

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102985.D
 Acq On : 14 Feb 2018 13:21
 Operator : SJ/JU
 Sample : J1537-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Feb 14 15:49:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

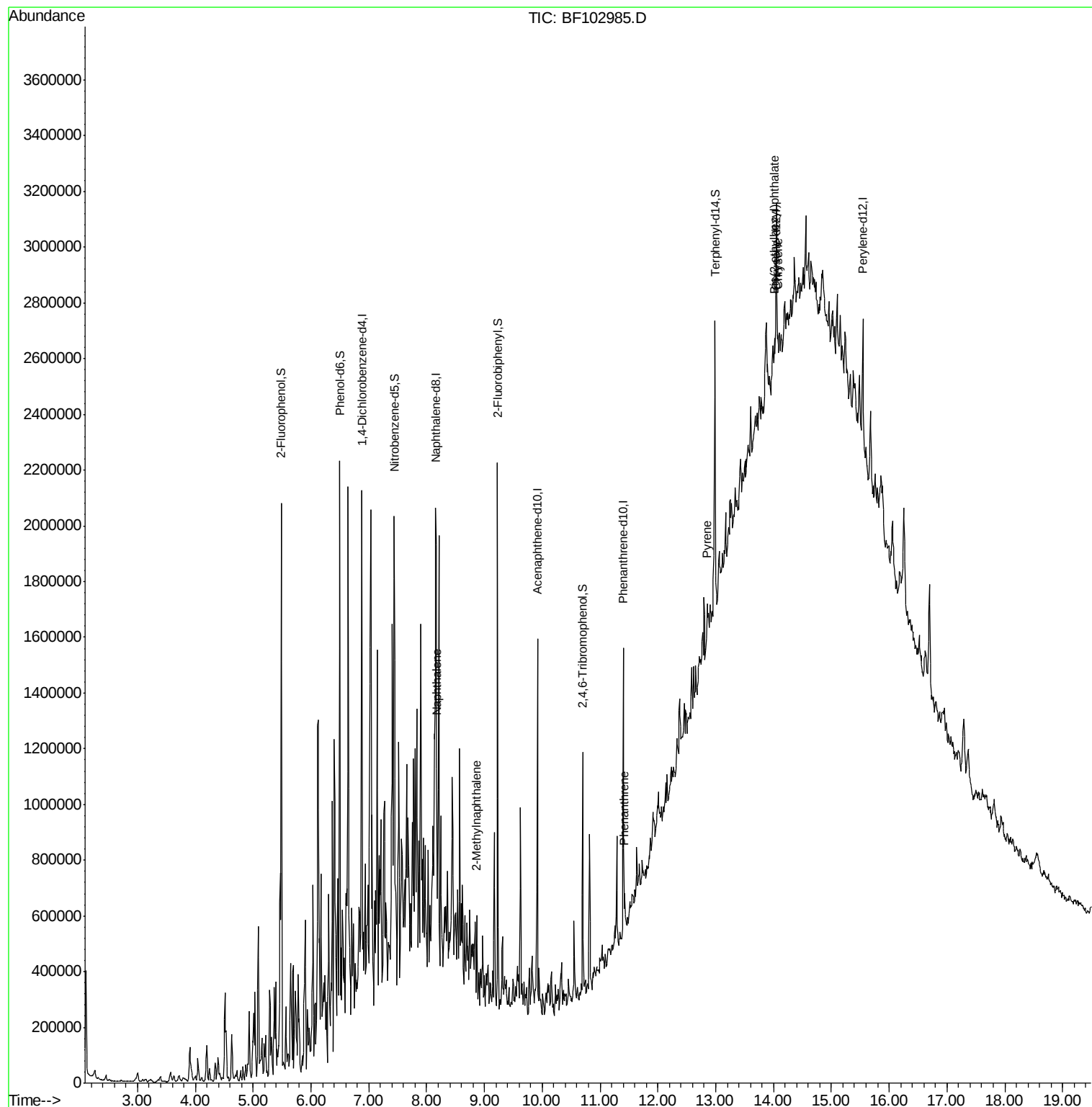
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153492	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	621160	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	262138	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	367111	20.00	ng	0.00
75) Chrysene-d12	14.05	240	247059	20.00	ng	0.01
86) Perylene-d12	15.54	264	219942	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	490756	48.56	ng	0.00
7) Phenol-d6	6.50	99	582540	47.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	345590	38.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	93273	44.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	585364	37.05	ng	-0.01
78) Terphenyl-d14	12.99	244	373159	35.76	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	112108	3.694	ng	# 89
37) 2-Methylnaphthalene	8.87	142	79608	4.007	ng	# 97
70) Phenanthrene	11.42	178	48172	2.356	ng	# 96
77) Pyrene	12.85	202	52995	2.735	ng	# 93
82) Chrysene	14.07	228	35224	2.249	ng	# 70
83) Bis(2-ethylhexyl)phthalate	14.02	149	37400	3.151	ng	# 89

