

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104511.D
 Acq On : 14 Apr 2018 7:58
 Operator : JU/SJ
 Sample : J2368-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-JETB-E-U-M

Quant Time: Apr 16 00:55:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	117998	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	465349	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	196783	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	286179	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	221418	20.00	ng	-0.01
86) Perylene-d12	15.44	264	168988	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	328498	42.57	ng	0.00
7) Phenol-d6	6.44	99	265429	27.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	706014	99.07	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	153480	75.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1233894	99.06	ng	0.00
78) Terphenyl-d14	12.93	244	873194	89.91	ng	0.00

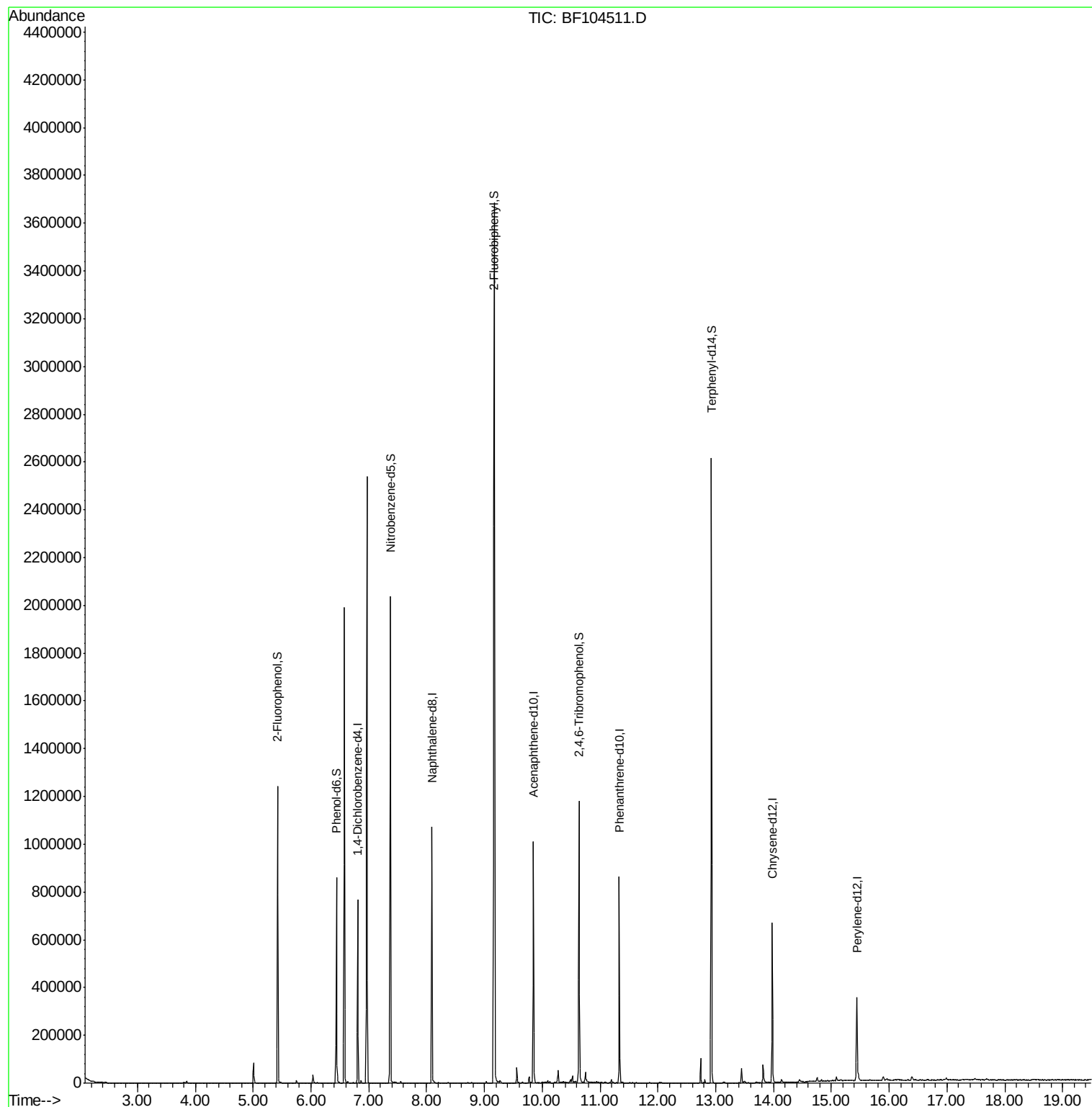
Target Compounds Qvalue

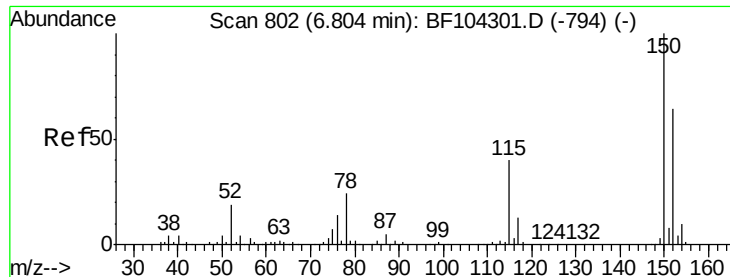
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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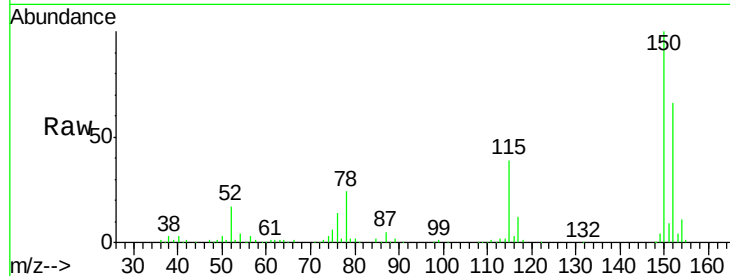


#1

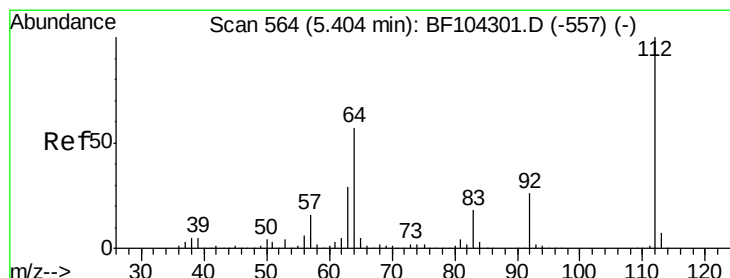
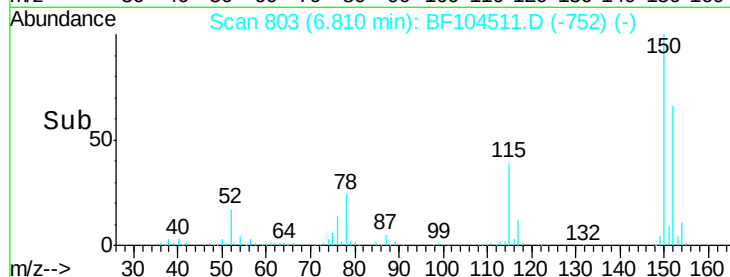
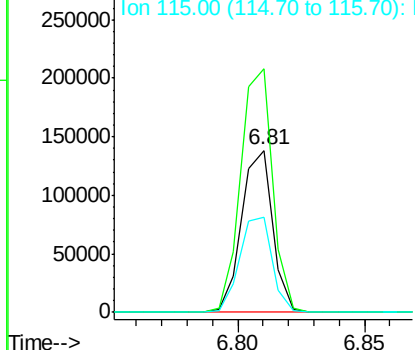
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104511.D
Acq: 14 Apr 2018 7:58

Instrument :
BNA_F
ClientSampleId :
041118-JETB-E-U-M

Tot Ion:152 Resp: 117998
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 58.9 50.1 75.1



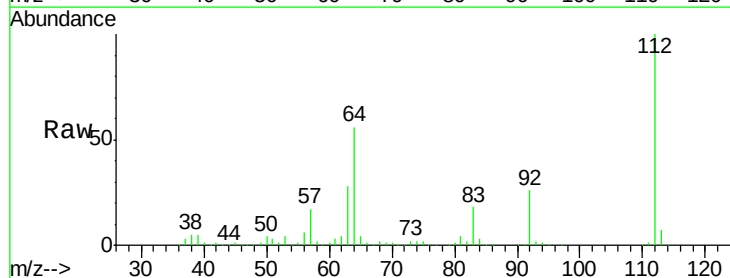
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



