

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103120.D
 Acq On : 20 Feb 2018 12:47
 Operator : SJ/JU
 Sample : J1601-02DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-IDL

Quant Time: Feb 20 16:10:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

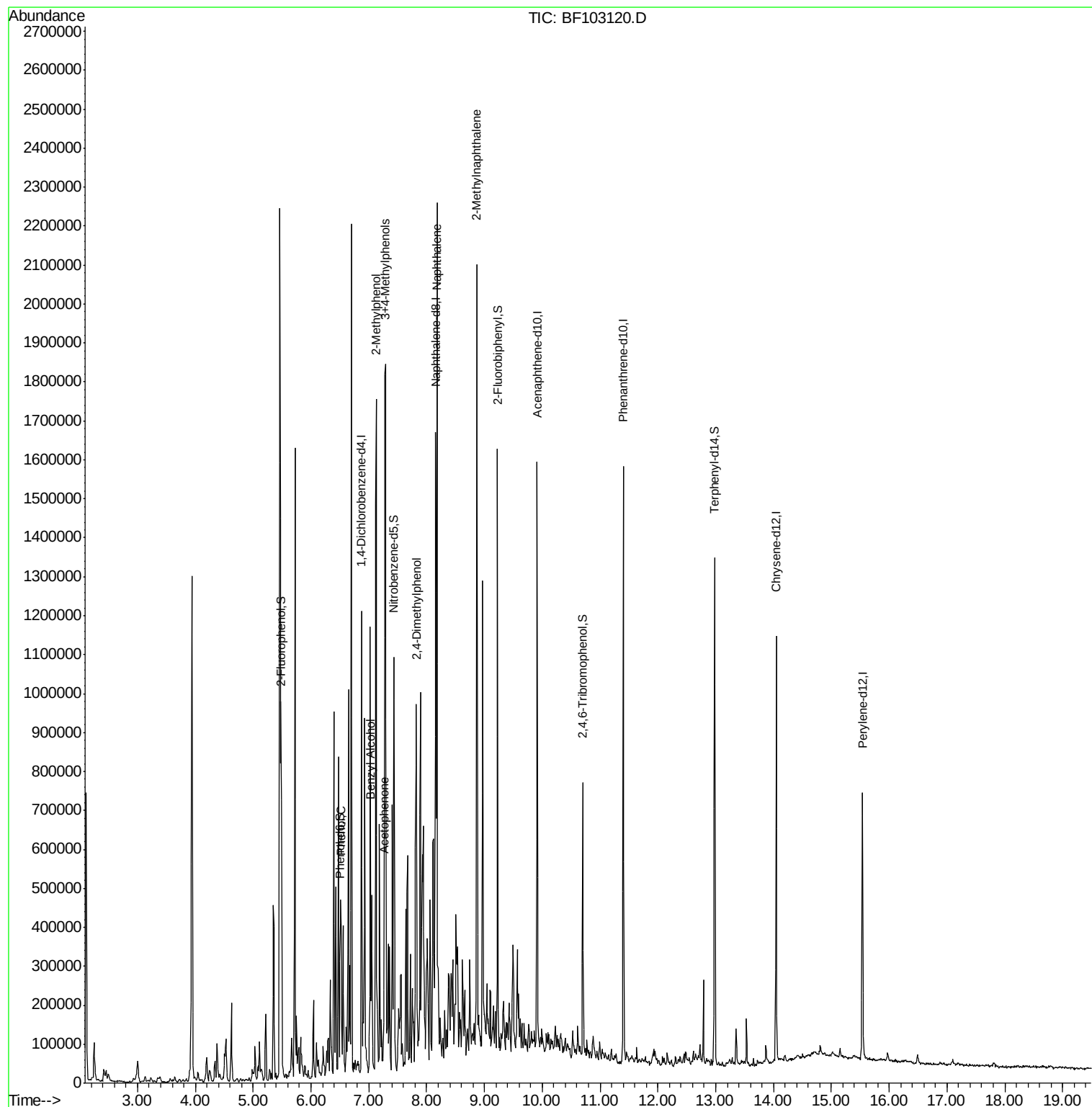
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160995	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	670453	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	308745	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	533246	20.00	ng	0.00
75) Chrysene-d12	14.04	240	348652	20.00	ng	-0.01
86) Perylene-d12	15.54	264	307480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	140557	13.26	ng	0.00
7) Phenol-d6	6.50	99	111717	8.75	ng	0.00
23) Nitrobenzene-d5	7.43	82	227473	23.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	80711	32.48	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	431910	23.21	ng	-0.01
78) Terphenyl-d14	12.98	244	404898	27.50	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.52	94	157535	11.516	ng	99
15) Benzyl Alcohol	7.02	79	23420	2.386	ng	97
17) 2-Methylphenol	7.13	107	293536	29.158	ng	99
20) 3+4-Methylphenols	7.29	107	552418	44.498	ng	89
22) Acetophenone	7.26	105	69470	4.234	ng	# 66
27) 2,4-Dimethylphenol	7.82	122	172901	18.389	ng	# 92
31) Naphthalene	8.18	128	778080	23.753	ng	99
37) 2-Methylnaphthalene	8.87	142	537760	25.075	ng	98

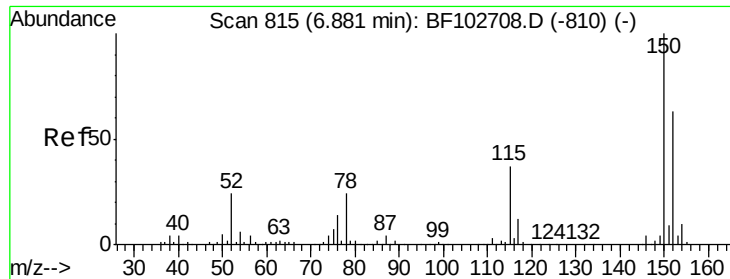
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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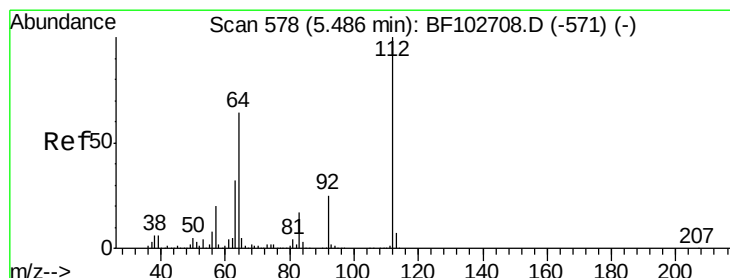
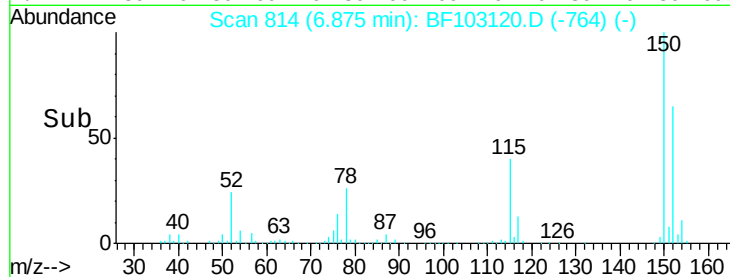
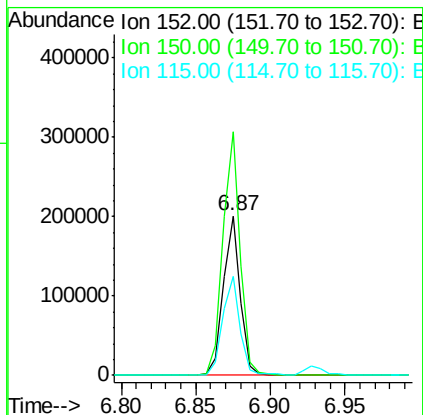
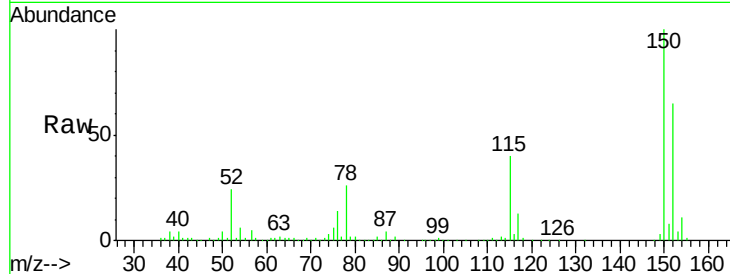


