

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103731.D
 Acq On : 17 Mar 2018 9:26
 Operator : JU/SJ
 Sample : J1929-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-PIT-1

Quant Time: Mar 19 08:20:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145612	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	565519	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	224881	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	317778	20.00	ng	0.00
75) Chrysene-d12	14.16	240	278261	20.00	ng	0.00
86) Perylene-d12	15.69	264	222164	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1176371	122.88	ng	0.02
7) Phenol-d6	6.59	99	1316766	112.42	ng	0.00
23) Nitrobenzene-d5	7.53	82	951975	117.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	264715	136.91	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1504926	106.75	ng	0.00
78) Terphenyl-d14	13.09	244	1083907	90.42	ng	0.00

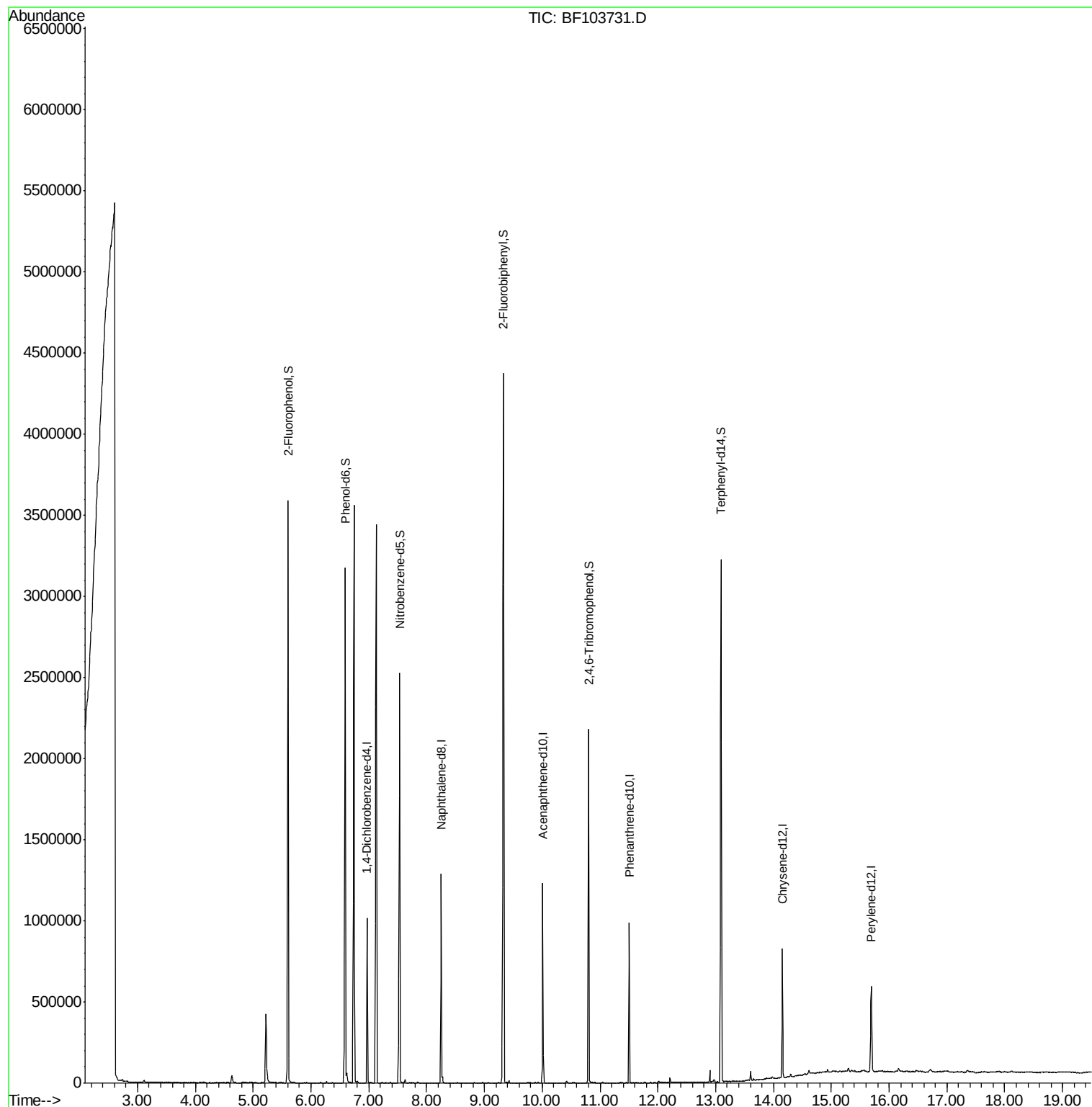
Target Compounds Qvalue

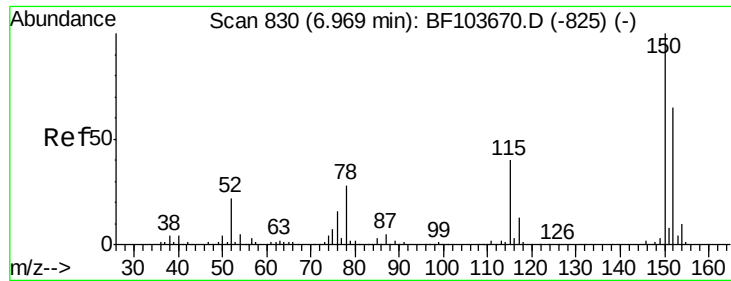
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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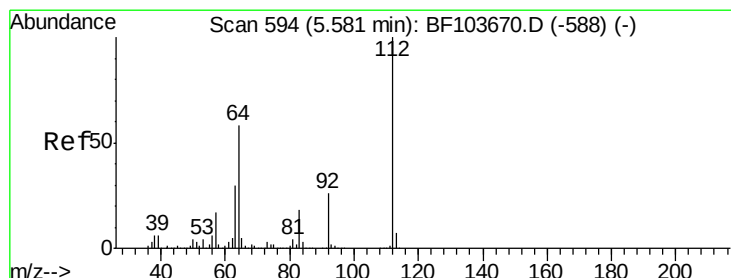
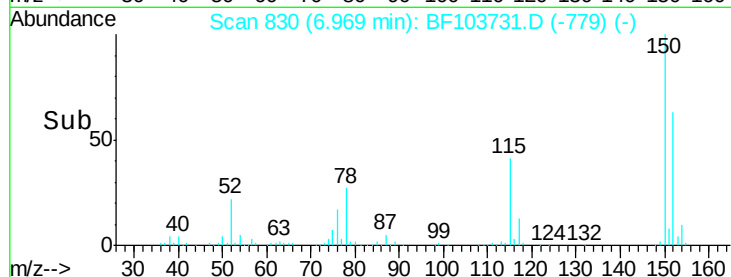
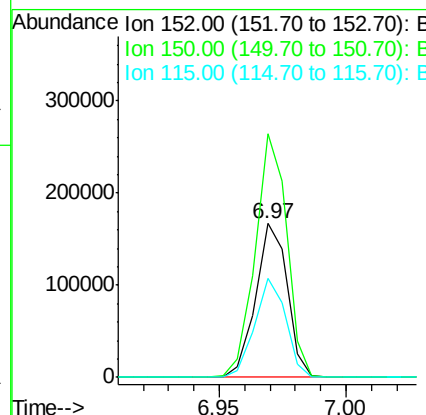
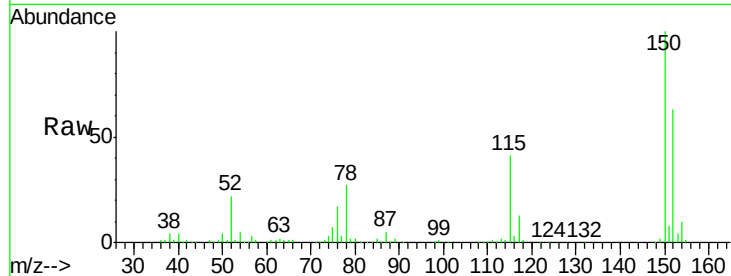


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :
LS-PIT-1

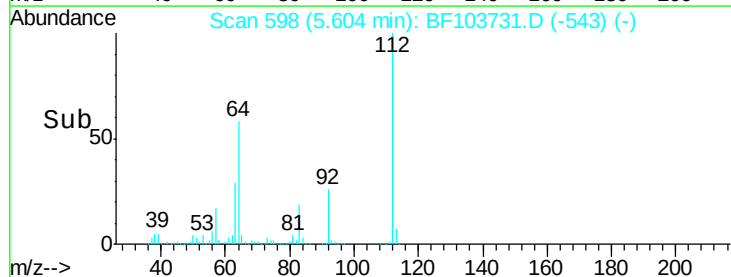
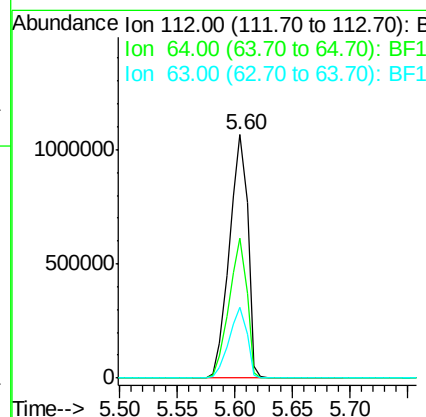
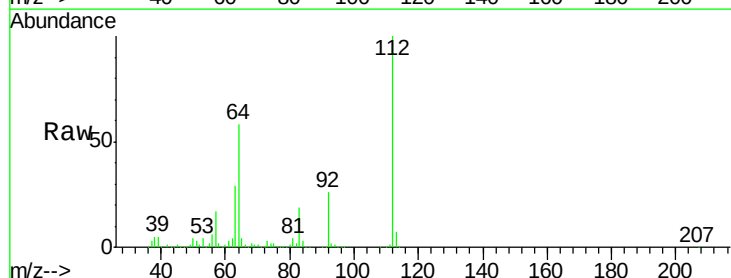
Tot Ion:152 Resp: 145612
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 64.3 50.1 75.1

