

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104342.D
 Acq On : 7 Apr 2018 7:39
 Operator : JU/SJ
 Sample : J2225-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-D-B

Quant Time: Apr 09 01:01:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142571	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	560878	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	245355	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	365121	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278181	20.00	ng	0.00
86) Perylene-d12	15.42	264	255136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	349639	37.50	ng	0.00
7) Phenol-d6	6.42	99	262245	22.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	800585	93.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	191103	75.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1349857	86.91	ng	0.00
78) Terphenyl-d14	12.92	244	1017257	83.37	ng	0.00

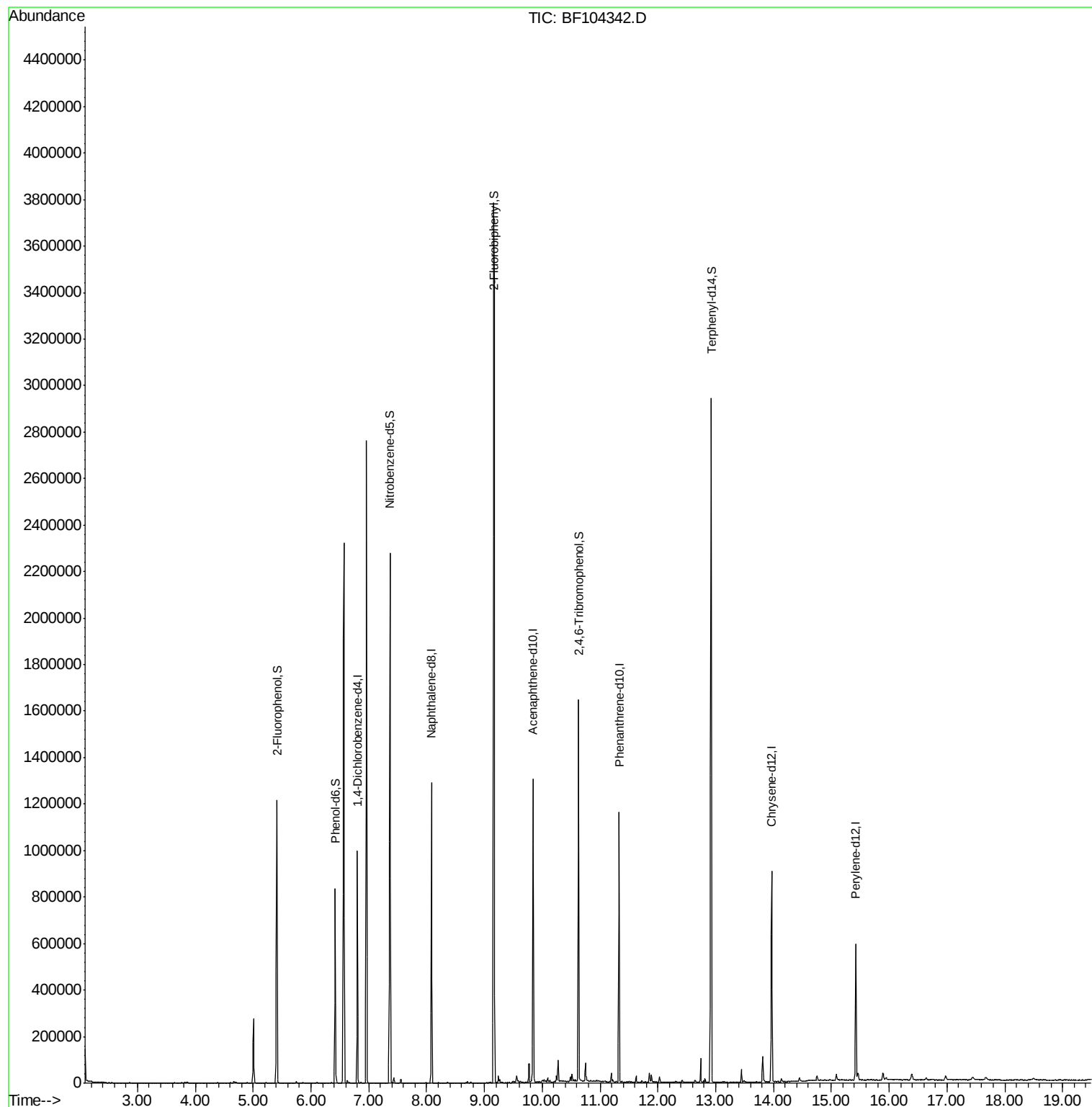
Target Compounds Qvalue

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

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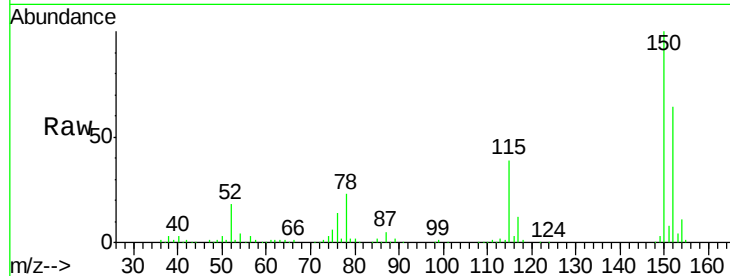


#1

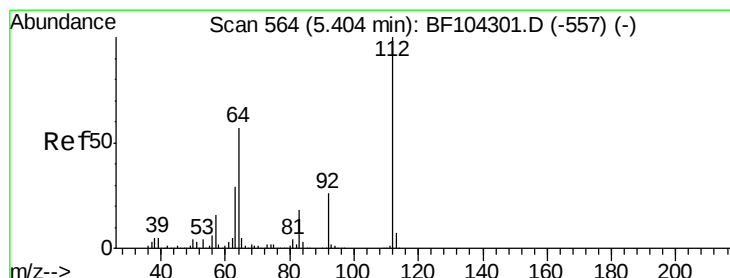
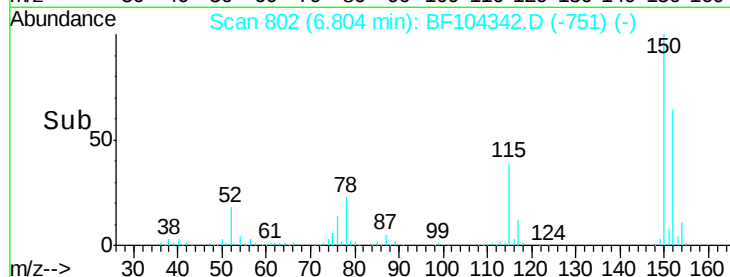
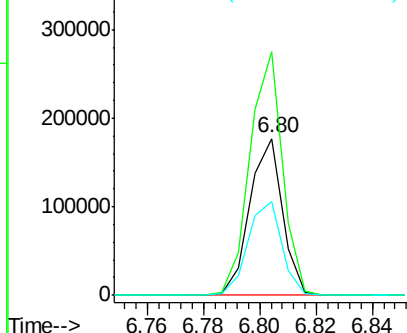
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF104342.D
 Acq: 7 Apr 2018 7:39

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-D-B

Tot Ion:152 Resp: 142571
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 60.2 50.1 75.1



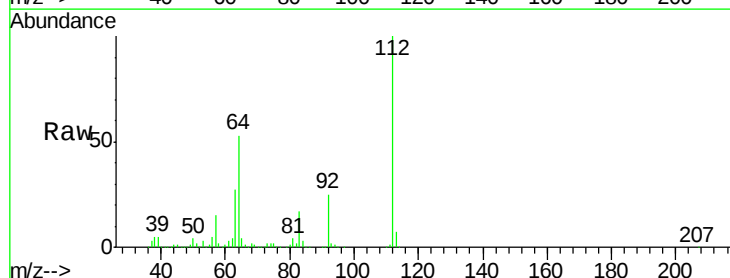
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



