

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103797.D
 Acq On : 20 Mar 2018 10:48
 Operator : JU/SJ
 Sample : J1954-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031518-TIDO-F-D-S

Quant Time: Mar 20 12:05:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

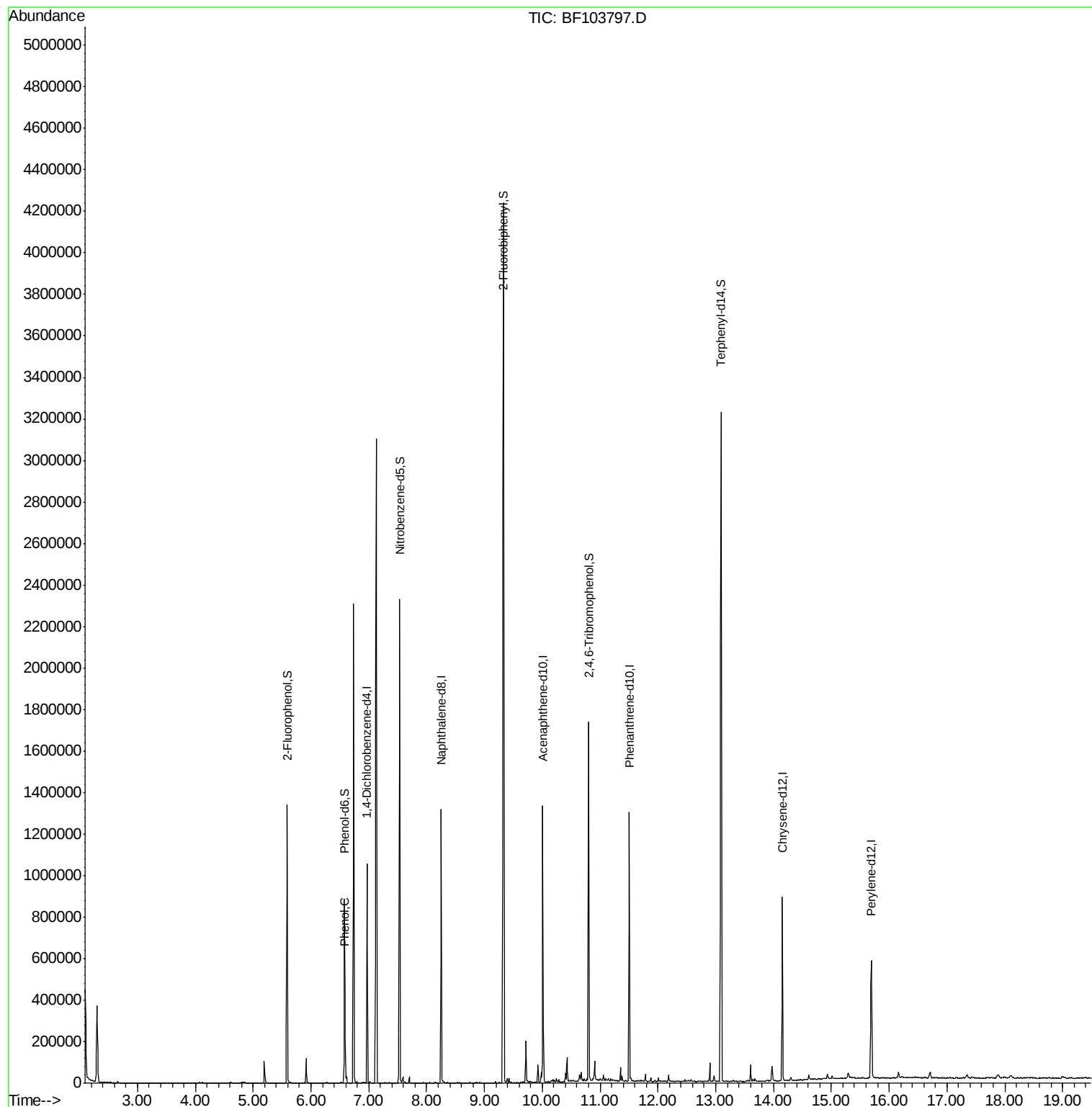
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144893	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	574018	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	261240	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	420101	20.00	ng	0.00
75) Chrysene-d12	14.15	240	288447	20.00	ng	0.00
86) Perylene-d12	15.69	264	254594	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	357344	37.51	ng	0.00
7) Phenol-d6	6.58	99	266021	22.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	866354	105.25	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221792	98.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1413799	86.33	ng	0.00
78) Terphenyl-d14	13.09	244	1174823	94.54	ng	0.00
Target Compounds						
10) Phenol	6.59	94	46705	3.771	ng	Qvalue 94

