

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104295.D
 Acq On : 6 Apr 2018 2:42
 Operator : JU/SJ
 Sample : J2226-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040318-JETT-E-D-B

Quant Time: Apr 06 03:17:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99305	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	464928	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	215239	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	407896	20.00	ng	0.00
75) Chrysene-d12	14.13	240	278705	20.00	ng	-0.01
86) Perylene-d12	15.66	264	219675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130462	20.95	ng	0.00
7) Phenol-d6	6.61	99	204975	26.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	830089	109.19	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	245343	102.37	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	1606115	117.67	ng	0.00
78) Terphenyl-d14	13.06	244	1351703	111.98	ng	0.00

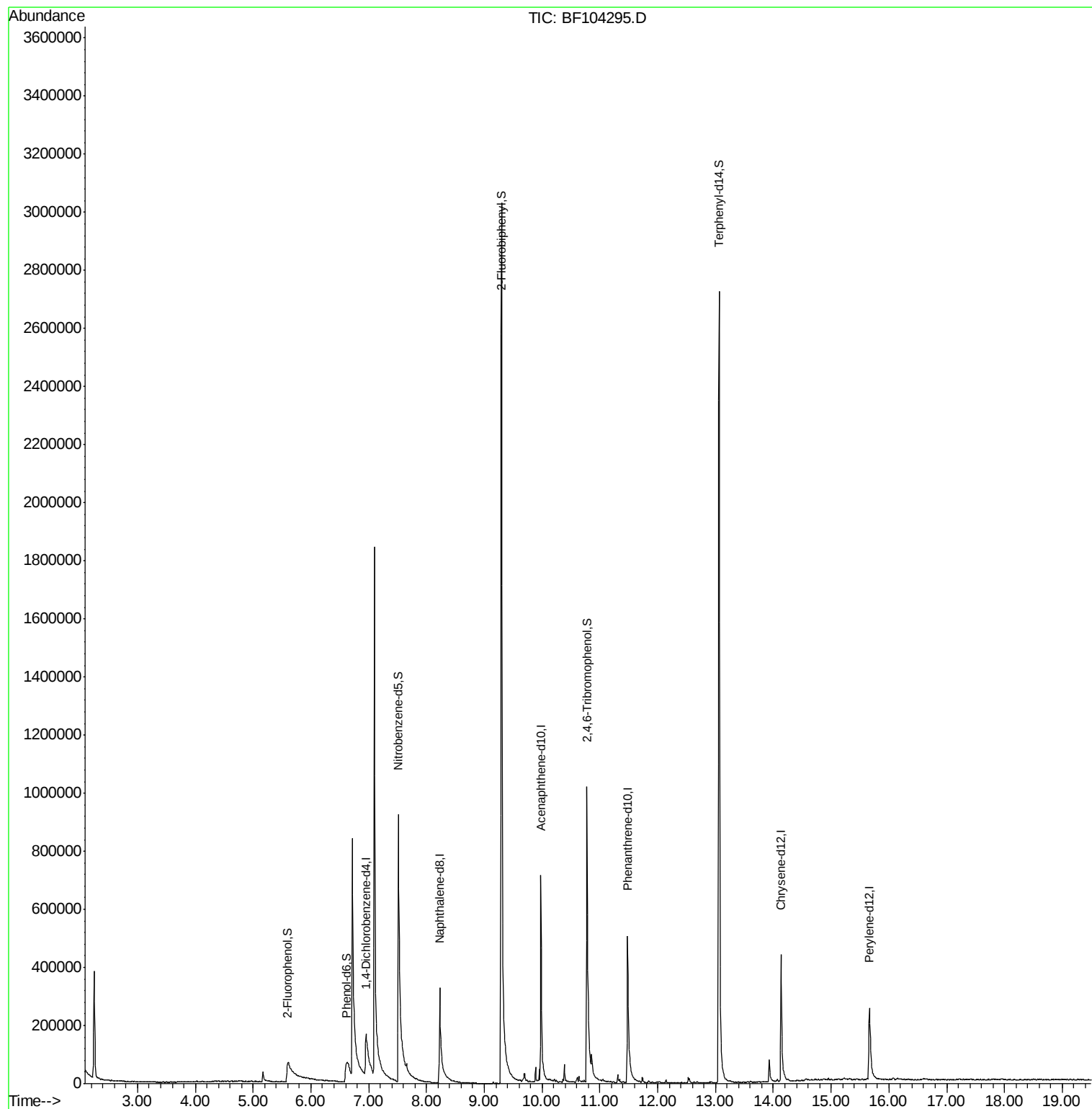
Target Compounds Qvalue

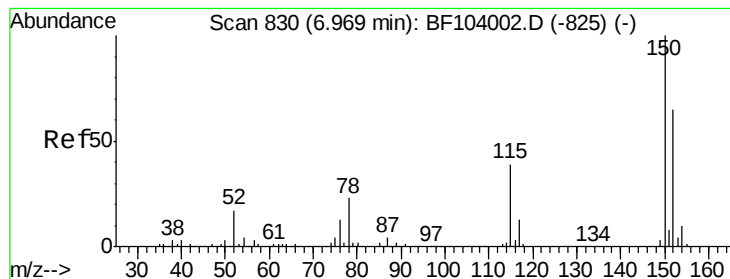
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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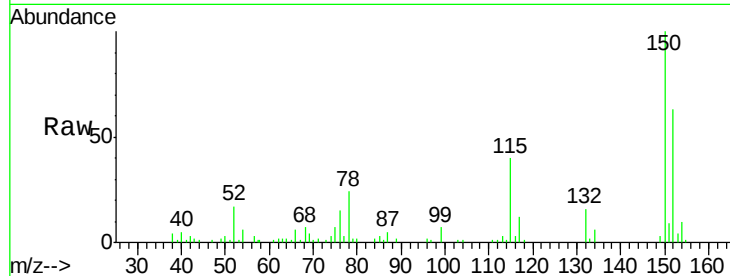


#1

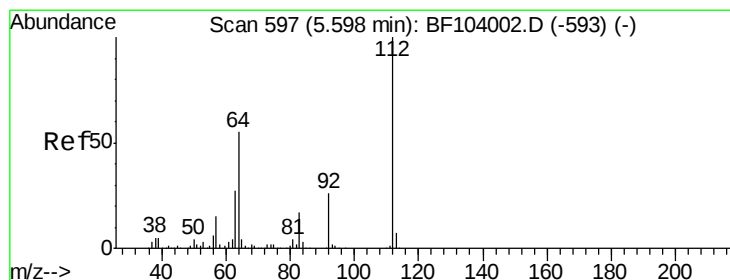
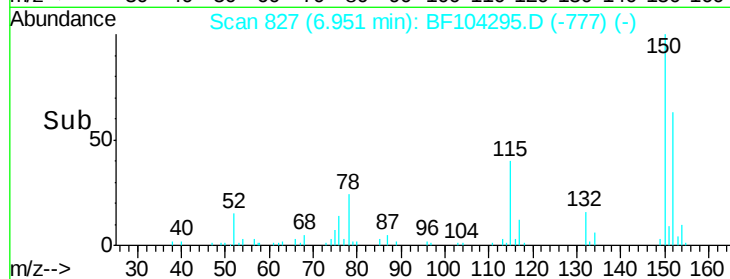
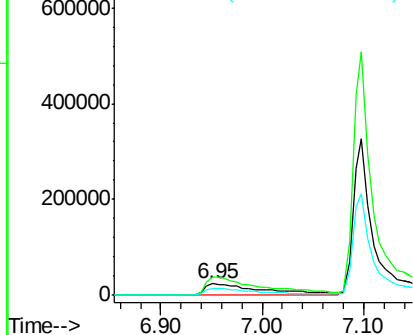
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Instrument :
BNA_F
ClientSampleId :
040318-JETT-E-D-B

Tot Ion:152 Resp: 99305
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.4 50.1 75.1



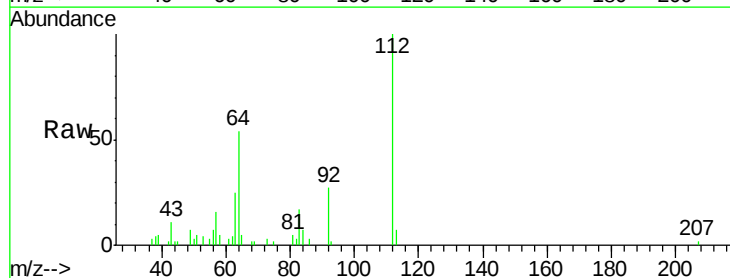
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



