

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103921.D
 Acq On : 26 Mar 2018 13:05
 Operator : JU/SJ
 Sample : J1994-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-02-031918

Quant Time: Mar 27 07:43:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

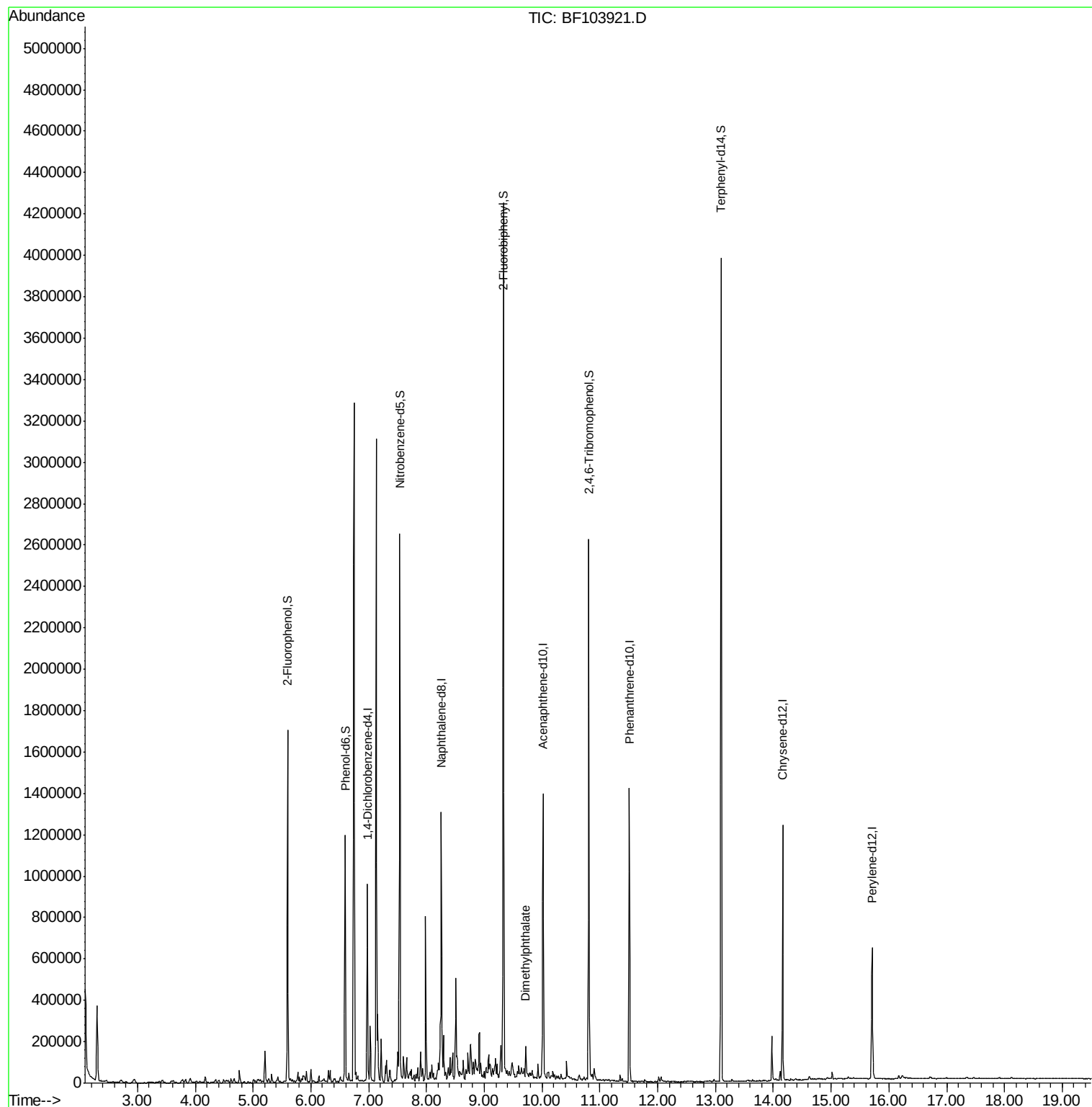
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133795	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	544270	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	260680	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	480440	20.00	ng	0.00
75) Chrysene-d12	14.16	240	389175	20.00	ng	0.00
86) Perylene-d12	15.71	264	308101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	529181	60.16	ng	0.00
7) Phenol-d6	6.59	99	401602	37.32	ng	0.00
23) Nitrobenzene-d5	7.54	82	860373	110.24	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	383403	171.06	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1456666	89.14	ng	0.00
78) Terphenyl-d14	13.10	244	1586527	94.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	52438	2.637	ng	Qvalue 98

