

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100206.D
 Acq On : 5 Nov 2017 4:12
 Operator : SJ/JU
 Sample : I6327-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110217-JETT-F-D-B

Quant Time: Nov 06 03:52:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	85470	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	355804	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167859	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	310398	20.00	ng	0.00
75) Chrysene-d12	13.94	240	193059	20.00	ng	-0.01
86) Perylene-d12	15.40	264	138142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	224511	41.24	ng	0.01
7) Phenol-d6	6.43	99	200526	31.06	ng	0.00
23) Nitrobenzene-d5	7.34	82	499580	90.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	142678	93.27	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	988646	90.87	ng	-0.01
78) Terphenyl-d14	12.87	244	941852	106.61	ng	-0.01

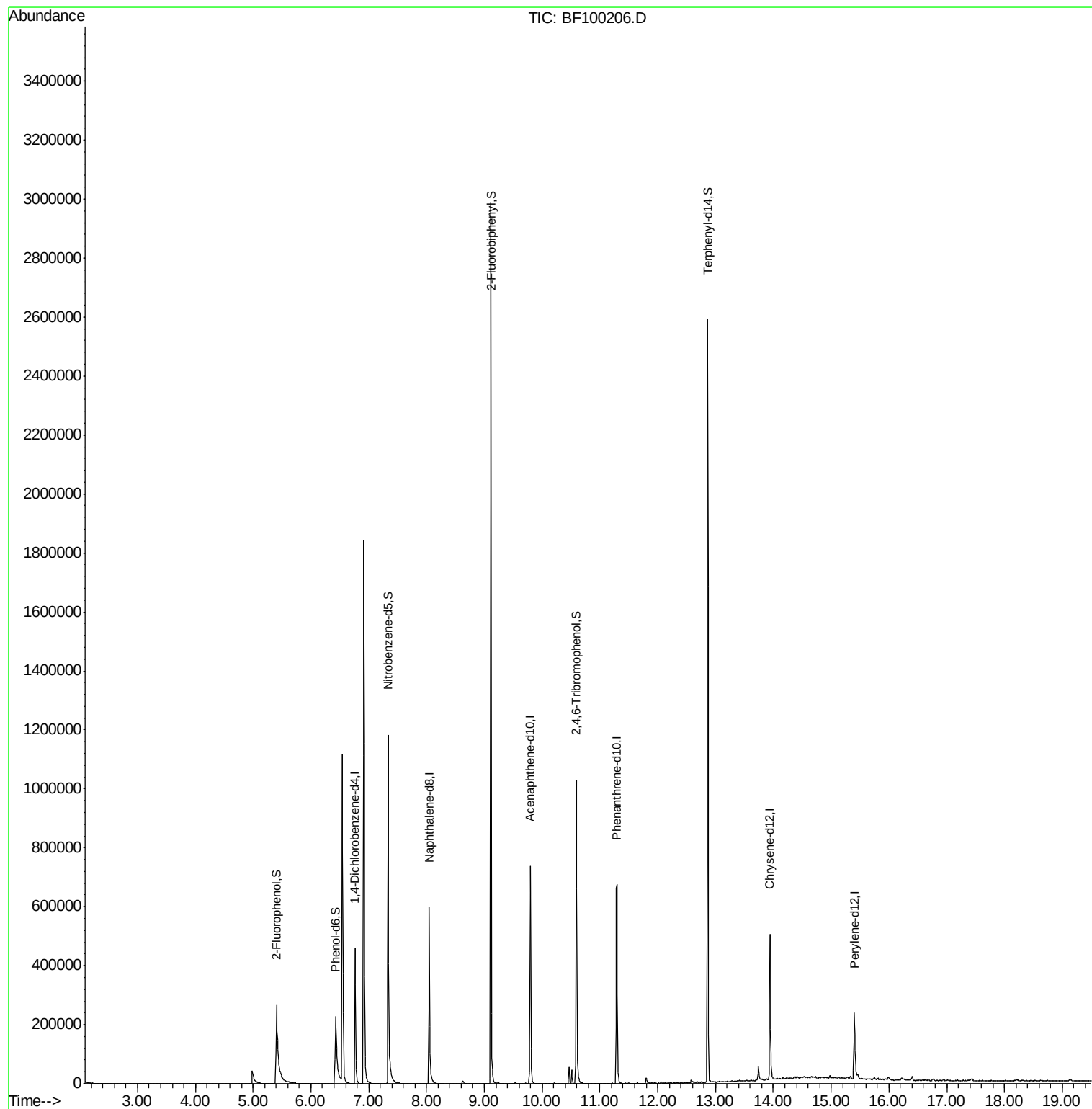
Target Compounds Qvalue

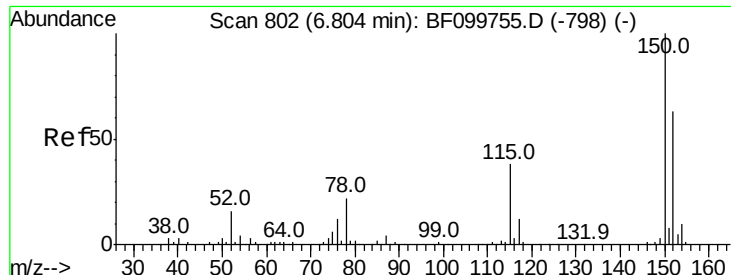
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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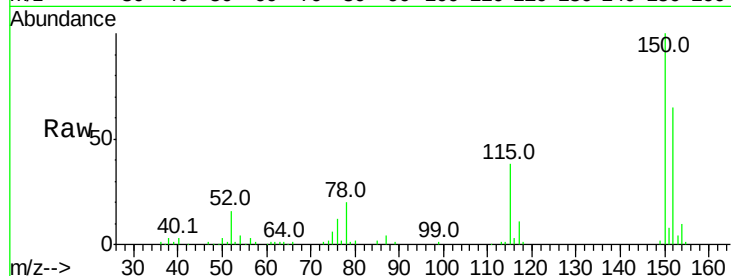


#1

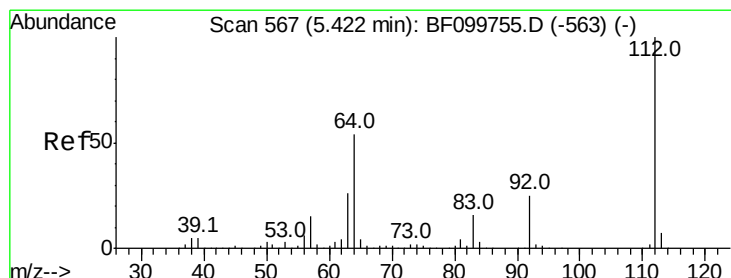
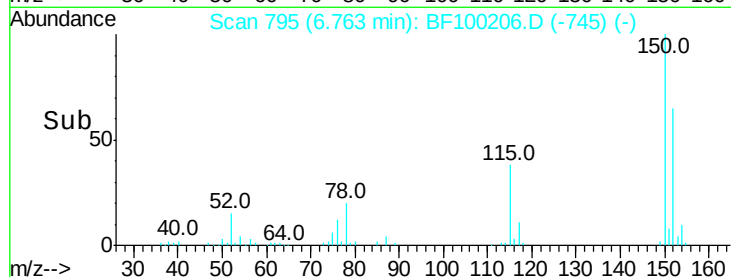
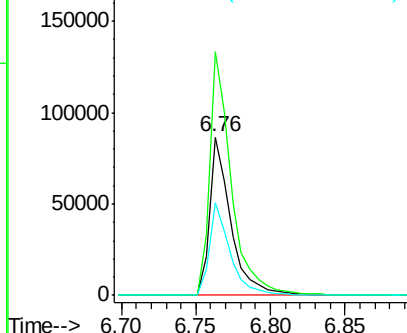
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100206.D
Acq: 5 Nov 2017 4:12

Instrument :
BNA_F
ClientSampleId :
110217-JETT-F-D-B

Tot Ion:152 Resp: 85470
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 58.2 50.1 75.1



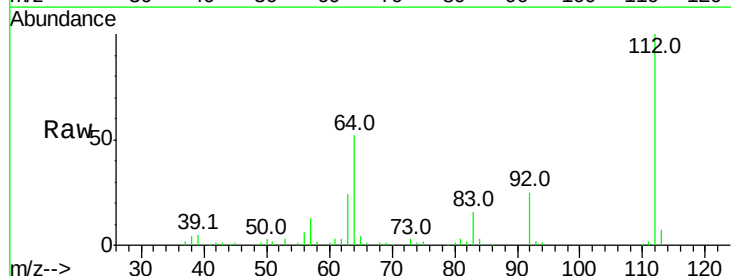
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