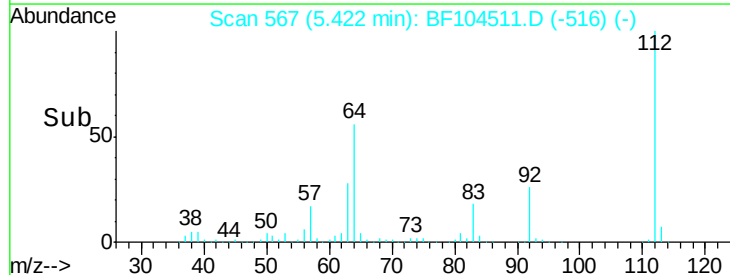
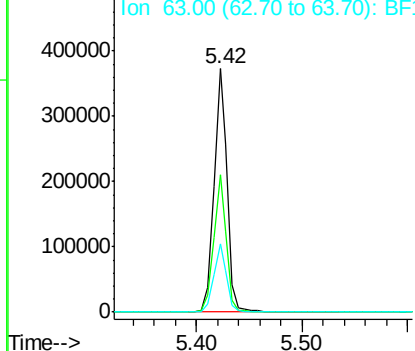
#5

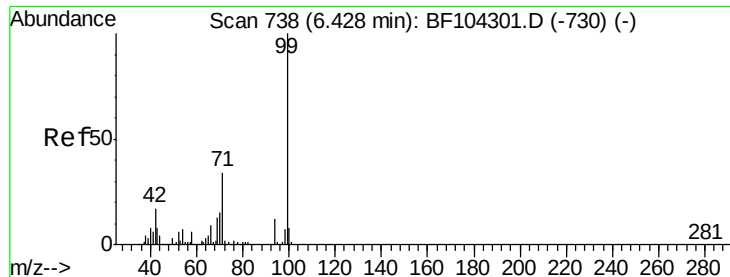
2-Fluorophenol
Concen: 42.568 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104511.D
Acq: 14 Apr 2018 7:58

Tgt Ion:112 Resp: 328498
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.1 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: 27.994 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104511.D

Acq: 14 Apr 2018 7:58

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-U-M

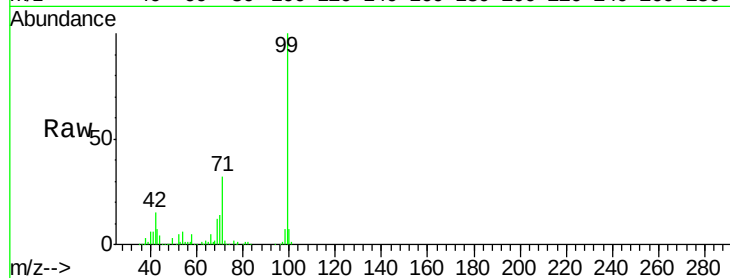
Tot Ion: 99 Resp: 265429

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

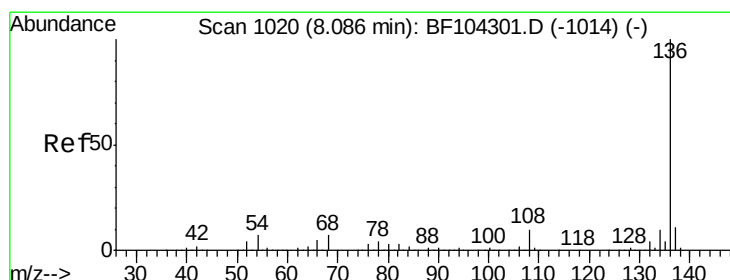
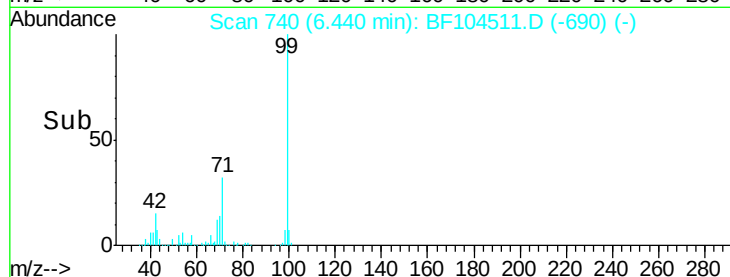
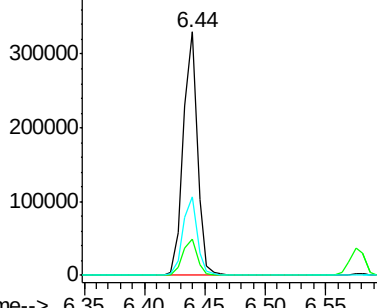
71 32.1 25.4 38.0