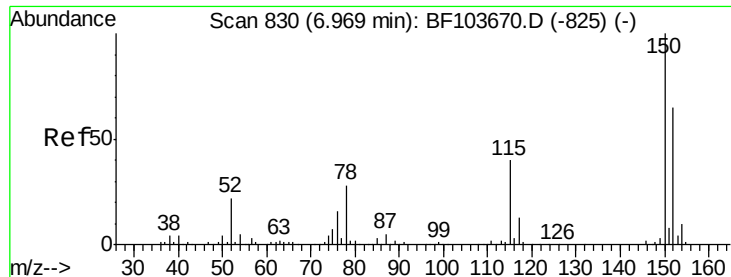
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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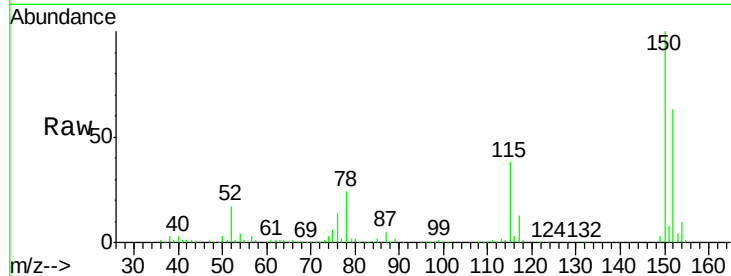


#1

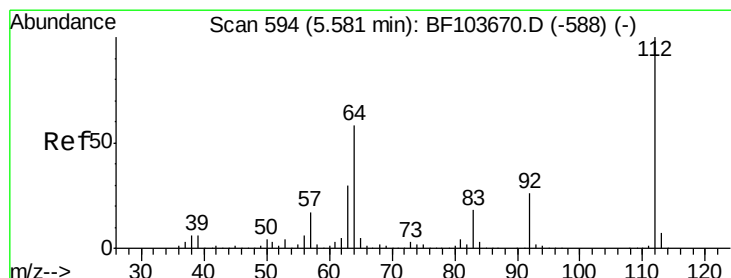
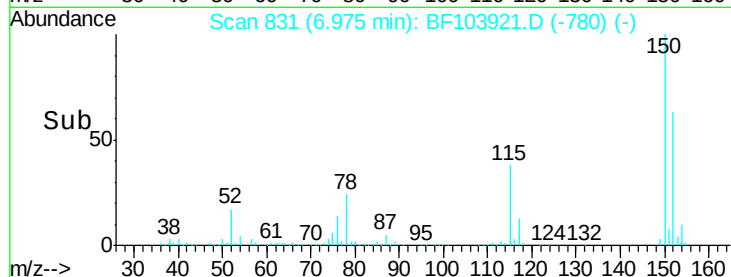
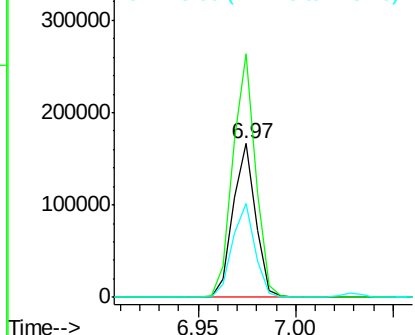
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103921.D
Acq: 26 Mar 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PR-MW-02-031918

Tot Ion:152 Resp: 133795
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.8 50.1 75.1



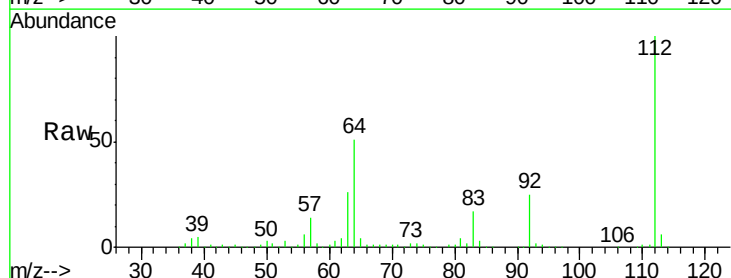
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



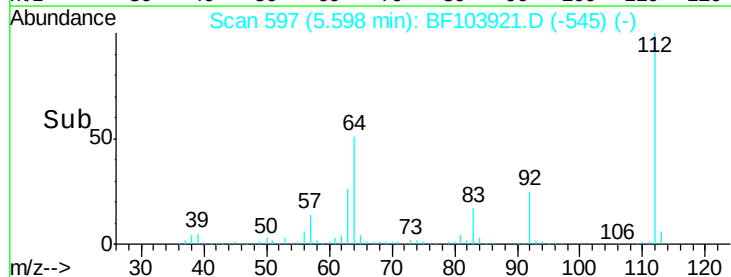
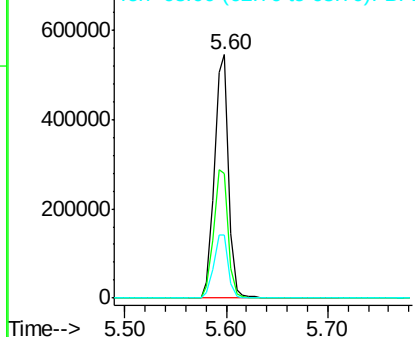
#5

