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 Data File : BF102385.D
 Acq On : 24 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1239-16DL 20X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

Quant Time: Jan 24 12:37:27 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

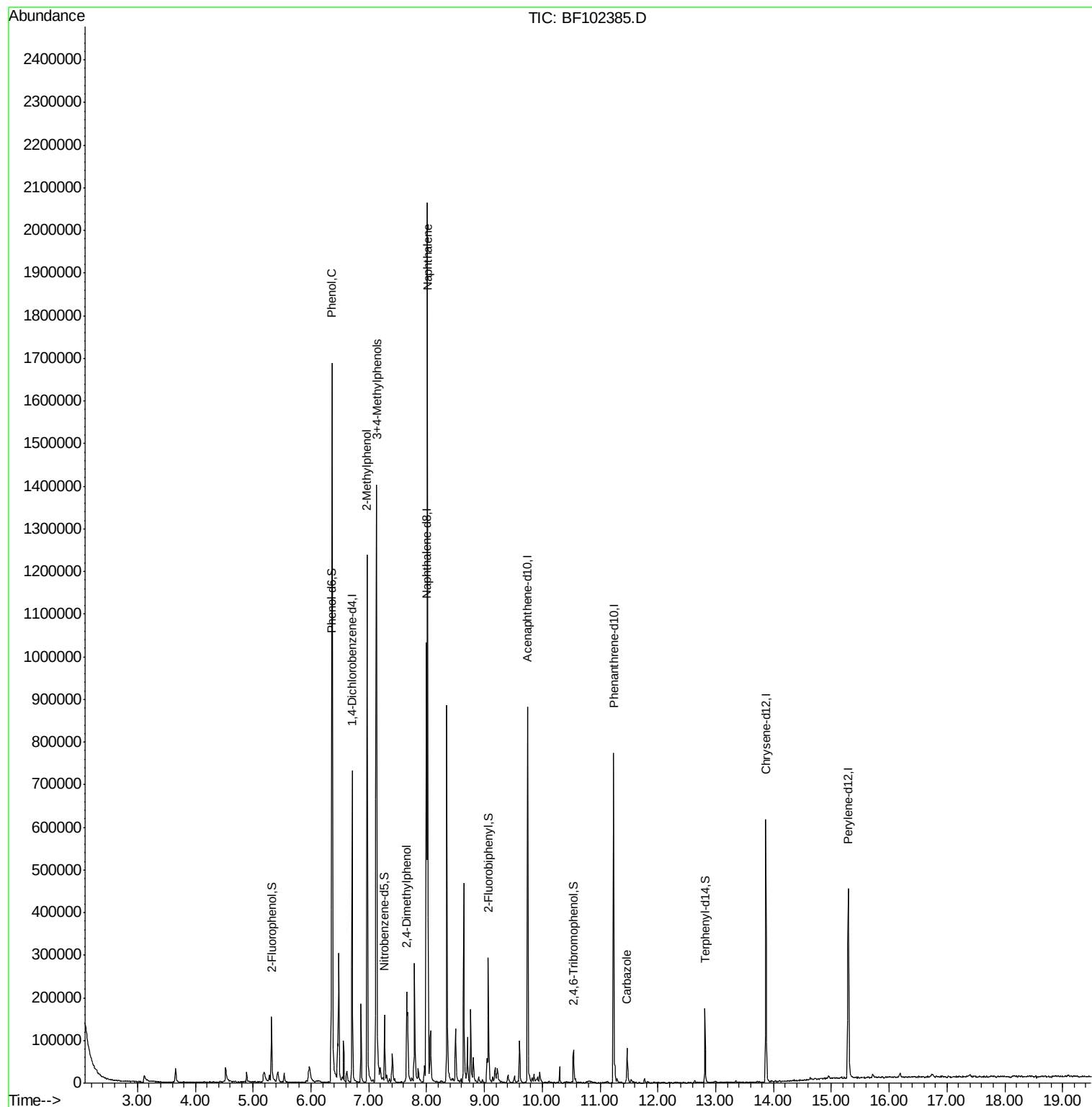
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	115127	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	463931	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	191744	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	281915	20.00	ng	0.00
75) Chrysene-d12	13.87	240	210895	20.00	ng	0.00
86) Perylene-d12	15.29	264	204660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	51784	6.82	ng	0.00
7) Phenol-d6	6.35	99	60460	6.60	ng	0.00
23) Nitrobenzene-d5	7.27	82	43978	5.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	9974	5.25	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	93235	7.15	ng	-0.01
78) Terphenyl-d14	12.82	244	60136	6.43	ng	0.00
Target Compounds						
10) Phenol	6.36	94	622557	62.296	ng	99
17) 2-Methylphenol	6.97	107	123069	17.804	ng	97
20) 3+4-Methylphenols	7.13	107	385119	47.371	ng	85
27) 2,4-Dimethylphenol	7.66	122	66196	10.484	ng	96
31) Naphthalene	8.02	128	978255	42.233	ng	99
72) Carbazole	11.47	167	38654	2.363	ng	96

