

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103749.D
 Acq On : 19 Mar 2018 11:43
 Operator : JU/SJ
 Sample : J1938-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Quant Time: Mar 19 12:33:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172155	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	710680	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	332143	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	606271	20.00	ng	0.00
75) Chrysene-d12	14.16	240	536977	20.00	ng	0.00
86) Perylene-d12	15.69	264	495176	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1347889	119.09	ng	0.02
7) Phenol-d6	6.60	99	1490720	107.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	1132922	111.17	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	454324	159.09	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1927037	92.55	ng	0.00
78) Terphenyl-d14	13.10	244	1930000	83.43	ng	0.00

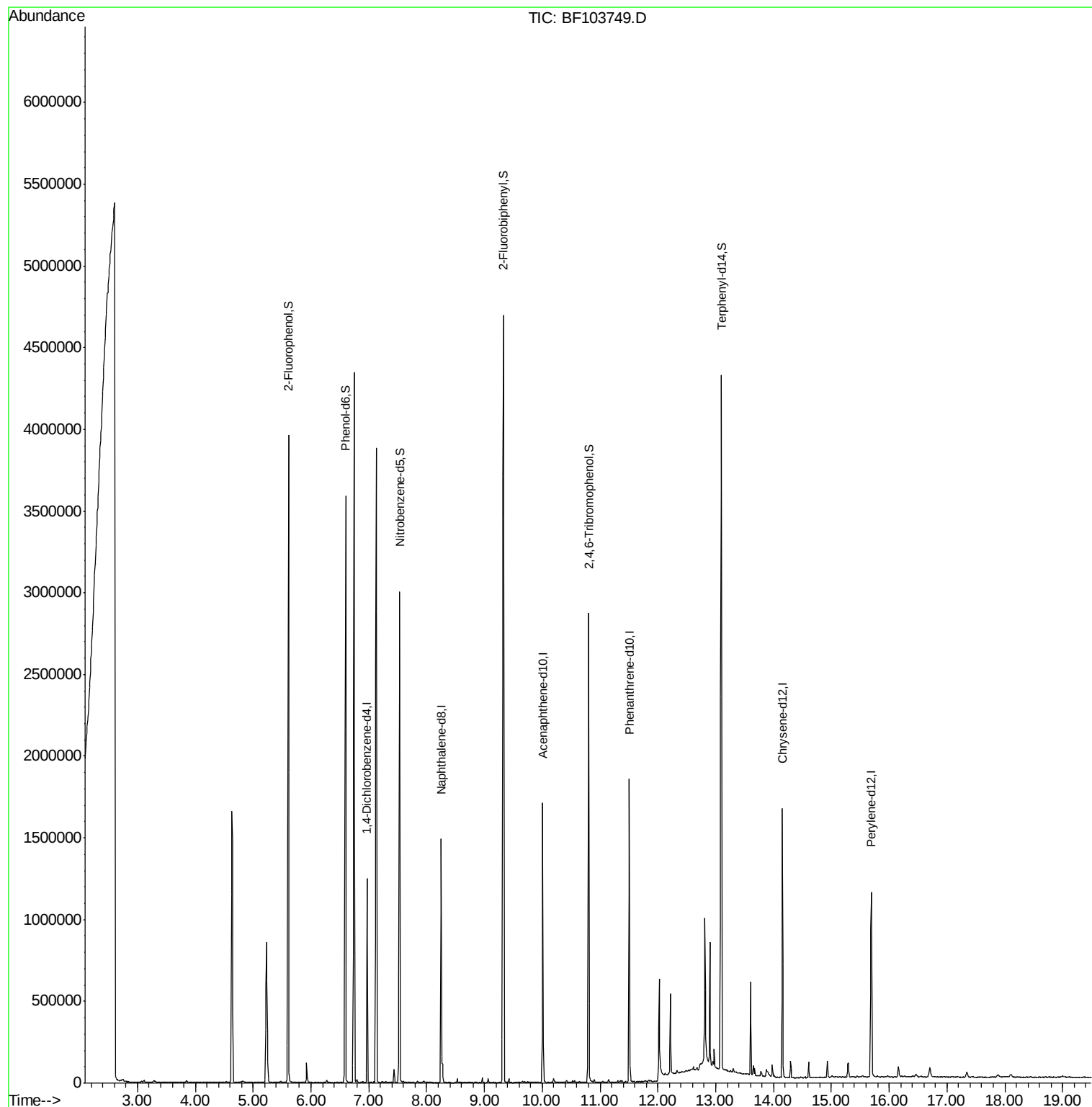
Target Compounds Qvalue

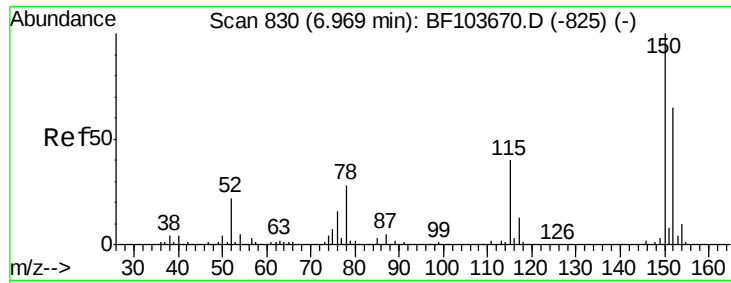
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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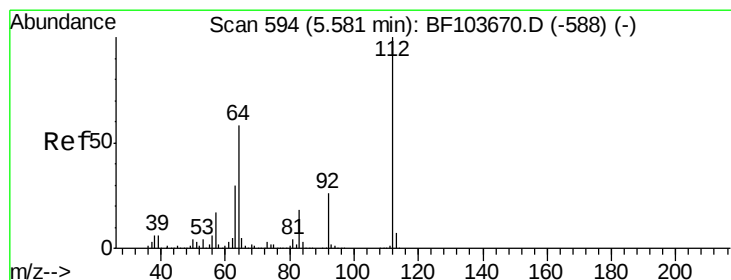
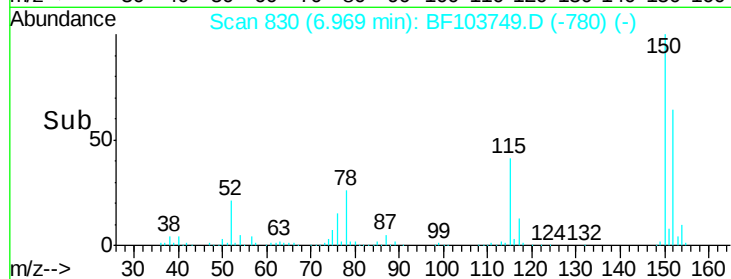
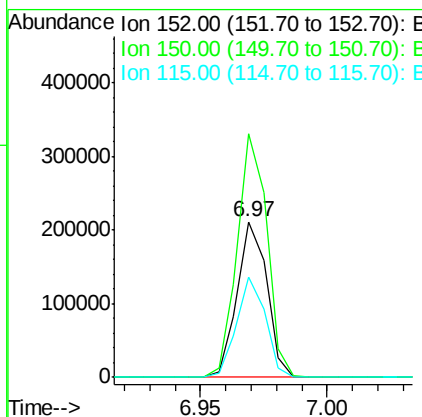
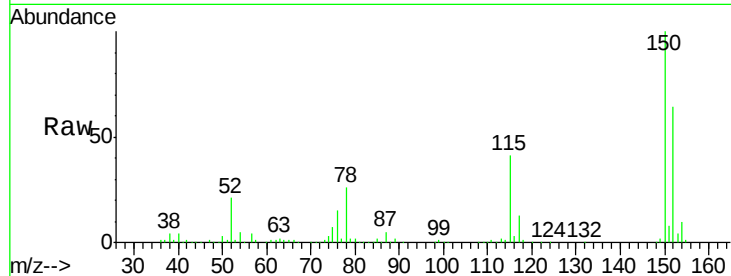


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103749.D
Acq: 19 Mar 2018 11:43