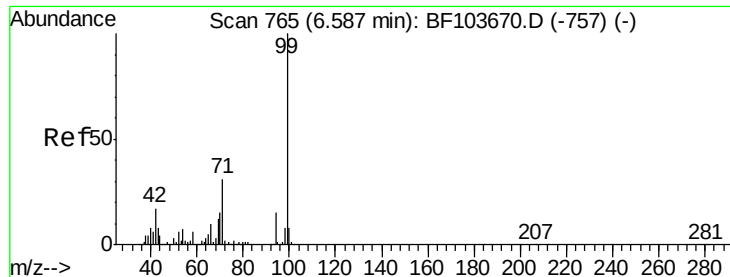
2-Fluorophenol
Concen: 60.158 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103921.D
Acq: 26 Mar 2018 13:05

Tgt Ion:112 Resp: 529181
Ion Ratio Lower Upper
112 100
64 51.3 47.9 71.9
63 25.8 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: 37.317 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103921.D

Acq: 26 Mar 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PR-MW-02-031918

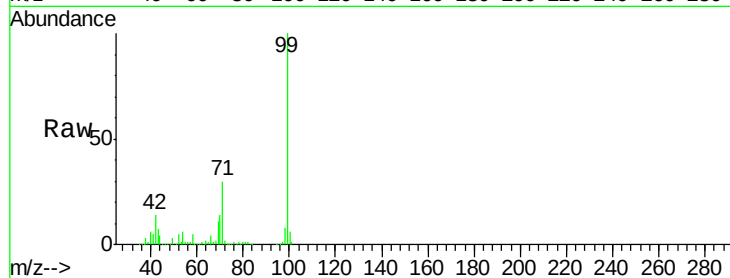
Tot Ion: 99 Resp: 401602

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

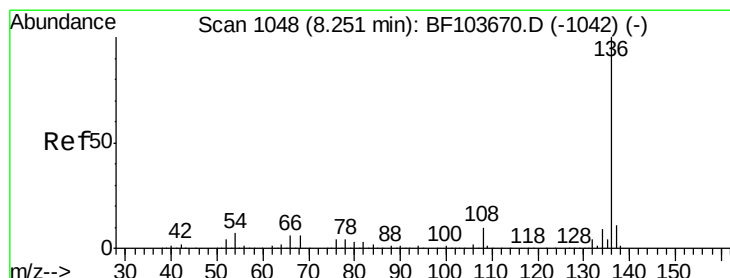
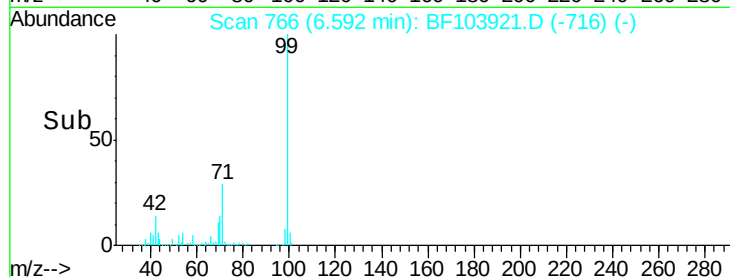
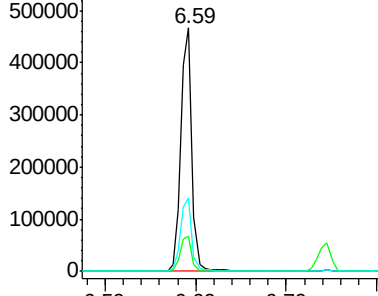
71 30.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103921.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 136 Resp: 544270

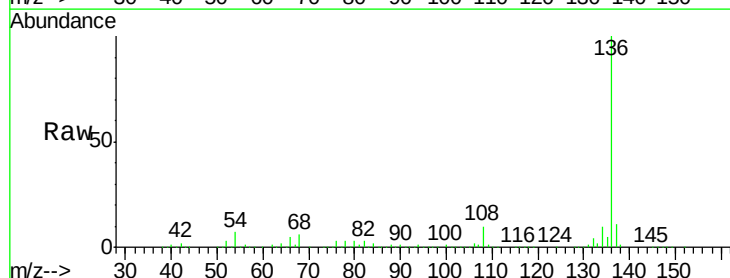
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

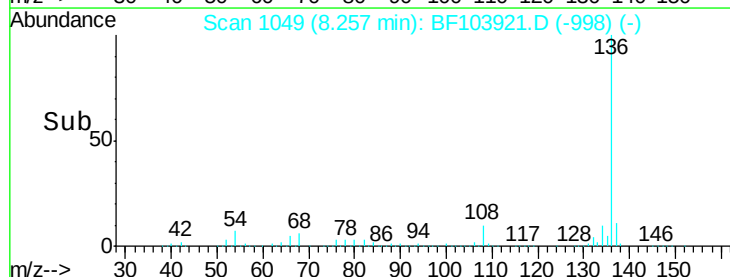
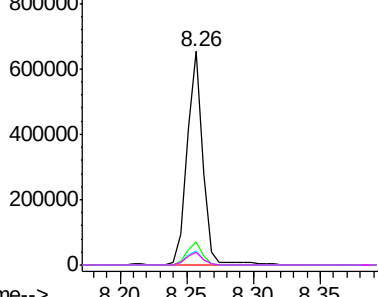


