

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104971.D
 Acq On : 1 May 2018 9:08
 Operator : JU/SJ
 Sample : J2617-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-JETB-E-U-M

Quant Time: May 01 11:32:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121749	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499473	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	212715	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	334958	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	233878	20.00	ng	-0.01
86) Perylene-d12	15.42	264	185224	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	295517	37.11	ng	0.00
7) Phenol-d6	6.42	99	218710	22.36	ng	-0.02
23) Nitrobenzene-d5	7.36	82	682164	89.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	160994	72.96	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1158956	86.07	ng	0.00
78) Terphenyl-d14	12.90	244	876447	85.44	ng	-0.01

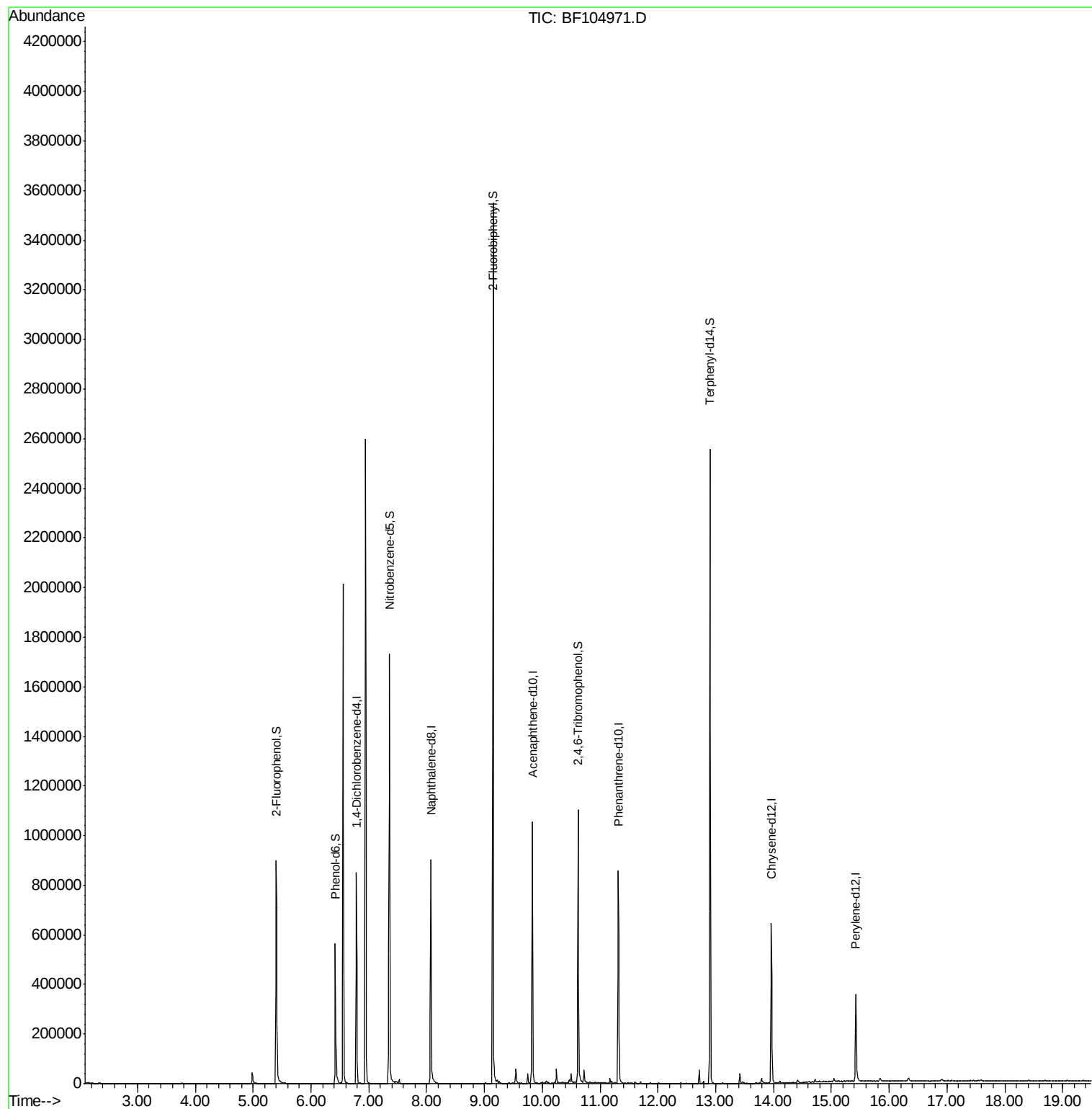
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