Instrument :
BNA_F
ClientSampleId :
CS-2

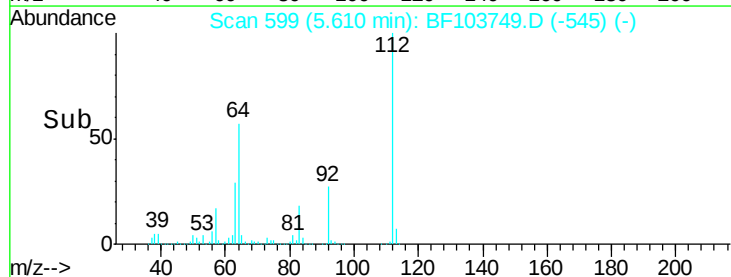
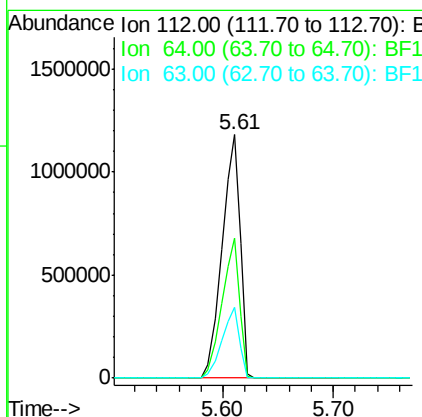
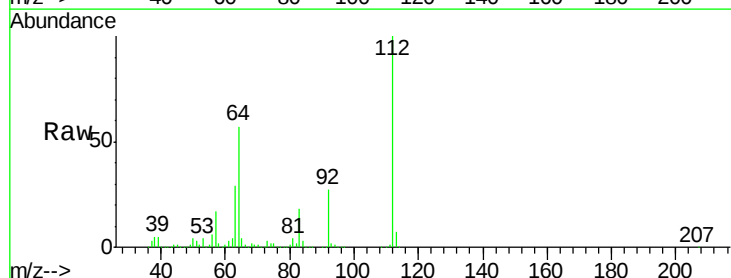
Tot Ion:152 Resp: 172155
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 64.3 50.1 75.1



#5

2-Fluorophenol
Concen: 119.086 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103749.D
Acq: 19 Mar 2018 11:43

Tgt Ion:112 Resp: 1347889
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 107.653 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103749.D

Acq: 19 Mar 2018 11:43

Instrument :

BNA_F

ClientSampleId :

CS-2

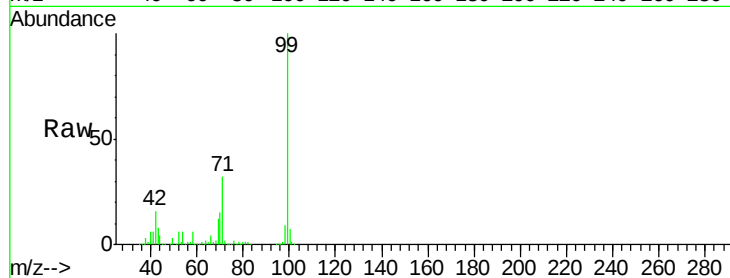
Tot Ion: 99 Resp: 1490720

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

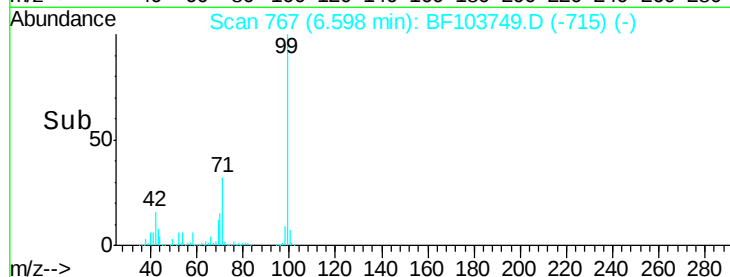
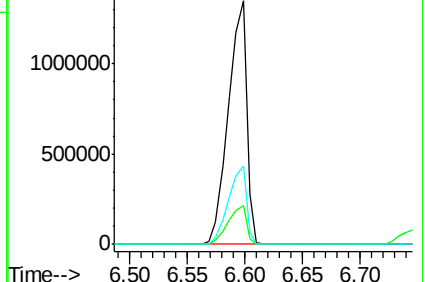
71 32.4 25.4 38.0



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. -0.01 min

Lab File: BF103749.D

Acq: 19 Mar 2018 11:43

Tgt Ion: 136 Resp: 710680

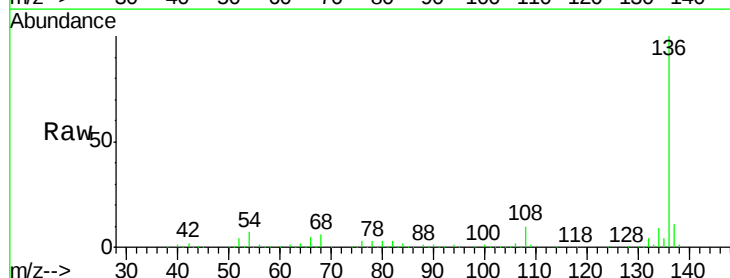
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 6.5 5.0 7.4

