

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102381.D
 Acq On : 24 Jan 2018 10:11
 Operator : SJ/JU
 Sample : J1239-08DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

Quant Time: Jan 24 11:01:40 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117241	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	491890	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	213671	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	330271	20.00	ng	0.00
75) Chrysene-d12	13.87	240	241091	20.00	ng	0.00
86) Perylene-d12	15.29	264	215826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	110925	14.35	ng	0.00
7) Phenol-d6	6.35	99	126333	13.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	92119	10.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	27206	12.85	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	198345	13.65	ng	-0.01
78) Terphenyl-d14	12.82	244	145462	13.60	ng	0.00

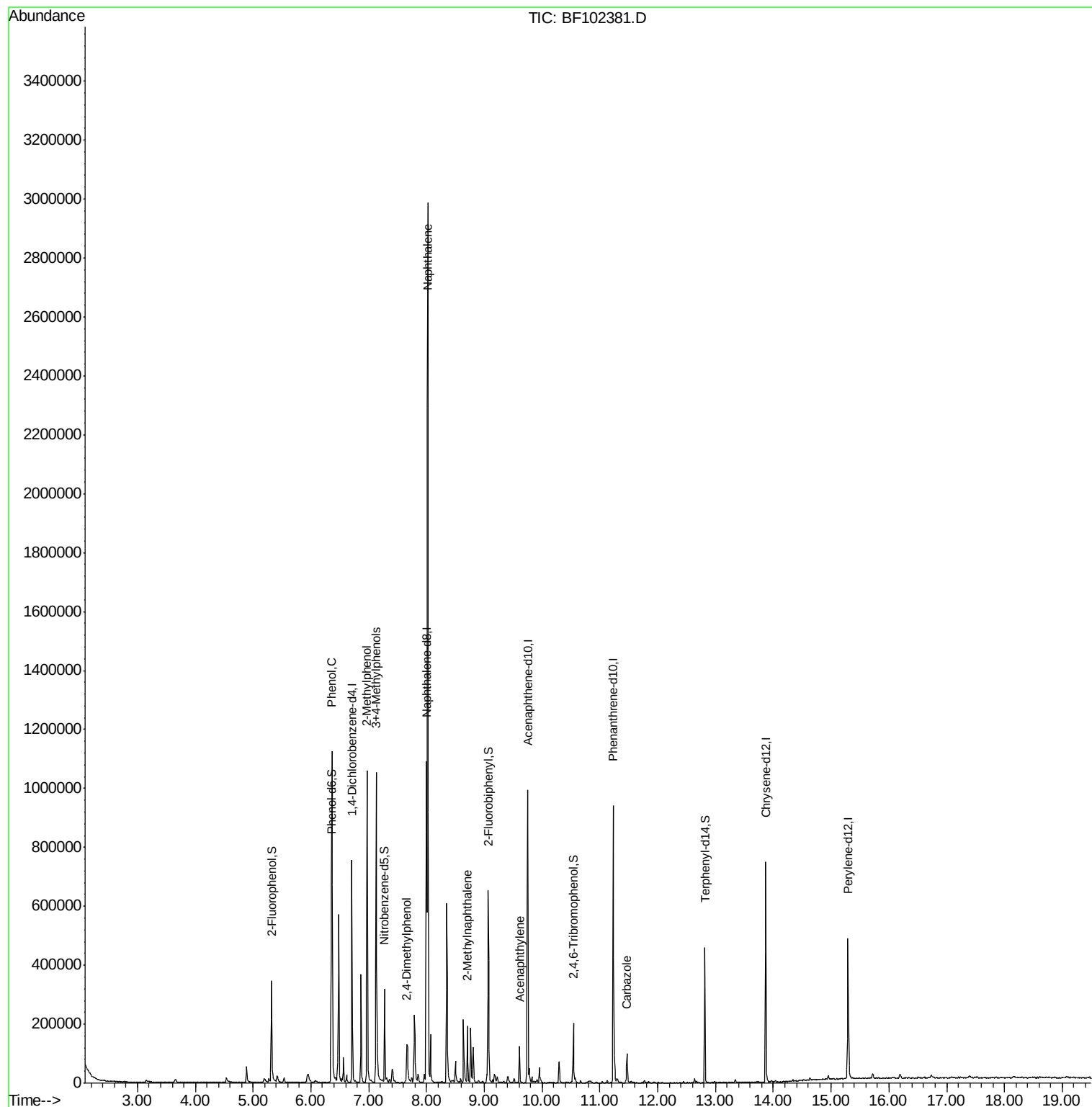
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	360154	35.389	ng	99
17) 2-Methylphenol	6.97	107	94212	13.383	ng	98
20) 3+4-Methylphenols	7.13	107	268128	32.386	ng	83
27) 2,4-Dimethylphenol	7.66	122	47012	7.023	ng	98
31) Naphthalene	8.02	128	1292969	52.647	ng	99
37) 2-Methylnaphthalene	8.71	142	51838	3.169	ng	97
48) Acenaphthylene	9.61	152	48704	2.105	ng	96
72) Carbazole	11.47	167	46956	2.450	ng	96

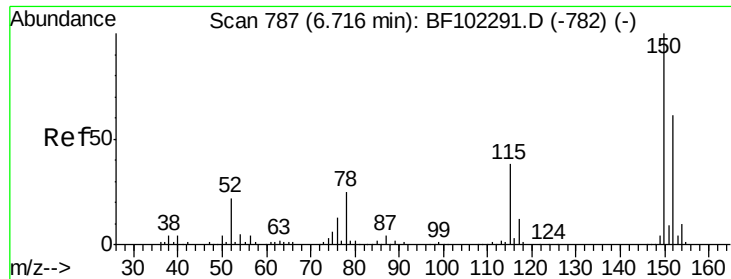
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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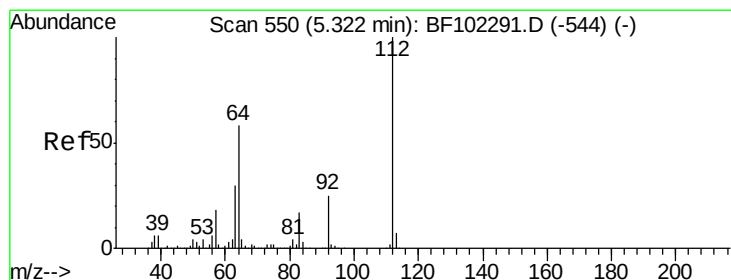
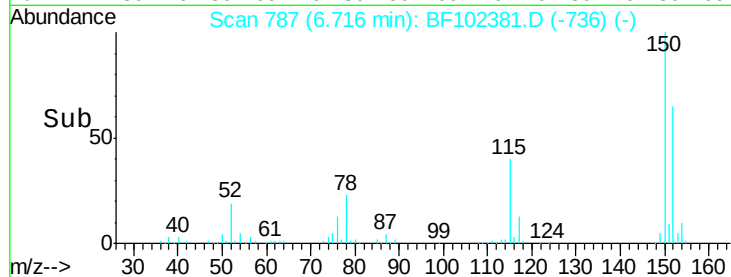
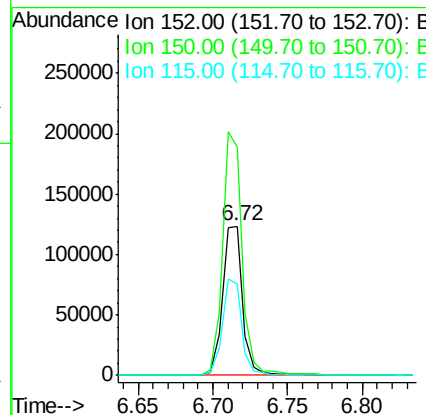
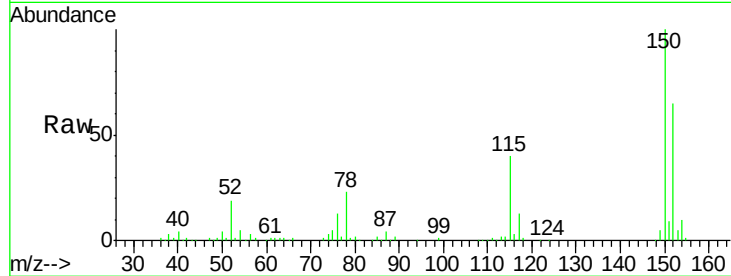


