

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103796.D
 Acq On : 20 Mar 2018 10:21
 Operator : JU/SJ
 Sample : J1954-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Mar 20 11:11:04 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

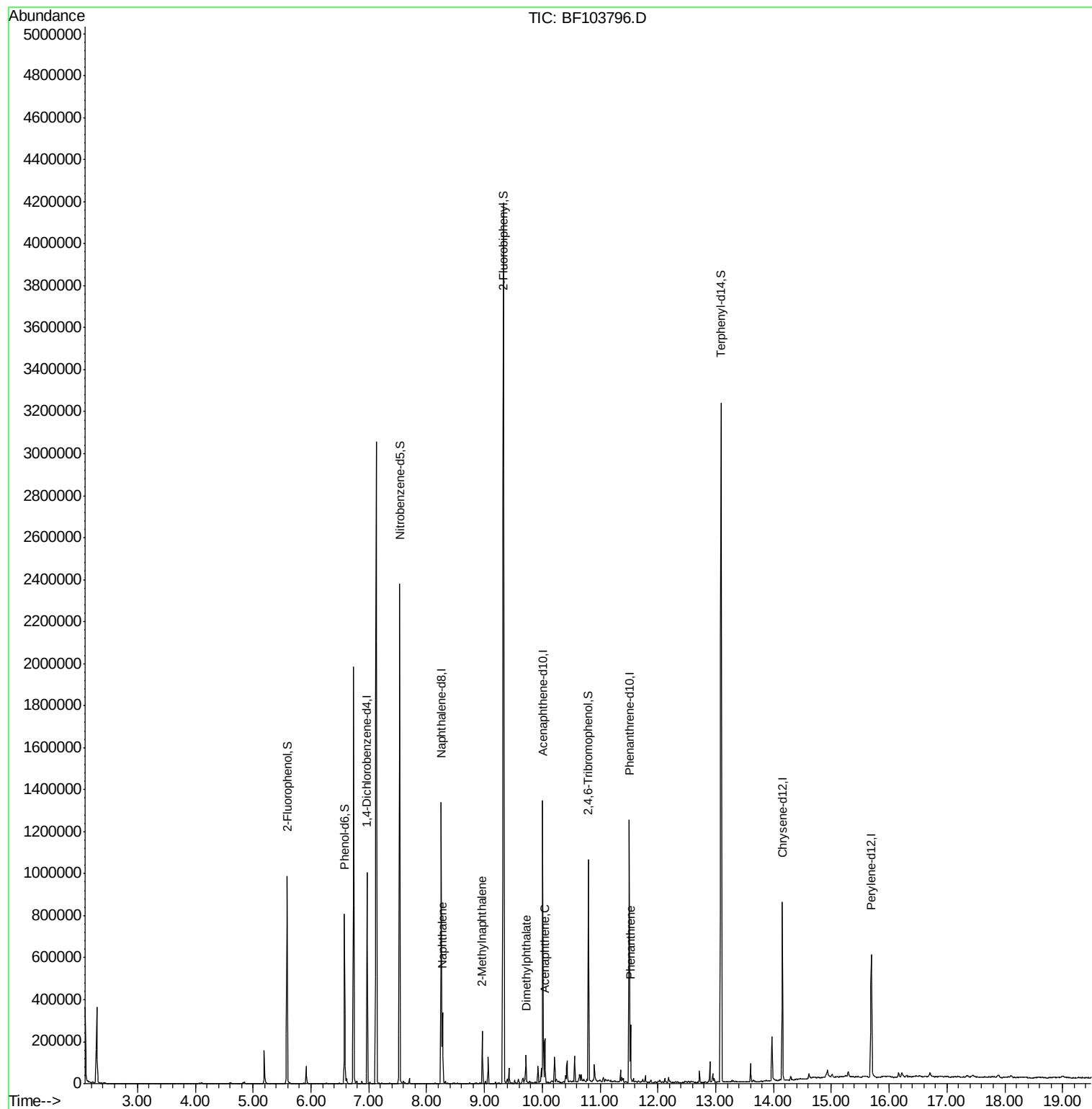
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137816	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	555698	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	246888	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	405508	20.00	ng	0.00
75) Chrysene-d12	14.16	240	293587	20.00	ng	0.00
86) Perylene-d12	15.69	264	263654	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	271735	29.99	ng	0.00
7) Phenol-d6	6.58	99	242467	21.87	ng	0.00
23) Nitrobenzene-d5	7.53	82	831097	104.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	119930	56.50	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1367668	88.37	ng	0.00
78) Terphenyl-d14	13.09	244	1186746	93.83	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.27	128	133802	4.767	ng	99
37) 2-Methylnaphthalene	8.96	142	58622	3.293	ng	98
49) Dimethylphthalate	9.72	163	44547	2.365	ng	98
51) Acenaphthene	10.05	154	45002	2.989	ng	98
70) Phenanthrene	11.53	178	89645	4.041	ng	97

