

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103782.D
 Acq On : 20 Mar 2018 3:12
 Operator : JU/SJ
 Sample : J1954-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 20 05:05:55 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

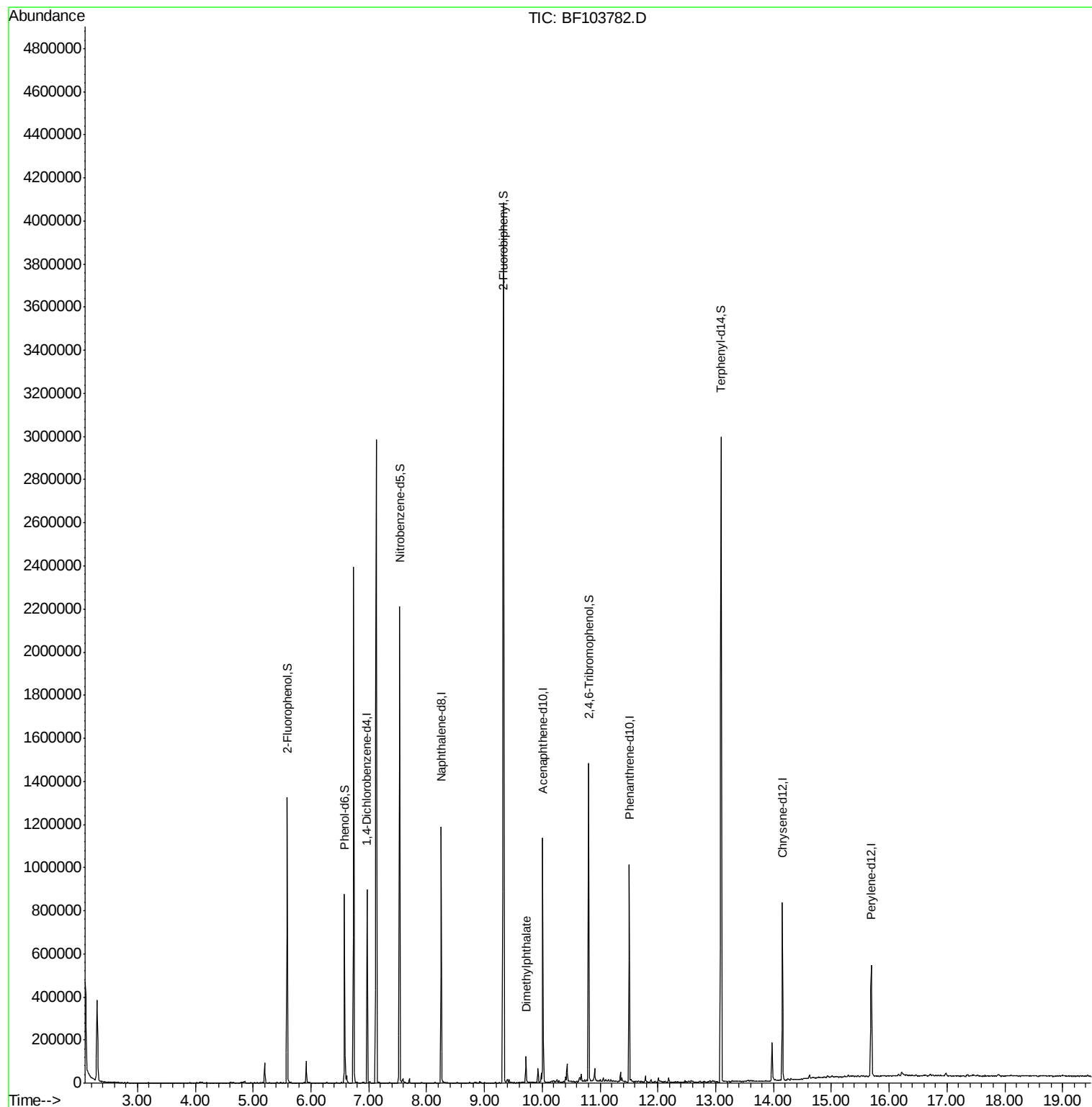
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131932	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	511723	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	211785	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	331047	20.00	ng	0.00
75) Chrysene-d12	14.16	240	270673	20.00	ng	0.00
86) Perylene-d12	15.69	264	233432	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	364106	41.98	ng	0.00
7) Phenol-d6	6.58	99	269422	25.39	ng	0.00
23) Nitrobenzene-d5	7.53	82	827405	112.76	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	182878	100.43	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1315679	99.10	ng	0.00
78) Terphenyl-d14	13.09	244	1070314	91.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	40250	2.491	ng	99

