

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104105.D
 Acq On : 30 Mar 2018 20:54
 Operator : JU/SJ
 Sample : PB107829BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107829BL

Quant Time: Mar 30 23:59:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107954	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	471044	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	227842	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	421164	20.00	ng	0.00
75) Chrysene-d12	14.14	240	300115	20.00	ng	0.00
86) Perylene-d12	15.67	264	230084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	868332	128.27	ng	0.02
7) Phenol-d6	6.59	99	1140423	136.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	685740	89.03	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	304894	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1338736	92.66	ng	0.00
78) Terphenyl-d14	13.07	244	1336446	102.82	ng	0.00

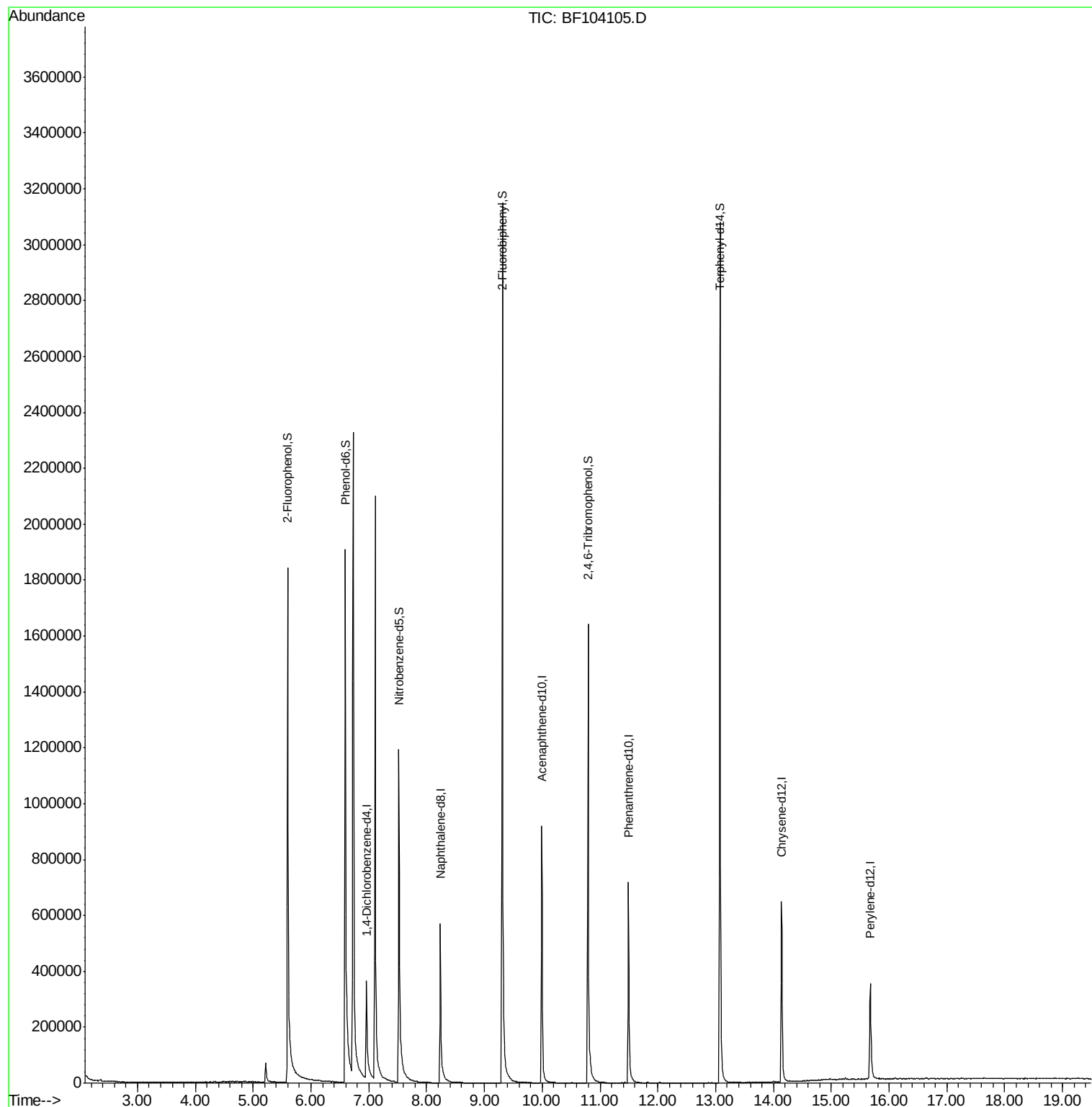
Target Compounds Qvalue

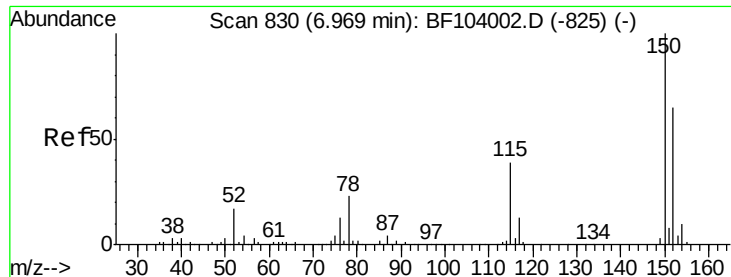
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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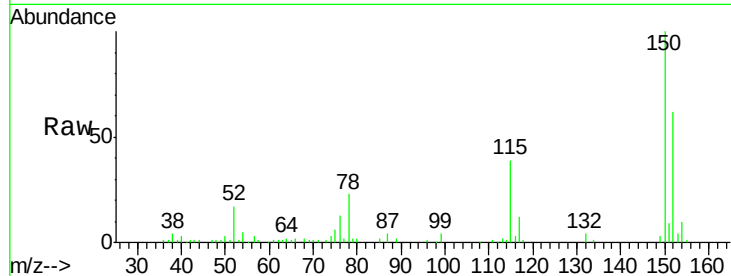


#1

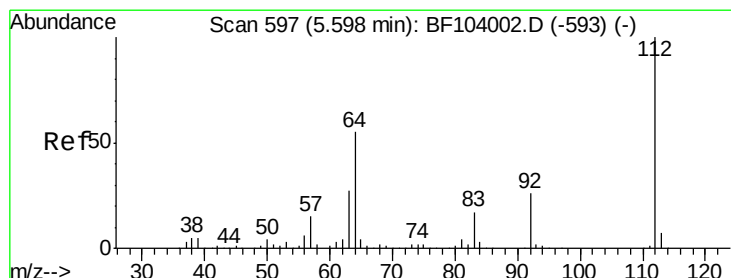
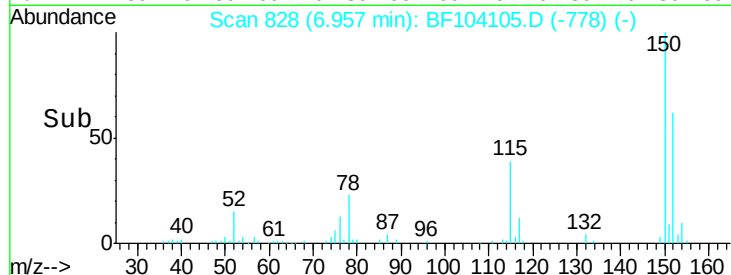
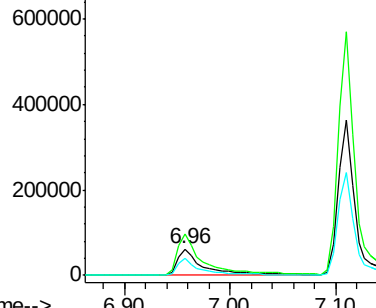
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB107829BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.2	50.1	75.1



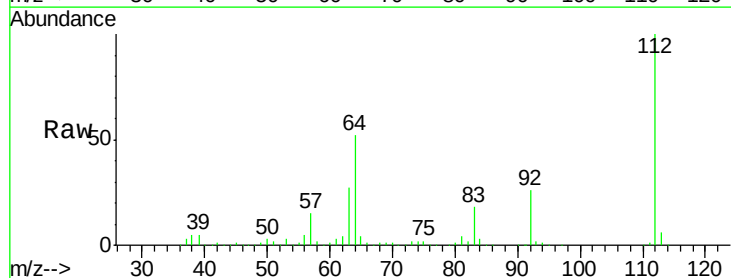
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