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103120.D
Acq: 20 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

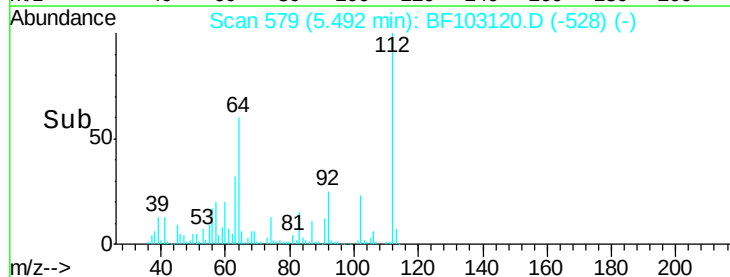
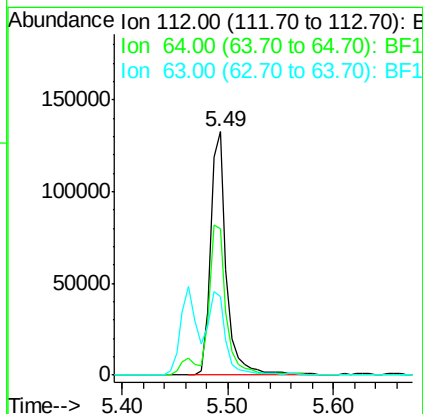
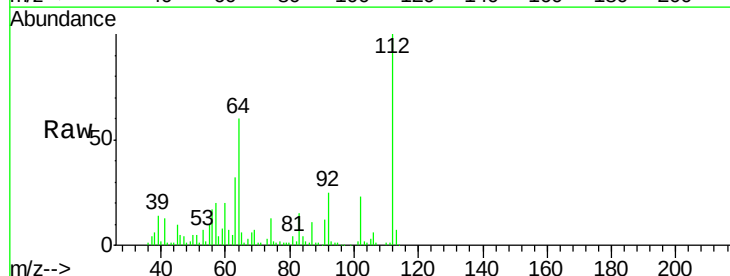
Tot Ion:152 Resp: 160995
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 61.8 50.1 75.1

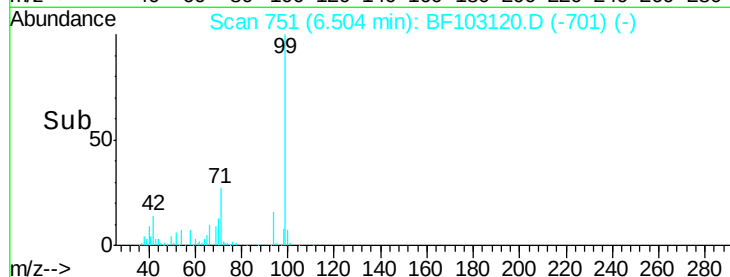
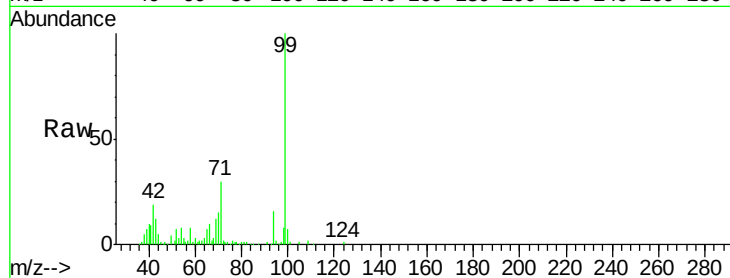
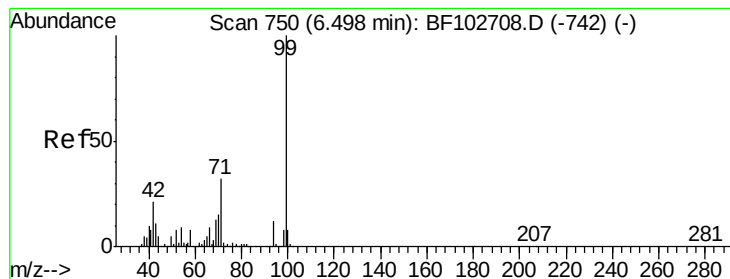


#5

2-Fluorophenol
Concen: 13.259 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103120.D
Acq: 20 Feb 2018 12:47

Tgt Ion:112 Resp: 140557
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 8.752 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

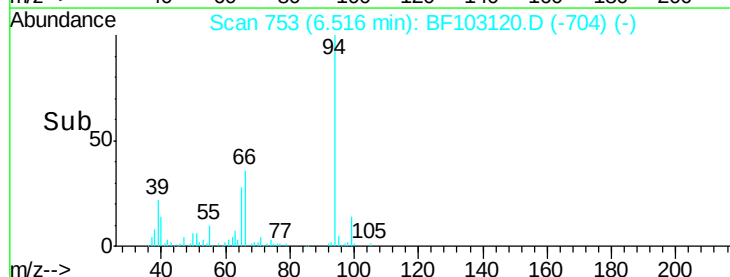
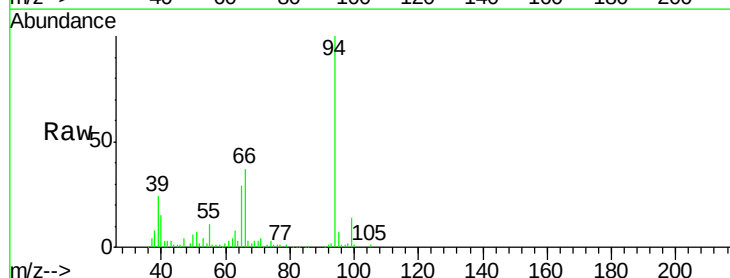
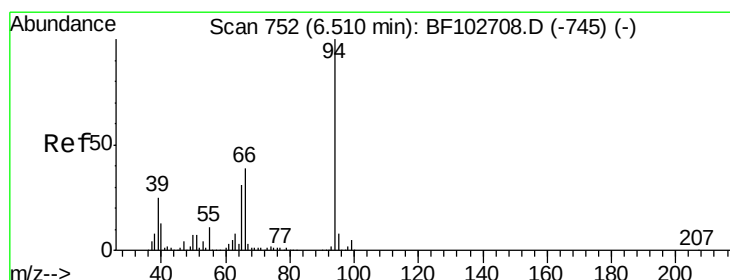
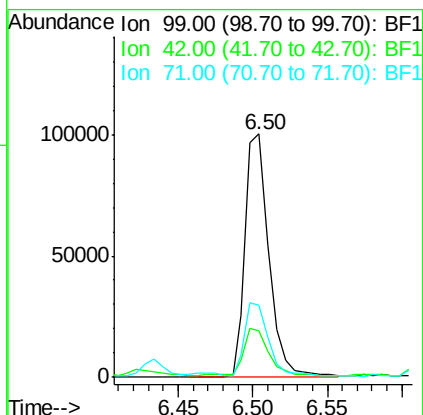
Tot Ion: 99 Resp: 111717

