

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103967.D
 Acq On : 27 Mar 2018 10:45
 Operator : JU/SJ
 Sample : PB107629TB
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107629TB

Quant Time: Mar 27 12:01:53 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	141619	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	579452	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263803	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	428243	20.00	ng	0.00
75) Chrysene-d12	14.16	240	281689	20.00	ng	0.00
86) Perylene-d12	15.70	264	238235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	858497	92.20	ng	0.01
7) Phenol-d6	6.60	99	1030977	90.51	ng	0.00
23) Nitrobenzene-d5	7.53	82	630447	75.87	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	246166	108.53	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1167034	70.57	ng	0.00
78) Terphenyl-d14	13.09	244	953266	78.55	ng	0.00

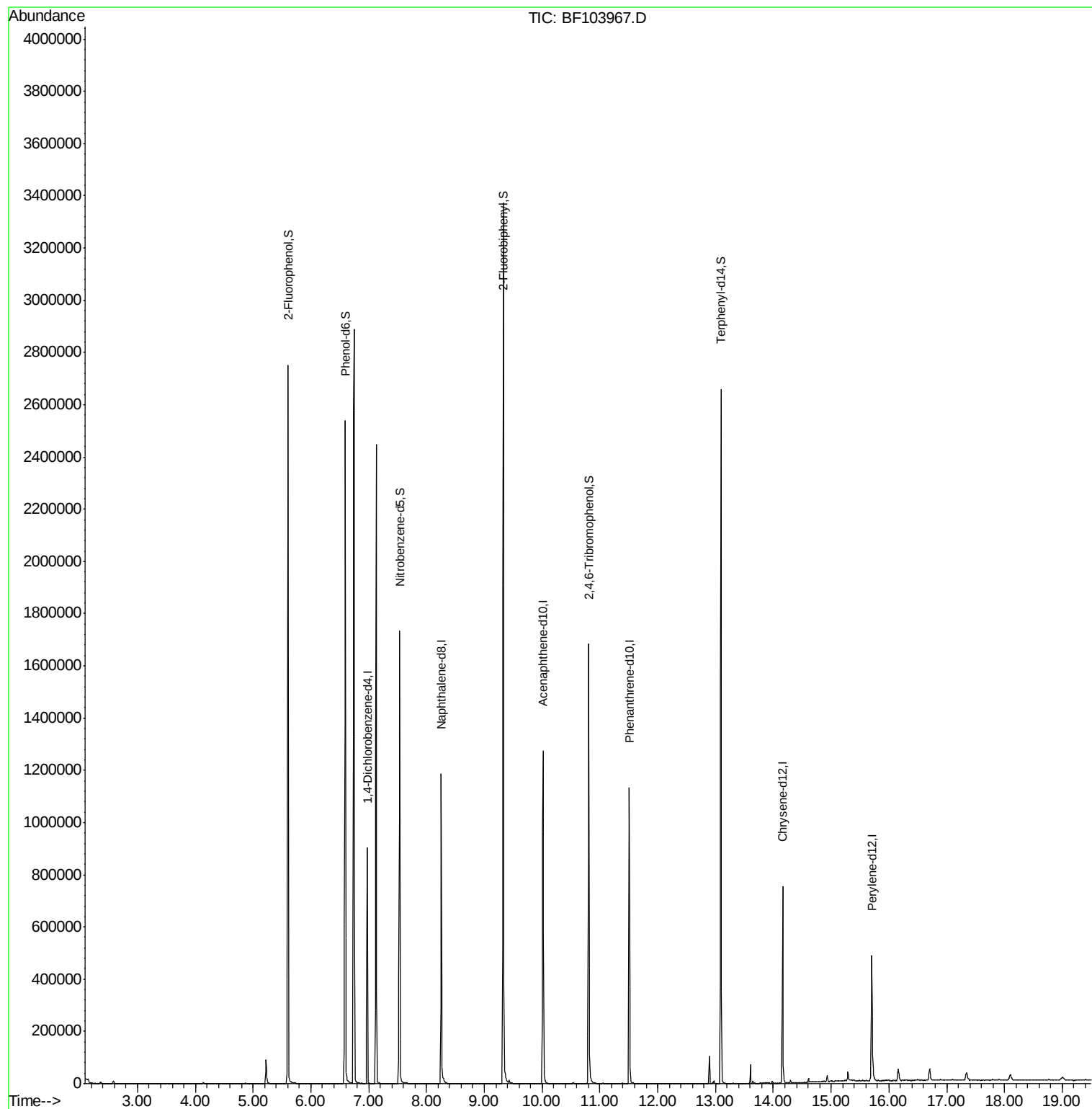
Target Compounds Qvalue

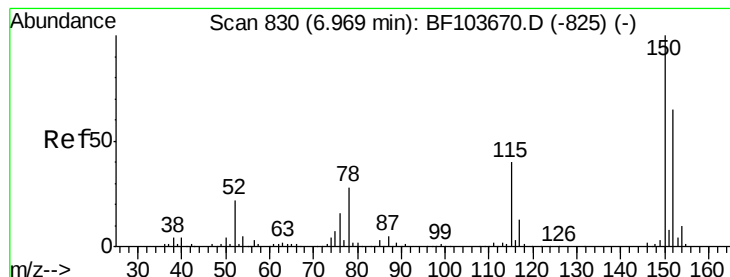
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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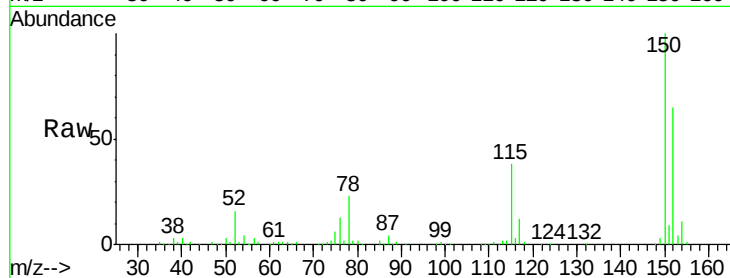


#1

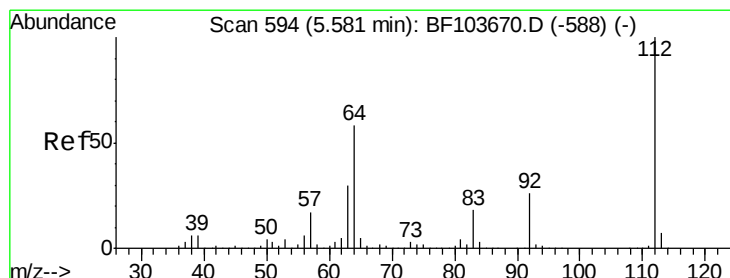
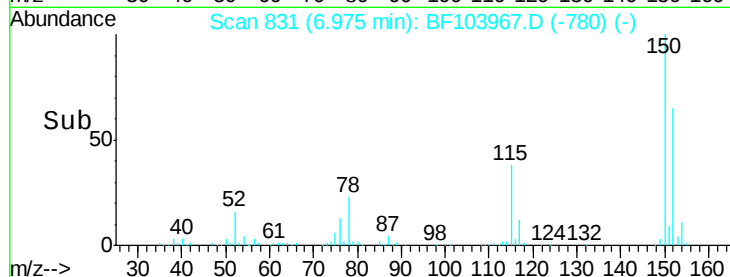
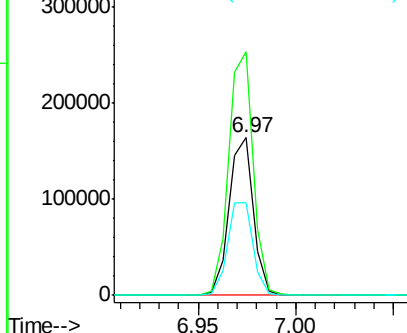
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :
PB107629TB

Tot Ion:152 Resp: 141619
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.5 50.1 75.1



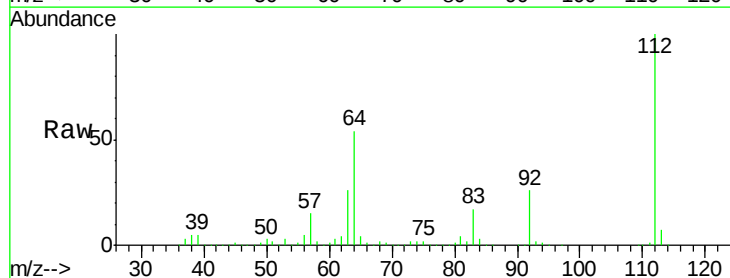
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