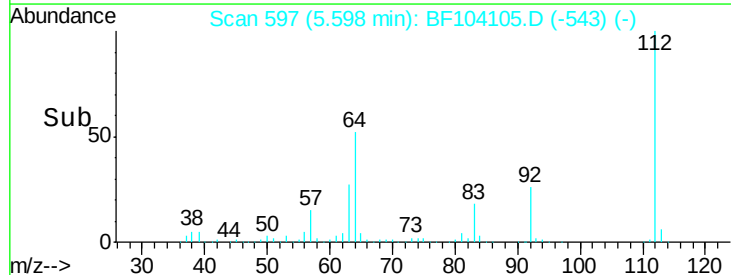
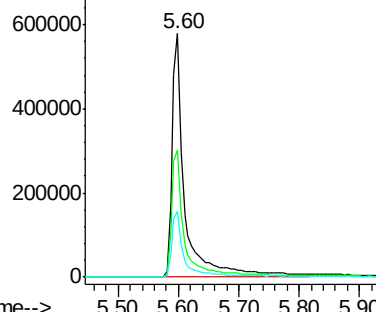
#5

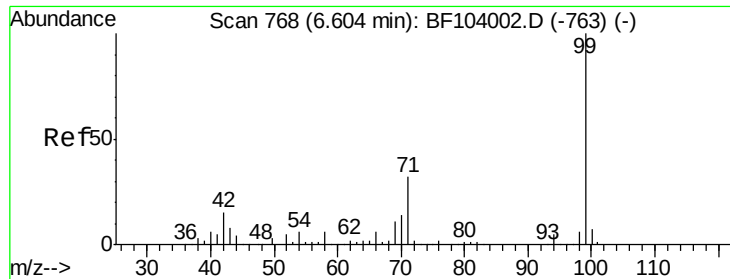
2-Fluorophenol
 Concen: 128.274 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	27.1	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: 136.933 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB107829BL

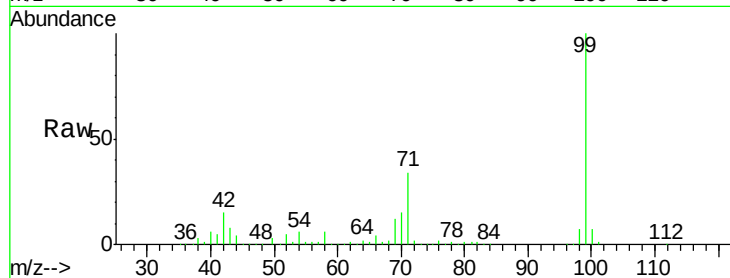
Tot Ion: 99 Resp: 1140423

Ion Ratio Lower Upper

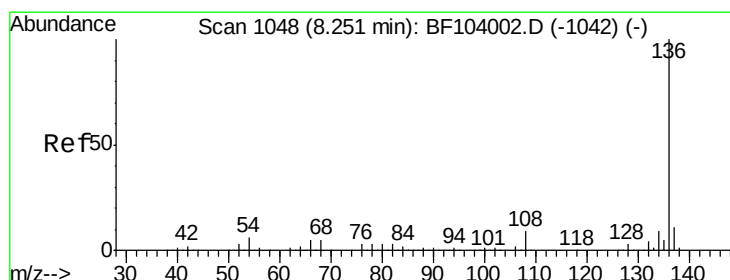
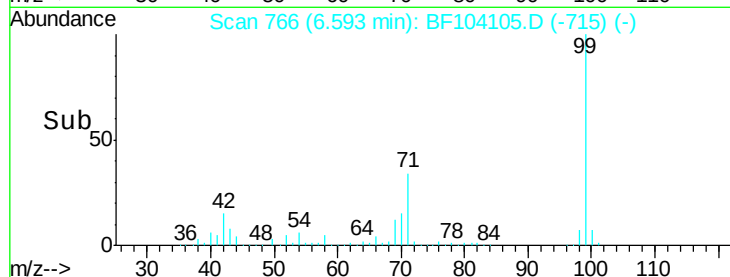
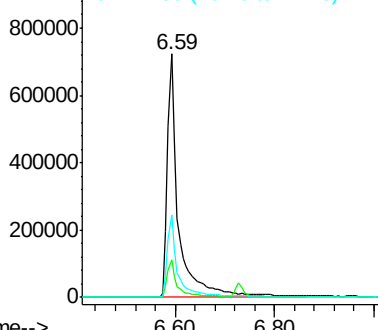
99 100

42 15.2 14.5 21.7

71 33.9 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: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Tgt Ion: 136 Resp: 471044

