

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103966.D
 Acq On : 27 Mar 2018 10:19
 Operator : JU/SJ
 Sample : PB107629BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BL

Quant Time: Mar 27 12:03:31 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	142677	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	577356	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263796	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	432562	20.00	ng	0.00
75) Chrysene-d12	14.16	240	284722	20.00	ng	0.00
86) Perylene-d12	15.71	264	246549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1016861	108.40	ng	0.01
7) Phenol-d6	6.60	99	1232560	107.40	ng	0.00
23) Nitrobenzene-d5	7.54	82	761056	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	293286	129.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1349326	81.59	ng	0.00
78) Terphenyl-d14	13.10	244	1113000	90.74	ng	0.00

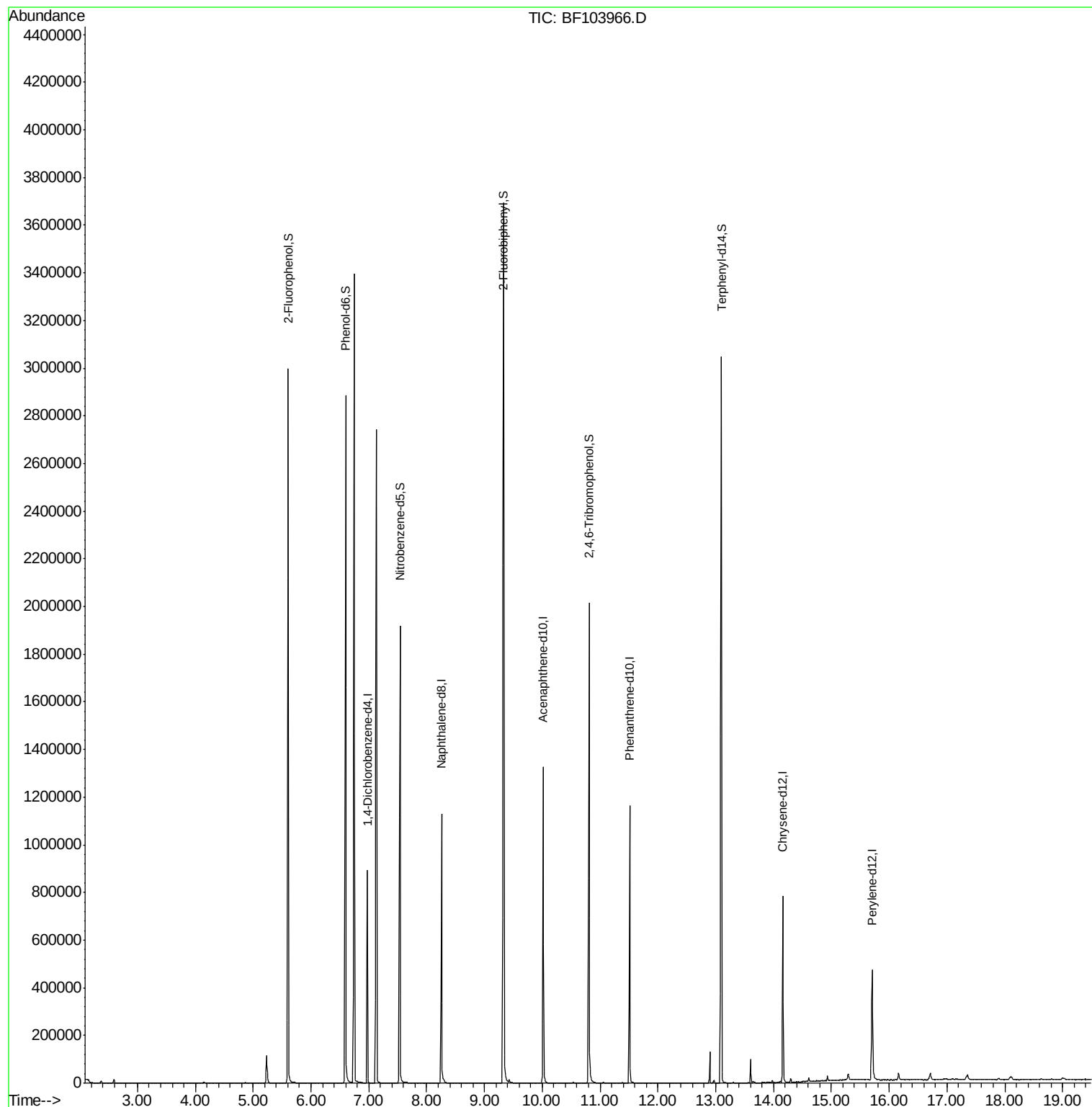
Target Compounds Qvalue

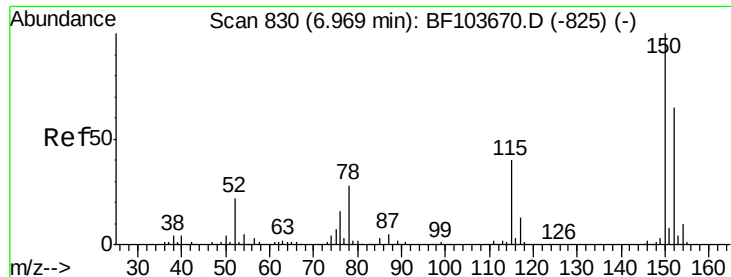
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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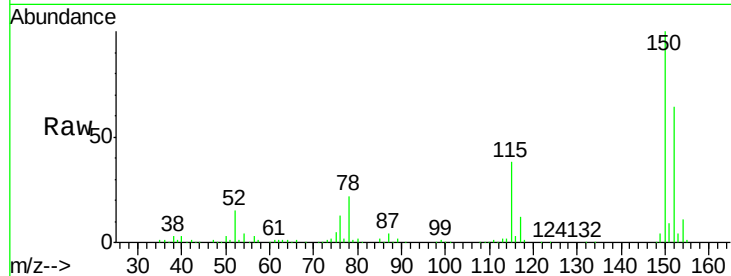


#1

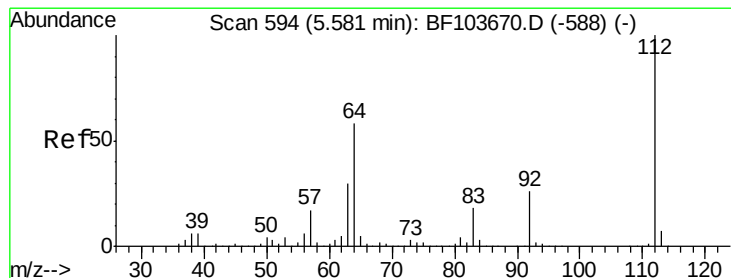
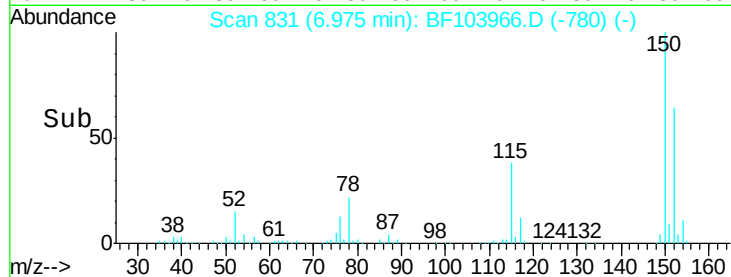
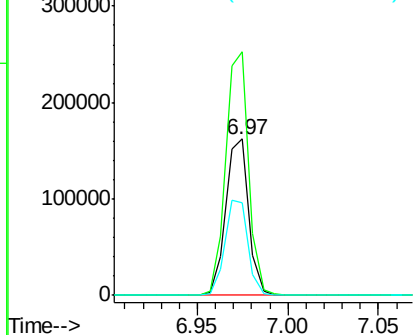
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Instrument :
BNA_F
ClientSampleId :
PB107629BL

Tot Ion:152 Resp: 142677
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.6 50.1 75.1



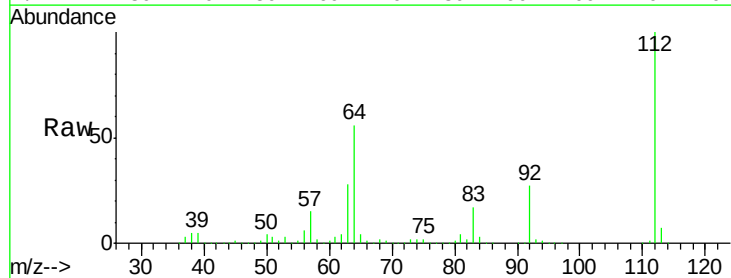
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