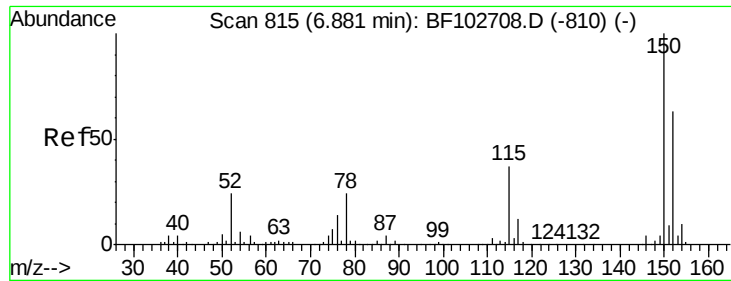
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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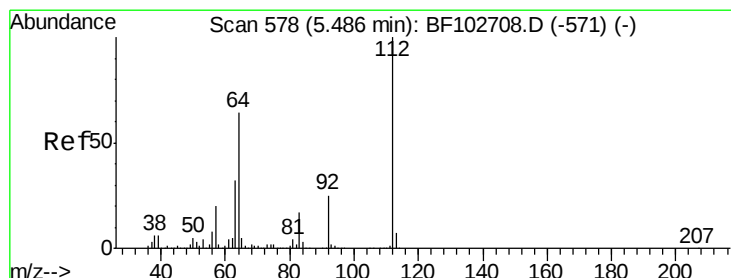
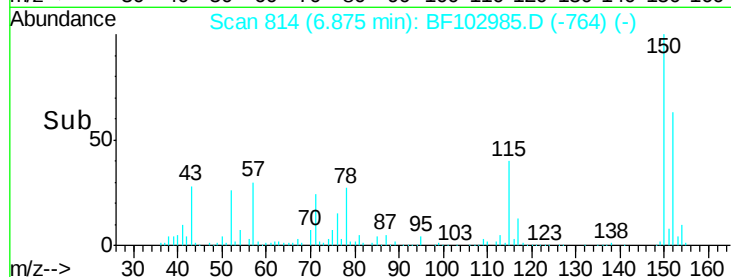
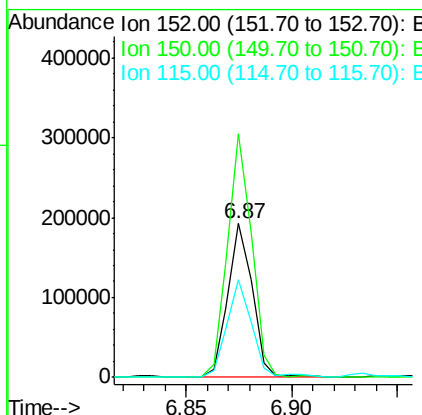
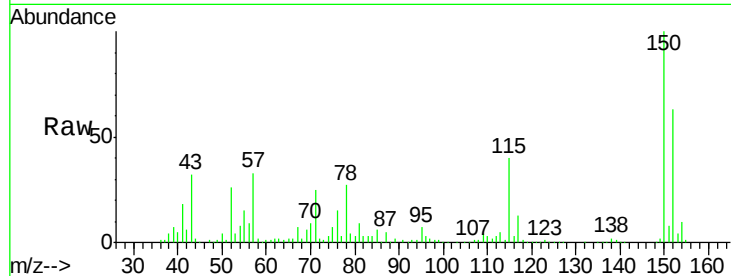




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

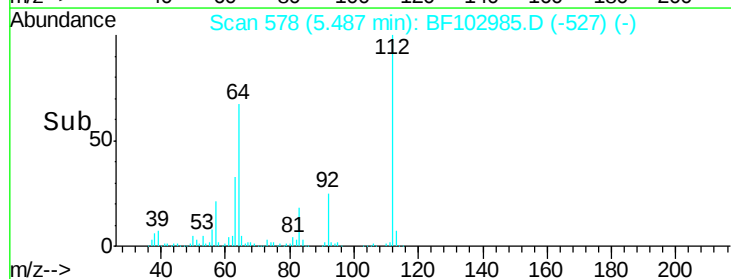
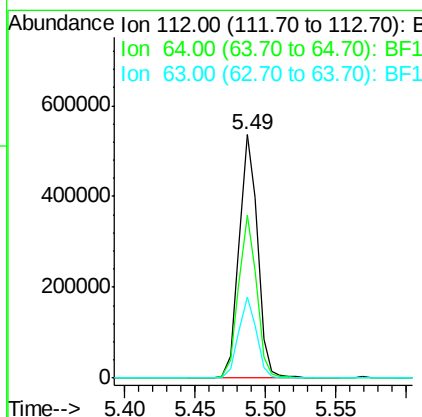
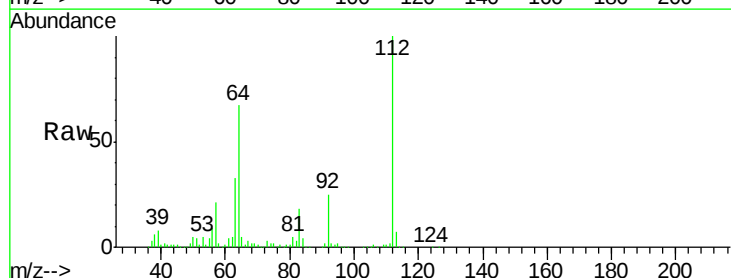
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:152 Resp: 153492
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 63.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 48.556 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

Tgt Ion:112 Resp: 490756
 Ion Ratio Lower Upper
 112 100
 64 66.8 47.9 71.9
 63 33.5 23.7 35.5





#7

Phenol-d6

Concen: 47.869 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

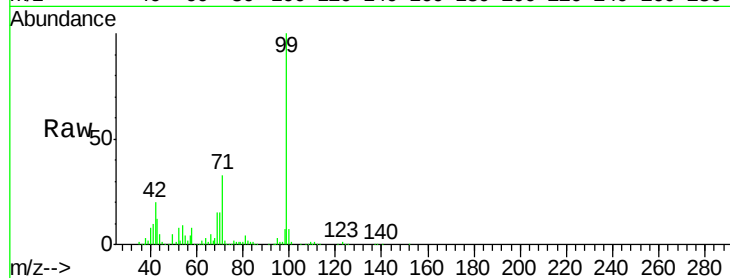
Tot Ion: 99 Resp: 582540

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

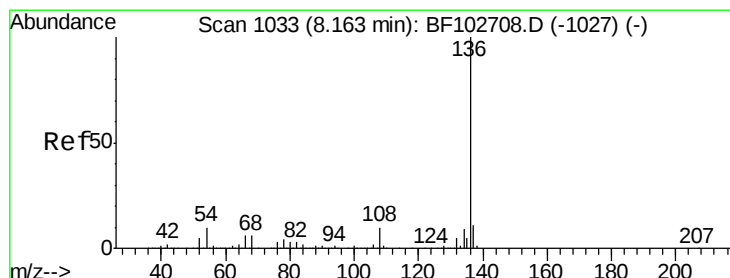
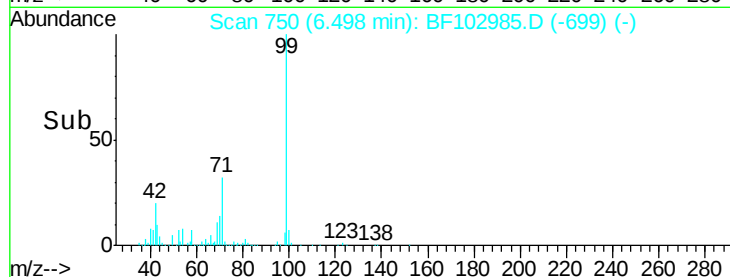
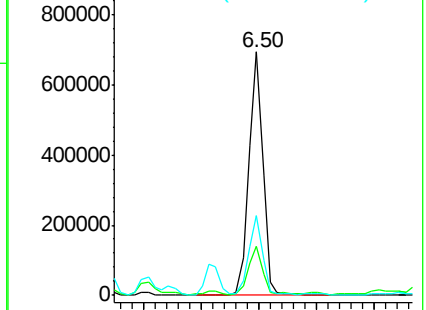
71 32.7 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