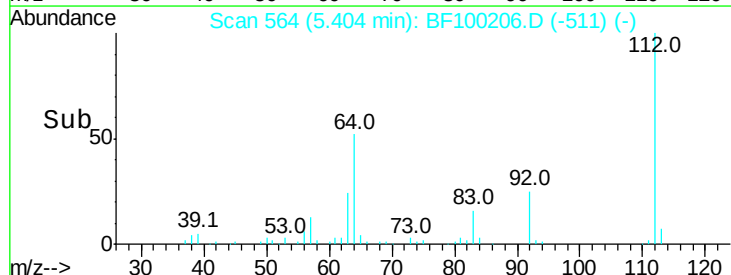
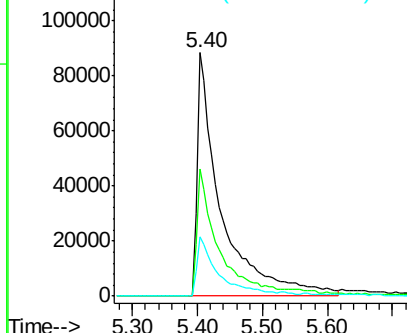
#5

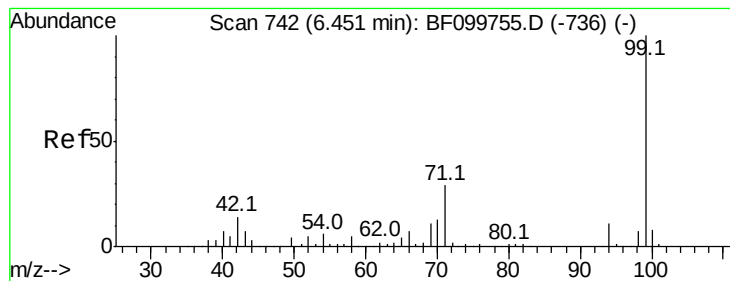
2-Fluorophenol
Concen: 41.240 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100206.D
Acq: 5 Nov 2017 4:12

Tgt Ion:112 Resp: 224511
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 24.5 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: 31.065 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-D-B

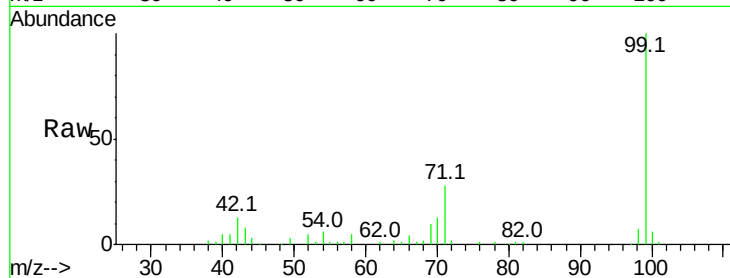
Tot Ion: 99 Resp: 200526

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

71 27.8 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

120000

100000

80000

60000

40000

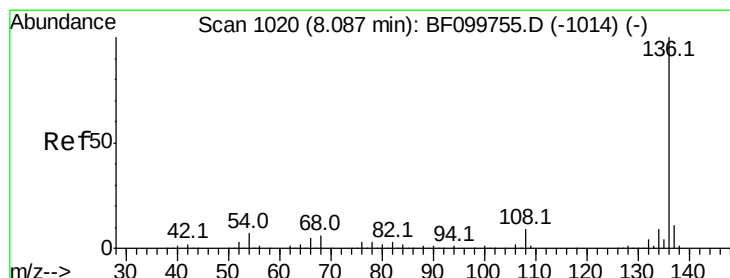
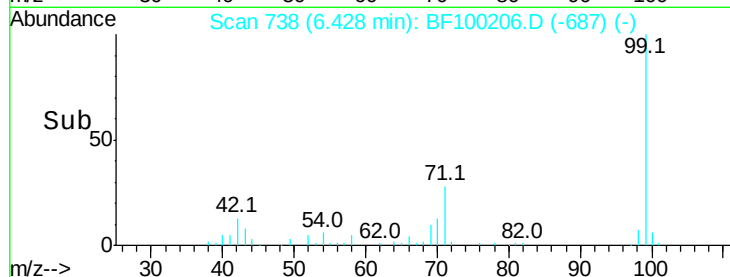
20000