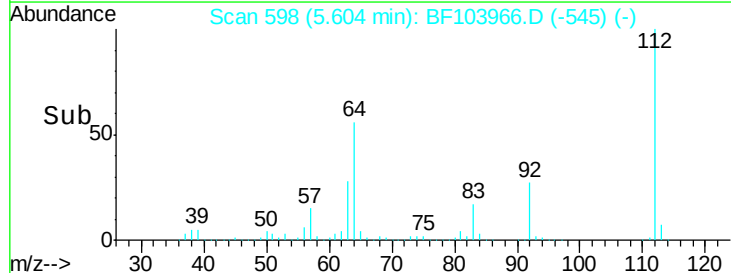
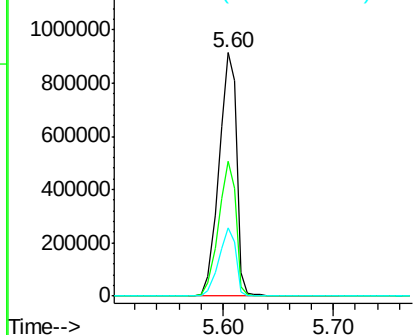
#5

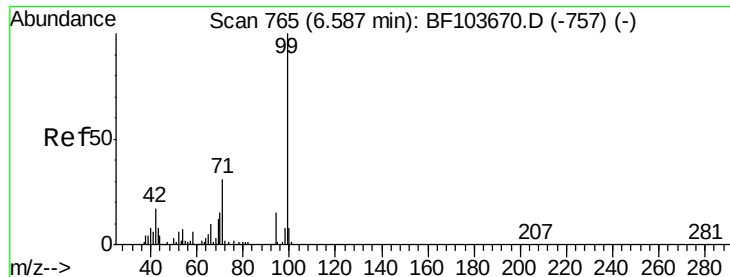
2-Fluorophenol
Concen: 108.401 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Tgt Ion:112 Resp: 1016861
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.8 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: 107.400 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103966.D

Acq: 27 Mar 2018 10:19

Instrument :

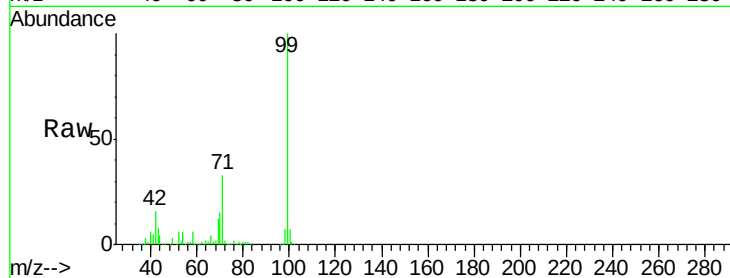
BNA_F

ClientSampleId :

PB107629BL

Tot Ion: 99 Resp: 1232560

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.7	25.4	38.0

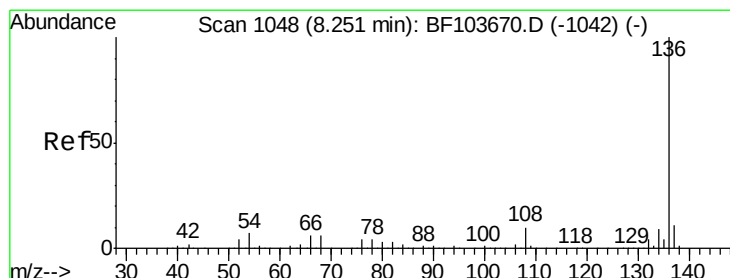
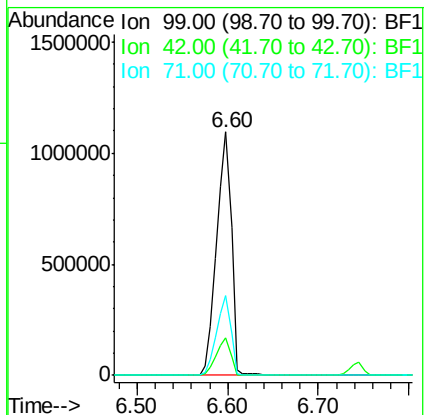
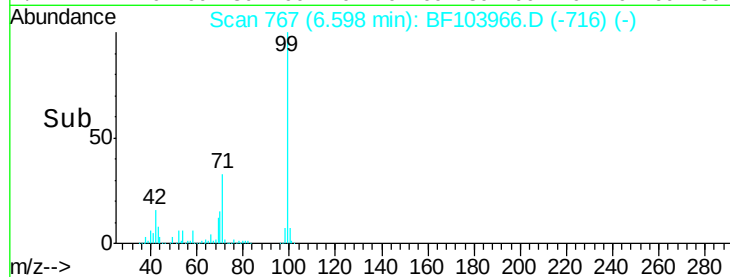