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

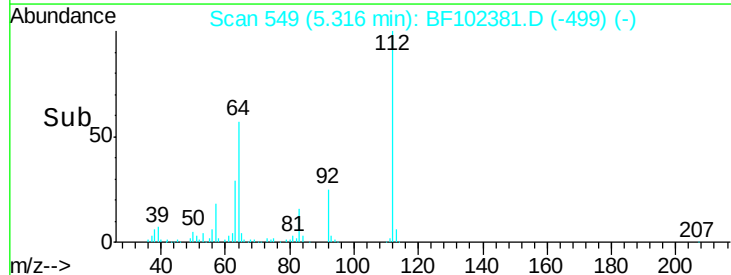
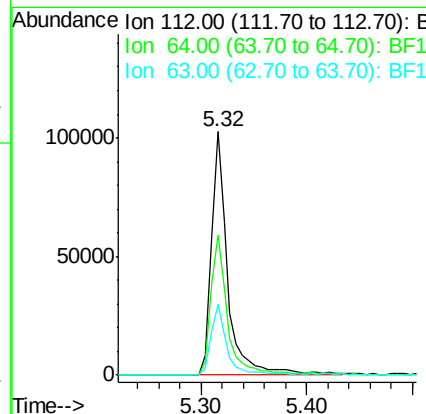
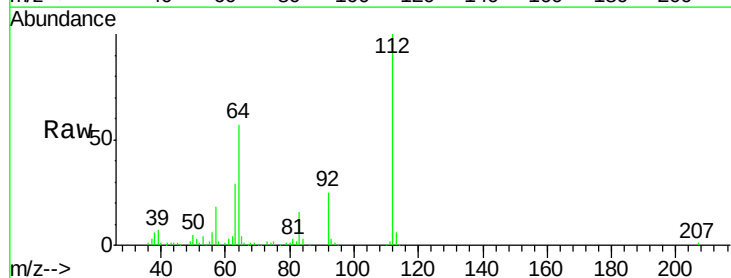
Tgt Ion:152 Resp: 117241
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 61.3 50.1 75.1

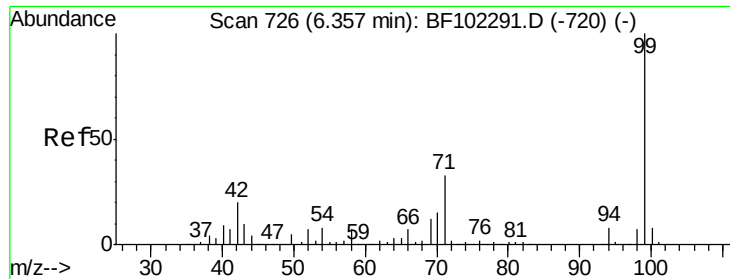


#5

2-Fluorophenol
Concen: 14.346 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:112 Resp: 110925
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 13.552 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

Instrument :

BNA_F

ClientSampleId :

WC-43-02DL

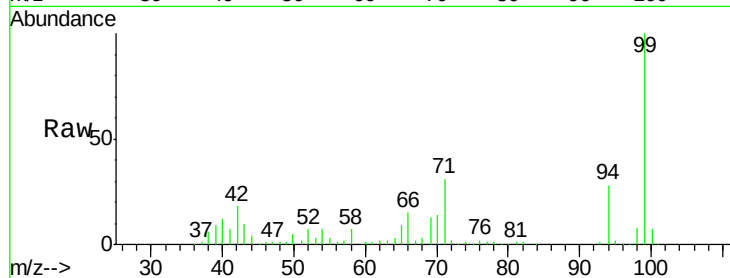
Tgt Ion: 99 Resp: 126333

Ion Ratio Lower Upper

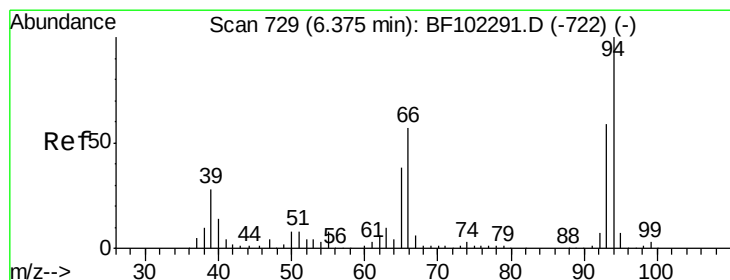
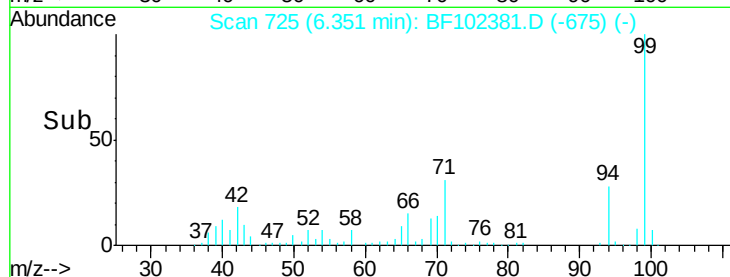
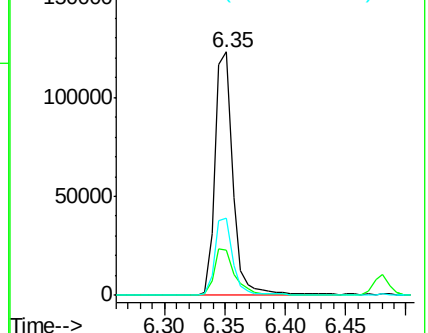
99 100

42 18.4 14.5 21.7

71 31.5 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: 35.389 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