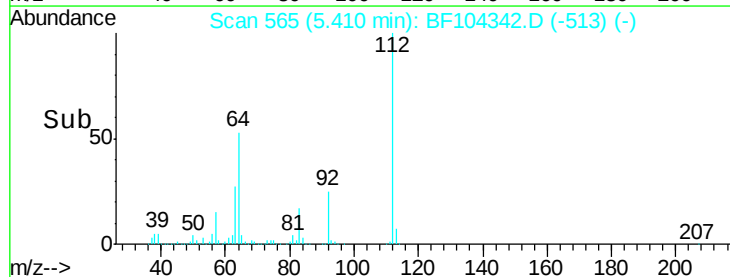
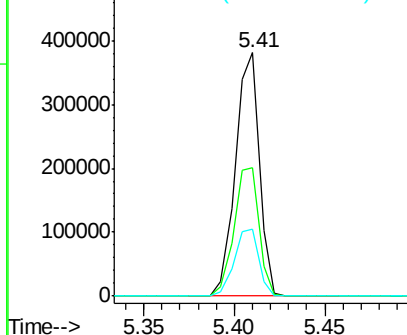
#5

2-Fluorophenol
 Concen: 37.498 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104342.D
 Acq: 7 Apr 2018 7:39

Tgt Ion:112 Resp: 349639
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 27.3 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: 22.891 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

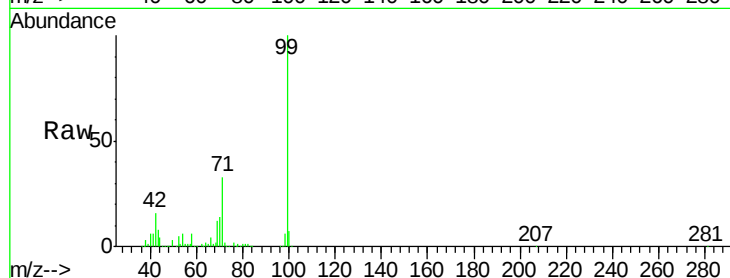
Tot Ion: 99 Resp: 262245

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

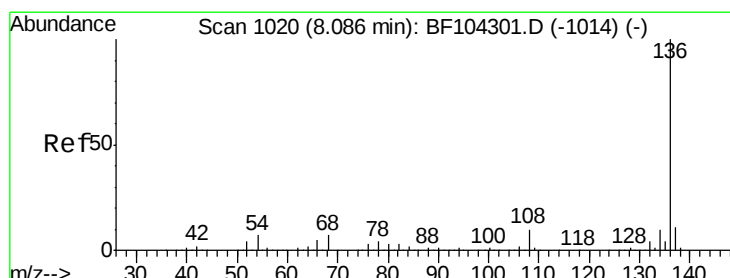
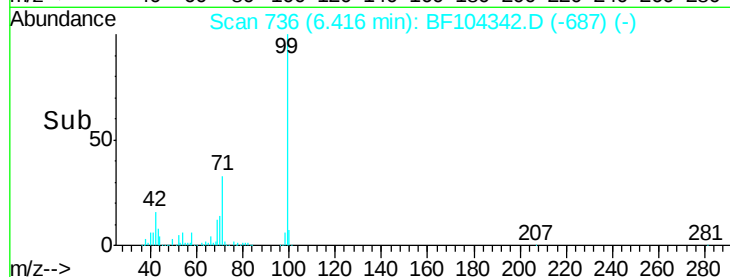
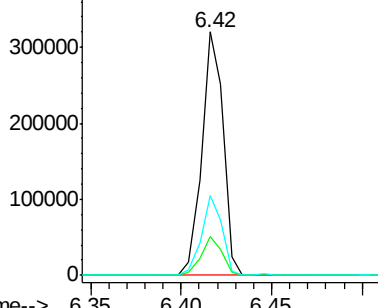
71 33.0 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Tgt Ion: 136 Resp: 560878

