

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103846.D
 Acq On : 22 Mar 2018 12:21
 Operator : JU/SJ
 Sample : J2003-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180320-04

Quant Time: Mar 22 17:03:30 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140197	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	569987	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278726	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	513716	20.00	ng	0.00
75) Chrysene-d12	14.16	240	388569	20.00	ng	0.00
86) Perylene-d12	15.69	264	324547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	345322	37.46	ng	0.00
7) Phenol-d6	6.58	99	313985	27.84	ng	-0.02
23) Nitrobenzene-d5	7.53	82	868174	106.22	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	228906	95.52	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1499026	85.79	ng	0.00
78) Terphenyl-d14	13.10	244	1508517	90.11	ng	0.00

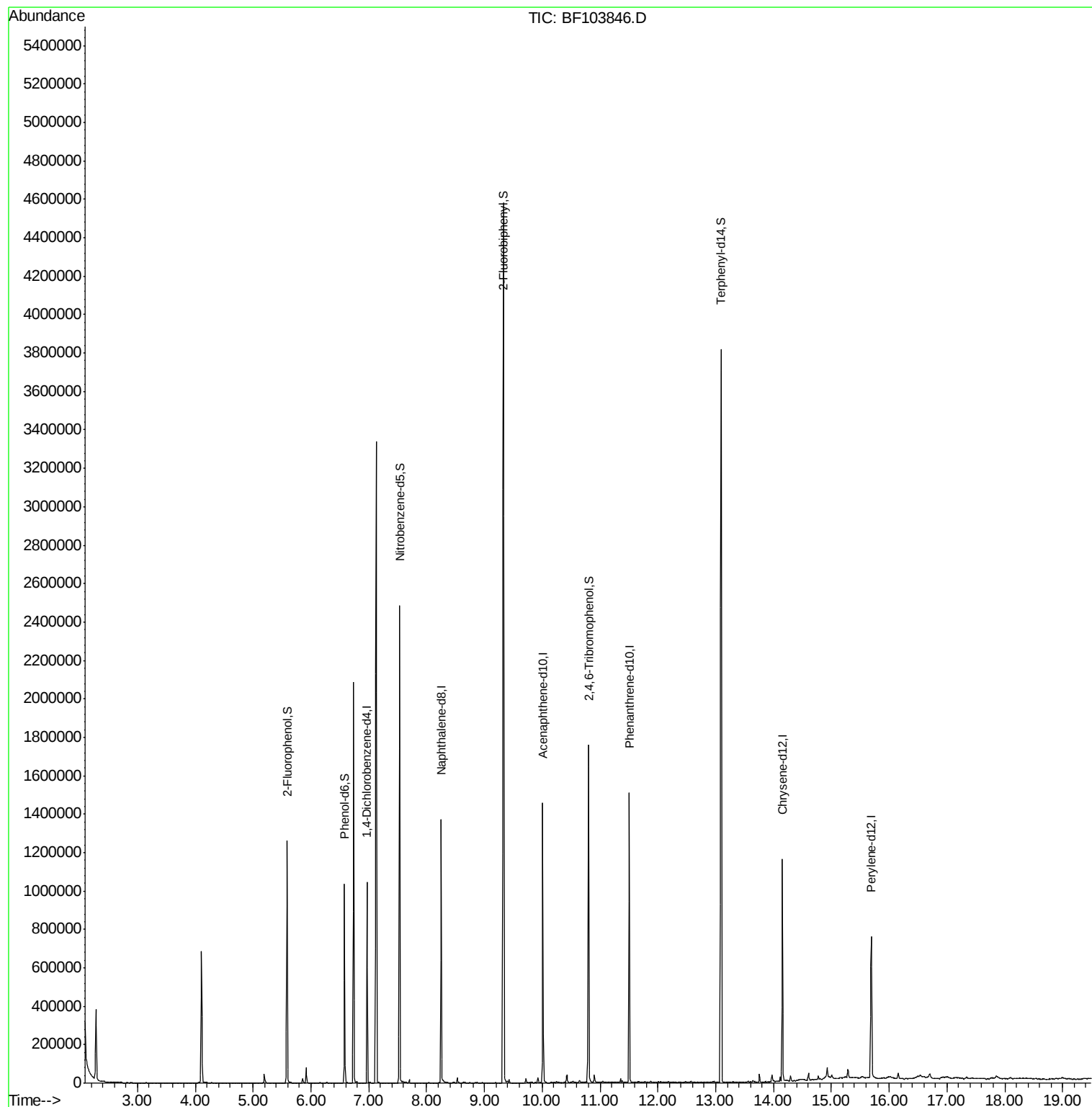
Target Compounds	Qvalue
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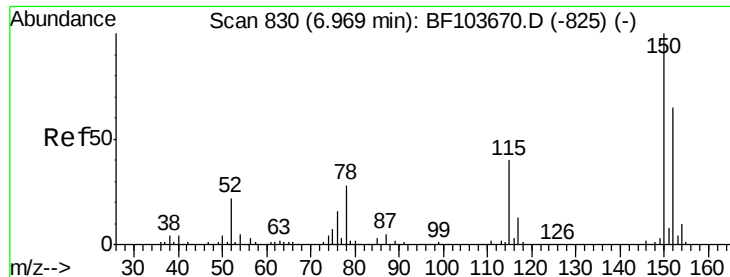
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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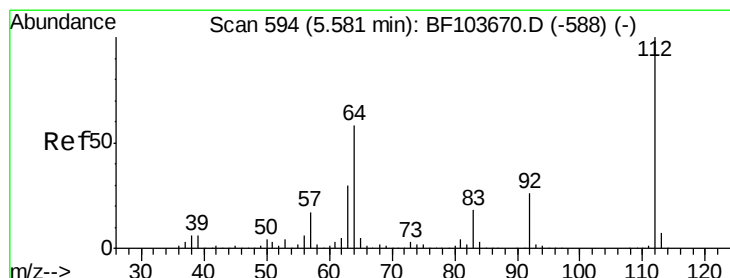
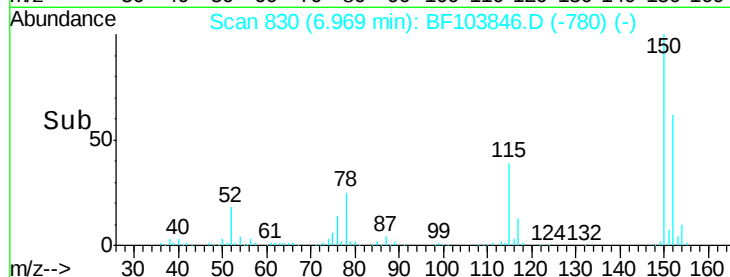
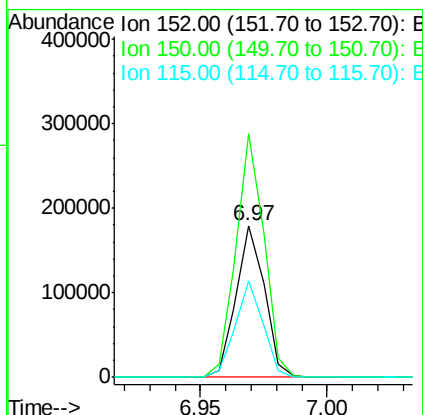
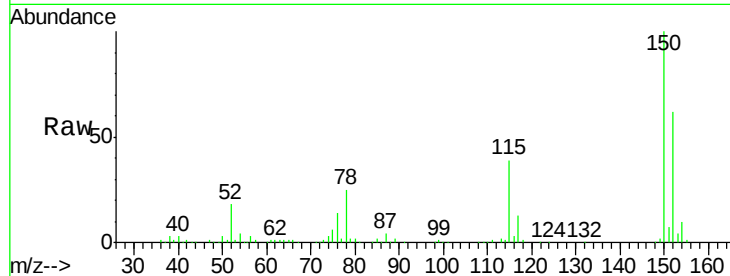


