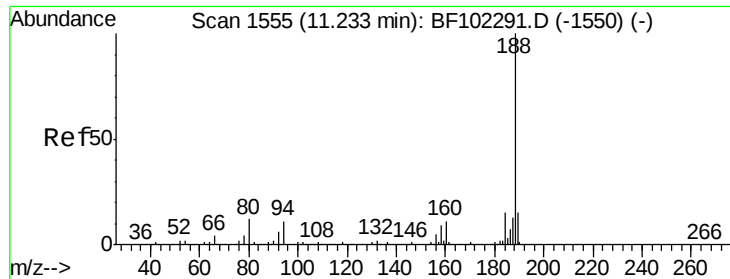
#49
 Dimethylphthalate
 Concen: 4.979 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102538.D
 Acq: 28 Jan 2018 3:53

Tgt Ion:163 Resp: 123720
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 8.9 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

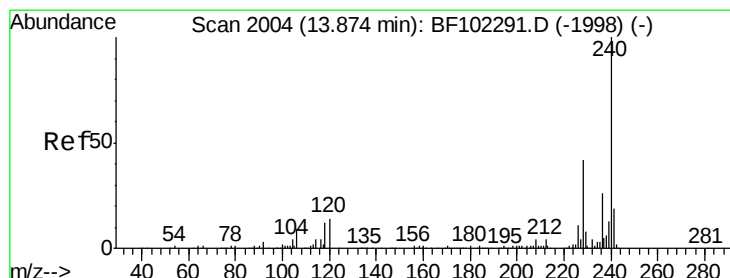
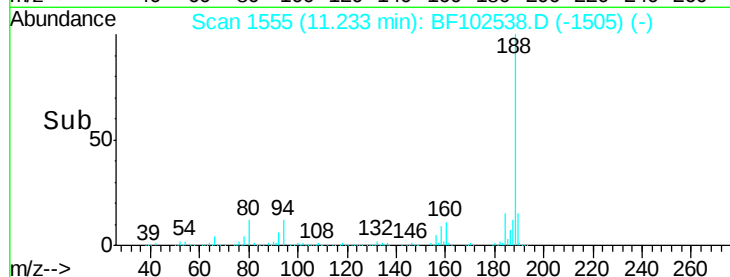
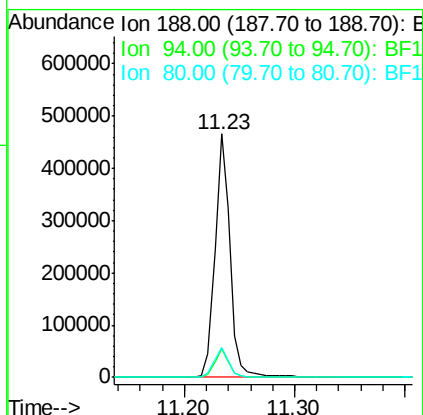
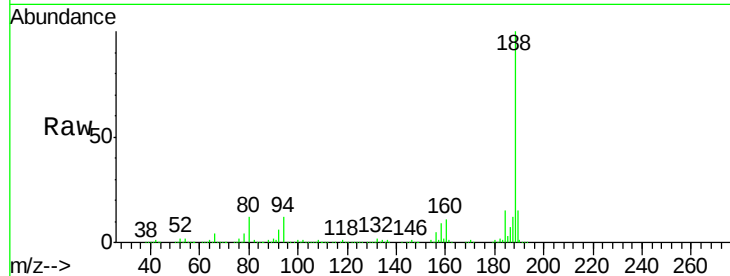




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102538.D
Acq: 28 Jan 2018 3:53

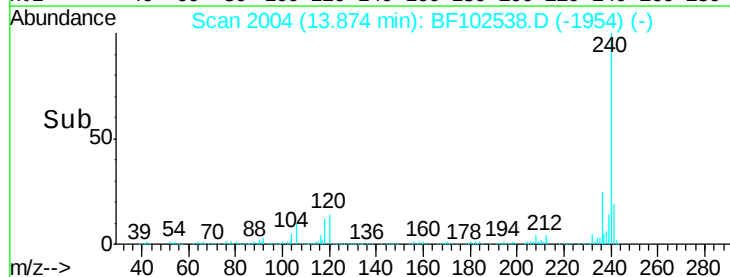
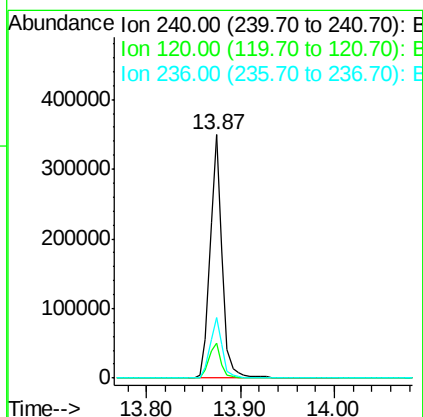
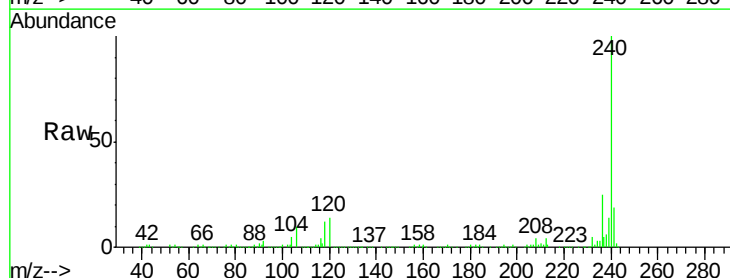
Instrument :
BNA_F
ClientSampleId :
MANHOLE-202