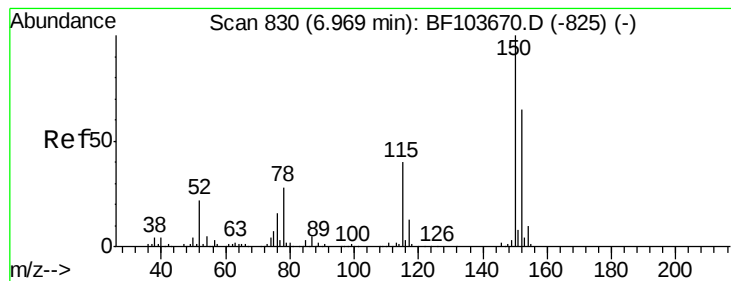
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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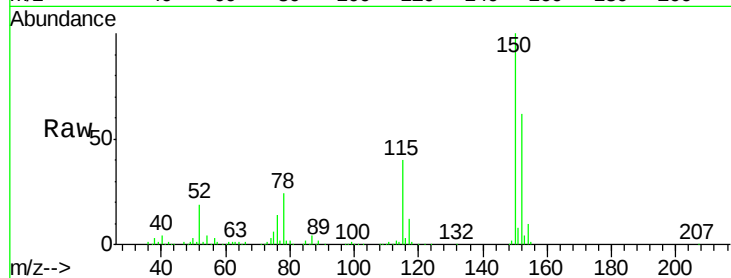


#1

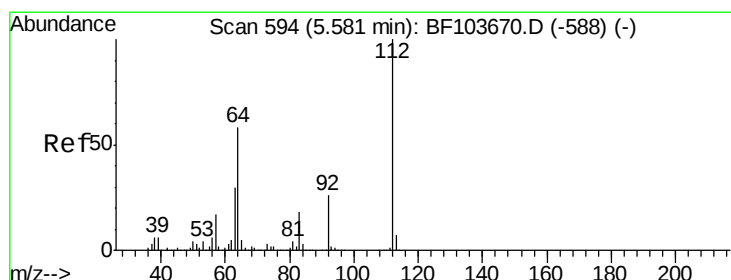
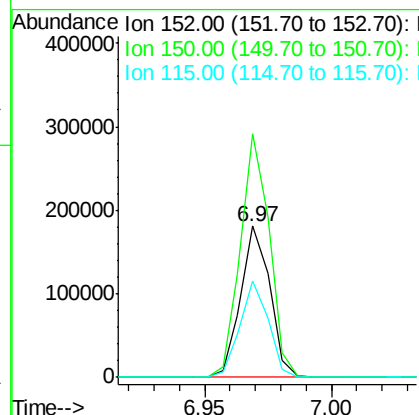
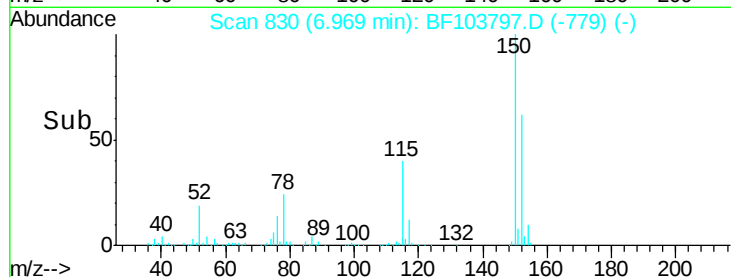
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103797.D
Acq: 20 Mar 2018 10:48

Instrument :
BNA_F
ClientSampleId :
031518-TIDO-F-D-S

Tot Ion	152	Resp	144893
Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	63.8	50.1	75.1



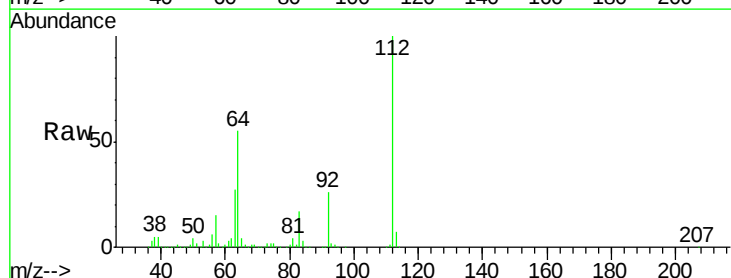
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



