

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103783.D
 Acq On : 20 Mar 2018 3:38
 Operator : JU/SJ
 Sample : J1954-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 20 05:08:08 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

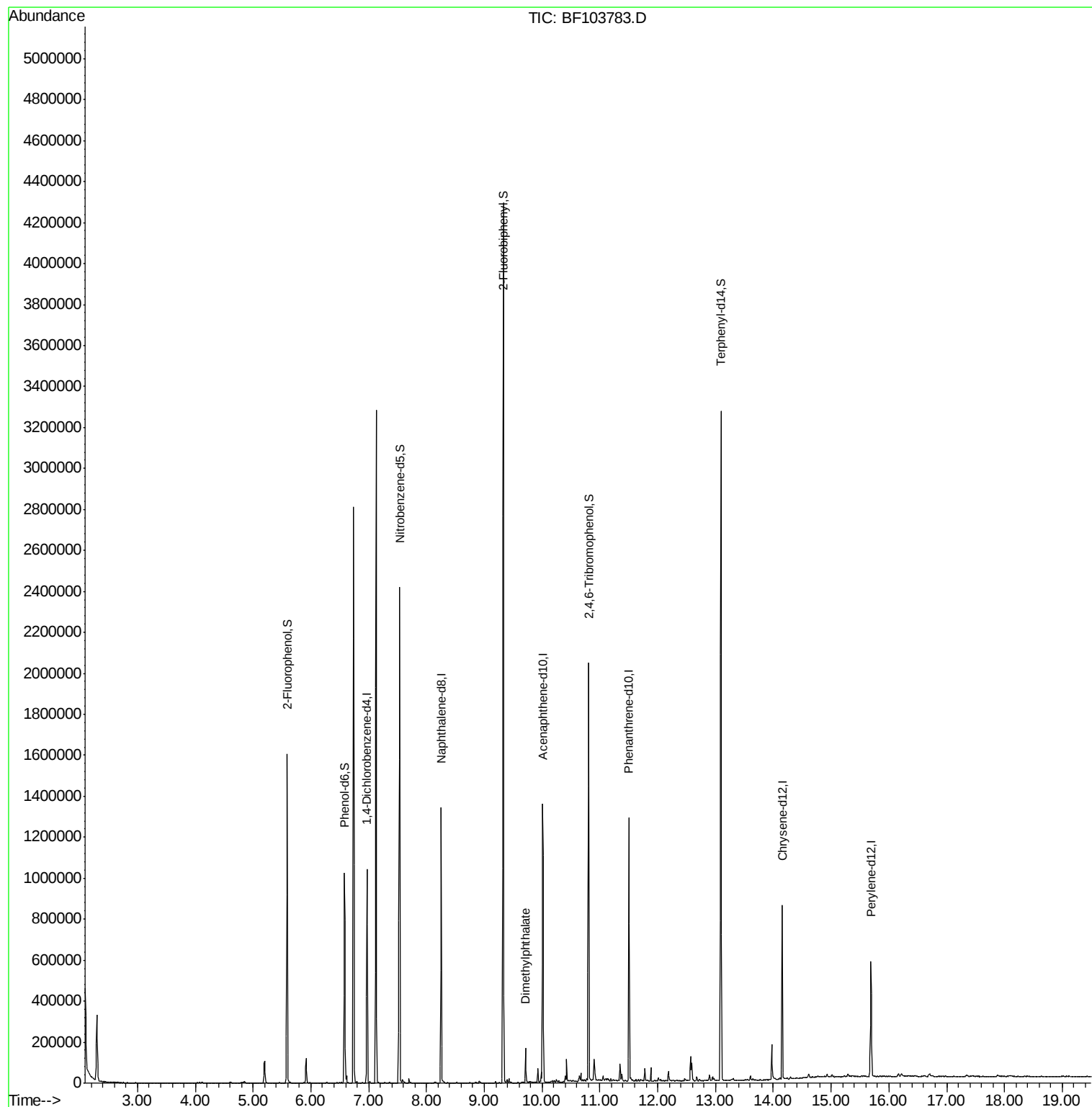
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	592540	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	261191	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	413446	20.00	ng	0.00
75) Chrysene-d12	14.16	240	295978	20.00	ng	0.00
86) Perylene-d12	15.69	264	248214	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	440153	45.27	ng	0.00
7) Phenol-d6	6.58	99	332682	27.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	970836	114.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	242850	108.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1528778	93.37	ng	0.00
78) Terphenyl-d14	13.10	244	1297212	101.73	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	58209	2.921	ng	Qvalue 99