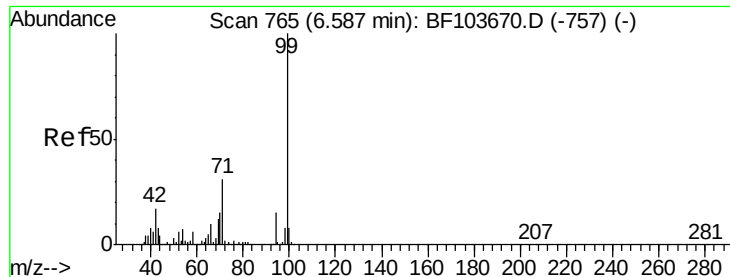


#5

2-Fluorophenol
Concen: 122.878 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:112 Resp: 1176371
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 112.424 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103731.D

Acq: 17 Mar 2018 9:26

Instrument :

BNA_F

ClientSampleId :

LS-PIT-1

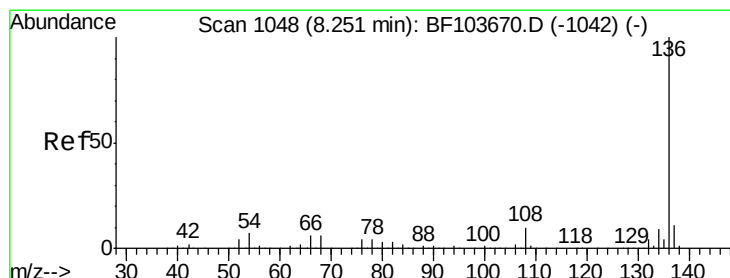
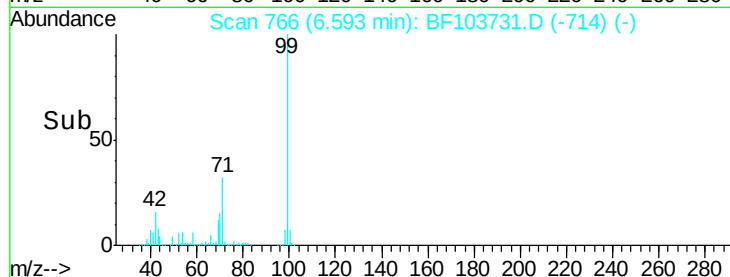
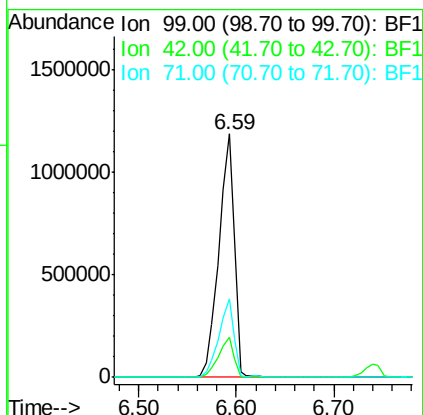
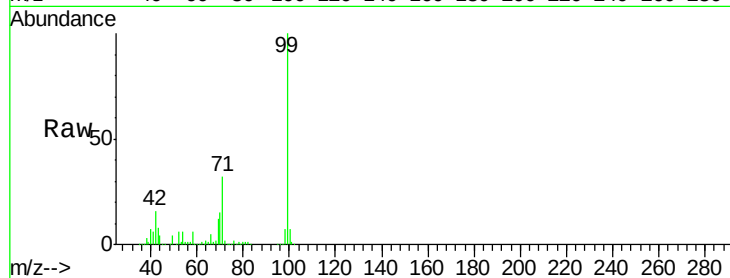
Tot Ion: 99 Resp: 1316766