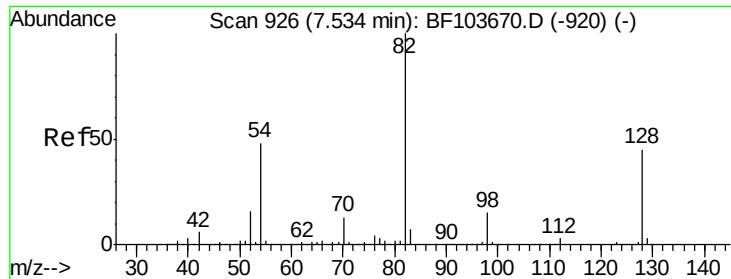
Abundance Ion 136.00 (135.70 to 136.70): E

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

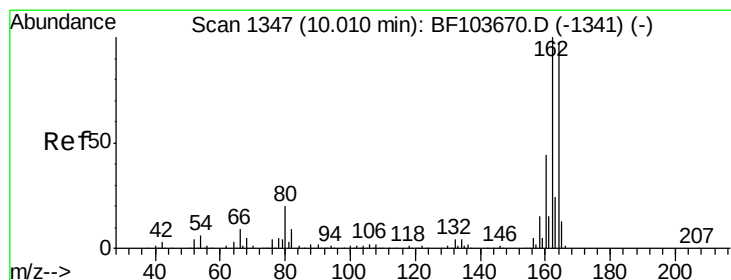
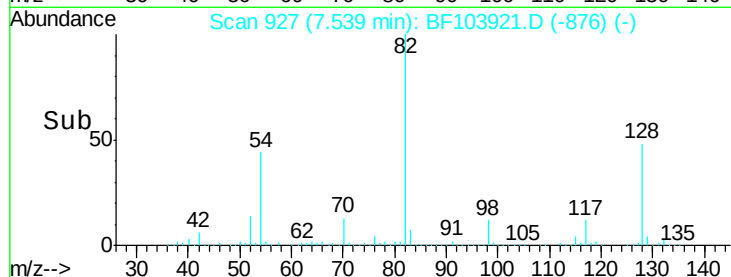
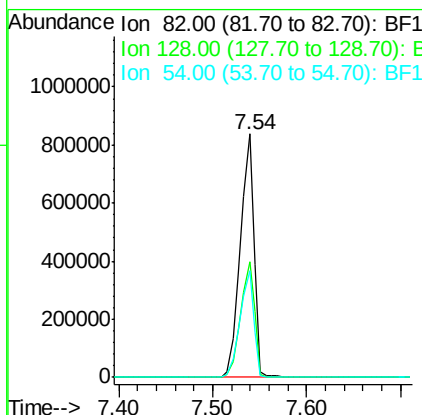
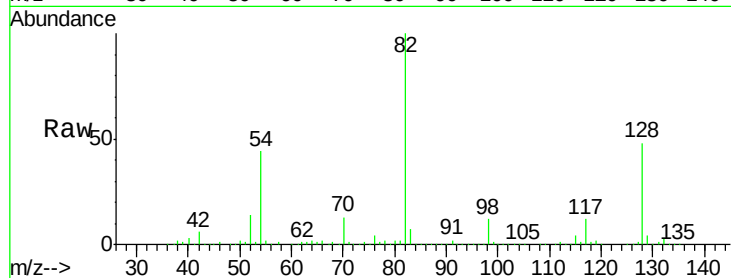




#23
 Nitrobenzene-d5
 Concen: 110.237 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103921.D
 Acq: 26 Mar 2018 13:05

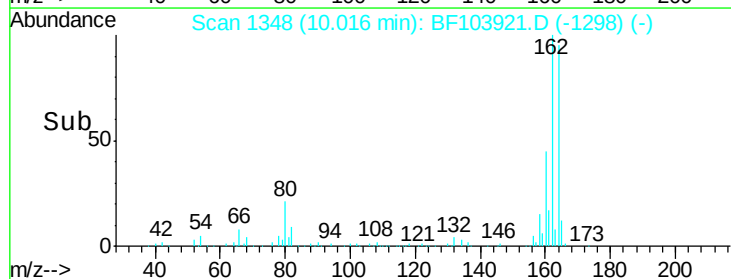
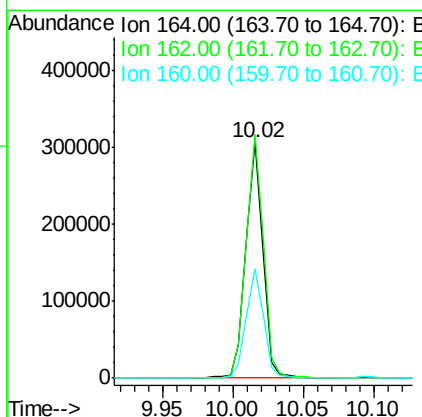
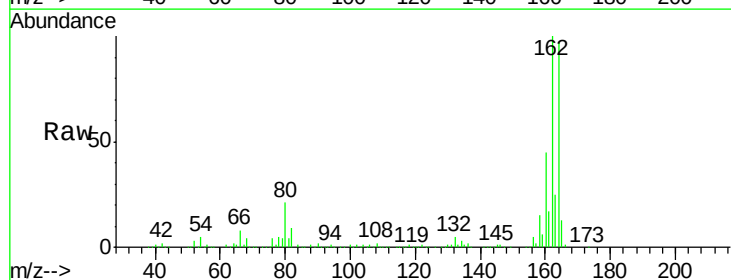
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-02-031918

