

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103954.D
 Acq On : 27 Mar 2018 4:12
 Operator : JU/SJ
 Sample : J2046-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-02

Quant Time: Mar 27 08:51:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135074	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	546456	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	243416	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	389542	20.00	ng	0.00
75) Chrysene-d12	14.16	240	265195	20.00	ng	0.00
86) Perylene-d12	15.71	264	247939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	489434	55.11	ng	0.00
7) Phenol-d6	6.59	99	373954	34.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	848943	108.34	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	307282	146.82	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1462320	95.83	ng	0.00
78) Terphenyl-d14	13.10	244	1168753	102.30	ng	0.00

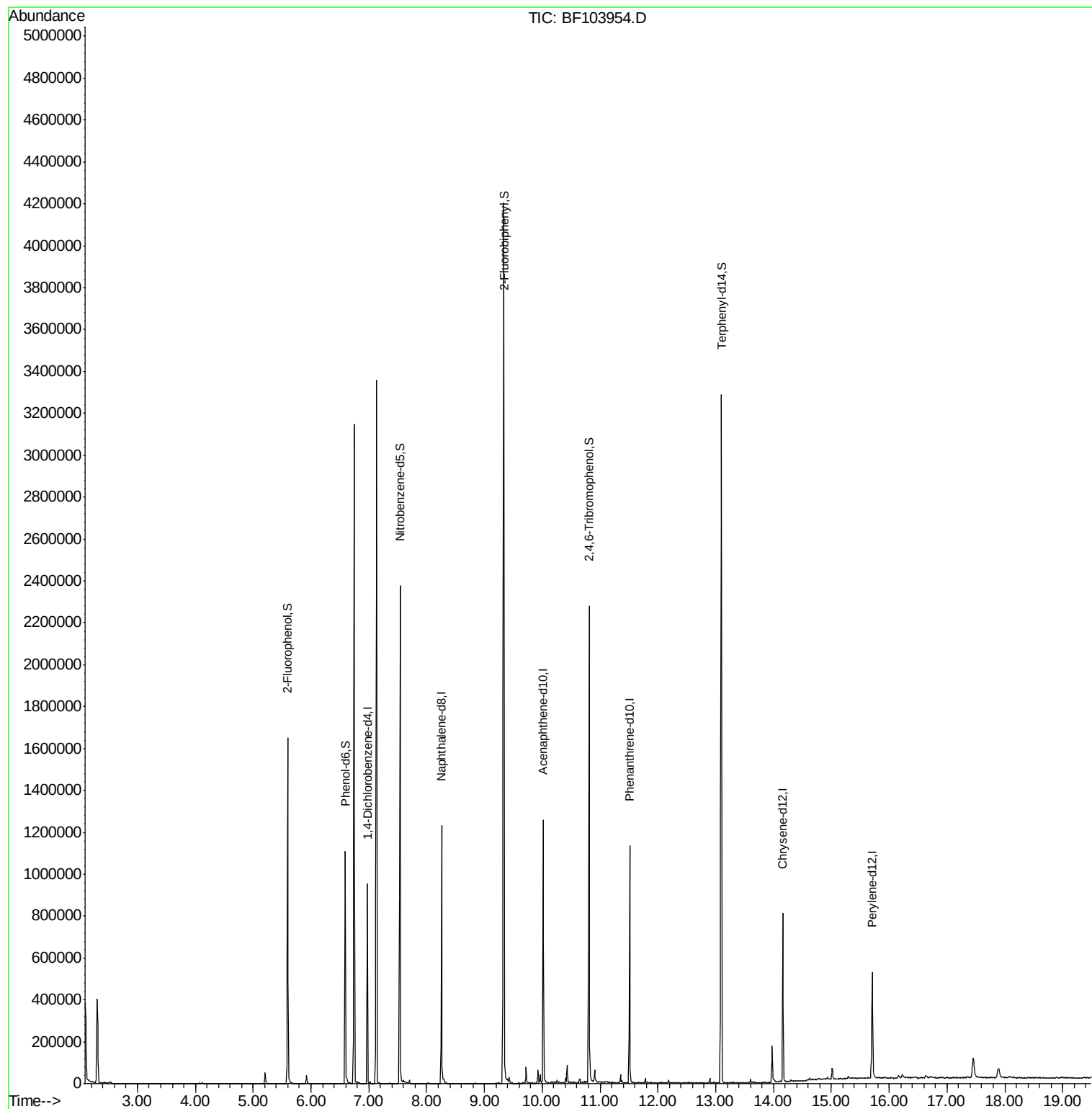
Target Compounds Qvalue

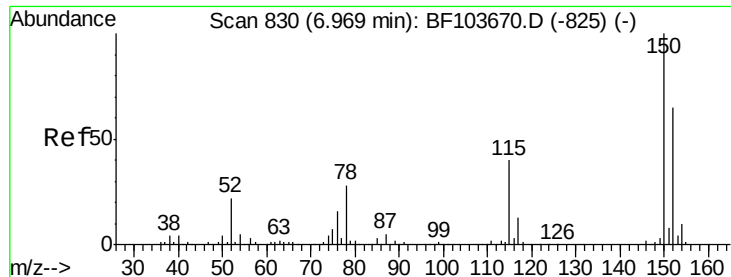
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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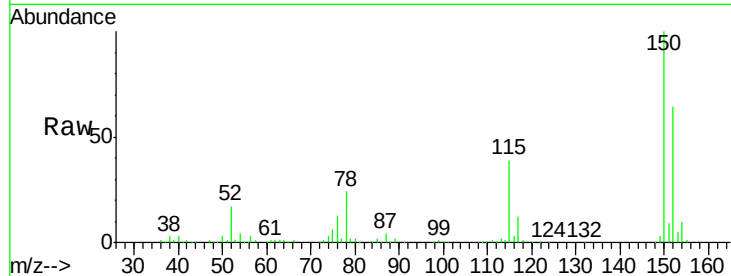


#1

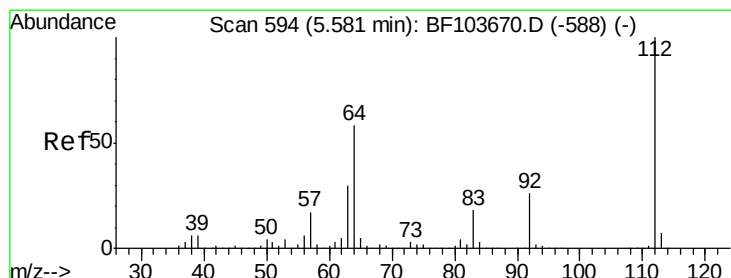
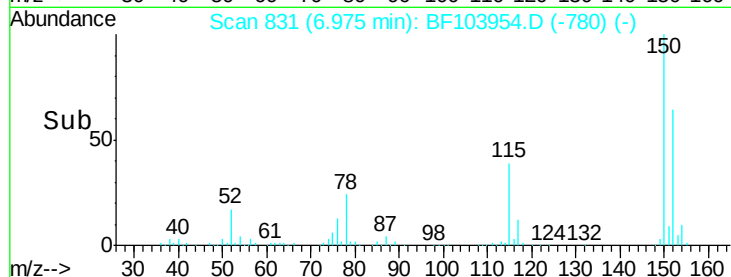
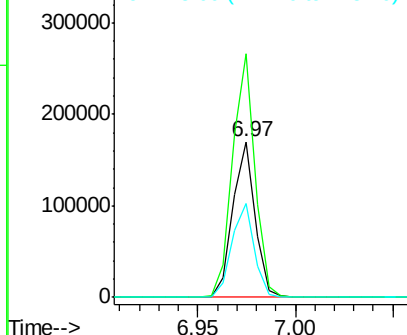
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103954.D
Acq: 27 Mar 2018 4:12

Instrument :
BNA_F
ClientSampleId :
TW-02

Tot Ion:152 Resp: 135074
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.5 50.1 75.1



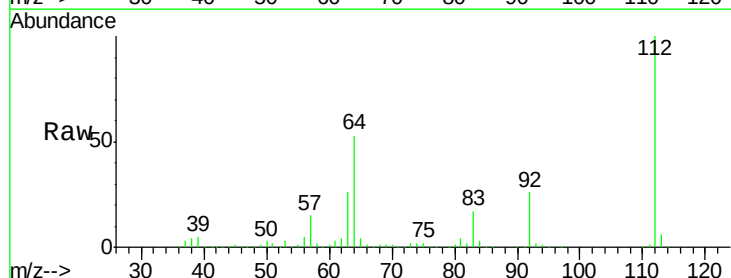
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