Tgt Ion: 136 Resp: 621160

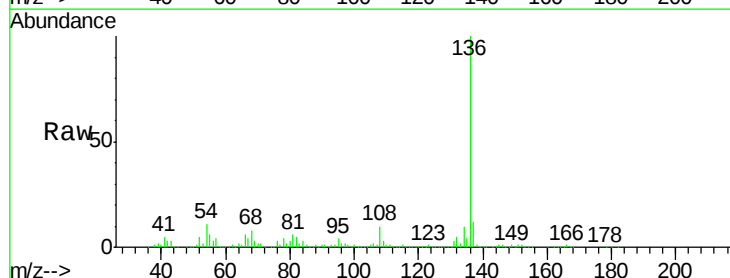
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 11.0 6.6 9.8#

68 8.0 5.0 7.4#

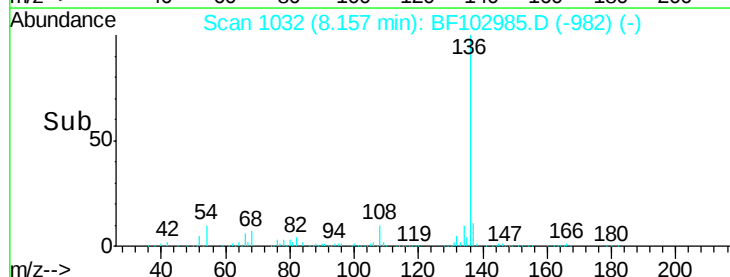
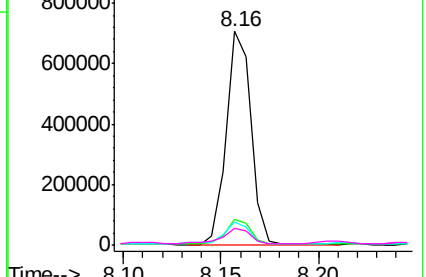


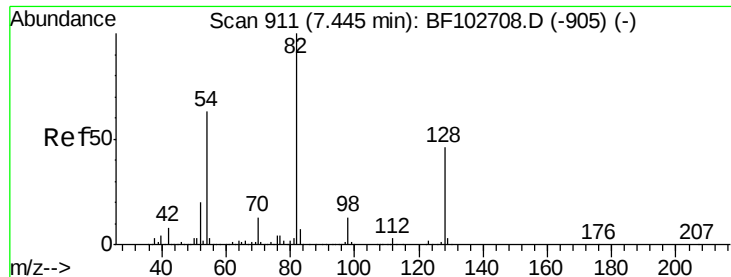
Abundance Ion 136.00 (135.70 to 136.70): E

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

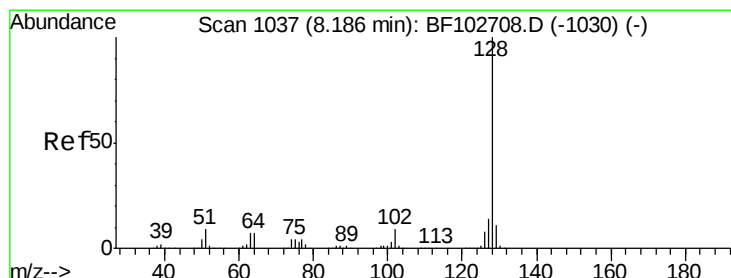
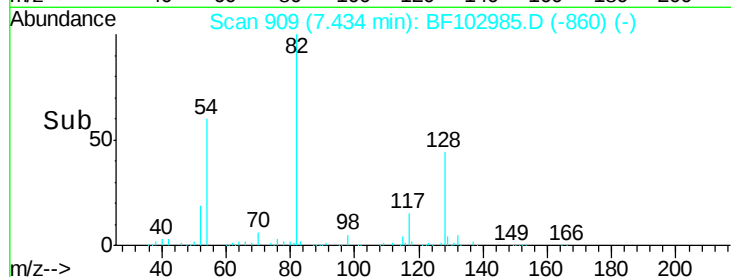
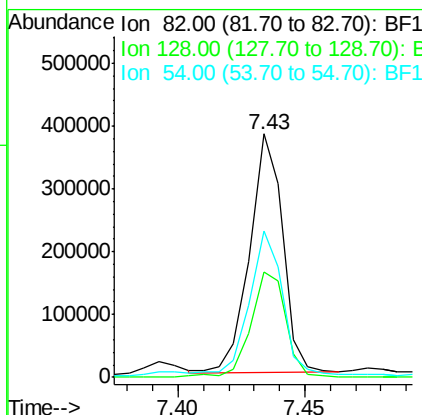
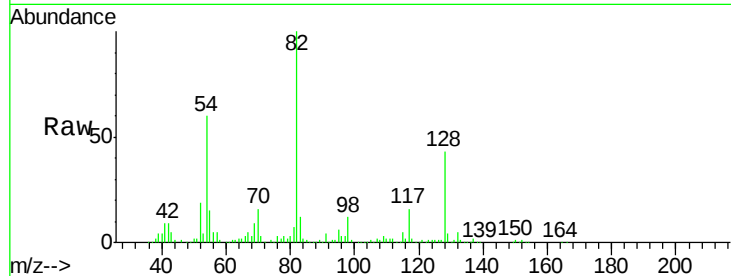




#23
Nitrobenzene-d5
Concen: 38.595 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