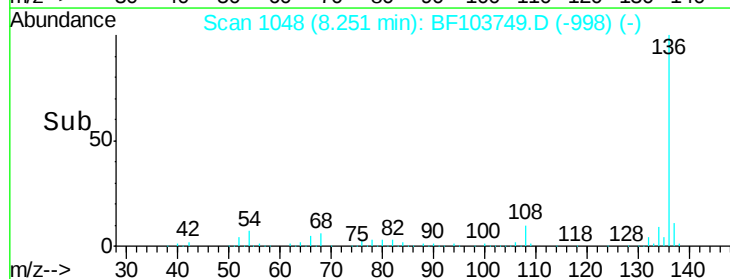
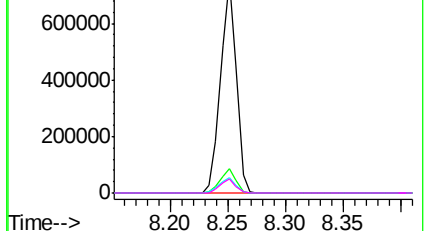


Abundance Ion 136.00 (135.70 to 136.70): E

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



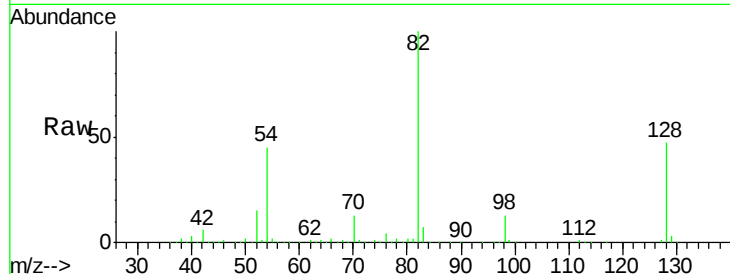


#23
 Nitrobenzene-d5
 Concen: 111.169 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103749.D
 Acq: 19 Mar 2018 11:43

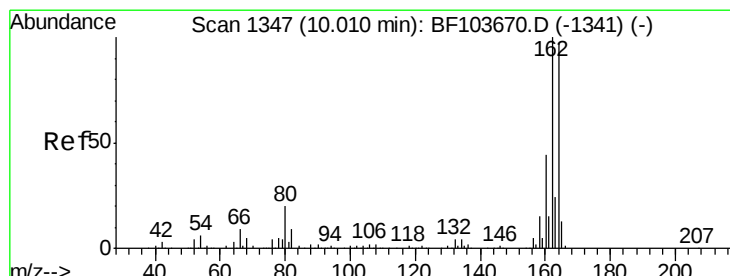
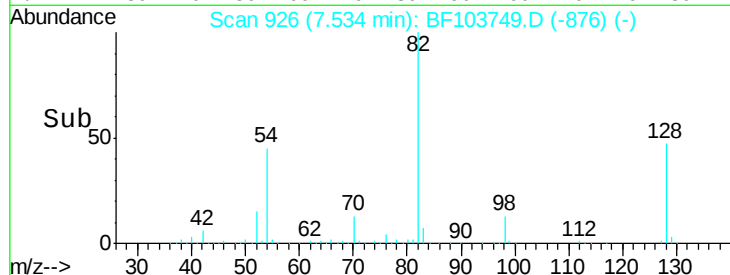
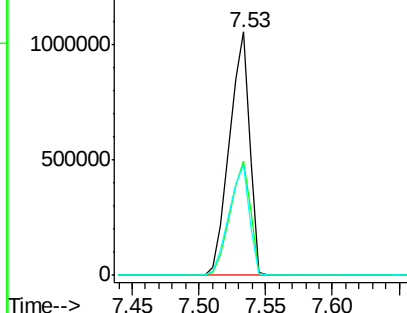
Instrument :
 BNA_F
 ClientSampled :
 CS-2