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103731.D

Acq: 17 Mar 2018 9:26

Tgt Ion: 136 Resp: 565519

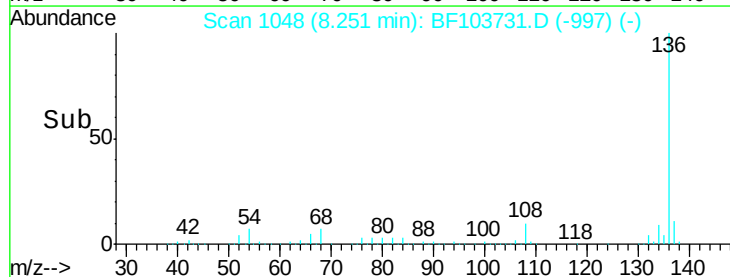
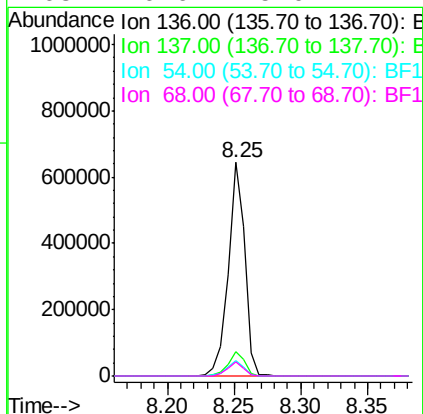
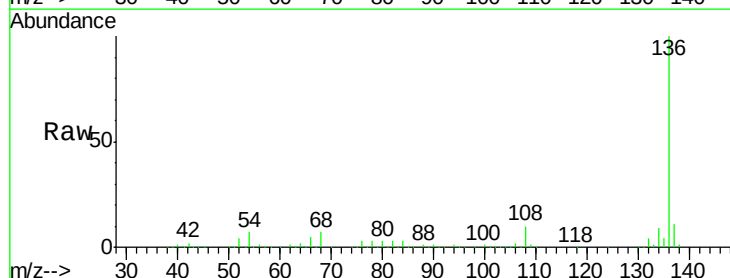
Ion Ratio Lower Upper

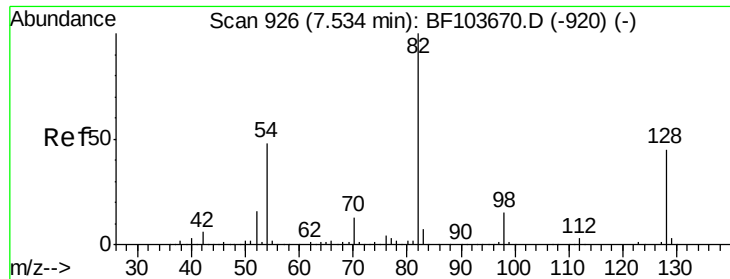
136 100

137 11.2 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

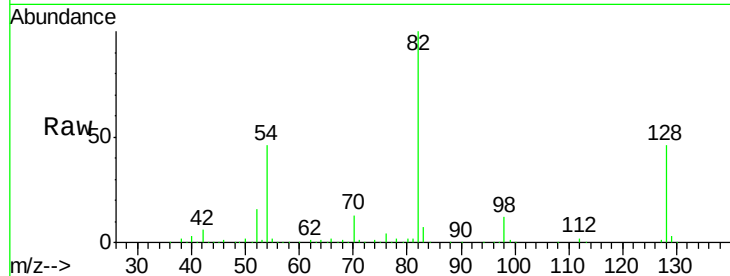




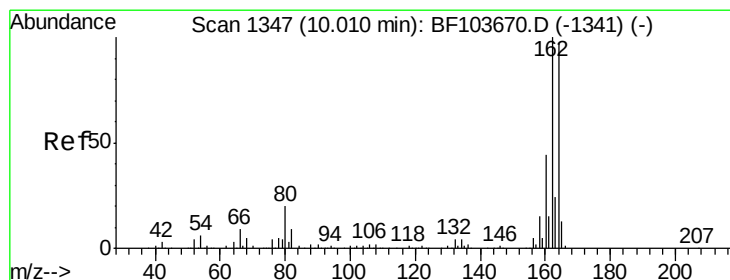
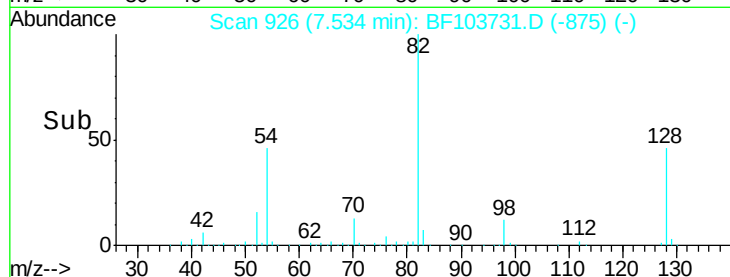
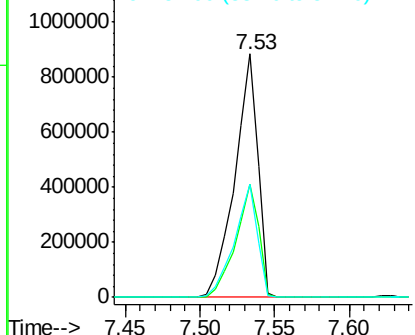
#23
 Nitrobenzene-d5
 Concen: 117.391 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103731.D
 Acq: 17 Mar 2018 9:26

