

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102971.D
 Acq On : 13 Feb 2018 19:34
 Operator : SJ/JU
 Sample : J1537-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Feb 14 02:27:45 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

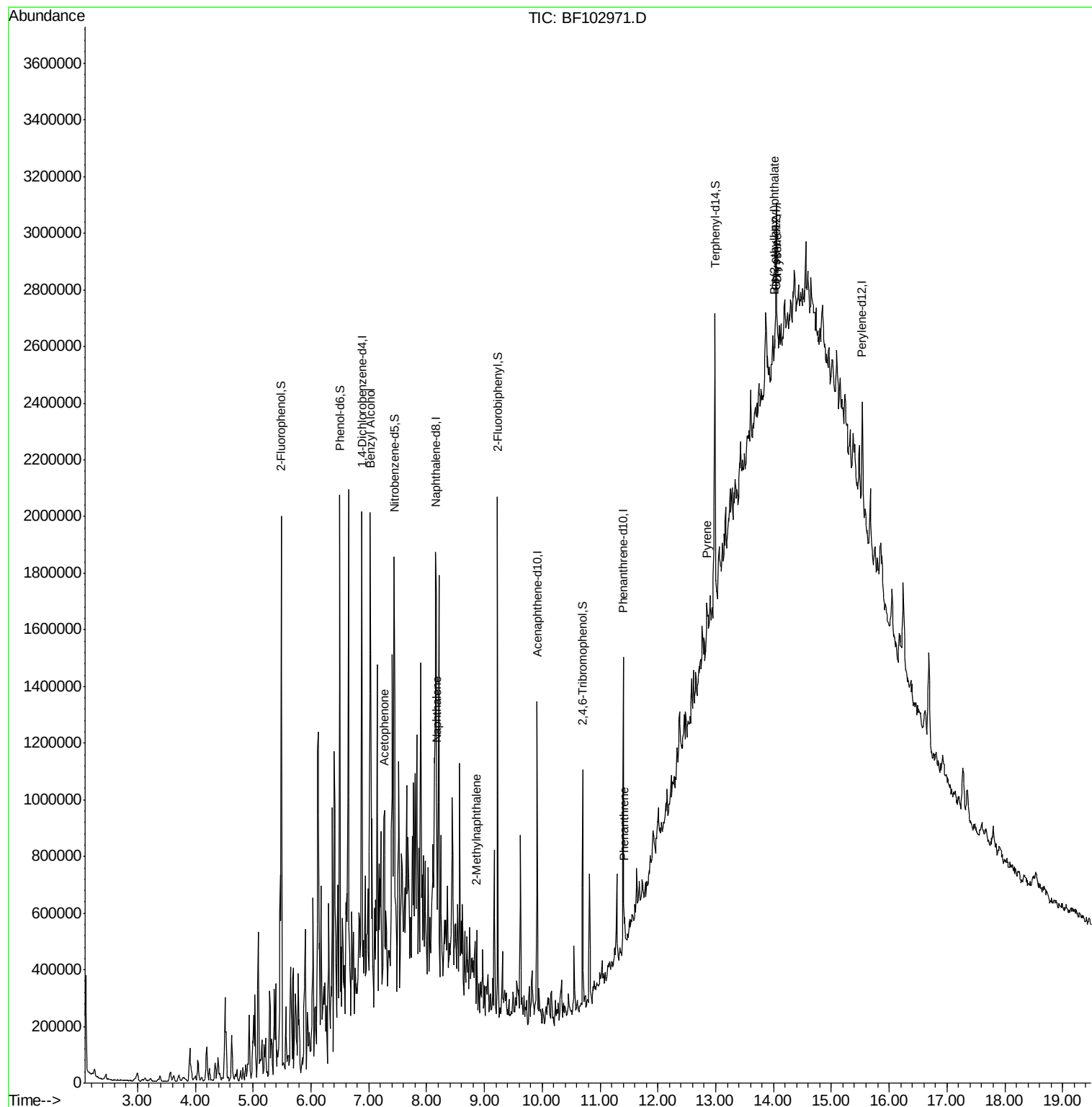
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143996	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	554393	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	220758	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	339713	20.00	ng	0.00
75) Chrysene-d12	14.04	240	219555	20.00	ng	0.00
86) Perylene-d12	15.53	264	172965	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	470269	49.60	ng	0.00
7) Phenol-d6	6.50	99	557250	48.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	320110	40.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	81581	45.91	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	498933	37.50	ng	-0.01
78) Terphenyl-d14	12.99	244	367980	39.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	20010	2.280	ng	# 59
22) Acetophenone	7.27	105	52409	3.863	ng	# 63
31) Naphthalene	8.18	128	102171	3.772	ng	# 91
37) 2-Methylnaphthalene	8.87	142	69080	3.895	ng	97
70) Phenanthrene	11.42	178	44993	2.378	ng	97
77) Pyrene	12.84	202	53188	3.089	ng	# 93
82) Chrysene	14.07	228	29068	2.088	ng	# 64
83) Bis(2-ethylhexyl)phthalate	14.02	149	43212	4.097	ng	# 88

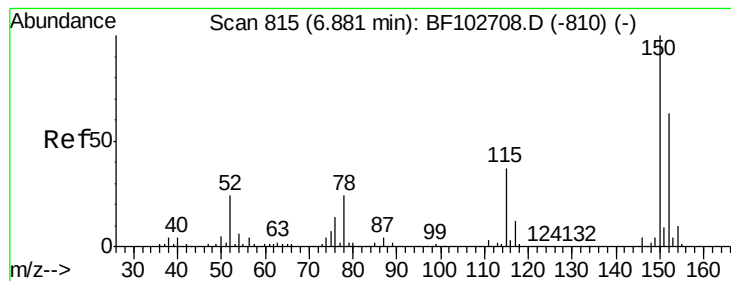
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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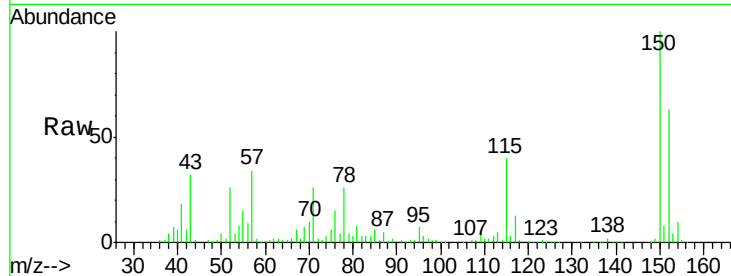