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 29.5 25.4 38.0



#10

Phenol

Concen: 11.516 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

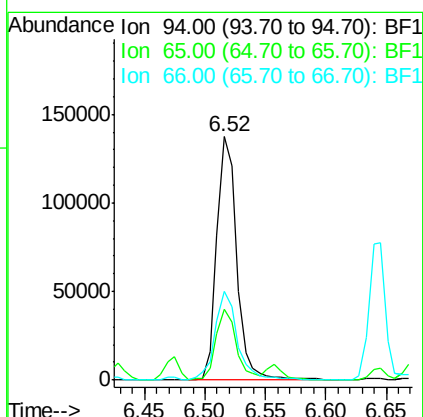
Tgt Ion: 94 Resp: 157535

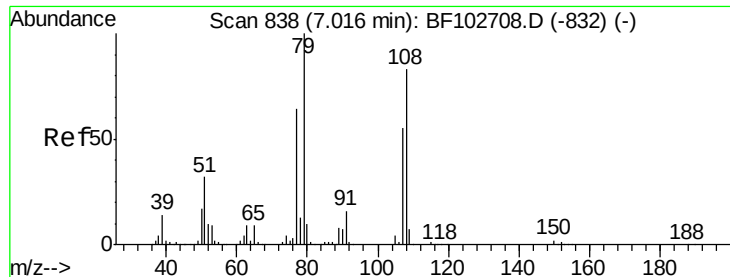
Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

66 36.5 16.2 56.2





#15

Benzyl Alcohol

Concen: 2.386 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

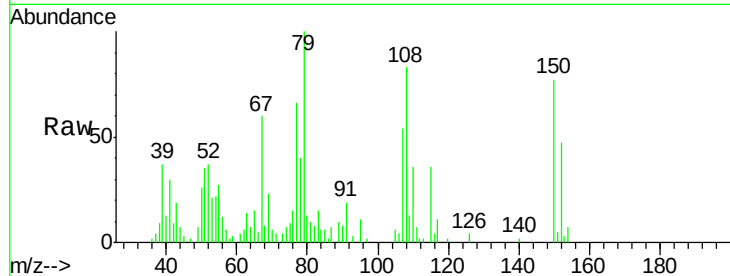
Tot Ion: 79 Resp: 23420

Ion Ratio Lower Upper

79 100

108 82.9 65.1 97.7

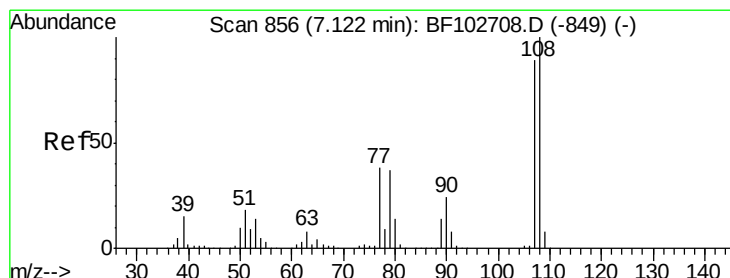
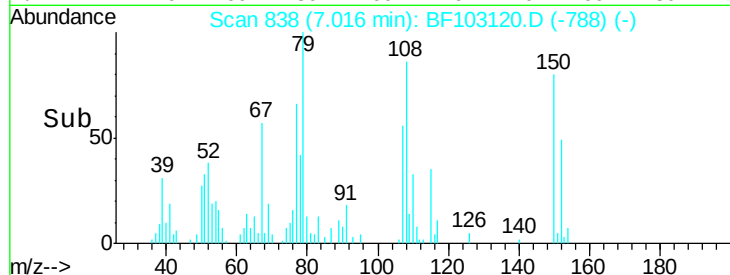
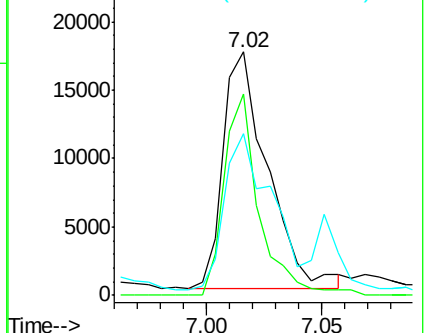
77 66.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 29.158 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Tgt Ion: 107 Resp: 293536

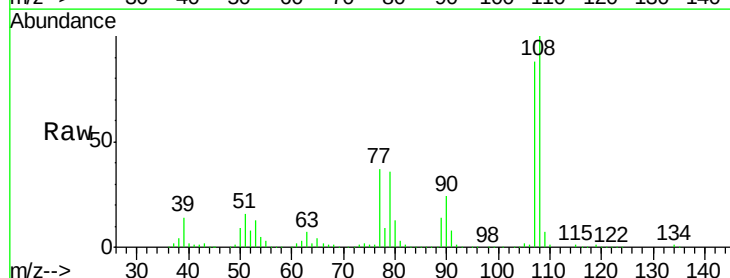
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 41.7 33.8 50.8

79 41.0 33.8 50.8

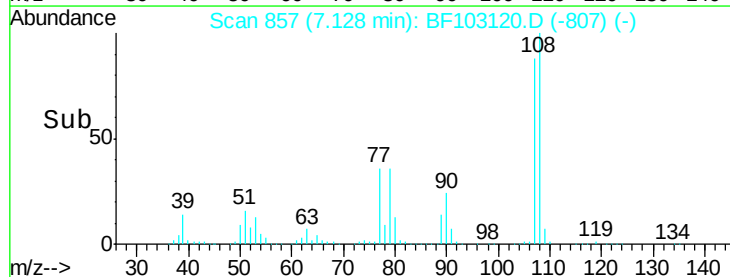
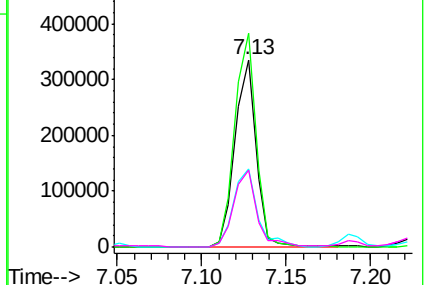