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# 1021

Delta R.T. -0.01 min

Lab File: BF104511.D

Acq: 14 Apr 2018 7:58

Tgt Ion: 136 Resp: 465349

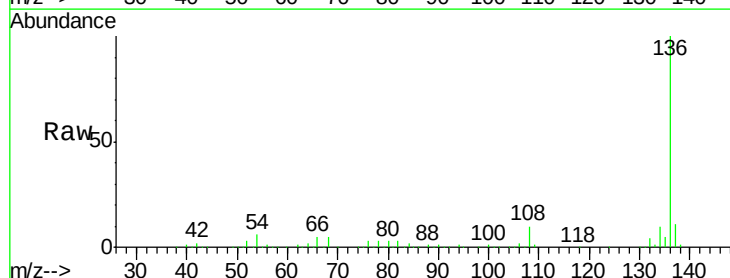
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.3 5.0 7.4

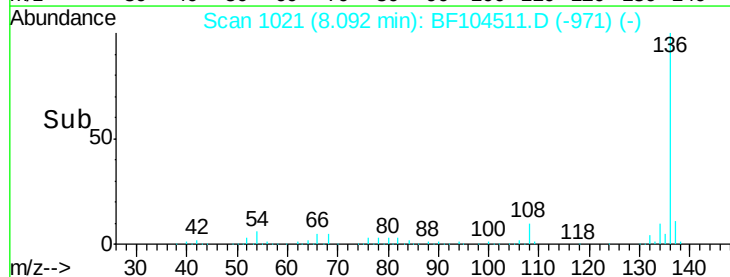
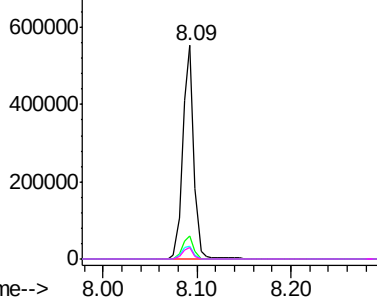


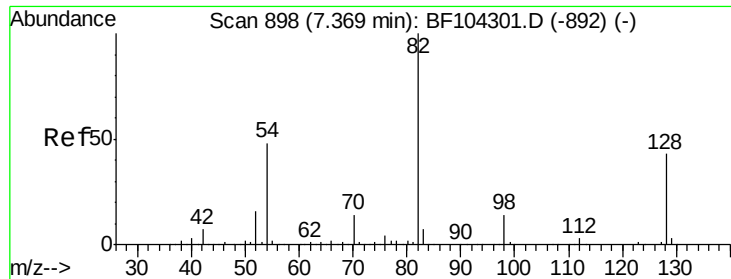
Abundance Ion 136.00 (135.70 to 136.70): E

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

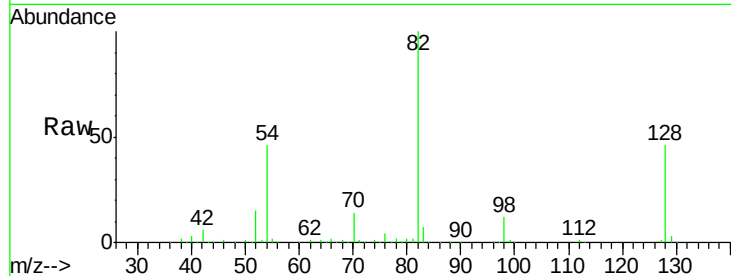




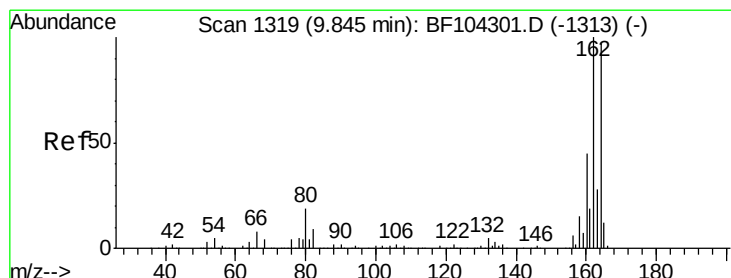
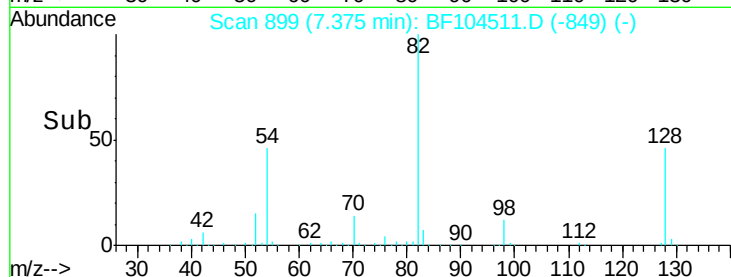
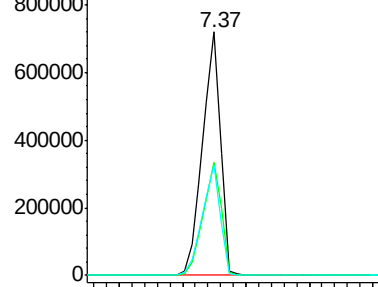
#23
 Nitrobenzene-d5
 Concen: 99.068 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104511.D
 Acq: 14 Apr 2018 7:58