#1

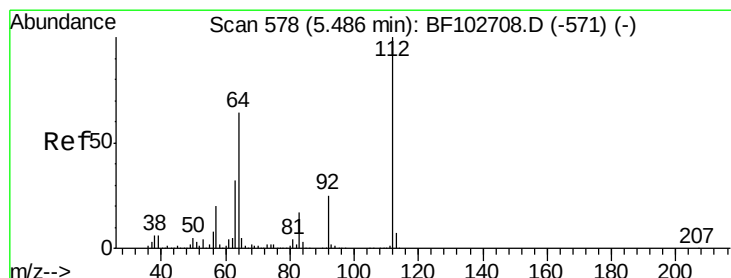
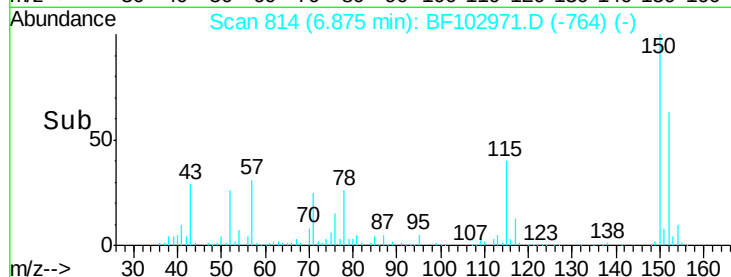
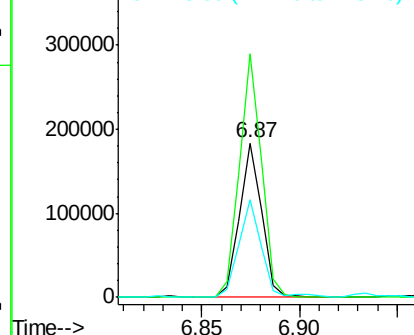
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102971.D
Acq: 13 Feb 2018 19:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.3	50.1	75.1



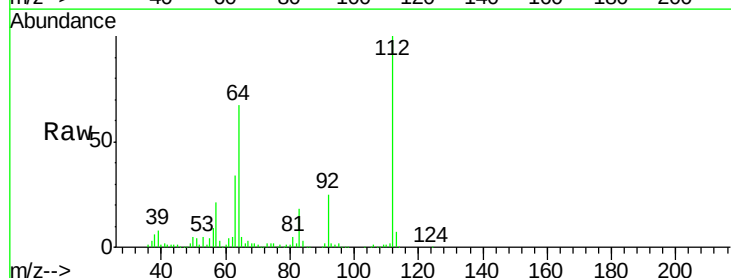
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



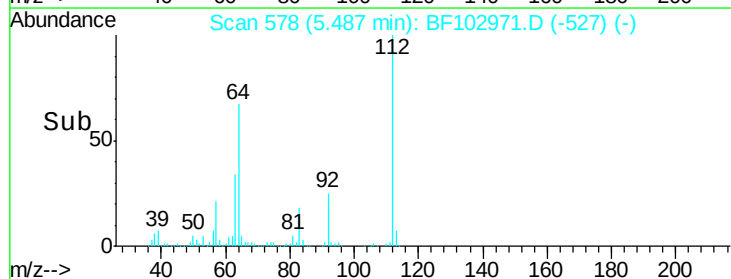
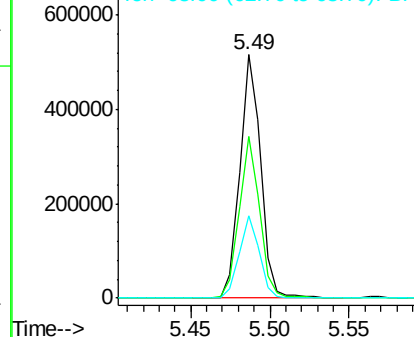
#5

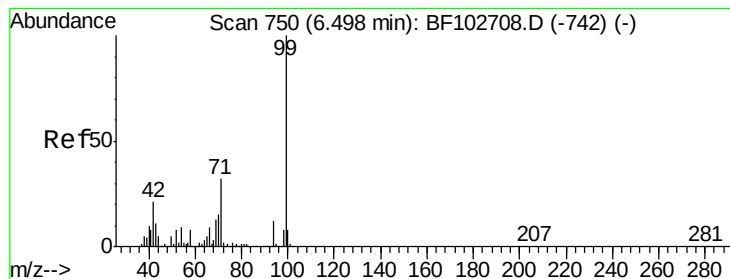
2-Fluorophenol
Concen: 49.597 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102971.D
Acq: 13 Feb 2018 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	33.7	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: 48.810 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