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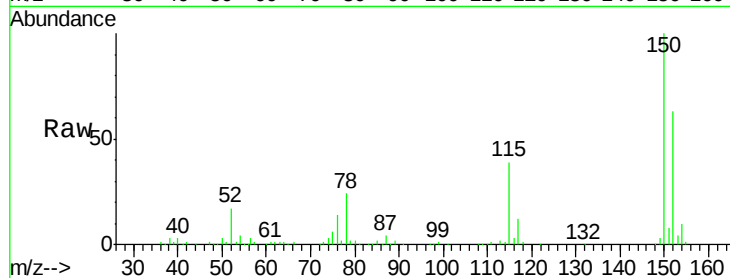
Tot Ion:152 Resp: 121749

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

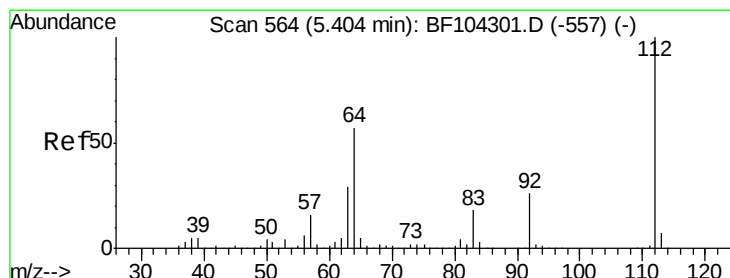
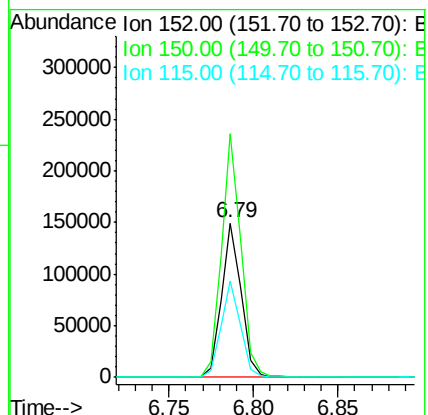
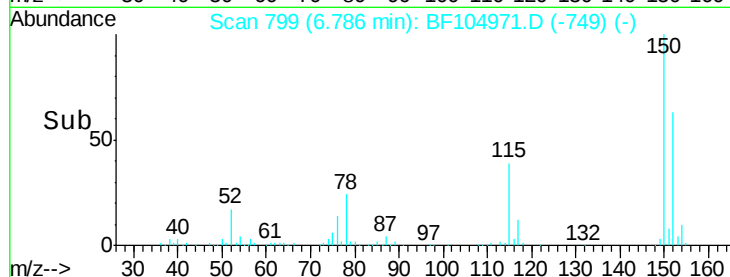
115 62.3 50.1 75.1



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: 37.114 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