Instrument :
 BNA_F
 ClientSampleId :
 LS-PIT-1

Tot Ion: 82 Resp: 951975
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 46.4 41.4 62.2

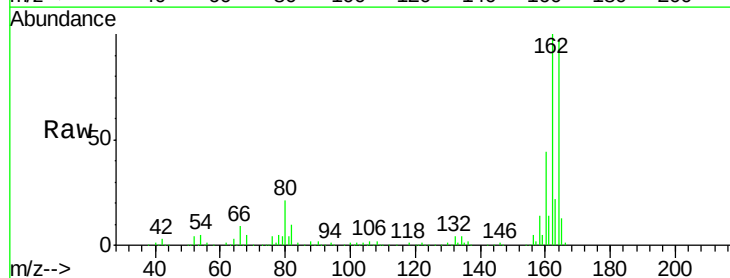


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

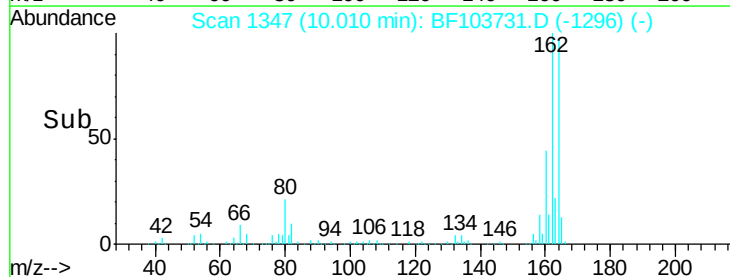
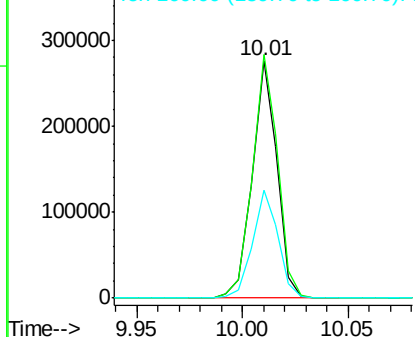


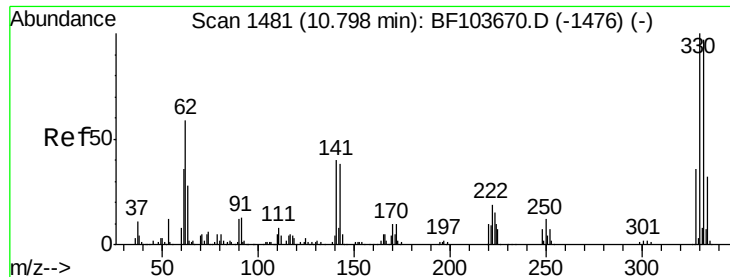
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103731.D
 Acq: 17 Mar 2018 9:26

Tgt Ion: 164 Resp: 224881
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.5 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