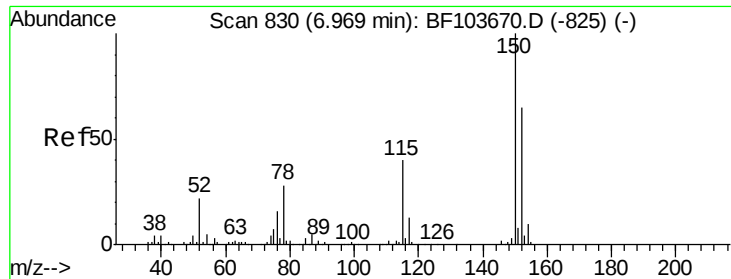
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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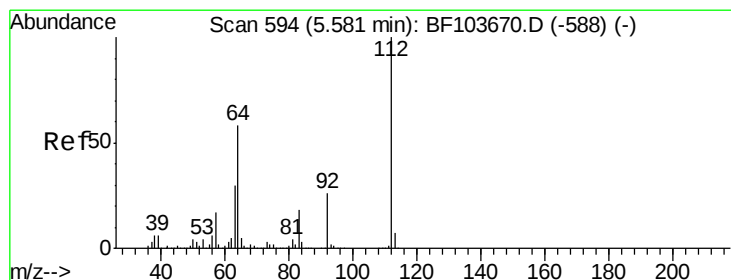
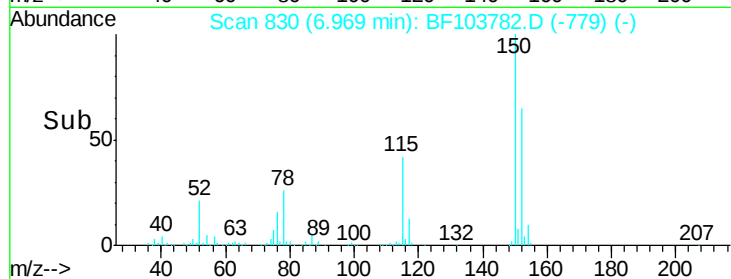
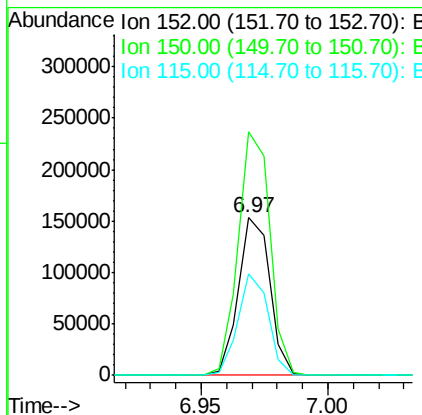
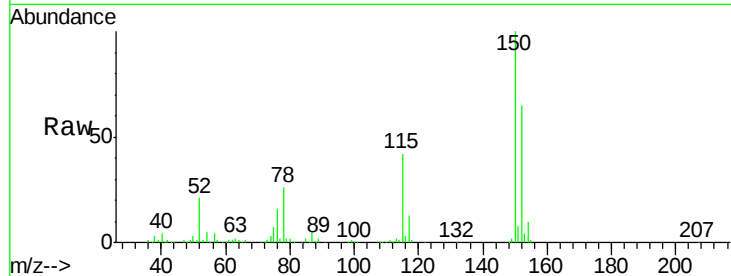


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103782.D
Acq: 20 Mar 2018 3:12

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

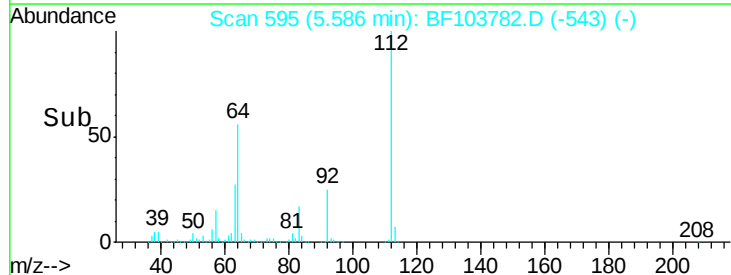
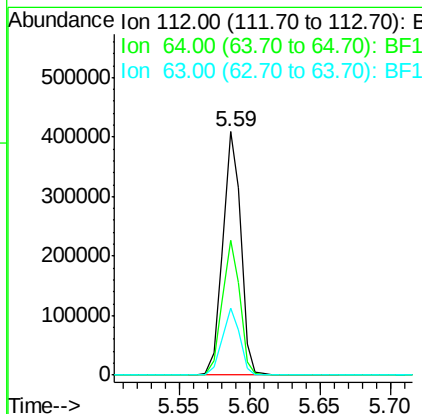
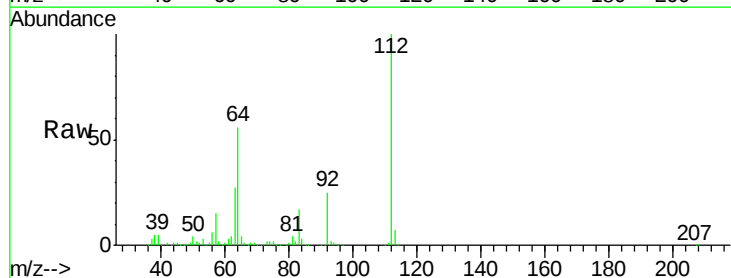
Tot Ion	152	Resp	131932
Ion Ratio	Lower	Upper	
152	100		
150	154.7	124.6	186.8
115	64.4	50.1	75.1