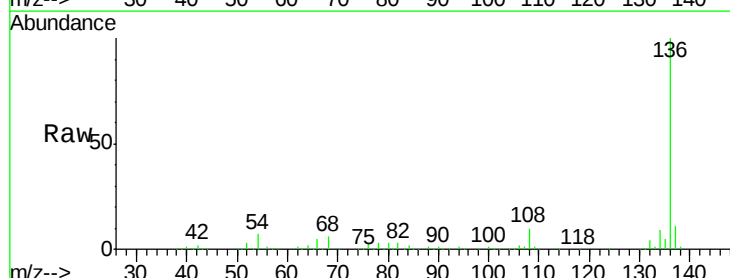
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

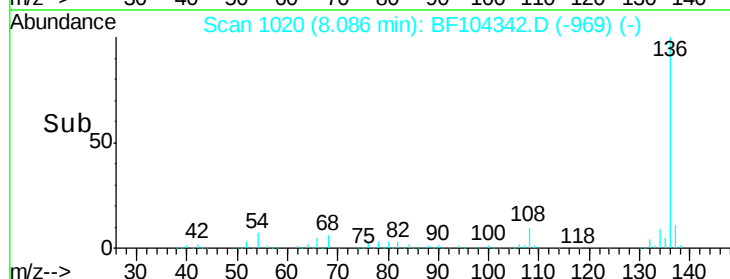
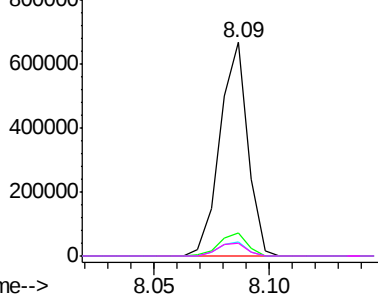


Abundance Ion 136.00 (135.70 to 136.70): E

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

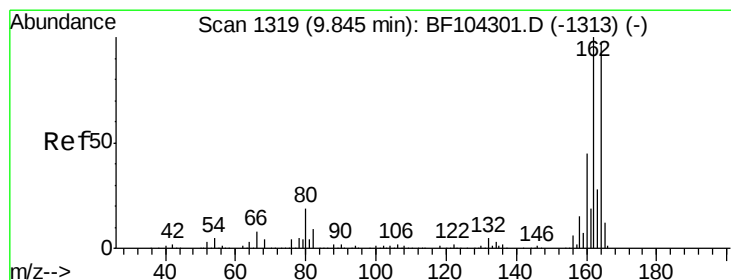
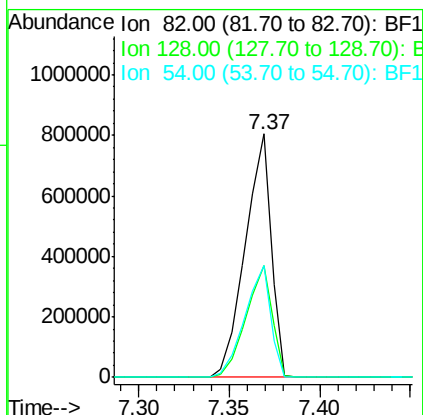
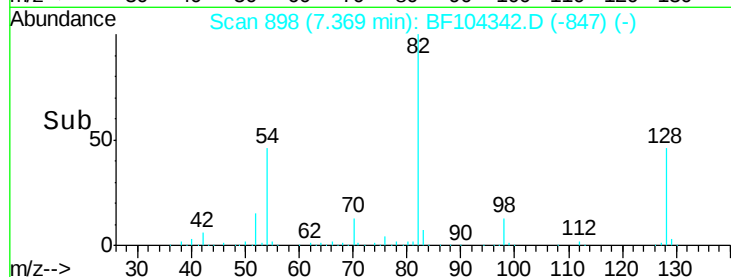
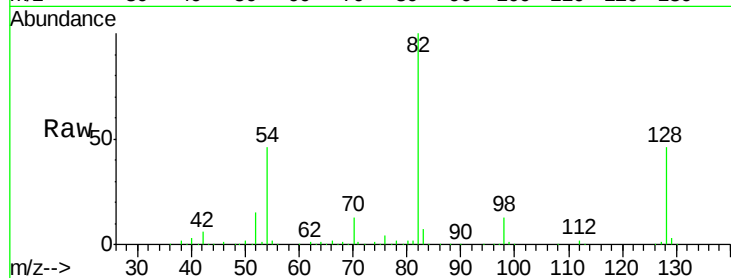