Instrument :
 BNA_F
 ClientSampleId :
 041118-JETB-E-U-M

Tot Ion: 82 Resp: 706014
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 45.6 41.4 62.2

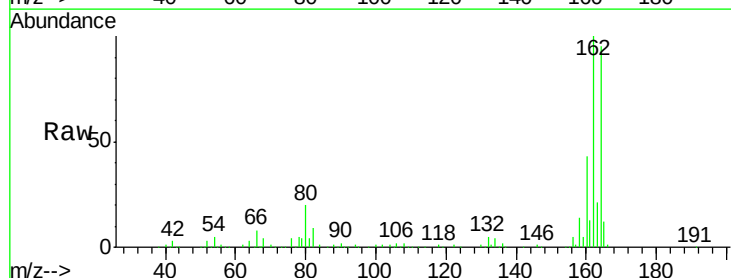


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

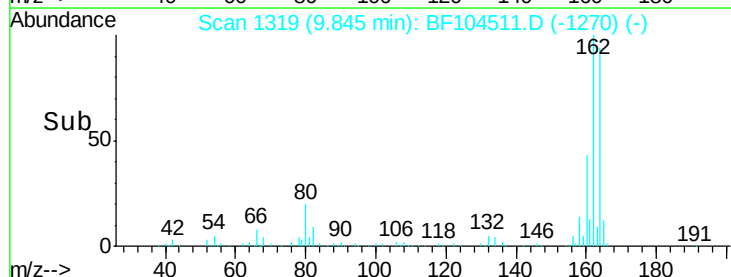
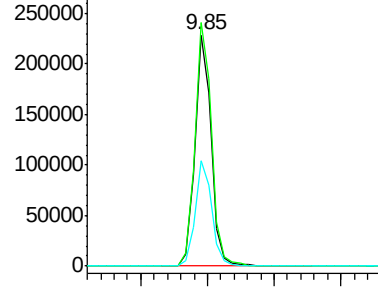


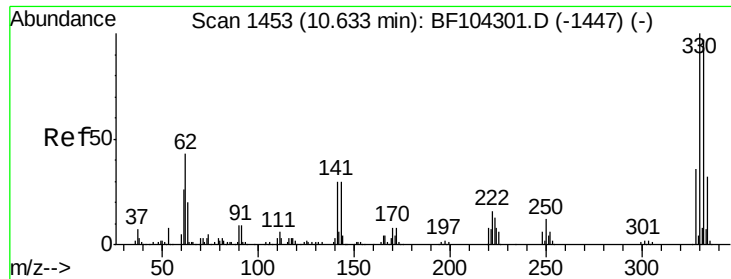
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104511.D
 Acq: 14 Apr 2018 7:58

Tgt Ion:164 Resp: 196783
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 45.7 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

