

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103907.D
 Acq On : 24 Mar 2018 3:59
 Operator : JU/SJ
 Sample : J2014-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032018-JETT-F-D-M

Quant Time: Mar 24 05:31:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122752	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	459276	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	178444	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	279245	20.00	ng	0.00
75) Chrysene-d12	14.16	240	250835	20.00	ng	0.00
86) Perylene-d12	15.70	264	180688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	334105	41.40	ng	0.00
7) Phenol-d6	6.59	99	270750	27.42	ng	-0.01
23) Nitrobenzene-d5	7.54	82	703525	106.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	149878	97.69	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1207009	107.90	ng	0.00
78) Terphenyl-d14	13.10	244	963620	89.17	ng	0.00

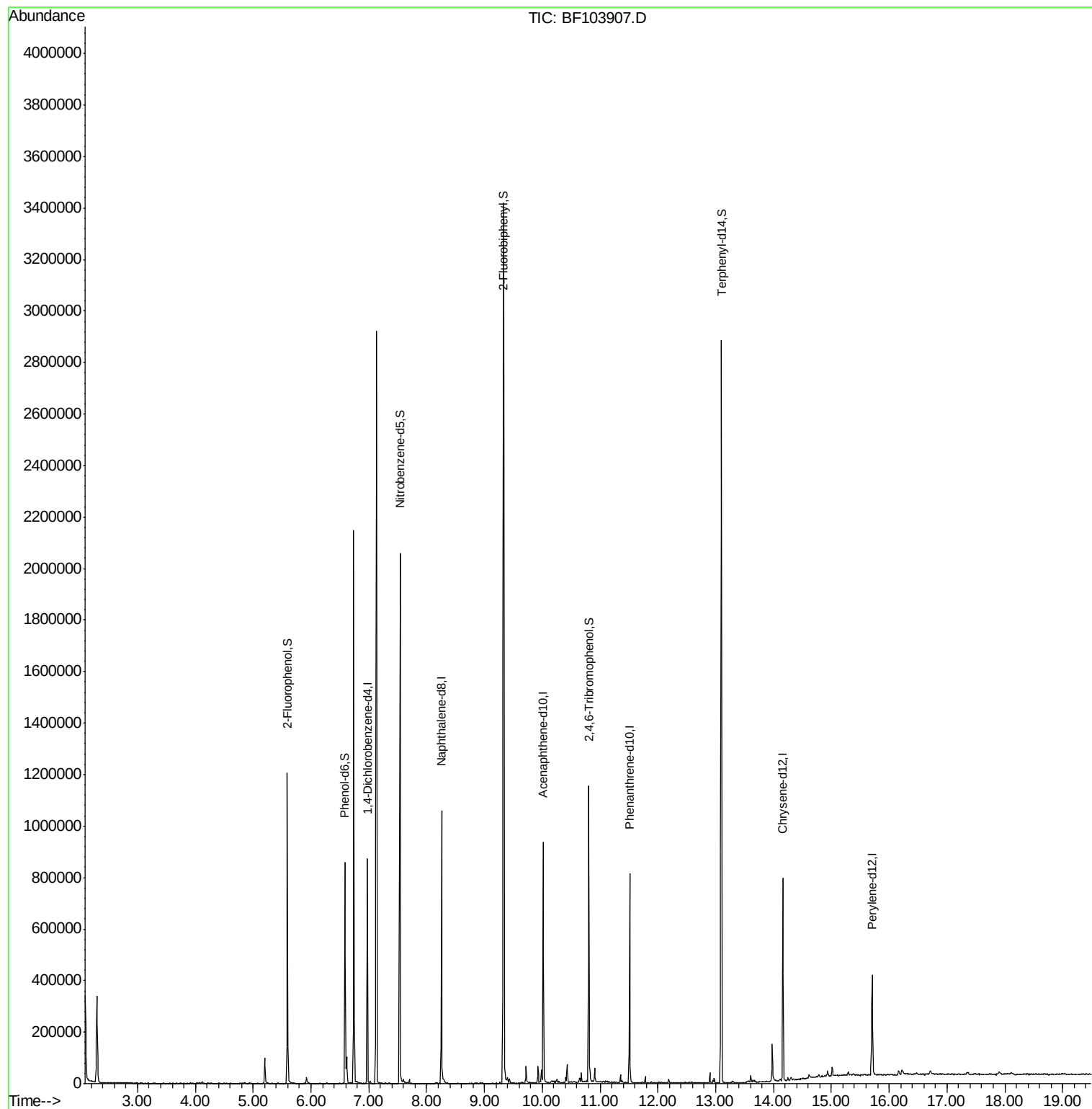
Target Compounds Qvalue

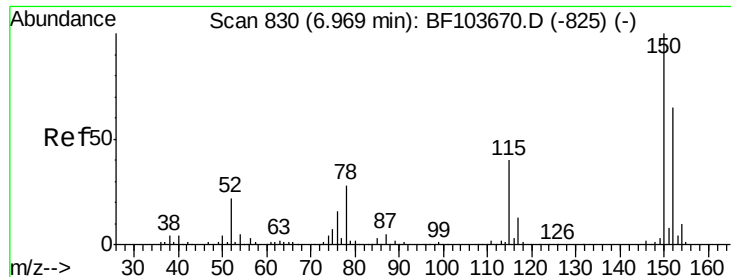
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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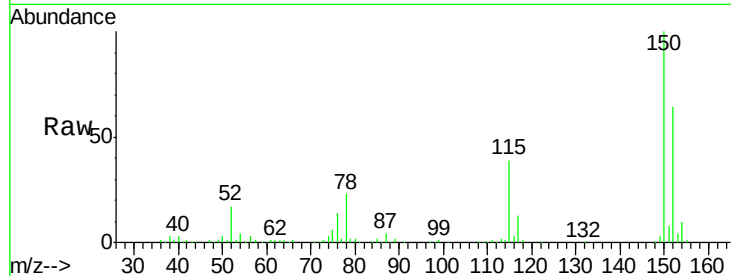


#1

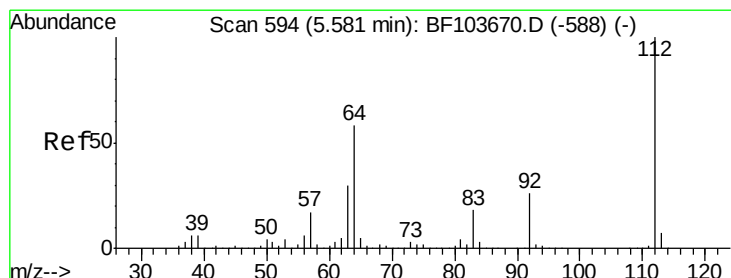
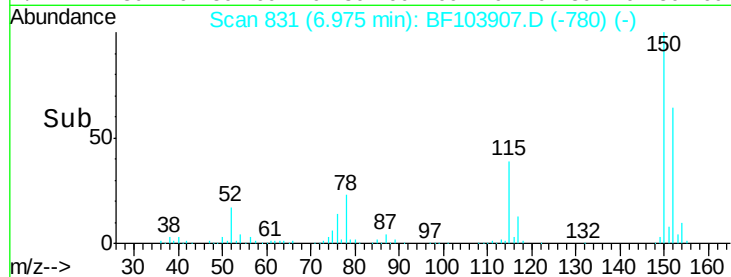
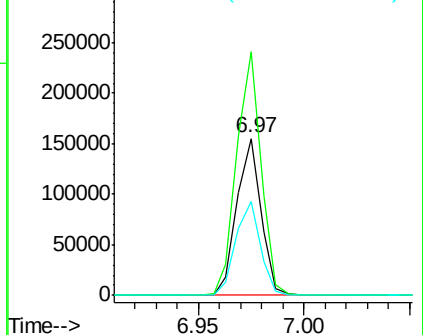
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103907.D
Acq: 24 Mar 2018 3:59

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-D-M

Tot Ion:152 Resp: 122752
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.2 50.1 75.1



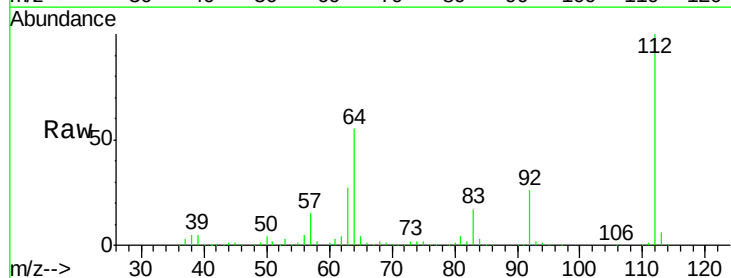
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