Abundance

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

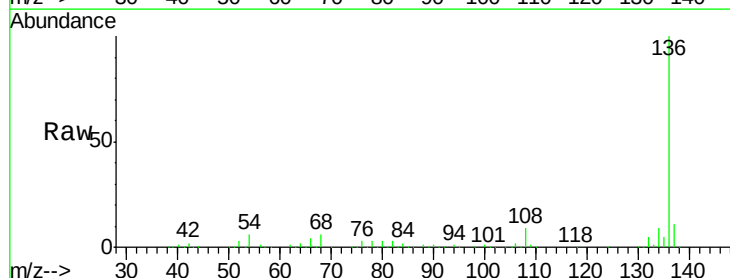
Delta R.T. -0.00 min

Lab File: BF103966.D

Acq: 27 Mar 2018 10:19

Tgt Ion: 136 Resp: 577356

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	6.6	9.8
68	5.9	5.0	7.4



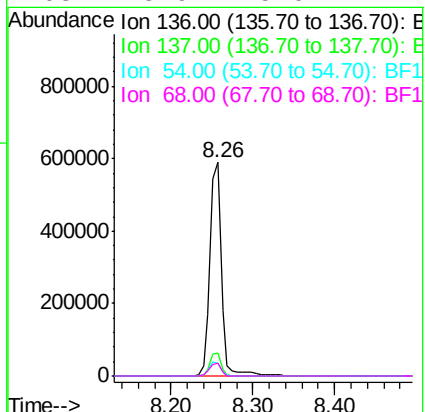
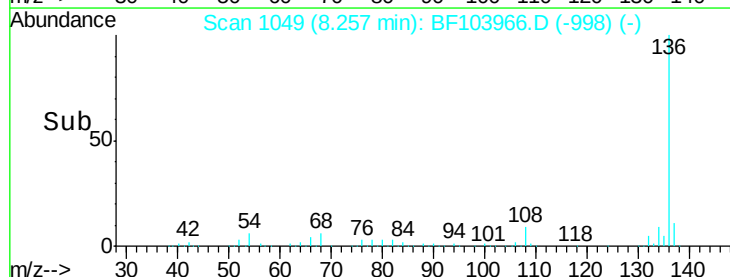
Abundance

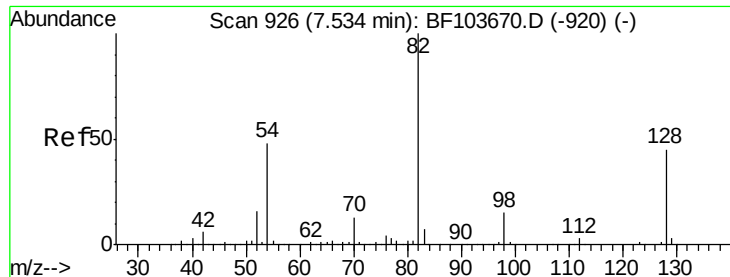
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

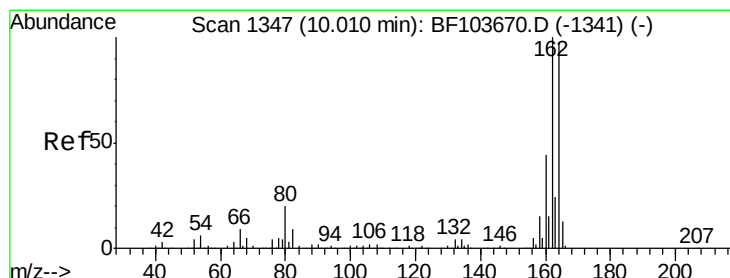
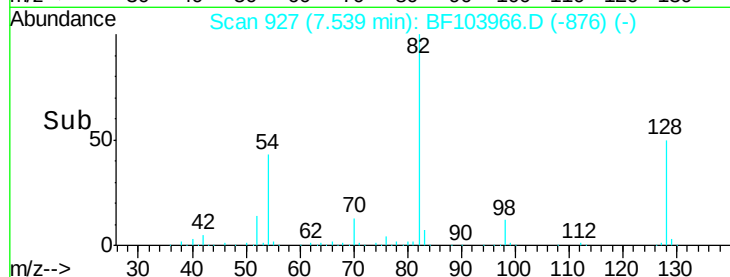
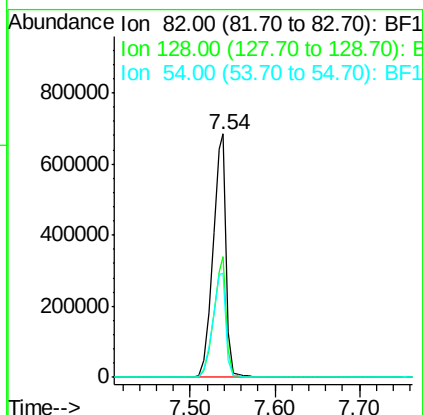
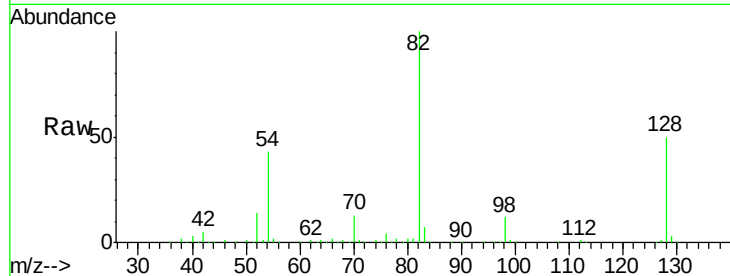