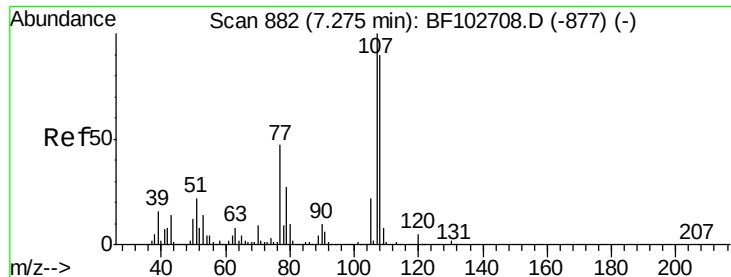
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#20

3+4-Methylphenols

Concen: 44.498 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

Tot Ion:107 Resp: 552418

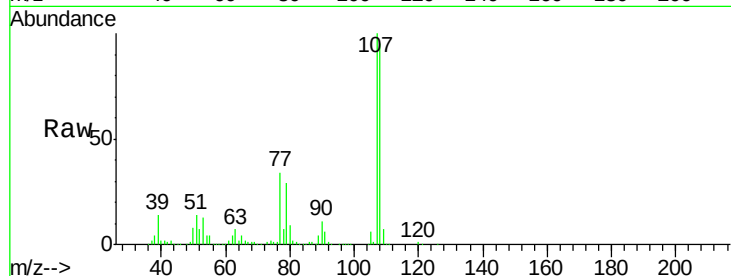
Ion Ratio Lower Upper

107 100

108 95.4 68.2 108.2

77 33.7 26.7 66.7

79 29.0 6.3 46.3

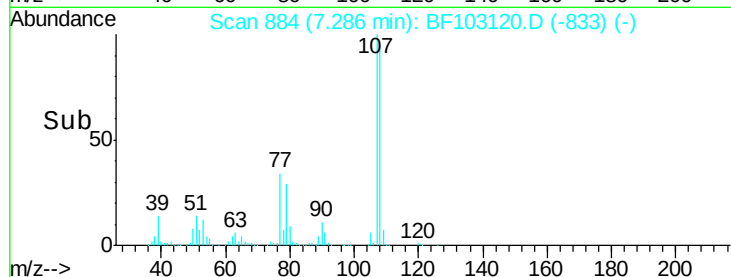


Abundance Ion 107.00 (106.70 to 107.70): E

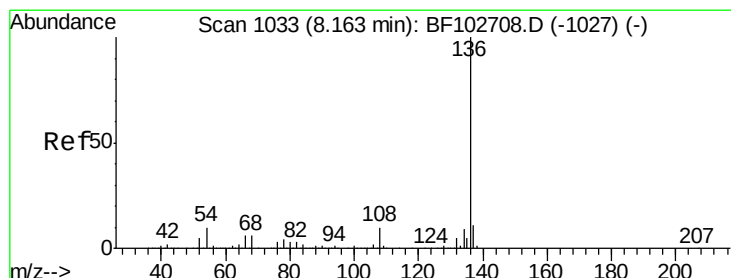
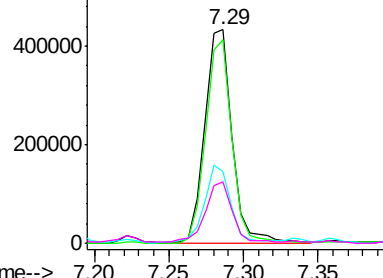
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Tgt Ion:136 Resp: 670453

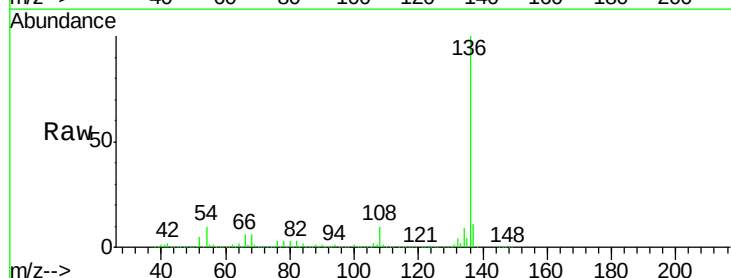
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.6 6.6 9.8

68 6.3 5.0 7.4

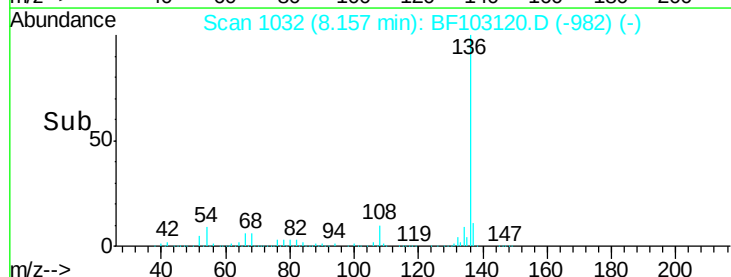


Abundance Ion 136.00 (135.70 to 136.70): E

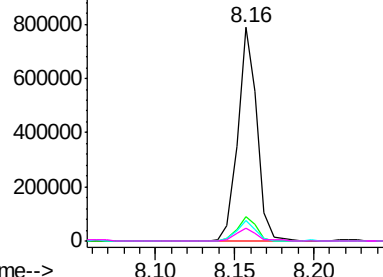
Ion 137.00 (136.70 to 137.70): E

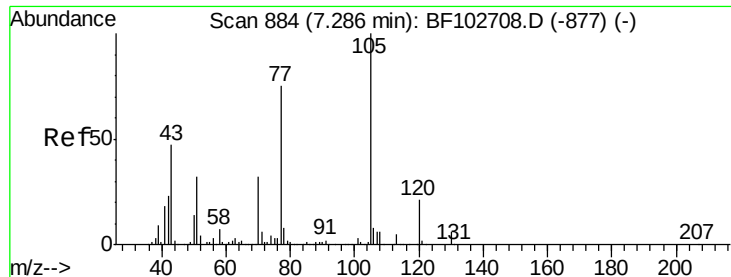
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#22

Acetophenone

Concen: 4.234 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.03 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