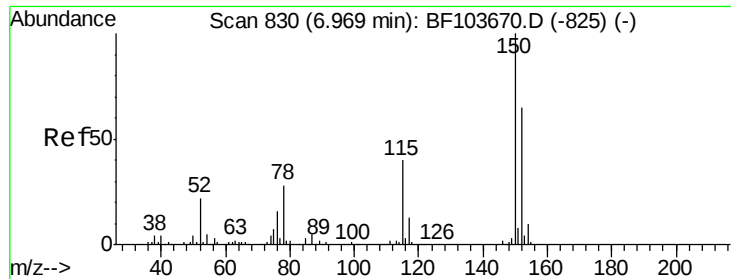
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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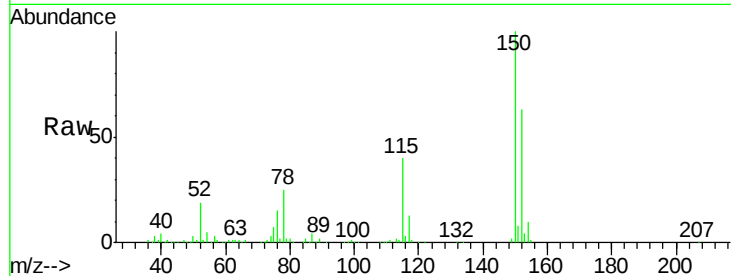


#1

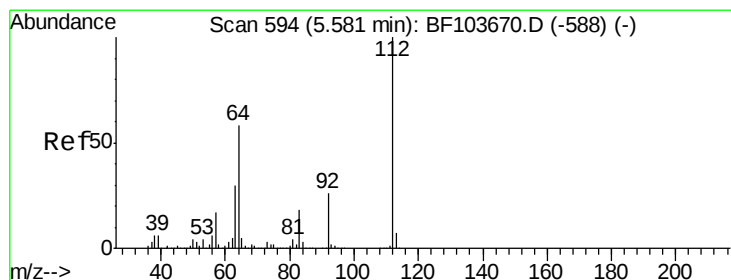
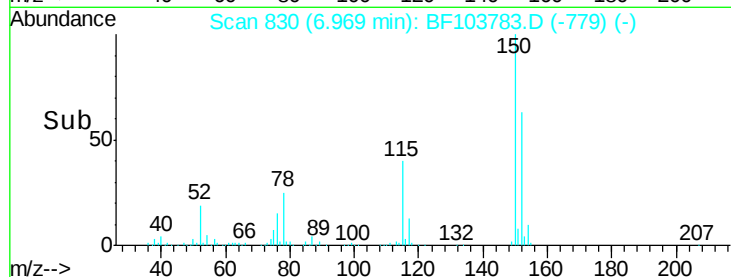
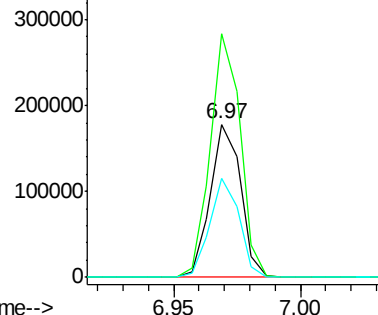
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.4	50.1	75.1



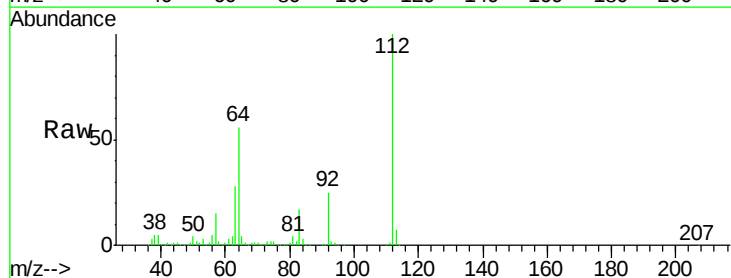
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



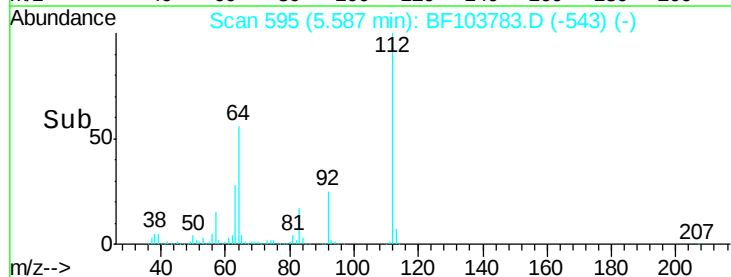
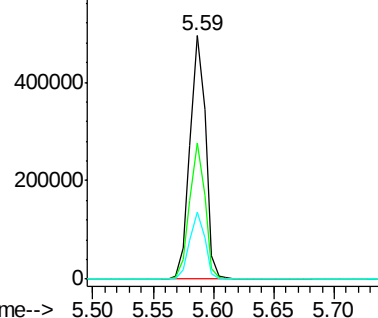
#5