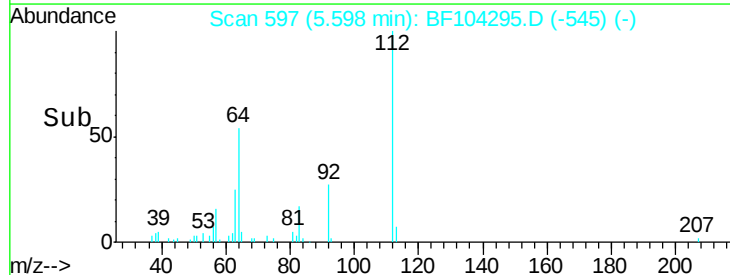
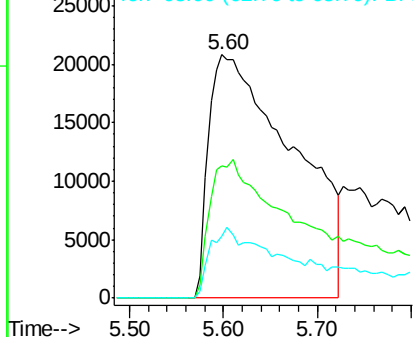
#5

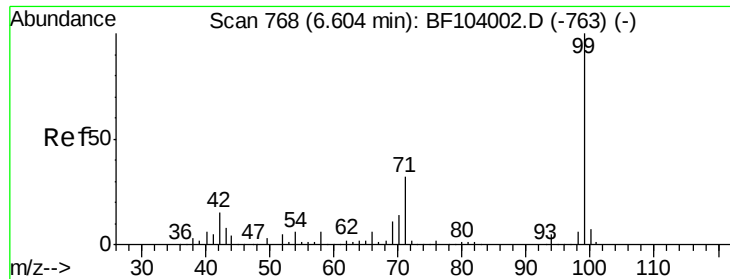
2-Fluorophenol
Concen: 20.951 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Tgt Ion:112 Resp: 130462
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 25.3 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: 26.755 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Instrument :

BNA_F

ClientSampleId :

040318-JETT-E-D-B

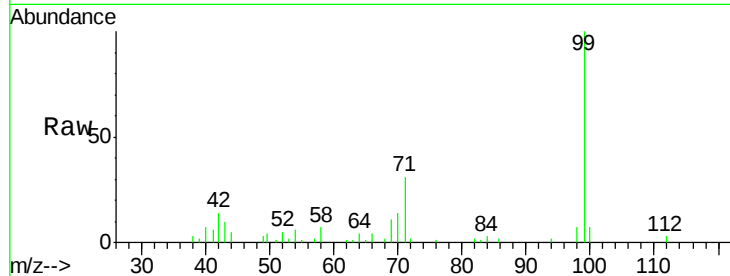
Tot Ion: 99 Resp: 204975

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

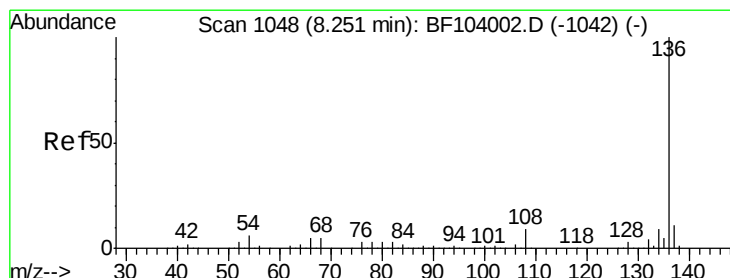
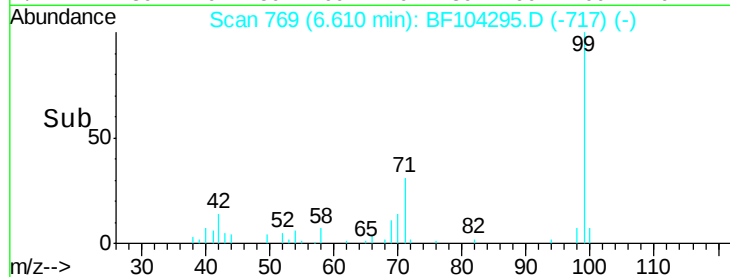
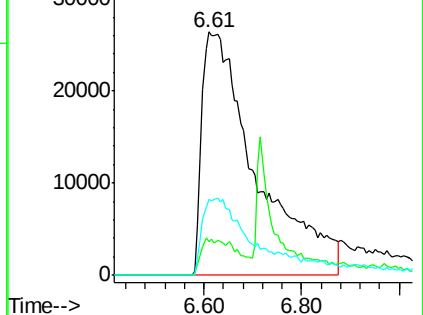
71 31.4 25.4 38.0



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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Tgt Ion: 136 Resp: 464928