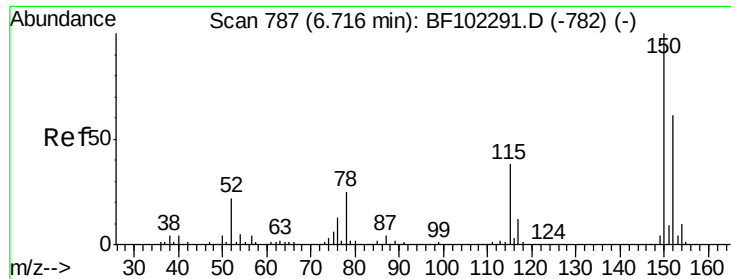
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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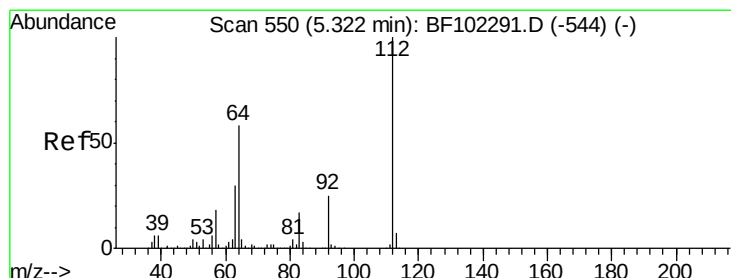
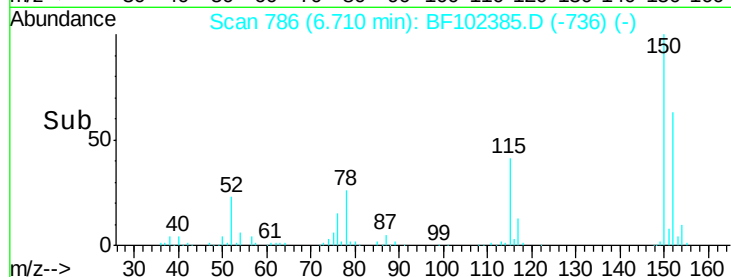
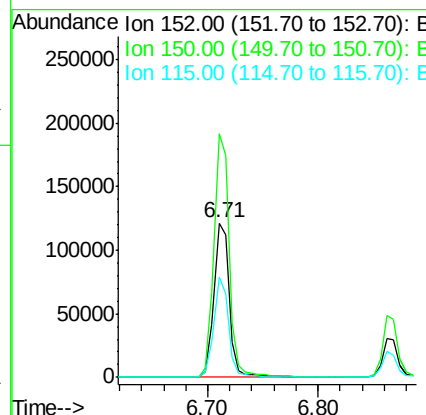
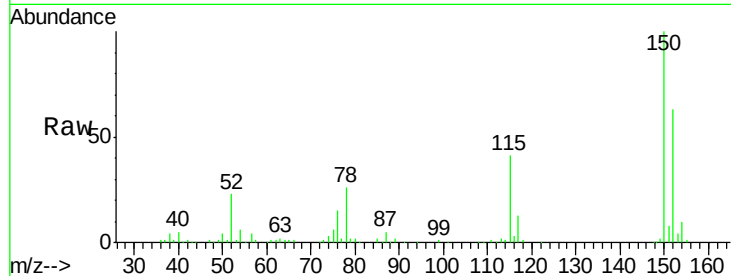


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

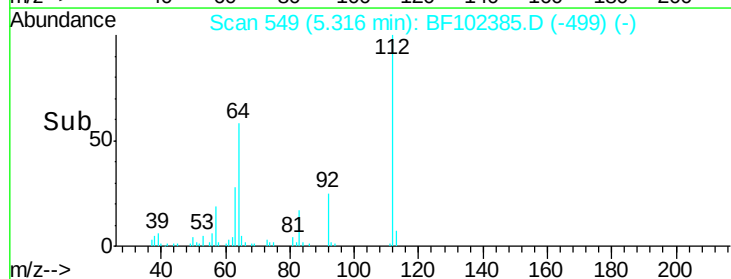
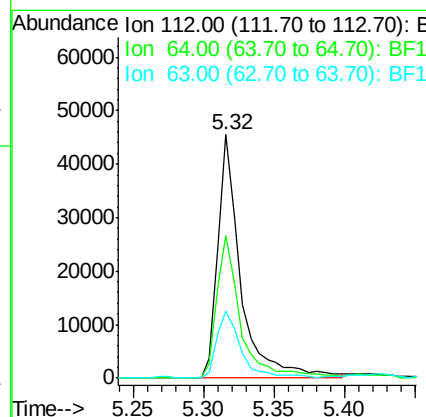
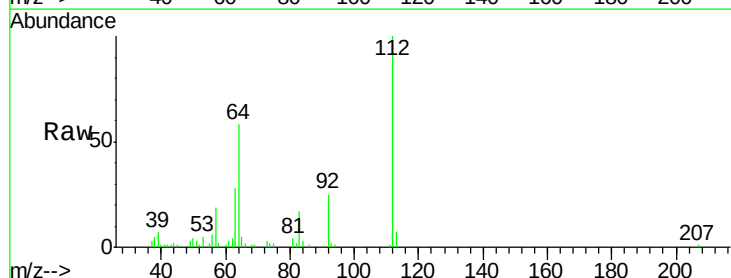
Tgt Ion:152 Resp: 115127
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.8 50.1 75.1

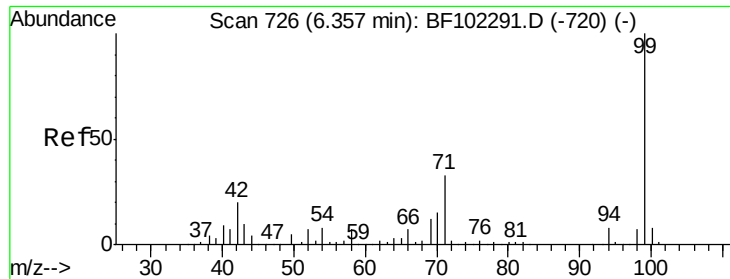


#5

2-Fluorophenol
Concen: 6.820 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Tgt Ion:112 Resp: 51784
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 27.5 23.7 35.5





#7

Phenol-d6

Concen: 6.605 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102385.D

Acq: 24 Jan 2018 11:59

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

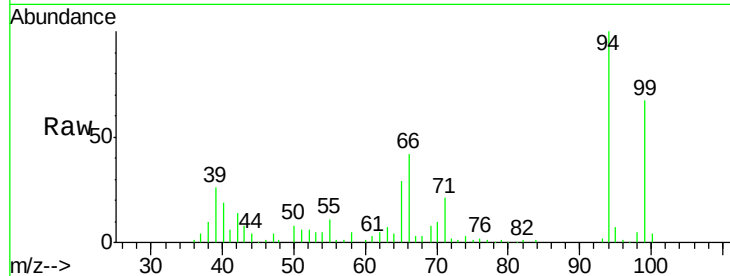
Tgt Ion: 99 Resp: 60460

Ion Ratio Lower Upper

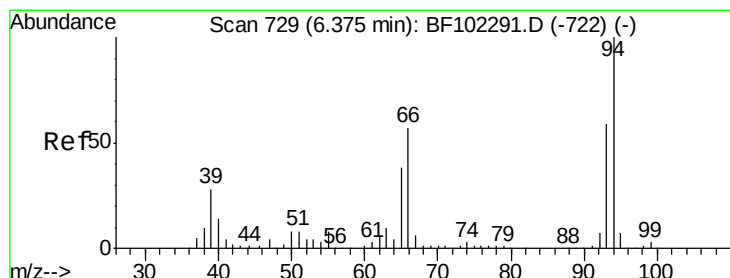
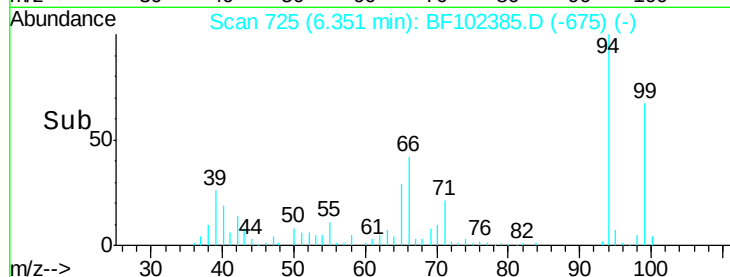
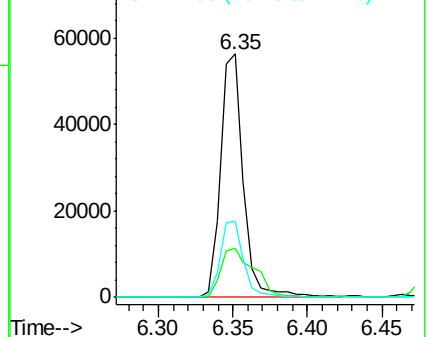
99 100