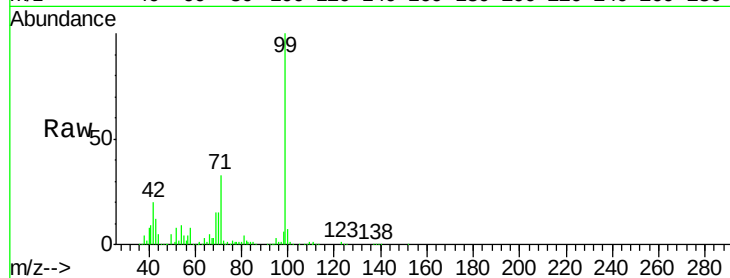
Tot Ion: 99 Resp: 557250

Ion Ratio Lower Upper

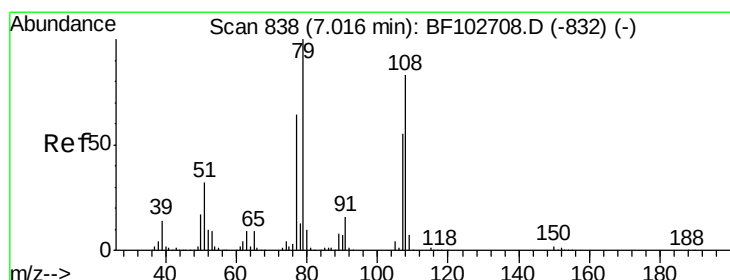
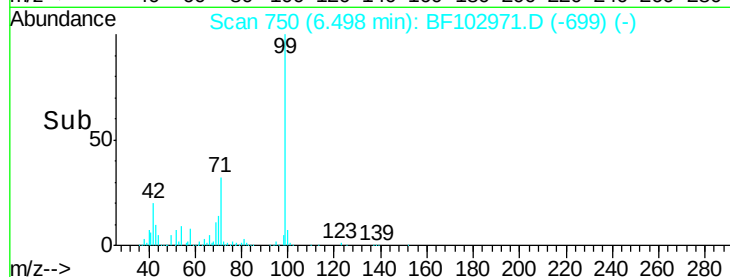
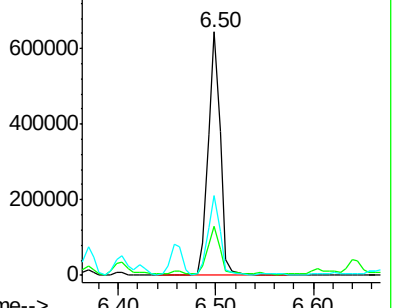
99 100

42 20.2 14.5 21.7

71 32.6 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



#15

Benzyl Alcohol

Concen: 2.280 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

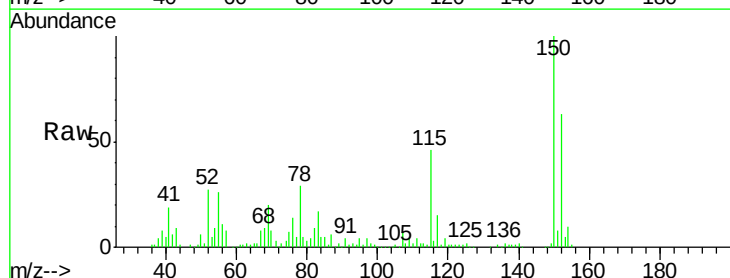
Tgt Ion: 79 Resp: 20010

Ion Ratio Lower Upper

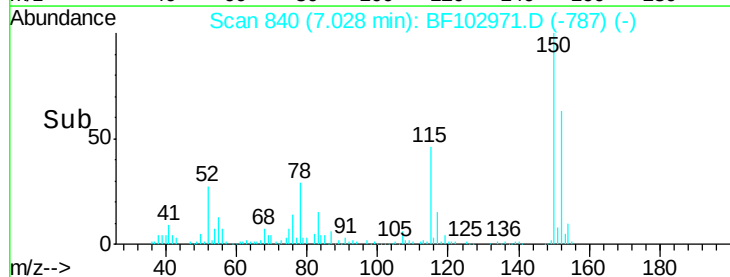
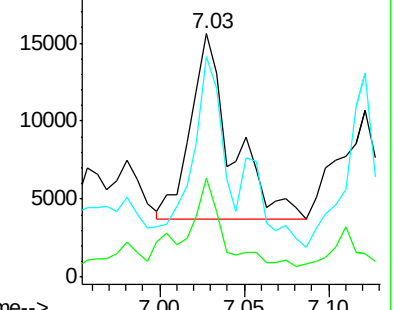
79 100

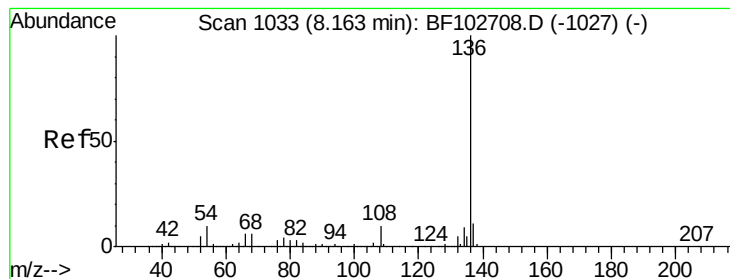
108 40.4 65.1 97.7#

77 90.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:136 Resp: 554393

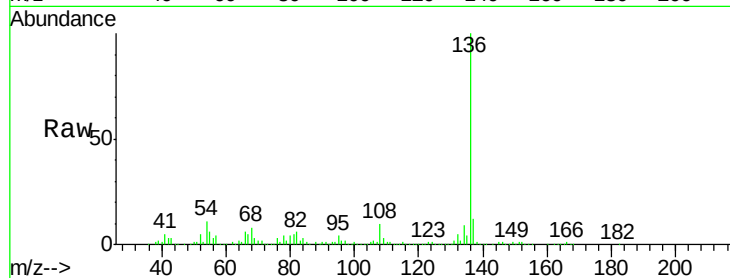
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 11.2 6.6 9.8#

68 7.8 5.0 7.4#

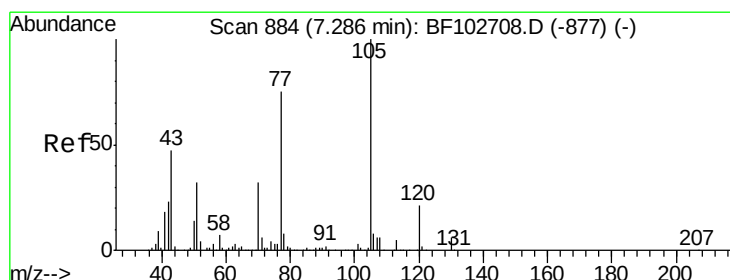
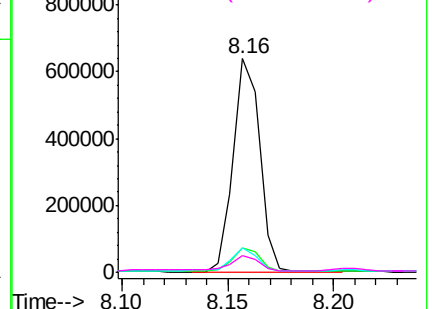
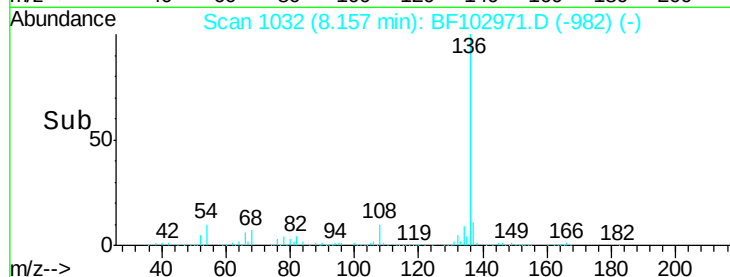