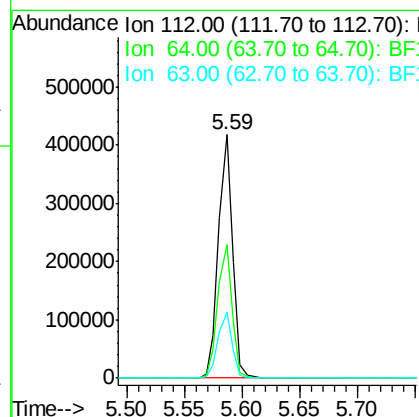
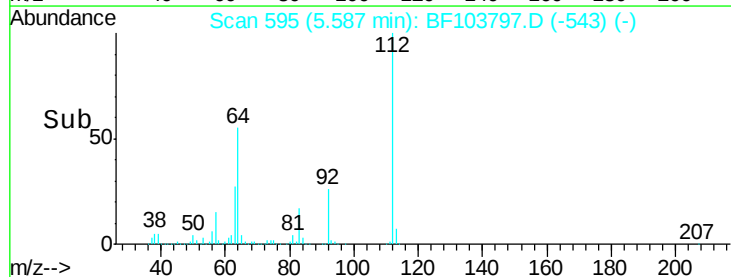
#5

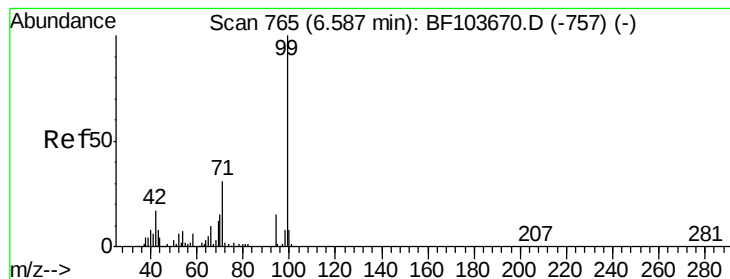
2-Fluorophenol
Concen: 37.512 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103797.D
Acq: 20 Mar 2018 10:48

Tgt Ion	112	Resp	357344
Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	26.7	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: 22.825 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-S

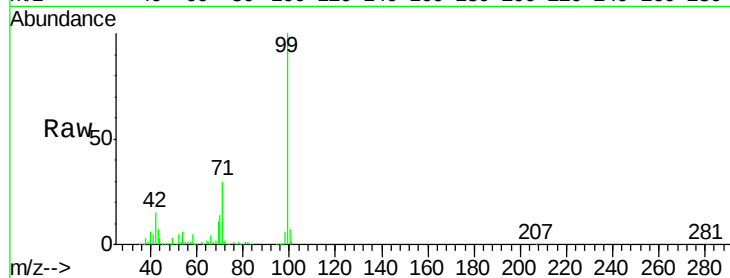
Tot Ion: 99 Resp: 266021

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

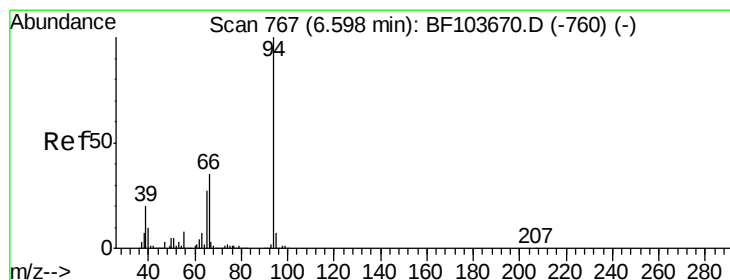
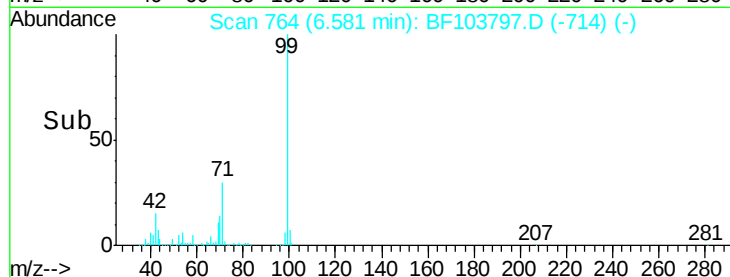
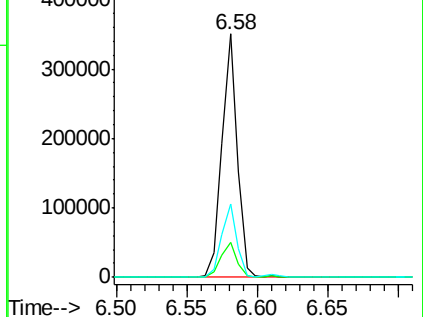
71 30.1 25.4 38.0



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: 3.771 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