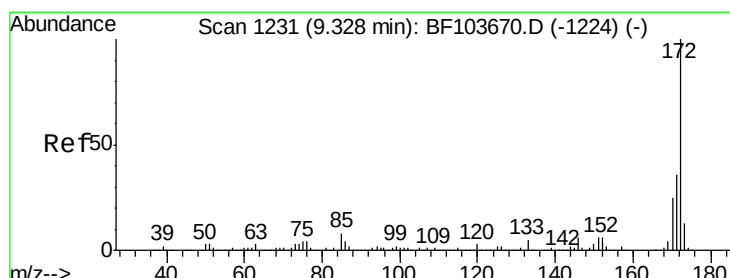
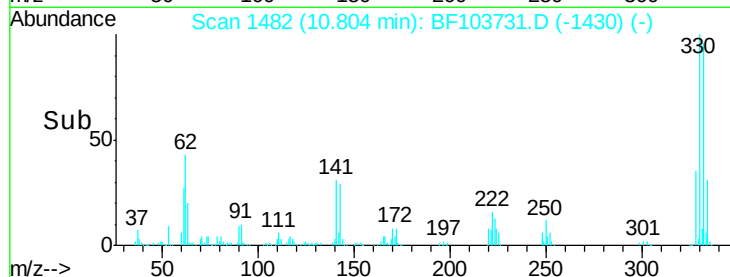
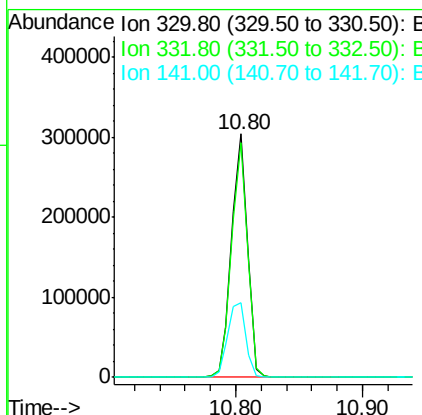
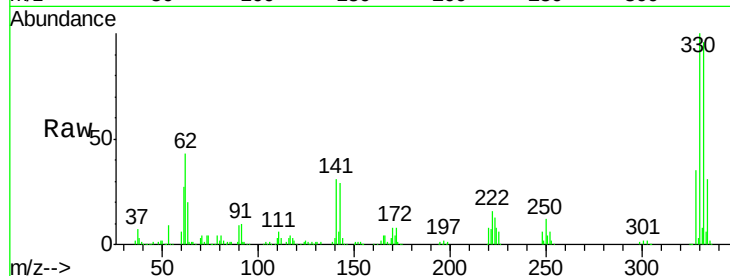




#41
 2,4,6-Tribromophenol
 Concen: 136.907 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103731.D
 Acq: 17 Mar 2018 9:26

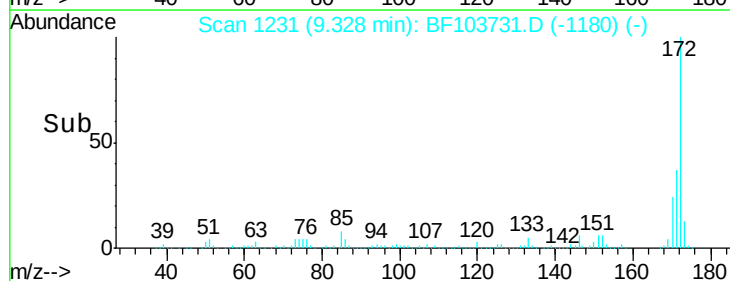
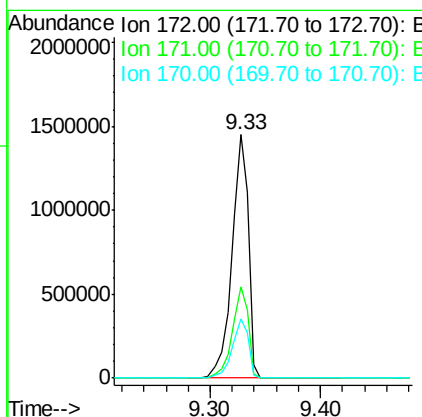
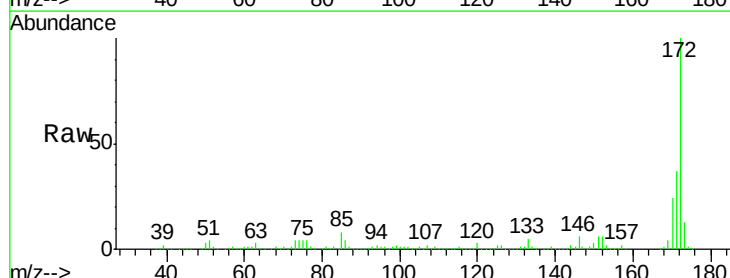
Instrument :
 BNA_F
 ClientSampleId :
 LS-PIT-1

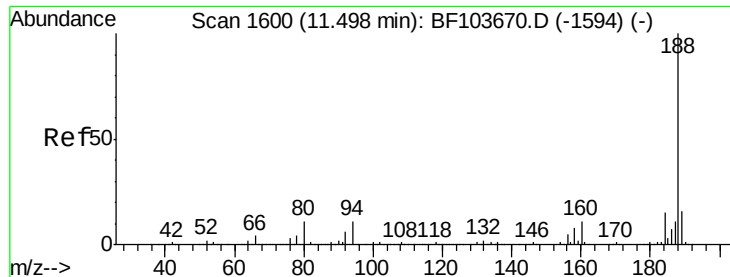
Tot Ion:330 Resp: 264715
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 35.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 106.749 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103731.D
 Acq: 17 Mar 2018 9:26