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.863 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Tgt Ion:105 Resp: 52409

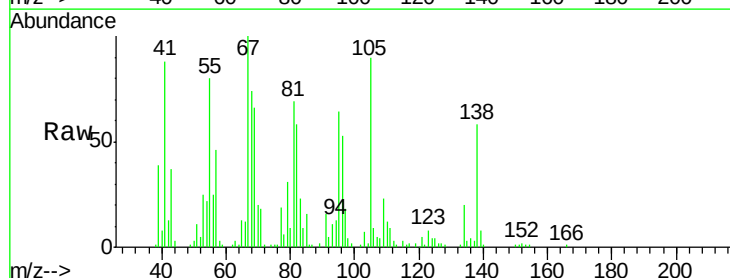
Ion Ratio Lower Upper

105 100

71 19.7 4.4 6.6#

51 12.0 22.3 33.5#

120 0.5 16.9 25.3#

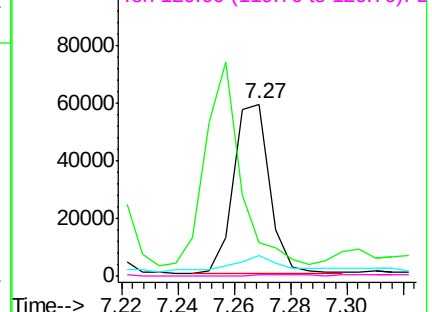
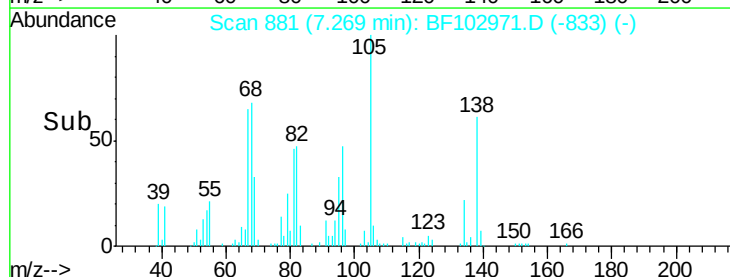


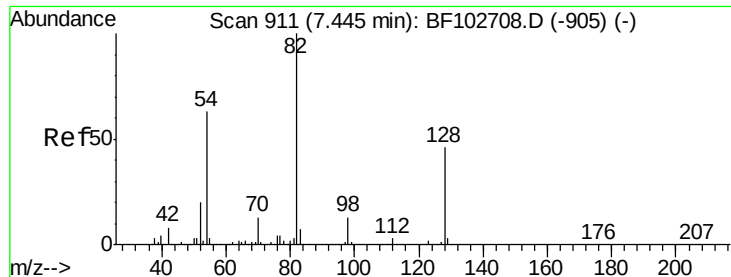
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

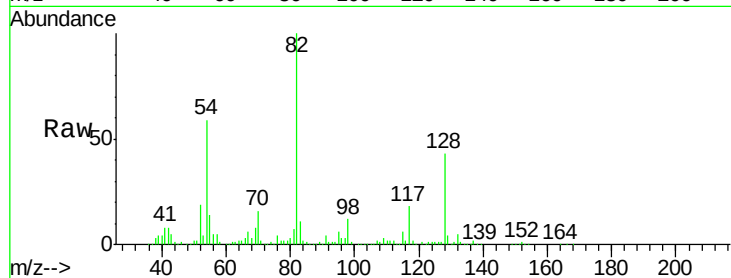




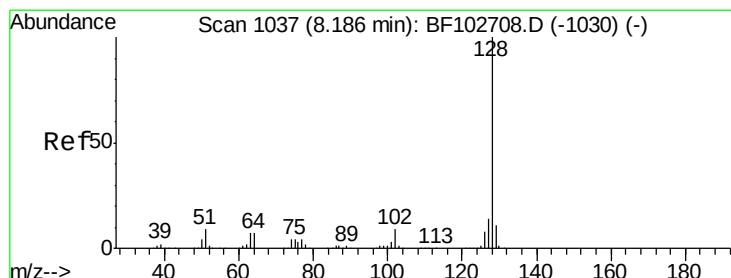
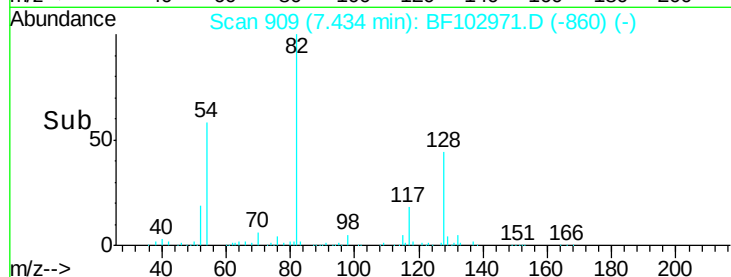
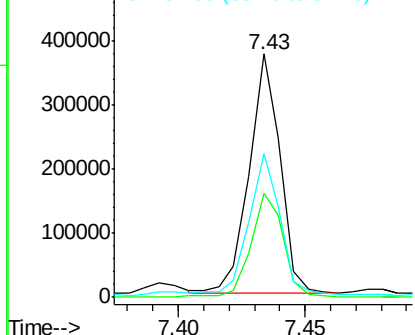
#23
Nitrobenzene-d5
Concen: 40.055 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102971.D
Acq: 13 Feb 2018 19:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	82	Resp	320110
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	58.9	41.4	62.2