0

6.43

6.40 6.60 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

Tgt Ion: 136 Resp: 355804

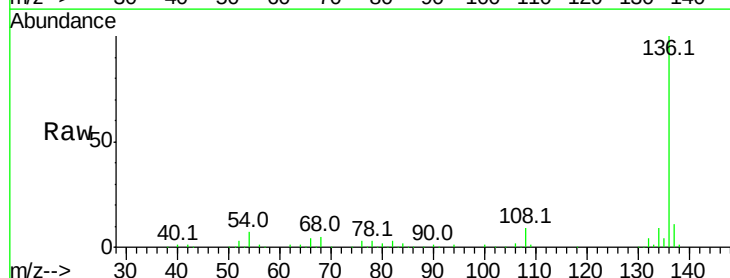
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 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

500000

400000

300000

200000

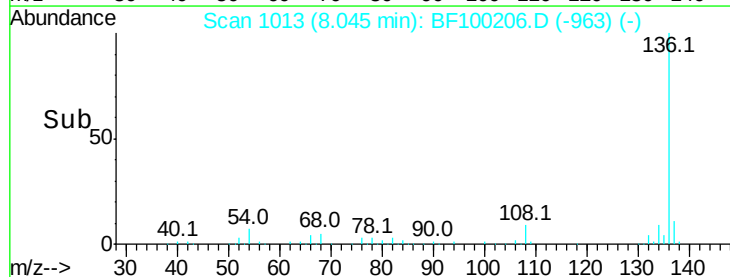
100000

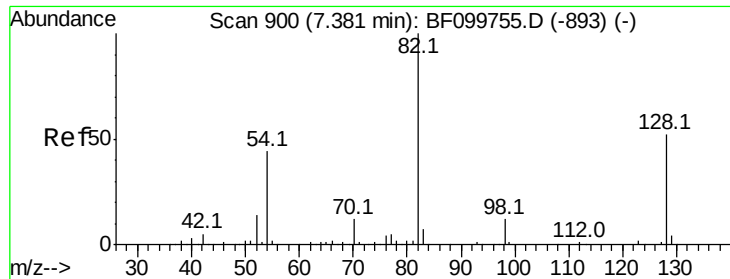
0

8.05

8.00 8.10 8.20

Time-->

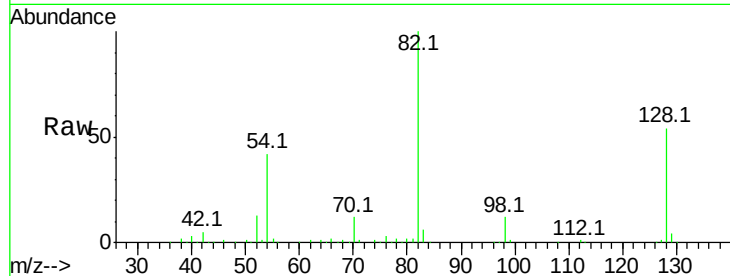




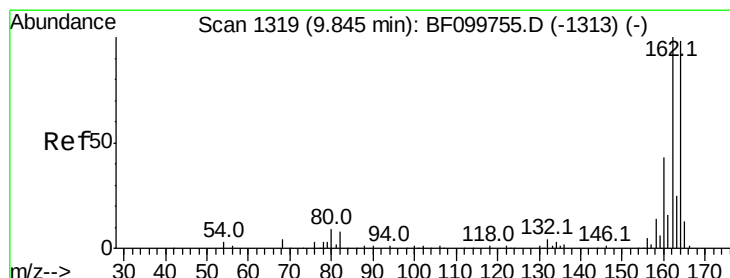
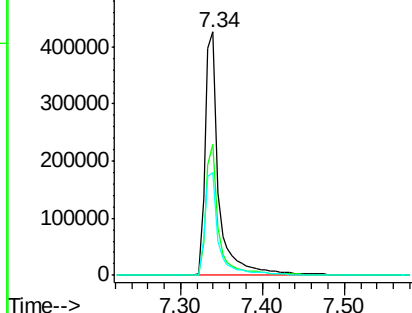
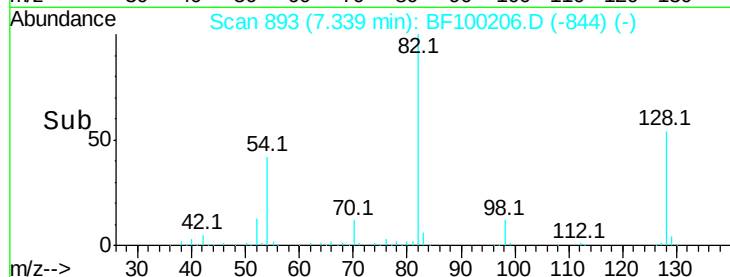
#23
 Nitrobenzene-d5
 Concen: 90.396 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100206.D
 Acq: 5 Nov 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 110217-JETT-F-D-B