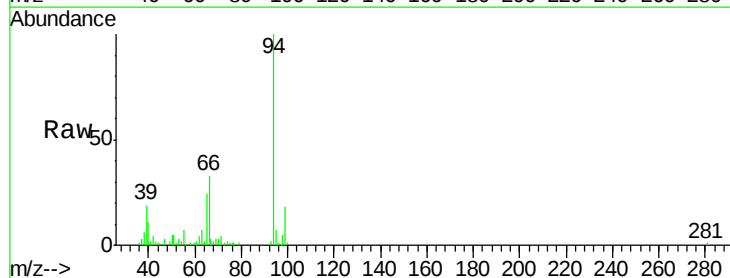
Tgt Ion: 94 Resp: 46705

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

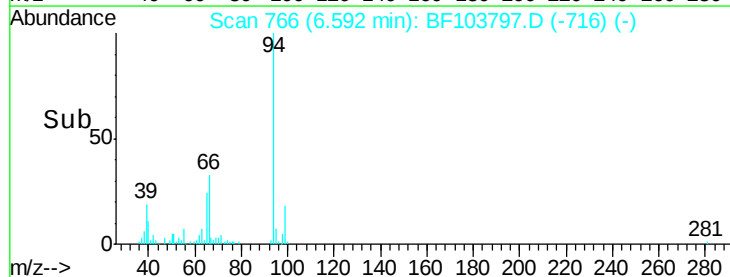
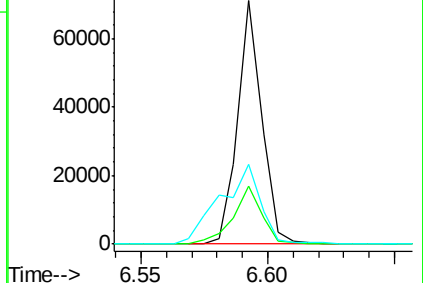
66 32.9 16.2 56.2

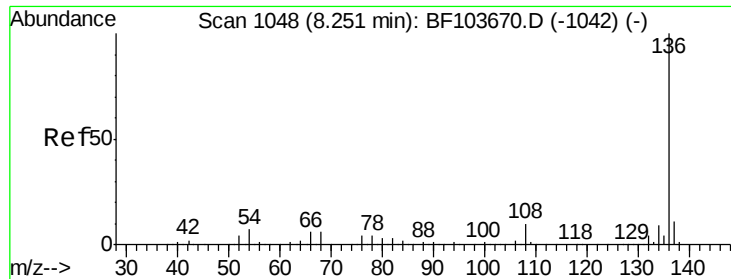


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

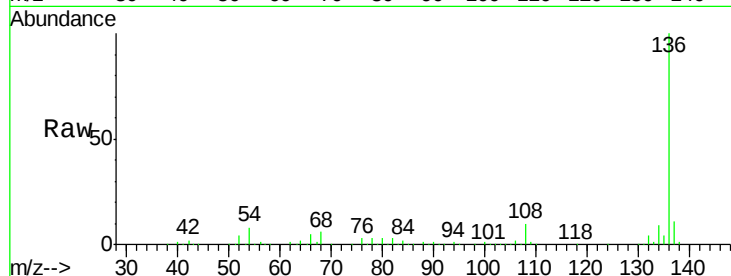




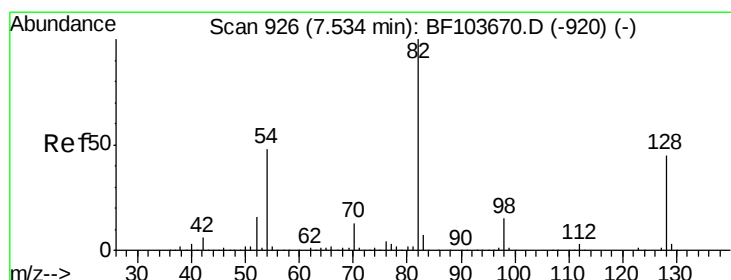
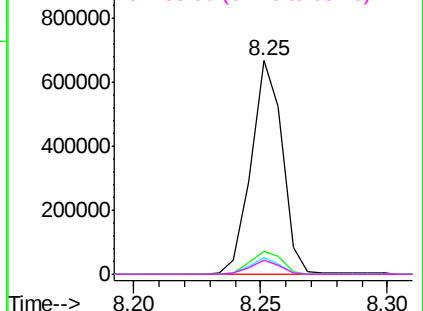
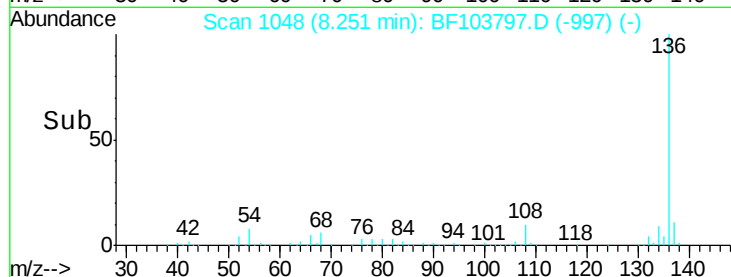
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103797.D
Acq: 20 Mar 2018 10:48