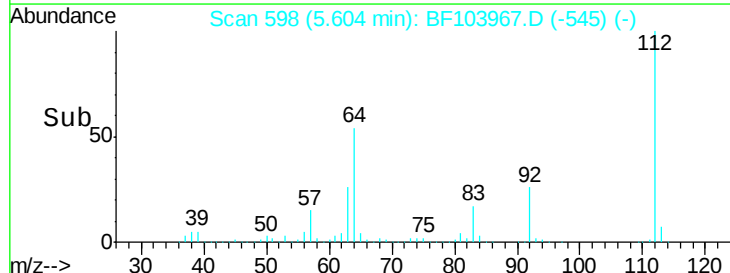
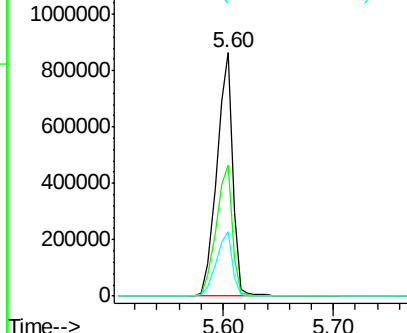
#5

2-Fluorophenol
Concen: 92.203 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:112 Resp: 858497
Ion Ratio Lower Upper
112 100
64 53.6 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: 90.506 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103967.D

Acq: 27 Mar 2018 10:45

Instrument :

BNA_F

ClientSampleId :

PB107629TB

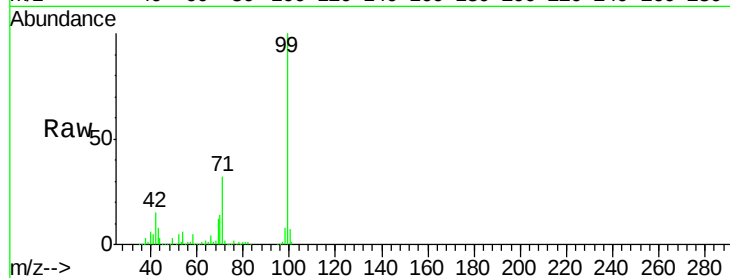
Tot Ion: 99 Resp: 1030977

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

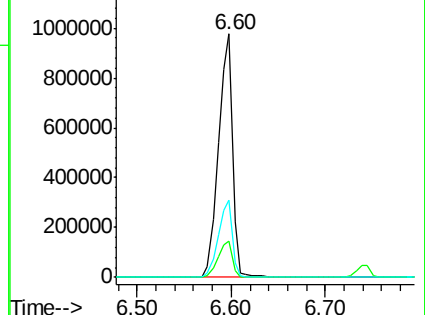
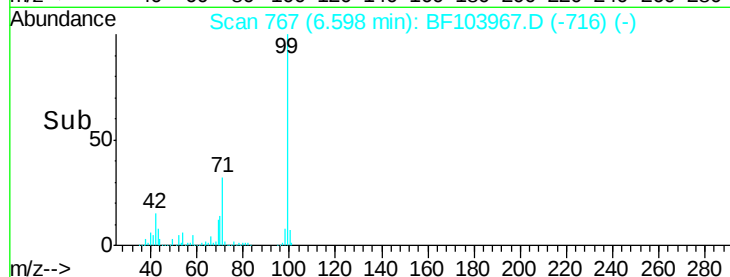
71 31.6 25.4 38.0



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: BF103967.D

Acq: 27 Mar 2018 10:45

Tgt Ion: 136 Resp: 579452

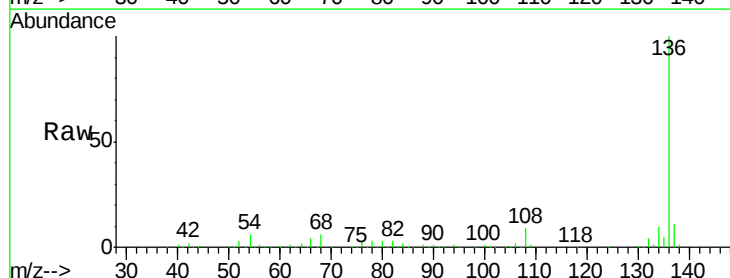
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.8 5.0 7.4