Tot Ion: 82 Resp: 1132922

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	45.3	41.4	62.2



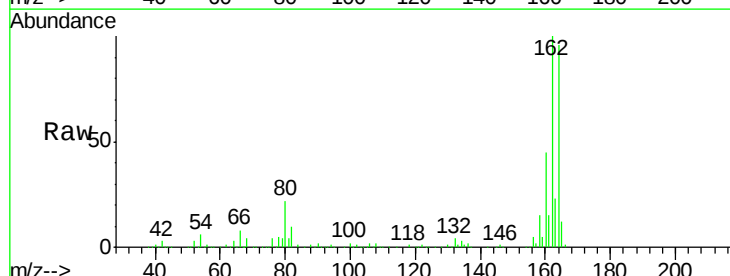
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



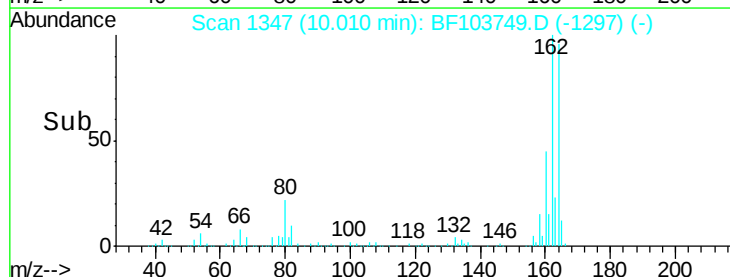
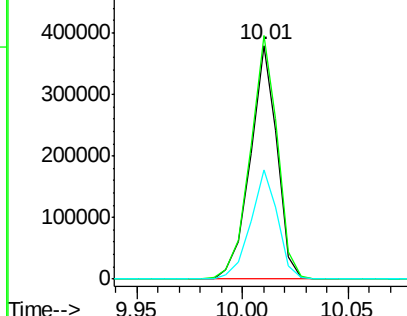
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103749.D
 Acq: 19 Mar 2018 11:43

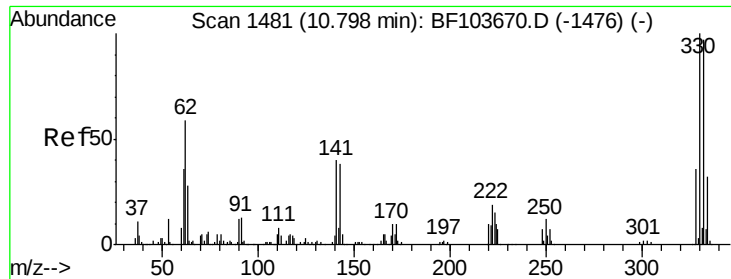
Tgt Ion:164 Resp: 332143

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.6	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