Tot Ion:105 Resp: 69470

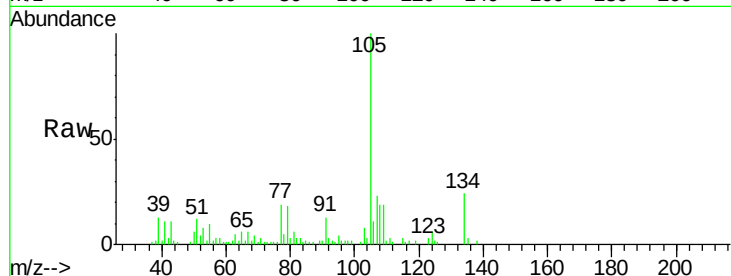
Ion Ratio Lower Upper

105 100

71 2.7 4.4 6.6#

51 11.8 22.3 33.5#

120 0.0 16.9 25.3#



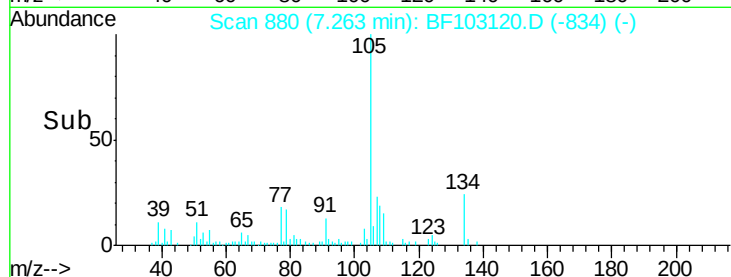
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

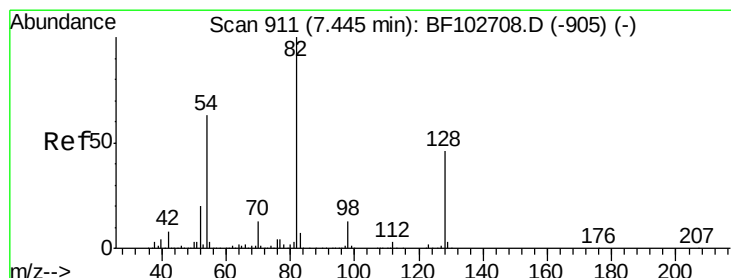
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 23.536 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

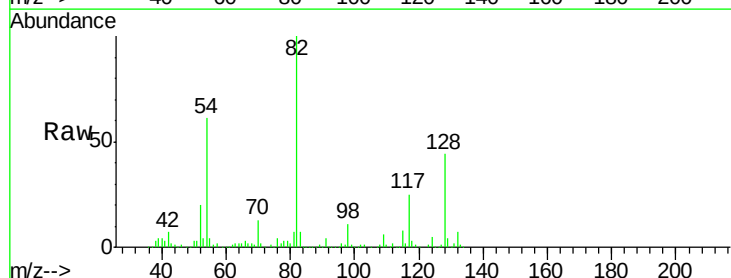
Tgt Ion: 82 Resp: 227473

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

54 60.9 41.4 62.2

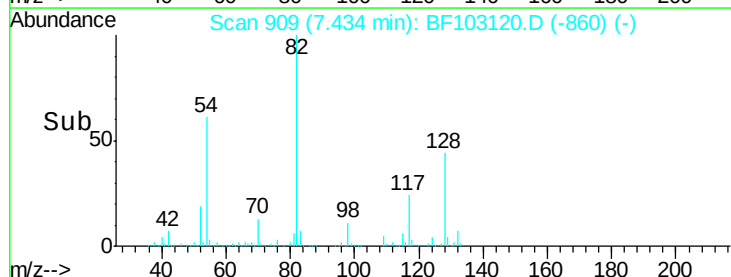


Abundance Ion 82.00 (81.70 to 82.70): BF1

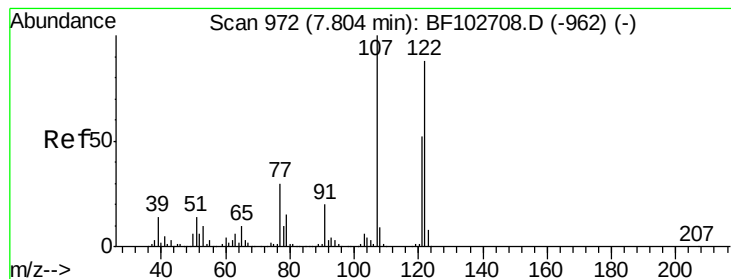
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 18.389 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

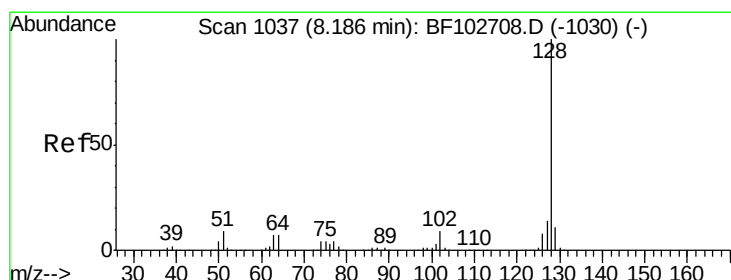
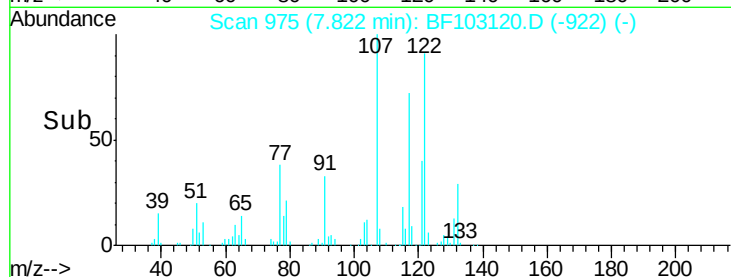
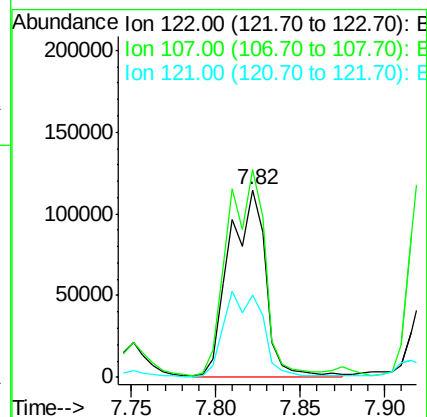
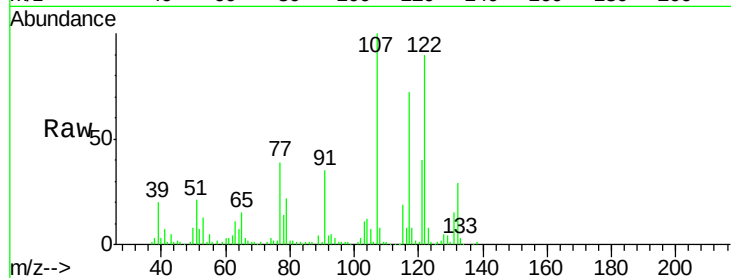
Tot Ion:122 Resp: 172901