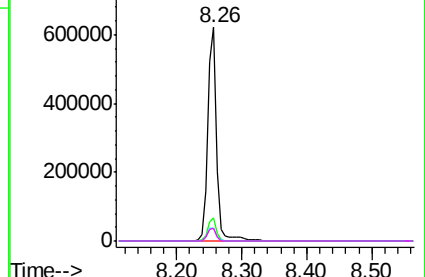
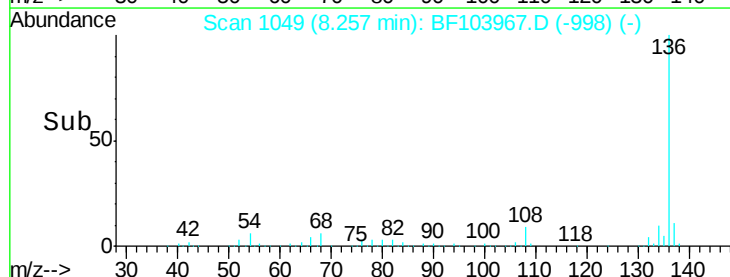


Abundance Ion 136.00 (135.70 to 136.70): E

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

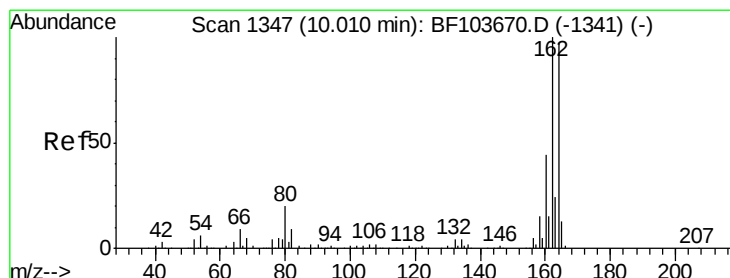
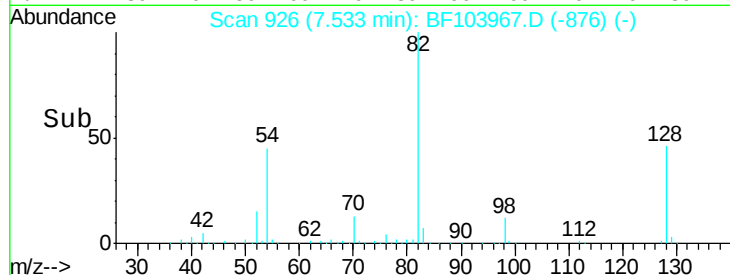
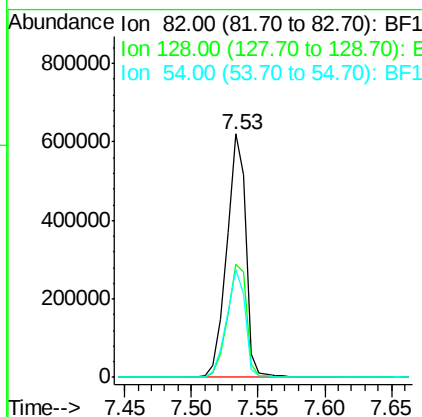
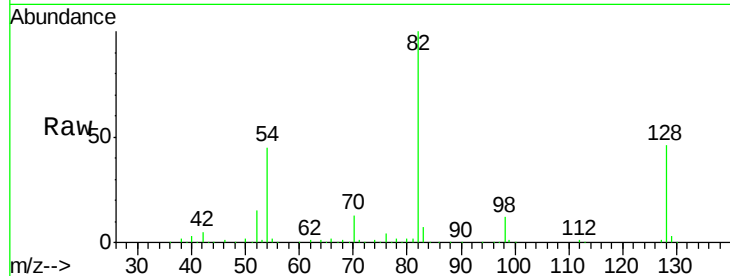




#23
 Nitrobenzene-d5
 Concen: 75.873 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