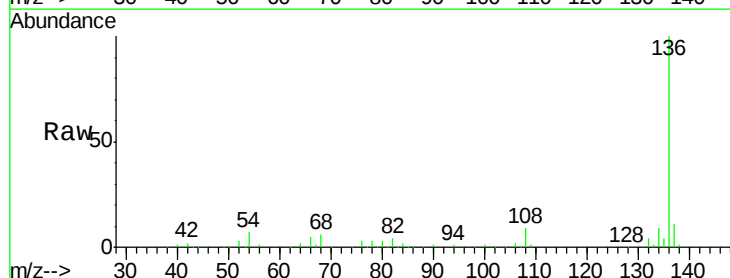
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 6.1 5.0 7.4

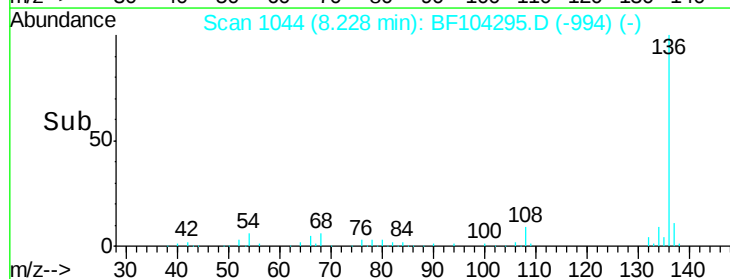
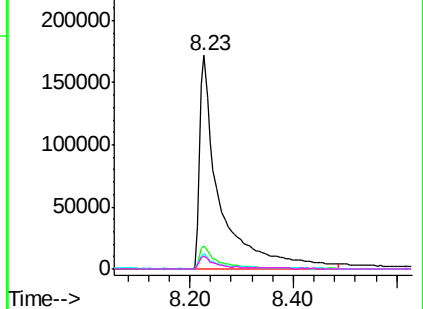


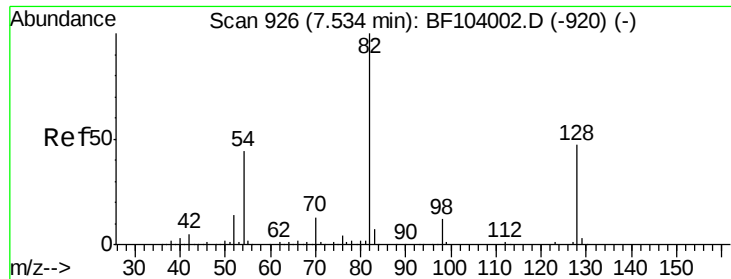
Abundance Ion 136.00 (135.70 to 136.70): E

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

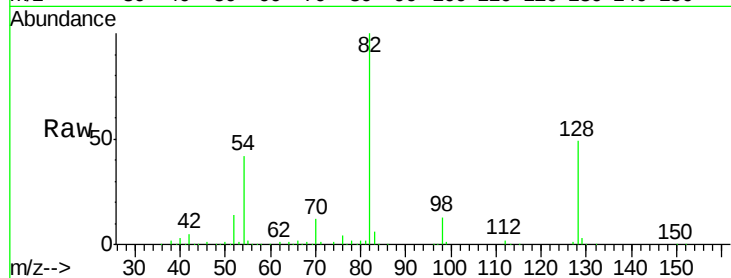




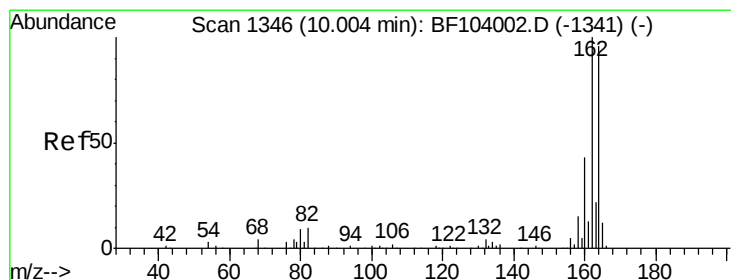
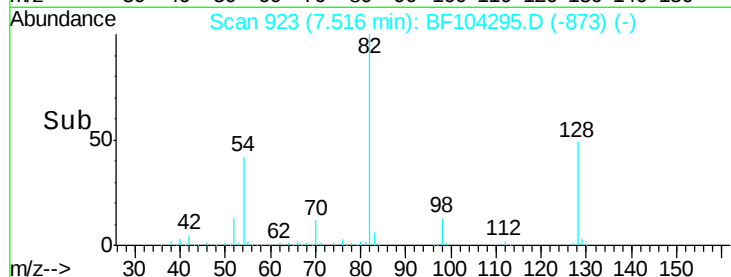
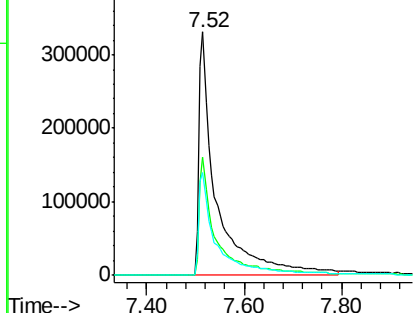
#23
Nitrobenzene-d5
Concen: 109.188 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Instrument :
BNA_F
ClientSampleId :
040318-JETT-E-D-B