Instrument :
BNA_F
ClientSampleId :
031518-TIDO-F-D-S

Tot Ion:136	Resp:	574018
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.6	6.6 9.8
68	6.4	5.0 7.4

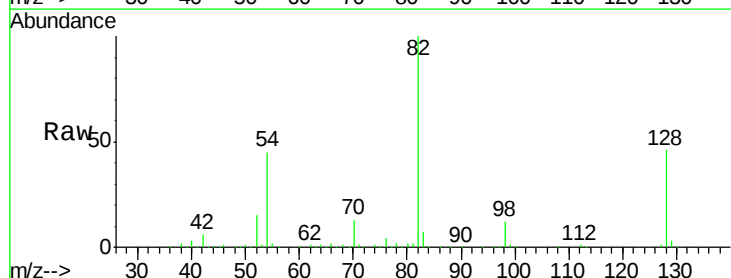


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

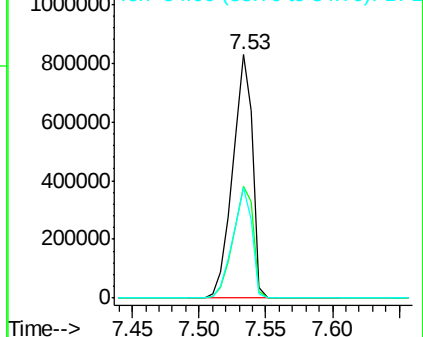
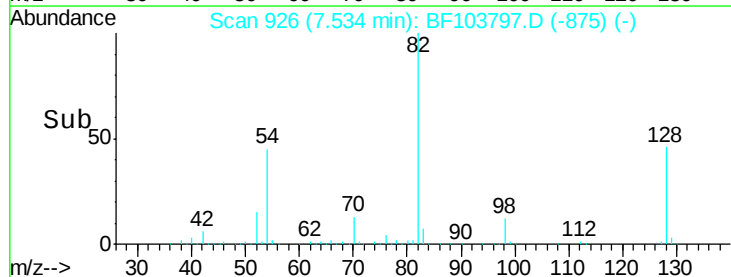


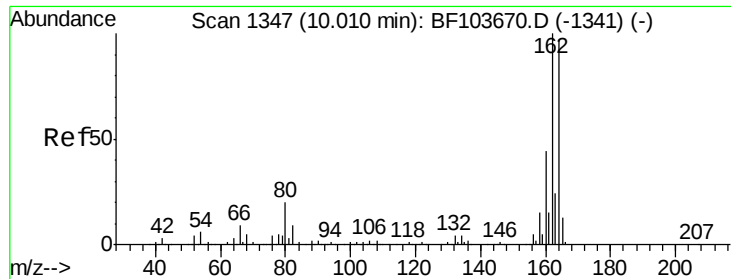
#23
Nitrobenzene-d5
Concen: 105.251 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103797.D
Acq: 20 Mar 2018 10:48

Tgt Ion: 82	Resp:	866354
Ion	Ratio	Lower Upper
82	100	
128	46.0	36.1 54.1
54	45.2	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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-S