42 20.4 14.5 21.7

71 31.4 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: 62.296 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102385.D

Acq: 24 Jan 2018 11:59

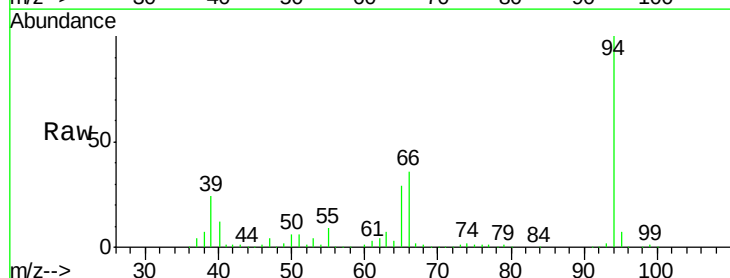
Tgt Ion: 94 Resp: 622557

Ion Ratio Lower Upper

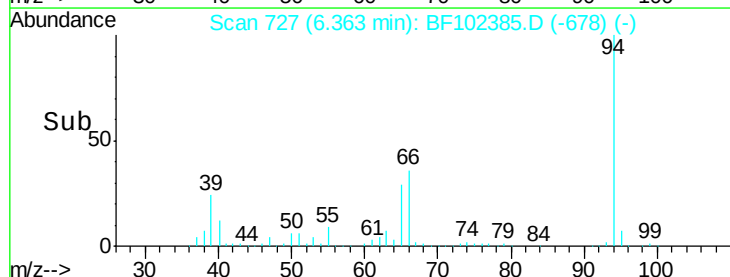
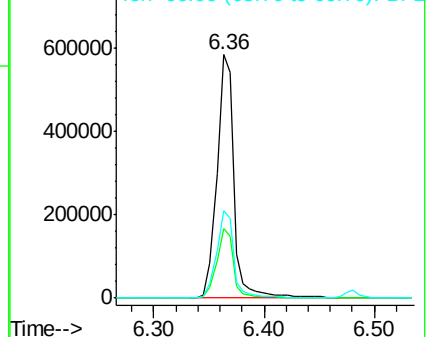
94 100

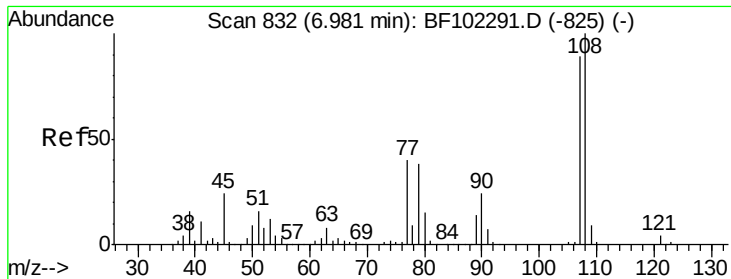
65 28.6 7.9 47.9

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

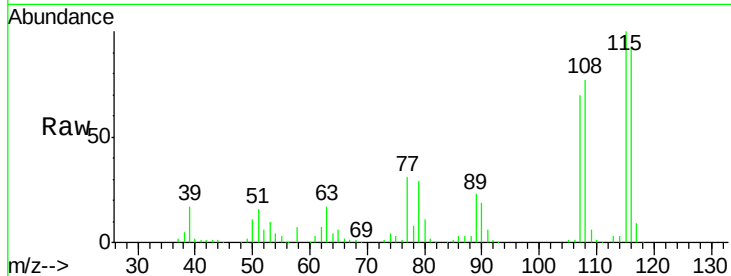




#17
2-Methylphenol
Concen: 17.804 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion:	107	Resp:	123069
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	44.3	33.8	50.8
79	41.9	33.8	50.8



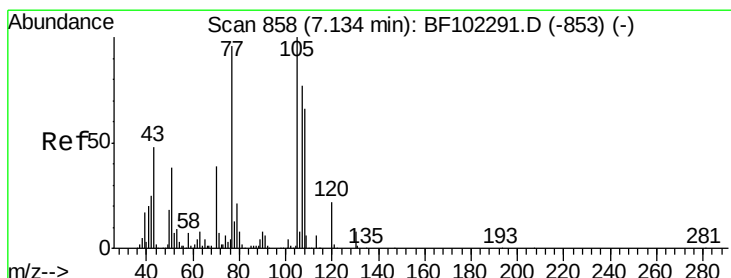
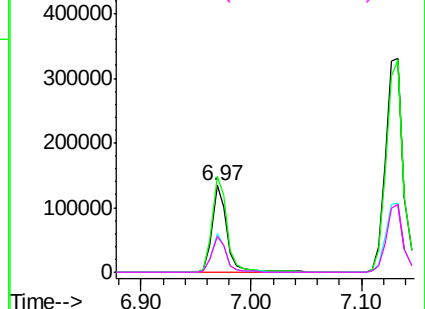
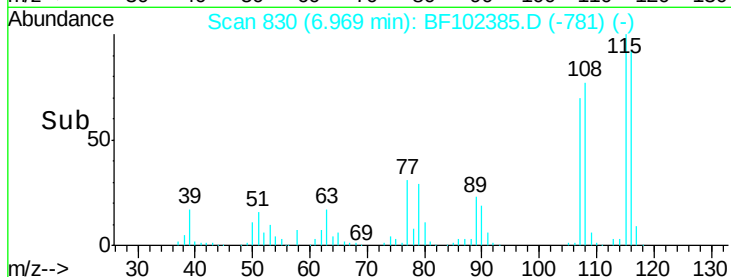
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