2-Fluorophenol
Concen: 45.267 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.6	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: 27.966 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-U-S

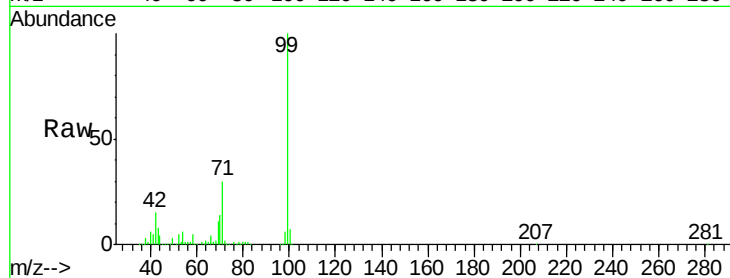
Tot Ion: 99 Resp: 332682

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

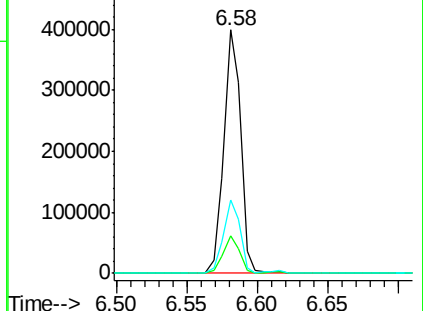
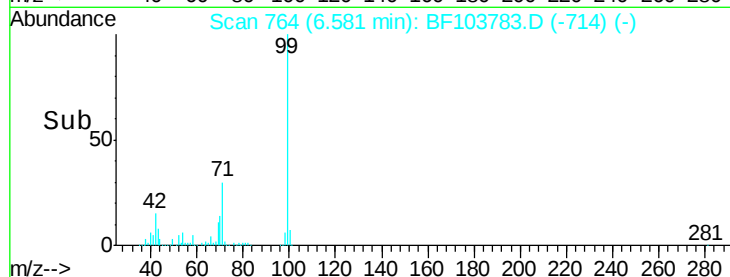
71 30.3 25.4 38.0



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: BF103783.D

Acq: 20 Mar 2018 3:38

Tgt Ion: 136 Resp: 592540

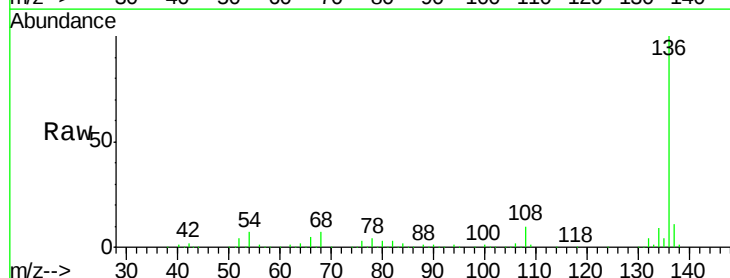
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.7 5.0 7.4

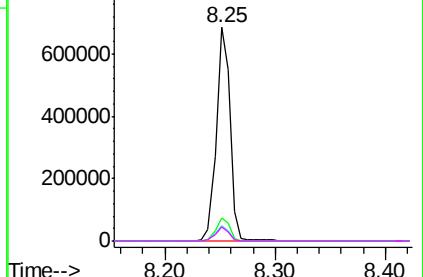
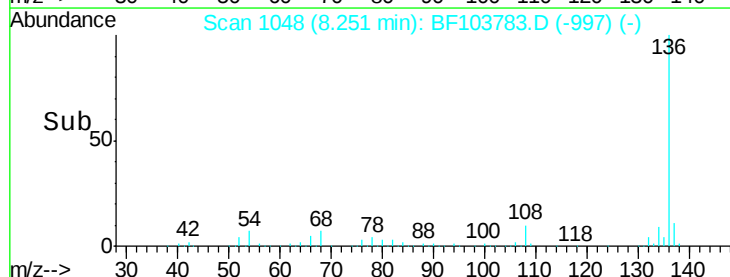