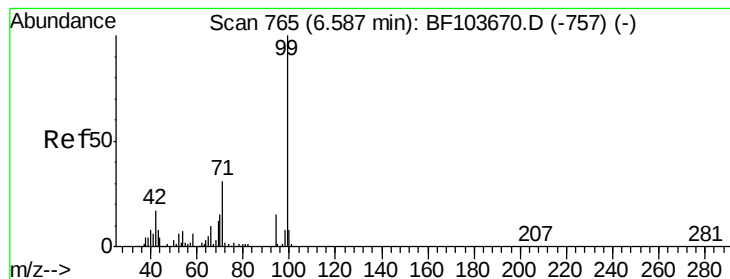


#5

2-Fluorophenol
Concen: 41.976 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103782.D
Acq: 20 Mar 2018 3:12

Tgt Ion	112	Resp	364106
Ion Ratio	Lower	Upper	
112	100		
64	55.5	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 25.388 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103782.D

Acq: 20 Mar 2018 3:12

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-U-B

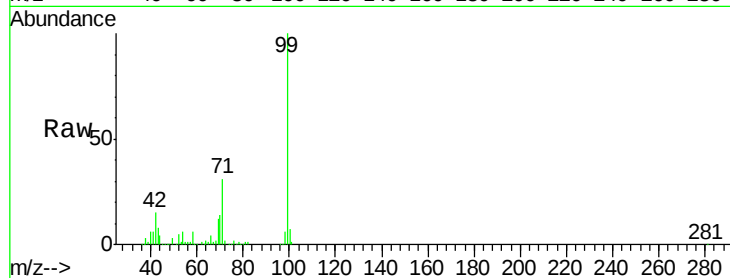
Tot Ion: 99 Resp: 269422

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

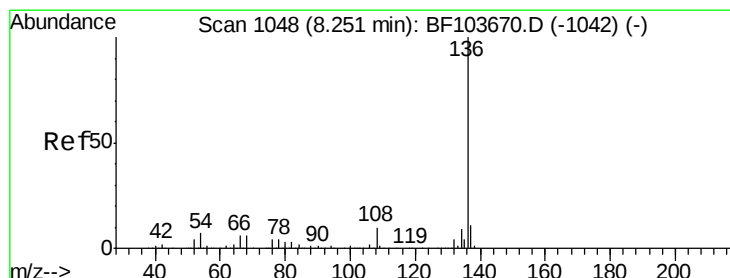
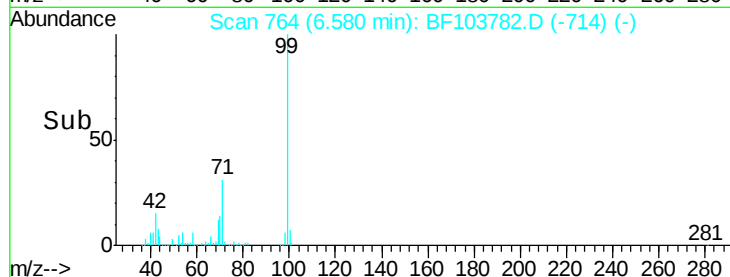
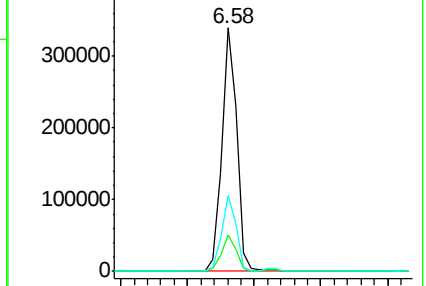
71 31.3 25.4 38.0



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: BF103782.D

Acq: 20 Mar 2018 3:12

Tgt Ion: 136 Resp: 511723

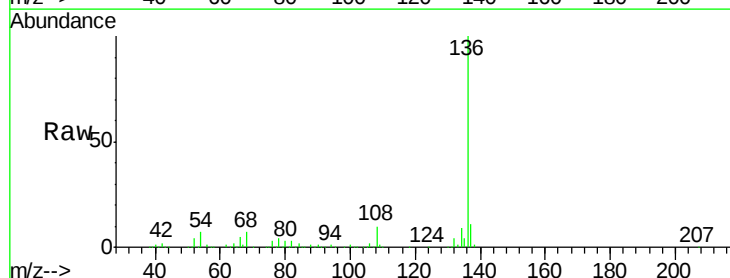
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.3 6.6 9.8