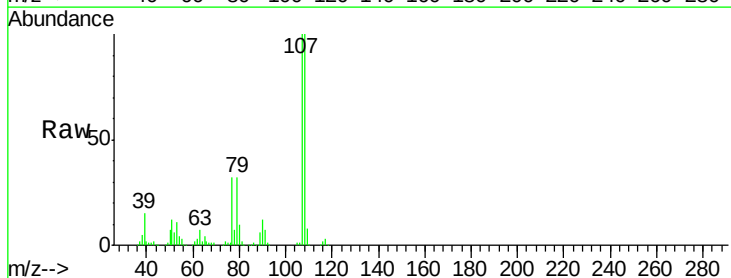
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Tgt Ion:	107	Resp:	385119
Ion	Ratio	Lower	Upper
107	100		
108	99.6	68.2	108.2
77	32.1	26.7	66.7
79	31.7	6.3	46.3



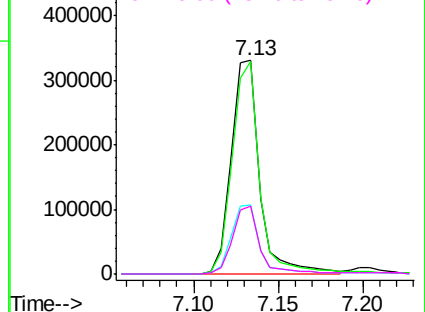
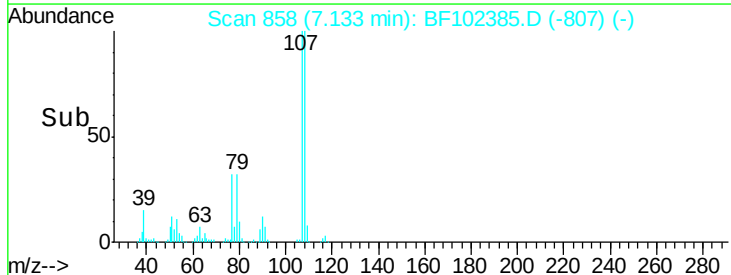
Abundance

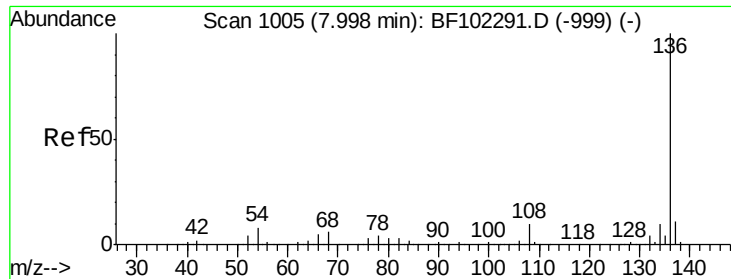
Ion 107.00 (106.70 to 107.70): E

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

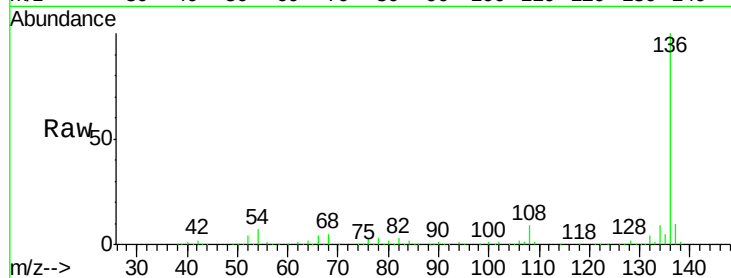




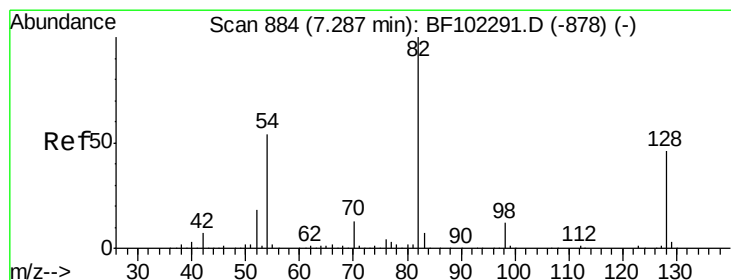
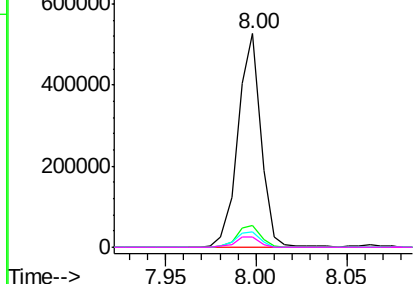
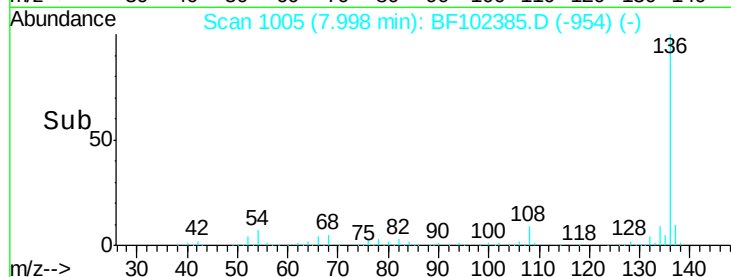
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Instrument :
BNA_F
ClientSampleId :
WC-43-01DL

Tgt Ion:	136	Resp:	463931
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	5.1	5.0	7.4

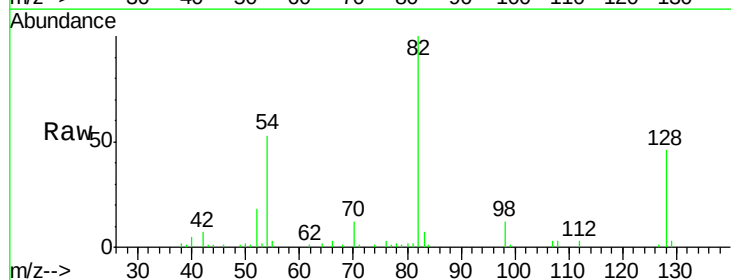


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

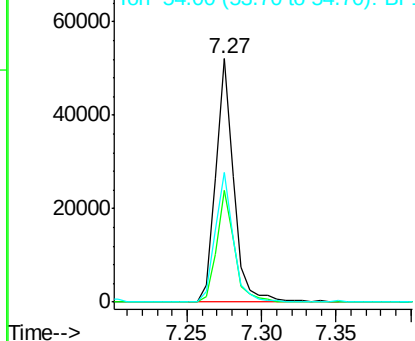
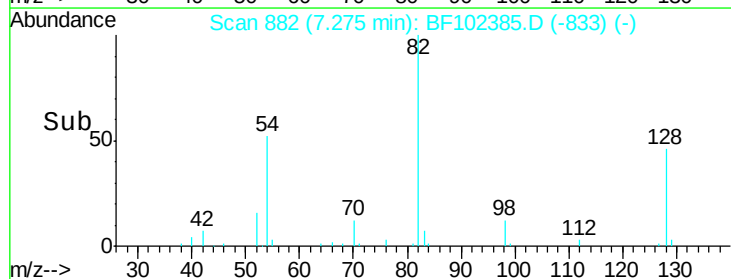