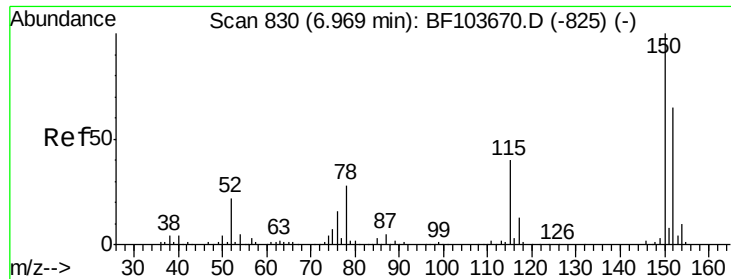
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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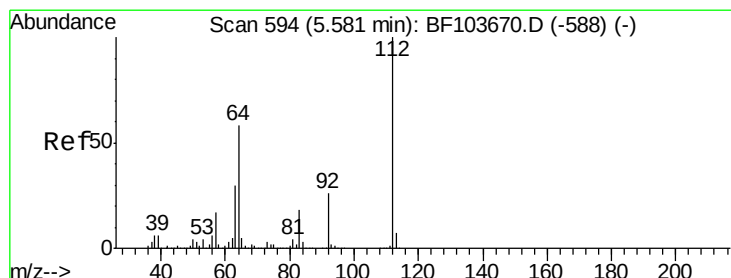
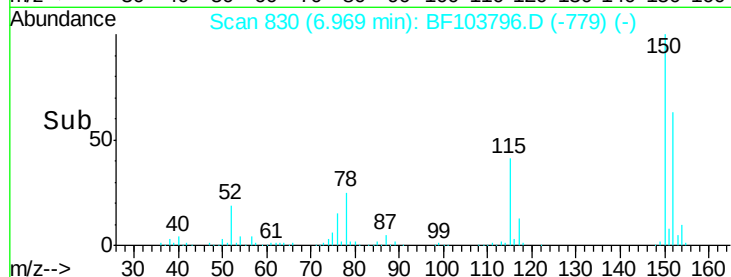
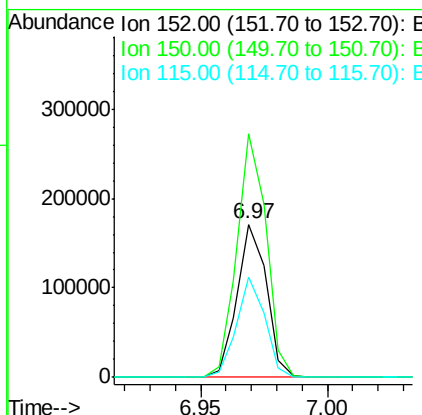
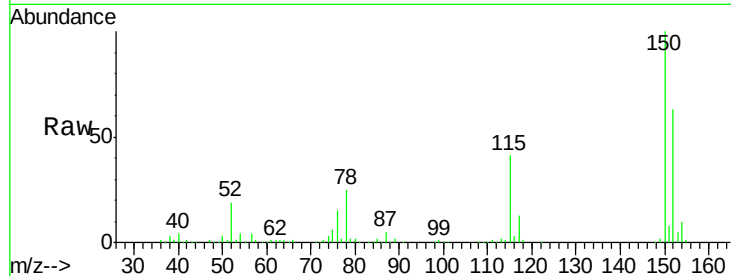


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

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 BNA_F
 ClientSampleId :
 031518-TIDO-F-D-B

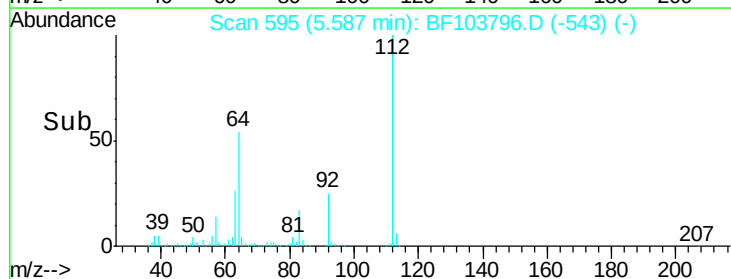
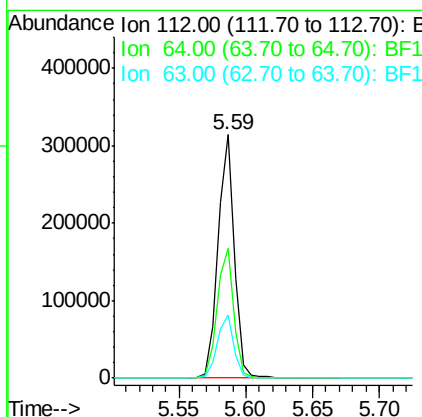
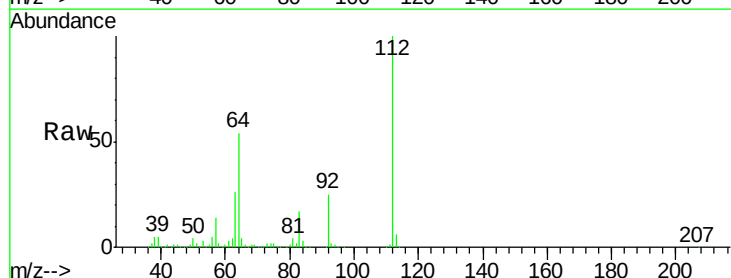
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	65.4	50.1	75.1

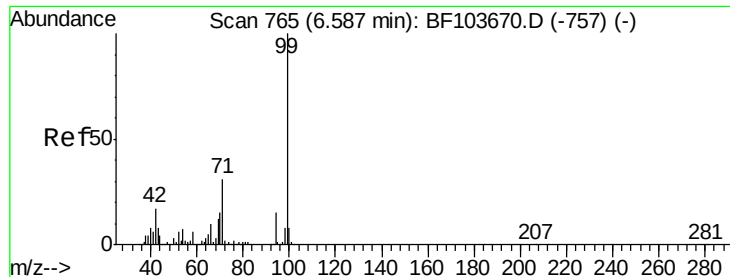


#5

2-Fluorophenol
 Concen: 29.990 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	25.8	23.7	35.5