#23
Nitrobenzene-d5
Concen: 93.205 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

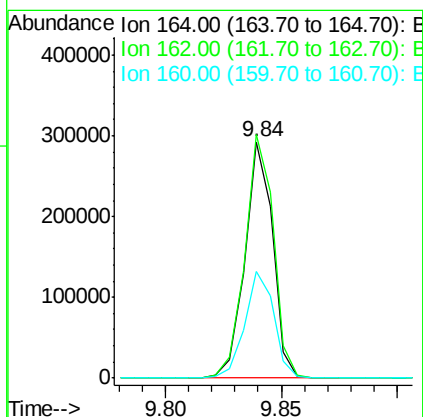
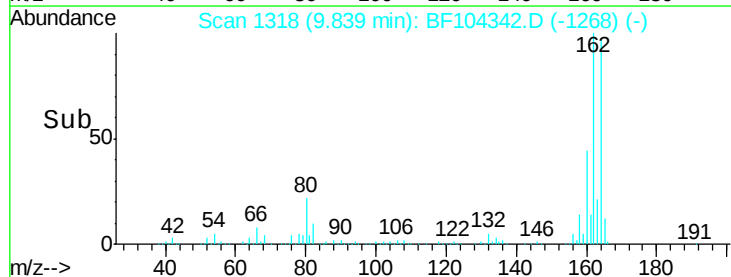
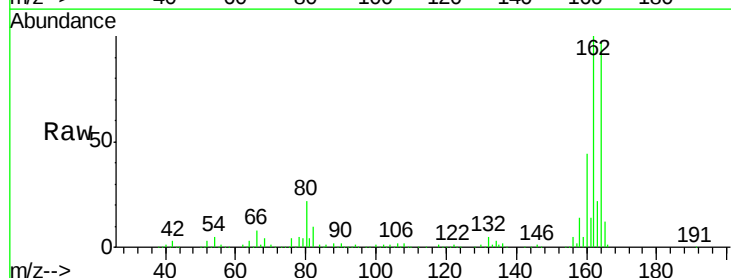
Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-B

Tot Ion: 82 Resp: 800585
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 45.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Tgt Ion:164 Resp: 245355
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 75.086 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