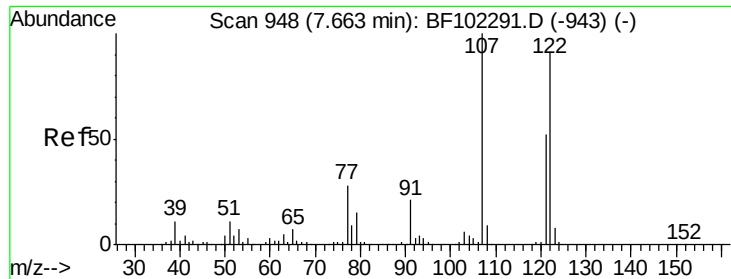
#23
Nitrobenzene-d5
Concen: 5.448 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Tgt Ion:	82	Resp:	43978
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.1	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

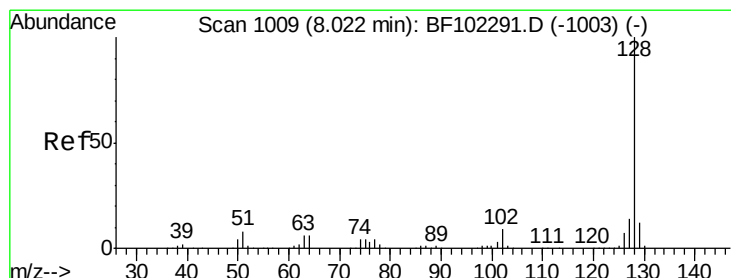
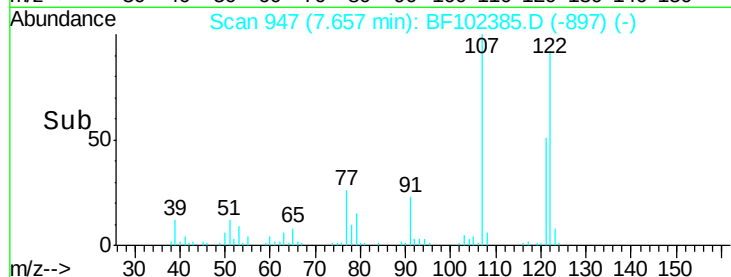
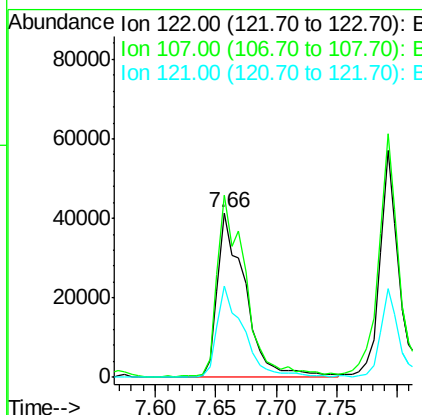
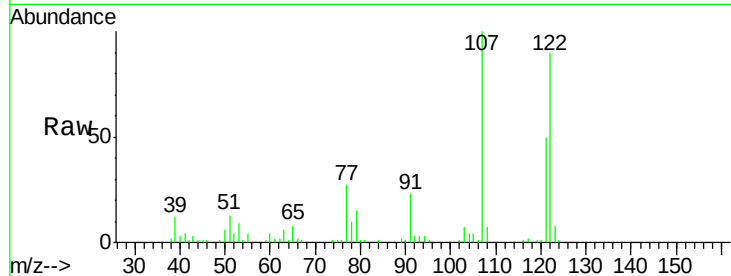




#27
2,4-Dimethylphenol
Concen: 10.484 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

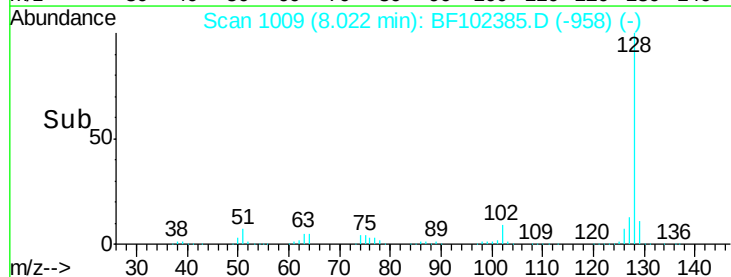
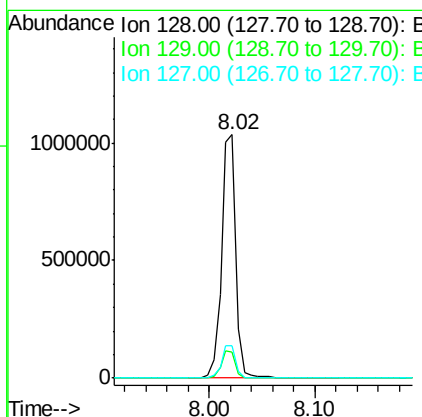
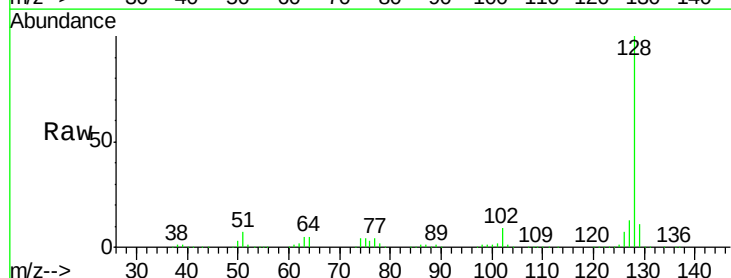
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BNA_F
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WC-43-01DL

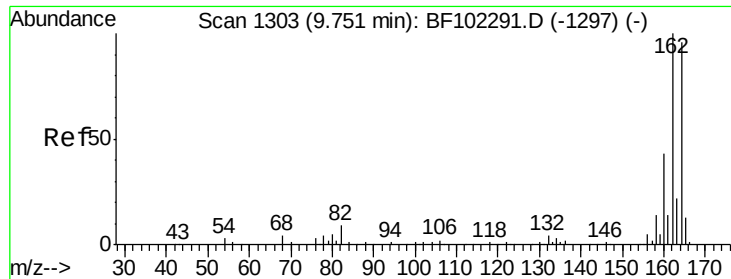
Tgt Ion:122 Resp: 66196
Ion Ratio Lower Upper
122 100
107 110.6 91.2 136.8
121 55.5 47.2 70.8