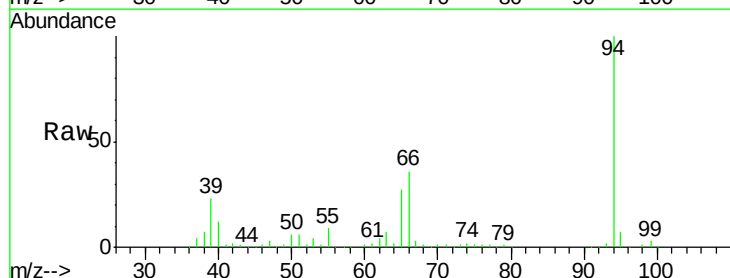
Tgt Ion: 94 Resp: 360154

Ion Ratio Lower Upper

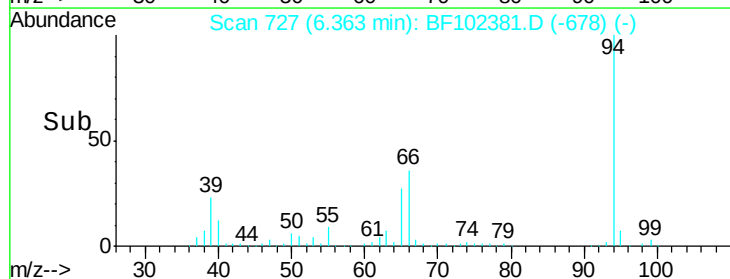
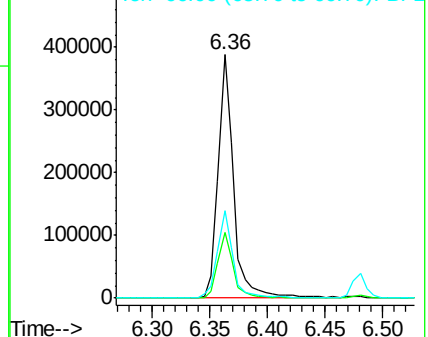
94 100

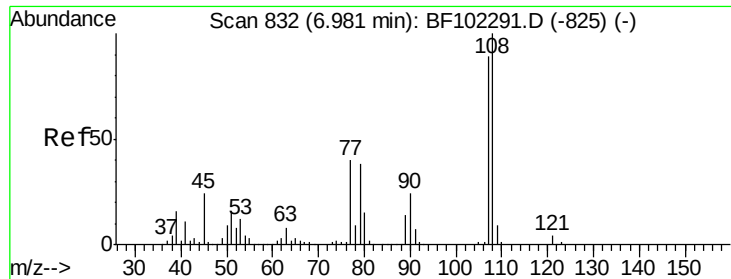
65 27.0 7.9 47.9

66 36.1 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

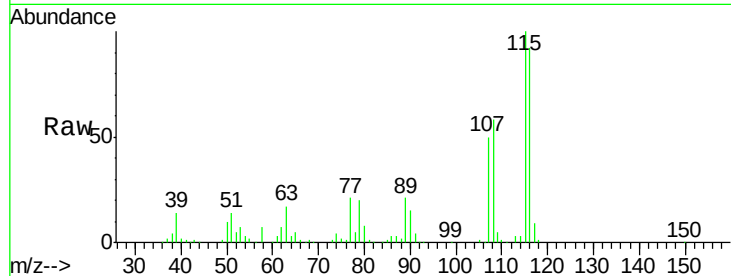




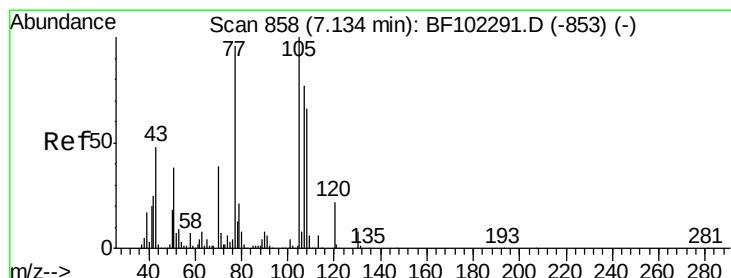
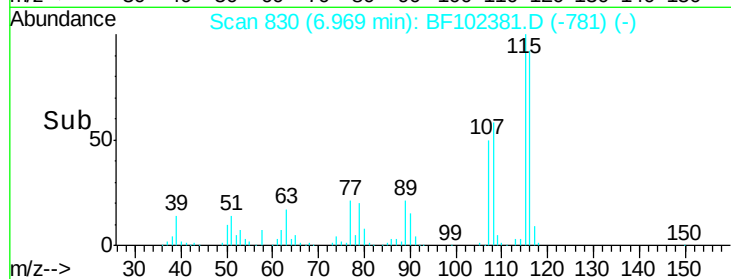
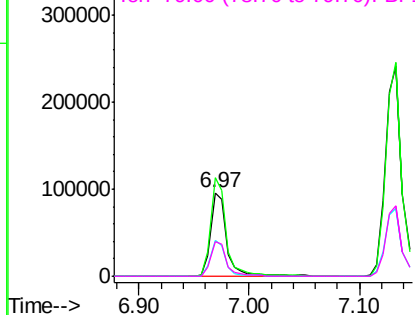
#17
2-Methylphenol
Concen: 13.383 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

Tgt Ion:107 Resp: 94212
Ion Ratio Lower Upper
107 100
108 117.3 91.7 137.5
77 42.4 33.8 50.8
79 40.7 33.8 50.8

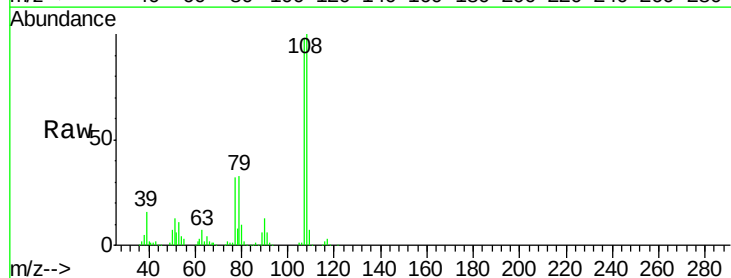


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

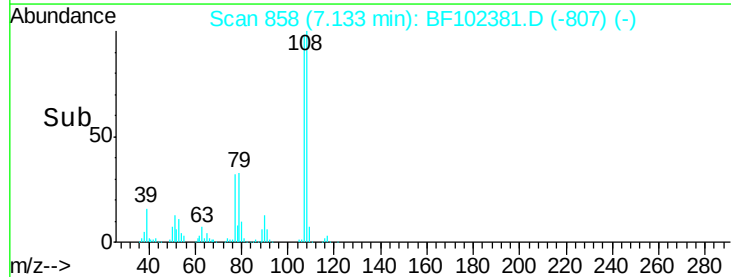
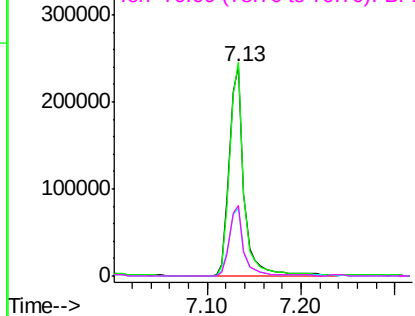