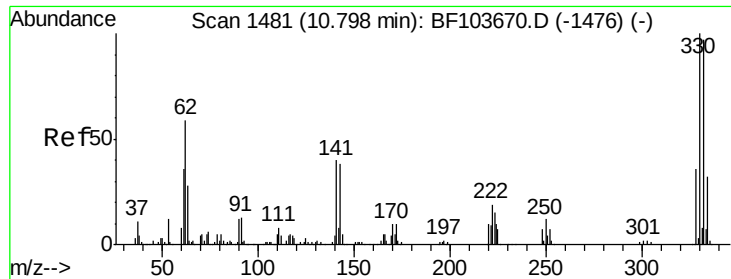
Tot Ion: 82 Resp: 860373
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 43.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103921.D
 Acq: 26 Mar 2018 13:05

Tgt Ion:164 Resp: 260680
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.2 38.3 57.5

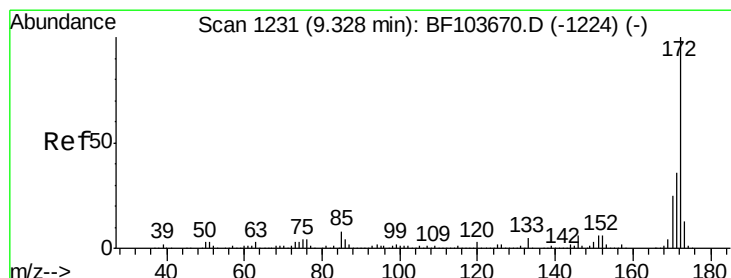
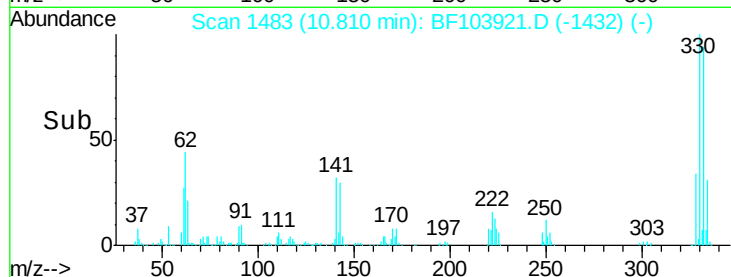
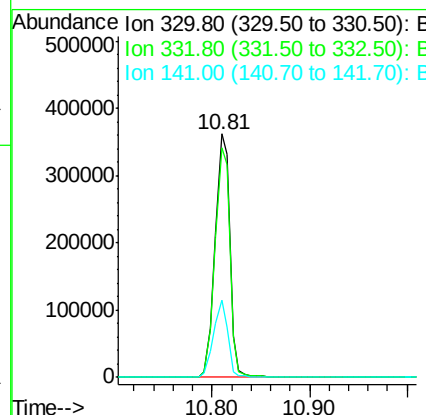
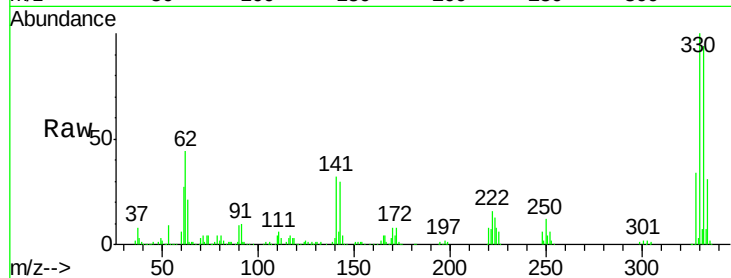




#41
 2,4,6-Tribromophenol
 Concen: 171.059 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103921.D
 Acq: 26 Mar 2018 13:05