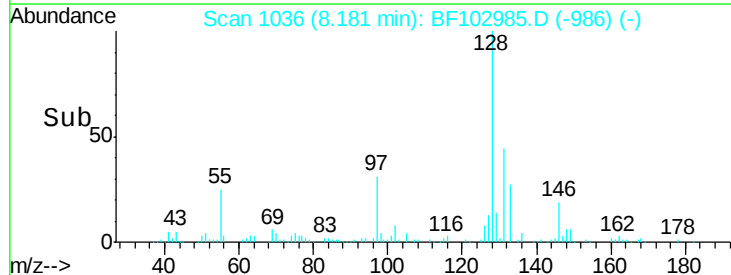
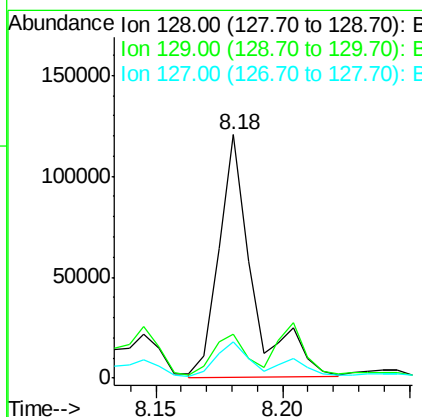
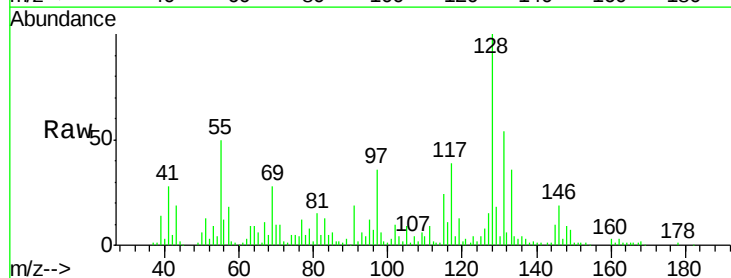
Instrument :
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SB-02-COMP

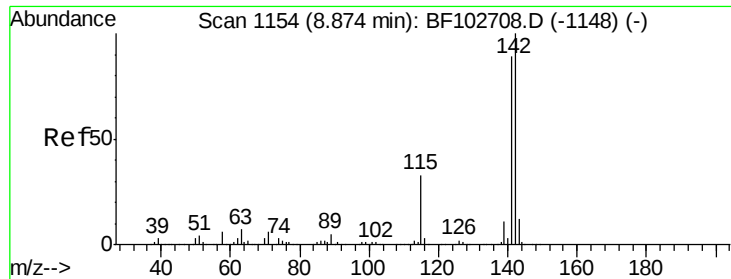
Tot Ion	82	Resp	345590
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.1	54.1
54	60.3	41.4	62.2



#31
Naphthalene
Concen: 3.694 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

Tgt Ion	128	Resp	112108
Ion Ratio	Lower	Upper	
128	100		
129	18.2	8.8	13.2#
127	15.1	10.9	16.3

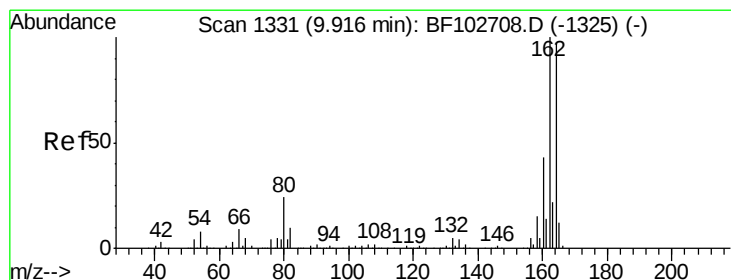
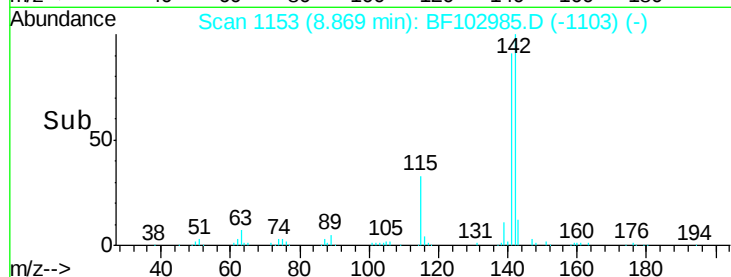
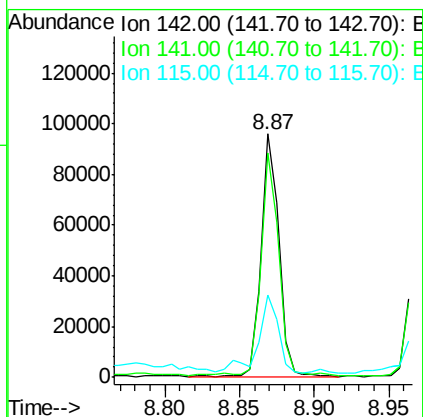
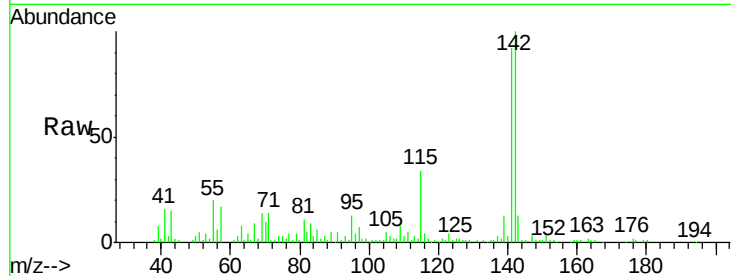




#37
2-Methylnaphthalene
Concen: 4.007 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