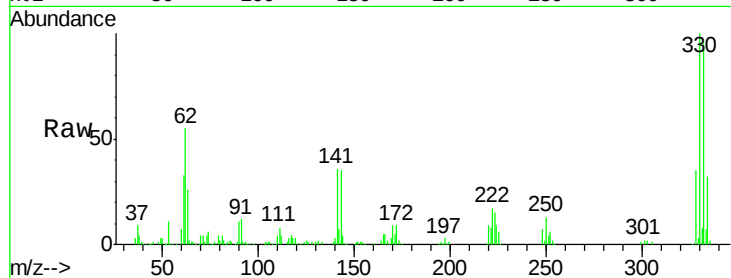
Tot Ion:330 Resp: 191103

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

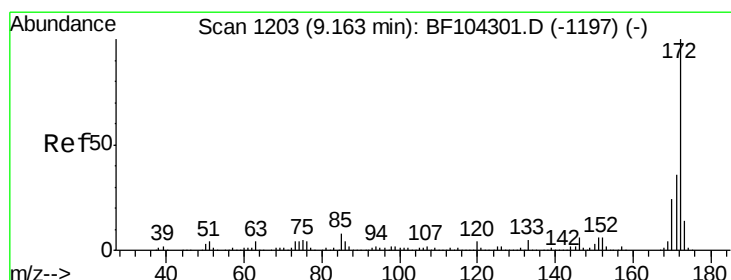
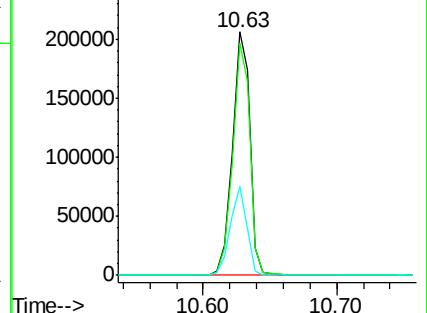
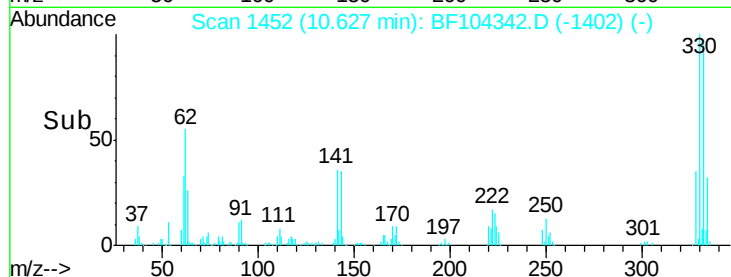
141 34.6 29.9 44.9



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: 86.912 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

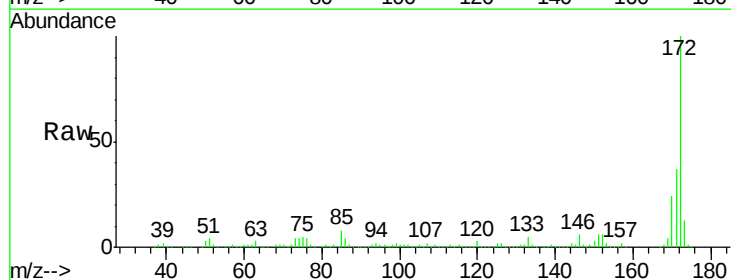
Tgt Ion:172 Resp: 1349857

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

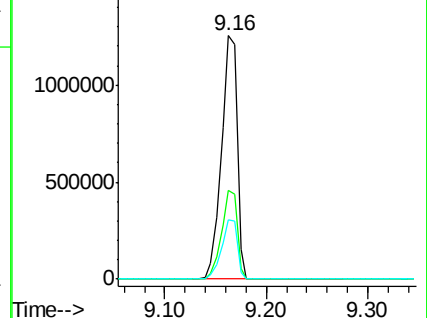
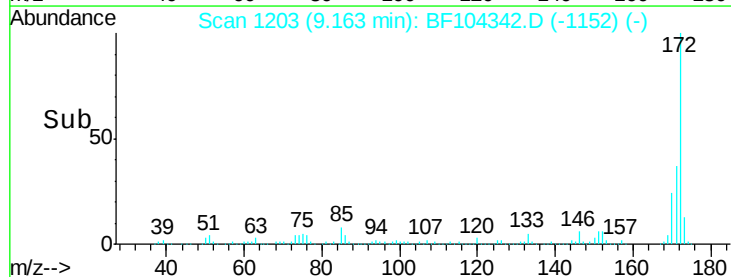
170 24.2 19.6 29.4