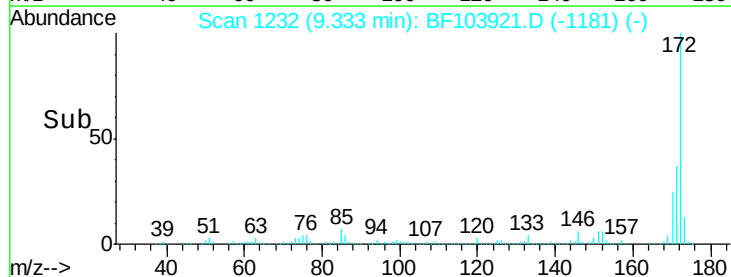
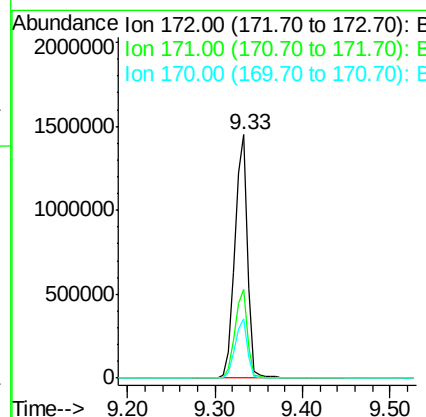
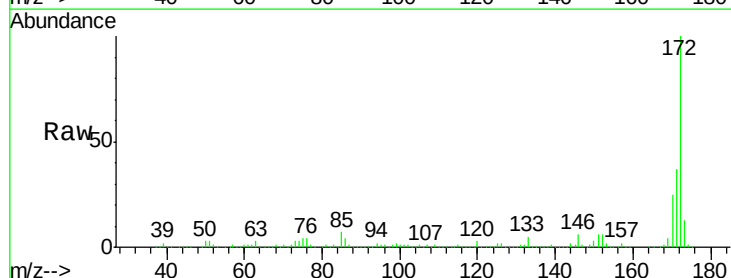
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-02-031918

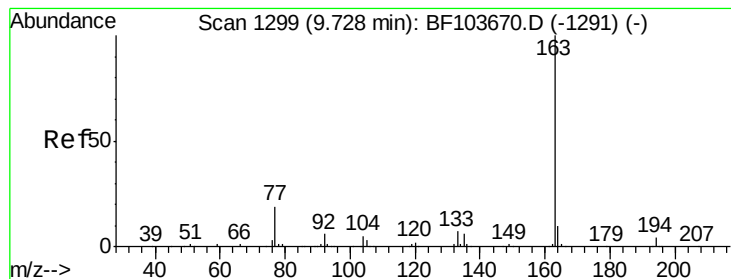
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.136 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103921.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4





#49

Dimethylphthalate

Concen: 2.637 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103921.D

Acq: 26 Mar 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PR-MW-02-031918

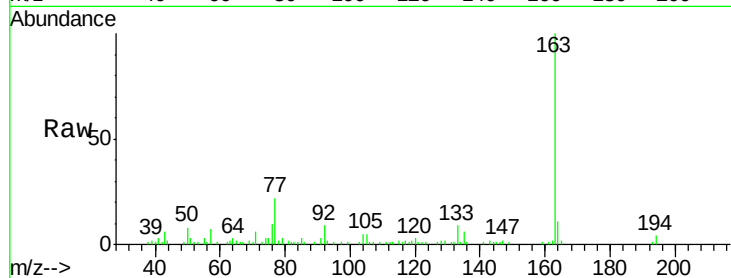
Tot Ion:163 Resp: 52438

Ion Ratio Lower Upper

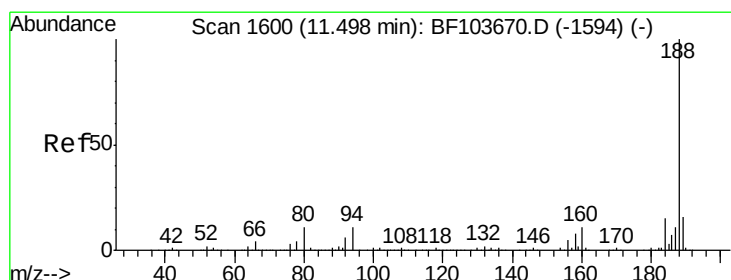
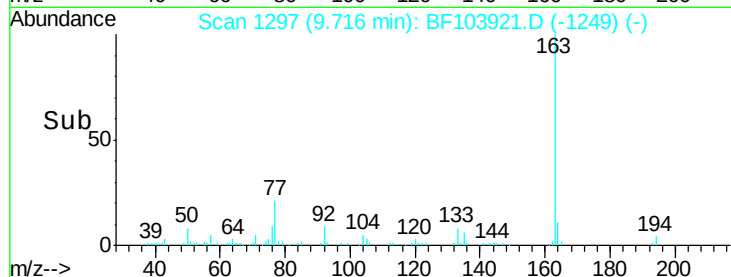
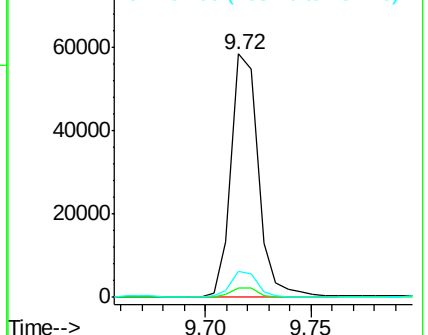
163 100