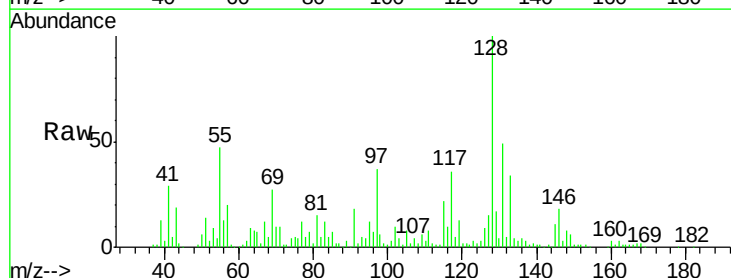


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

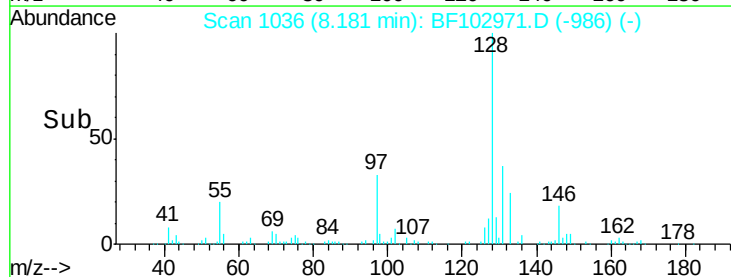
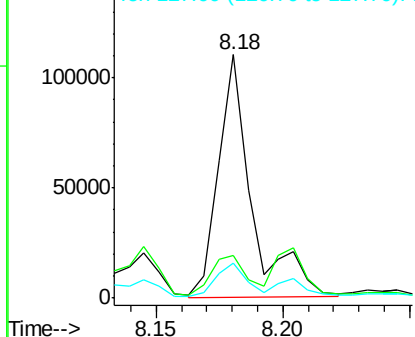


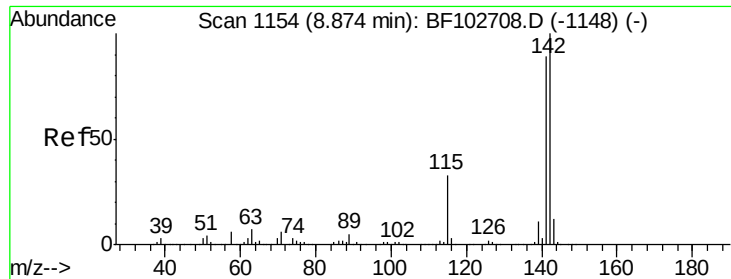
#31
Naphthalene
Concen: 3.772 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102971.D
Acq: 13 Feb 2018 19:34

Tgt Ion	128	Resp	102171
Ion Ratio	Lower	Upper	
128	100		
129	17.4	8.8	13.2#
127	14.5	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

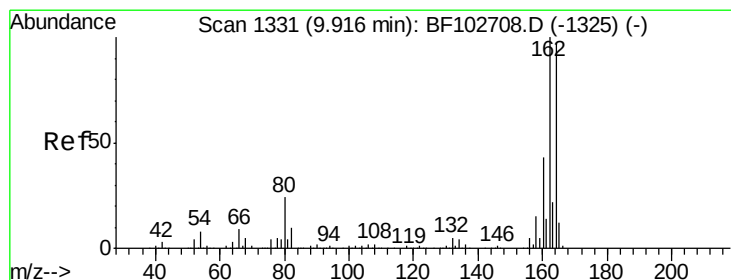
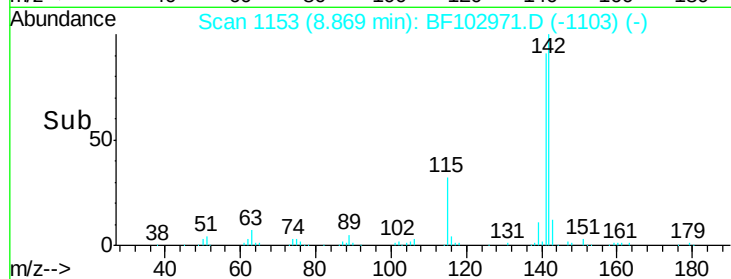
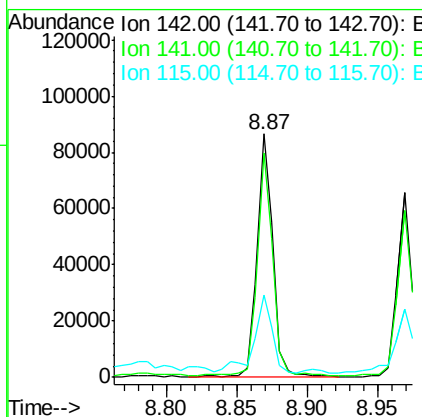
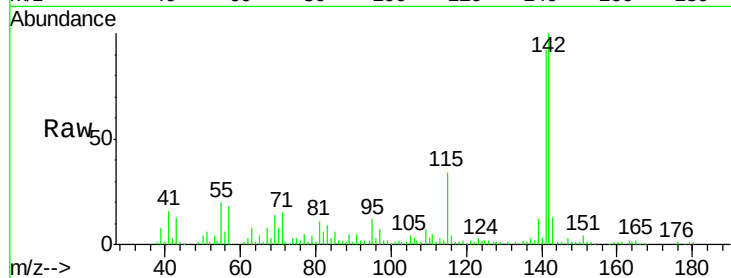




#37
 2-Methylnaphthalene
 Concen: 3.895 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