Tgt Ion:172 Resp: 1504926
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.5 19.6 29.4

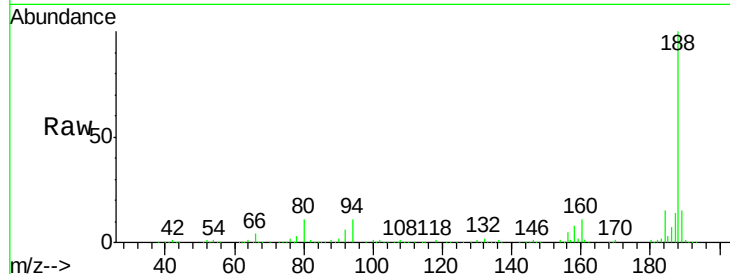




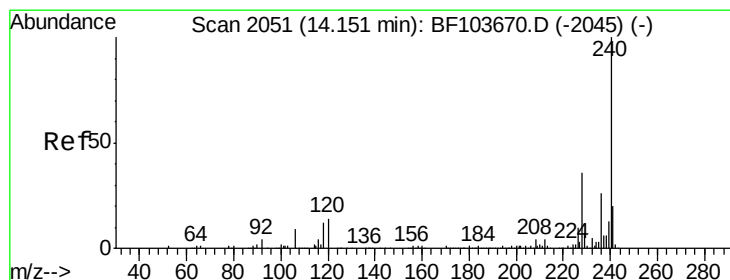
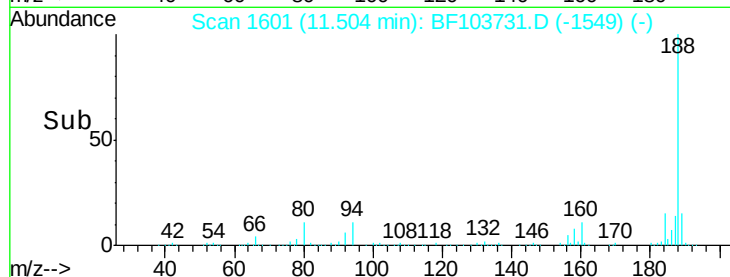
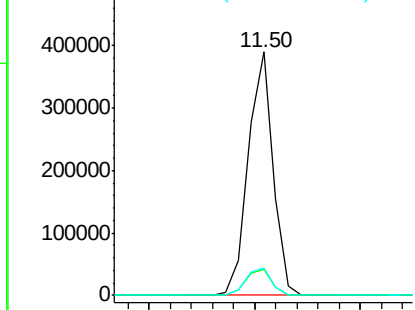
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampled :
LS-PIT-1

Tot Ion:188 Resp: 317778
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

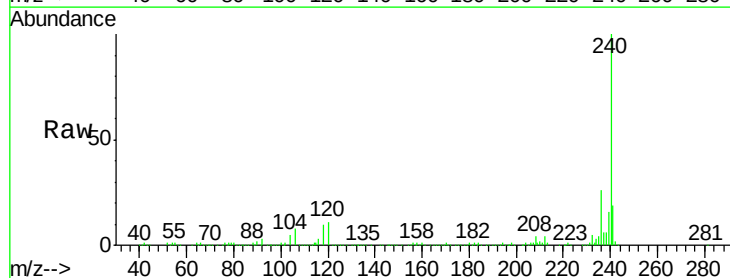


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

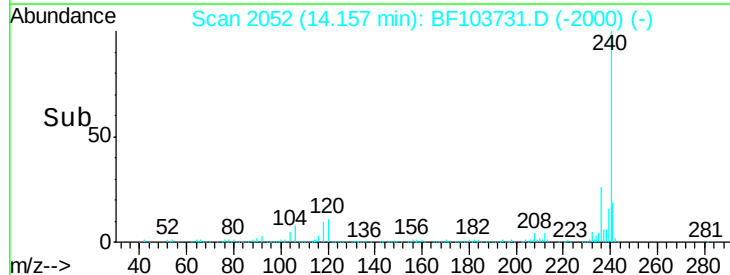
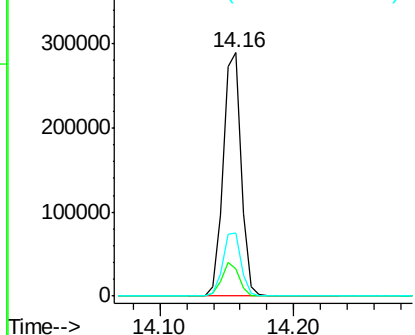