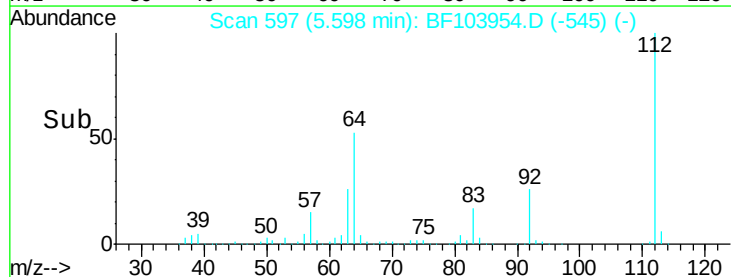
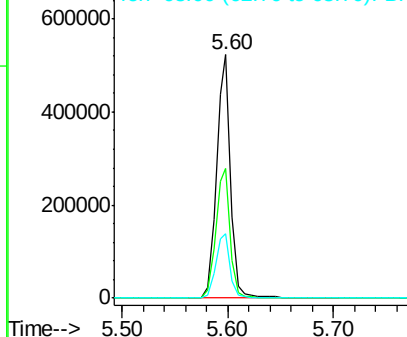
#5

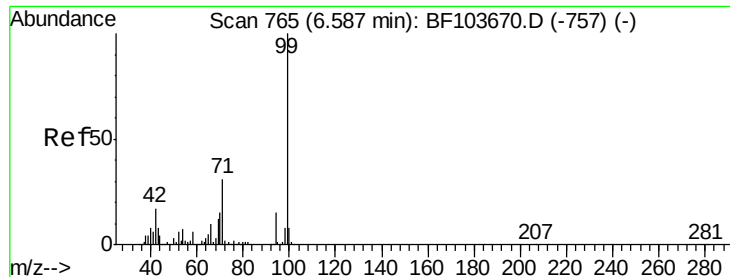
2-Fluorophenol
Concen: 55.112 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103954.D
Acq: 27 Mar 2018 4:12

Tgt Ion:112 Resp: 489434
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 26.4 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: 34.419 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103954.D

Acq: 27 Mar 2018 4:12

Instrument :

BNA_F

ClientSampleId :

TW-02

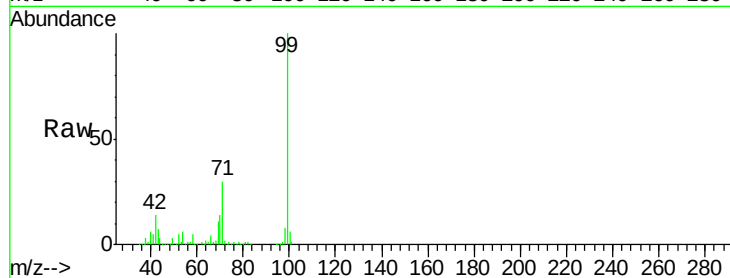
Tot Ion: 99 Resp: 373954

Ion Ratio Lower Upper

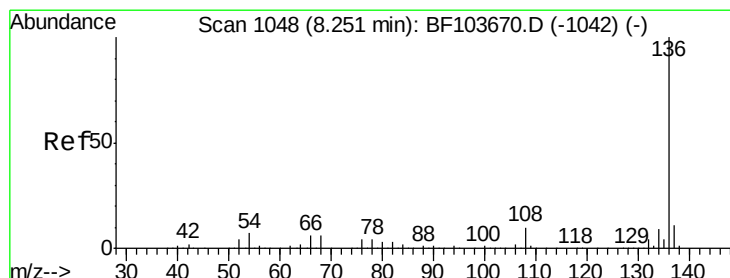
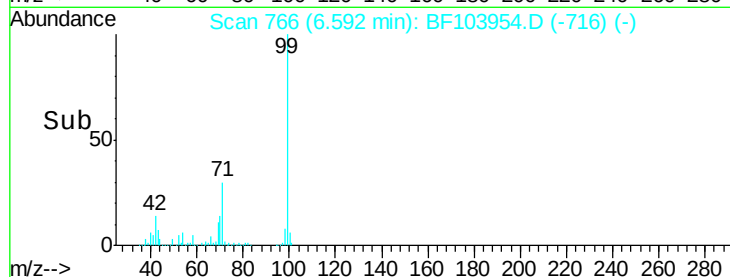
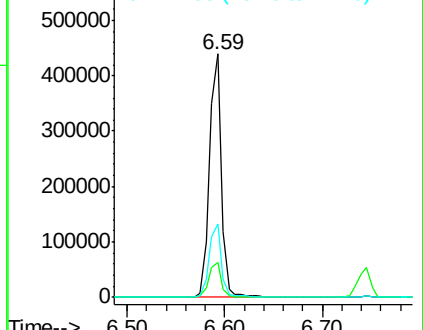
99 100