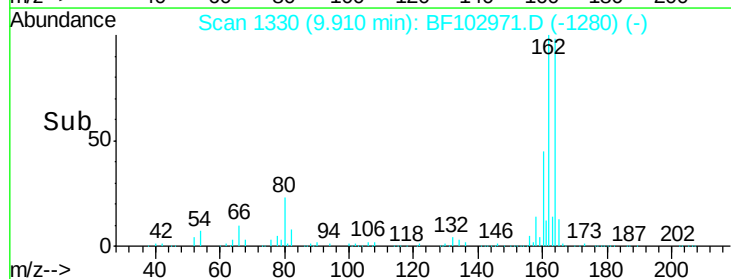
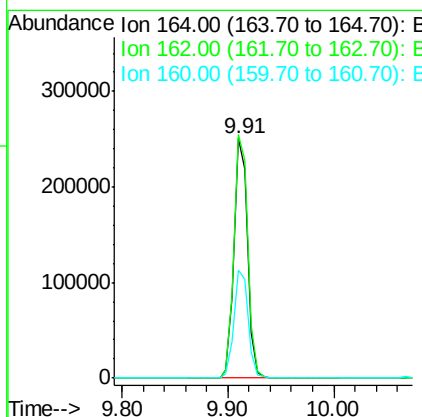
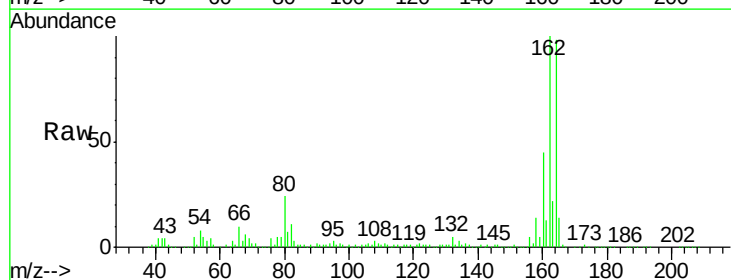
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 SB-02-COMP

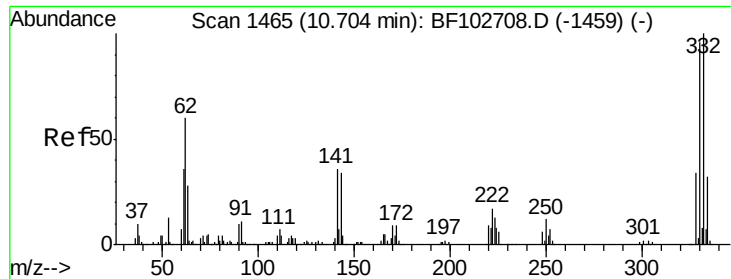
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
115	33.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.3	38.3	57.5

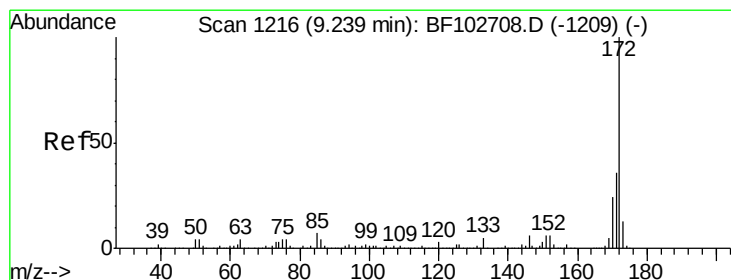
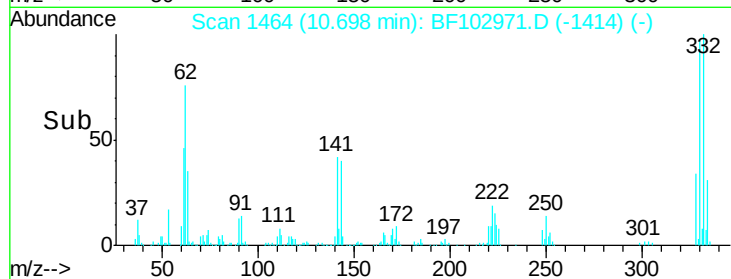
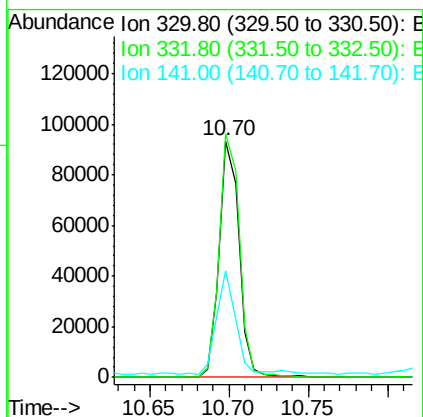
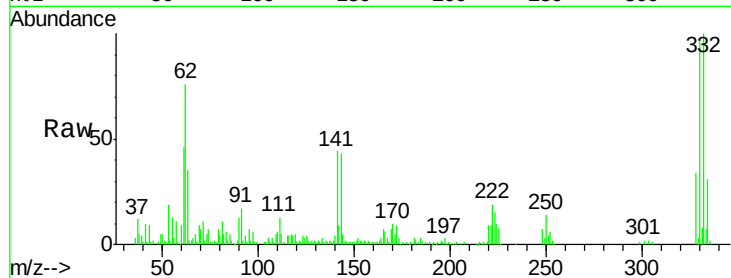




#41
 2,4,6-Tribromophenol
 Concen: 45.913 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