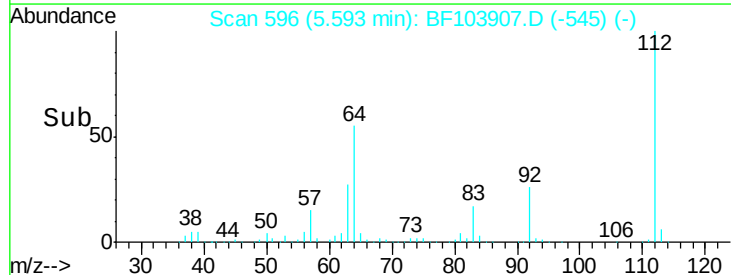
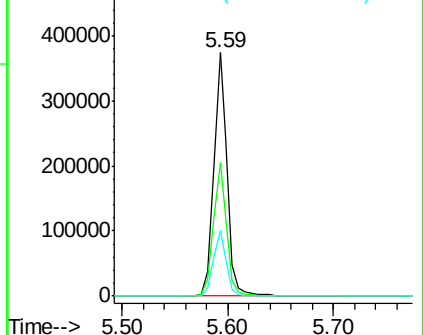
#5

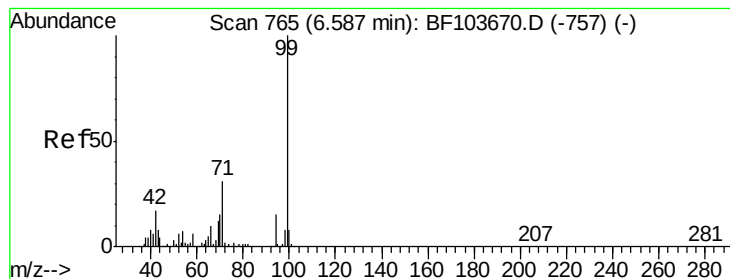
2-Fluorophenol
Concen: 41.398 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103907.D
Acq: 24 Mar 2018 3:59

Tgt Ion:112 Resp: 334105
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.1 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: 27.421 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

Instrument :

BNA_F

ClientSampleId :

032018-JETT-F-D-M

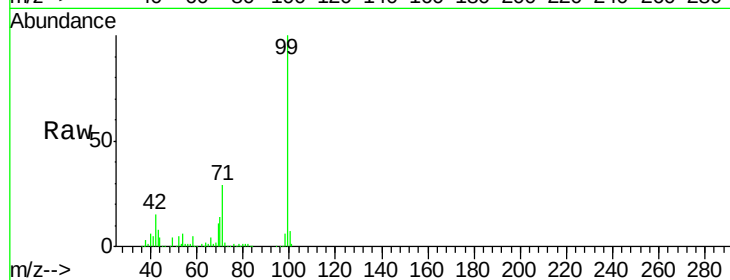
Tot Ion: 99 Resp: 270750

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

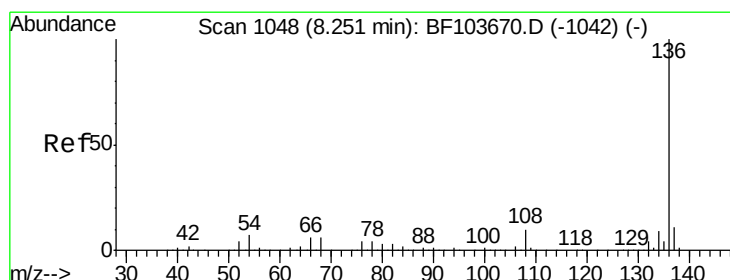
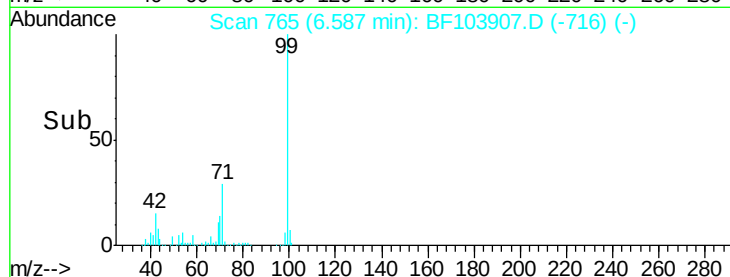
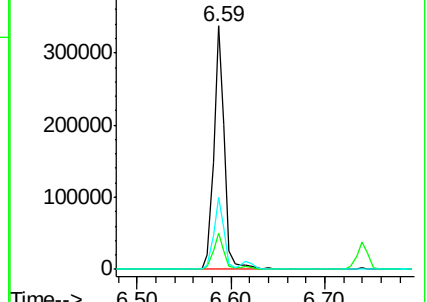
71 29.4 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