#7

Phenol-d6

Concen: 21.873 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-B

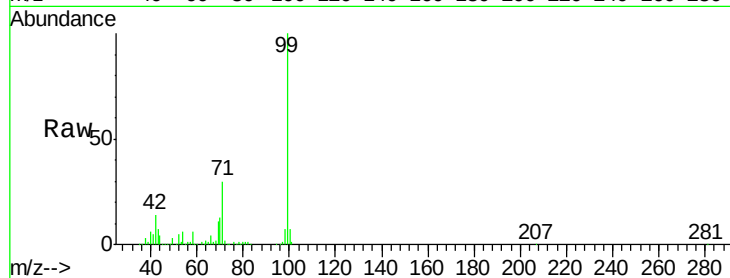
Tot Ion: 99 Resp: 242467

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

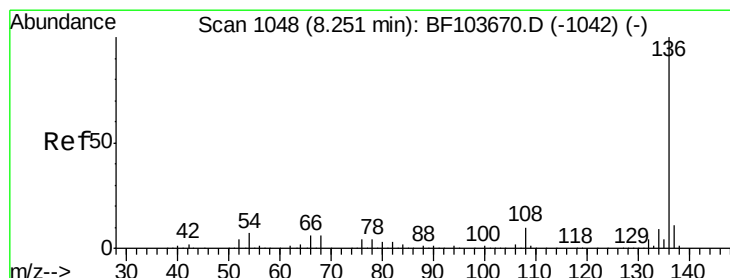
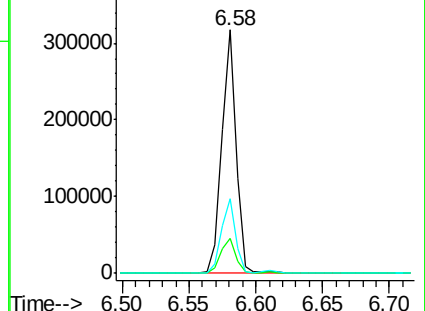
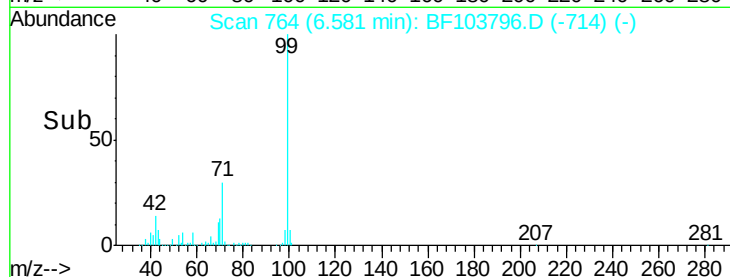
71 30.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

Tgt Ion: 136 Resp: 555698

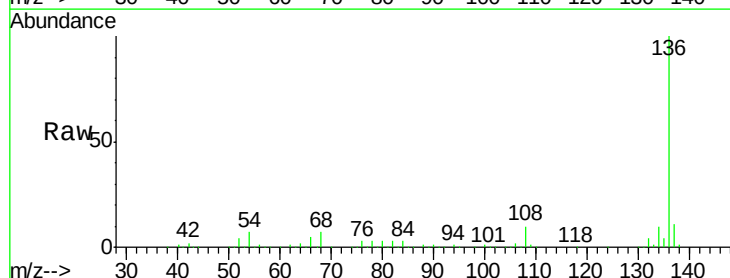
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.3 6.6 9.8

68 6.6 5.0 7.4

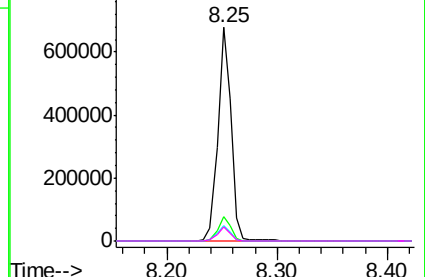
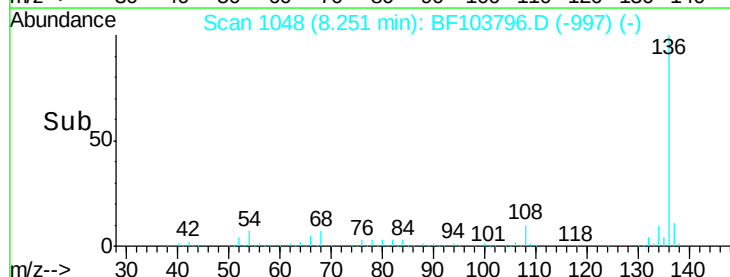


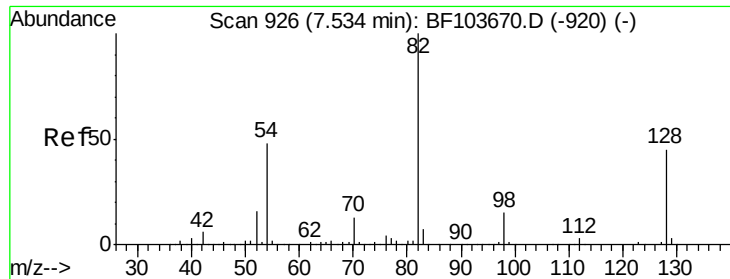
Abundance Ion 136.00 (135.70 to 136.70): E

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

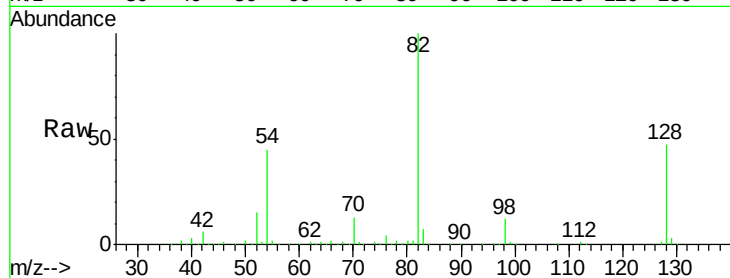




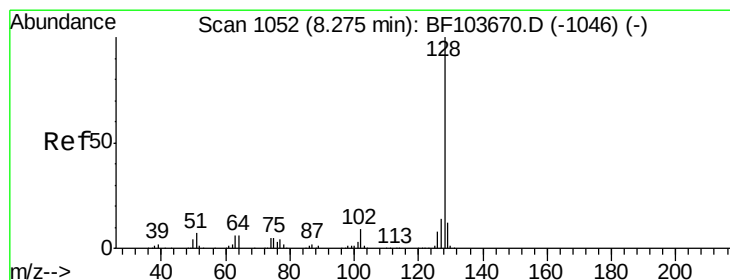
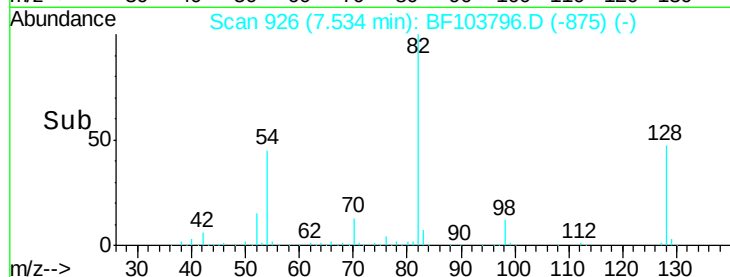
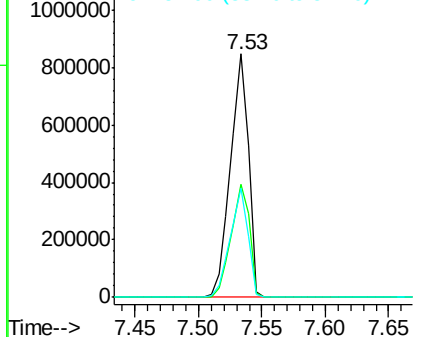
#23
 Nitrobenzene-d5
 Concen: 104.296 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