Tot Ion: 82 Resp: 830089
Ion Ratio Lower Upper
82 100
128 48.8 36.1 54.1
54 42.4 41.4 62.2

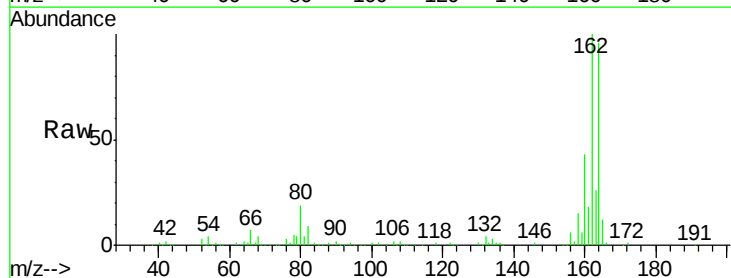


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

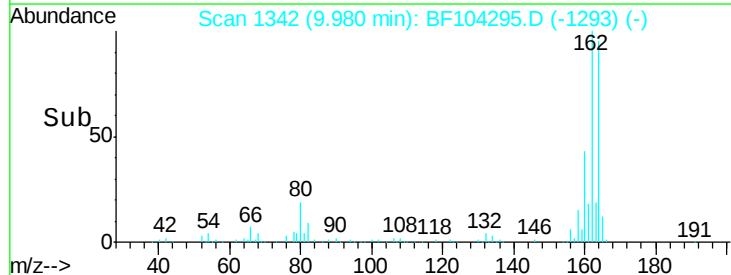
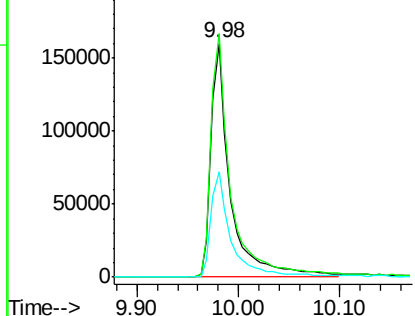


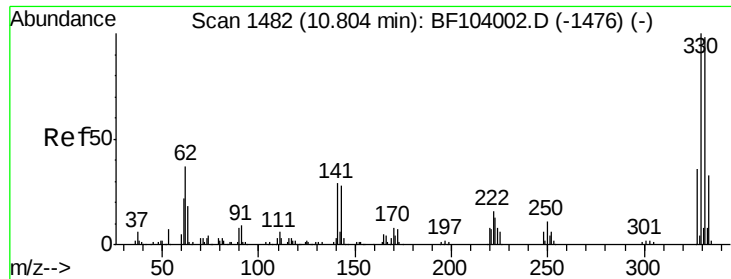
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Tgt Ion:164 Resp: 215239
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