68 6.6 5.0 7.4

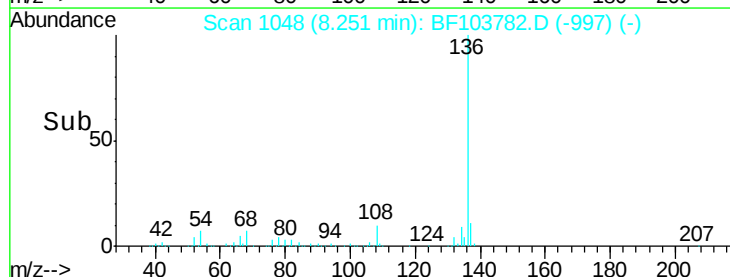
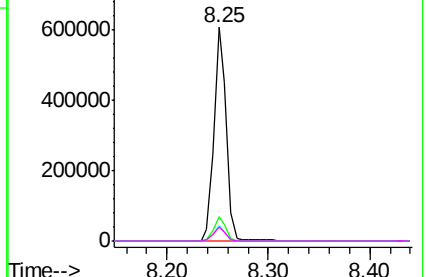


Abundance Ion 136.00 (135.70 to 136.70): E

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

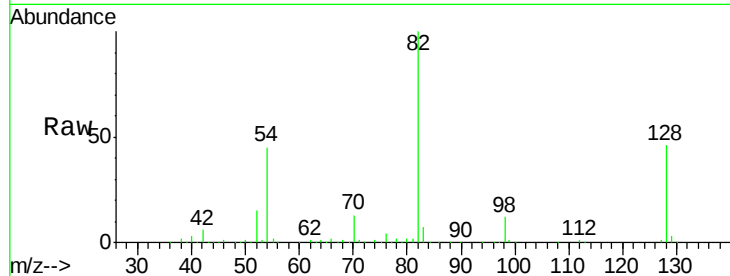




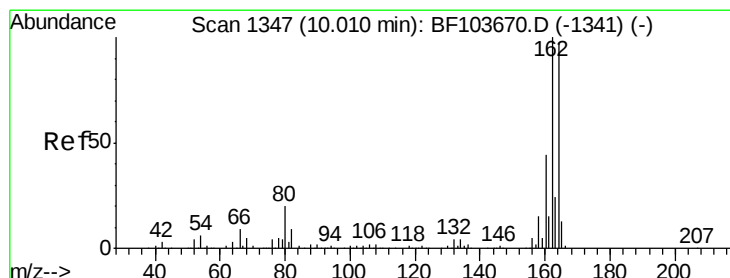
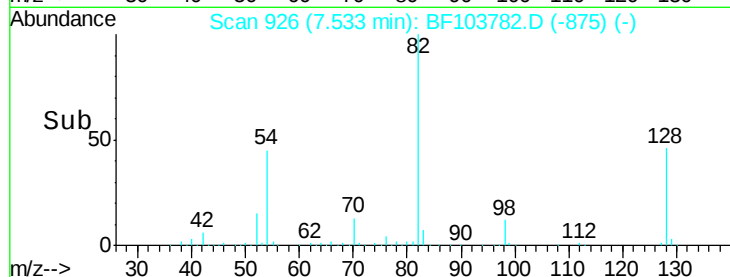
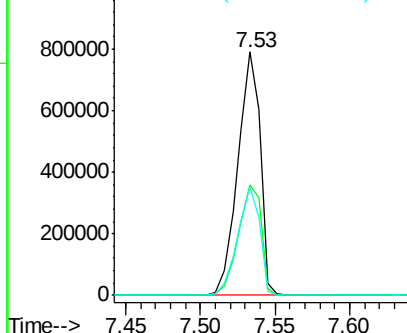
#23
Nitrobenzene-d5
Concen: 112.756 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103782.D
Acq: 20 Mar 2018 3:12

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

Tot Ion: 82 Resp: 827405
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 44.6 41.4 62.2