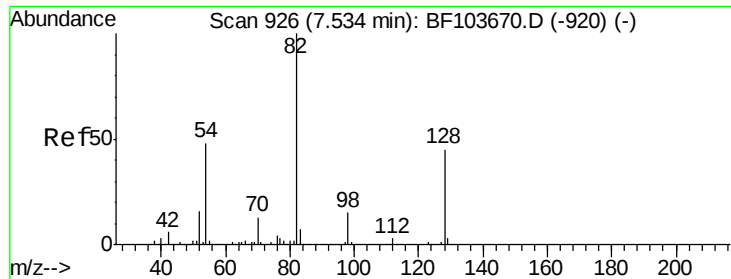
Abundance Ion 136.00 (135.70 to 136.70): E

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

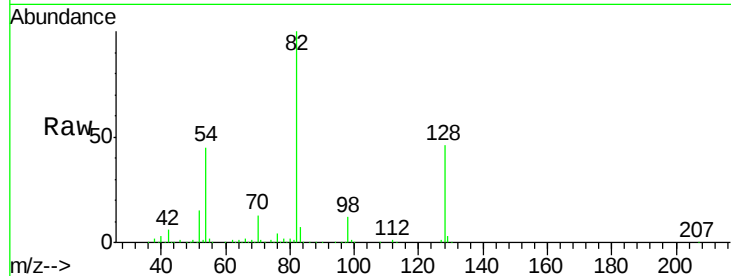




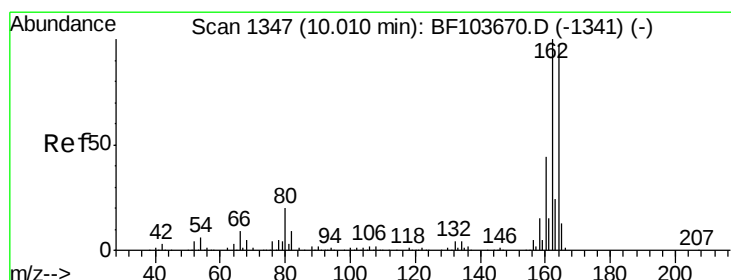
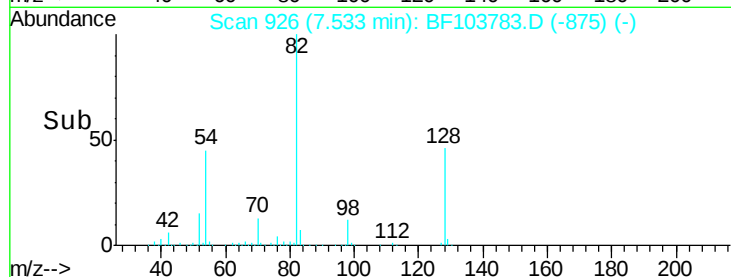
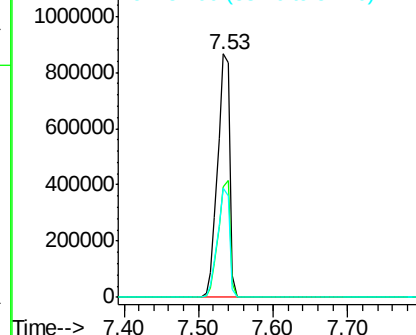
#23
 Nitrobenzene-d5
 Concen: 114.257 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

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

Tot Ion	82	Resp	970836
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	44.9	41.4	62.2