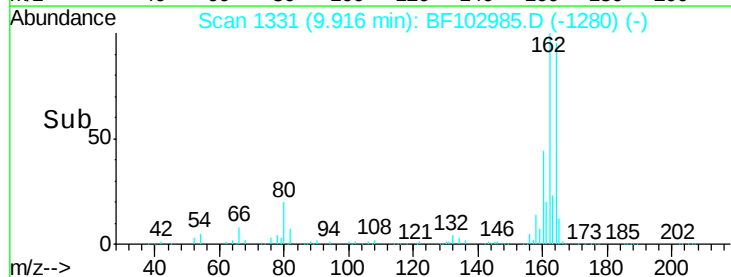
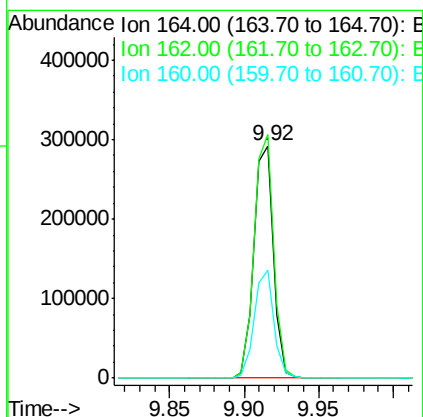
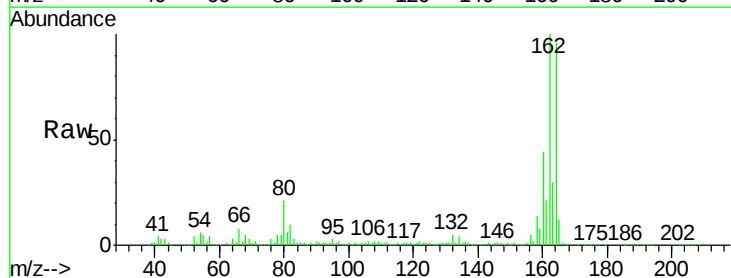
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

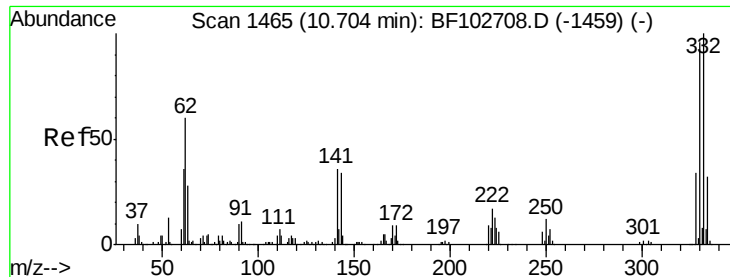
Tot Ion:142 Resp: 79608
Ion Ratio Lower Upper
142 100
141 91.9 70.8 106.2
115 34.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

Tgt Ion:164 Resp: 262138
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 46.4 38.3 57.5

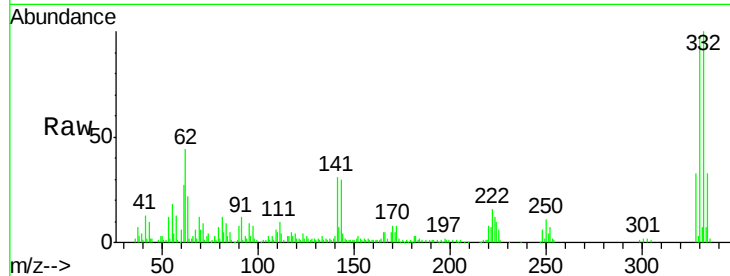




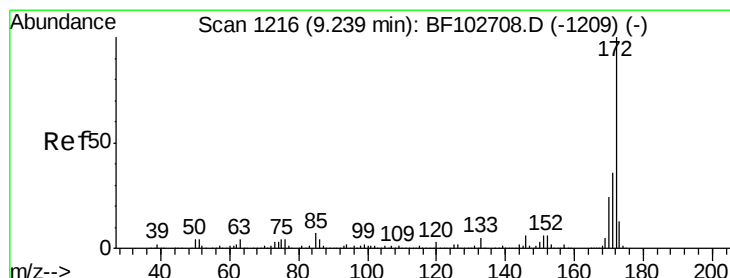
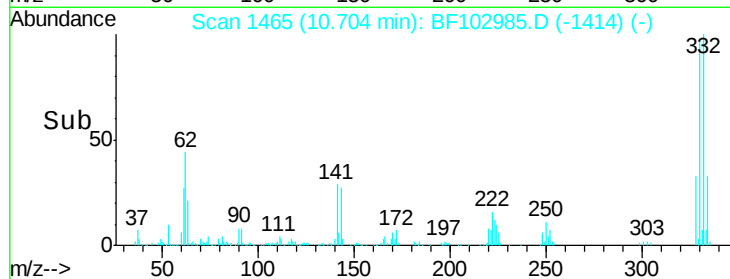
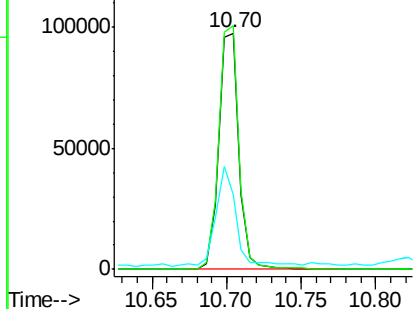
#41
 2,4,6-Tribromophenol
 Concen: 44.207 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	40.7	29.9	44.9

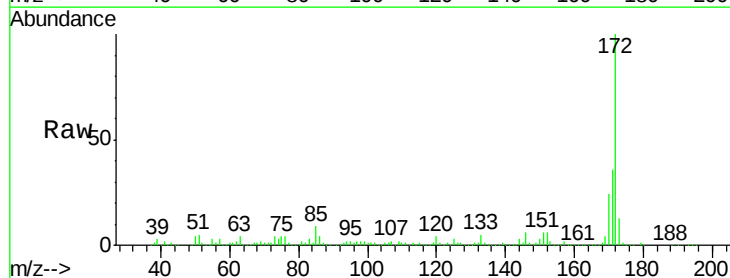


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

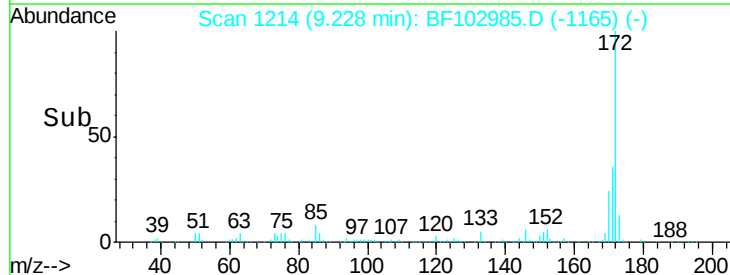
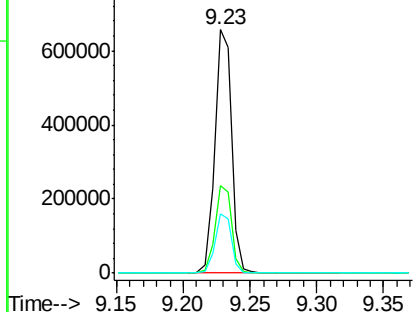