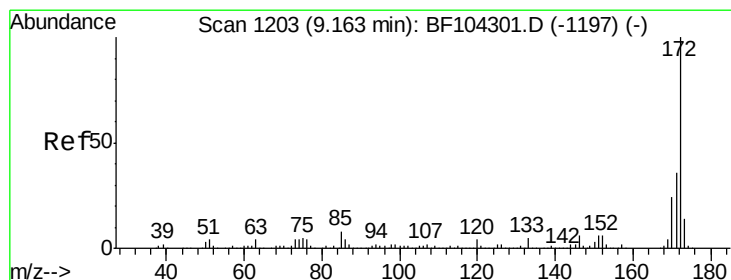
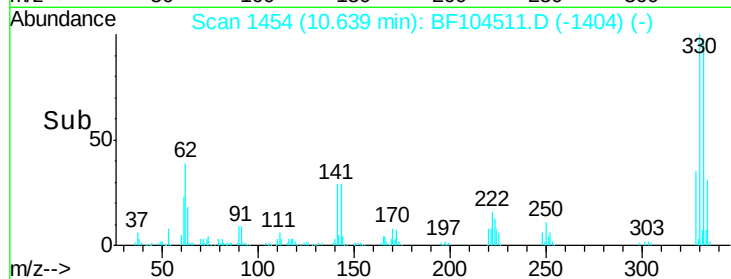
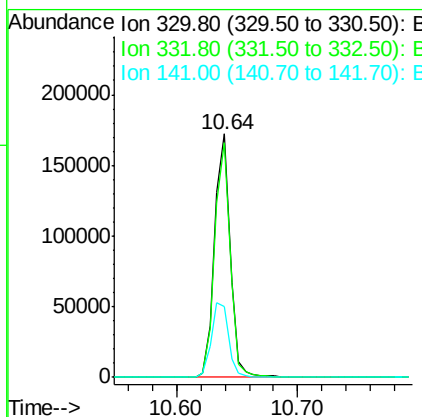
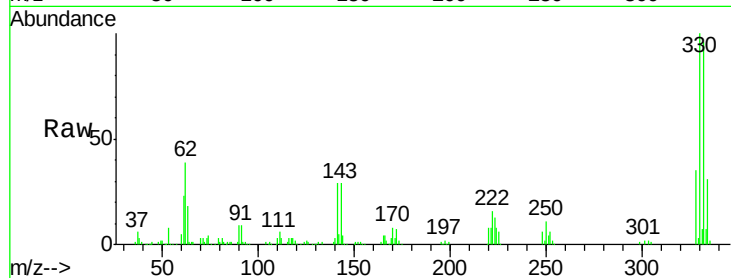




#41
 2,4,6-Tribromophenol
 Concen: 75.188 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104511.D
 Acq: 14 Apr 2018 7:58

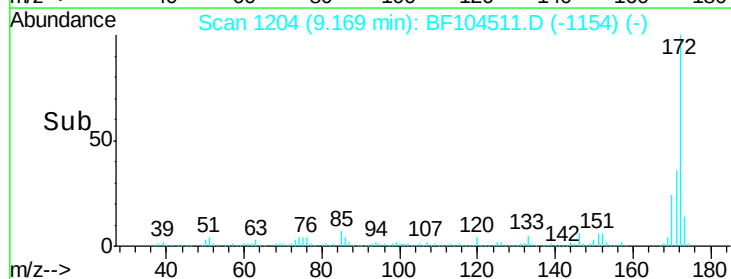
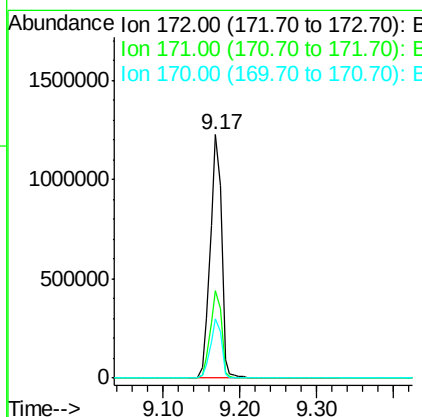
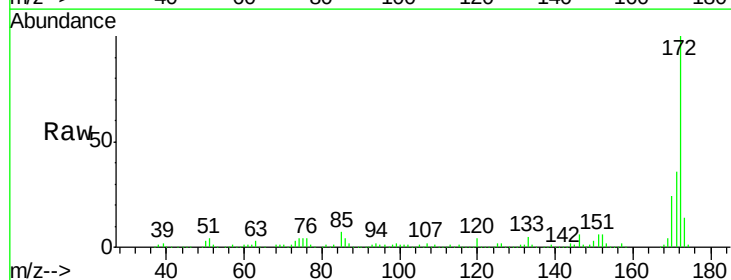
Instrument :
 BNA_F
 ClientSampleId :
 041118-JETB-E-U-M

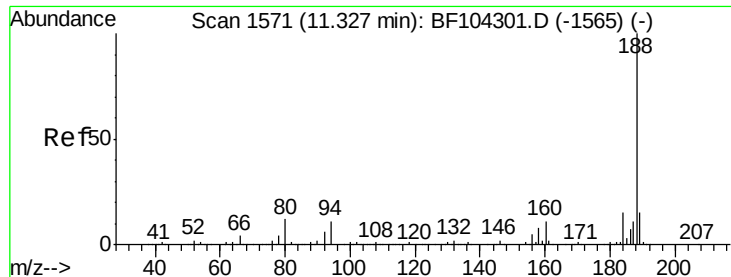
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.056 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104511.D
 Acq: 14 Apr 2018 7:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