#31
Naphthalene
Concen: 42.233 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102385.D
Acq: 24 Jan 2018 11:59

Tgt Ion:128 Resp: 978255
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.9 16.3

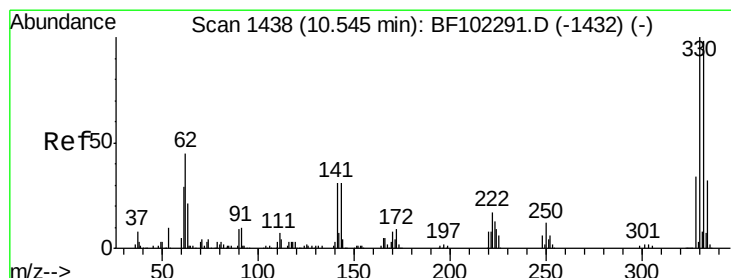
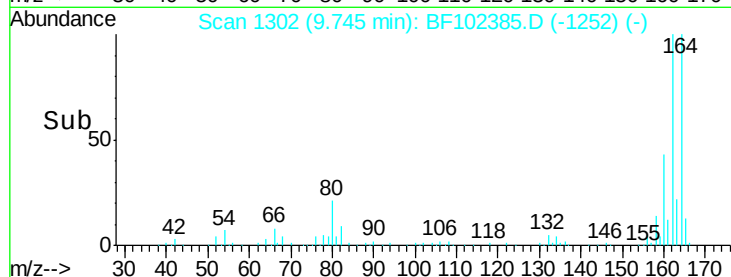
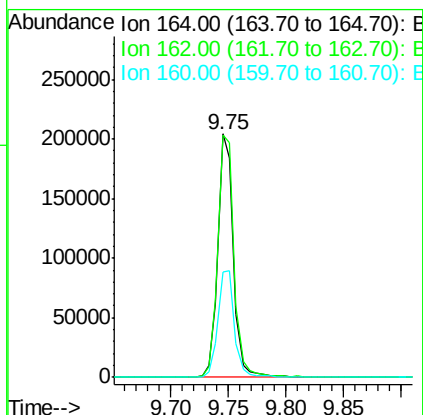
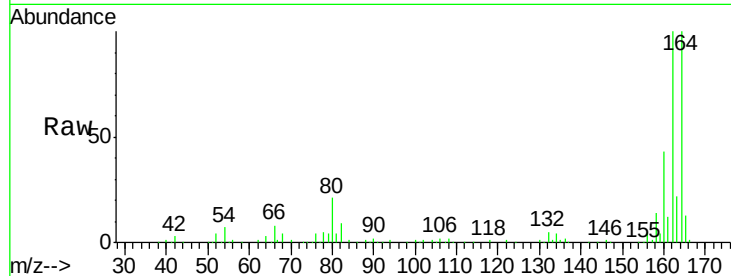




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102385.D
 Acq: 24 Jan 2018 11:59

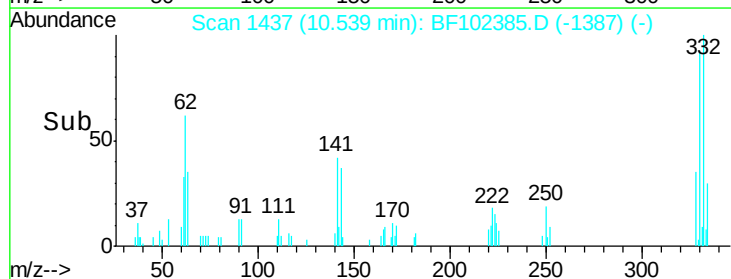
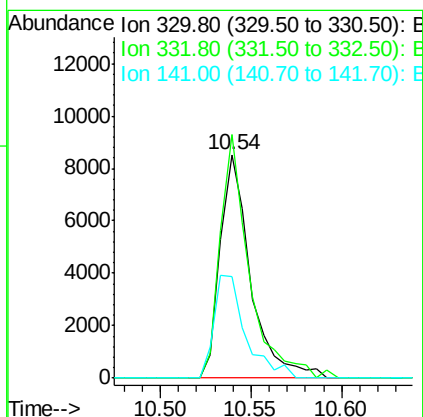
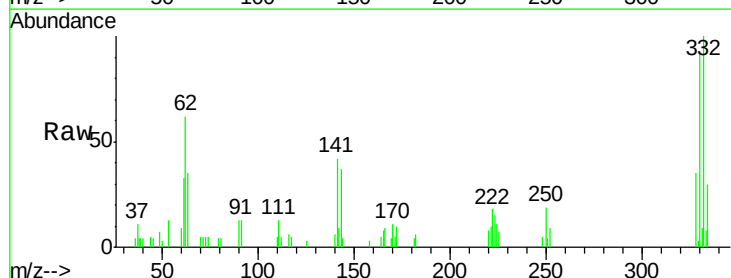
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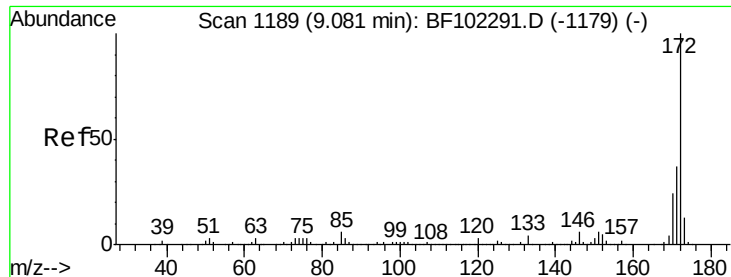
Tgt Ion:164 Resp: 191744
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 43.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 5.250 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102385.D
 Acq: 24 Jan 2018 11:59

Tgt Ion:330 Resp: 9974
 Ion Ratio Lower Upper
 330 100
 332 103.9 77.0 115.6
 141 47.7 29.9 44.9#