Tgt Ion: 136 Resp: 459276

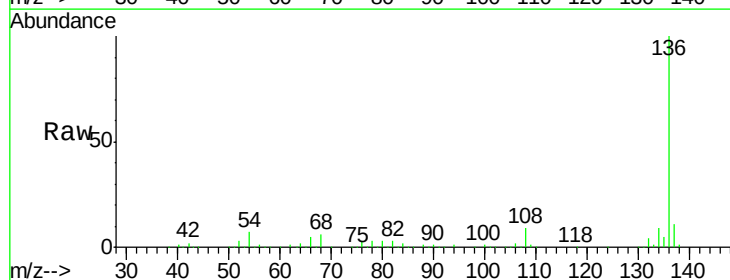
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

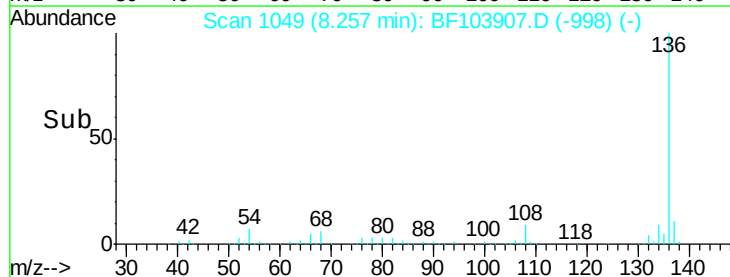
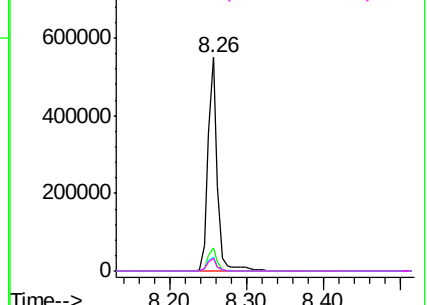


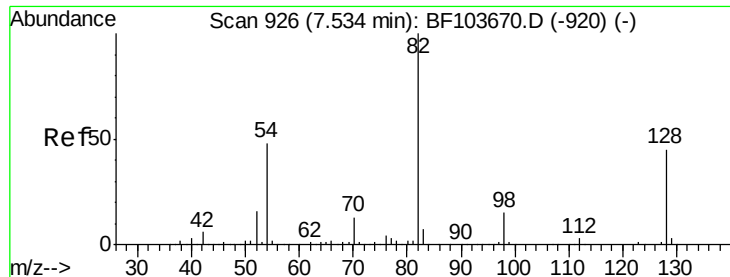
Abundance Ion 136.00 (135.70 to 136.70): E

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

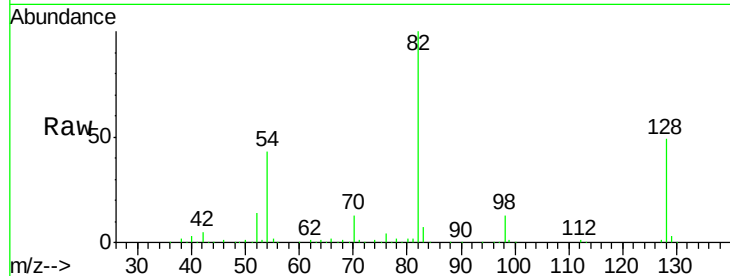




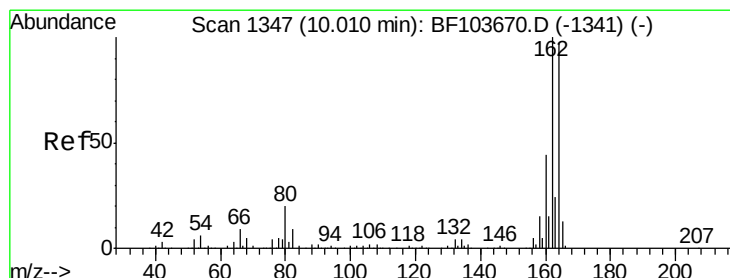
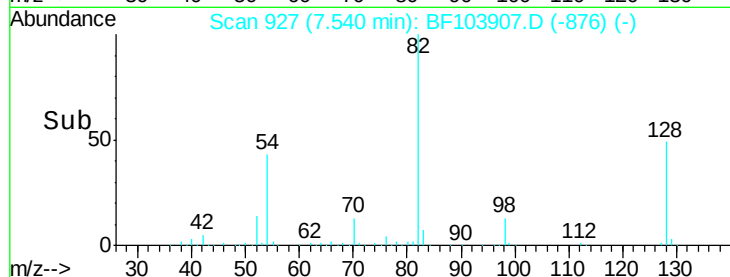
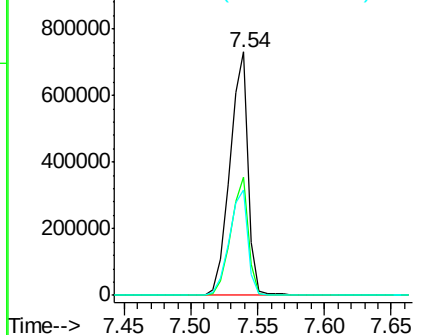
#23
 Nitrobenzene-d5
 Concen: 106.822 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103907.D
 Acq: 24 Mar 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 032018-JETT-F-D-M