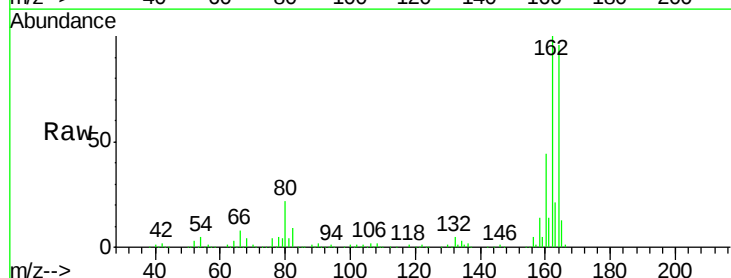


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

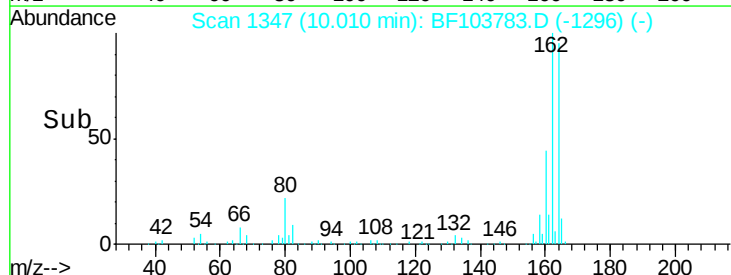
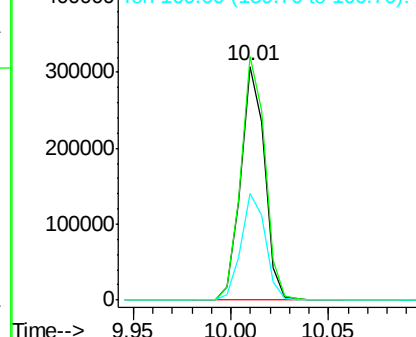


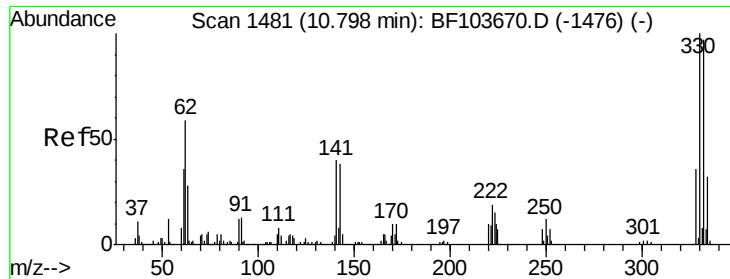
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Tgt Ion	164	Resp	261191
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	45.5	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

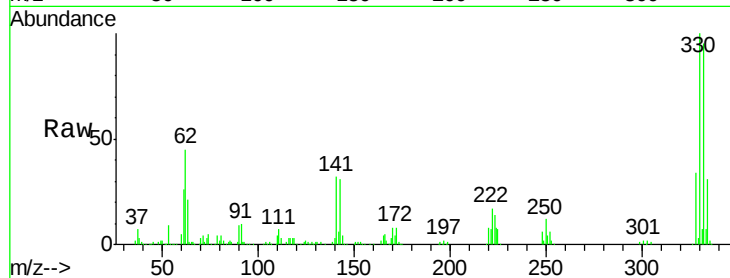




#41
 2,4,6-Tribromophenol
 Concen: 108.138 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.9	29.9	44.9

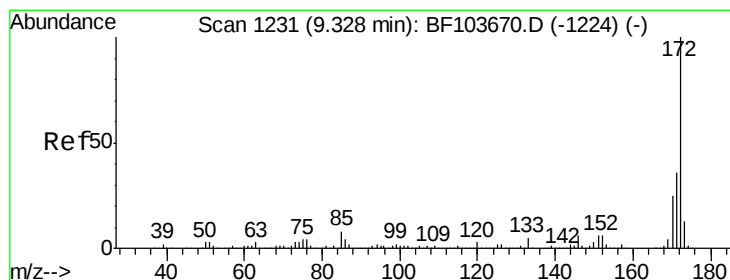
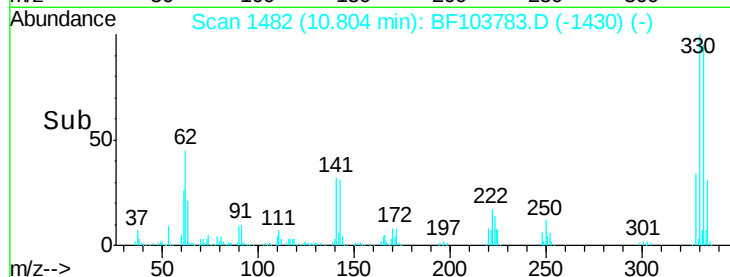
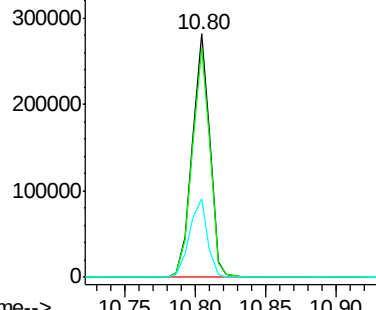


Abundance

Ion 329.80 (329.50 to 330.50): E

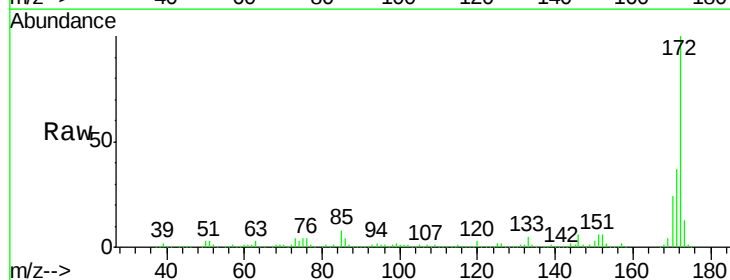
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.366 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.4	19.6	29.4