42 14.4 14.5 21.7#

71 29.9 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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103954.D

Acq: 27 Mar 2018 4:12

Tgt Ion: 136 Resp: 546456

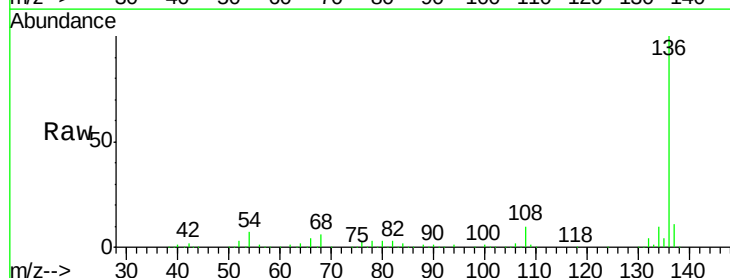
Ion Ratio Lower Upper

136 100

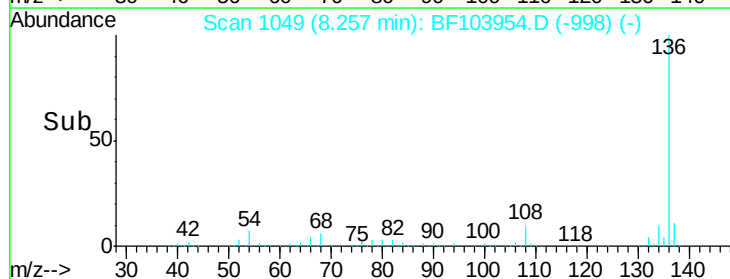
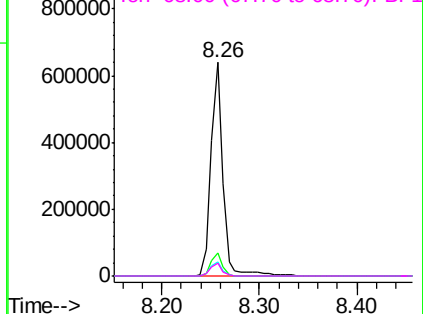
137 10.9 8.9 13.3