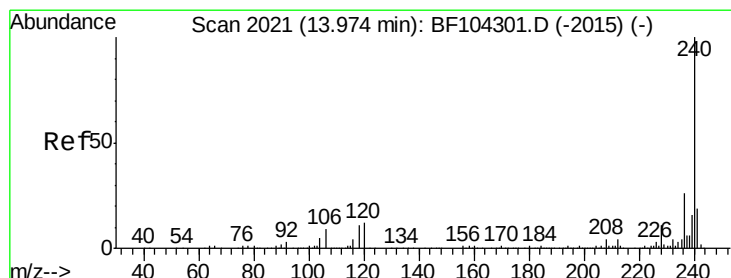
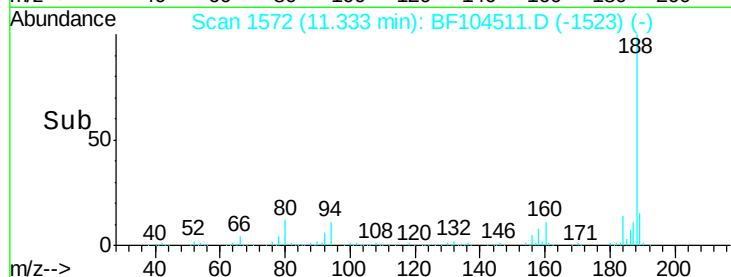
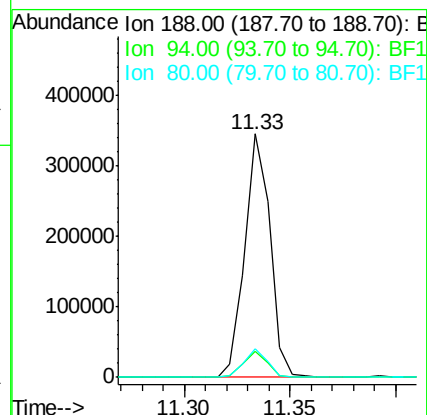
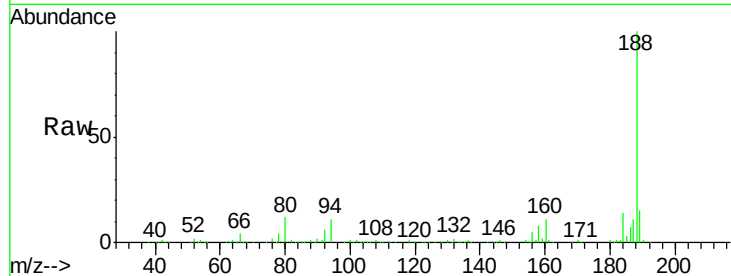




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104511.D
Acq: 14 Apr 2018 7:58

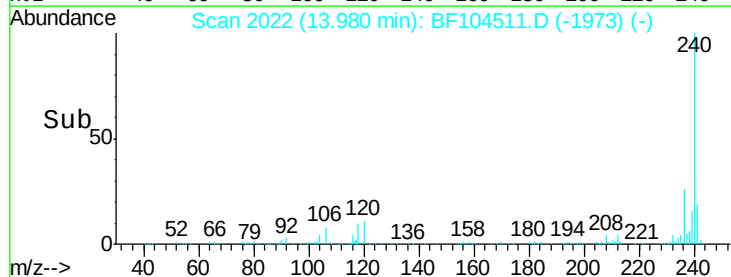
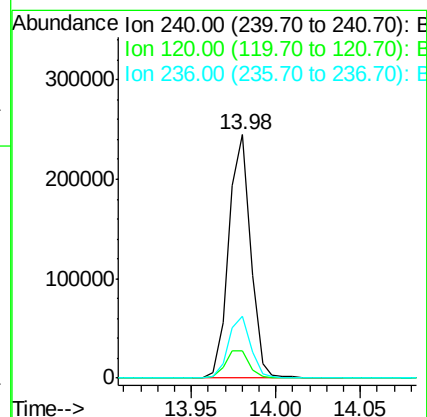
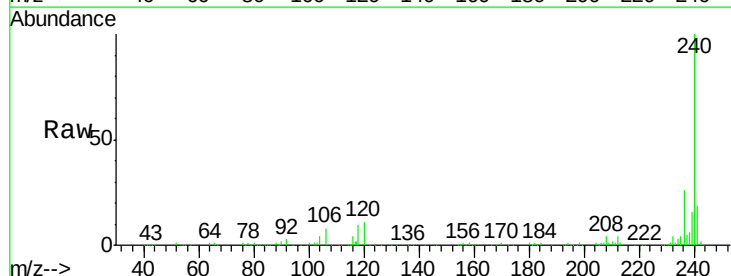
Instrument :
BNA_F
ClientSampleId :
041118-JETB-E-U-M