Tot Ion: 82 Resp: 499580
 Ion Ratio Lower Upper
 82 100
 128 54.0 36.1 54.1
 54 42.1 41.4 62.2

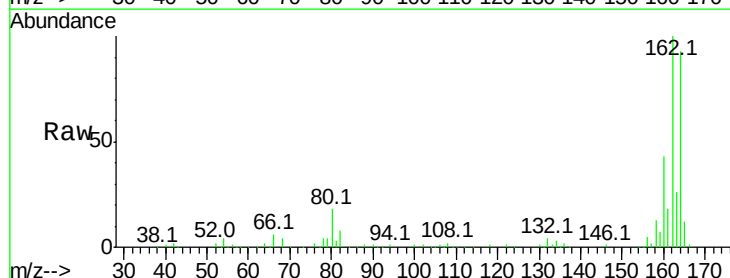


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

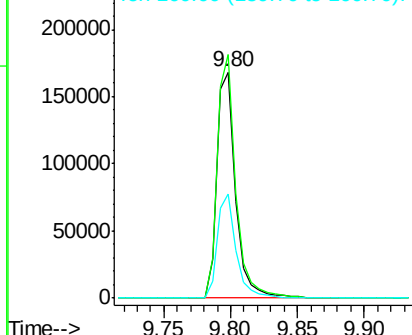
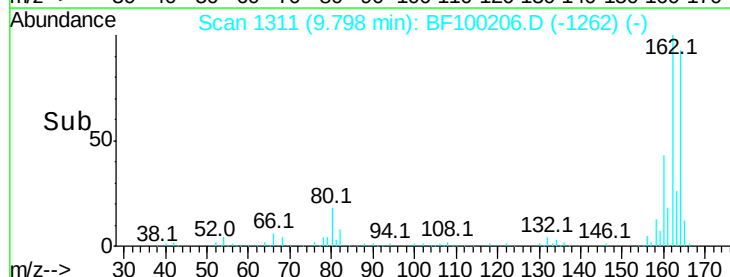


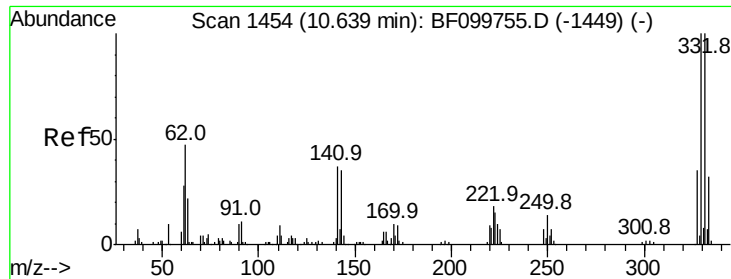
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100206.D
 Acq: 5 Nov 2017 4:12

Tgt Ion: 164 Resp: 167859
 Ion Ratio Lower Upper
 164 100
 162 107.7 86.1 129.1
 160 46.0 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: 93.270 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-D-B