#23
 Nitrobenzene-d5
 Concen: 91.924 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

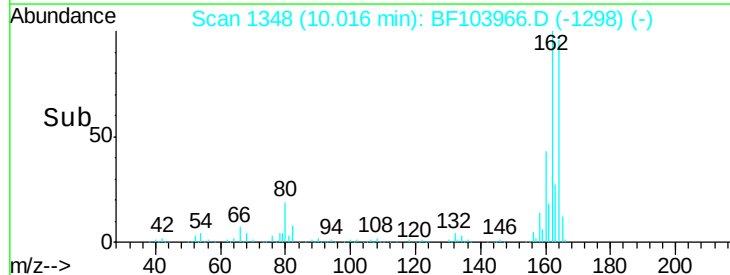
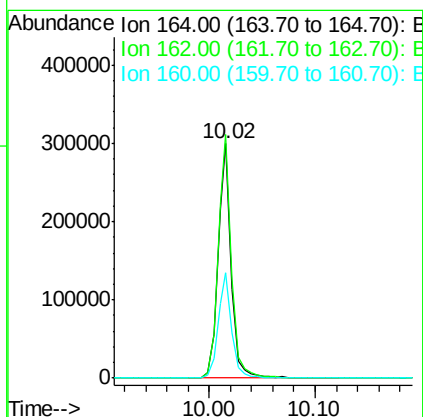
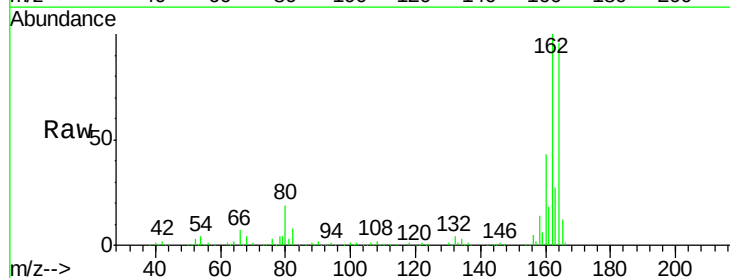
Instrument :
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 PB107629BL

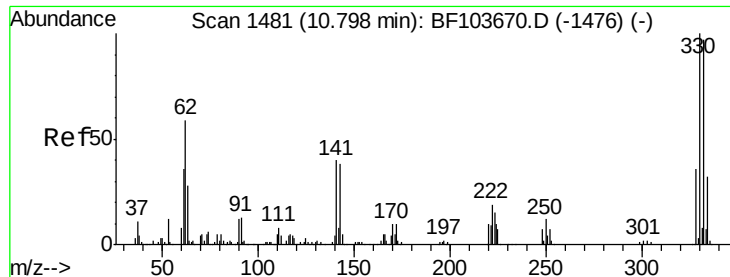
Tot Ion	82	Resp	761056
Ion Ratio	Lower	Upper	
82	100		
128	49.9	36.1	54.1
54	42.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion	164	Resp	263796
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	44.9	38.3	57.5