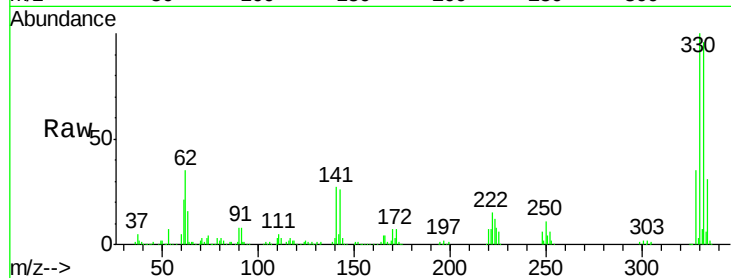




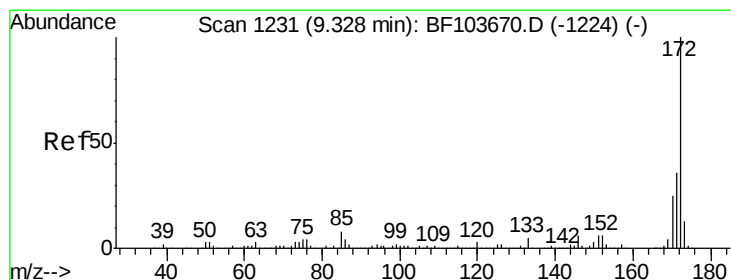
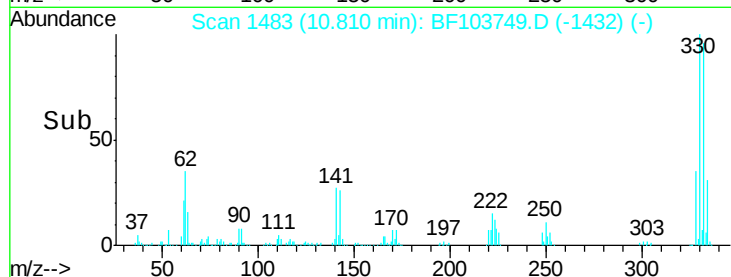
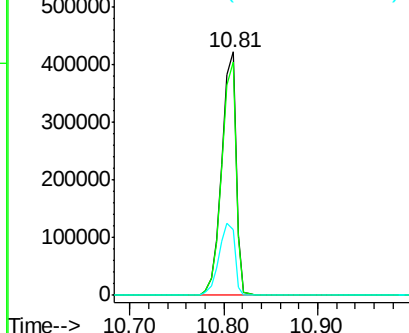
#41
 2,4,6-Tribromophenol
 Concen: 159.089 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103749.D
 Acq: 19 Mar 2018 11:43

Instrument :
 BNA_F
 ClientSampled :
 CS-2

Tot Ion:330 Resp: 454324
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 32.7 29.9 44.9

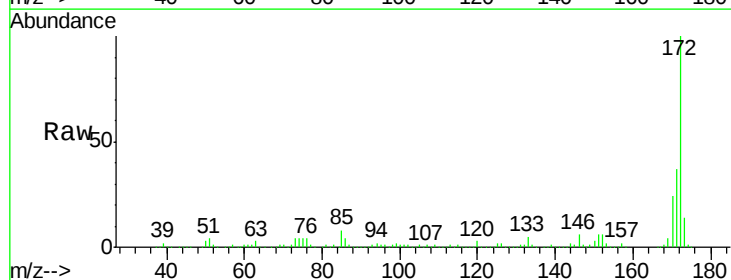


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

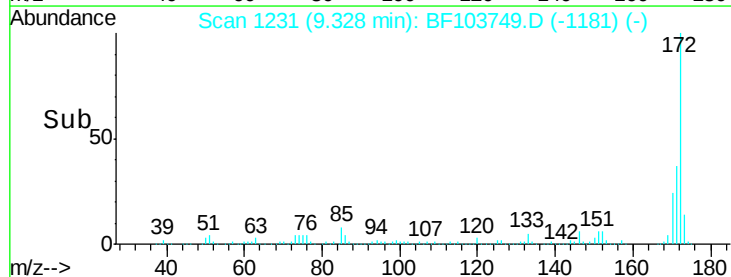
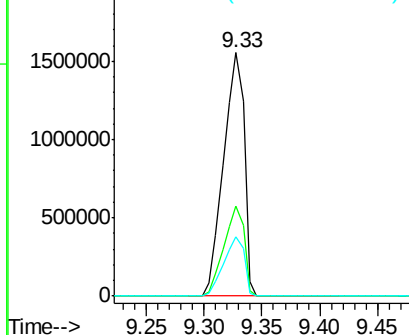


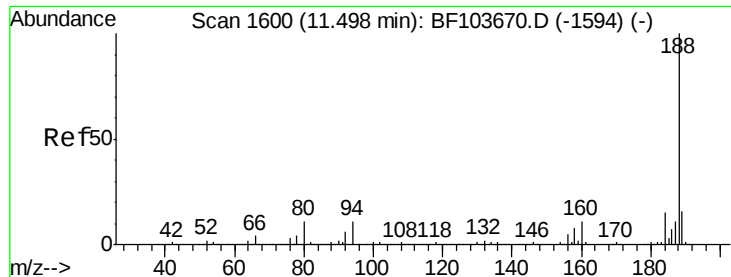
#44
 2-Fluorobiphenyl
 Concen: 92.548 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103749.D
 Acq: 19 Mar 2018 11:43

Tgt Ion:172 Resp: 1927037
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.5 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