Tot Ion	82	Resp	703525
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.1	54.1
54	43.4	41.4	62.2

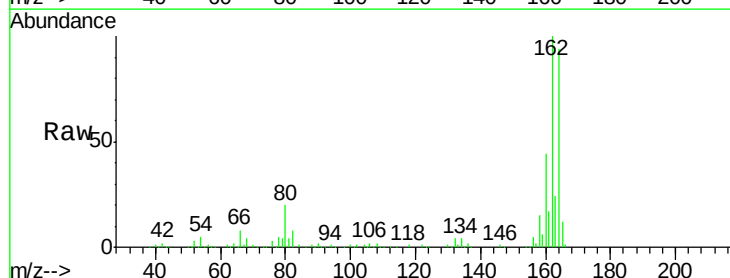


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

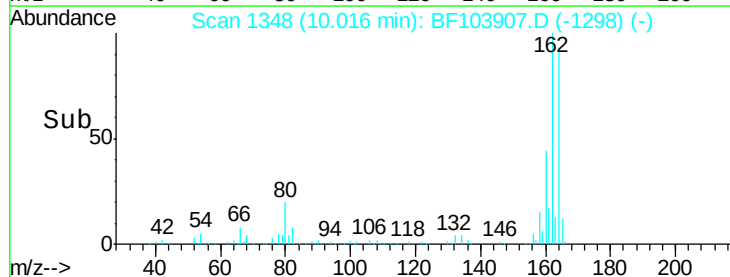
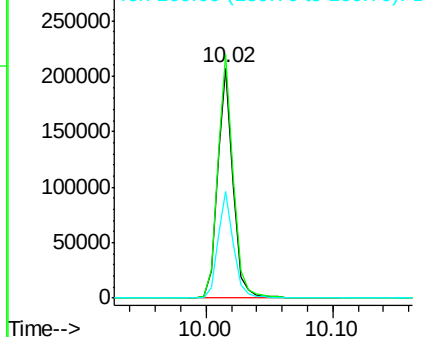


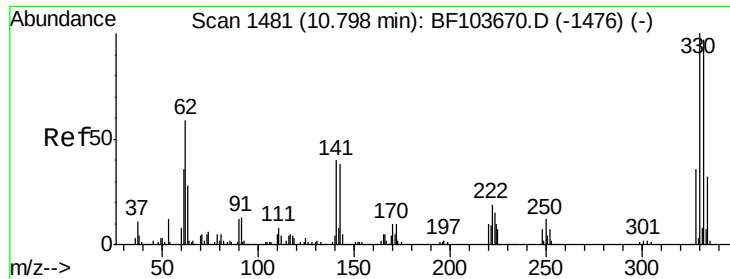
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103907.D
 Acq: 24 Mar 2018 3:59

Tgt Ion	164	Resp	178444
Ion Ratio	Lower	Upper	
164	100		
162	106.0	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: 97.687 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

Instrument :

BNA_F

ClientSampleId :