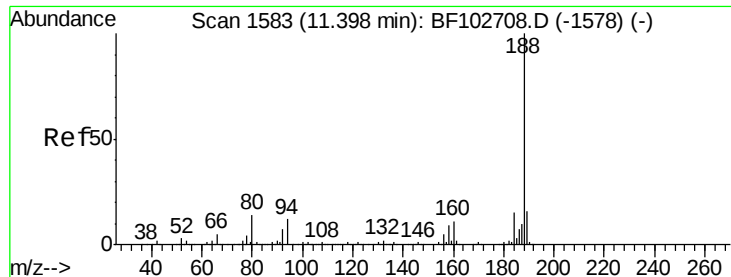
#44
 2-Fluorobiphenyl
 Concen: 37.054 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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

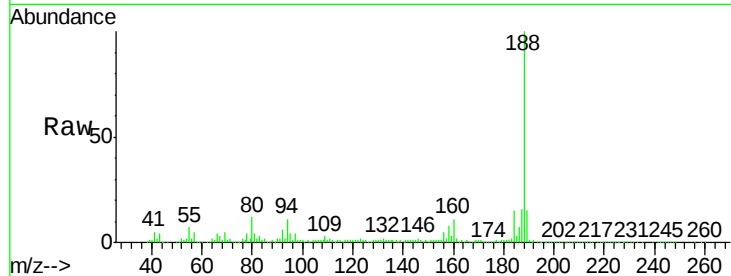




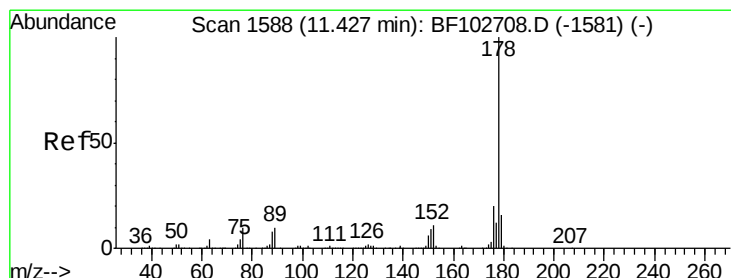
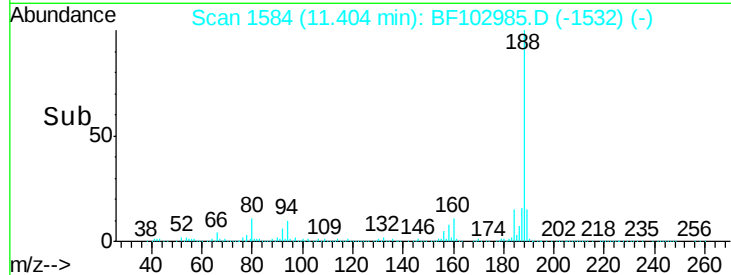
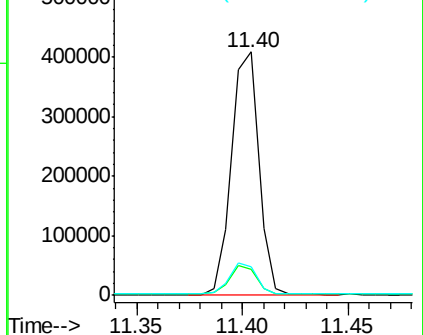
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:188 Resp: 367111
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.5 9.2 13.8

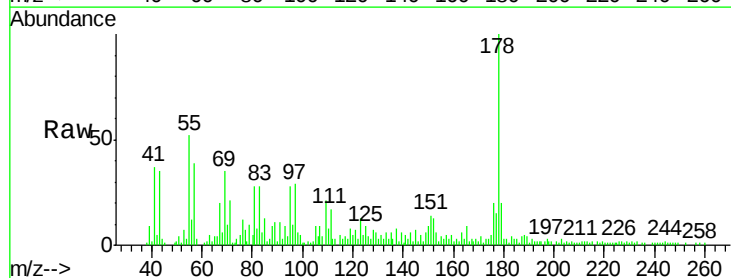


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

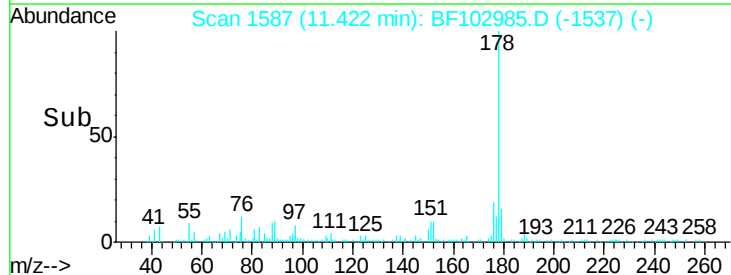
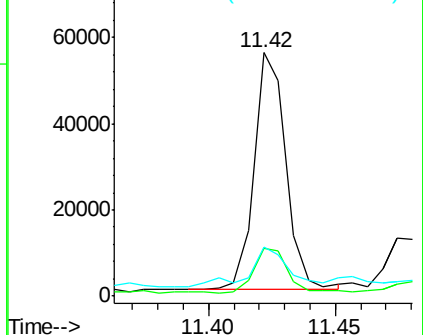


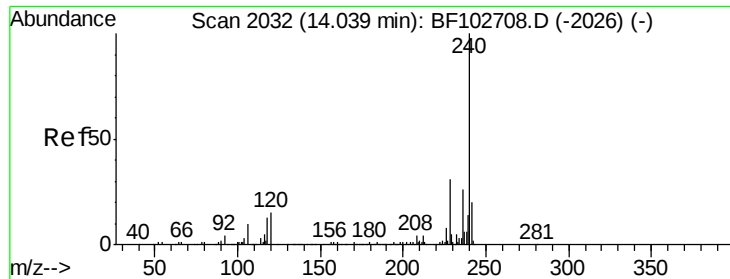
#70
Phenanthrene
Concen: 2.356 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF102985.D
Acq: 14 Feb 2018 13:21

Tgt Ion:178 Resp: 48172
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 20.3 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