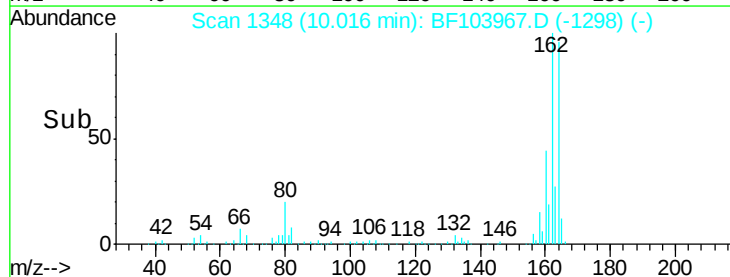
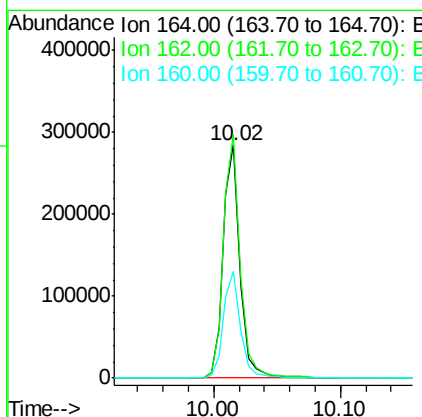
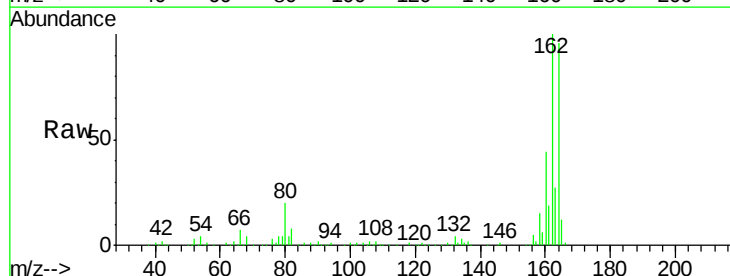
Instrument :
 BNA_F
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 PB107629TB

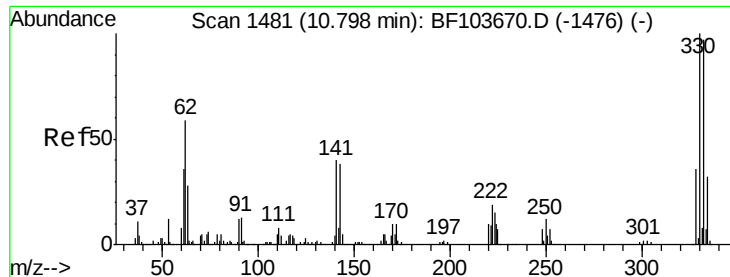
Tot Ion	82	Resp	630447
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	44.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

Tgt Ion	164	Resp	263803
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	45.7	38.3	57.5

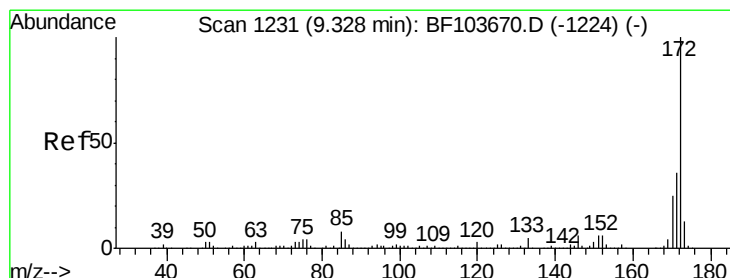
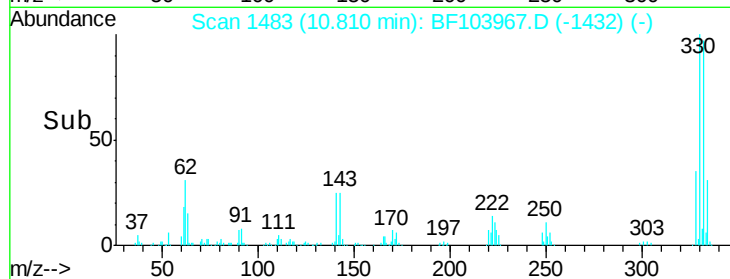
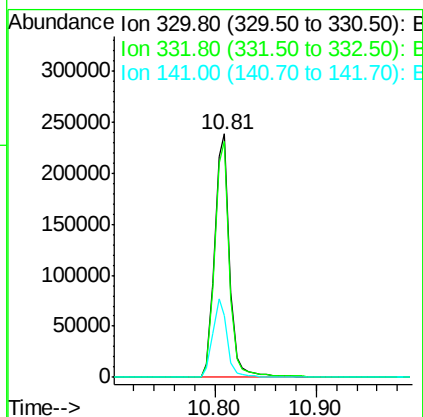
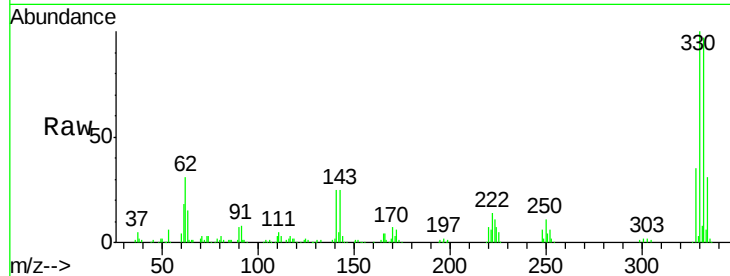