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Tot Ion	82	Resp	831097
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	44.9	41.4	62.2

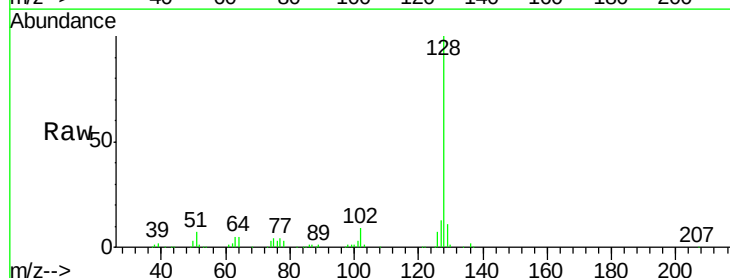


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

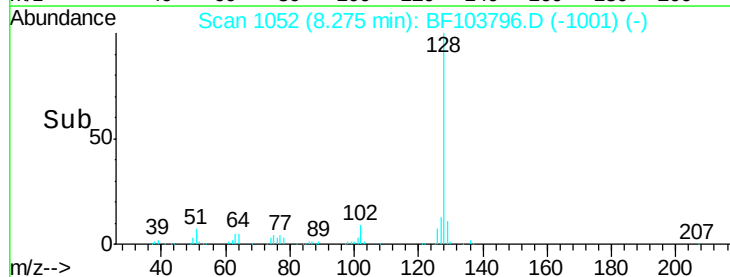
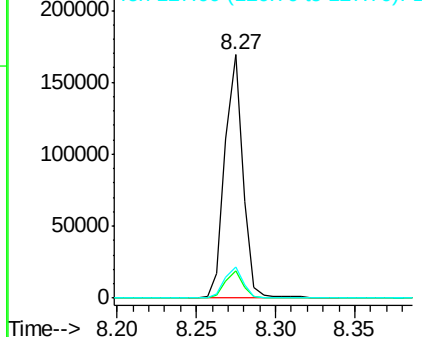


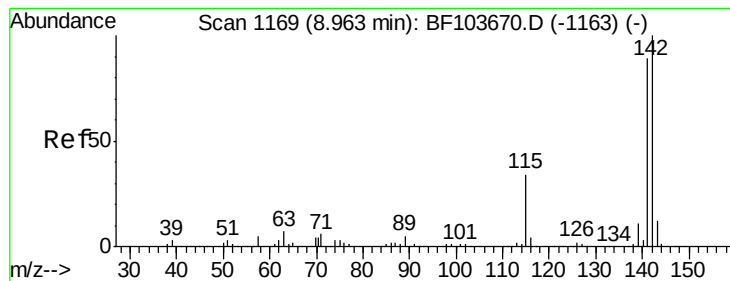
#31
 Naphthalene
 Concen: 4.767 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

Tgt Ion	128	Resp	133802
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	12.9	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 3.293 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-B

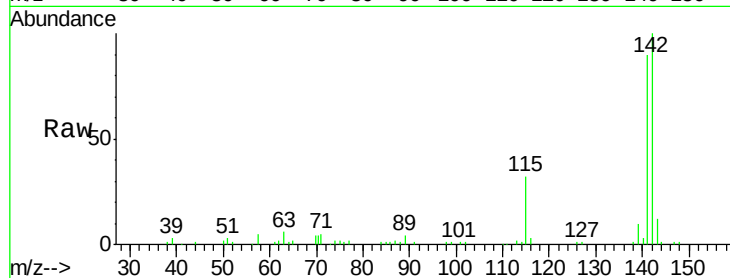
Tot Ion:142 Resp: 58622

Ion Ratio Lower Upper

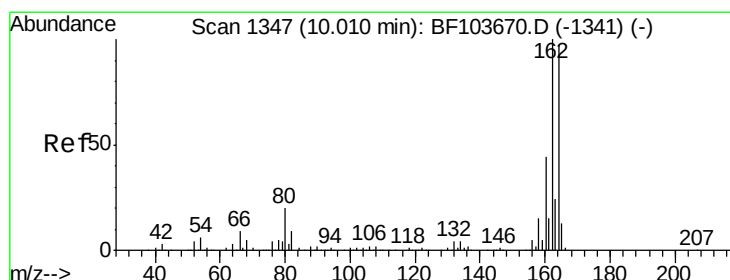
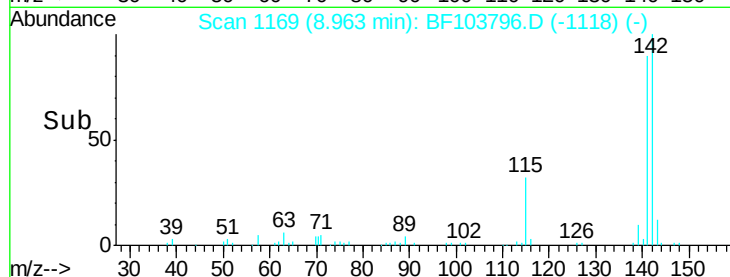
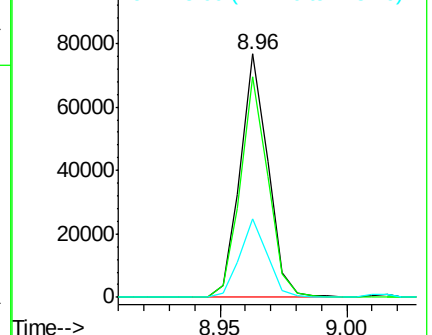
142 100

141 90.4 70.8 106.2

115 32.0 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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