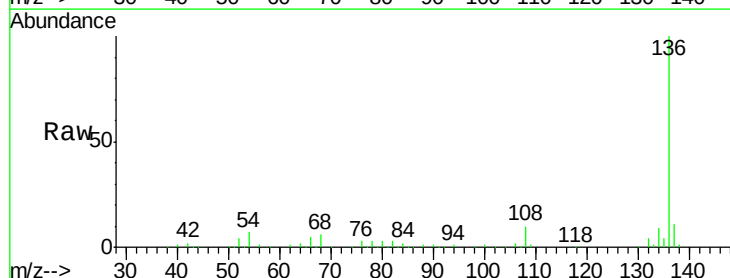
Ion Ratio Lower Upper

136 100

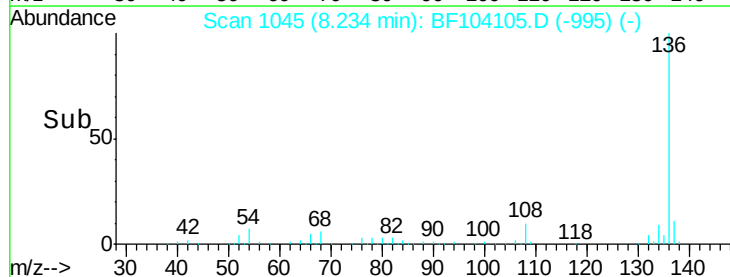
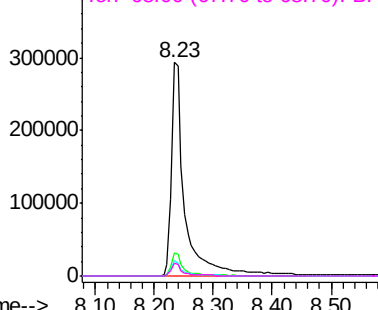
137 10.6 8.9 13.3

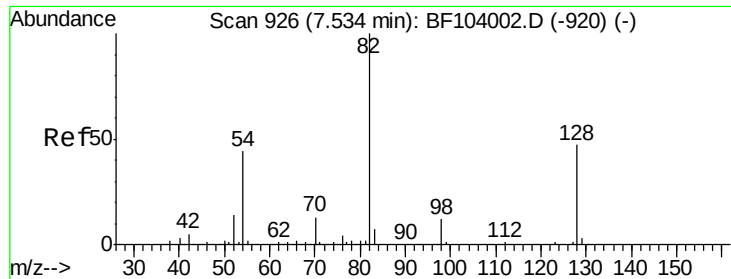
54 7.2 6.6 9.8

68 6.2 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

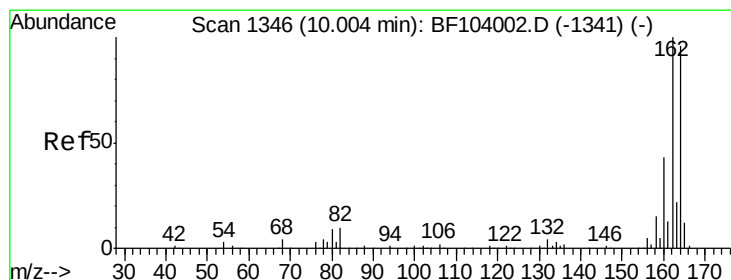
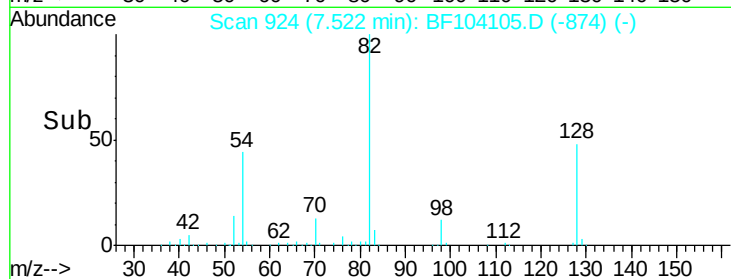
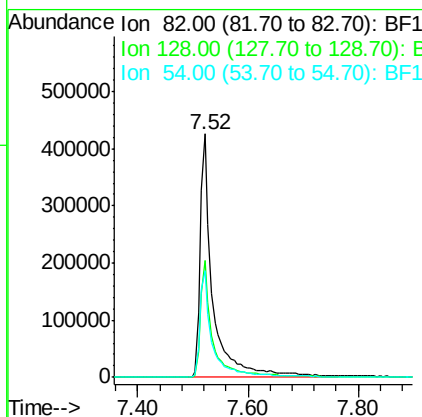
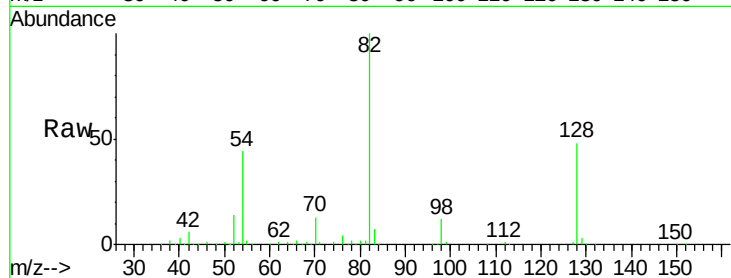