#41
 2,4,6-Tribromophenol
 Concen: 108.529 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

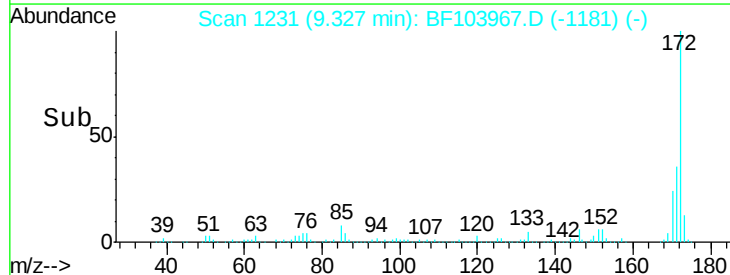
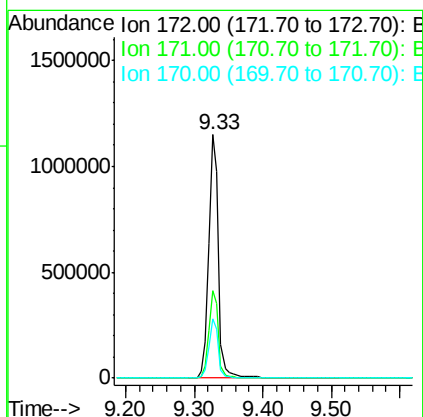
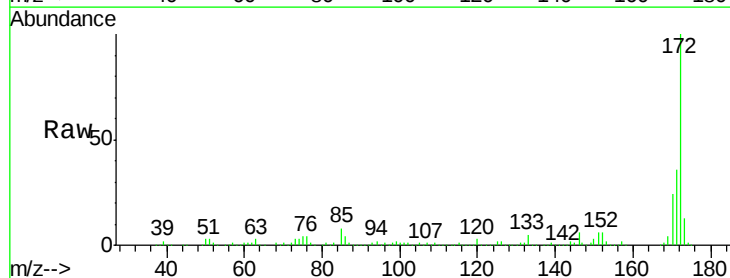
Instrument :
 BNA_F
 ClientSampleId :
 PB107629TB

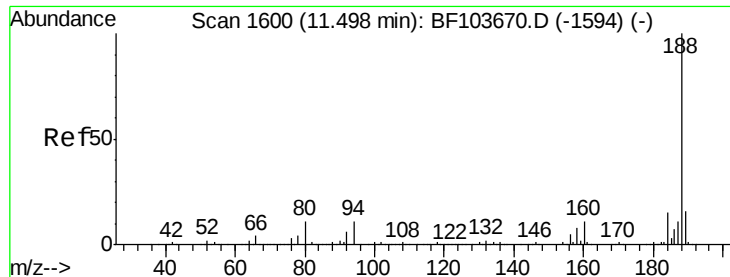
Tot Ion:330 Resp: 246166
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 70.568 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

Tgt Ion:172 Resp: 1167034
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 19.6 29.4