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

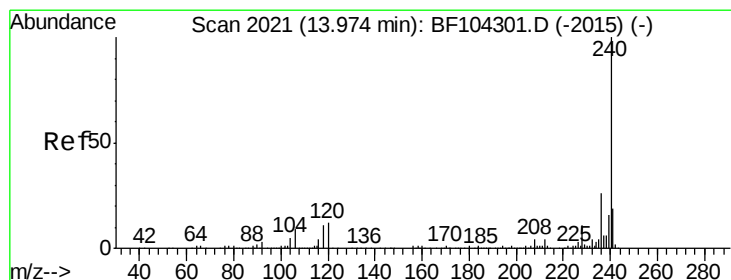
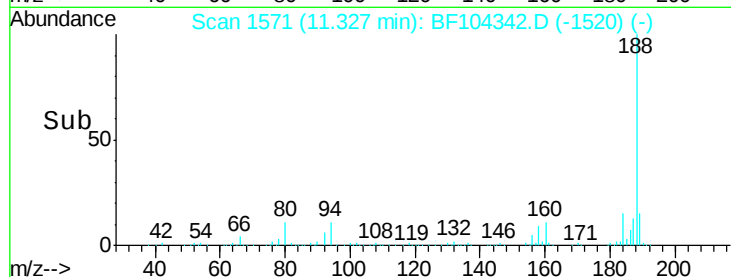
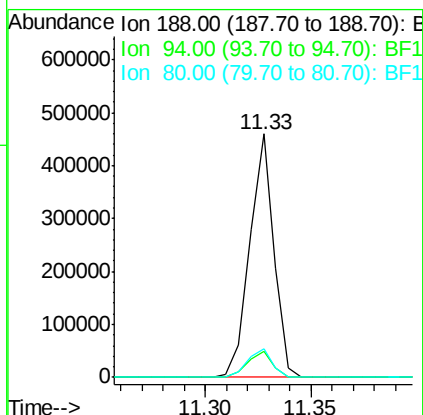
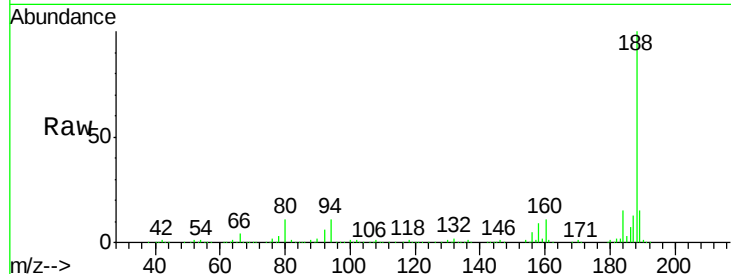




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

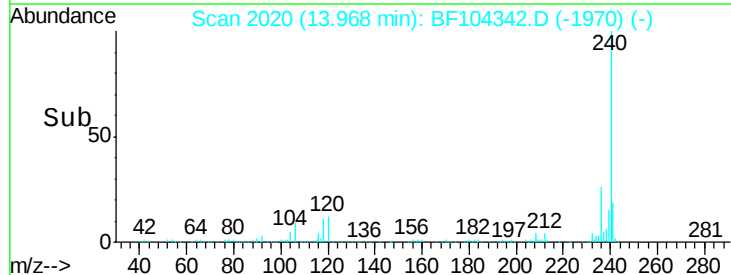
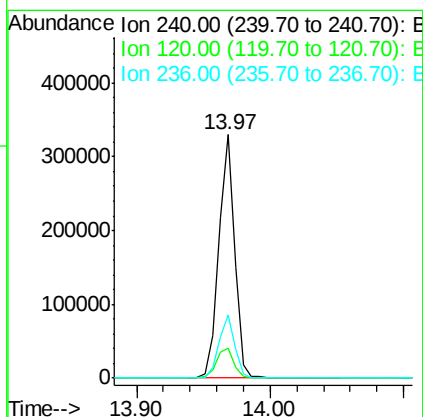
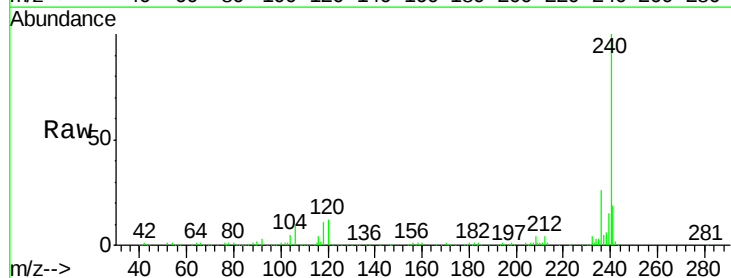
Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-B