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Instrument :
BNA_F
ClientSampleId :
EFF-180320-04

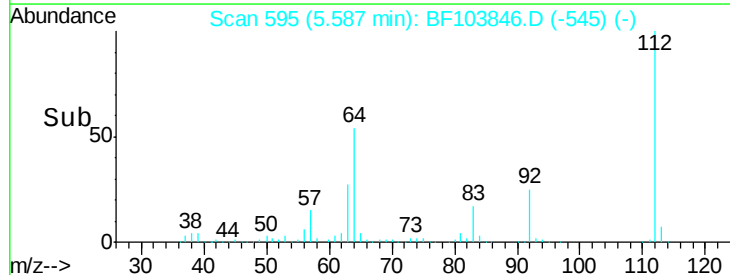
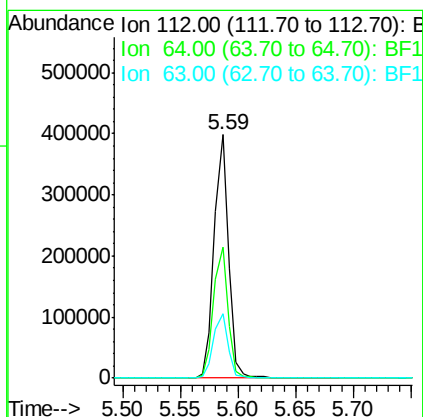
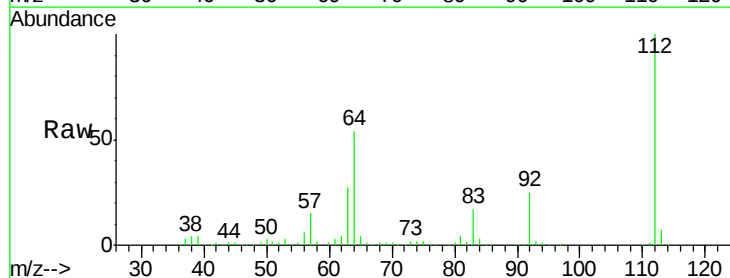
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	63.3	50.1	75.1

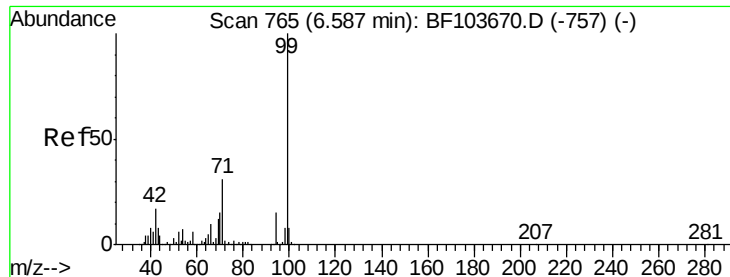


#5

2-Fluorophenol
Concen: 37.464 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 27.843 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

Instrument :

BNA_F

ClientSampleId :

EFF-180320-04

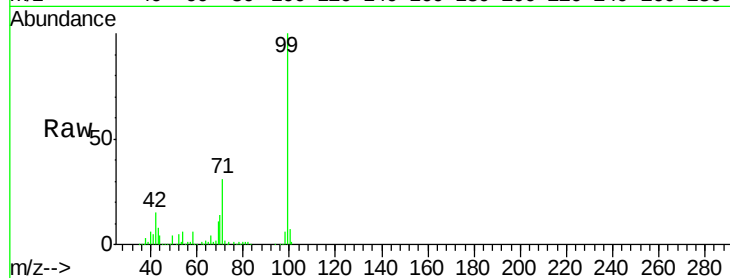
Tgt Ion: 99 Resp: 313985

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

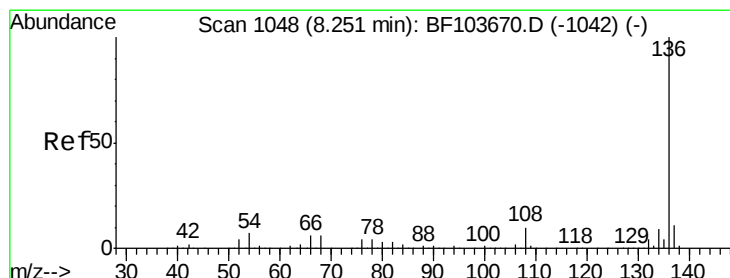
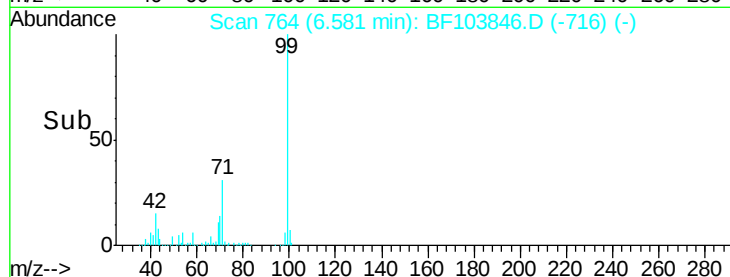
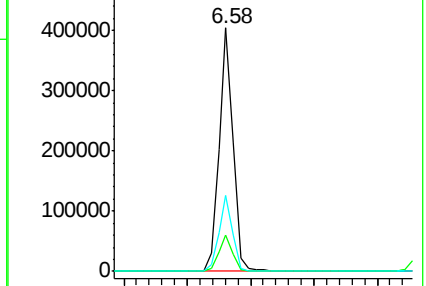
71 31.0 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103846.D