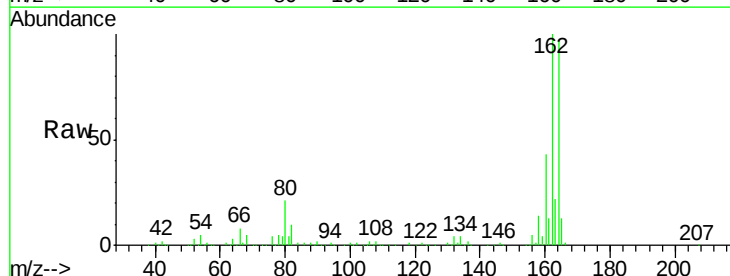


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

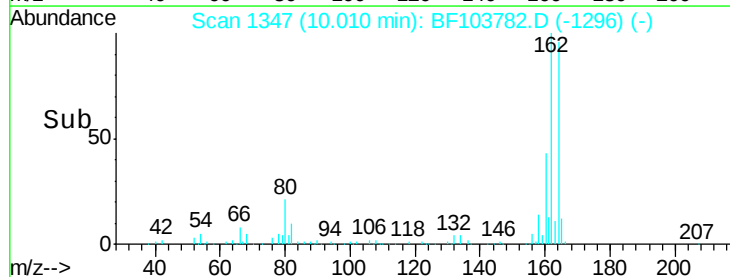
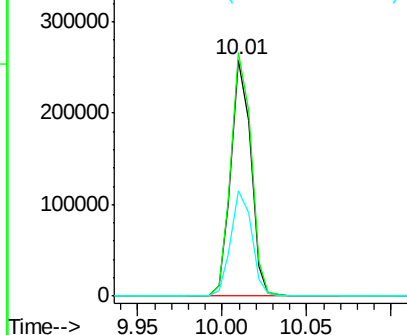


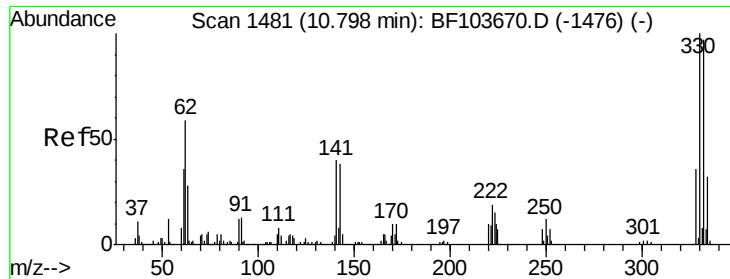
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103782.D
Acq: 20 Mar 2018 3:12

Tgt Ion:164 Resp: 211785
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

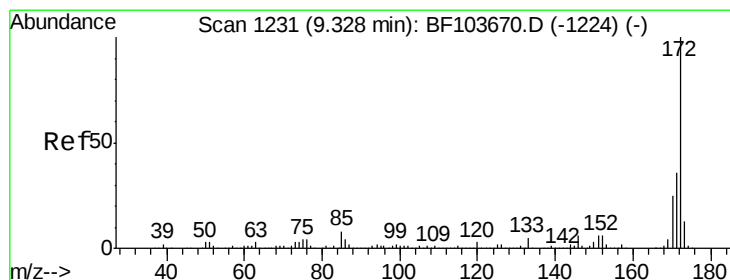
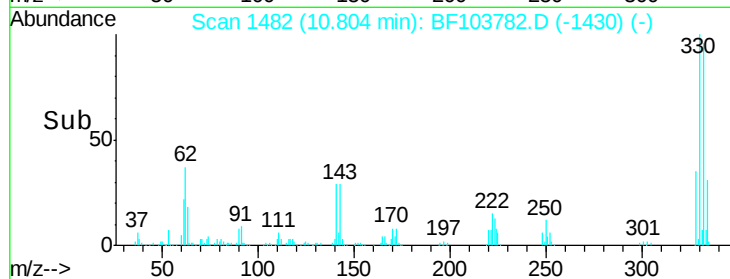
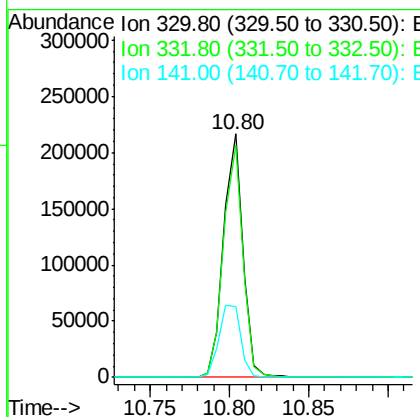
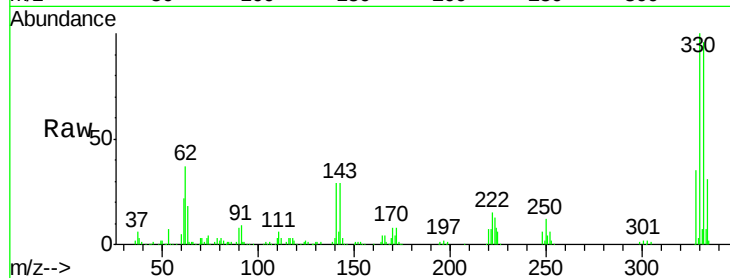




#41
 2,4,6-Tribromophenol
 Concen: 100.431 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103782.D
 Acq: 20 Mar 2018 3:12