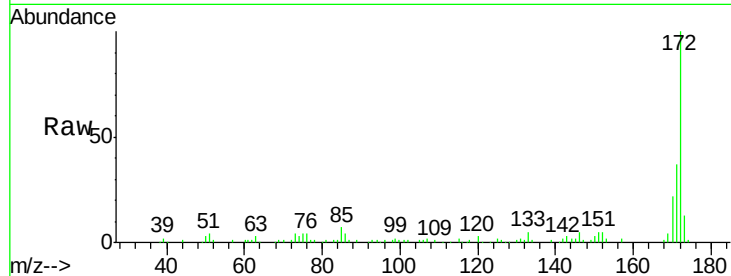




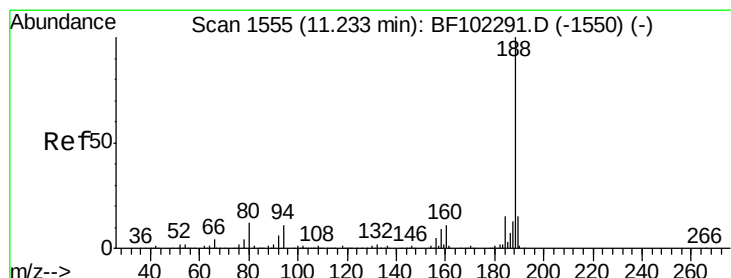
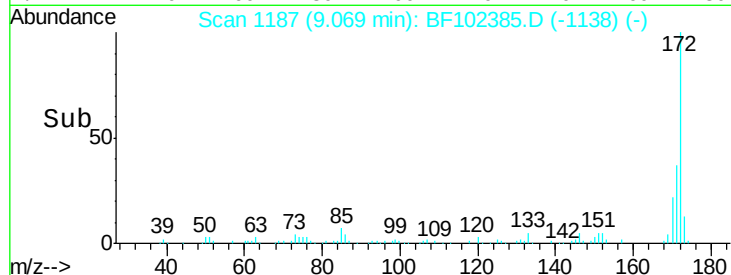
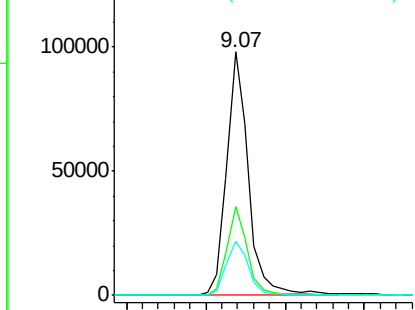
#44
 2-Fluorobiphenyl
 Concen: 7.150 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102385.D
 Acq: 24 Jan 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

Tgt Ion:172 Resp: 93235
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 22.5 19.6 29.4

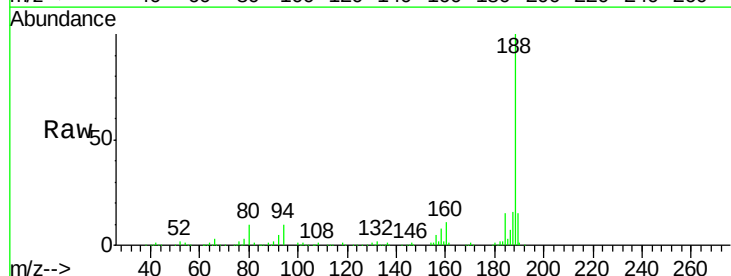


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

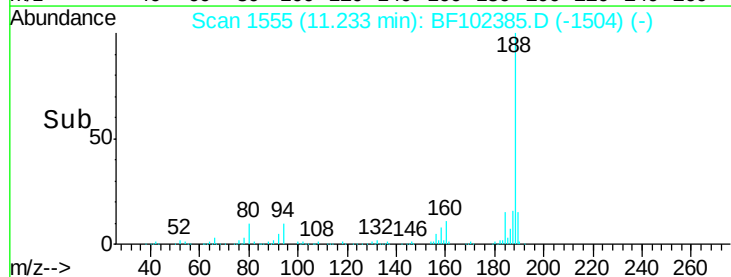
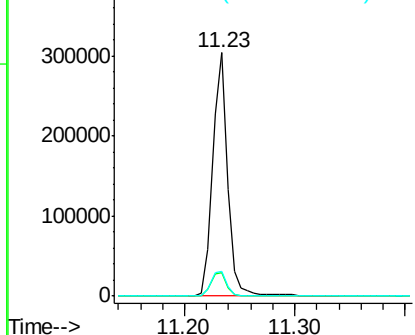


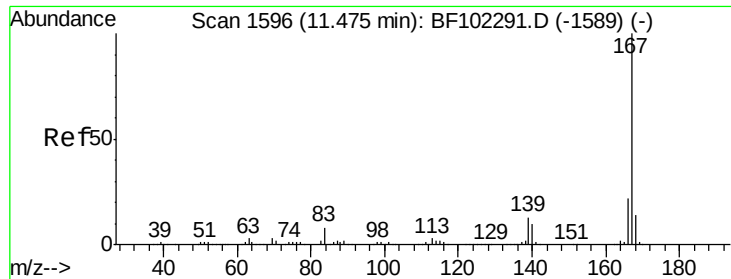
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102385.D
 Acq: 24 Jan 2018 11:59

Tgt Ion:188 Resp: 281915
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.4 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





#72

Carbazole

Concen: 2.363 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102385.D

Acq: 24 Jan 2018 11:59

Instrument :

BNA_F

ClientSampleId :

WC-43-01DL

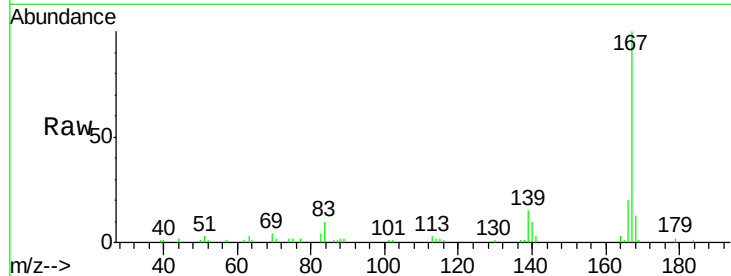
Tgt Ion:167 Resp: 38654

Ion Ratio Lower Upper

167 100

166 20.0 17.6 26.4

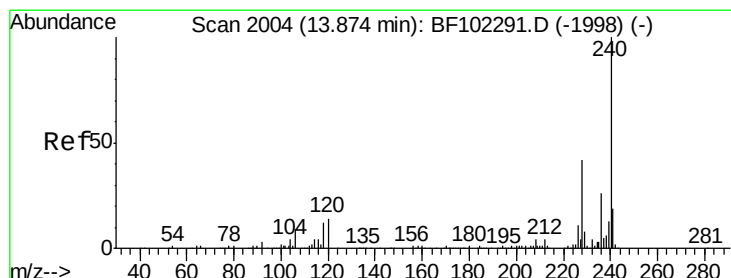
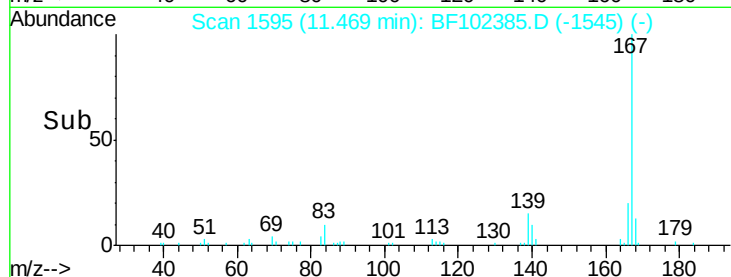
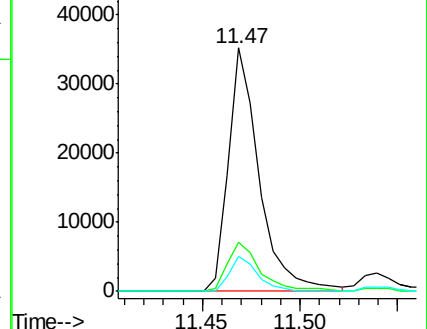
139 14.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102385.D