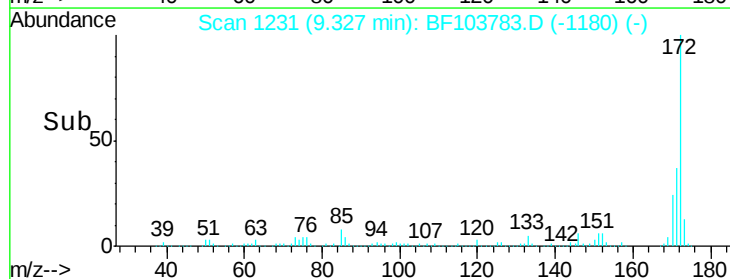
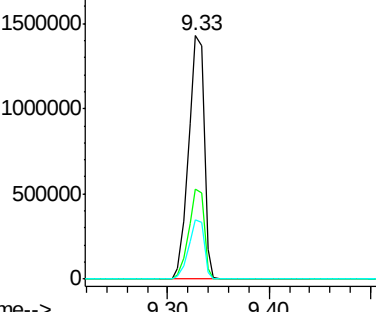


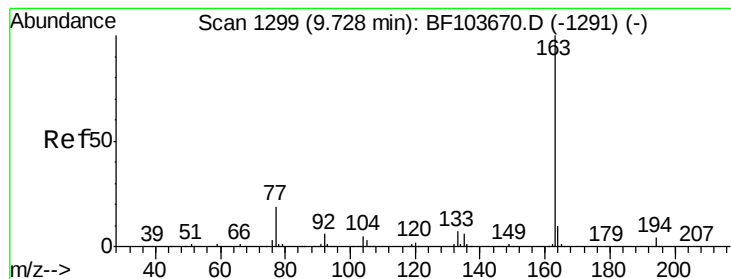
Abundance

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





#49

Dimethylphthalate

Concen: 2.921 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

031518-TIDO-F-U-S

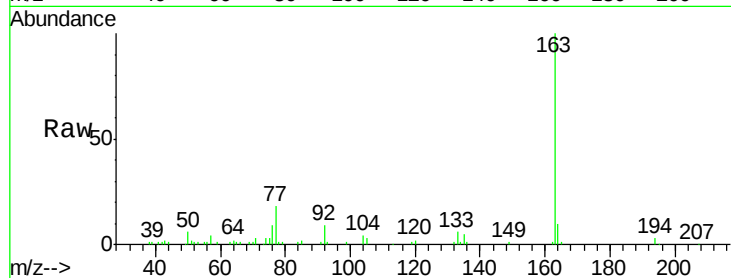
Tot Ion:163 Resp: 58209

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

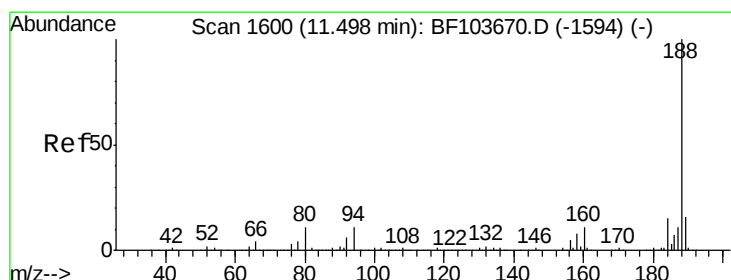
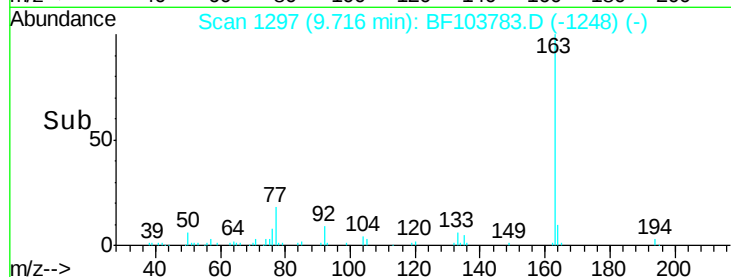
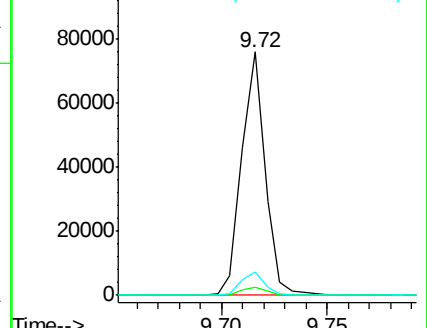
164 9.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