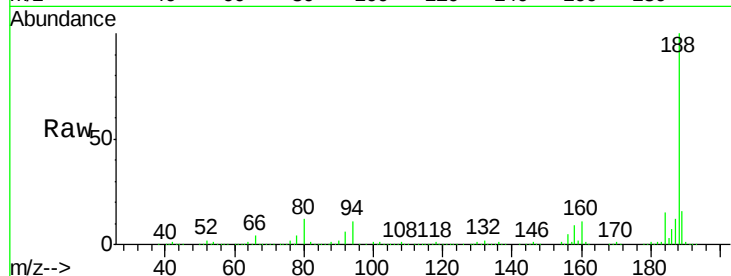




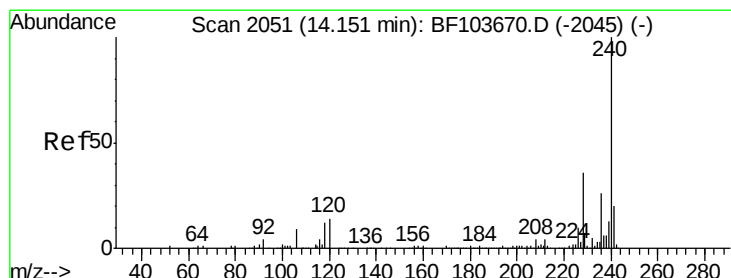
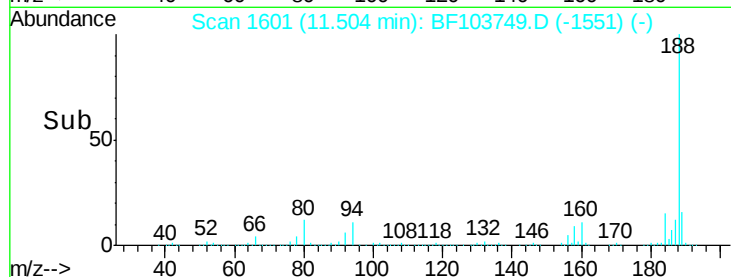
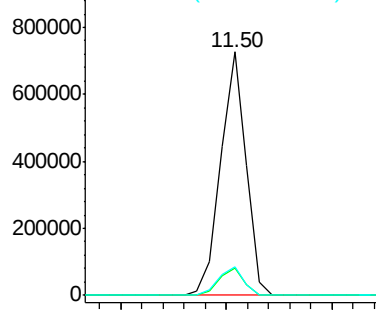
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103749.D
Acq: 19 Mar 2018 11:43

Instrument :
BNA_F
ClientSampleId :
CS-2

Tot Ion:188 Resp: 606271
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8

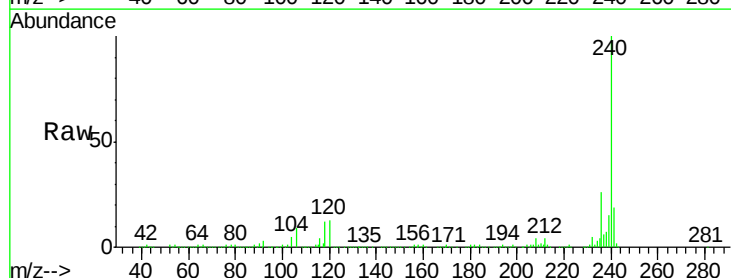


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

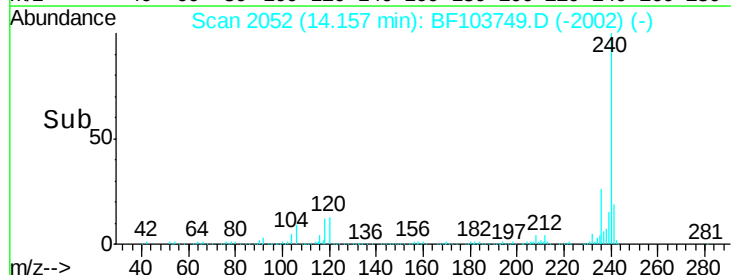
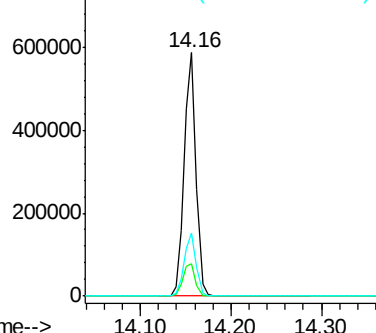