Acq: 24 Jan 2018 11:59

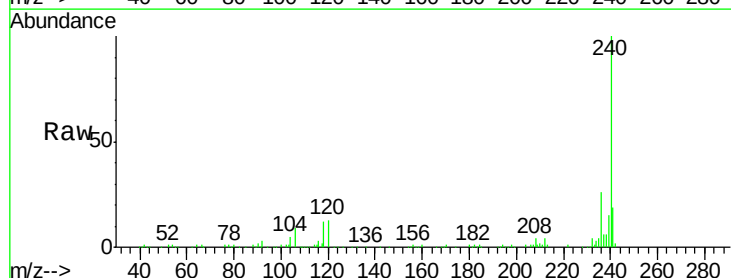
Tgt Ion:240 Resp: 210895

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

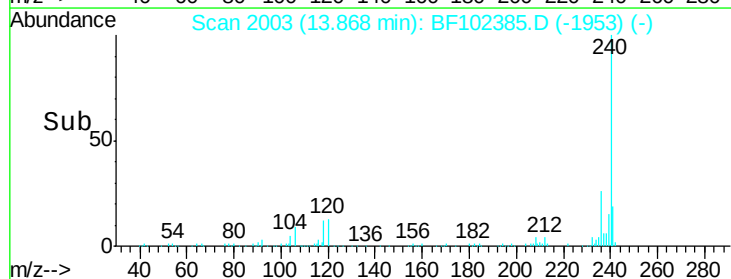
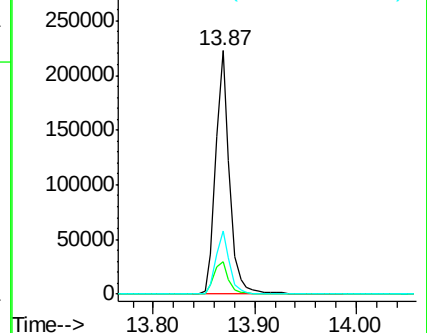
236 26.2 20.7 31.1

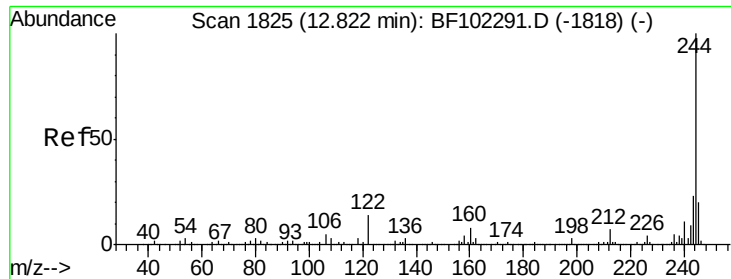


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

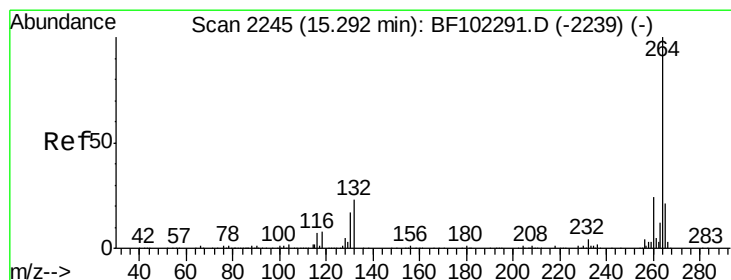
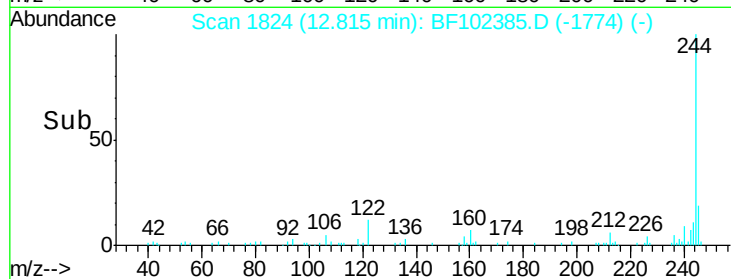
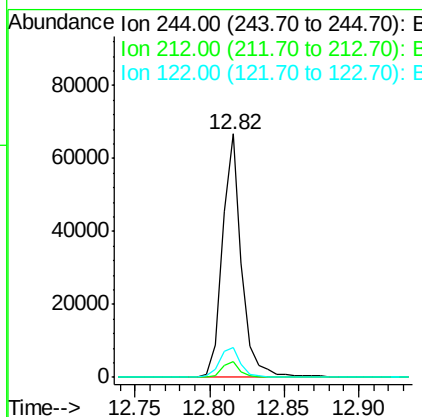
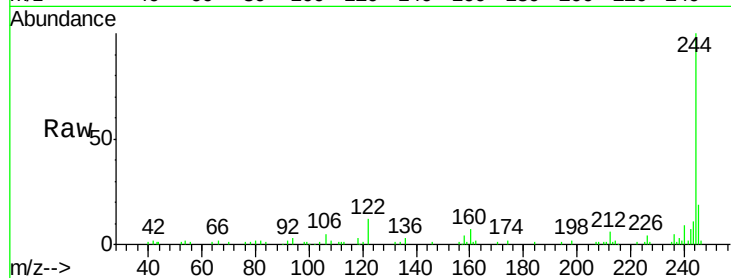




#78
 Terphenyl-d14
 Concen: 6.428 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102385.D
 Acq: 24 Jan 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01DL

Tgt Ion: 244 Resp: 60136
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.4 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: BF102385.D
 Acq: 24 Jan 2018 11:59

Tgt Ion: 264 Resp: 204660
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.0 17.5 26.3