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

121 44.3 47.2 70.8#



#31

Naphthalene

Concen: 23.753 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

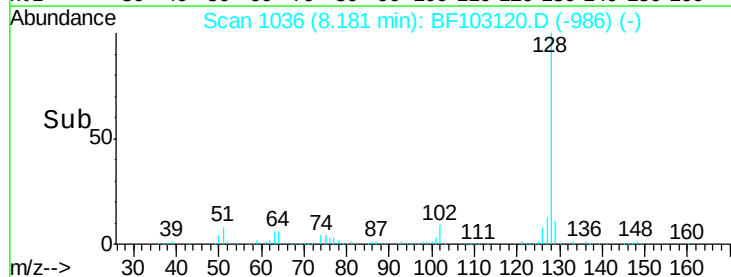
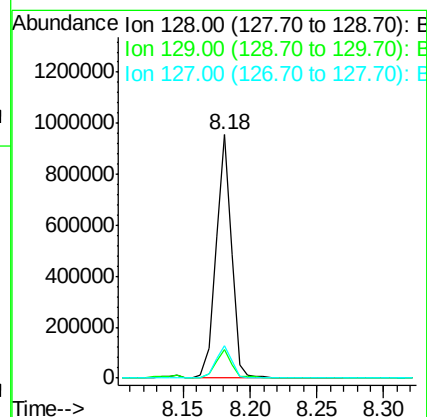
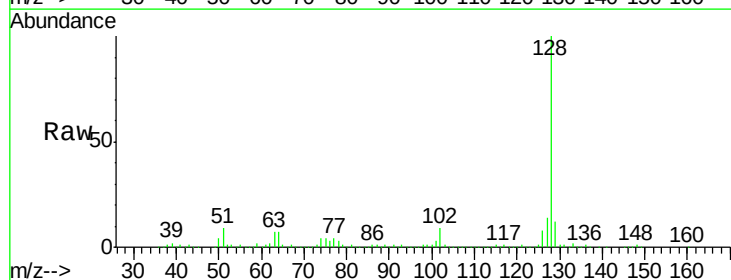
Tgt Ion:128 Resp: 778080

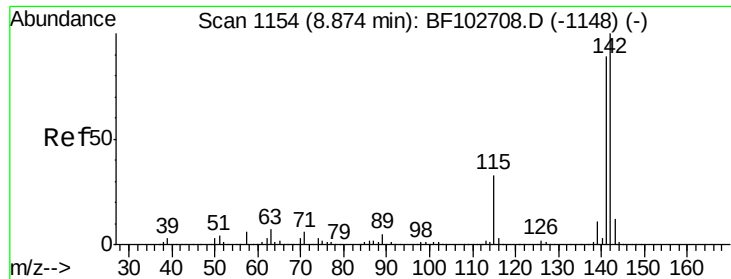
Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 13.5 10.9 16.3





#37

2-Methylnaphthalene

Concen: 25.075 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

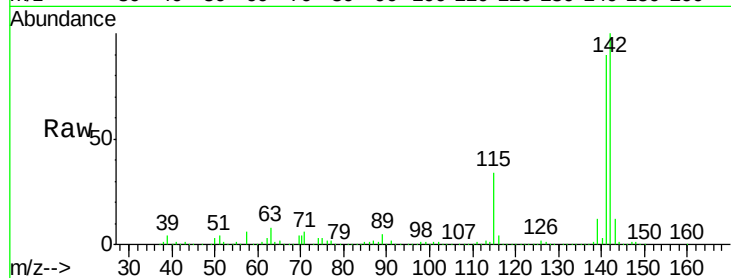
Tot Ion:142 Resp: 537760

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

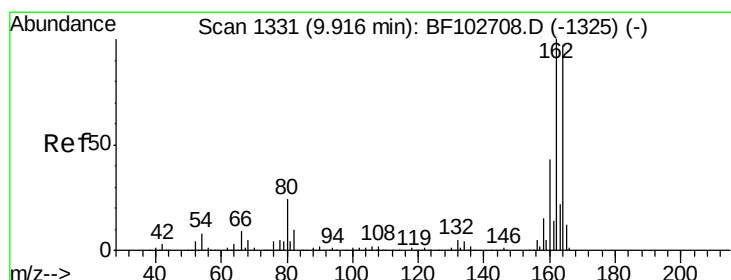
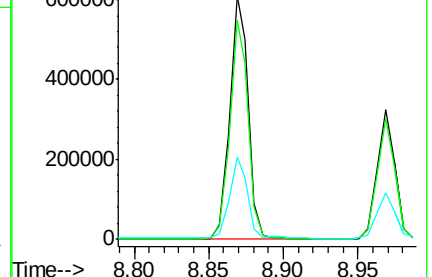
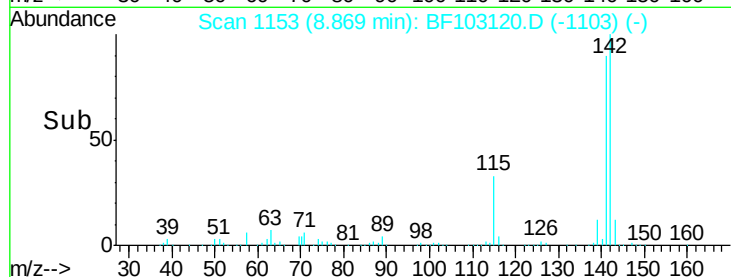
115 33.6 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

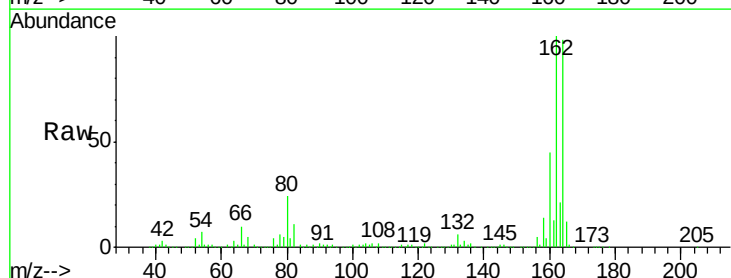
Tgt Ion:164 Resp: 308745

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

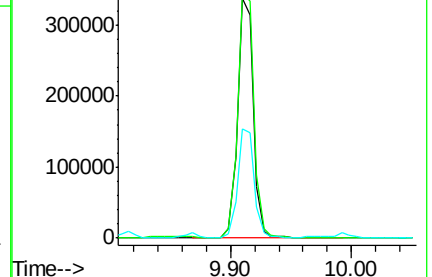
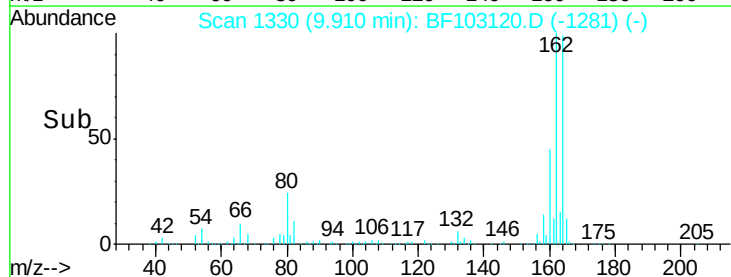
160 45.6 38.3 57.5