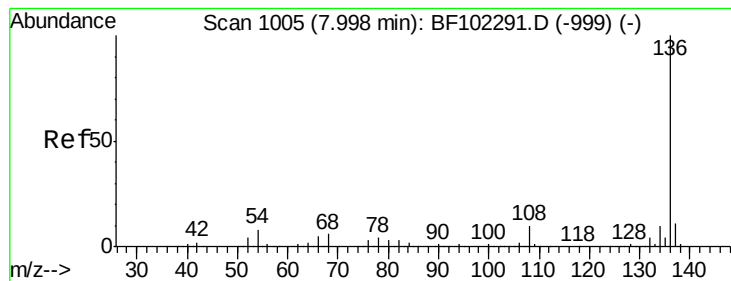
#20
3+4-Methylphenols
Concen: 32.386 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:107 Resp: 268128
Ion Ratio Lower Upper
107 100
108 101.8 68.2 108.2
77 32.4 26.7 66.7
79 33.7 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

Instrument :

BNA_F

ClientSampleId :

WC-43-02DL

Tgt Ion: 136 Resp: 491890

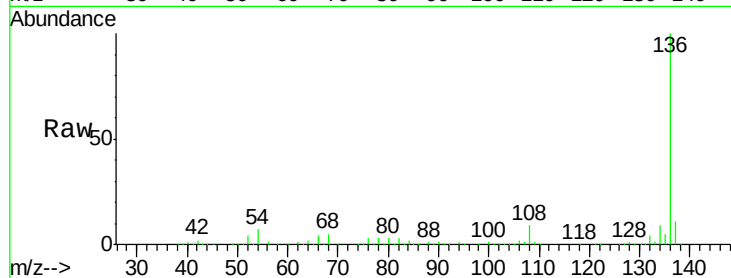
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.2 5.0 7.4

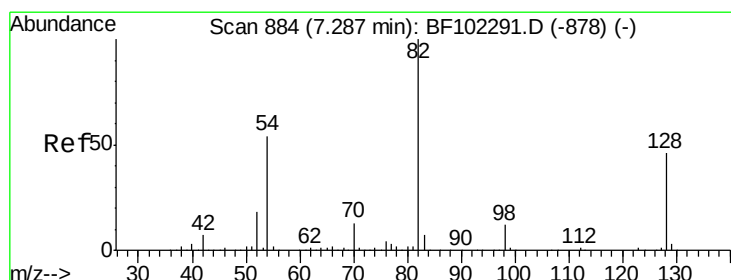
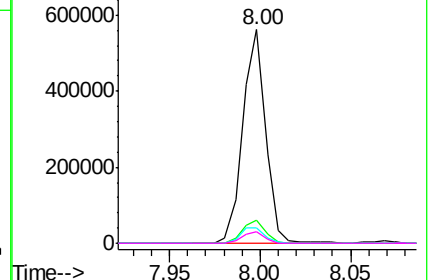
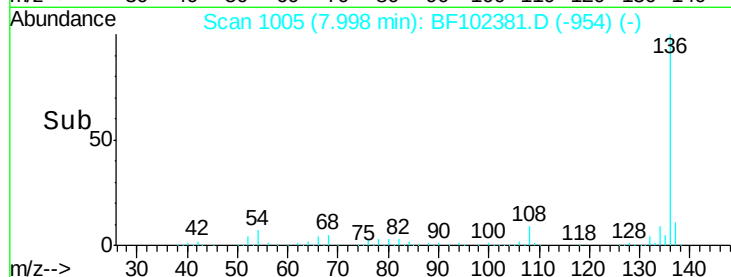


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.762 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

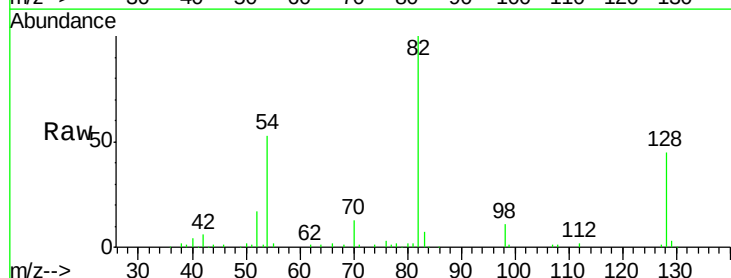
Tgt Ion: 82 Resp: 92119

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

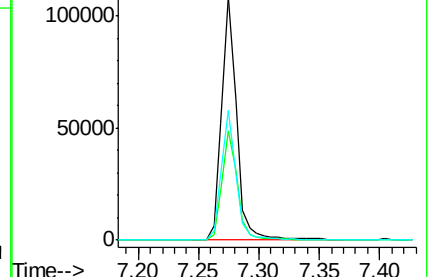
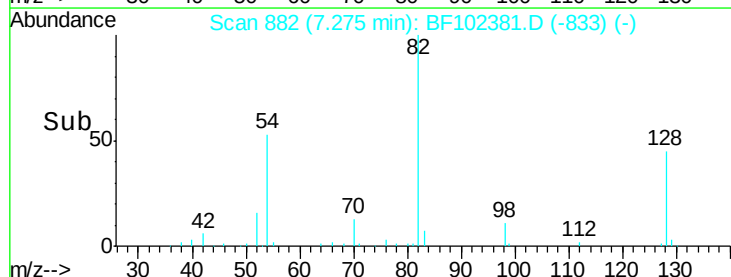
54 53.5 41.4 62.2

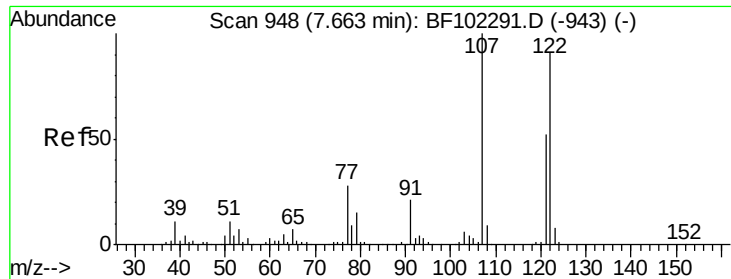


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

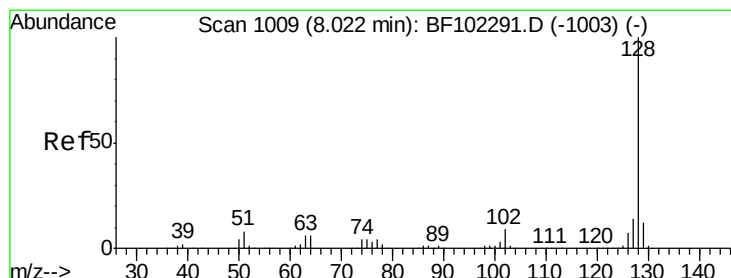
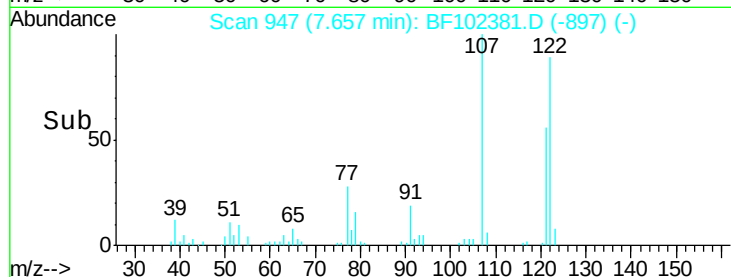
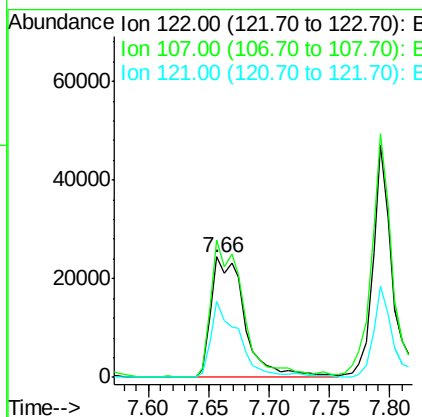
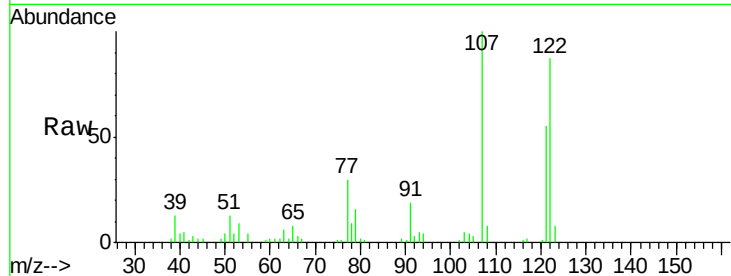