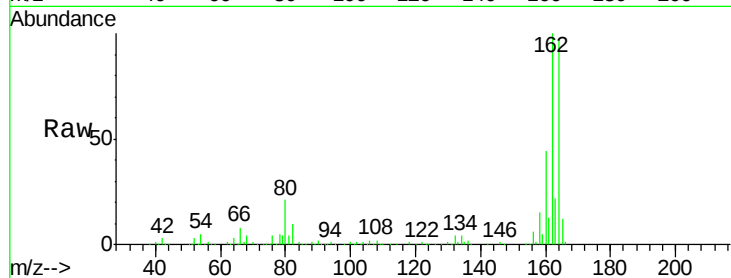
Tot Ion:164 Resp: 261240

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

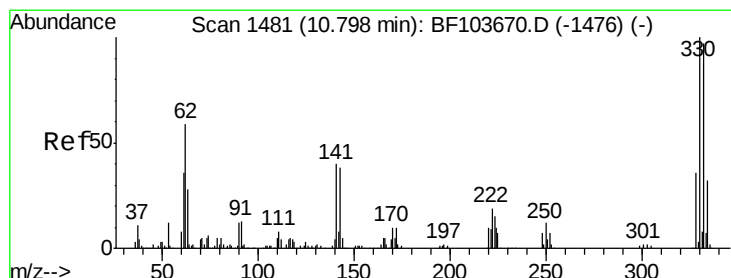
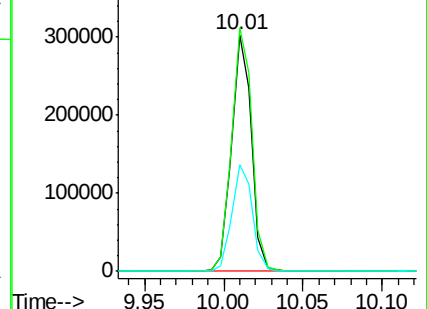
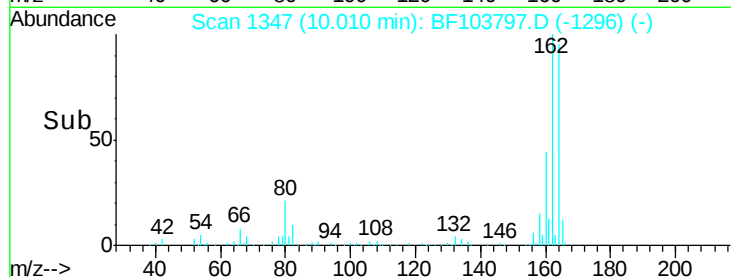
160 45.1 38.3 57.5



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: 98.743 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

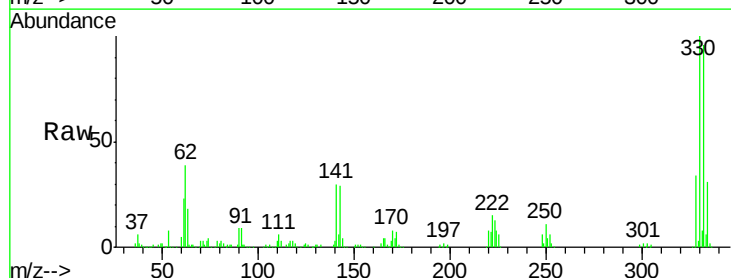
Tgt Ion:330 Resp: 221792

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

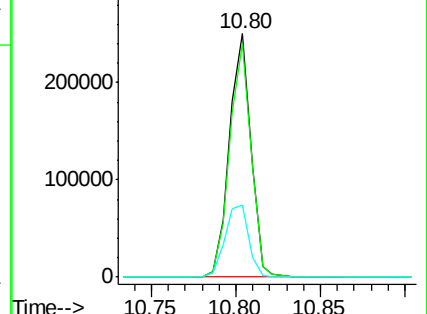
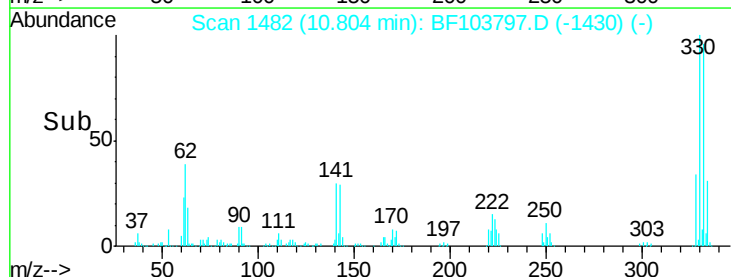
141 33.0 29.9 44.9



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



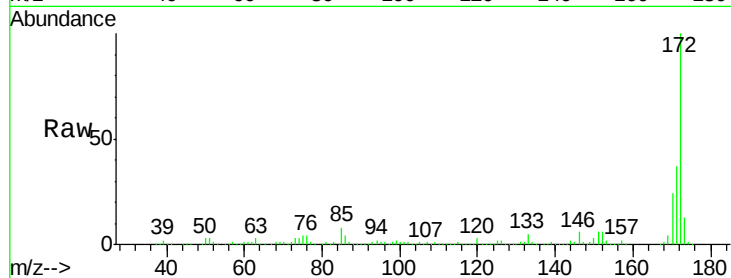


#44
 2-Fluorobiphenyl
 Concen: 86.328 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103797.D
 Acq: 20 Mar 2018 10:48