Acq: 22 Mar 2018 12:21

Tgt Ion: 136 Resp: 569987

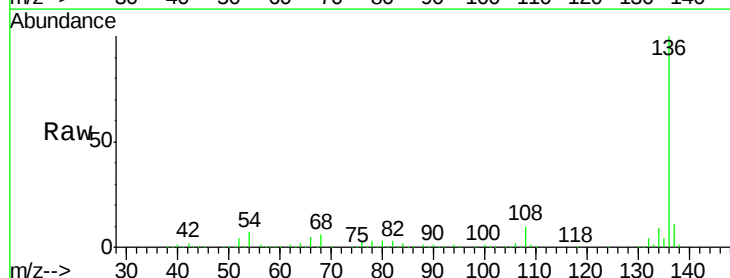
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.4 6.6 9.8

68 6.4 5.0 7.4

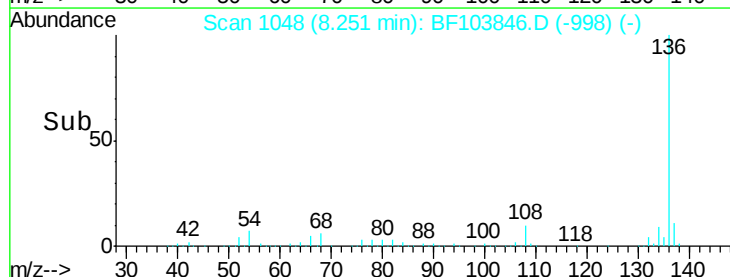
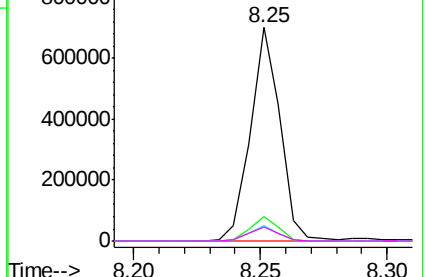


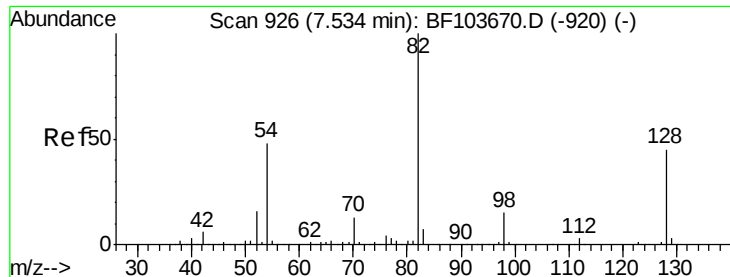
Abundance Ion 136.00 (135.70 to 136.70): E