#27
2,4-Dimethylphenol
Concen: 7.023 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

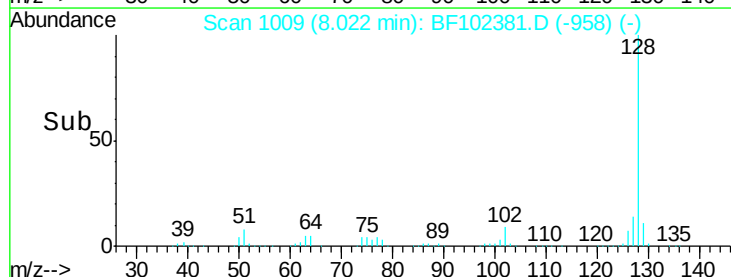
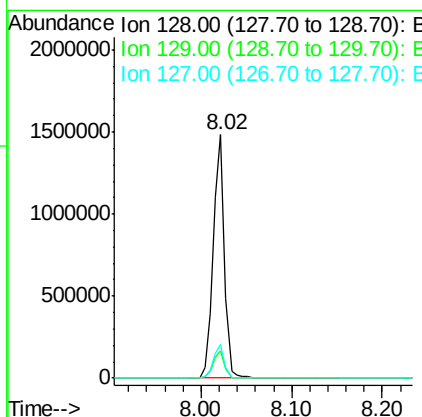
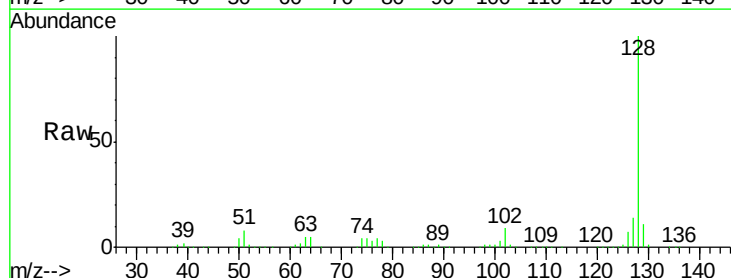
Instrument :
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WC-43-02DL

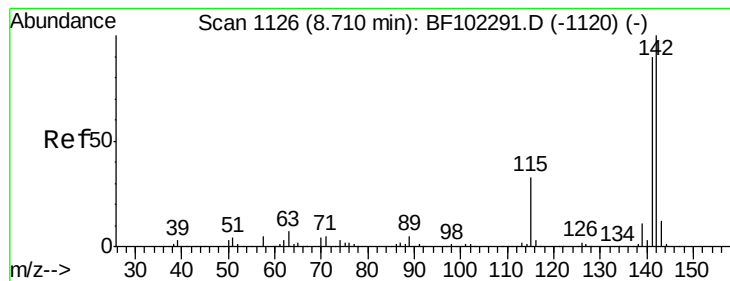
Tgt Ion:122 Resp: 47012
Ion Ratio Lower Upper
122 100
107 114.6 91.2 136.8
121 62.7 47.2 70.8



#31
Naphthalene
Concen: 52.647 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:128 Resp: 1292969
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 3.169 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

Instrument :

BNA_F

ClientSampleId :

WC-43-02DL

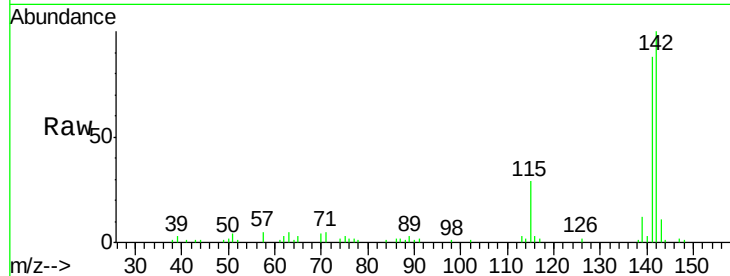
Tgt Ion:142 Resp: 51838

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

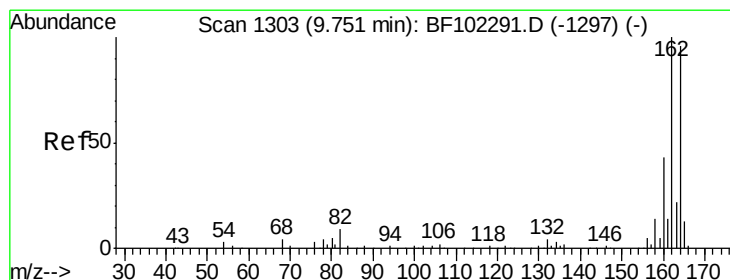
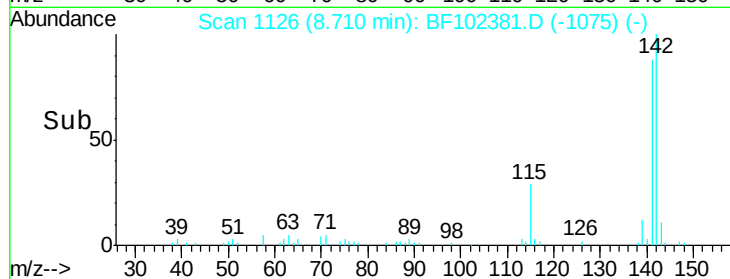
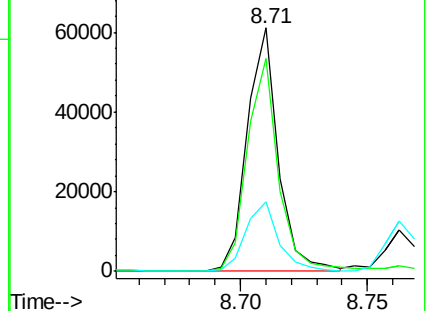
115 28.6 26.1 39.1



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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102381.D