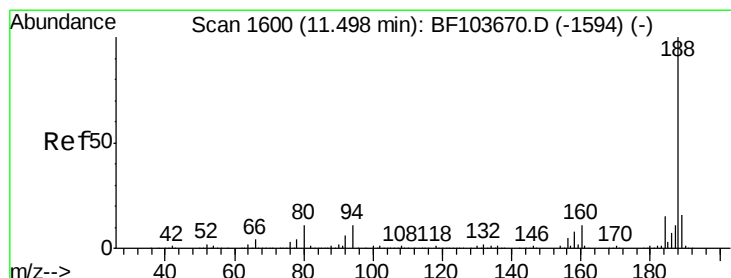
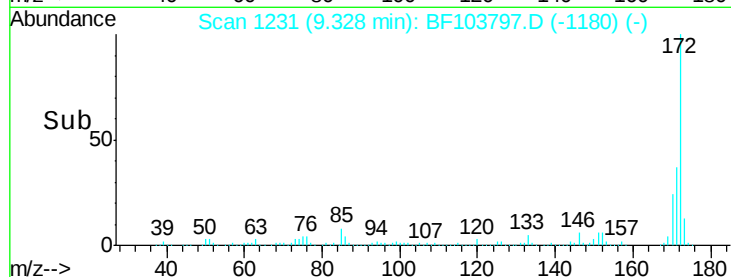
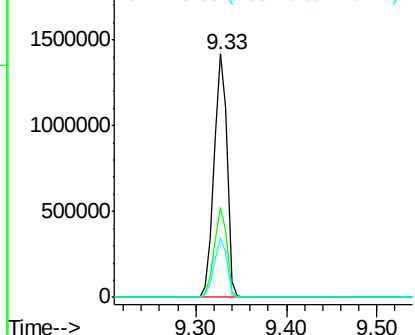
Instrument :
 BNA_F
 ClientSampleId :
 031518-TIDO-F-D-S

Tot Ion:172 Resp: 1413799

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4



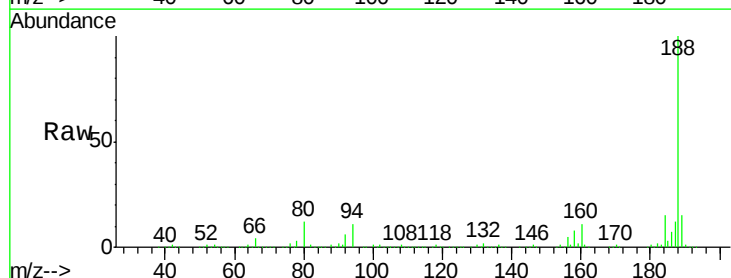
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



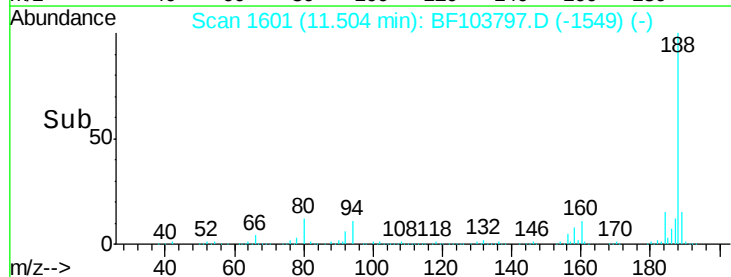
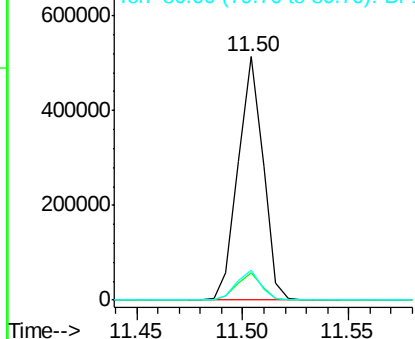
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103797.D
 Acq: 20 Mar 2018 10:48

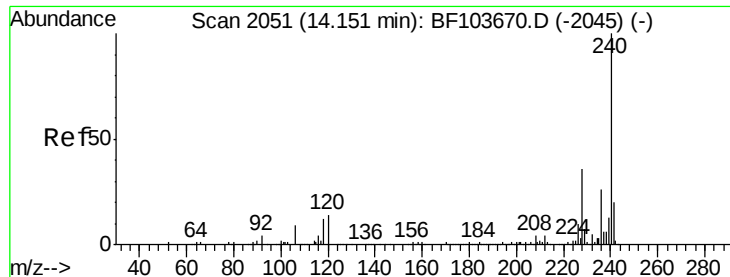
Tgt Ion:188 Resp: 420101

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	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: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-S