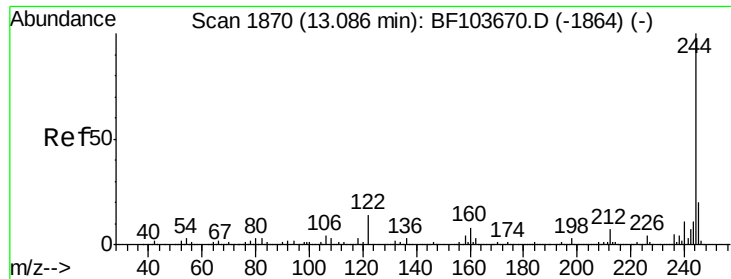
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:240 Resp: 278261
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.9 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: 90.415 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103731.D

Acq: 17 Mar 2018 9:26

Instrument :

BNA_F

ClientSampleId :

LS-PIT-1

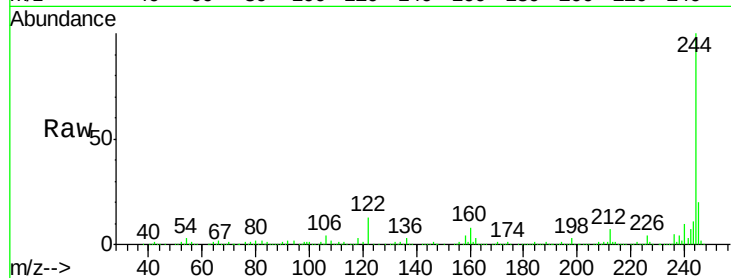
Tot Ion:244 Resp: 1083907

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

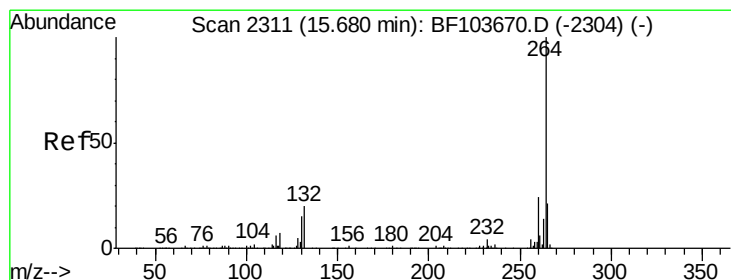
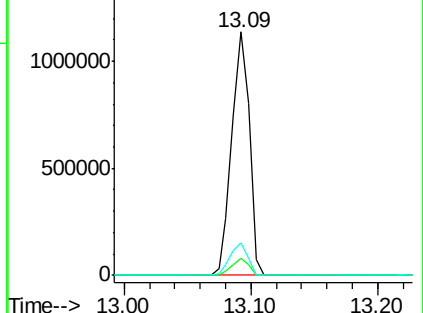
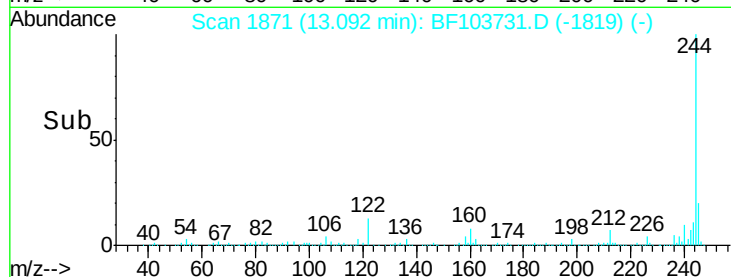
122 13.2 11.0 16.4



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: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF103731.D

Acq: 17 Mar 2018 9:26

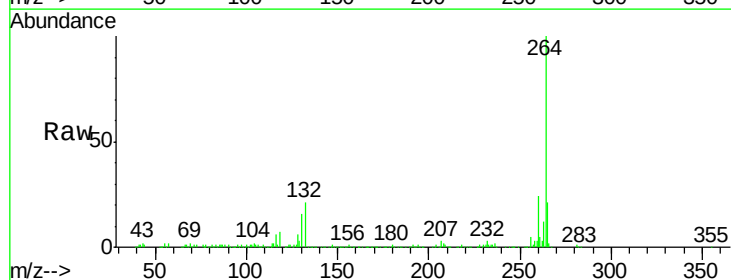
Tgt Ion:264 Resp: 222164

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