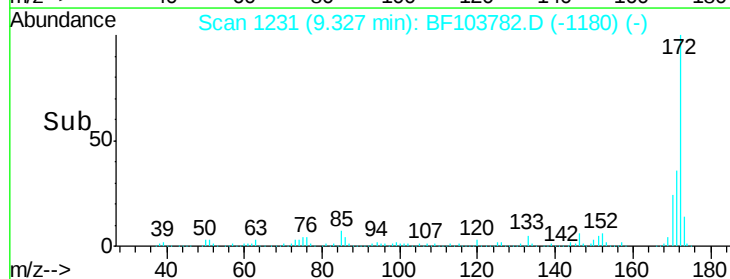
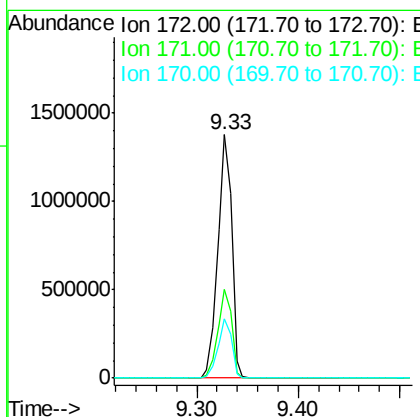
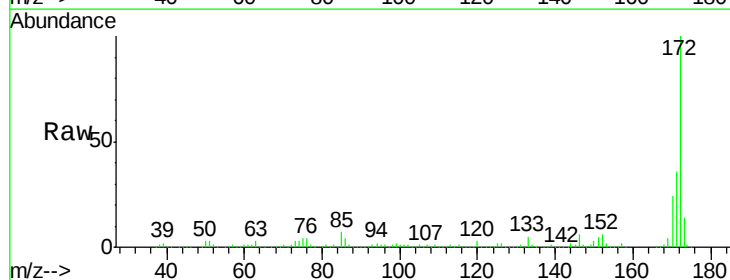
Instrument :
 BNA_F
 ClientSampleId :
 031518-TIDO-F-U-B

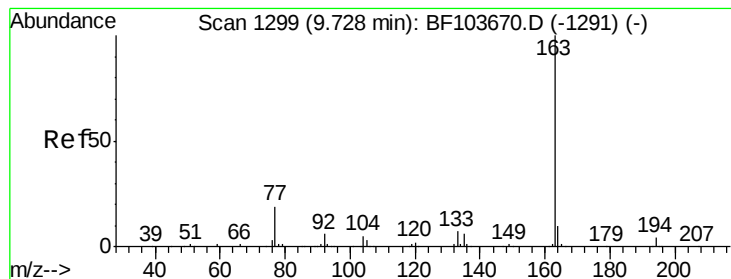
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.096 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103782.D
 Acq: 20 Mar 2018 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.491 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103782.D

Acq: 20 Mar 2018 3:12

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-U-B

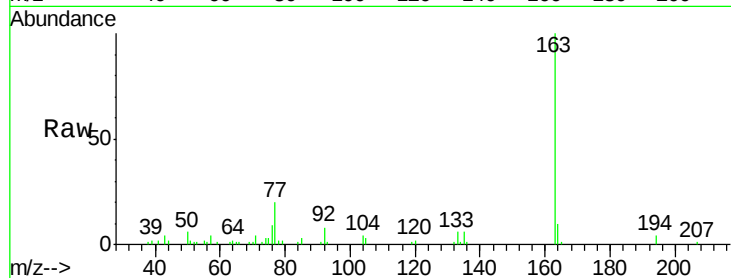
Tot Ion:163 Resp: 40250

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

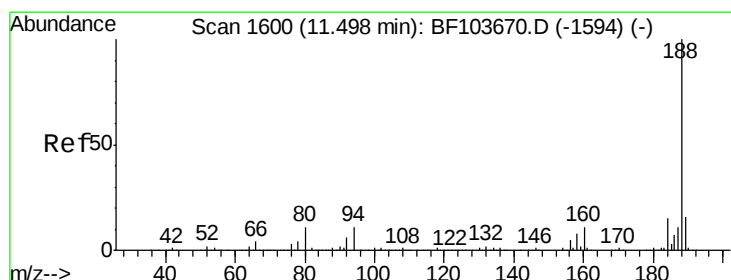
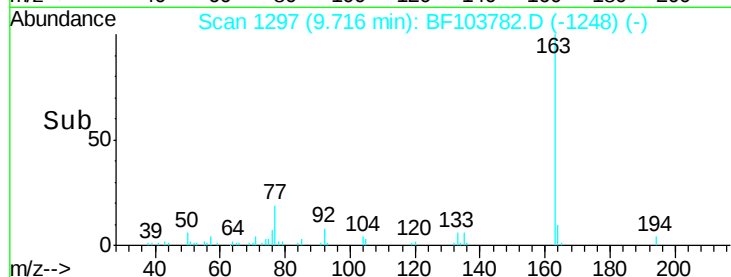
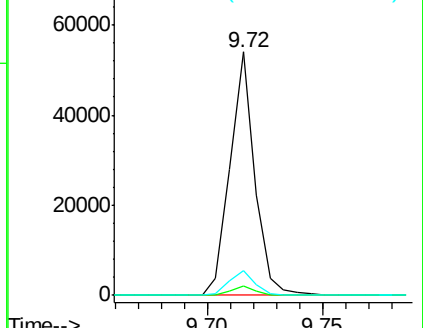
164 9.9 8.2 12.2