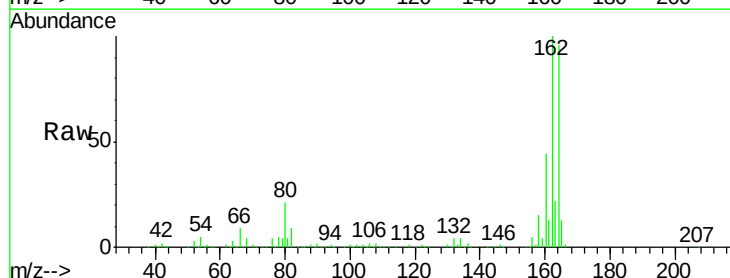
Tgt Ion:164 Resp: 246888

Ion Ratio Lower Upper

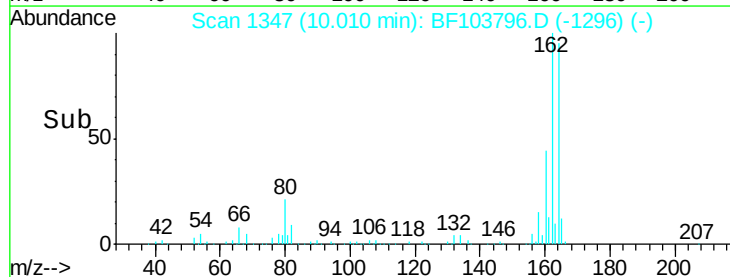
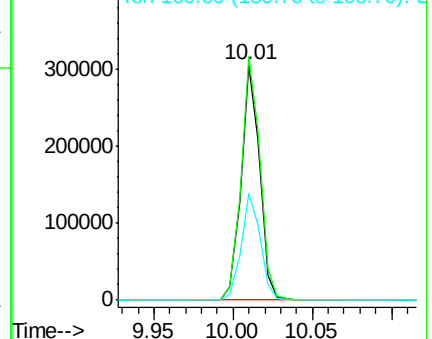
164 100

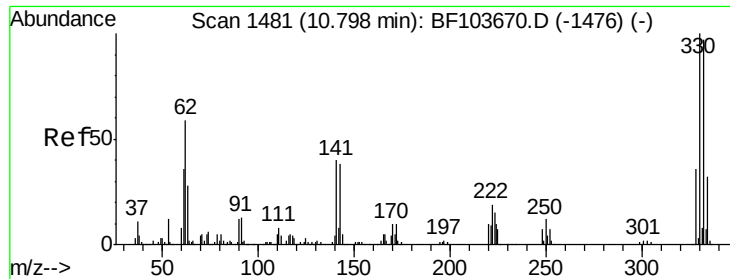
162 103.6 86.1 129.1

160 45.2 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

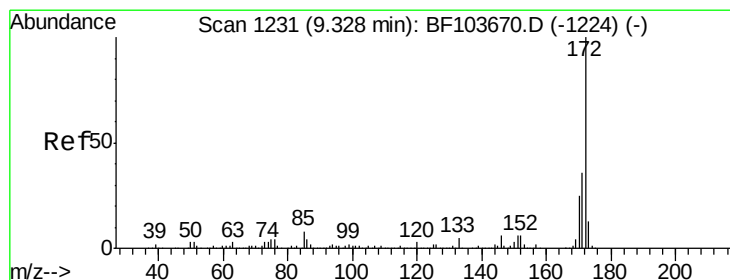
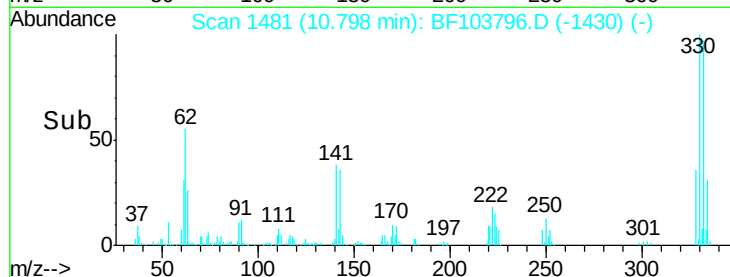
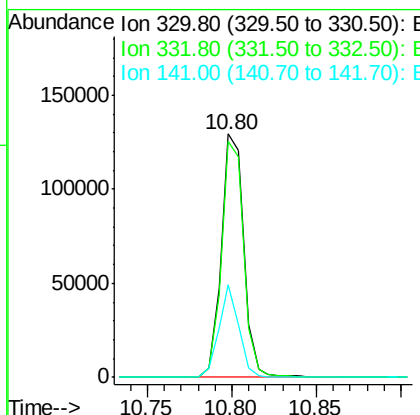
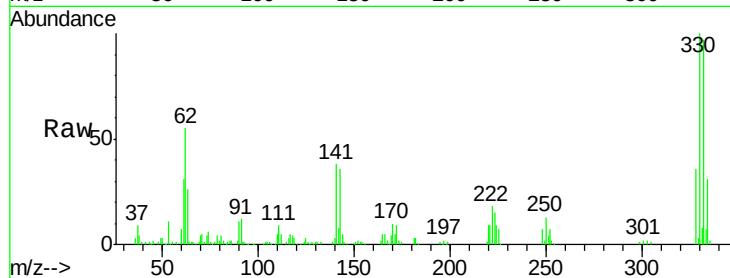




#41
 2,4,6-Tribromophenol
 Concen: 56.497 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

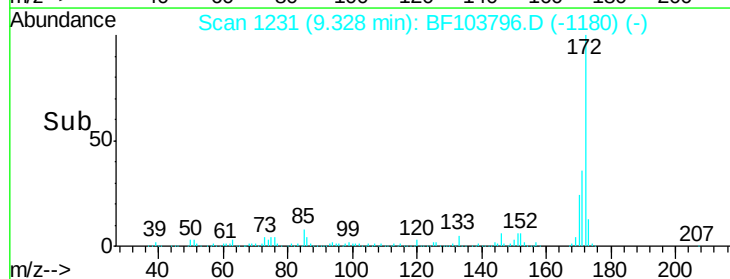
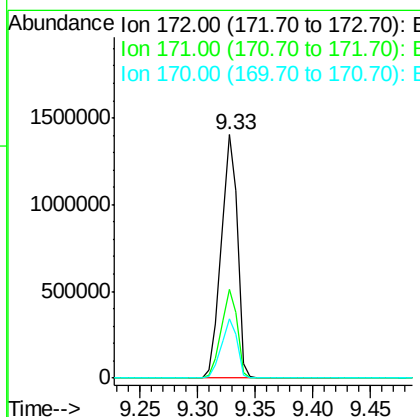
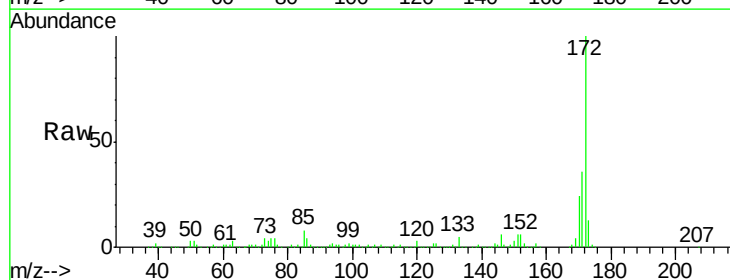
Instrument :
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 031518-TIDO-F-D-B