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

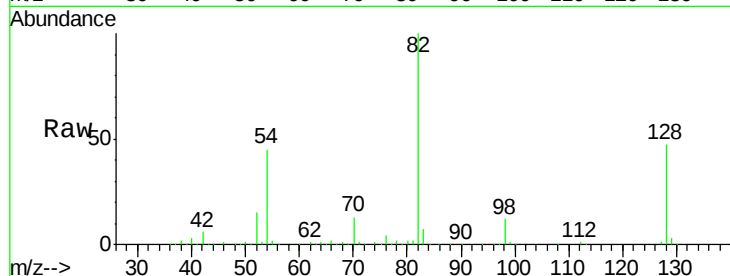




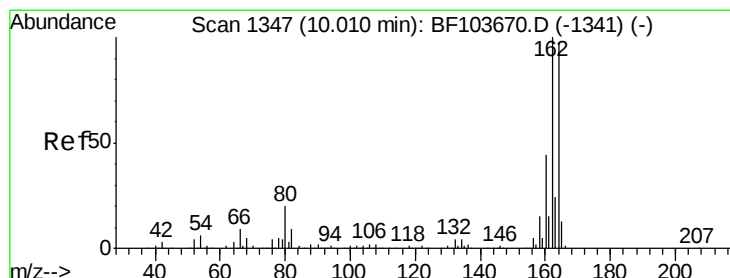
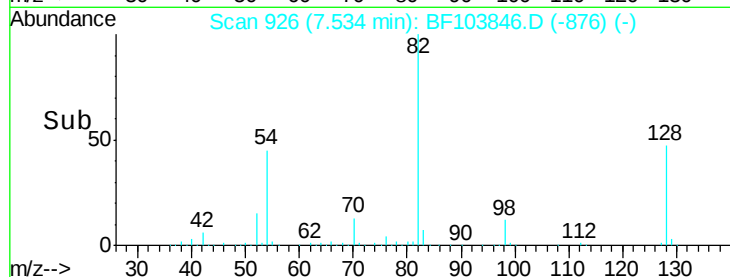
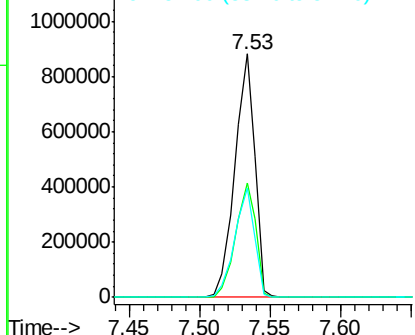
#23
 Nitrobenzene-d5
 Concen: 106.218 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180320-04

Tgt Ion: 82 Resp: 868174
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 44.9 41.4 62.2

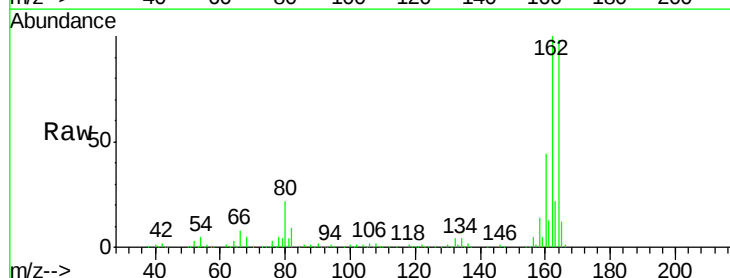


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

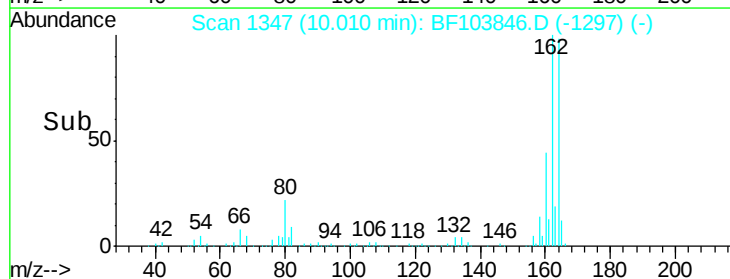
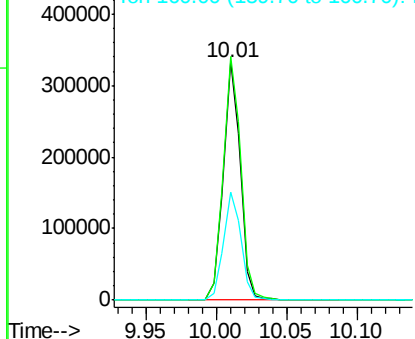


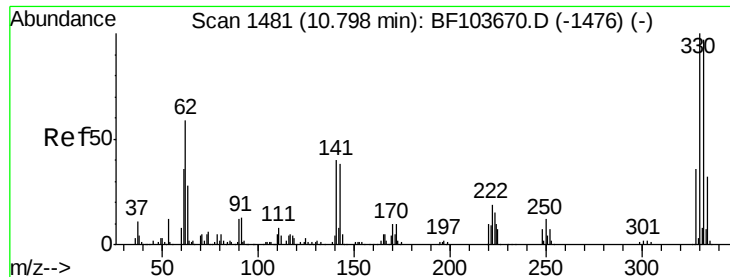
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion: 164 Resp: 278726
 Ion Ratio Lower Upper
 164 100
 162 102.1 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