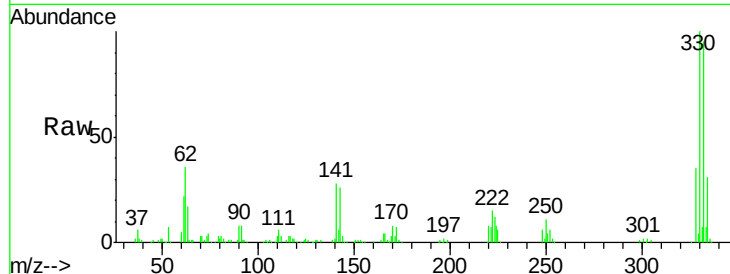




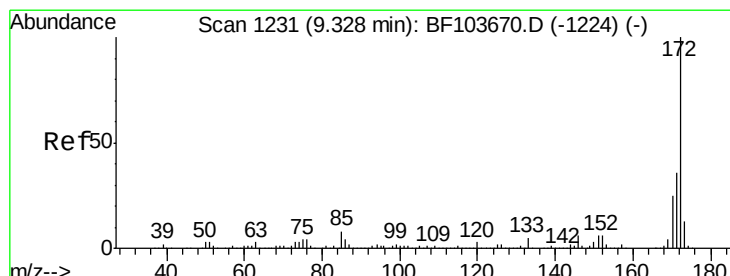
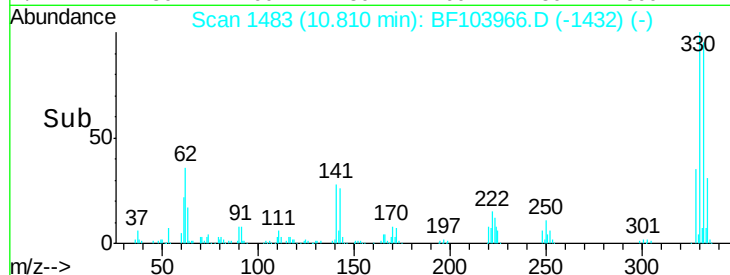
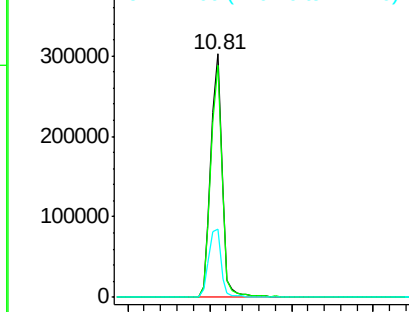
#41
 2,4,6-Tribromophenol
 Concen: 129.307 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.1	29.9	44.9

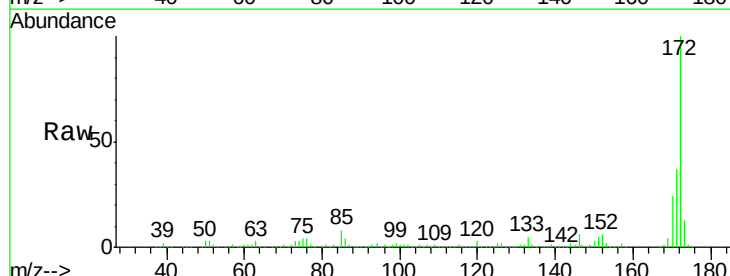


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

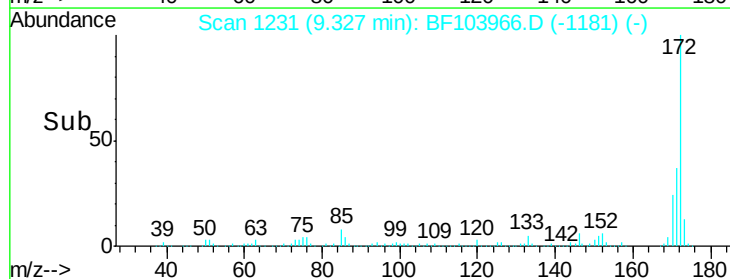
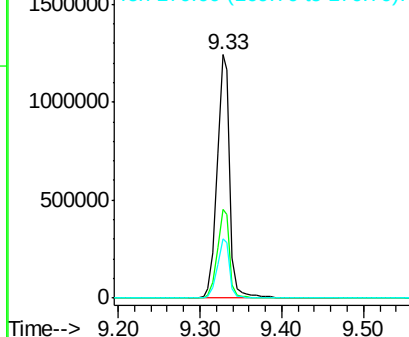