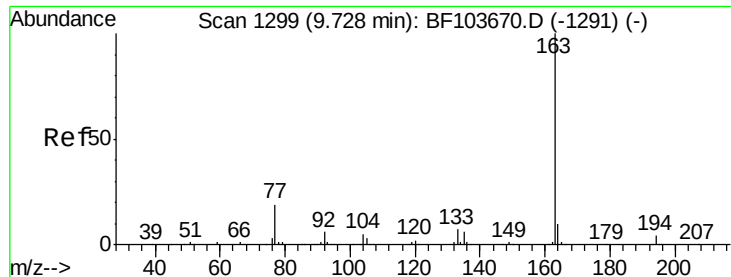
Tot Ion	330	Resp	119930
Ion Ratio	100	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.365 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103796.D
 Acq: 20 Mar 2018 10:21

Tgt Ion	172	Resp	1367668
Ion Ratio	100	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

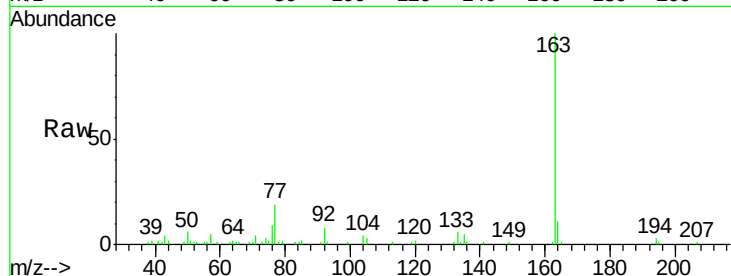




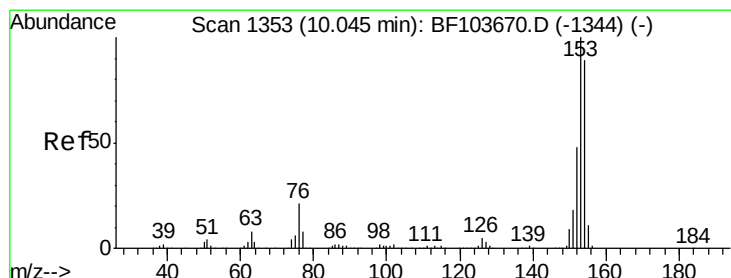
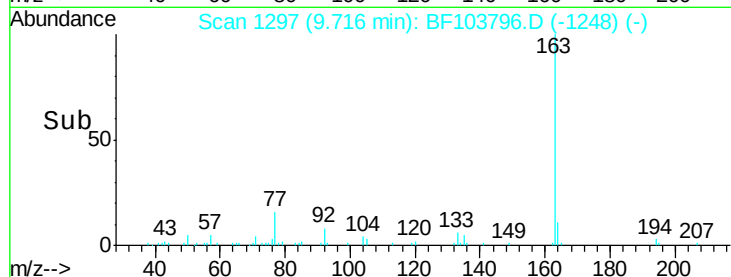
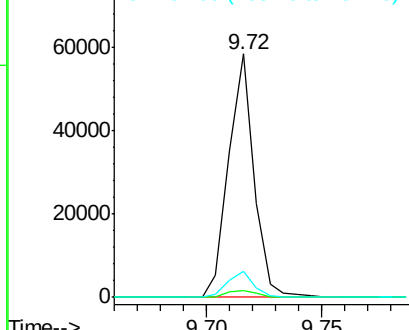
#49
Dimethylphthalate
Concen: 2.365 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

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

Tot Ion:163 Resp: 44547
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.8 8.2 12.2

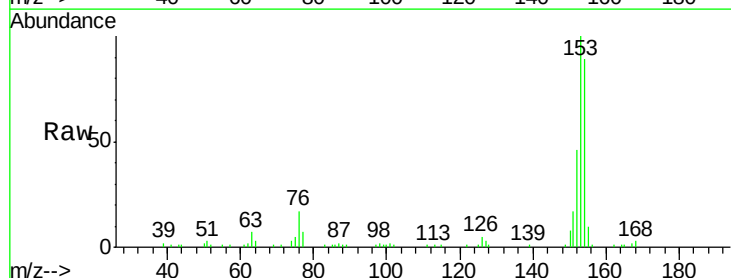


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

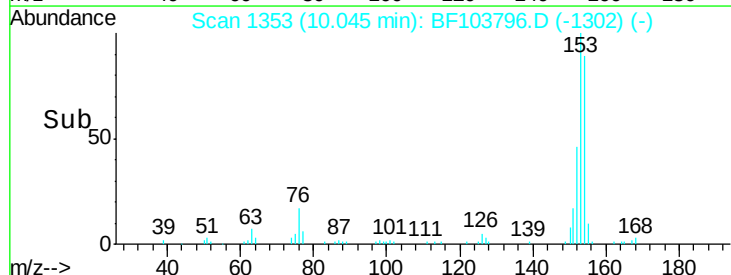
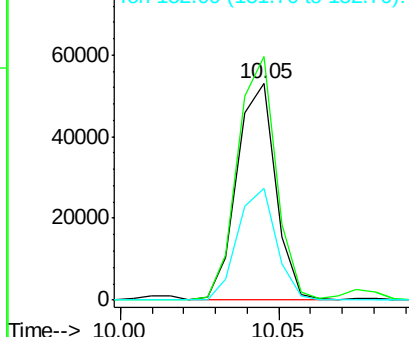


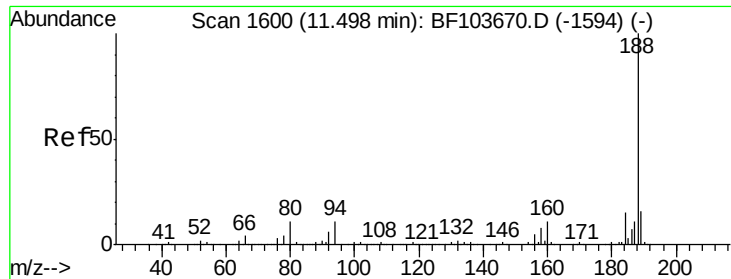
#51
Acenaphthene
Concen: 2.989 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:154 Resp: 45002
Ion Ratio Lower Upper
154 100
153 112.7 91.2 136.8
152 51.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