Acq: 24 Jan 2018 10:11

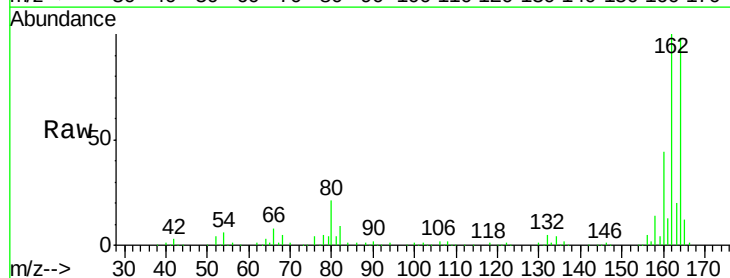
Tgt Ion:164 Resp: 213671

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

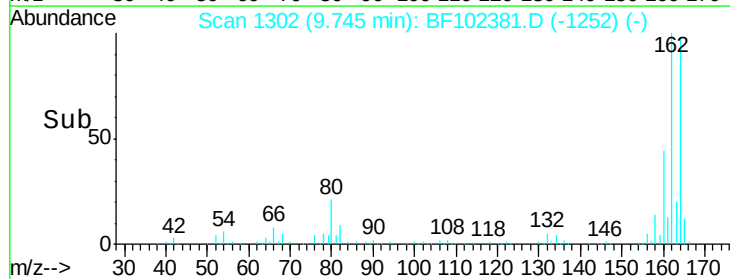
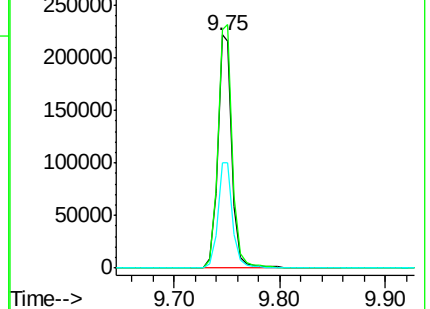
160 45.1 38.3 57.5

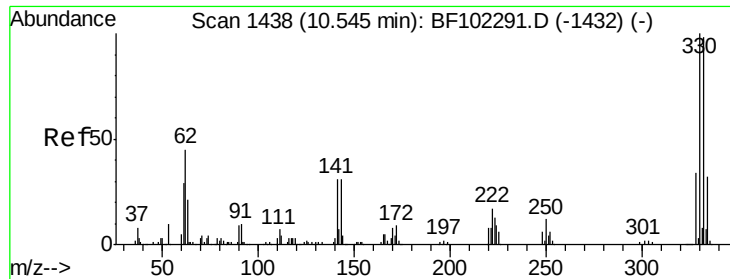


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

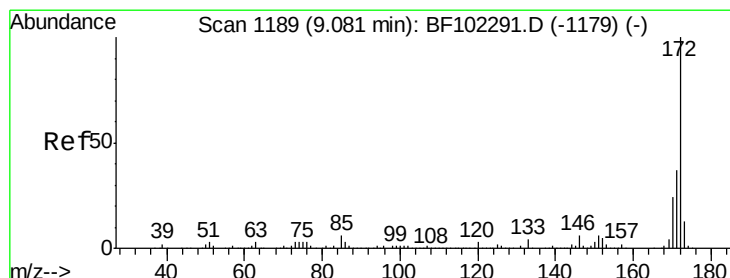
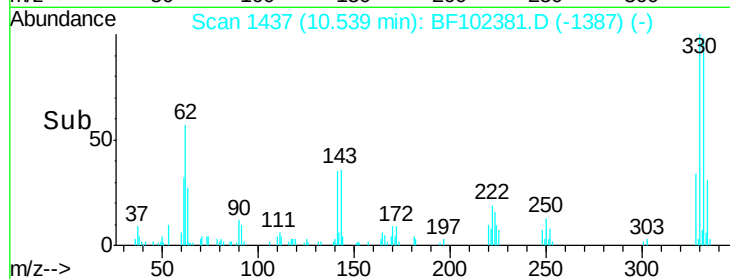
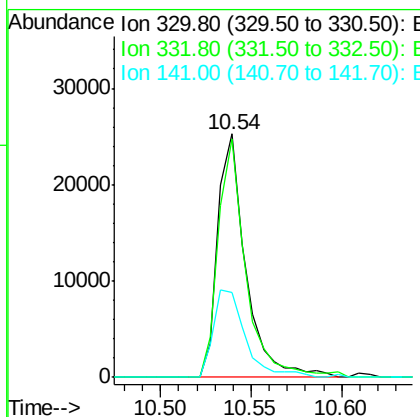
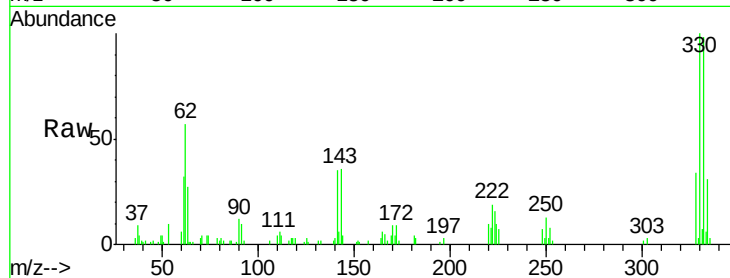




#41
 2,4,6-Tribromophenol
 Concen: 12.850 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102381.D
 Acq: 24 Jan 2018 10:11

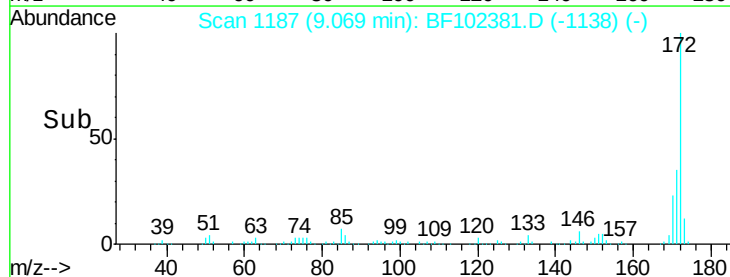
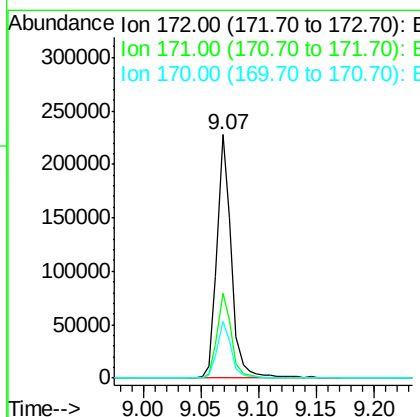
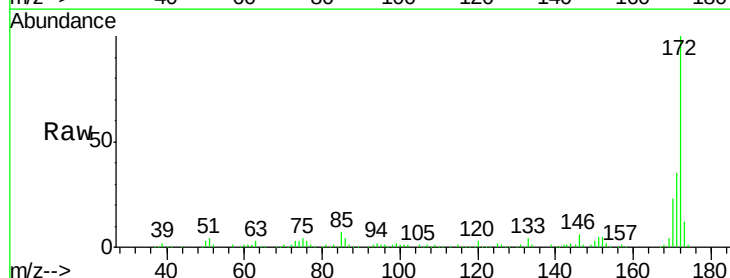
Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