#23
 Nitrobenzene-d5
 Concen: 89.029 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

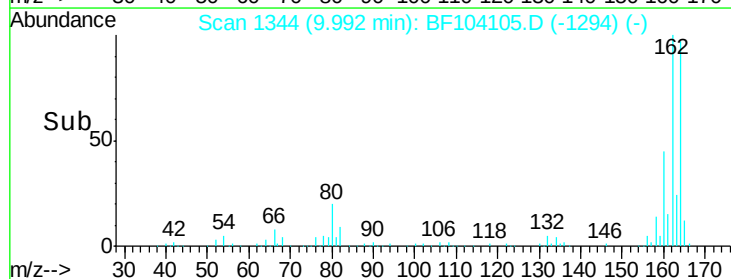
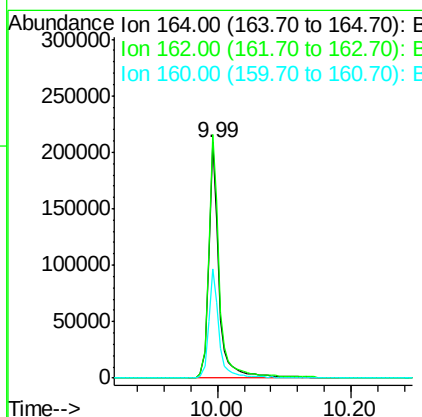
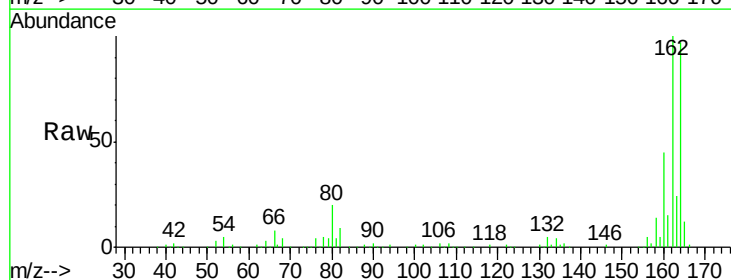
Instrument :
 BNA_F
 ClientSampled :
 PB107829BL

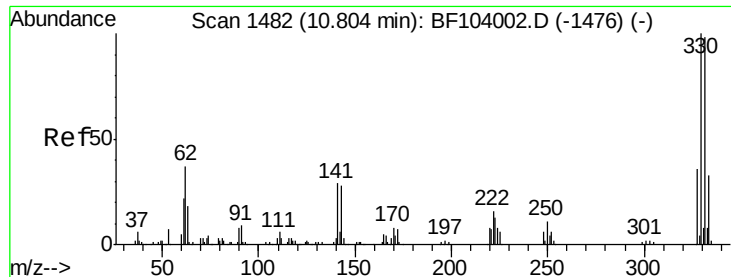
Tot Ion: 82 Resp: 685740
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 43.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Tgt Ion: 164 Resp: 227842
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.4 38.3 57.5