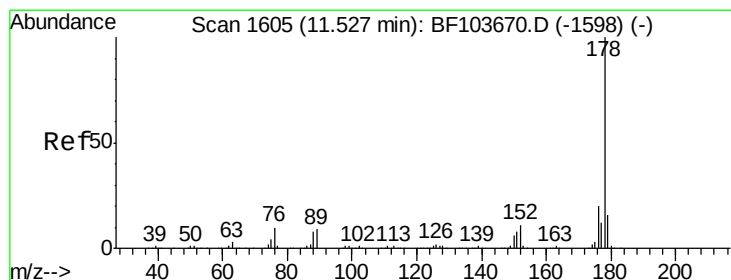
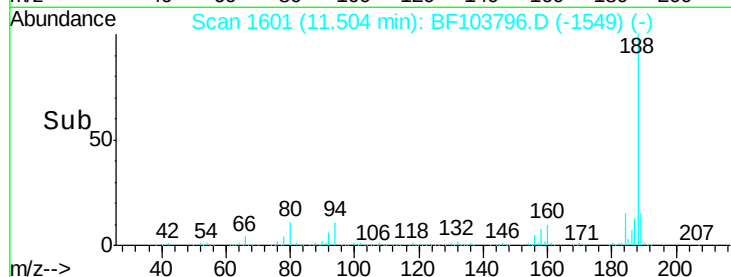
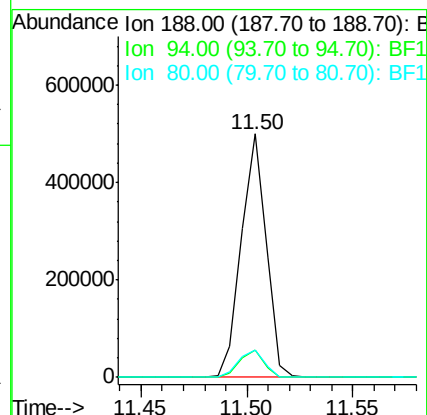
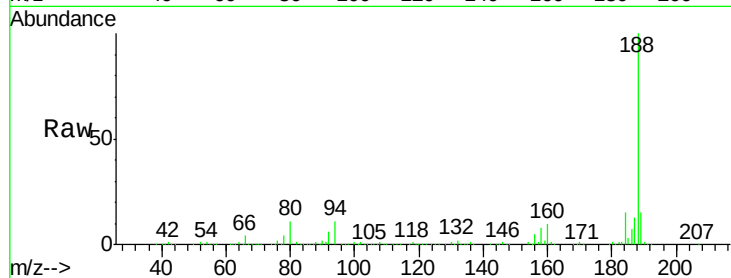




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

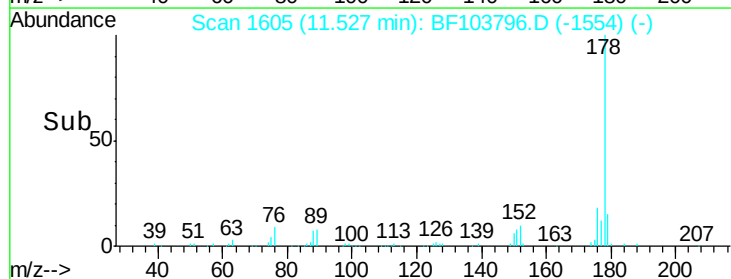
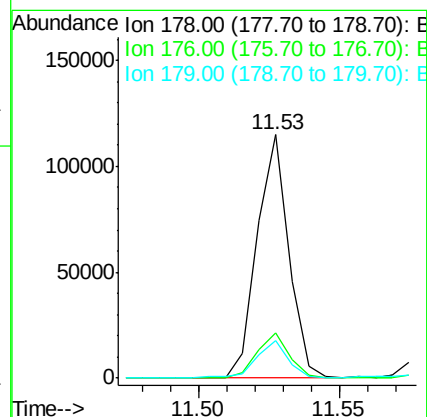
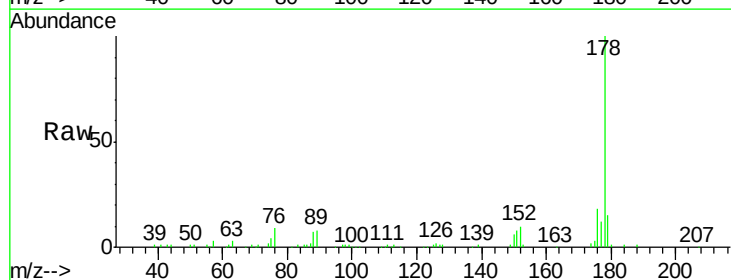
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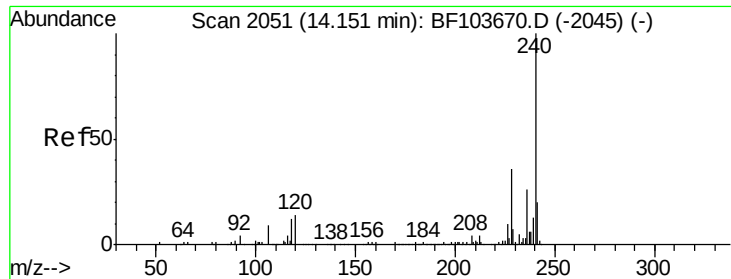
Tot Ion:188 Resp: 405508
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.2 9.2 13.8



#70
Phenanthrene
Concen: 4.041 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:178 Resp: 89645
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 15.4 13.0 19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-D-B