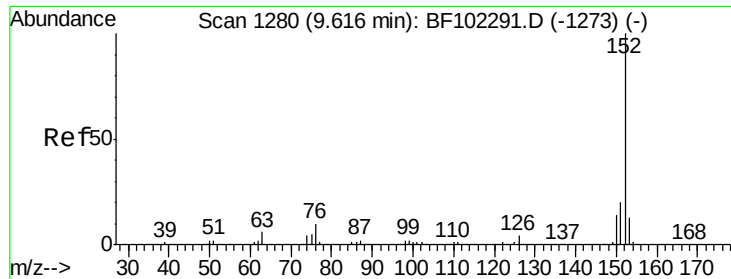
Tgt Ion:330 Resp: 27206
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 41.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 13.649 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102381.D
 Acq: 24 Jan 2018 10:11

Tgt Ion:172 Resp: 198345
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.2 19.6 29.4

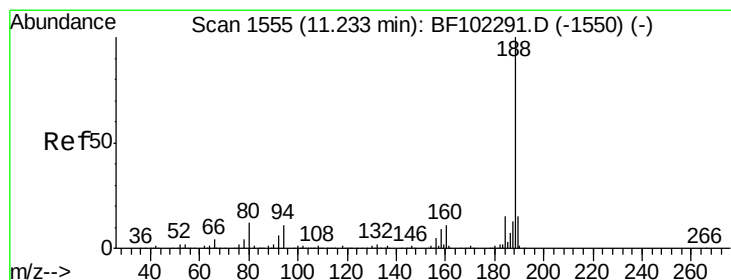
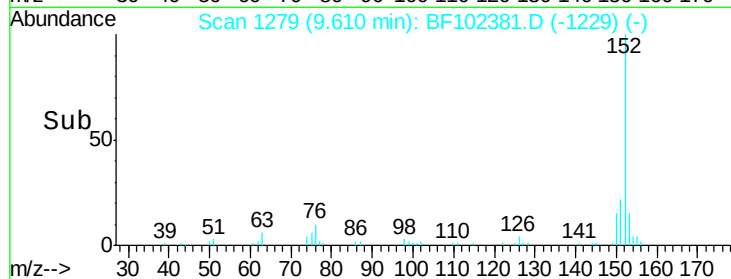
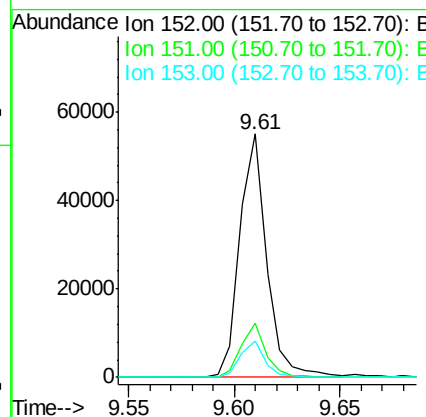
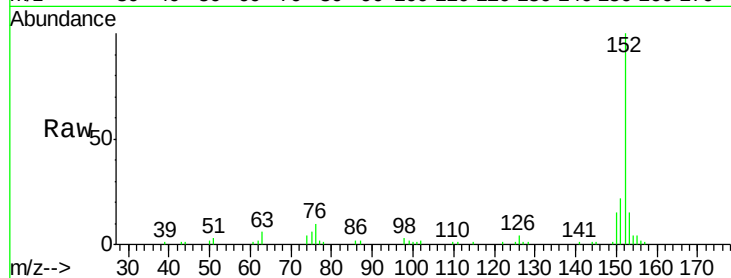




#48
Acenaphthylene
Concen: 2.105 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

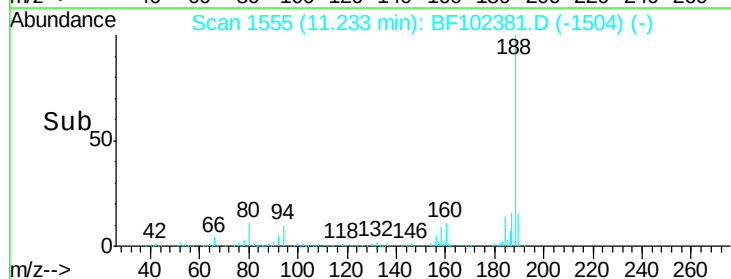
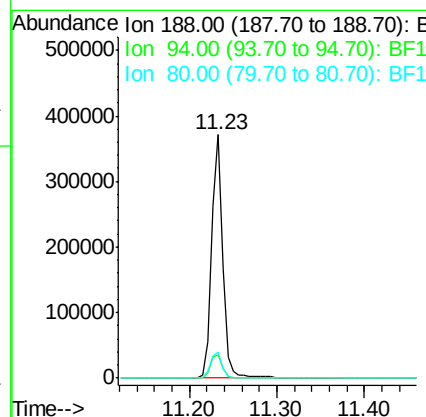
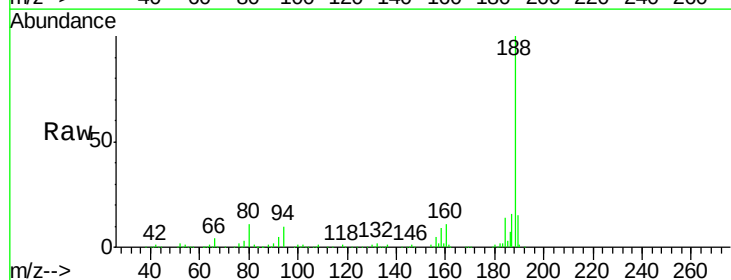
Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

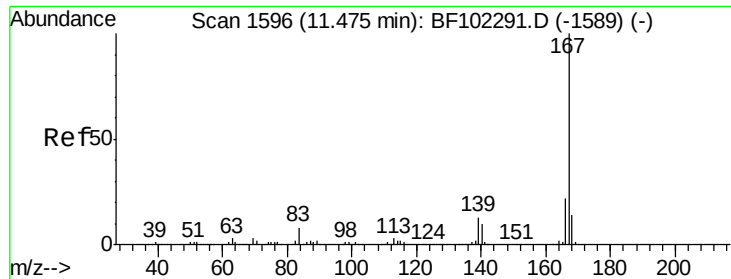
Tgt Ion:152 Resp: 48704
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 14.7 10.7 16.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:188 Resp: 330271
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8