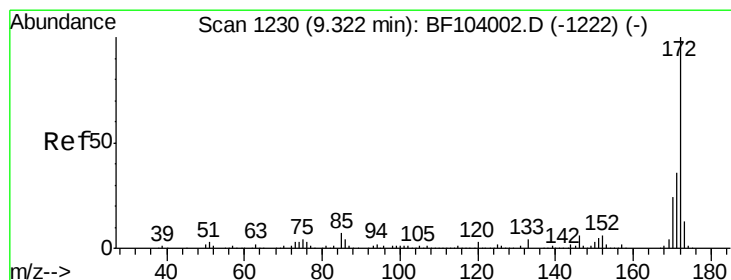
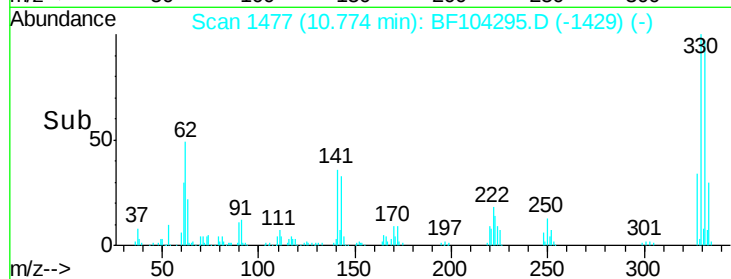
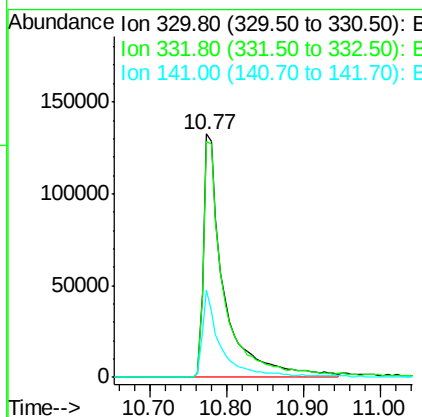
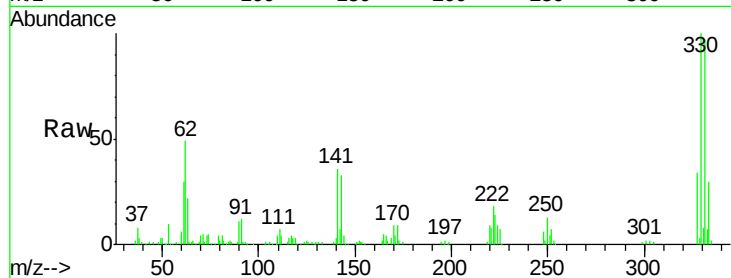




#41
 2,4,6-Tribromophenol
 Concen: 102.367 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

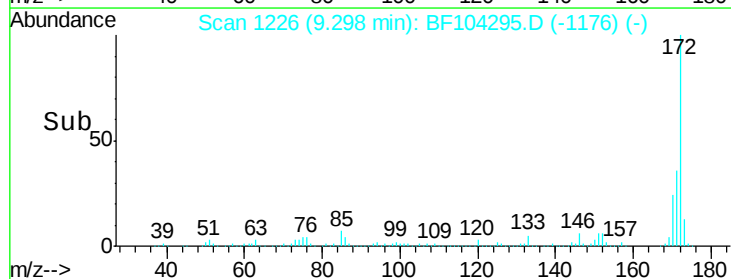
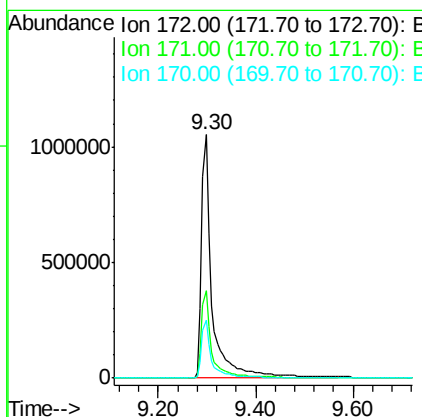
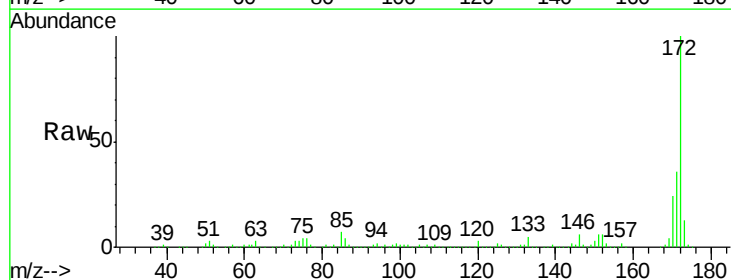
Instrument :
 BNA_F
 ClientSampleId :
 040318-JETT-E-D-B

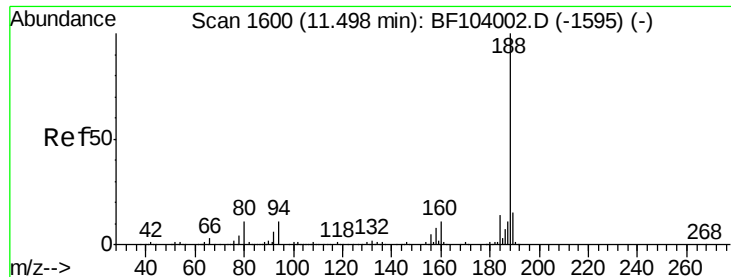
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	31.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 117.670 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Instrument :