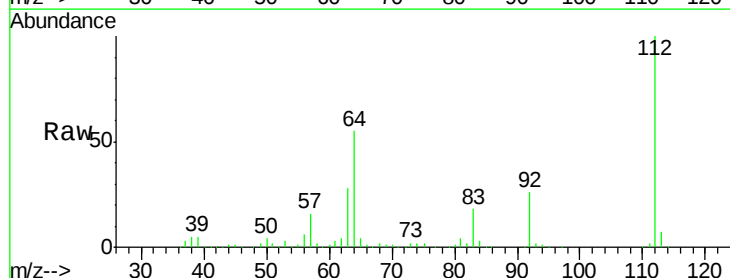
Tgt Ion:112 Resp: 295517

Ion Ratio Lower Upper

112 100

64 54.6 47.9 71.9

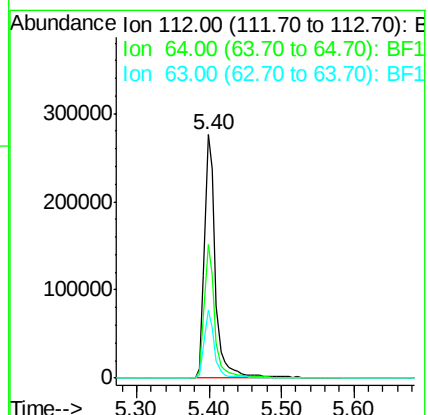
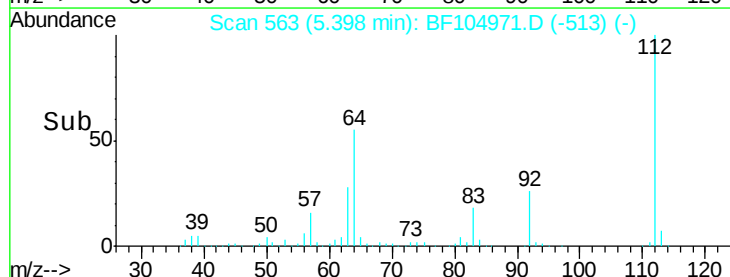
63 28.2 23.7 35.5



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: 22.356 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

042618-JETB-E-U-M

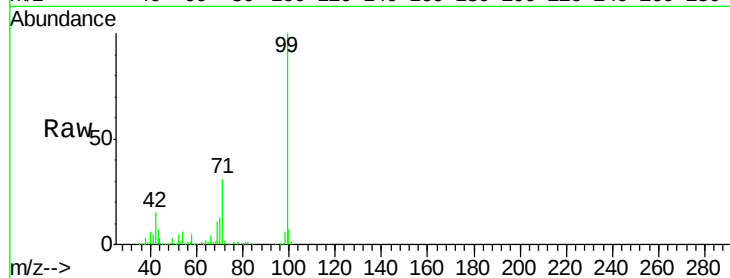
Tot Ion: 99 Resp: 218710

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

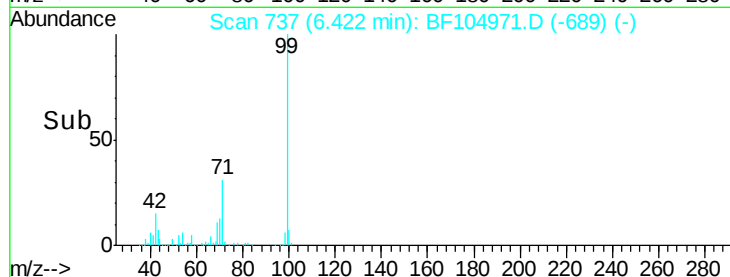
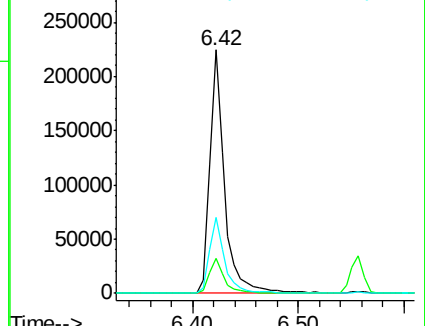
71 31.2 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Tgt Ion: 136 Resp: 499473

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.7 6.6 9.8#

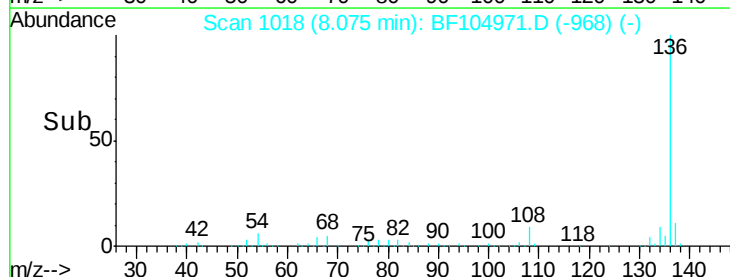
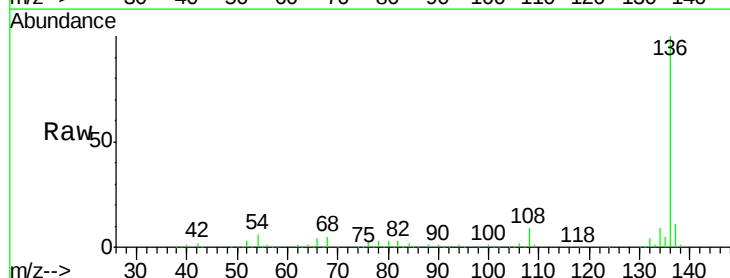
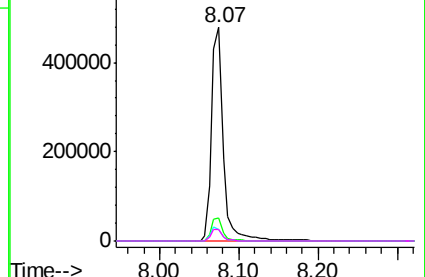
68 5.2 5.0 7.4