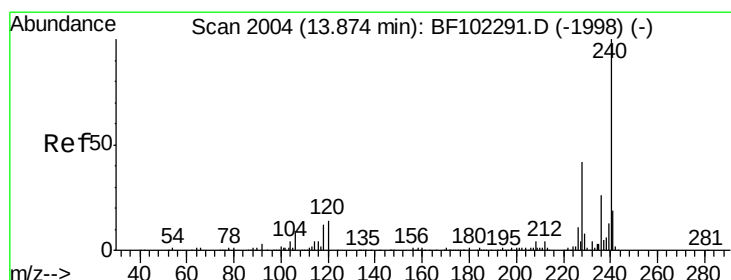
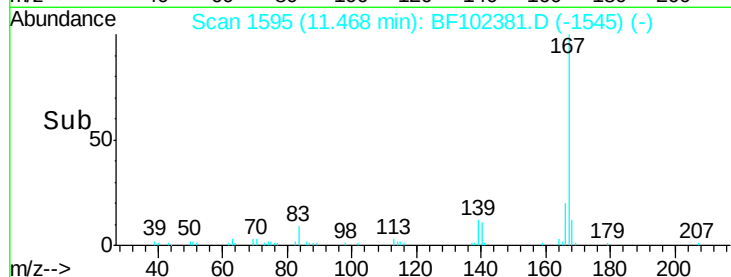
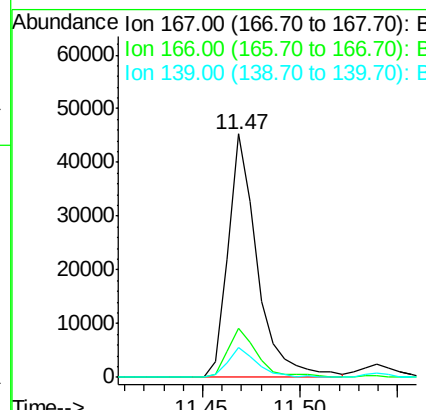
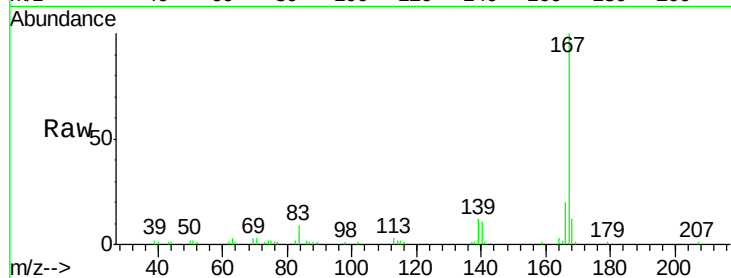




#72
 Carbazole
 Concen: 2.450 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102381.D
 Acq: 24 Jan 2018 10:11

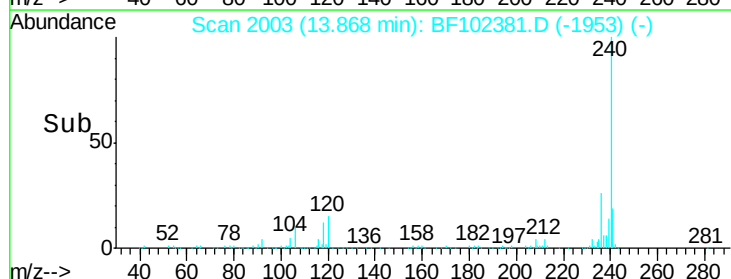
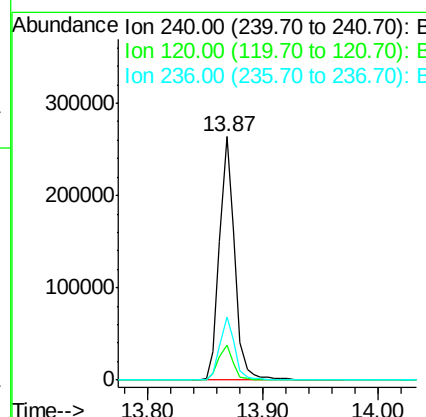
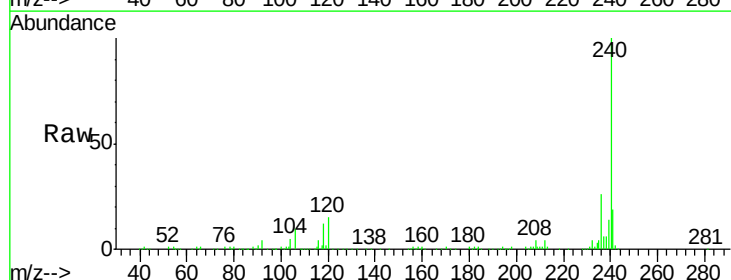
Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

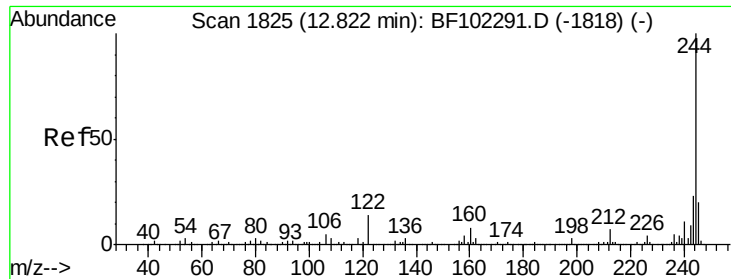
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.6	26.4
139	12.5	10.9	16.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102381.D
 Acq: 24 Jan 2018 10:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.1	20.7	31.1

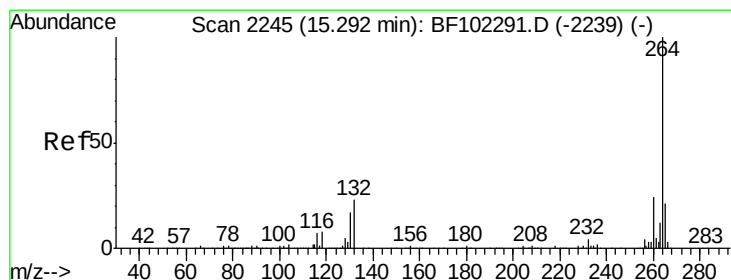
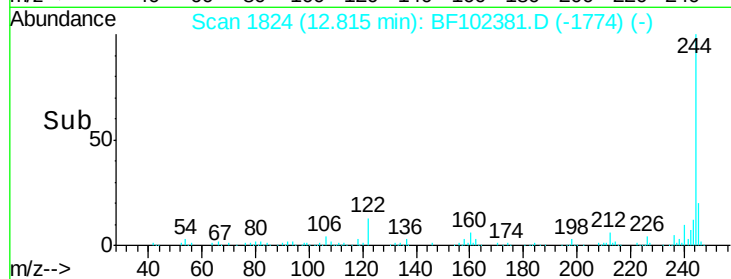
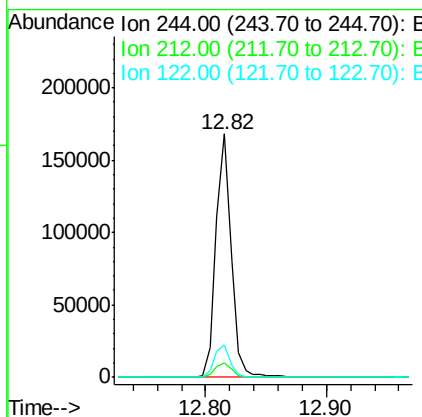
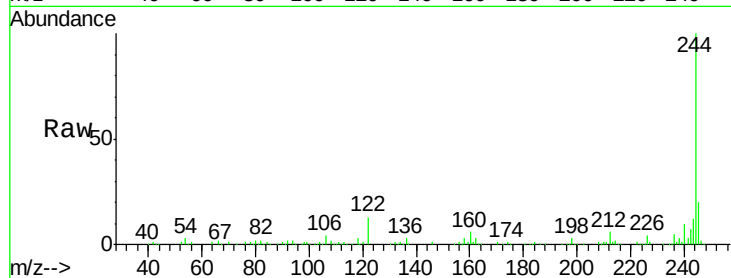




#78
 Terphenyl-d14
 Concen: 13.602 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102381.D
 Acq: 24 Jan 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

Tgt Ion: 244 Resp: 145462
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 13.2 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: BF102381.D
 Acq: 24 Jan 2018 10:11

Tgt Ion: 264 Resp: 215826
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.2 17.5 26.3