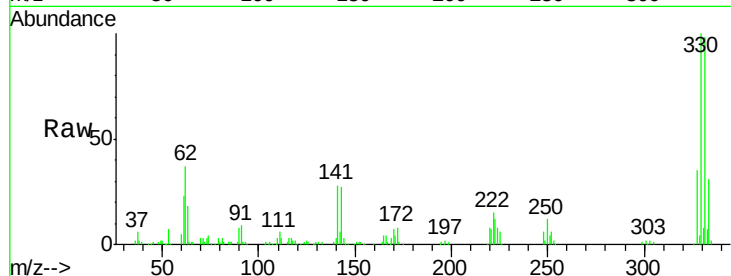




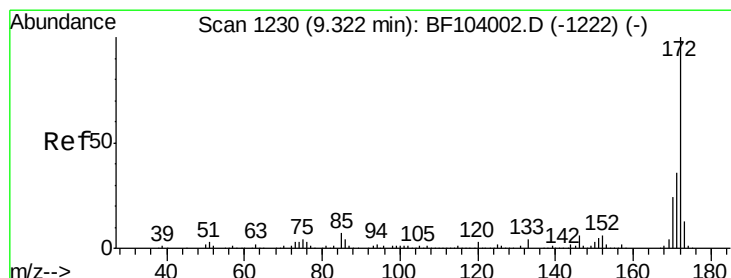
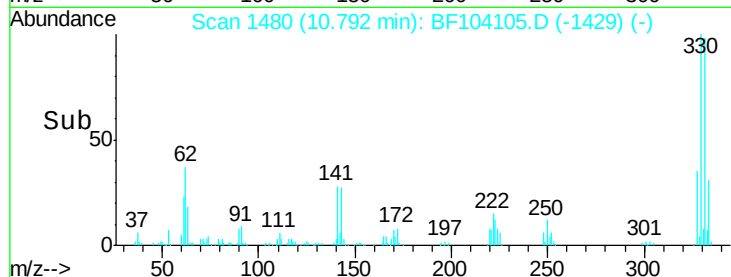
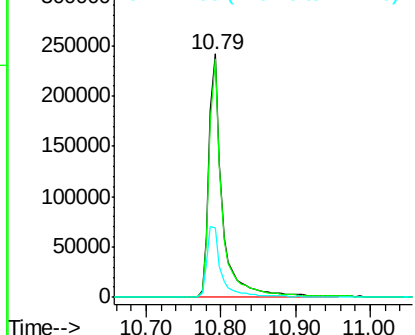
#41
 2,4,6-Tribromophenol
 Concen: 120.178 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB107829BL

Tot Ion:330 Resp: 304894
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 31.6 29.9 44.9

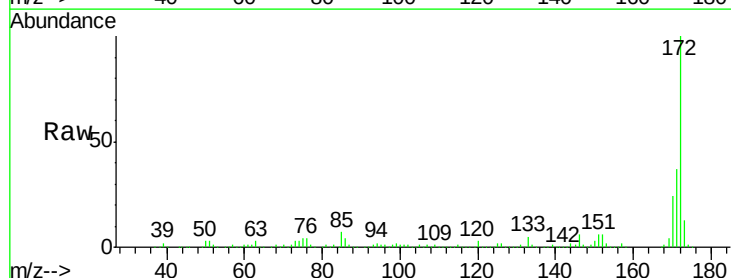


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

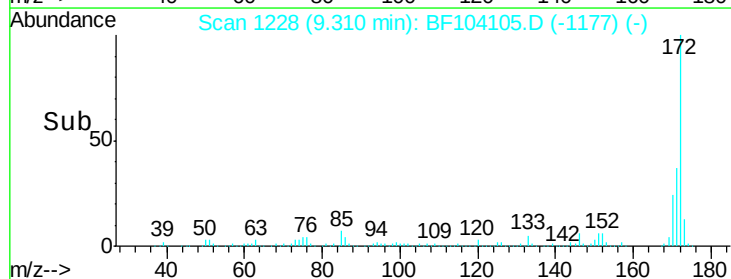
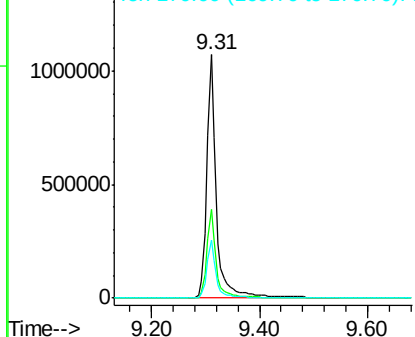


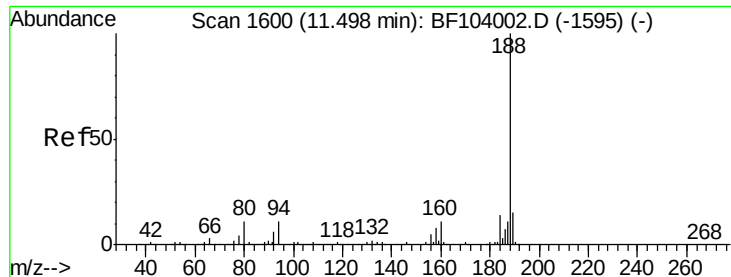
#44
 2-Fluorobiphenyl
 Concen: 92.655 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104105.D
 Acq: 30 Mar 2018 20:54