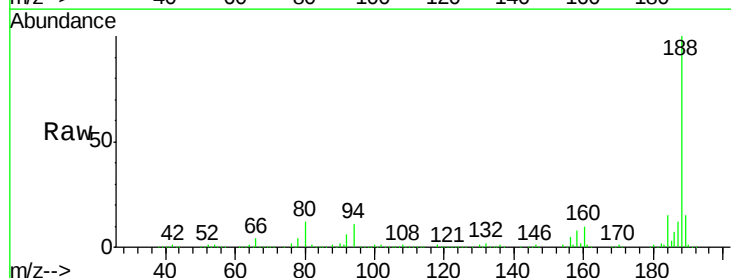
Tgt Ion:188 Resp: 413446

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

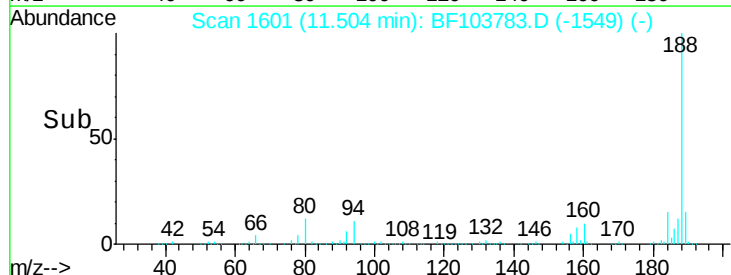
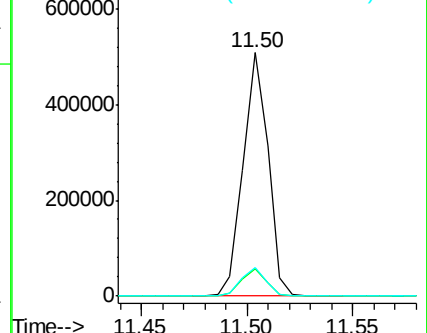
80 11.6 9.2 13.8

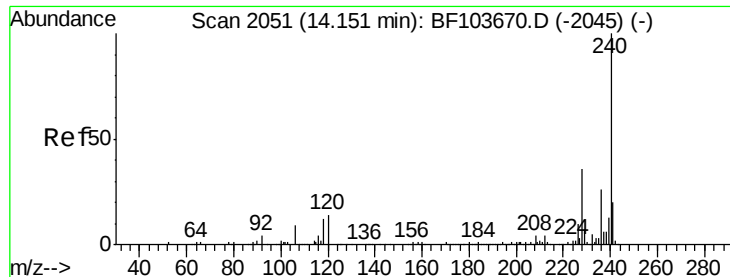


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2052

Delta R.T. 0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

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ClientSampleId :