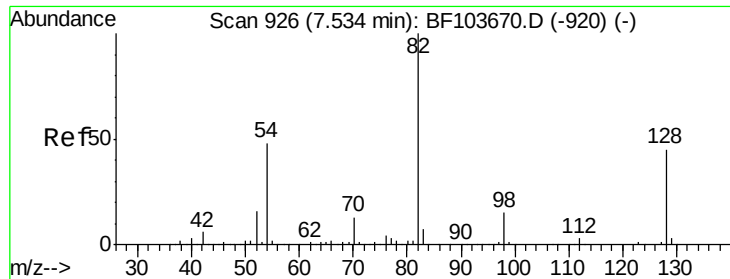
54 6.7 6.6 9.8

68 5.8 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

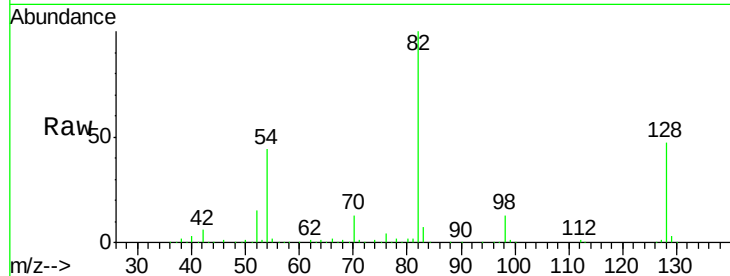




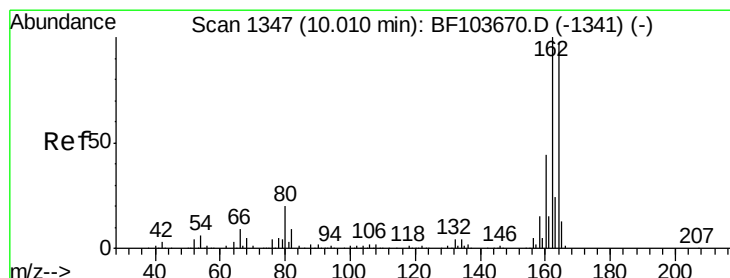
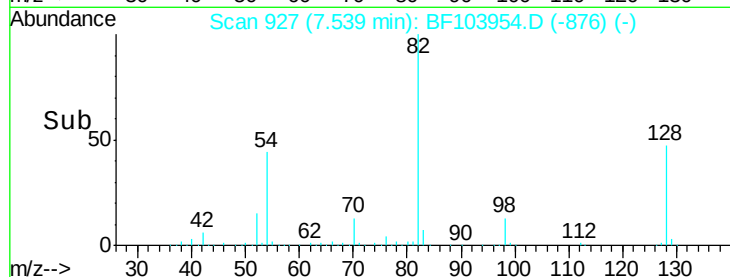
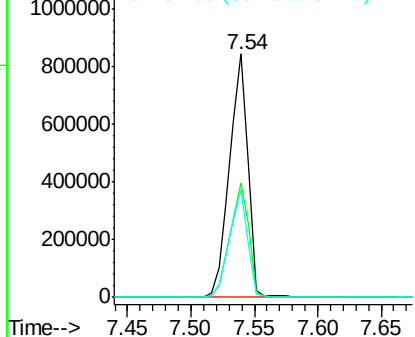
#23
Nitrobenzene-d5
Concen: 108.338 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103954.D
Acq: 27 Mar 2018 4:12

Instrument :
BNA_F
ClientSampled :
TW-02

Tot Ion: 82 Resp: 848943
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.5 41.4 62.2

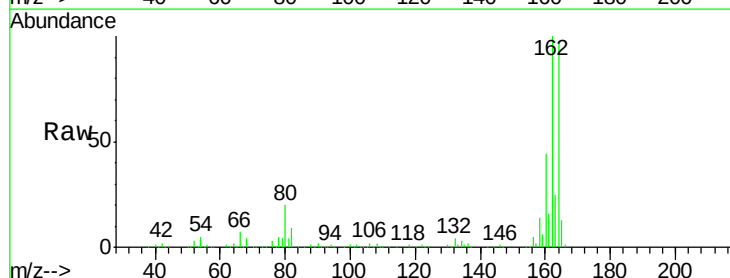


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

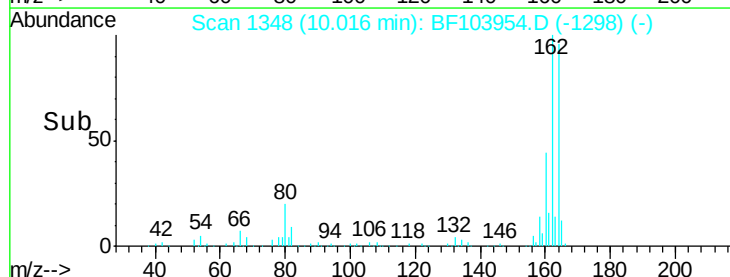
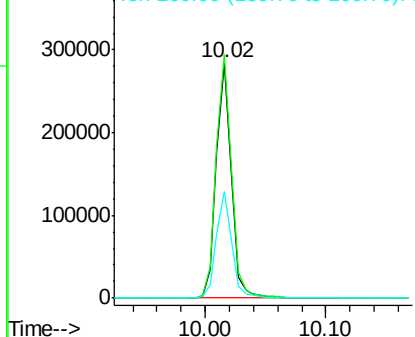


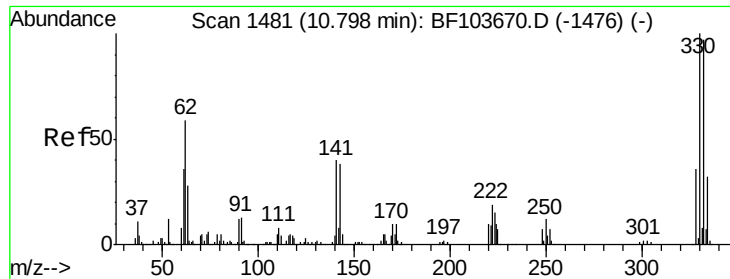
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103954.D
Acq: 27 Mar 2018 4:12

Tgt Ion:164 Resp: 243416
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.6 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