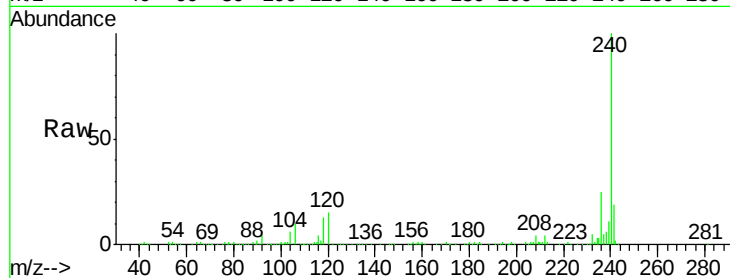
Tot Ion:240 Resp: 288447

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

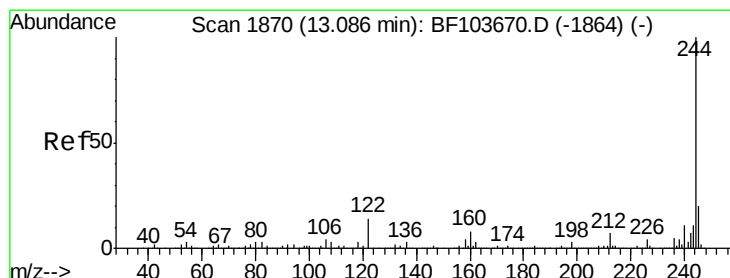
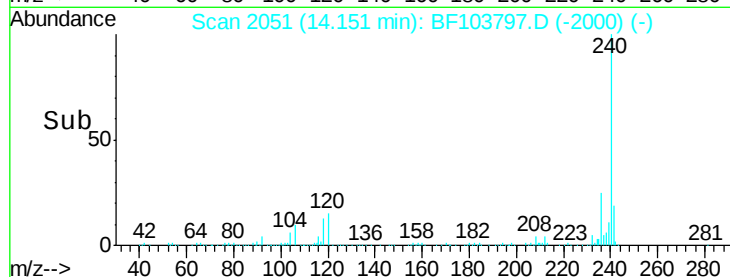
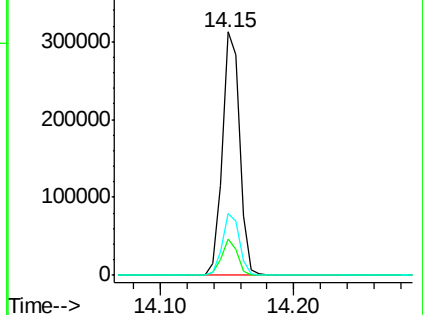
236 25.4 20.7 31.1



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: 94.539 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103797.D

Acq: 20 Mar 2018 10:48

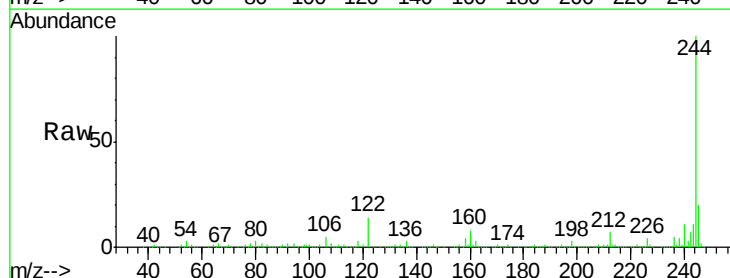
Tgt Ion:244 Resp: 1174823

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

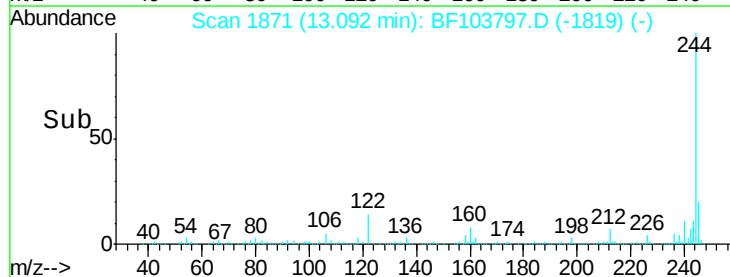
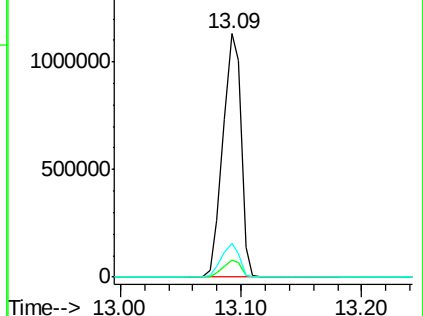
122 13.6 11.0 16.4

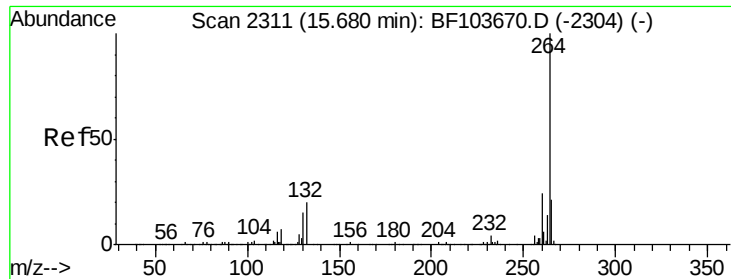


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103797.D
Acq: 20 Mar 2018 10:48

Instrument :
BNA_F
ClientSampleId :
031518-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