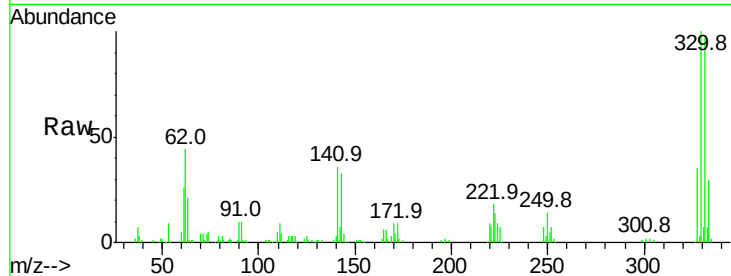
Tot Ion:330 Resp: 142678

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

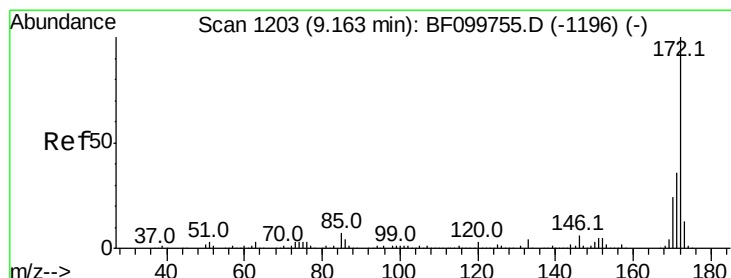
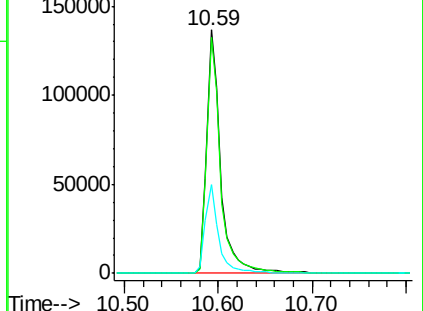
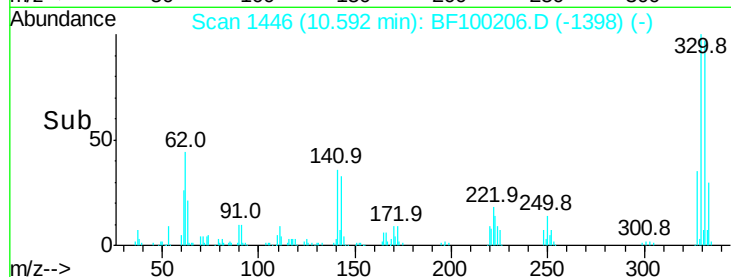
141 34.9 29.9 44.9



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: 90.869 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

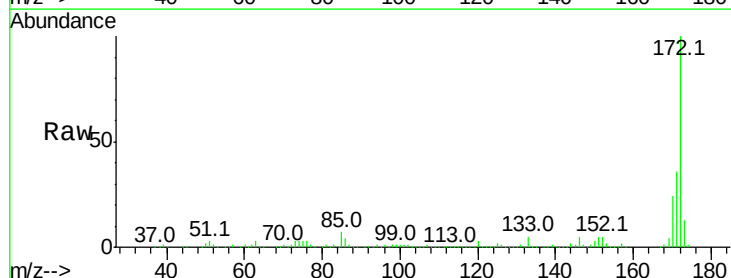
Tgt Ion:172 Resp: 988646

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

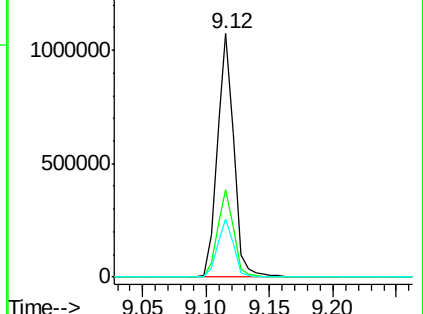
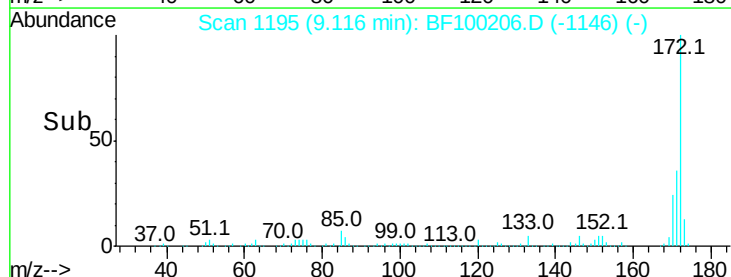
170 24.0 19.6 29.4