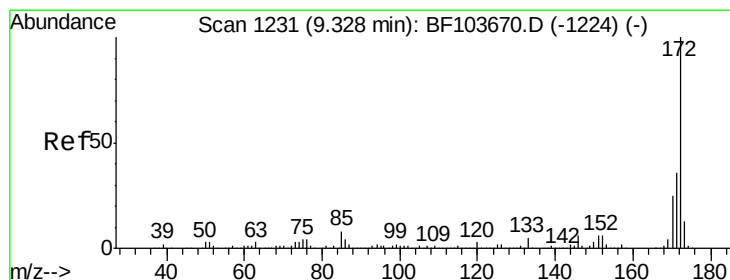
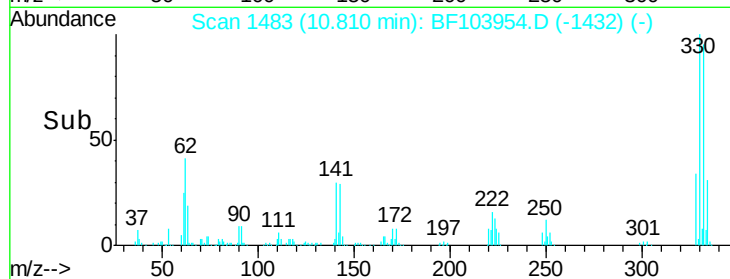
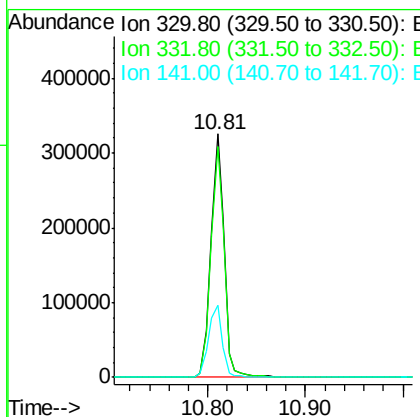
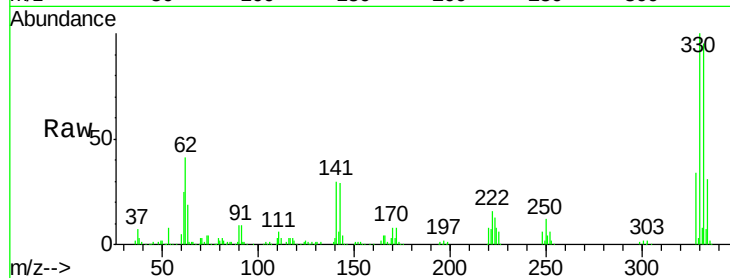




#41
 2,4,6-Tribromophenol
 Concen: 146.821 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

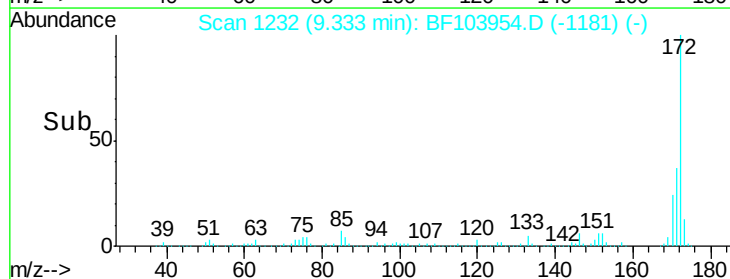
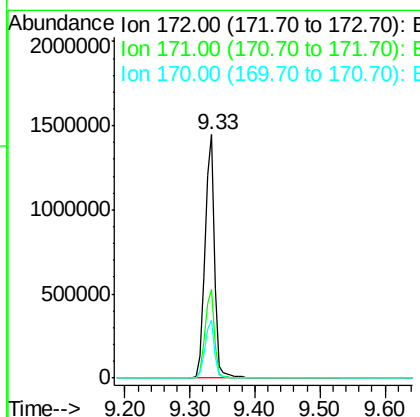
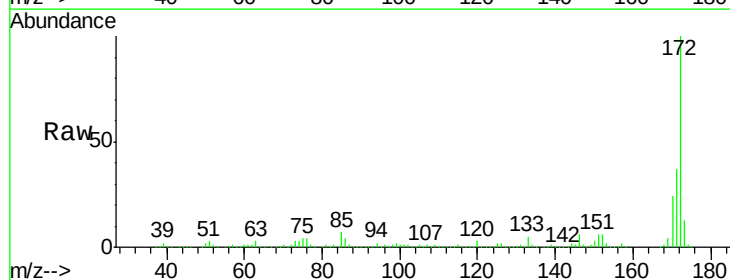
Instrument :
 BNA_F
 ClientSampleId :
 TW-02