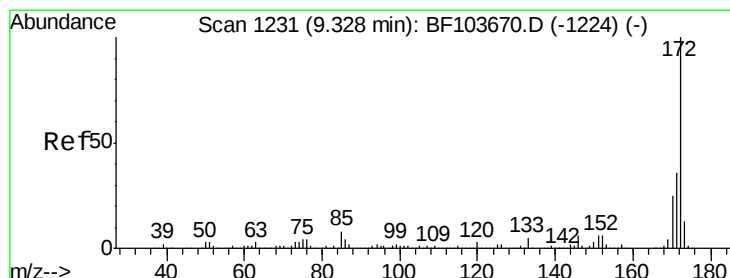
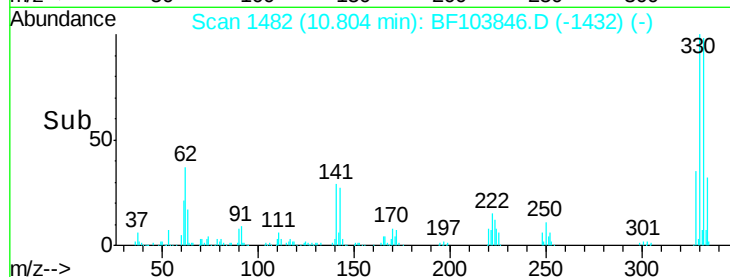
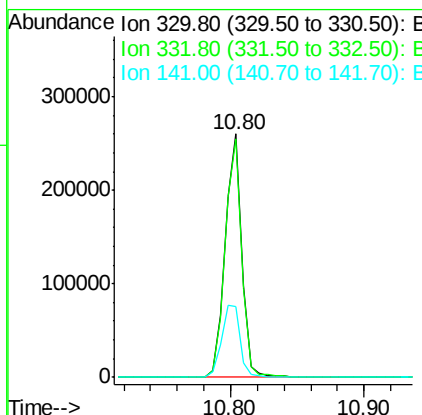
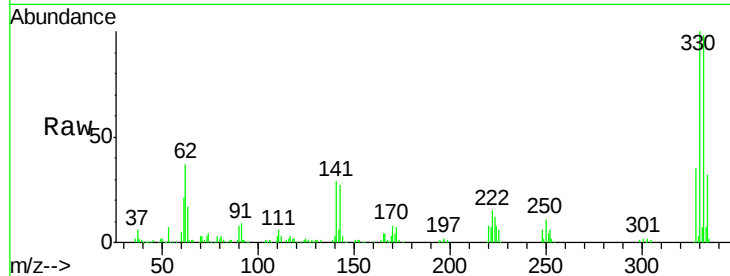




#41
 2,4,6-Tribromophenol
 Concen: 95.517 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

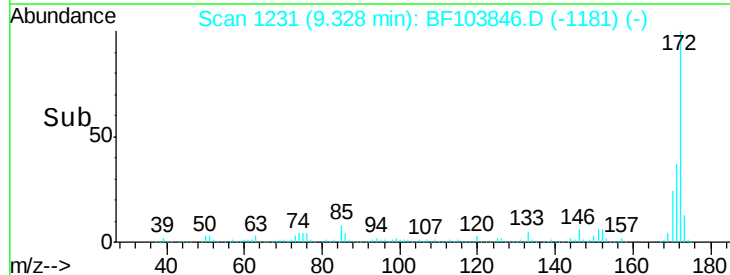
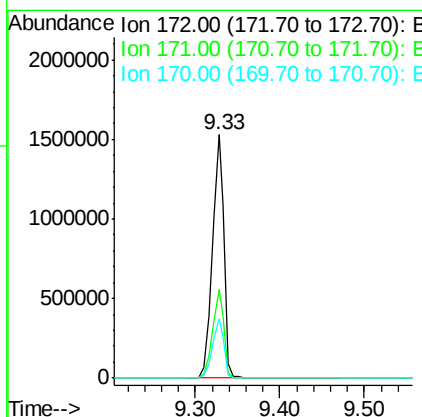
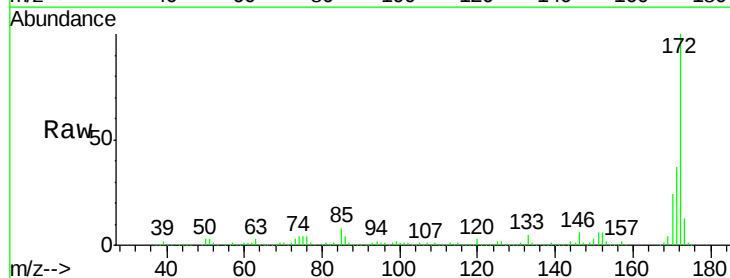
Instrument :
 BNA_F
 ClientSampleId :
 EFF-180320-04