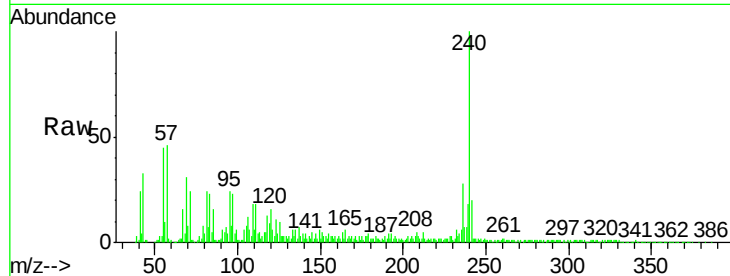
Tot Ion:240 Resp: 247059

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

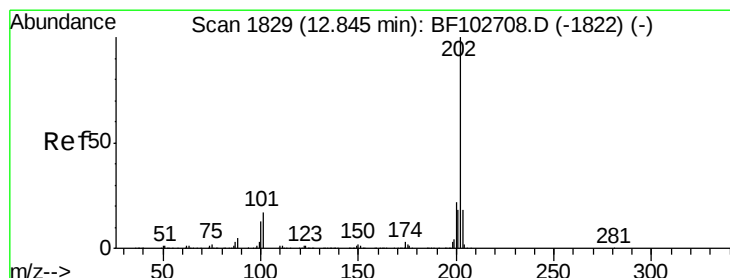
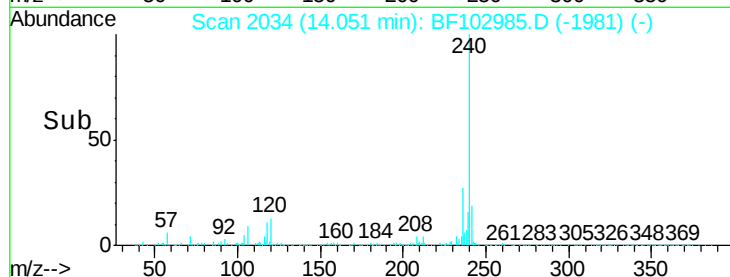
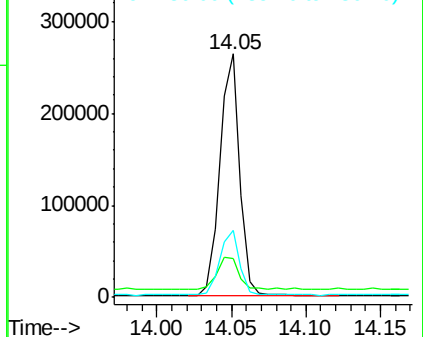
236 27.6 20.7 31.1



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



#77

Pyrene

Concen: 2.735 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

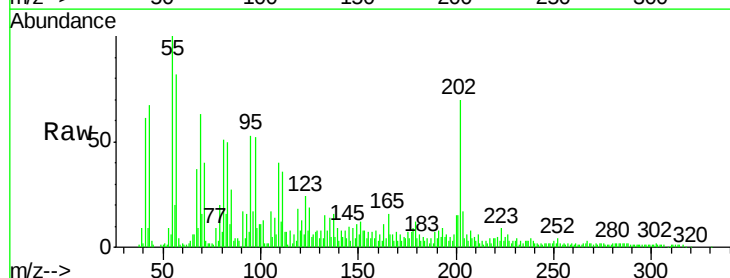
Tgt Ion:202 Resp: 52995

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

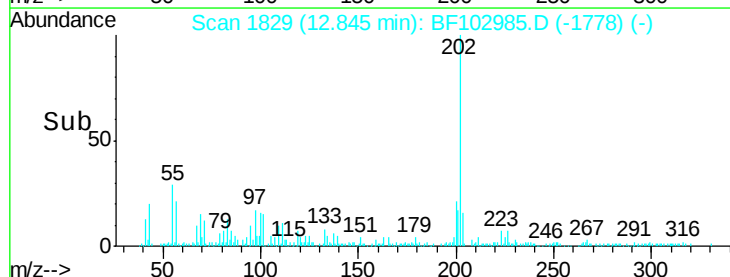
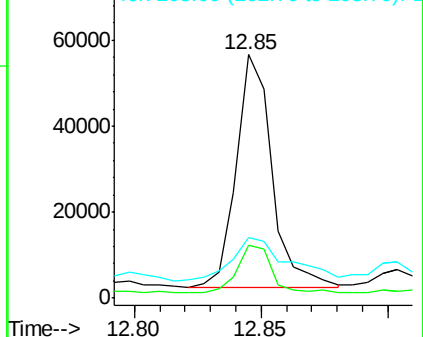
203 24.7 14.3 21.5#

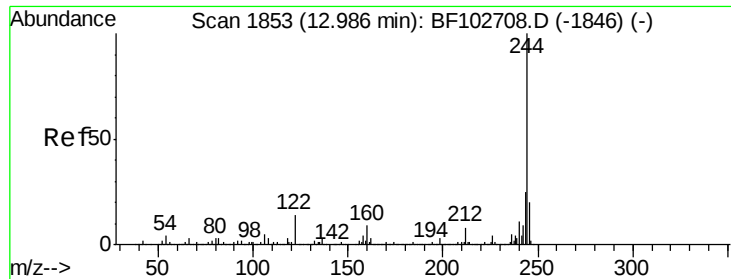


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.763 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