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: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103782.D

Acq: 20 Mar 2018 3:12

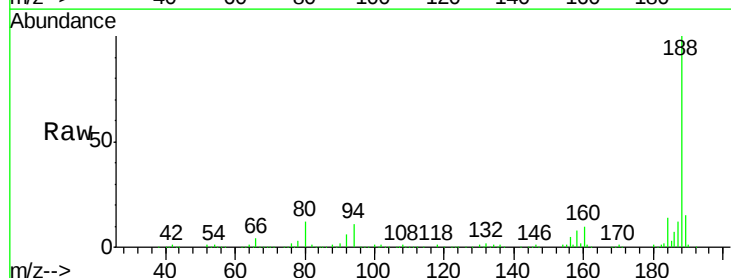
Tgt Ion:188 Resp: 331047

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

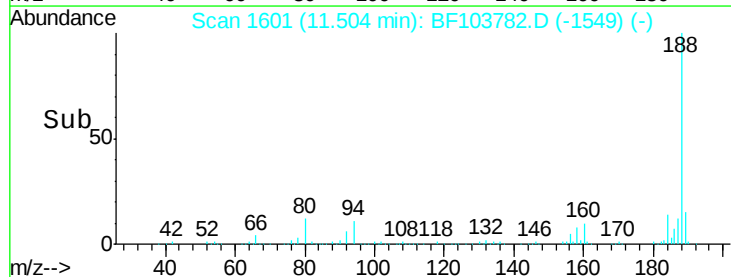
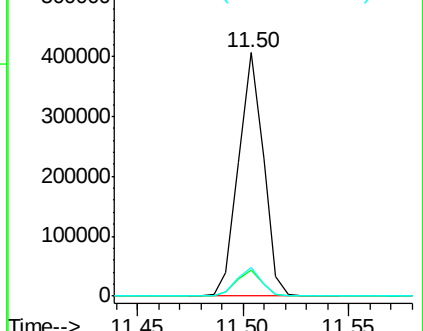
80 11.9 9.2 13.8