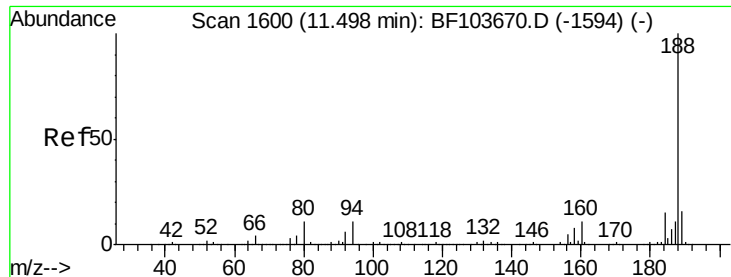
Tot Ion:330 Resp: 307282
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 95.829 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

Tgt Ion:172 Resp: 1462320
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.9 19.6 29.4

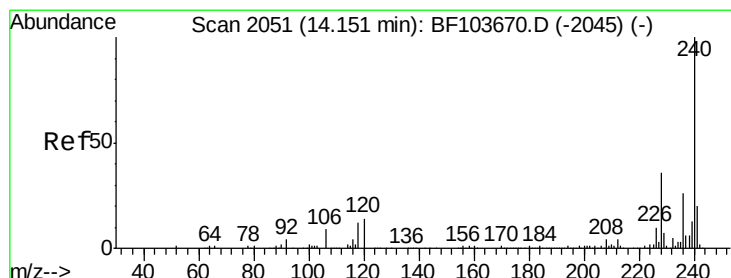
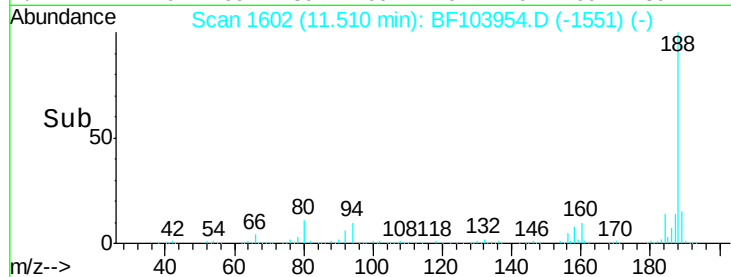
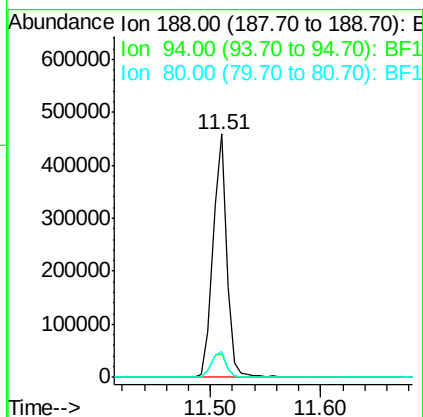
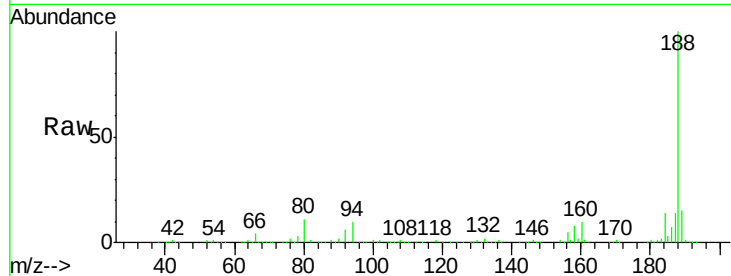




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

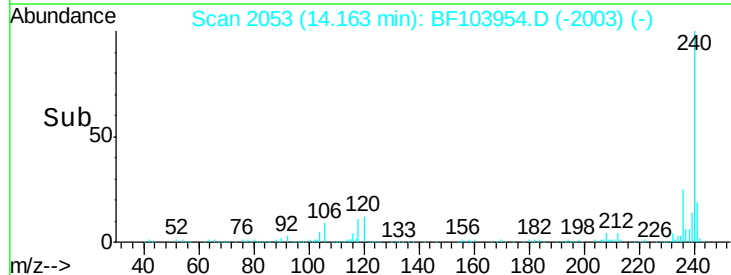
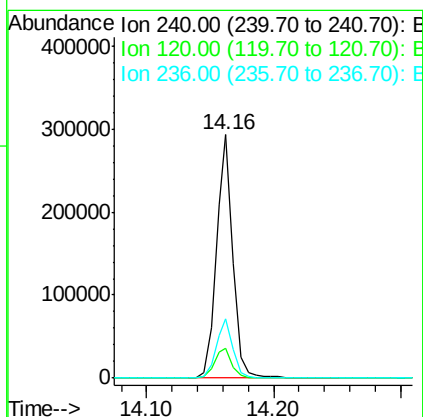
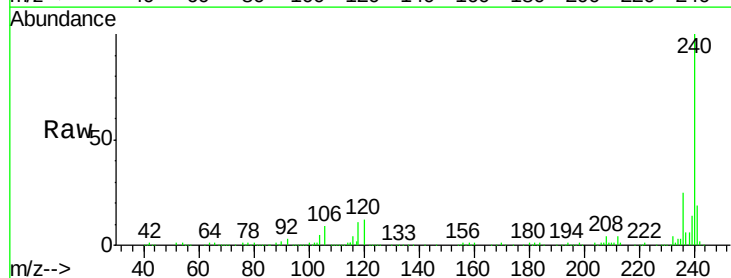
Instrument :
 BNA_F
 ClientSampleId :
 TW-02