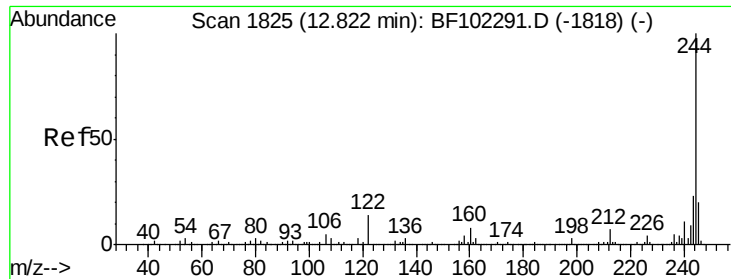
Tgt Ion:188 Resp: 434866
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102538.D
Acq: 28 Jan 2018 3:53

Tgt Ion:240 Resp: 317612
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 24.8 20.7 31.1

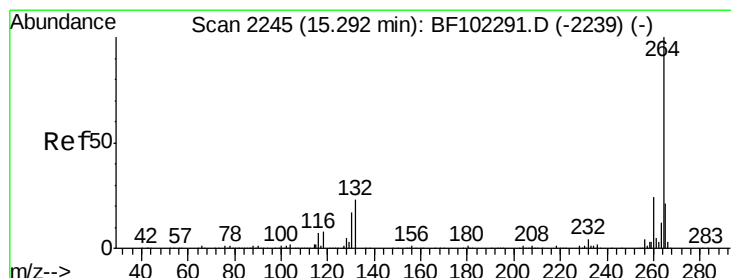
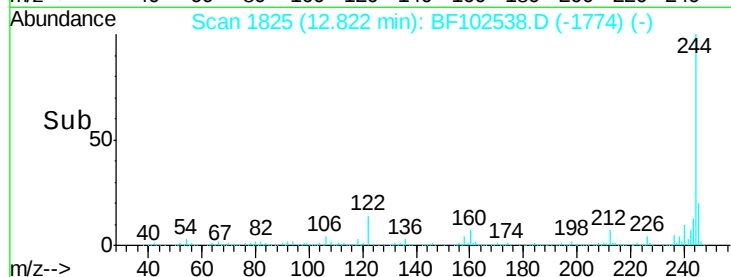
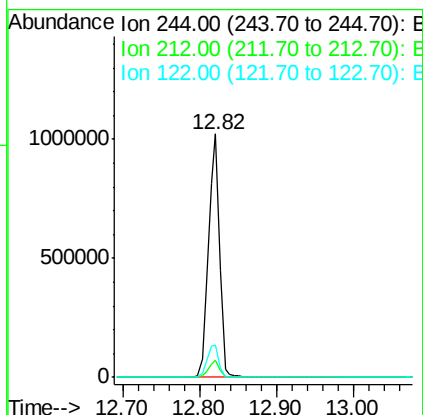
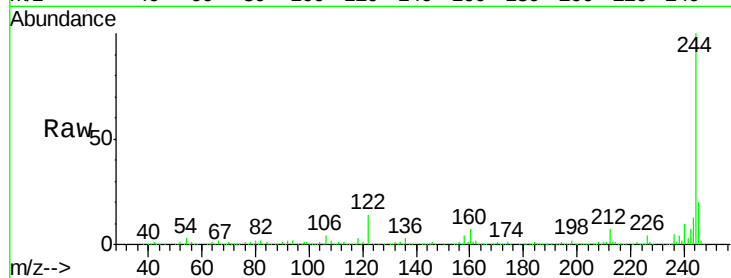




#78
 Terphenyl-d14
 Concen: 71.140 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102538.D
 Acq: 28 Jan 2018 3:53

Instrument :
 BNA_F
 ClientSampled :
 MANHOLE-202

Tgt Ion:244 Resp: 1002273
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.5 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: BF102538.D
 Acq: 28 Jan 2018 3:53

Tgt Ion:264 Resp: 251611
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.7 17.5 26.3