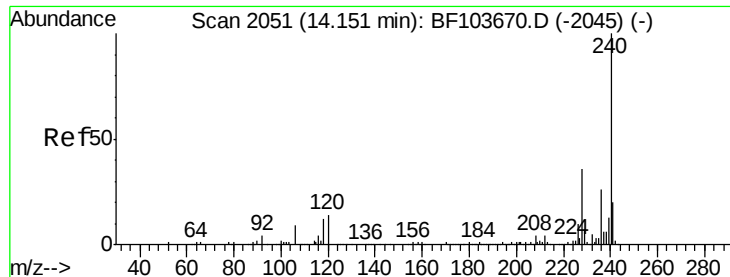


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2052

Delta R.T. 0.01 min

Lab File: BF103782.D

Acq: 20 Mar 2018 3:12

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-U-B

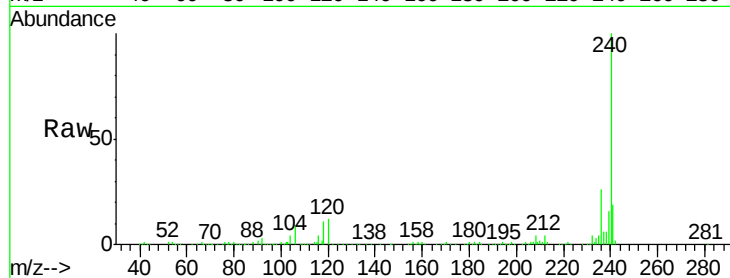
Tot Ion:240 Resp: 270673

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

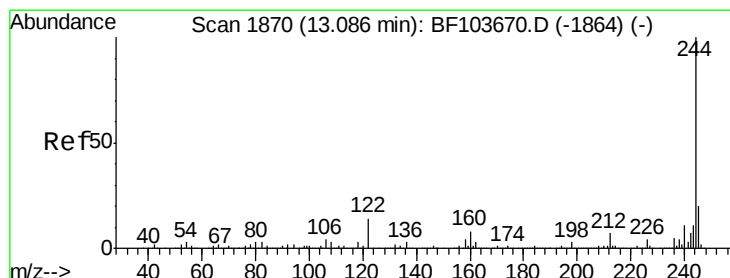
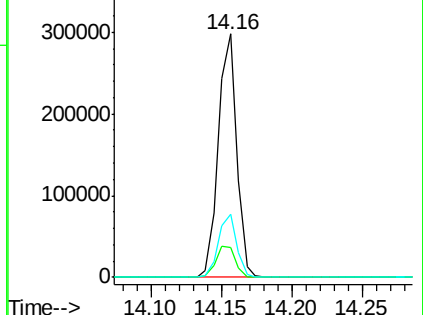
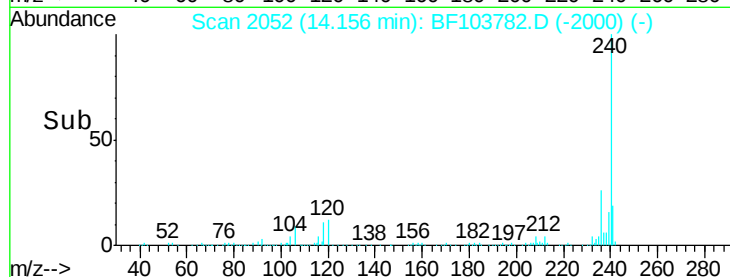
236 26.1 20.7 31.1



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: 91.784 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103782.D

Acq: 20 Mar 2018 3:12

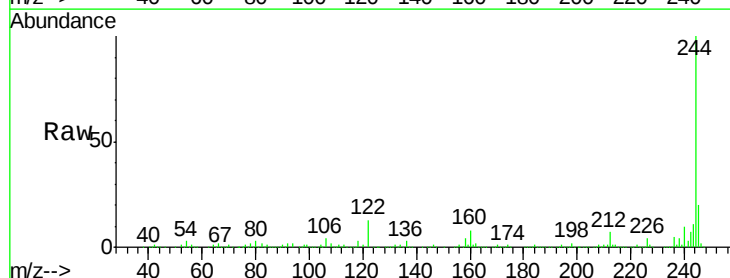
Tgt Ion:244 Resp: 1070314

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

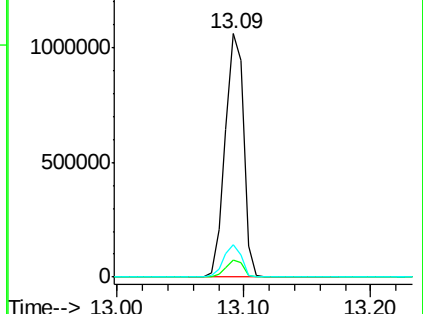
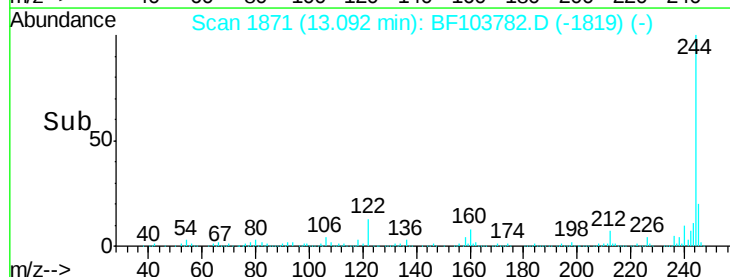
122 13.5 11.0 16.4

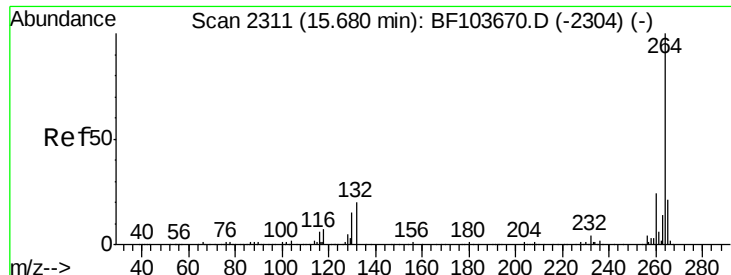


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

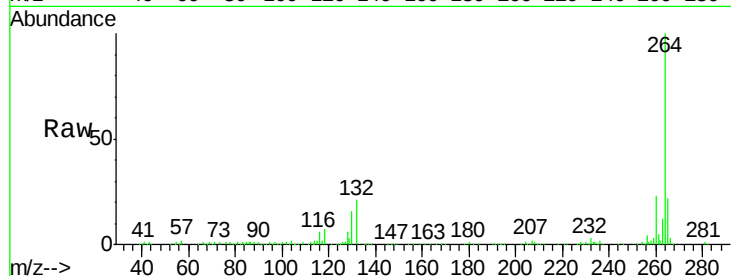




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103782.D
 Acq: 20 Mar 2018 3:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	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