032018-JETT-F-D-M

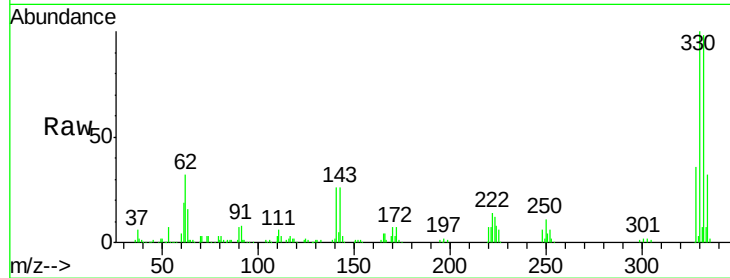
Tot Ion:330 Resp: 149878

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

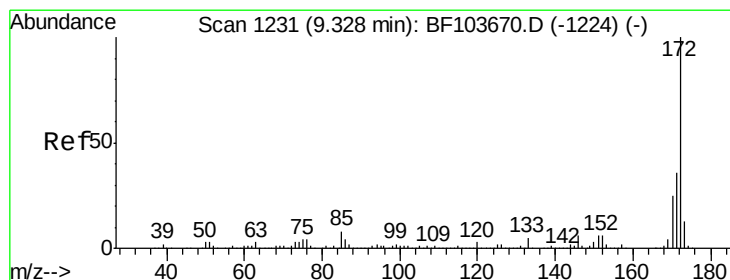
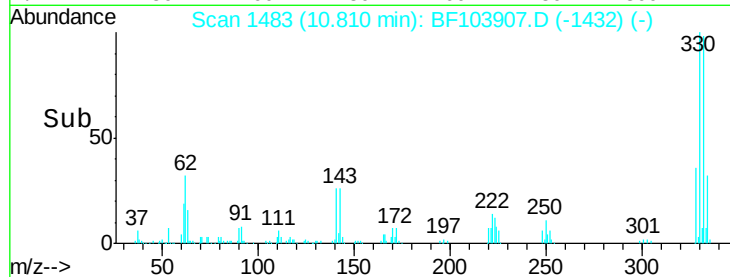
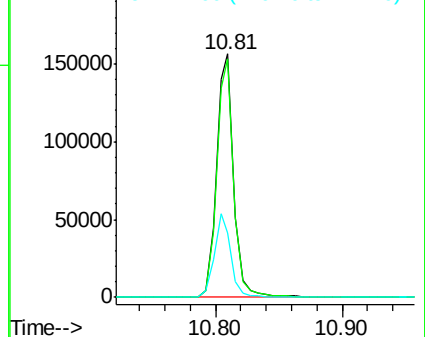
141 33.2 29.9 44.9



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: 107.897 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

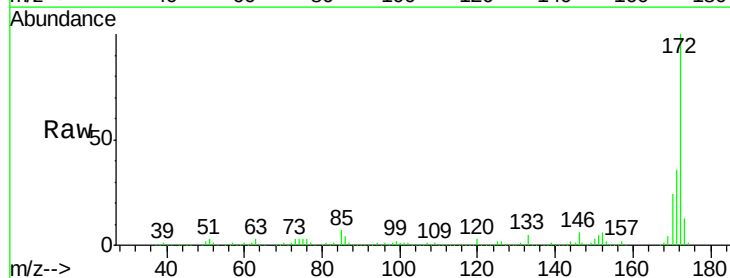
Tgt Ion:172 Resp: 1207009

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

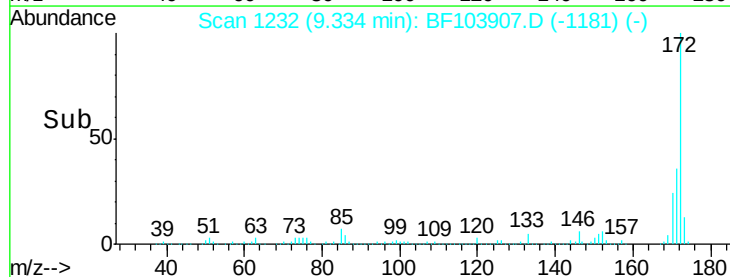
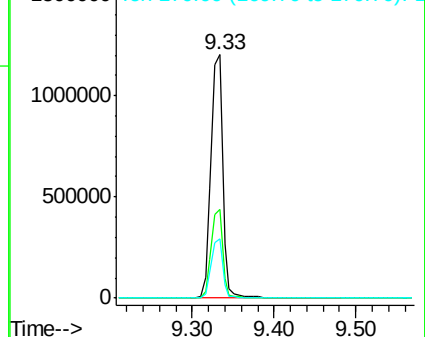
170 24.2 19.6 29.4

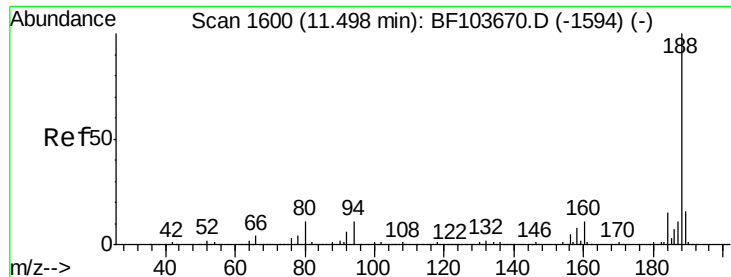


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

Instrument :