BNA_F

ClientSampleId :

040318-JETT-E-D-B

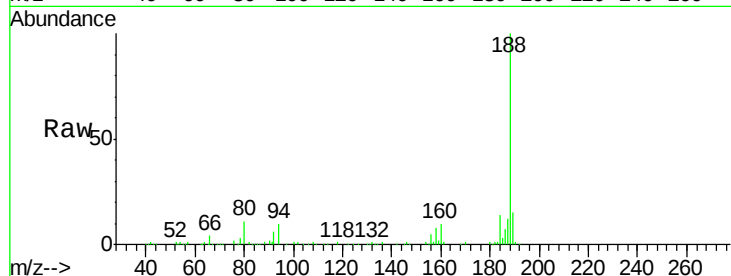
Tot Ion:188 Resp: 407896

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

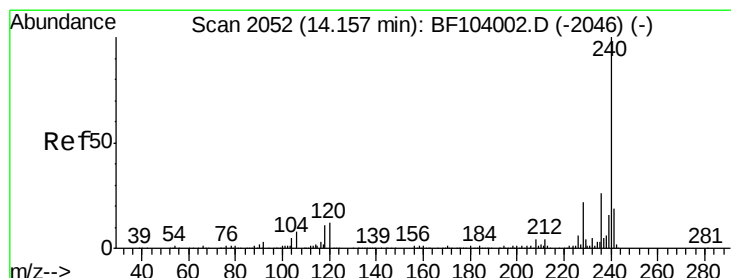
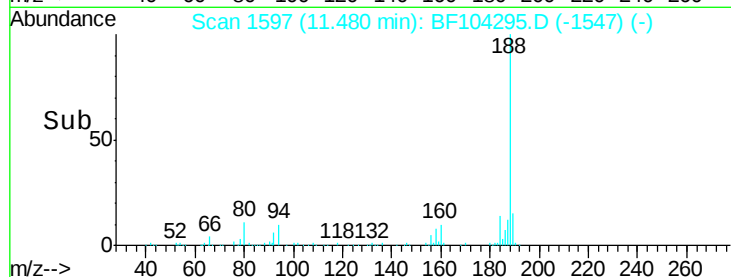
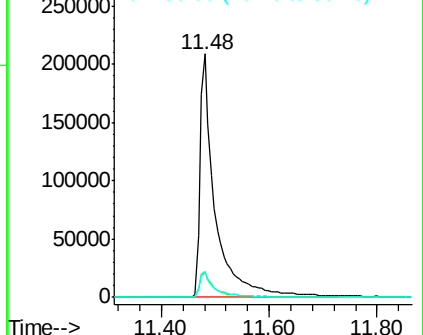
80 10.8 9.2 13.8



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

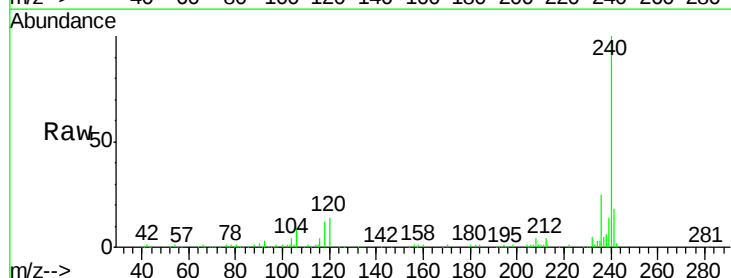
Tgt Ion:240 Resp: 278705

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

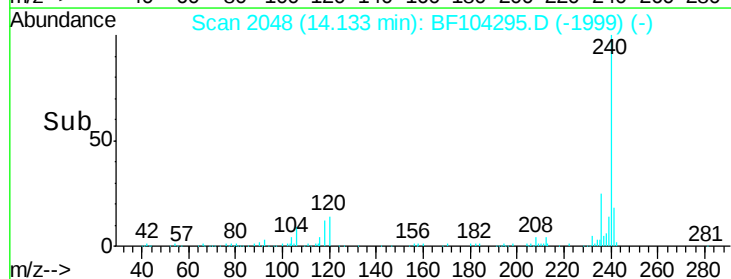
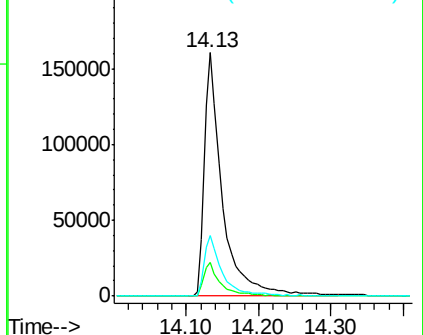
236 24.9 20.7 31.1