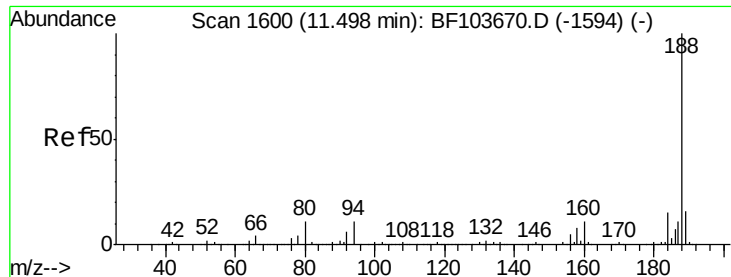
#44
 2-Fluorobiphenyl
 Concen: 81.592 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	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

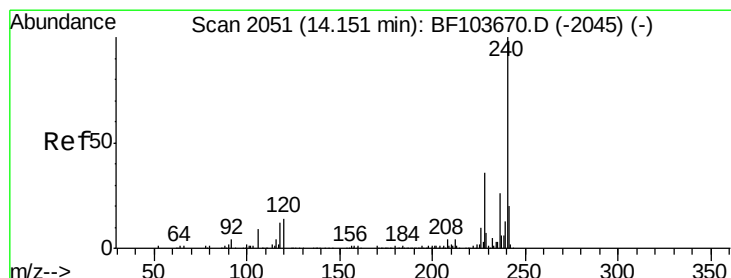
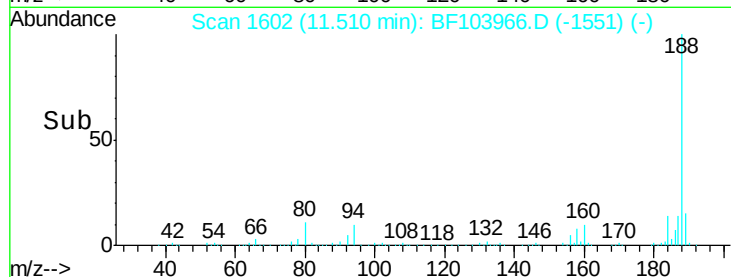
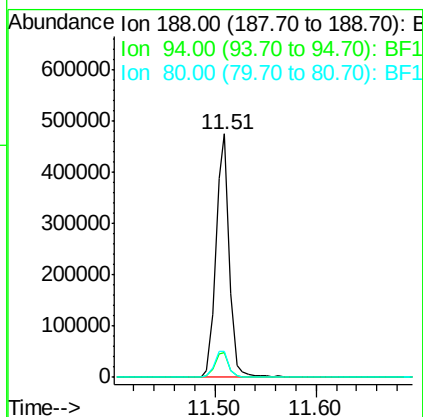
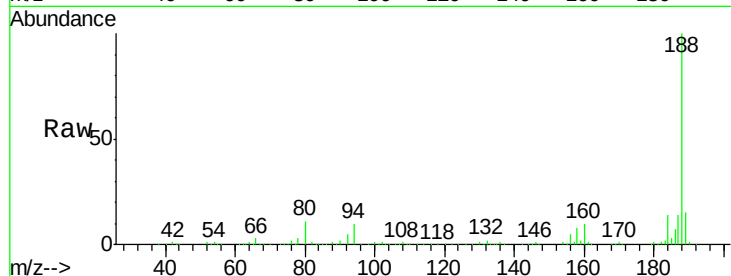




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

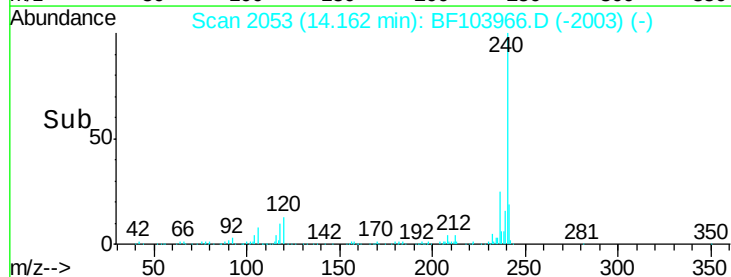
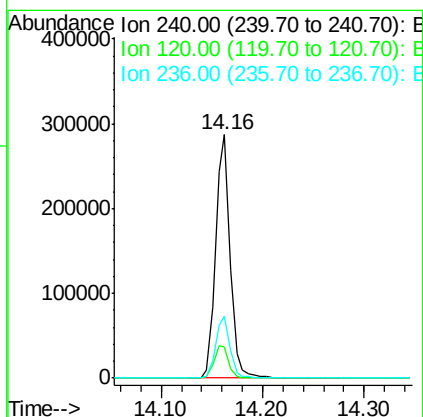
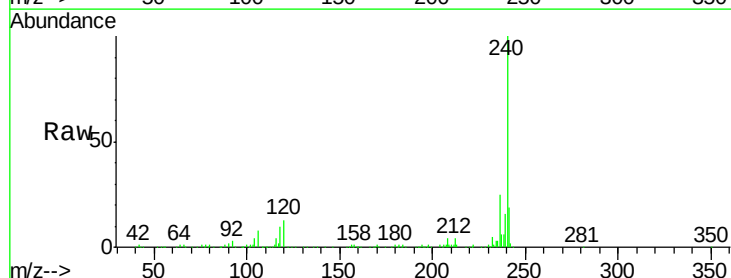
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ClientSampleId :
PB107629BL