BNA_F

ClientSampleId :

032018-JETT-F-D-M

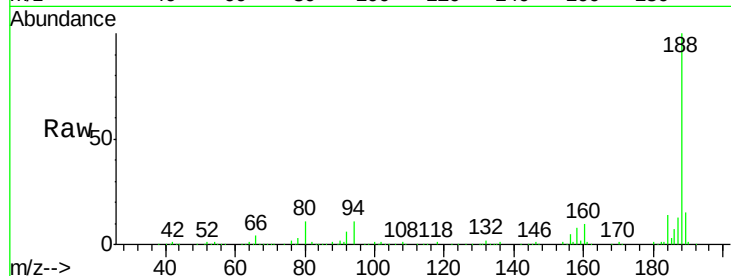
Tot Ion:188 Resp: 279245

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

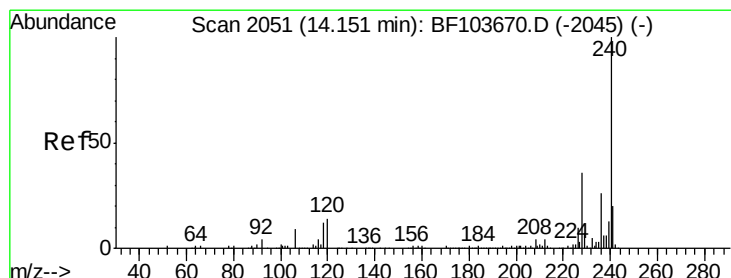
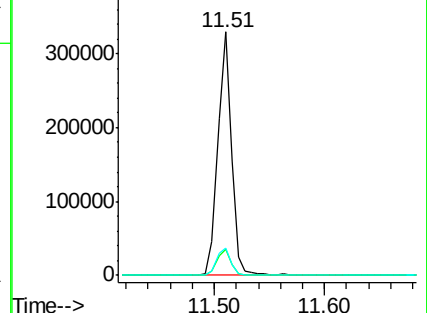
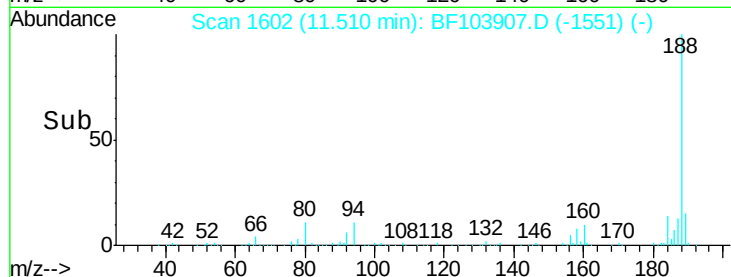
80 11.1 9.2 13.8



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# 2053

Delta R.T. -0.01 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

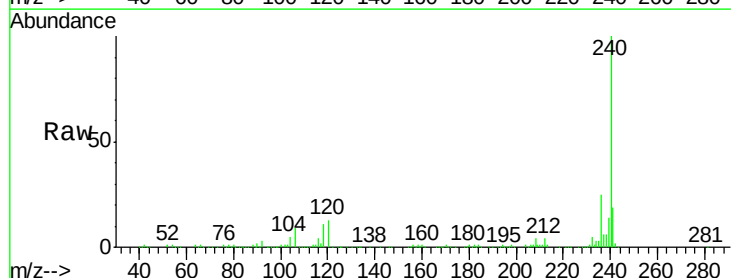
Tgt Ion:240 Resp: 250835

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

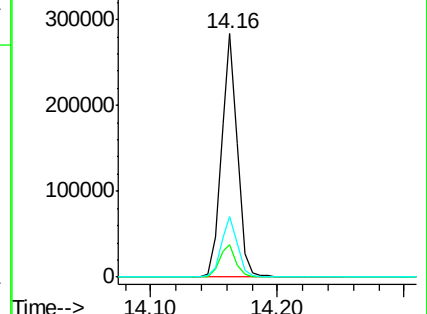
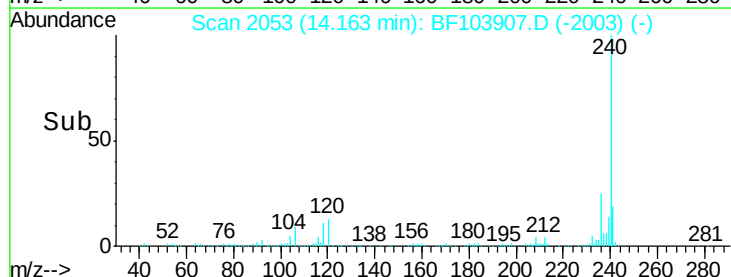
236 24.7 20.7 31.1