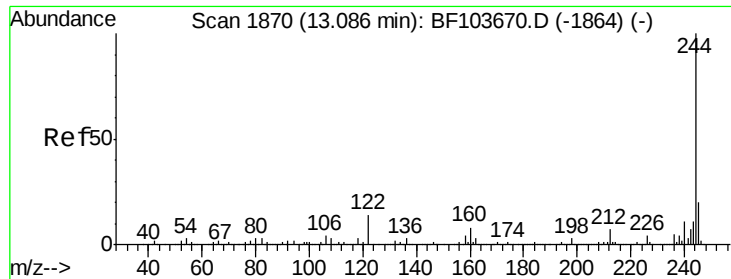
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103749.D
Acq: 19 Mar 2018 11:43

Tgt Ion:240 Resp: 536977
Ion Ratio Lower Upper
240 100
120 13.2 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: 83.427 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103749.D

Acq: 19 Mar 2018 11:43

Instrument :

BNA_F

ClientSampleId :

CS-2

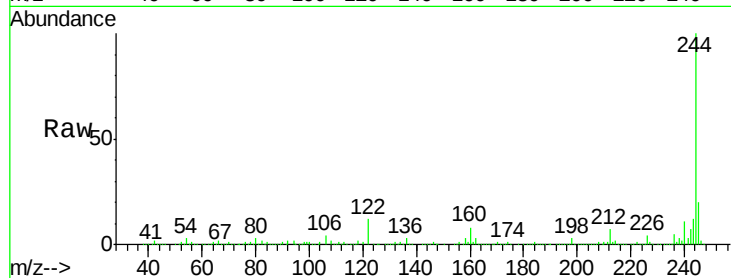
Tot Ion:244 Resp: 1930000

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

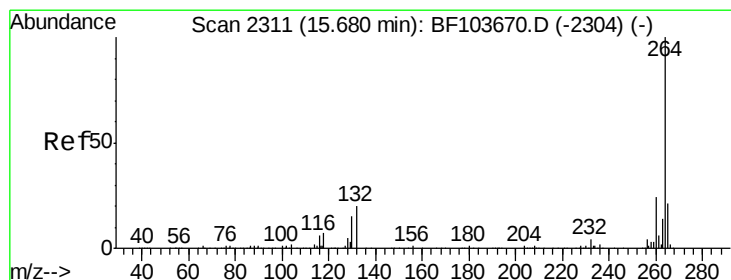
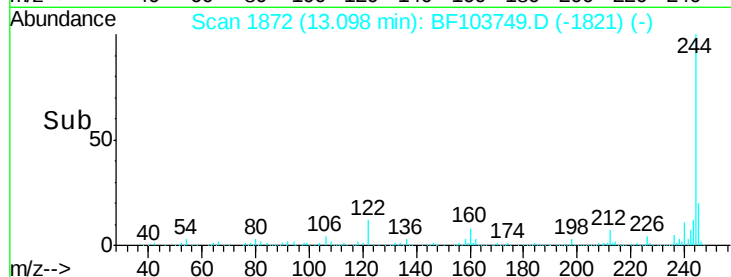
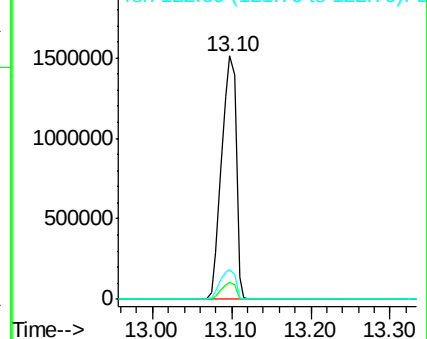
122 12.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF103749.D

Acq: 19 Mar 2018 11:43

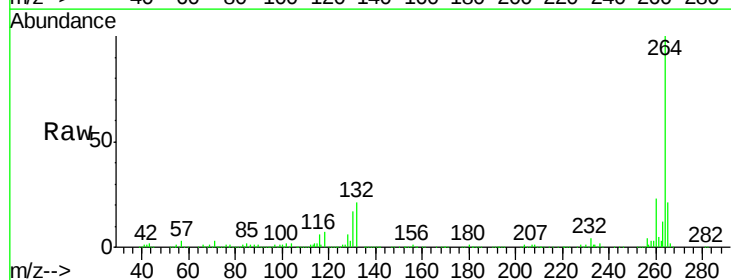
Tgt Ion:264 Resp: 495176

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 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