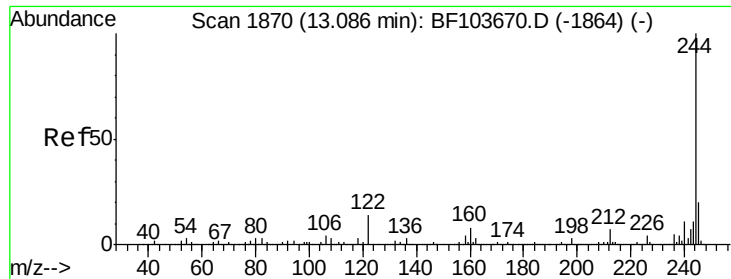
Tot Ion:188 Resp: 432562
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103966.D
Acq: 27 Mar 2018 10:19

Tgt Ion:240 Resp: 284722
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.5 20.7 31.1

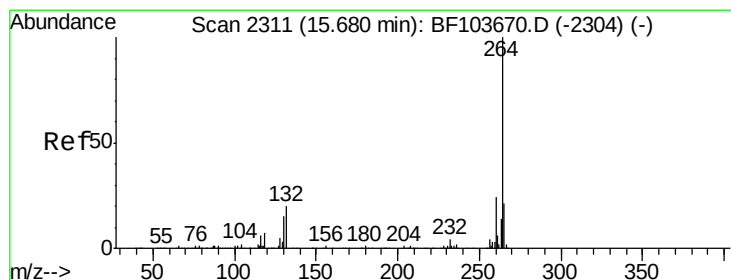
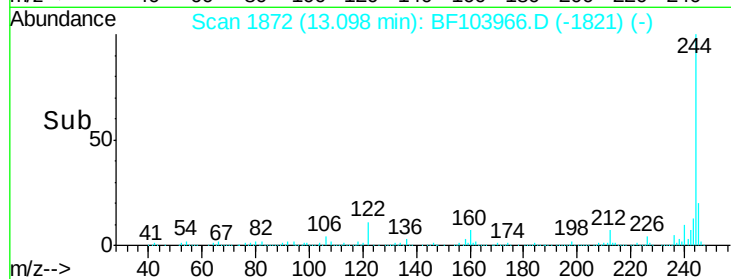
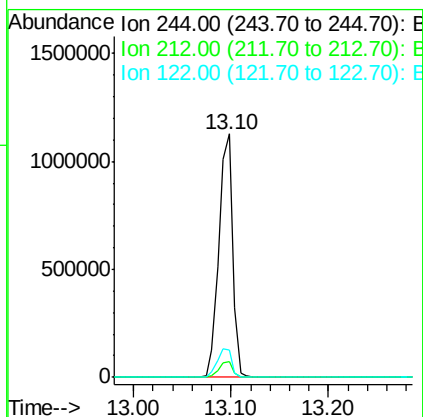
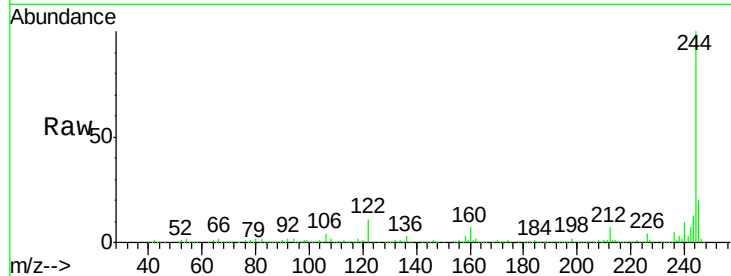




#78
 Terphenyl-d14
 Concen: 90.735 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103966.D
 Acq: 27 Mar 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BL

Tot Ion:244 Resp: 1113000
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 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: BF103966.D
 Acq: 27 Mar 2018 10:19

Tgt Ion:264 Resp: 246549
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.0 17.5 26.3