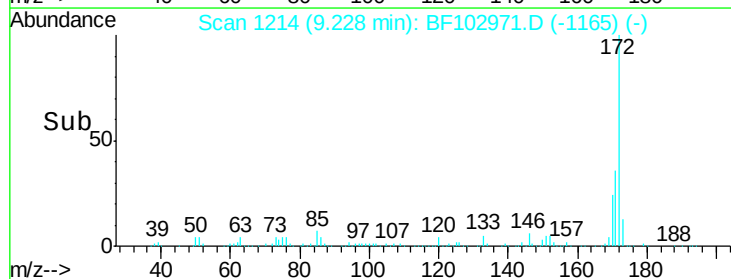
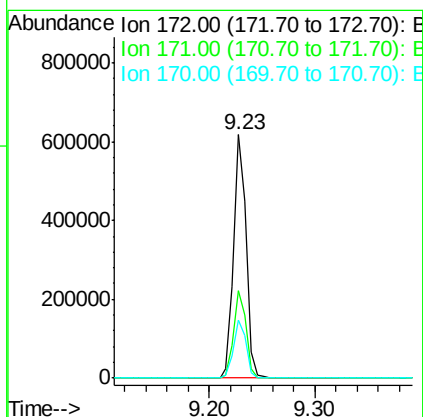
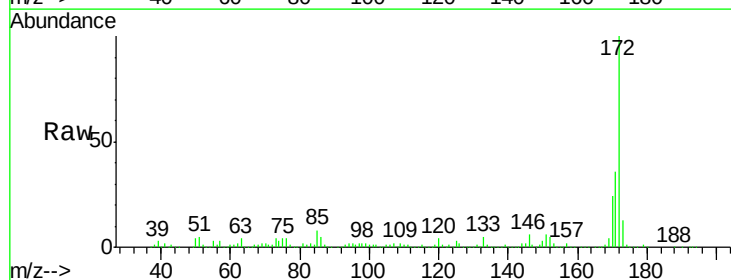
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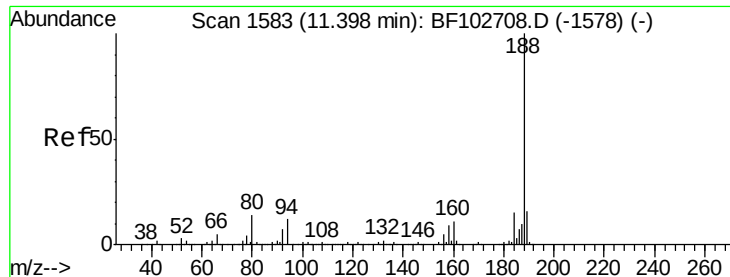
Tot Ion:330 Resp: 81581
 Ion Ratio Lower Upper
 330 100
 332 104.7 77.0 115.6
 141 42.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 37.503 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

Tgt Ion:172 Resp: 498933
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

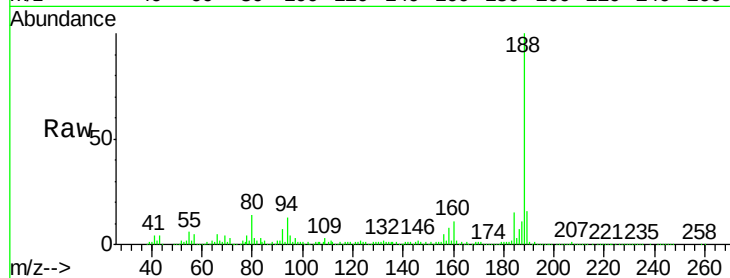
Tot Ion:188 Resp: 339713

Ion Ratio Lower Upper

188 100

94 13.0 8.5 12.7#

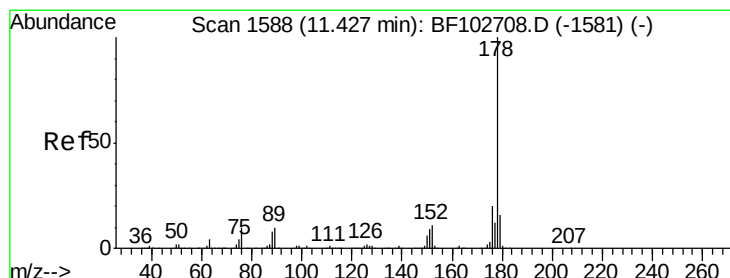
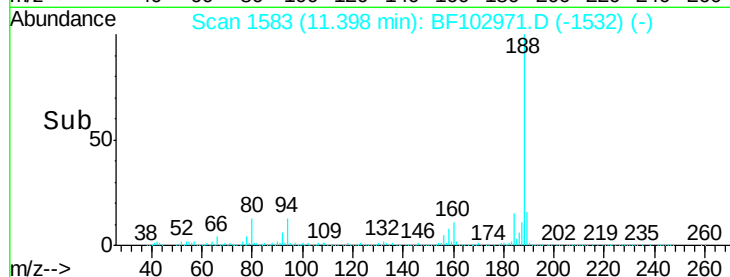
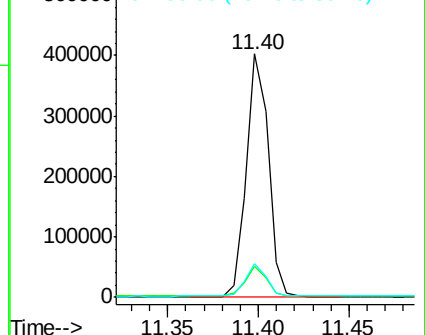
80 13.7 9.2 13.8



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: 2.378 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

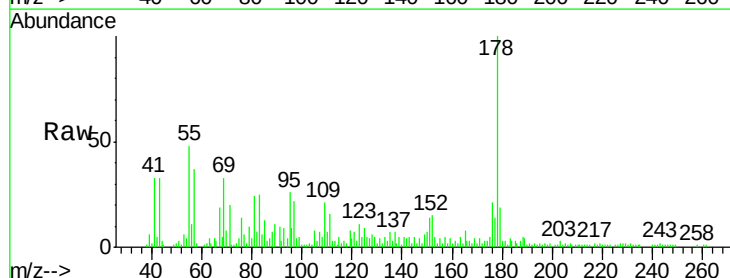
Tgt Ion:178 Resp: 44993

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

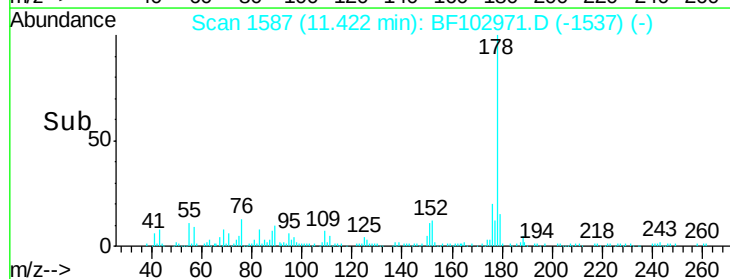
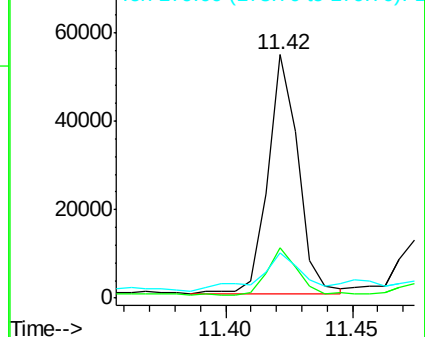
179 18.6 13.0 19.6