Tgt Ion:172 Resp: 1338736
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB107829BL

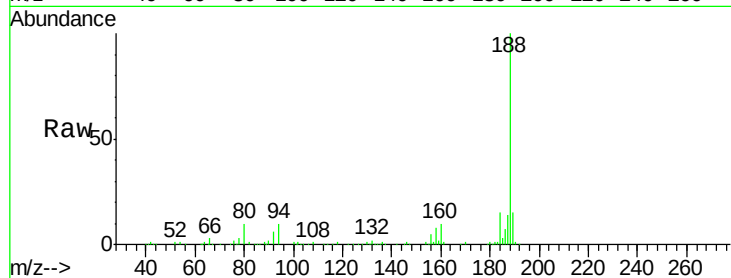
Tot Ion:188 Resp: 421164

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

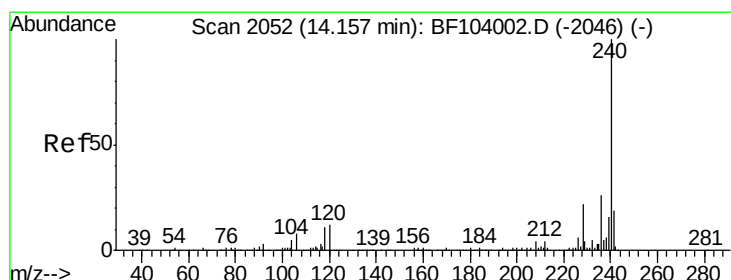
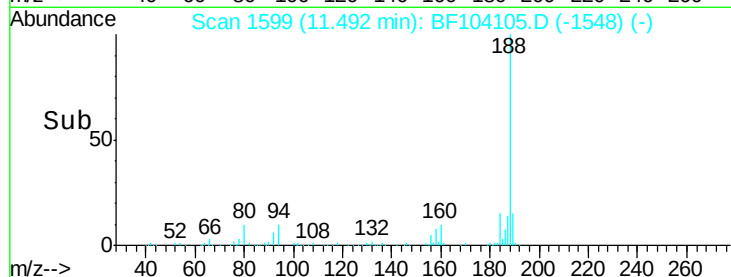
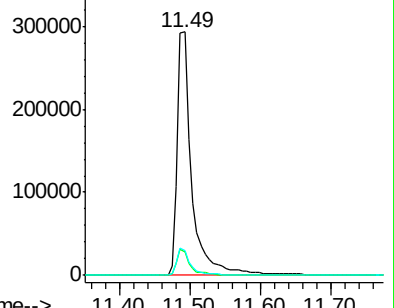
80 10.1 9.2 13.8



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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

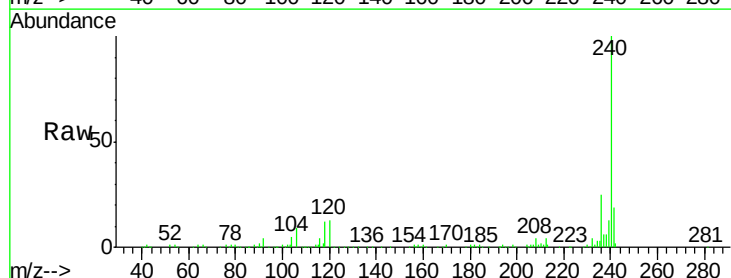
Tgt Ion:240 Resp: 300115

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

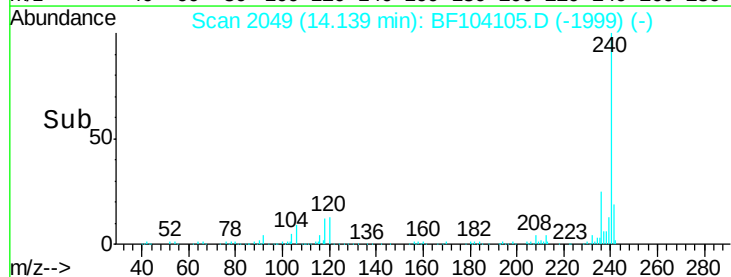
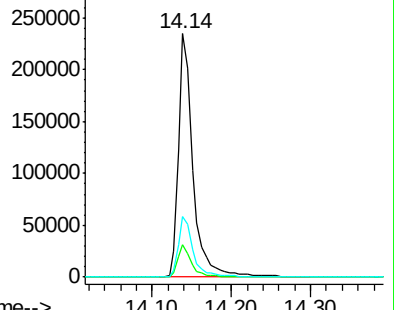
236 25.0 20.7 31.1