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

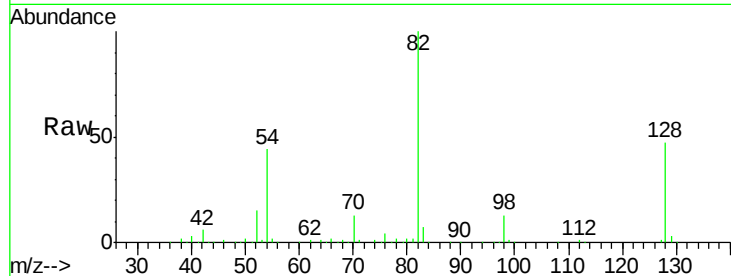




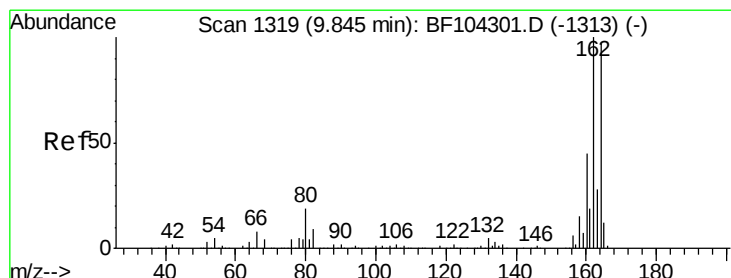
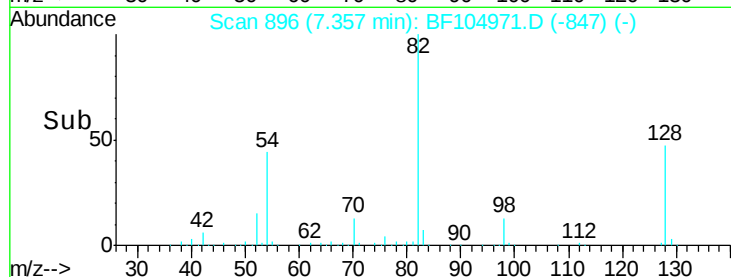
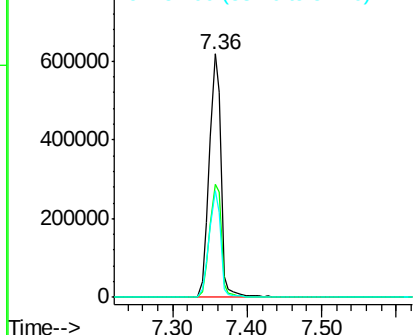
#23
 Nitrobenzene-d5
 Concen: 89.182 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :
 042618-JETB-E-U-M

Tot Ion: 82 Resp: 682164
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 44.0 41.4 62.2

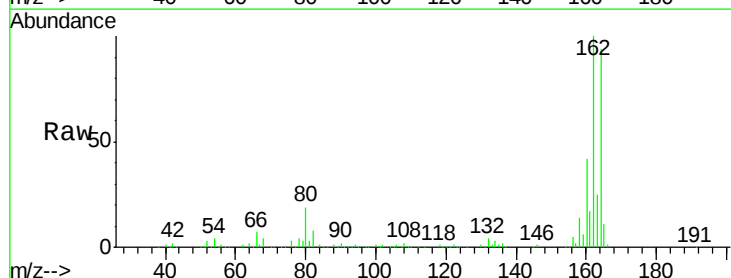


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

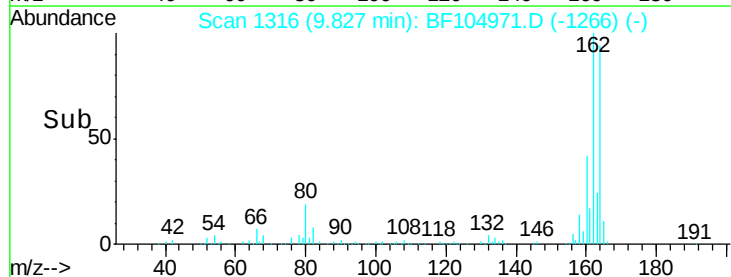
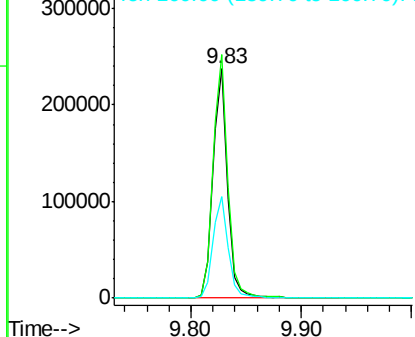