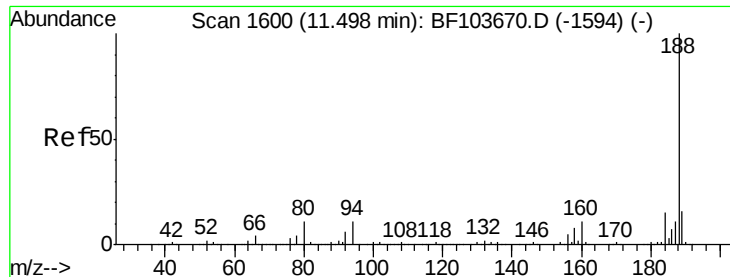
Tgt Ion:330 Resp: 228906
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 33.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 85.789 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion:172 Resp: 1499026
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4

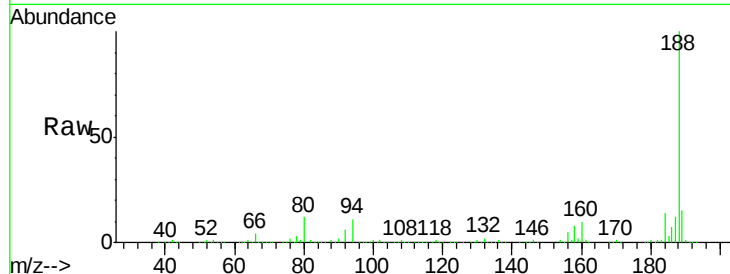




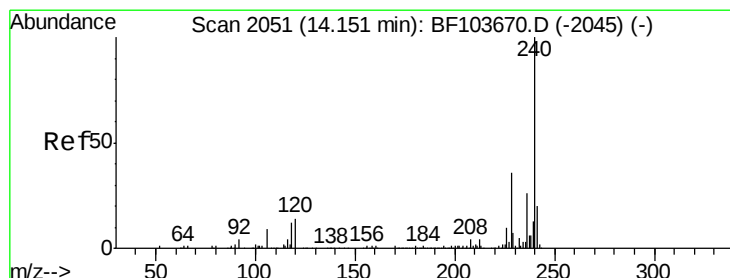
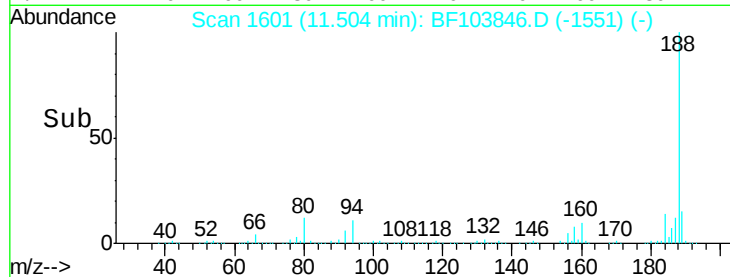
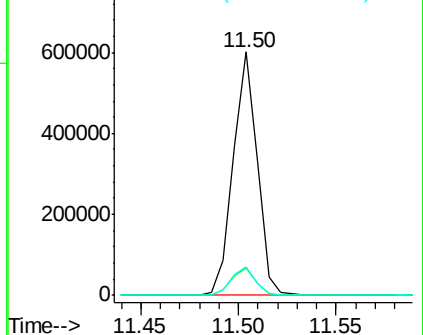
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Instrument :
BNA_F
ClientSampleId :
EFF-180320-04