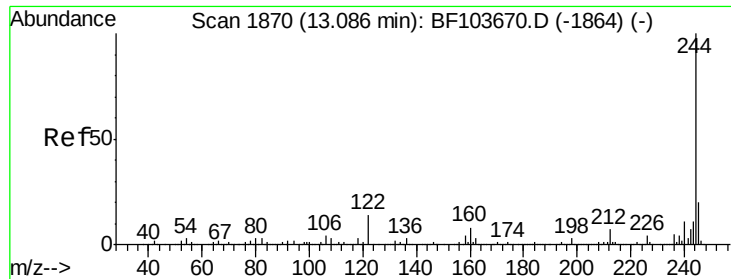
Tot Ion:188 Resp: 389542
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.5 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

Tgt Ion:240 Resp: 265195
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 24.6 20.7 31.1

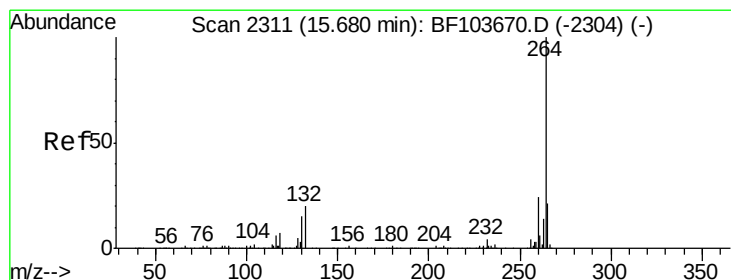
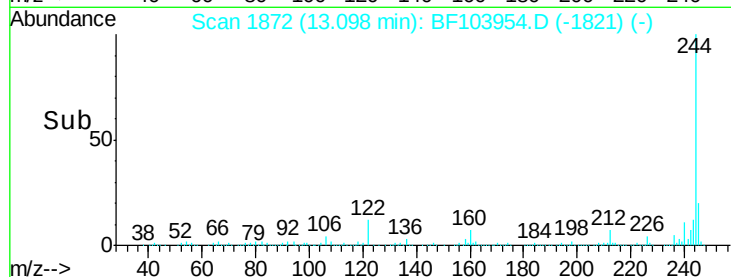
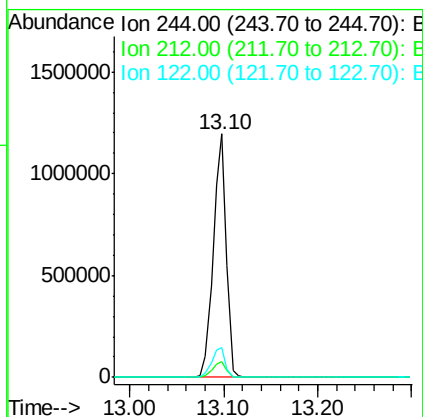
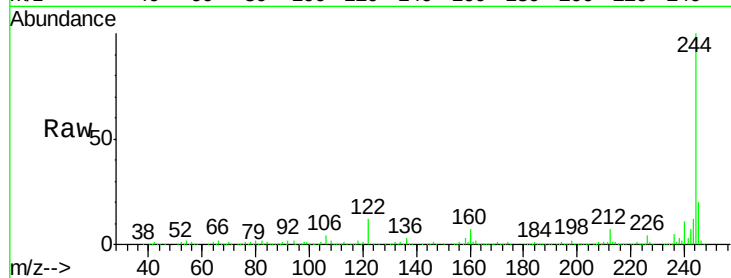




#78
 Terphenyl-d14
 Concen: 102.296 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :
 TW-02

Tot Ion:244 Resp: 1168753
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103954.D
 Acq: 27 Mar 2018 4:12

Tgt Ion:264 Resp: 247939
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.6 17.5 26.3