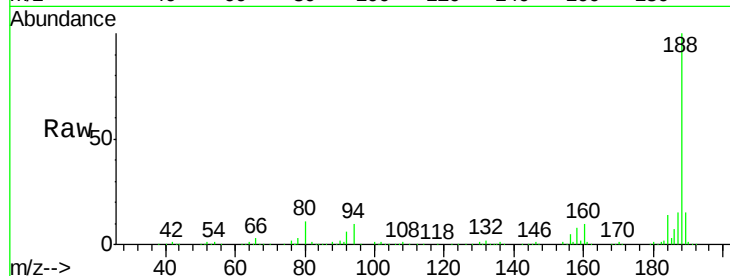




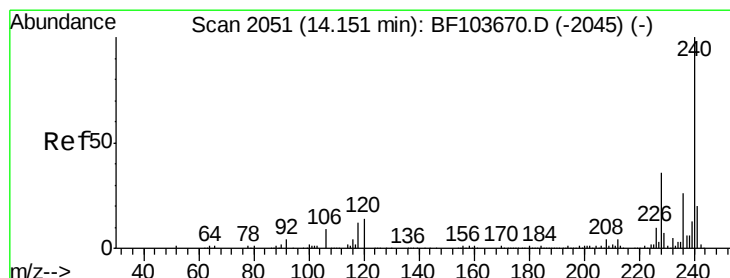
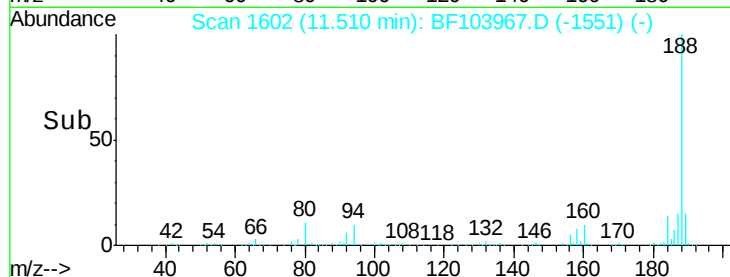
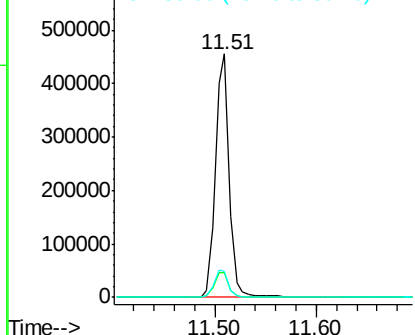
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB107629TB

Tot Ion:188 Resp: 428243
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.5 9.2 13.8

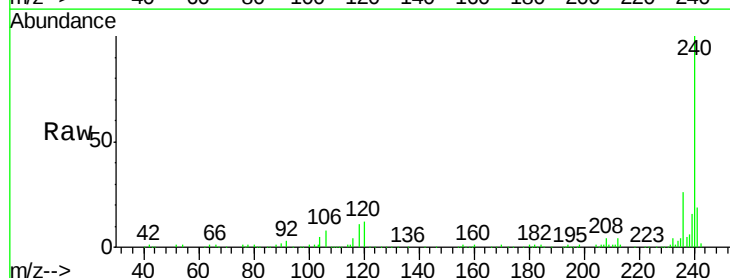


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

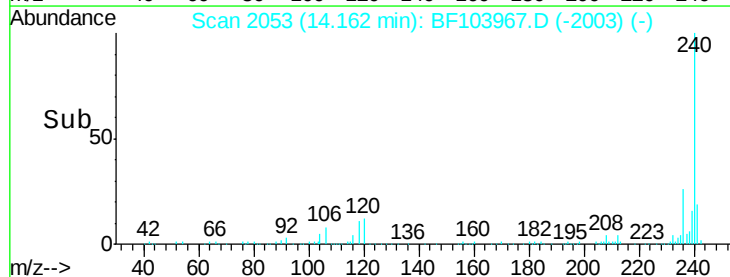
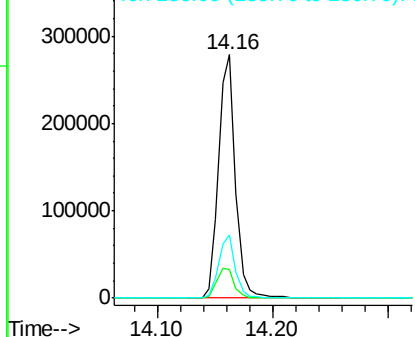