031518-TIDO-F-U-S

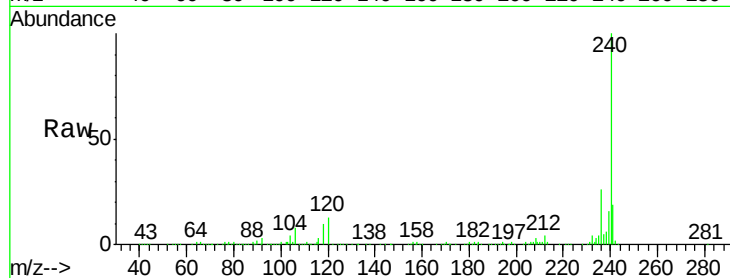
Tot Ion:240 Resp: 295978

Ion Ratio Lower Upper

240 100

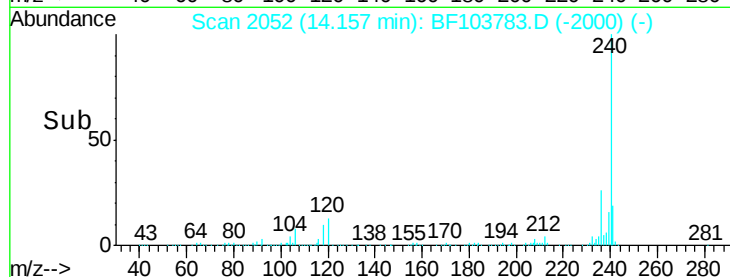
120 12.7 9.5 14.3

236 25.5 20.7 31.1

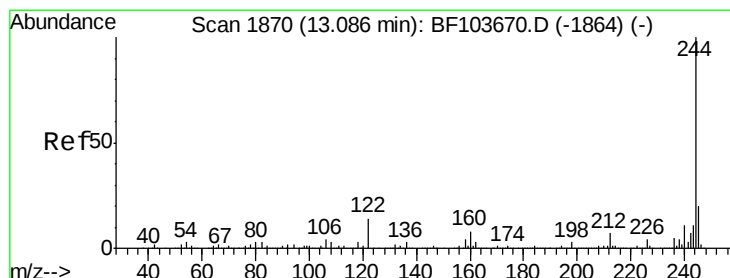


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.16



Time-->



#78

Terphenyl-d14

Concen: 101.731 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

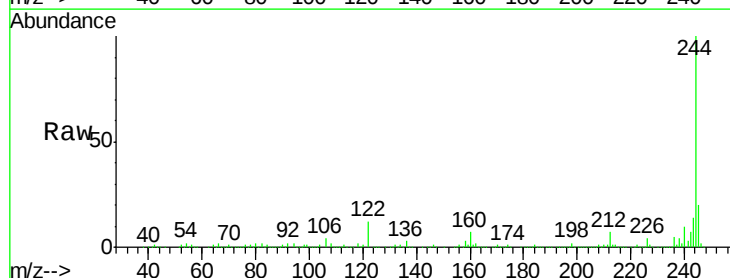
Tgt Ion:244 Resp: 1297212

Ion Ratio Lower Upper

244 100

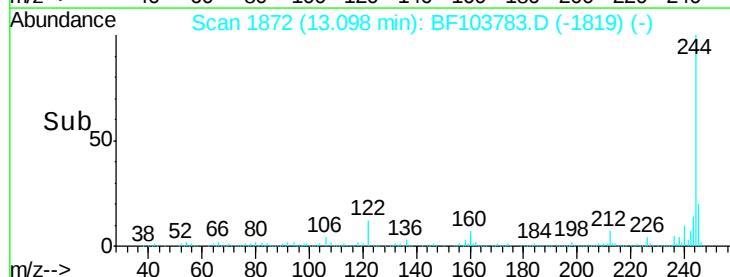
212 6.8 5.4 8.0

122 11.5 11.0 16.4

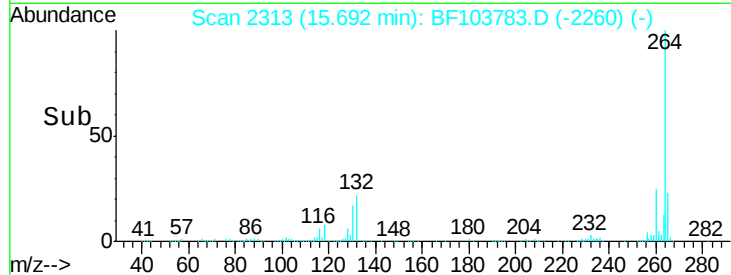
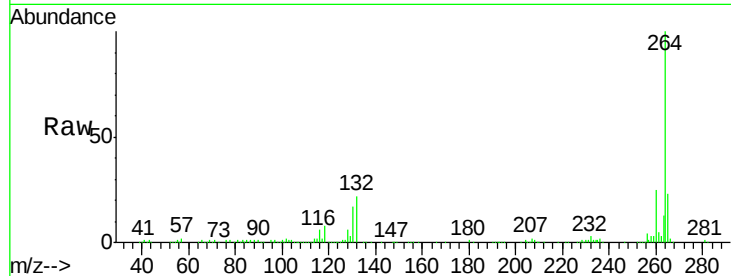
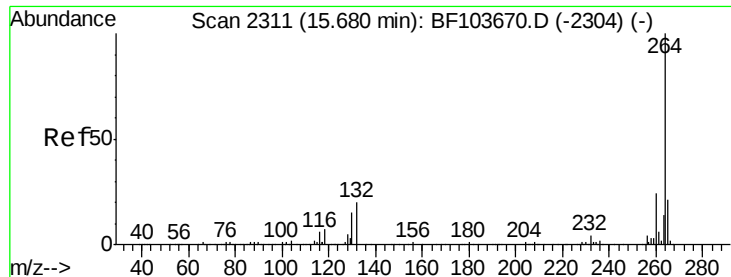


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.10



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.7	17.5	26.3