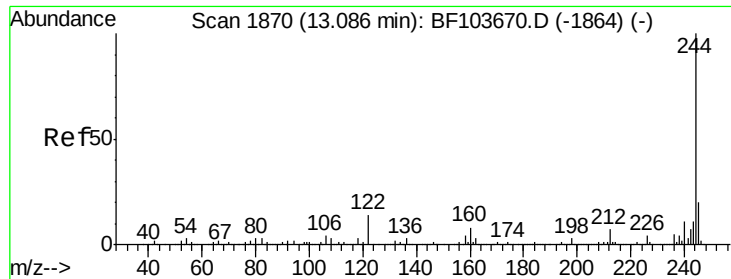


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.170 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

Instrument :

BNA_F

ClientSampleId :

032018-JETT-F-D-M

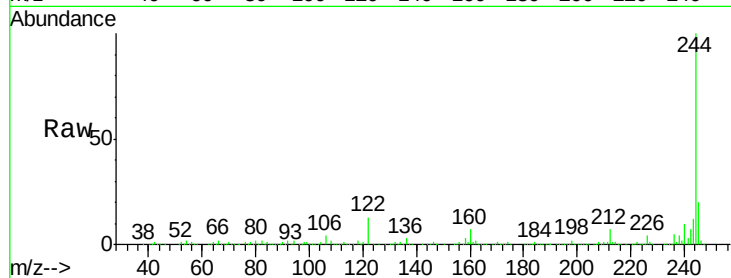
Tot Ion:244 Resp: 963620

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

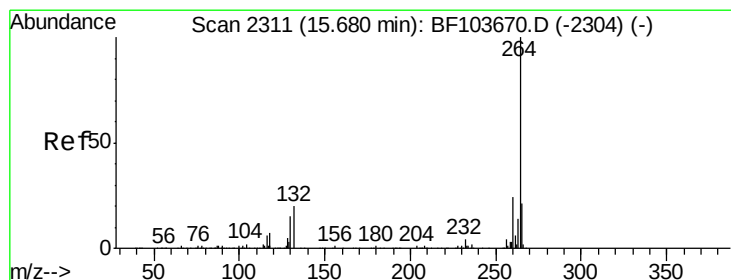
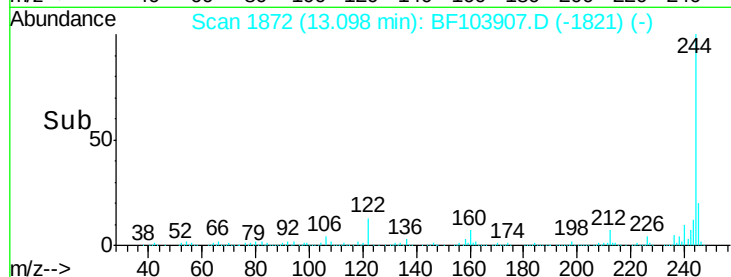
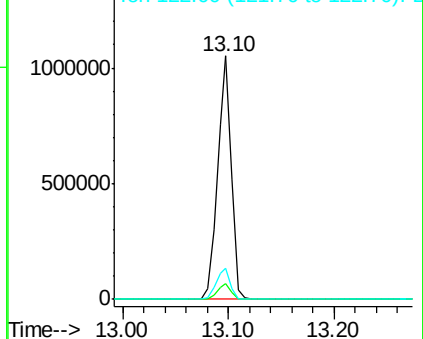
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103907.D

Acq: 24 Mar 2018 3:59

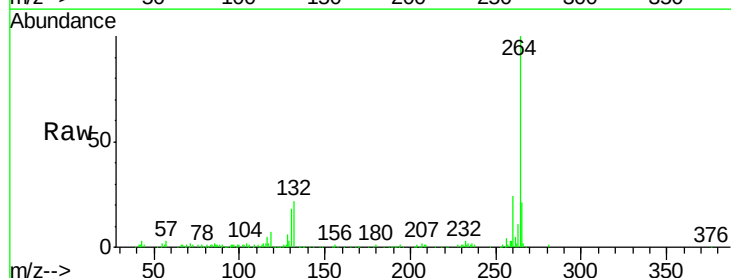
Tgt Ion:264 Resp: 180688

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