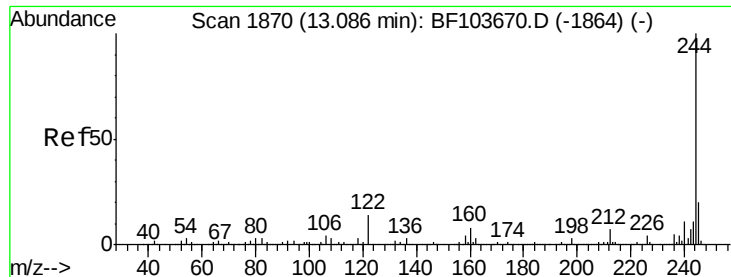
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103967.D
 Acq: 27 Mar 2018 10:45

Tgt Ion:240 Resp: 281689
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.8 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: 78.550 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103967.D

Acq: 27 Mar 2018 10:45

Instrument :

BNA_F

ClientSampleId :

PB107629TB

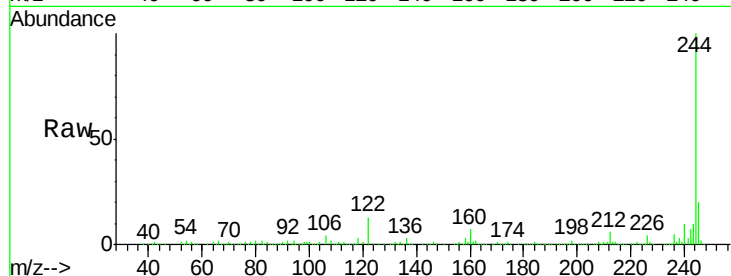
Tot Ion:244 Resp: 953266

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

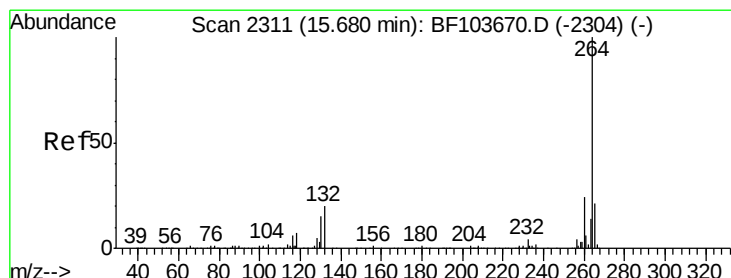
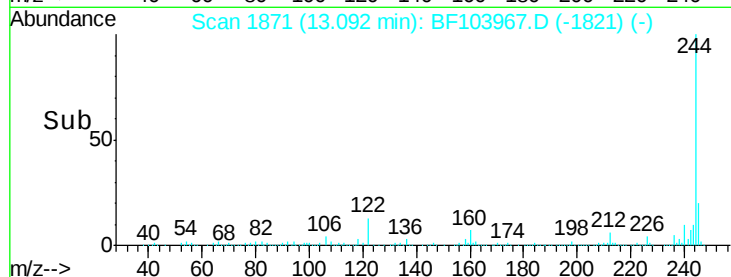
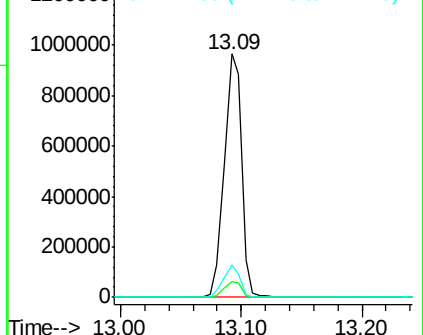
122 13.1 11.0 16.4



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: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103967.D

Acq: 27 Mar 2018 10:45

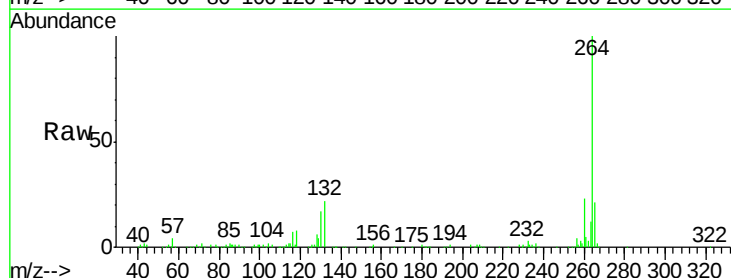
Tgt Ion:264 Resp: 238235

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