194 3.7 2.7 4.1

164 10.9 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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103921.D

Acq: 26 Mar 2018 13:05

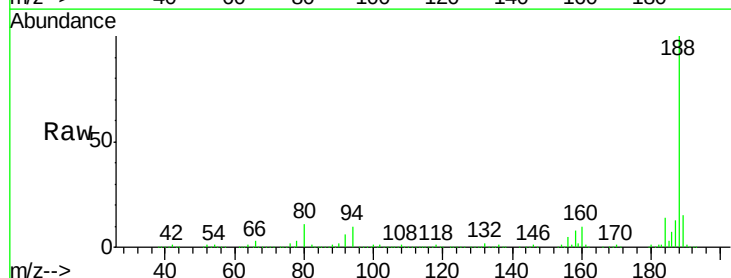
Tgt Ion:188 Resp: 480440

Ion Ratio Lower Upper

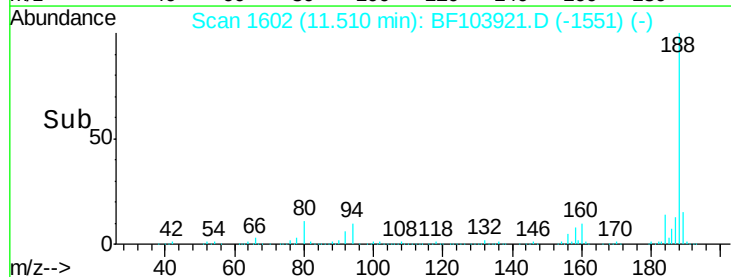
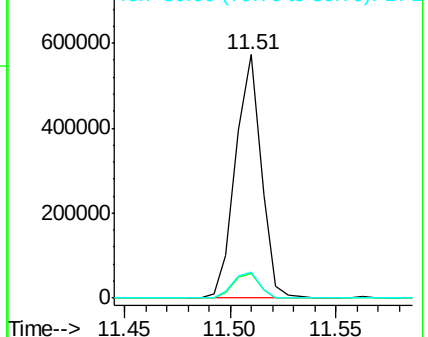
188 100

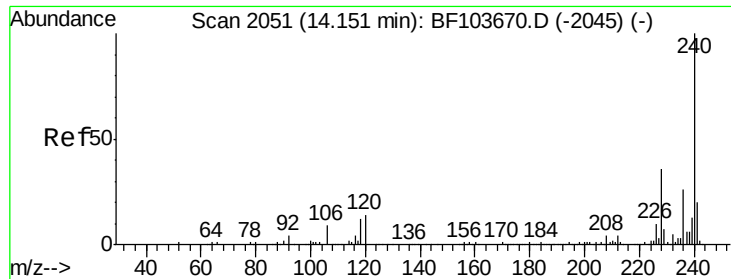
94 10.1 8.5 12.7

80 10.6 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

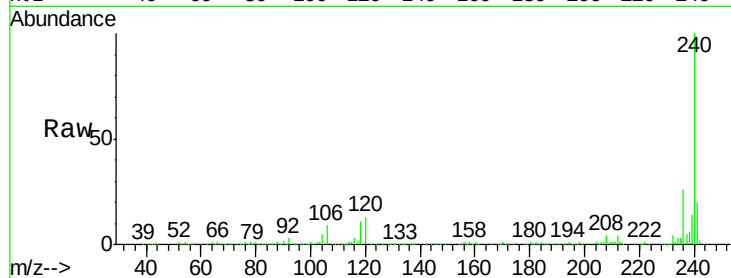




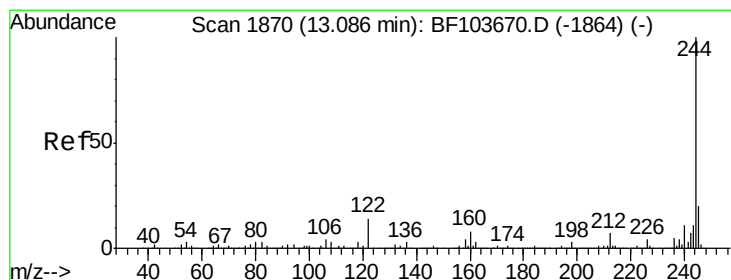
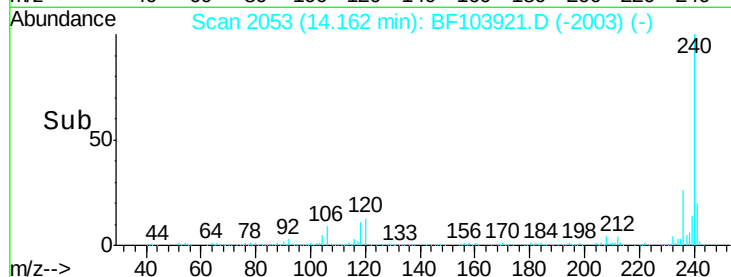
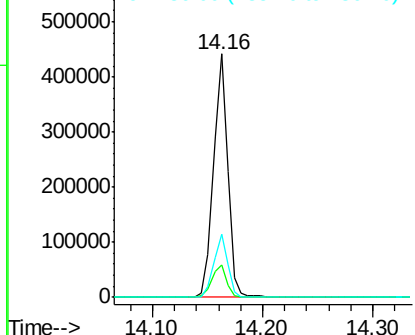
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103921.D
Acq: 26 Mar 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PR-MW-02-031918