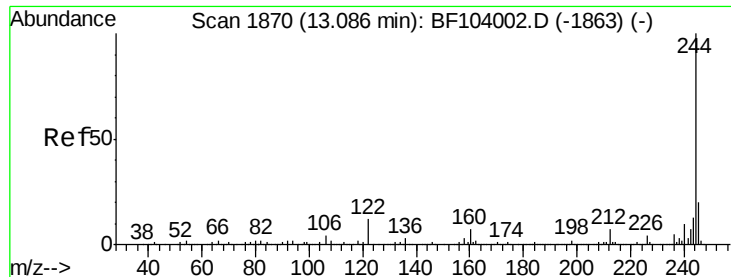


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.983 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Instrument :

BNA_F

ClientSampleId :

040318-JETT-E-D-B

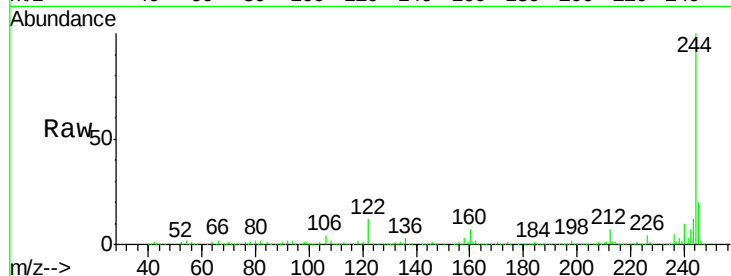
Tot Ion:244 Resp: 1351703

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

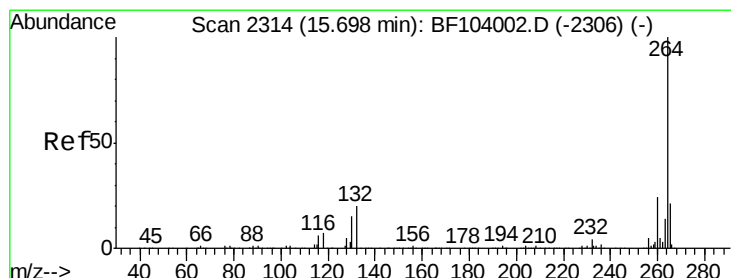
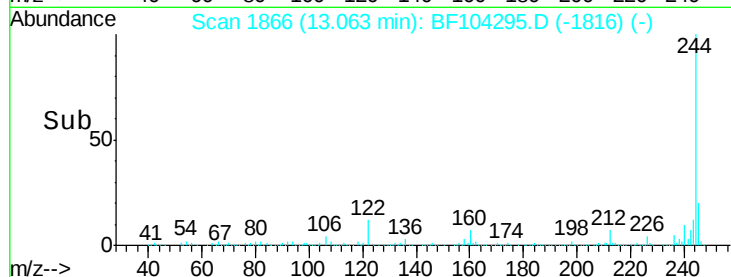
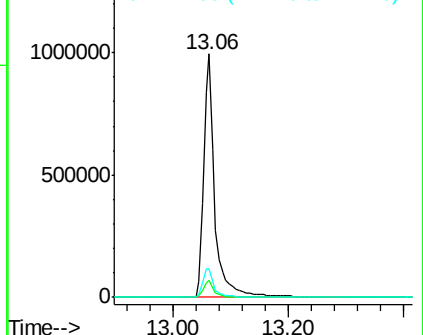
122 12.0 11.0 16.4



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: 15.66 min Scan# 2308

Delta R.T. -0.02 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

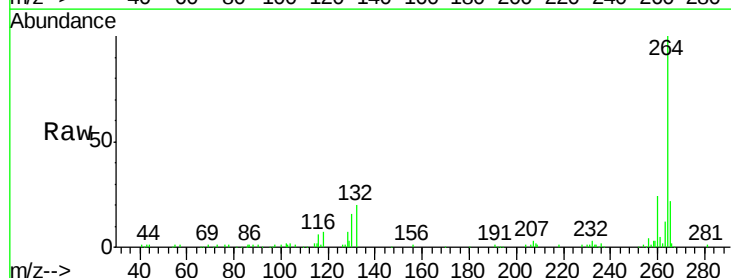
Tgt Ion:264 Resp: 219675

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