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Tgt Ion:164 Resp: 212715
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 44.5 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

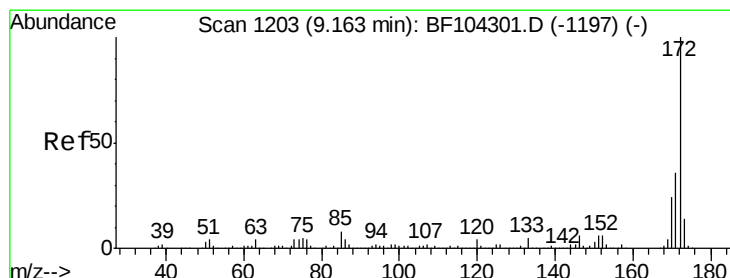
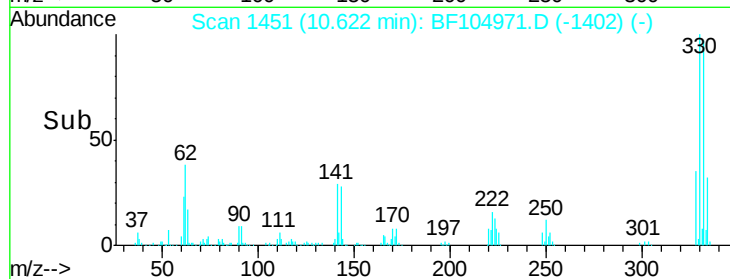
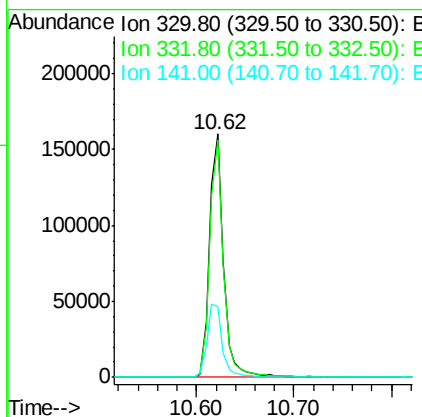
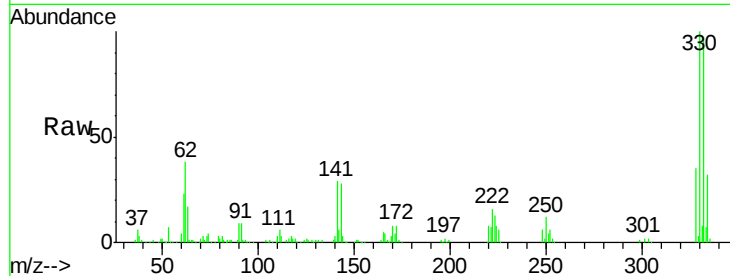




#41
 2,4,6-Tribromophenol
 Concen: 72.962 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

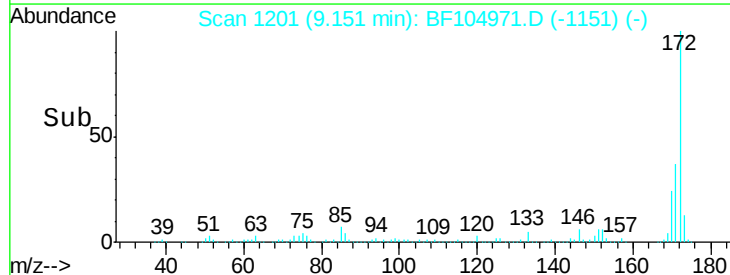
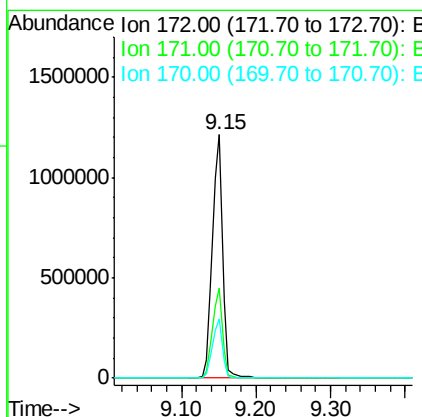
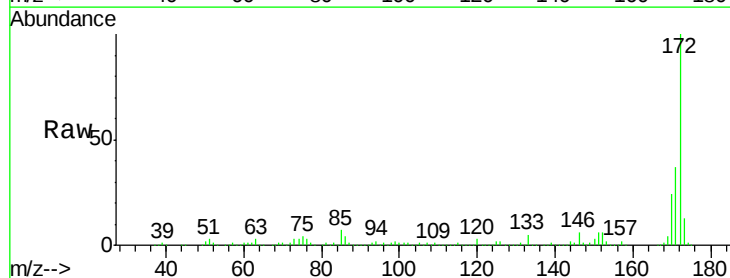
Instrument :
 BNA_F
 ClientSampleId :
 042618-JETB-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.071 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.1	19.6	29.4