Tot Ion:188 Resp: 365121
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104342.D
Acq: 7 Apr 2018 7:39

Tgt Ion:240 Resp: 278181
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 83.369 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-D-B

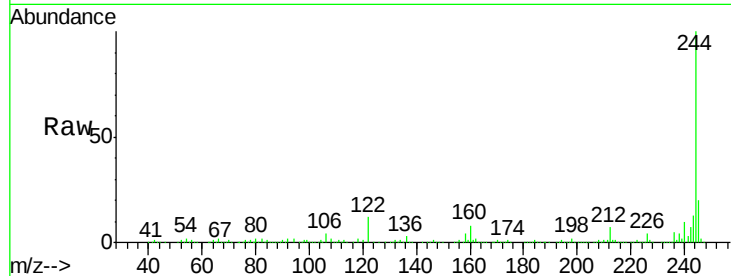
Tot Ion:244 Resp: 1017257

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

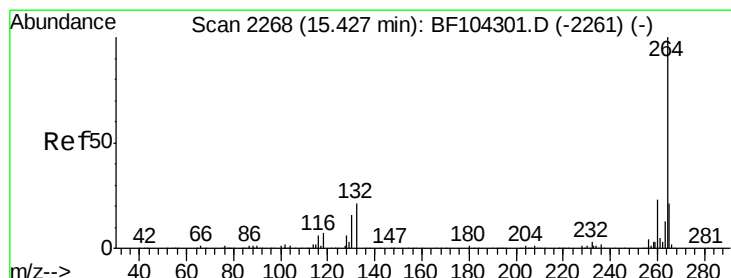
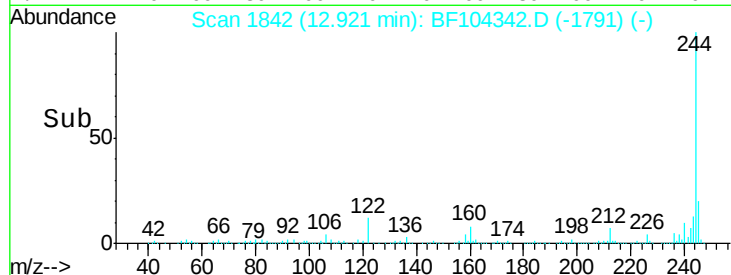
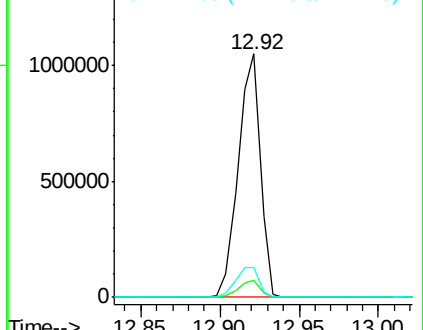
122 12.4 11.0 16.4



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. -0.01 min

Lab File: BF104342.D

Acq: 7 Apr 2018 7:39

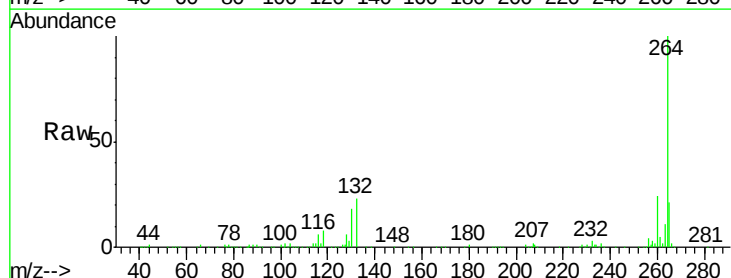
Tgt Ion:264 Resp: 255136

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 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