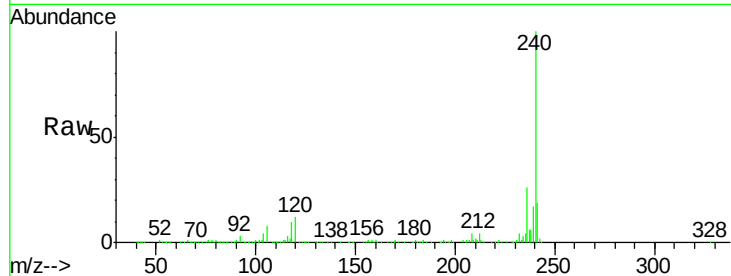
Tot Ion:240 Resp: 293587

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

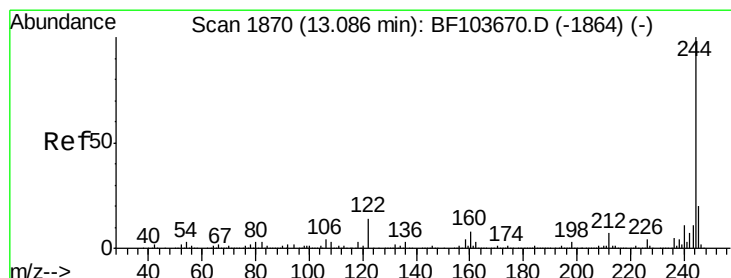
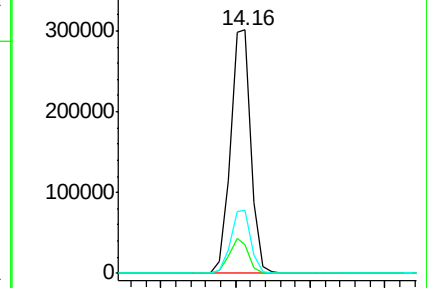
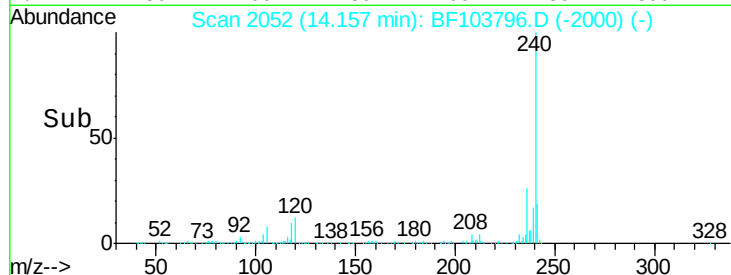
236 26.0 20.7 31.1



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: 93.826 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103796.D

Acq: 20 Mar 2018 10:21

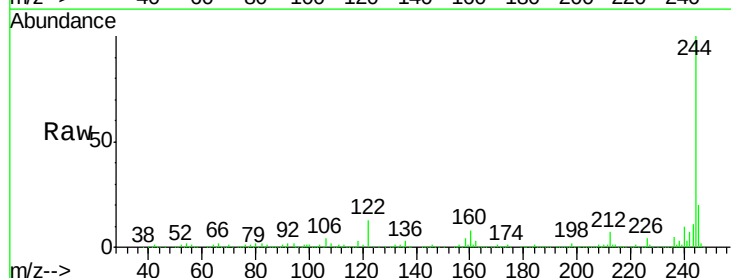
Tgt Ion:244 Resp: 1186746

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

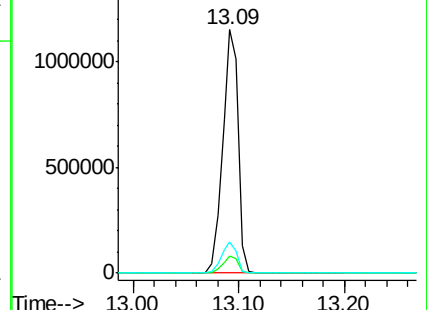
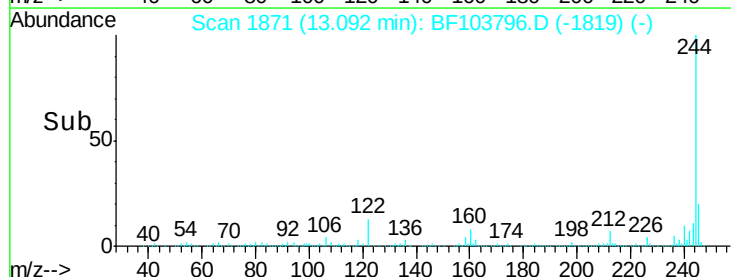
122 13.0 11.0 16.4

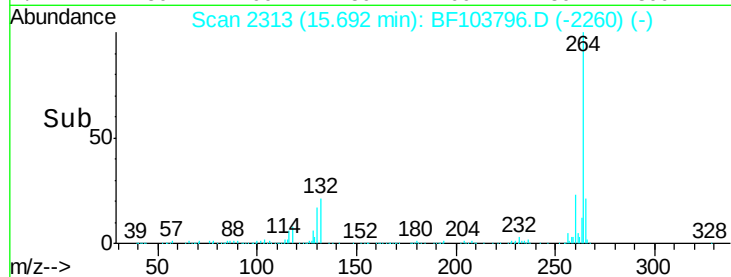
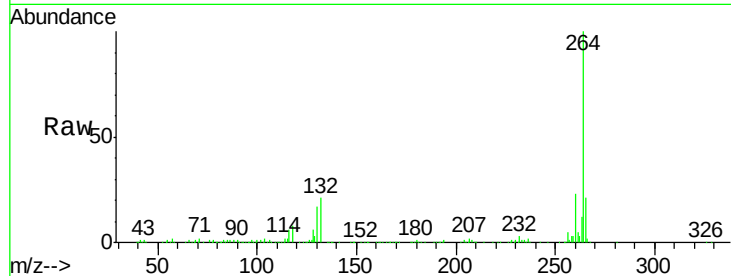
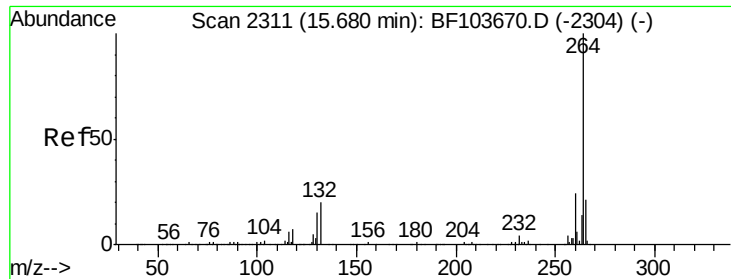


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF103796.D
 Acq: 20 Mar 2018 10:21

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

Tot Ion:	264	Resp:	263654
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3