Tgt Ion:188 Resp: 513716
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8

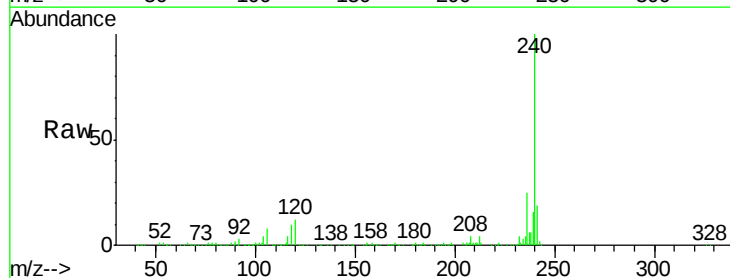


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

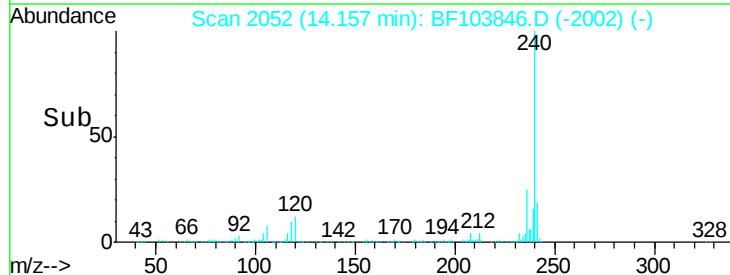
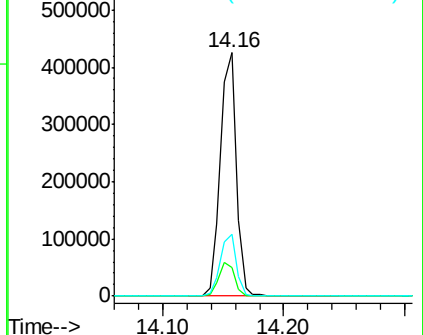


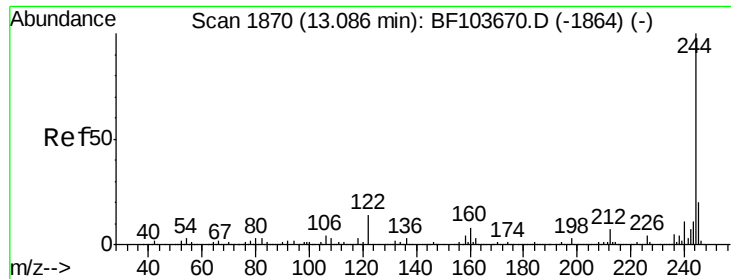
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103846.D
Acq: 22 Mar 2018 12:21

Tgt Ion:240 Resp: 388569
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.3 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

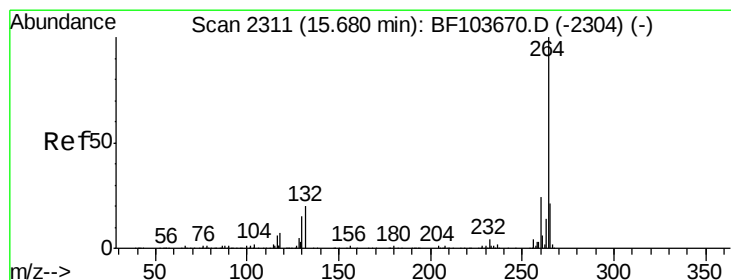
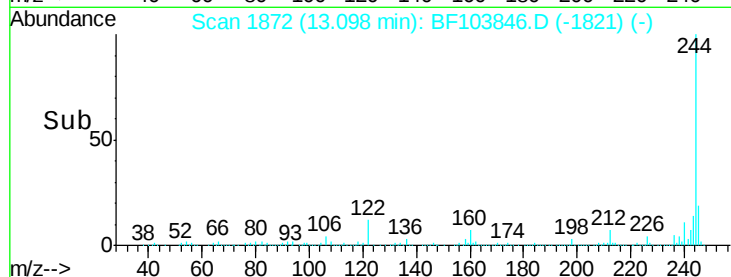
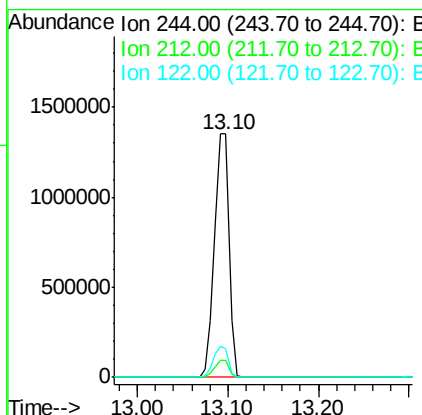
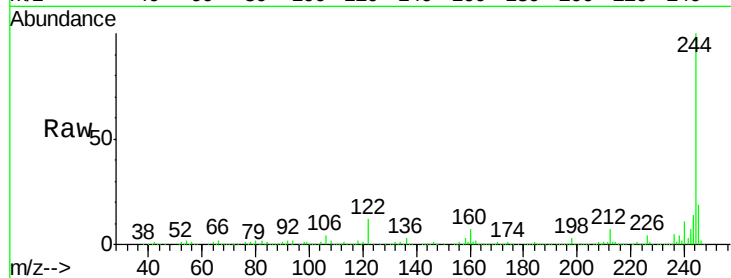




#78
 Terphenyl-d14
 Concen: 90.112 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180320-04

Tgt Ion:244 Resp: 1508517
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103846.D
 Acq: 22 Mar 2018 12:21

Tgt Ion:264 Resp: 324547
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 17.5 26.3