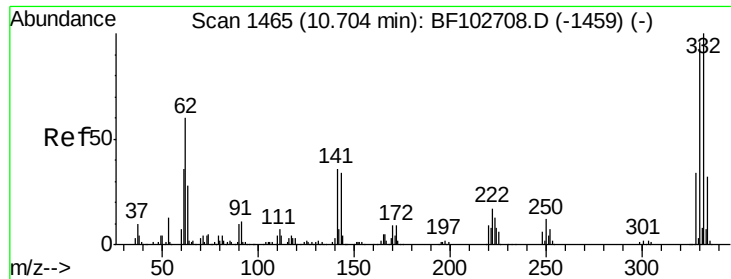


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

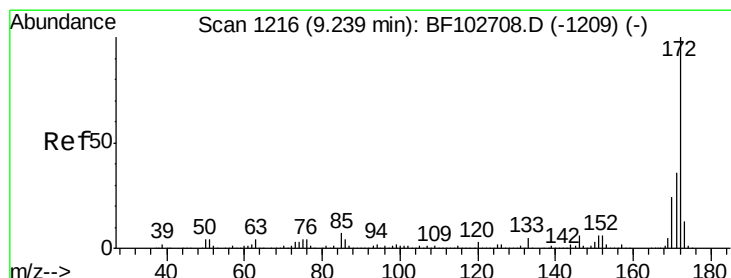
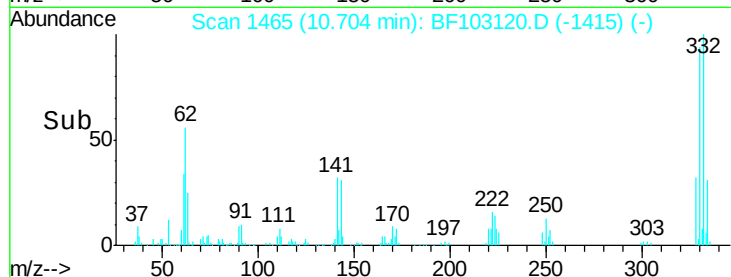
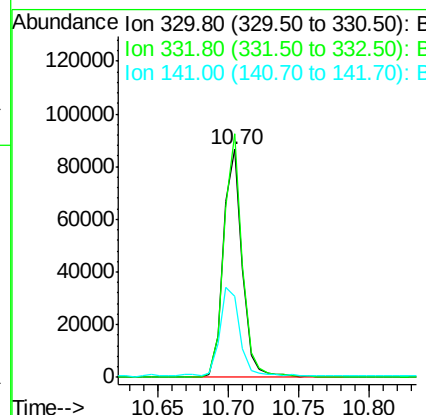
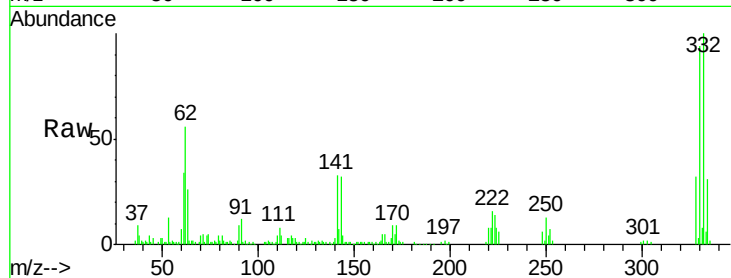




#41
 2,4,6-Tribromophenol
 Concen: 32.479 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103120.D
 Acq: 20 Feb 2018 12:47

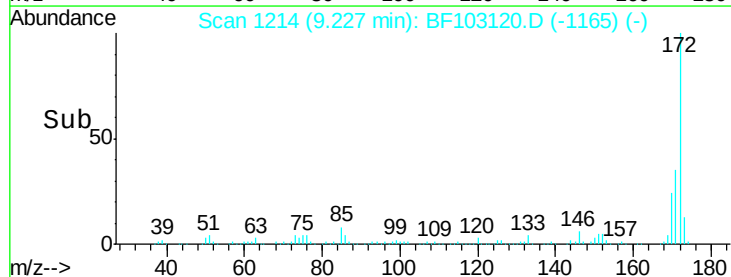
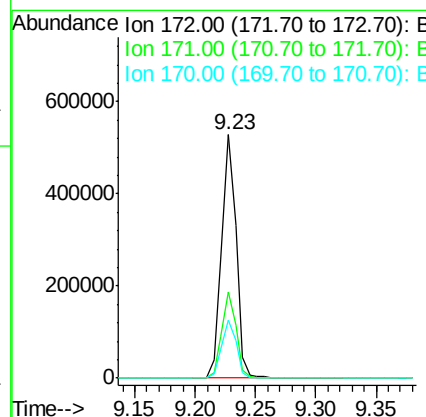
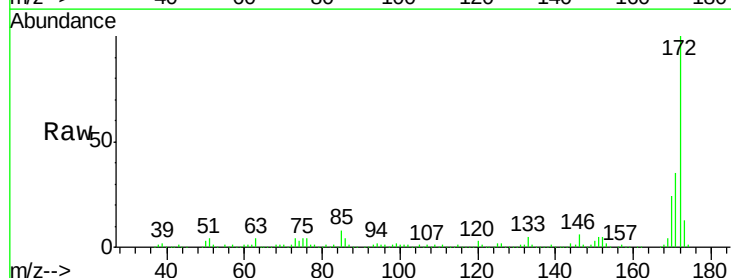
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-IDL

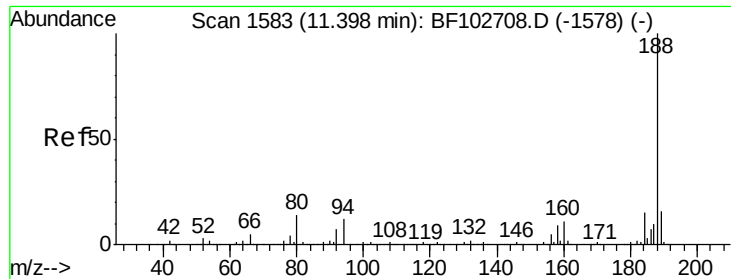
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	41.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 23.213 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103120.D
 Acq: 20 Feb 2018 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.0	19.6	29.4