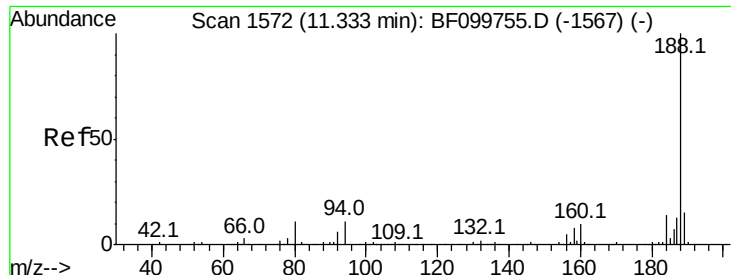


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

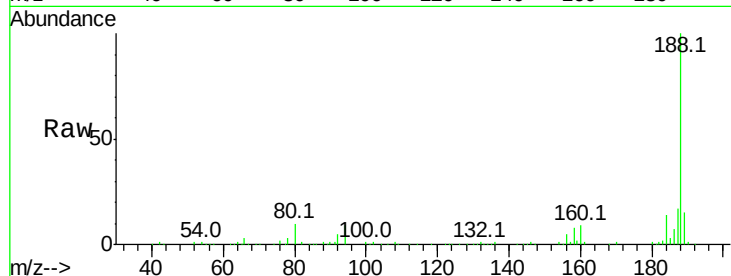




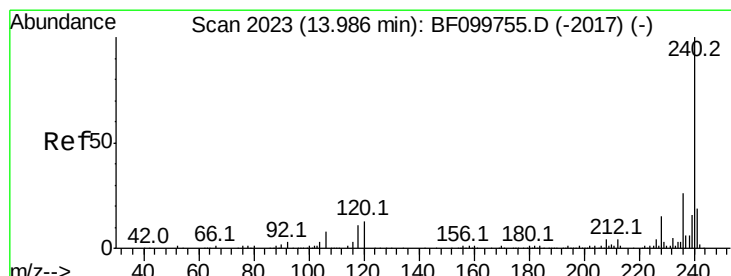
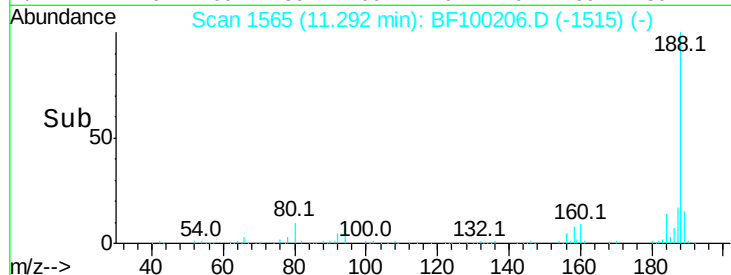
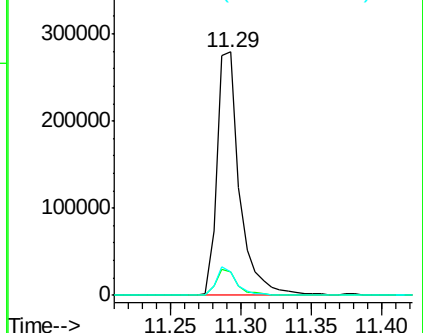
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF100206.D
Acq: 5 Nov 2017 4:12

Instrument :
BNA_F
ClientSampleId :
110217-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.8	9.2	13.8

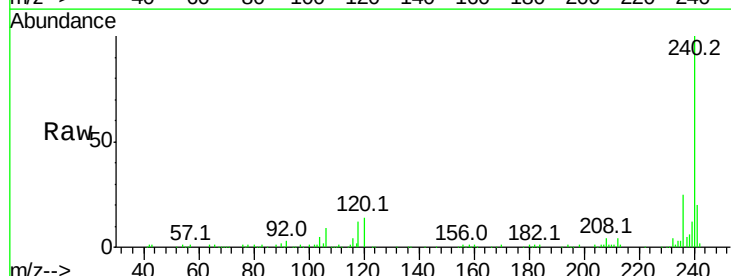


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

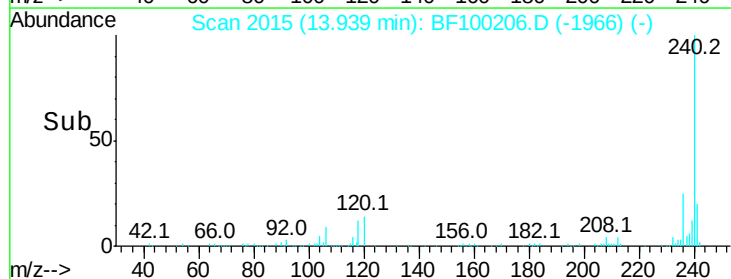
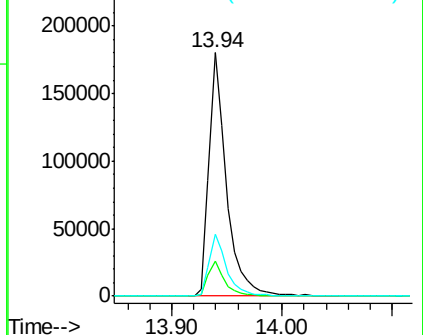