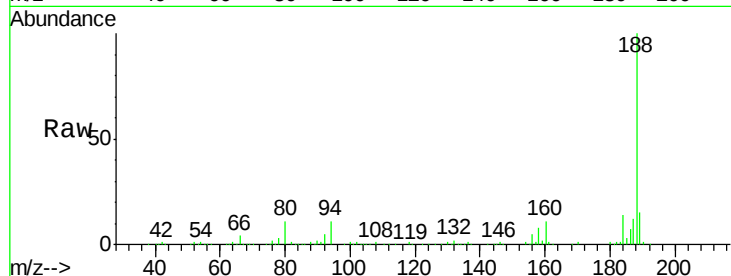




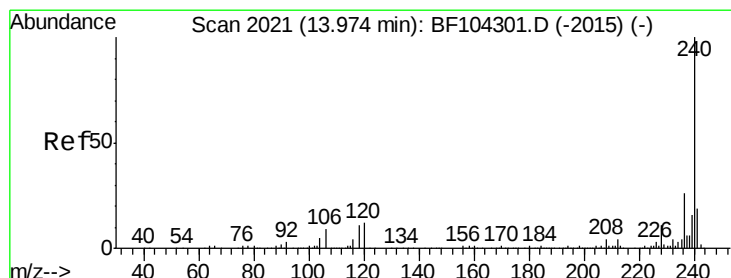
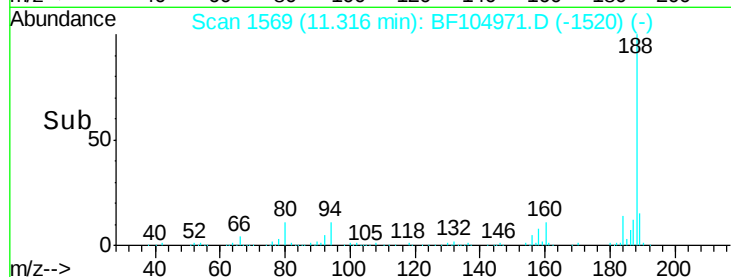
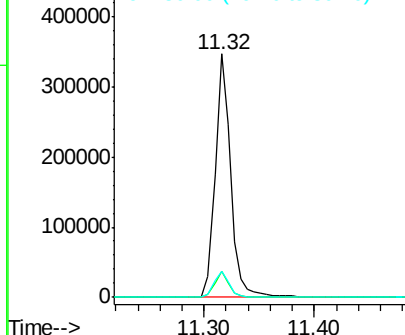
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :
042618-JETB-E-U-M