Tot Ion:240 Resp: 389175
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.8 20.7 31.1

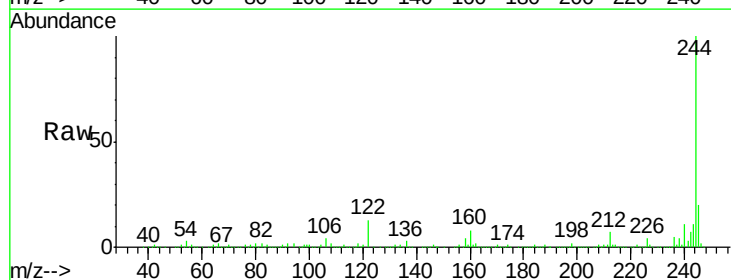


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

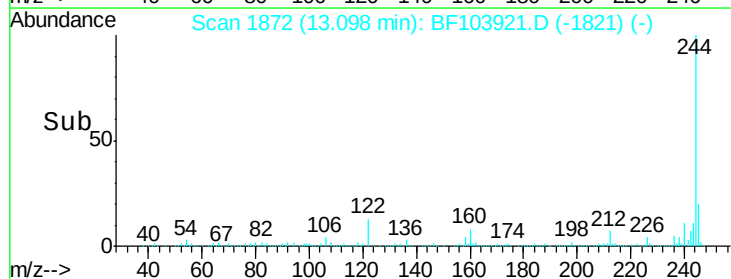
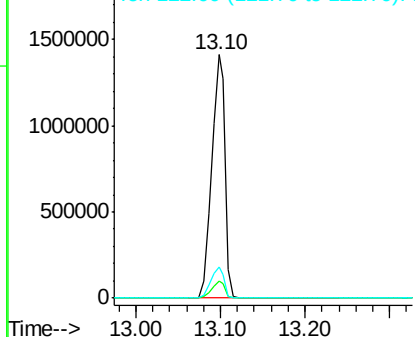


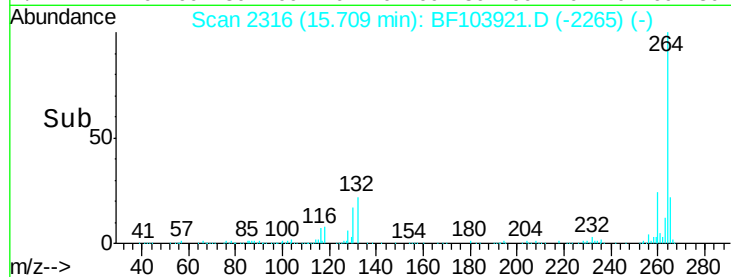
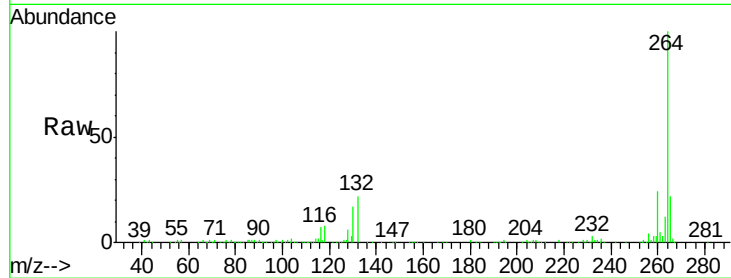
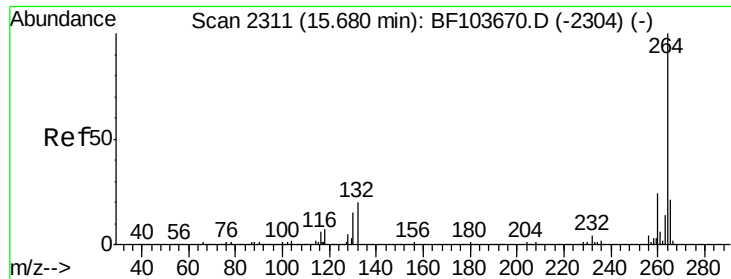
#78
Terphenyl-d14
Concen: 94.625 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103921.D
Acq: 26 Mar 2018 13:05

Tgt Ion:244 Resp: 1586527
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.8 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103921.D
 Acq: 26 Mar 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-02-031918

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3