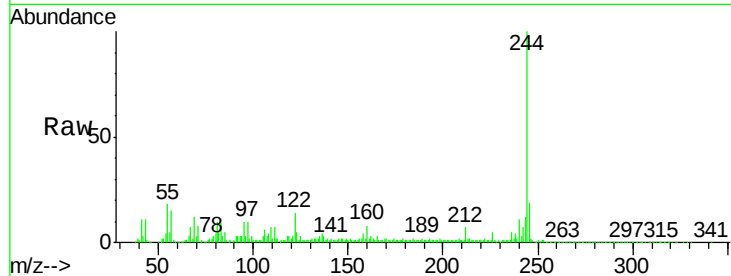
Tot Ion:244 Resp: 373159

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 14.3 11.0 16.4

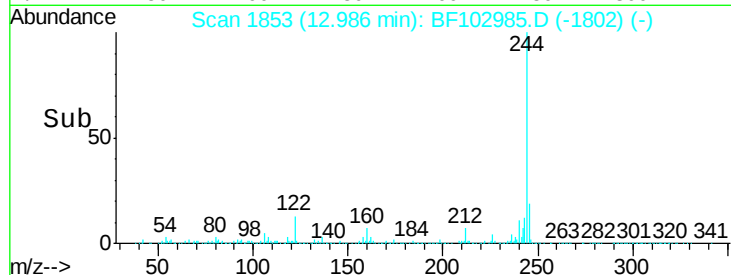


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



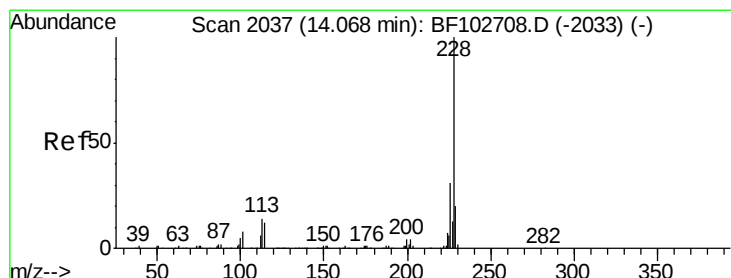
Abundance

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

Time-->



#82

Chrysene

Concen: 2.249 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF102985.D

Acq: 14 Feb 2018 13:21

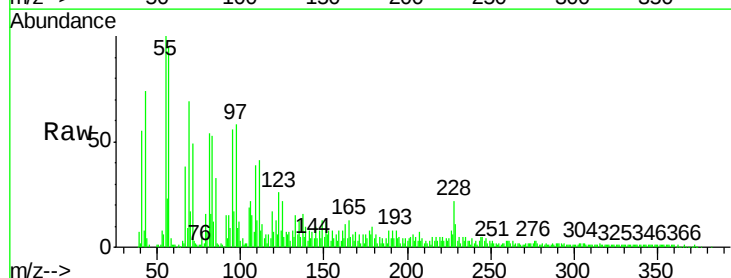
Tgt Ion:228 Resp: 35224

Ion Ratio Lower Upper

228 100

226 35.8 25.0 37.6

229 50.3 16.2 24.4#

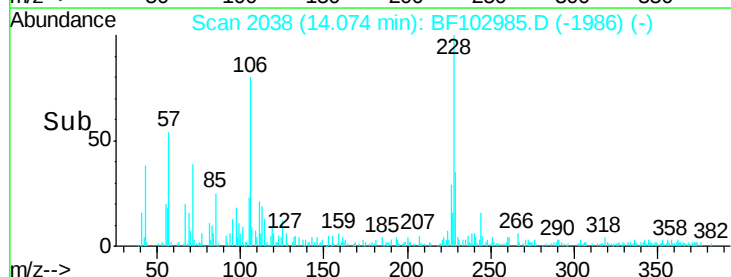


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



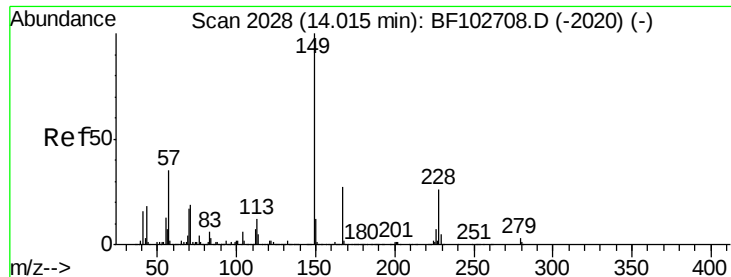
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

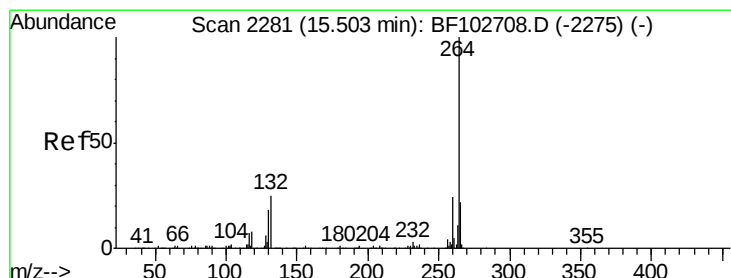
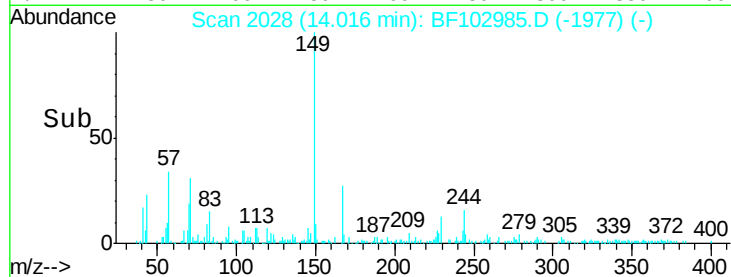
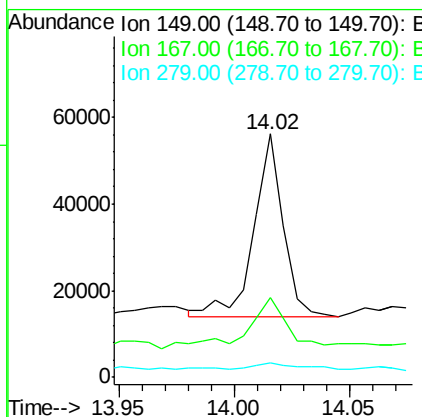
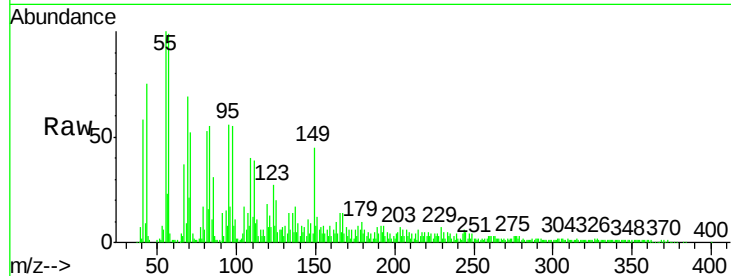
Time-->



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.151 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.6	21.3	31.9#
279	5.9	3.0	4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.04 min
 Lab File: BF102985.D
 Acq: 14 Feb 2018 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.5	26.3