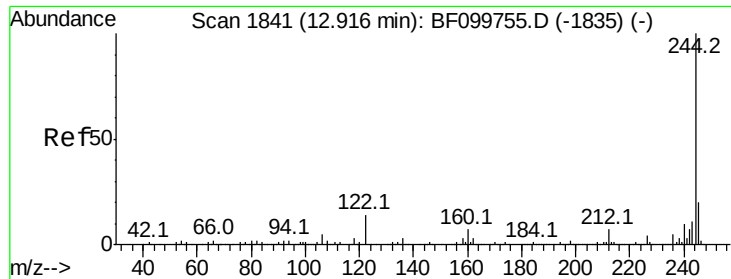
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100206.D
Acq: 5 Nov 2017 4:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.4	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: 106.615 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-D-B

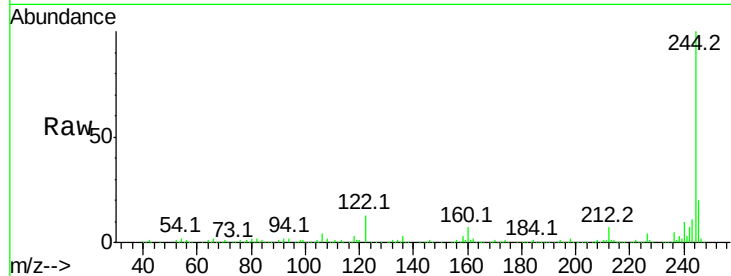
Tot Ion:244 Resp: 941852

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

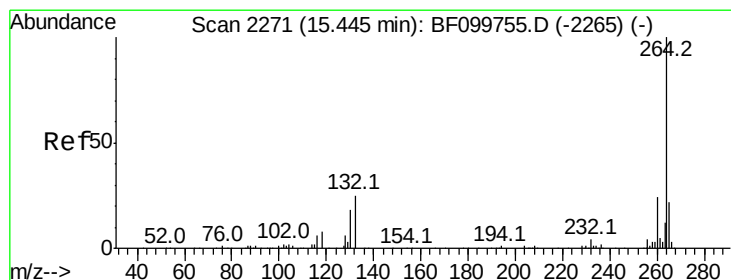
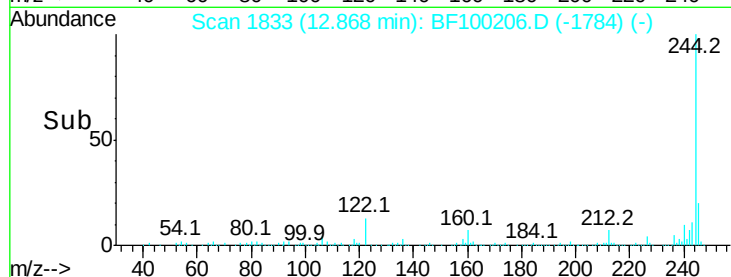
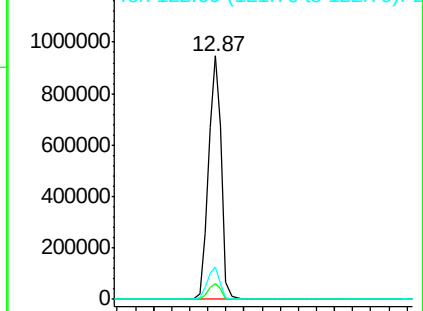
122 13.4 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100206.D

Acq: 5 Nov 2017 4:12

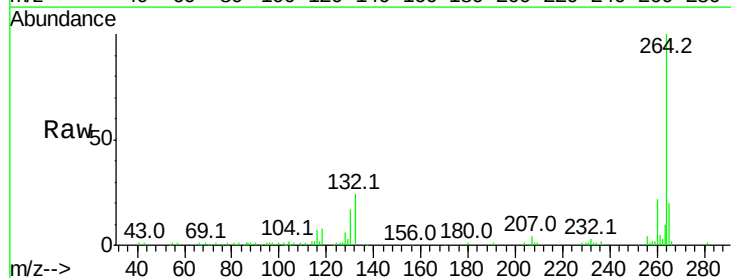
Tgt Ion:264 Resp: 138142

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 19.9 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