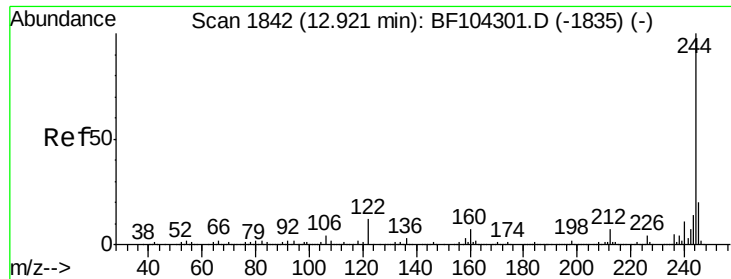
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104511.D
Acq: 14 Apr 2018 7:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 89.908 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104511.D

Acq: 14 Apr 2018 7:58

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-U-M

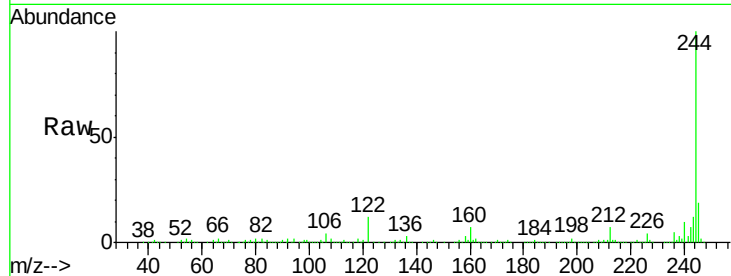
Tot Ion:244 Resp: 873194

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

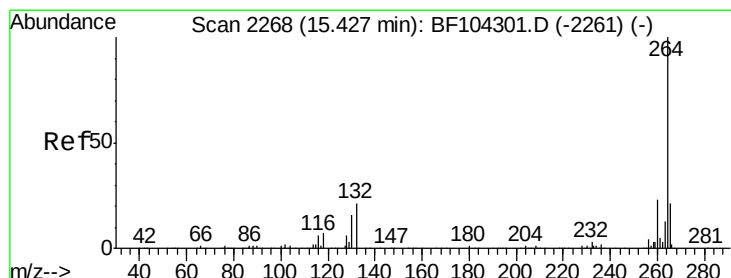
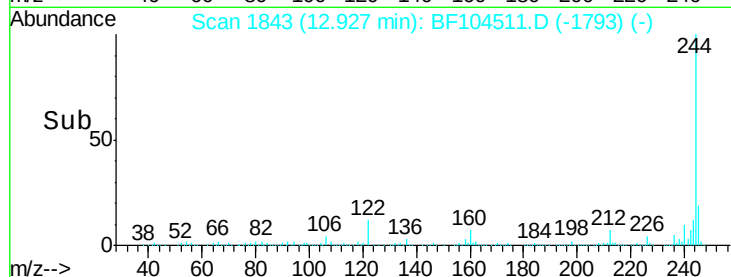
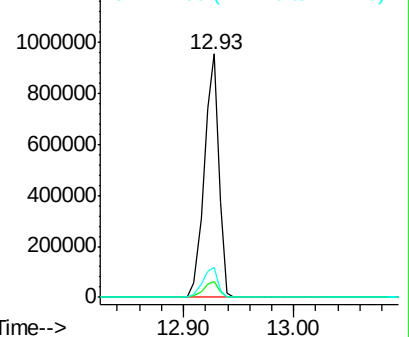
122 12.3 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF104511.D

Acq: 14 Apr 2018 7:58

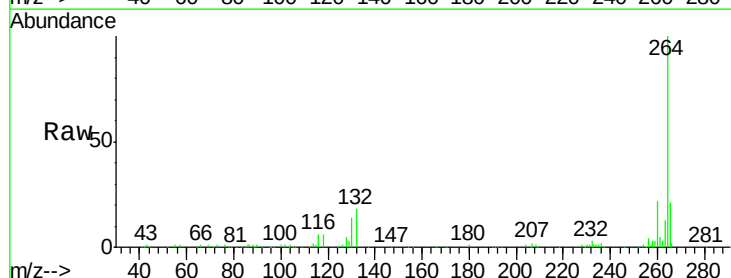
Tgt Ion:264 Resp: 168988

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.0 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