Tot Ion:188 Resp: 334958
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8

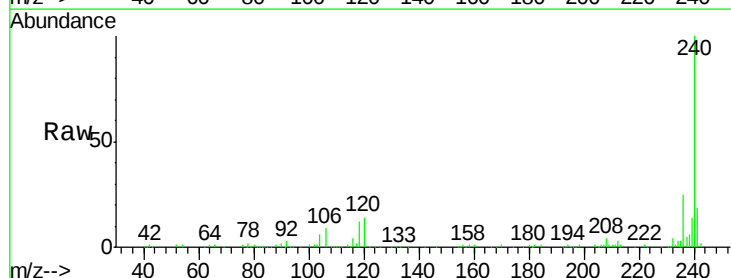


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

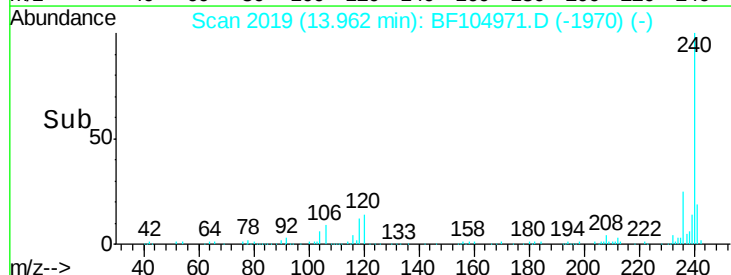
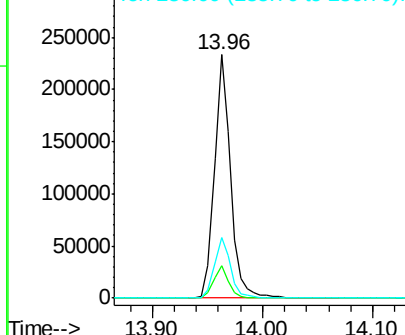


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Tgt Ion:240 Resp: 233878
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 24.9 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: 85.436 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

042618-JETB-E-U-M

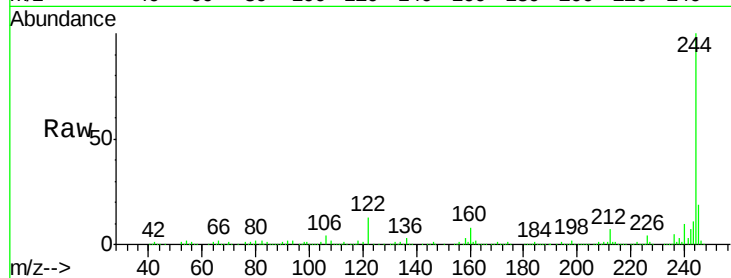
Tot Ion:244 Resp: 876447

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

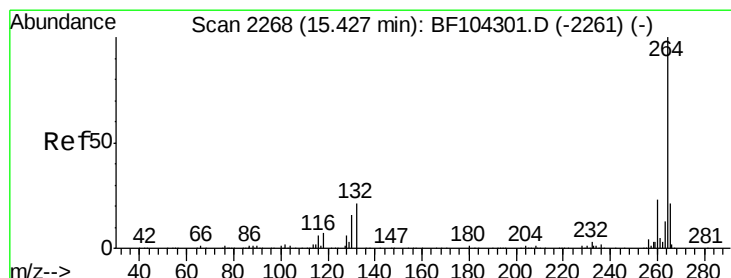
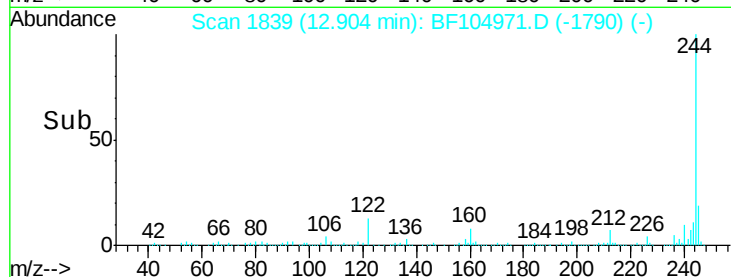
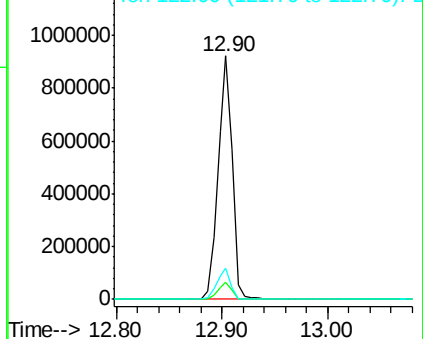
122 12.8 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

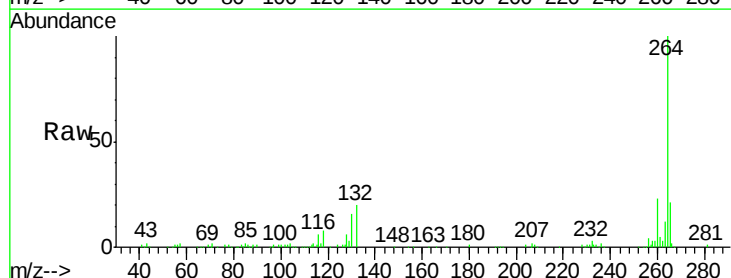
Tgt Ion:264 Resp: 185224

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