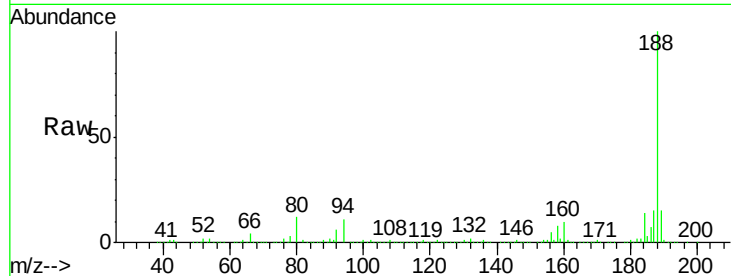




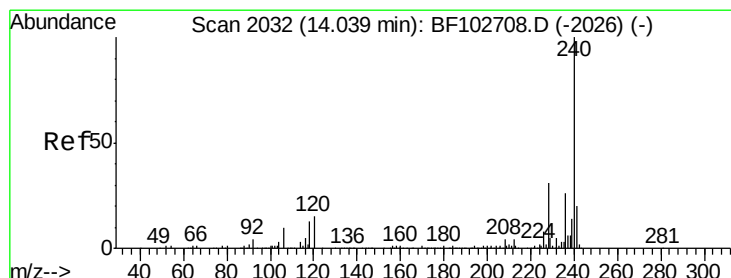
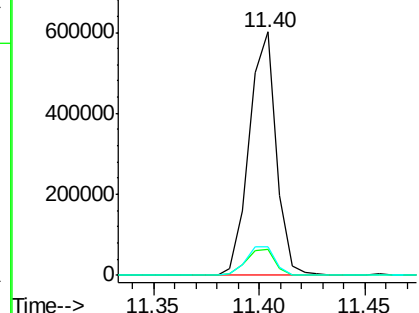
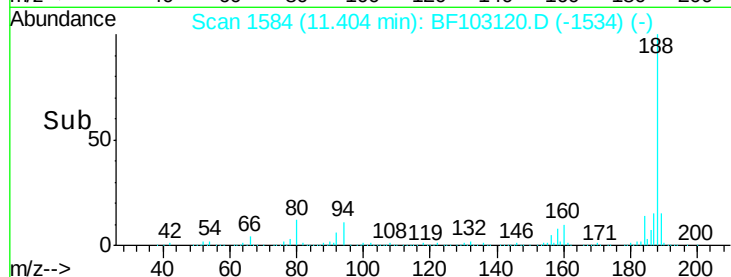
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103120.D
Acq: 20 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tot Ion:188 Resp: 533246
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8

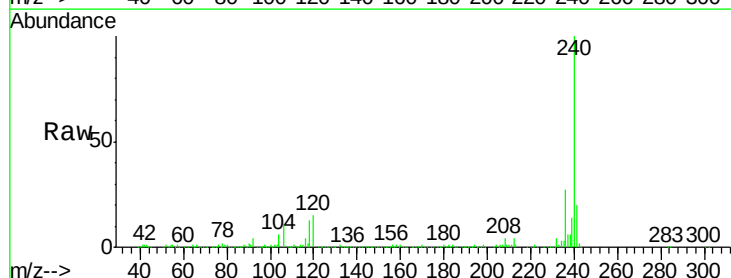


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

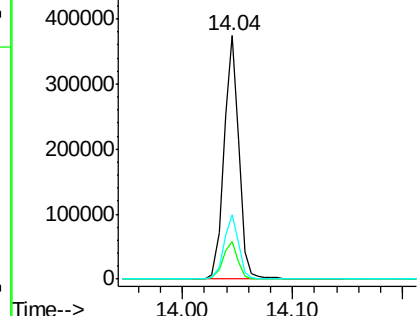
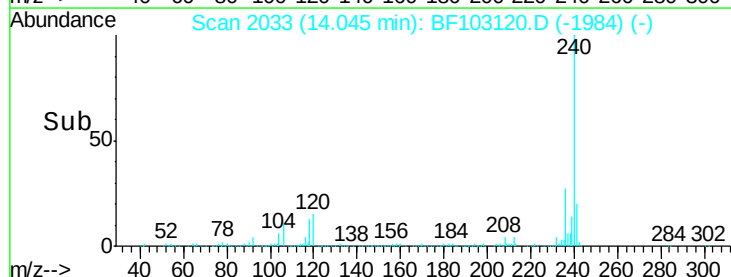


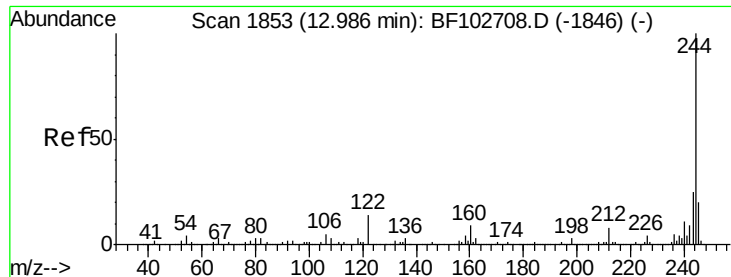
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103120.D
Acq: 20 Feb 2018 12:47

Tgt Ion:240 Resp: 348652
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.5 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: 27.498 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

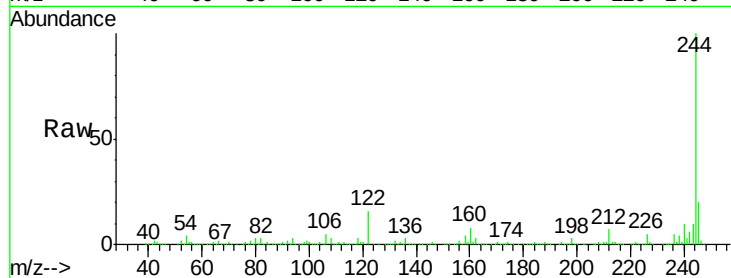
Tot Ion:244 Resp: 404898

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

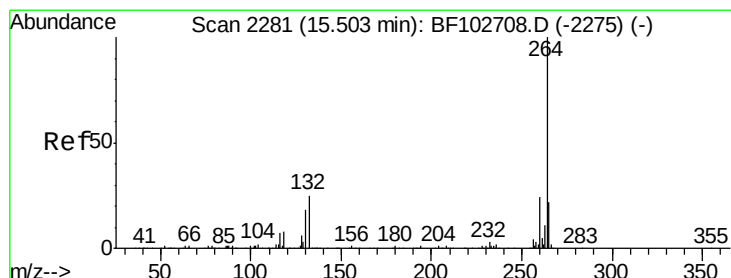
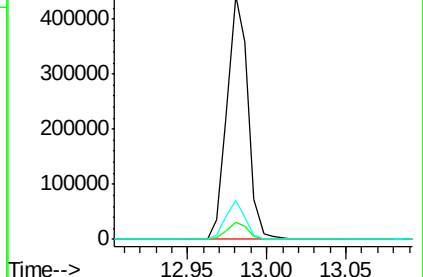
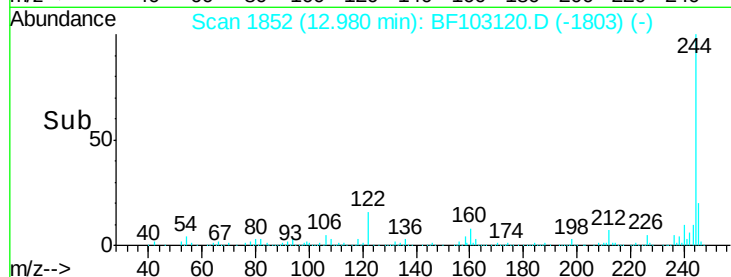
122 15.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103120.D

Acq: 20 Feb 2018 12:47

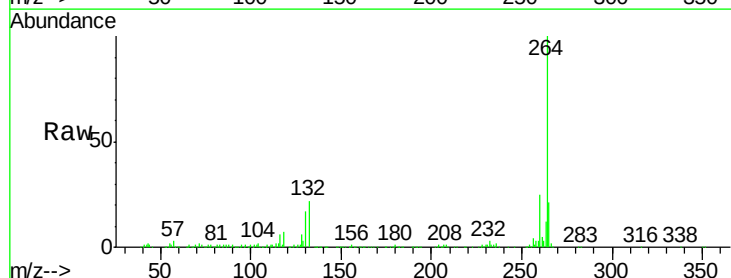
Tgt Ion:264 Resp: 307480

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.1 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