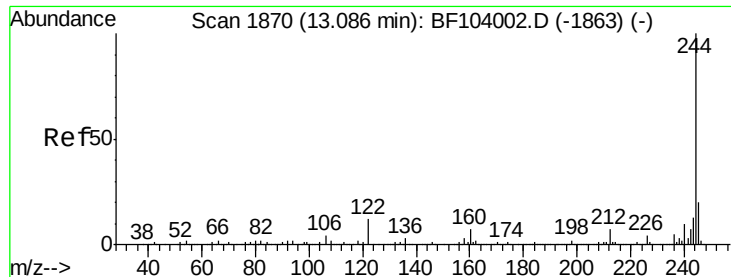


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.820 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB107829BL

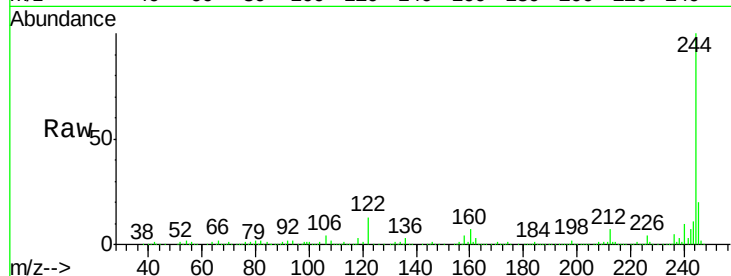
Tot Ion:244 Resp: 1336446

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

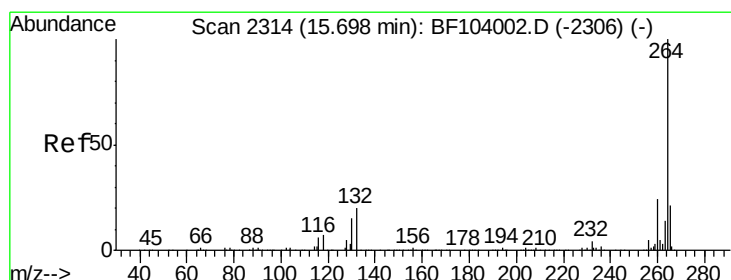
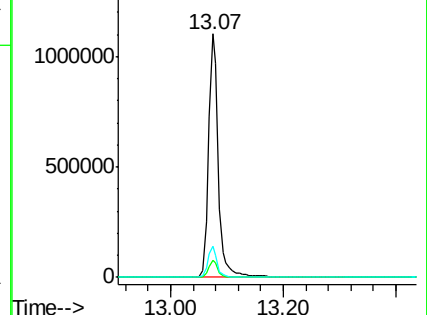
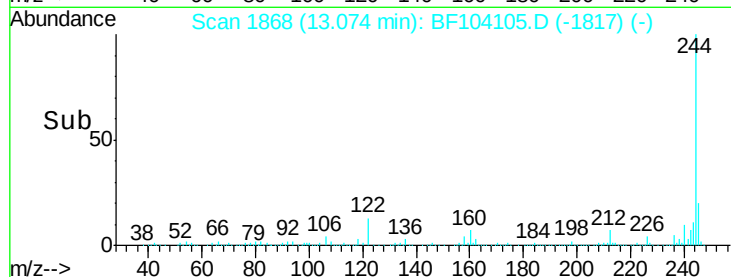
122 12.6 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104105.D

Acq: 30 Mar 2018 20:54

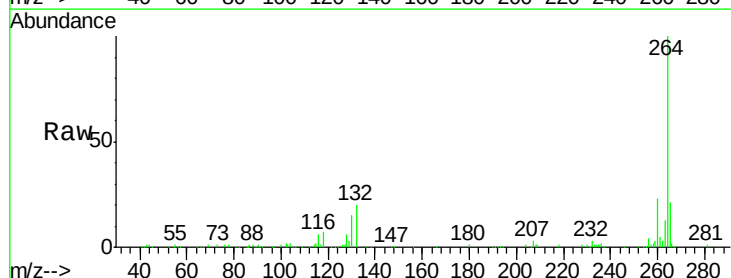
Tgt Ion:264 Resp: 230084

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.0 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