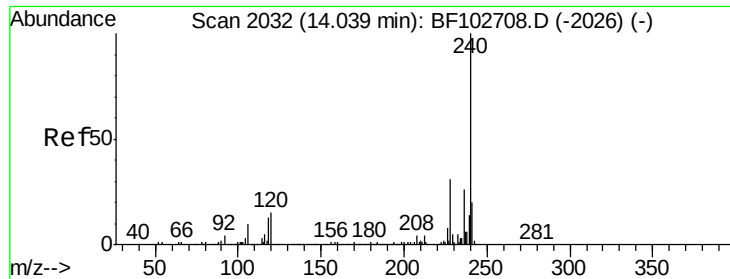


Abundance Ion 178.00 (177.70 to 178.70): E

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: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

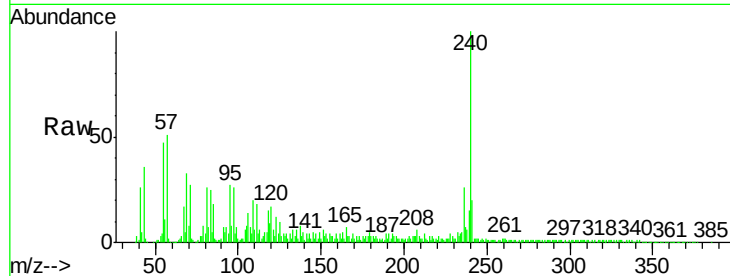
Tot Ion:240 Resp: 219555

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

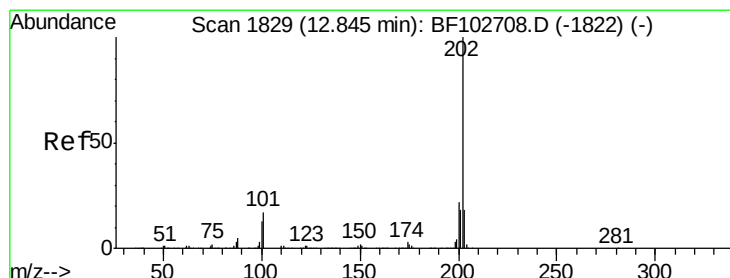
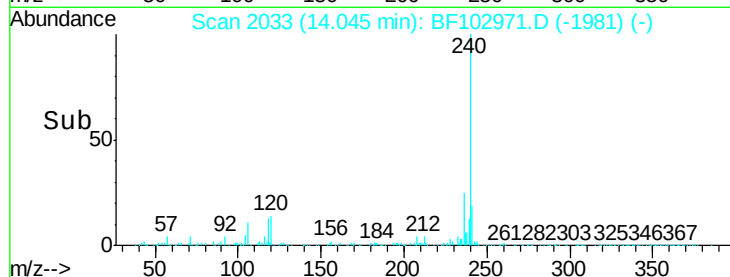
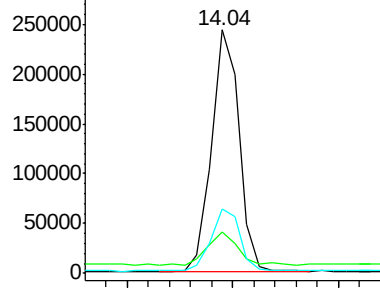
236 26.3 20.7 31.1



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: 3.089 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

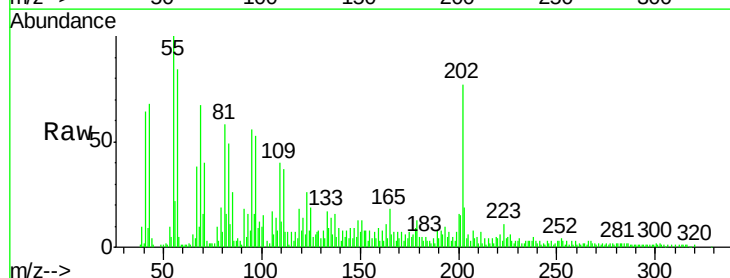
Tgt Ion:202 Resp: 53188

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

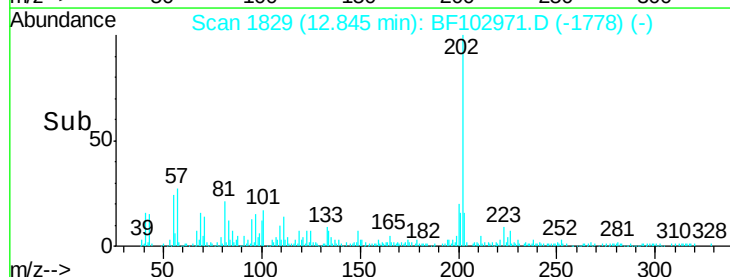
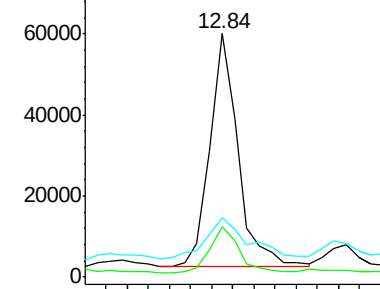
203 24.1 14.3 21.5#

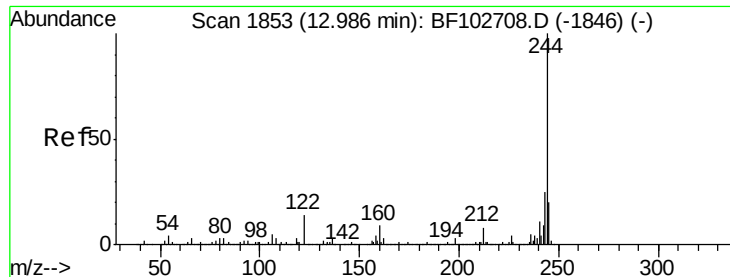


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.685 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

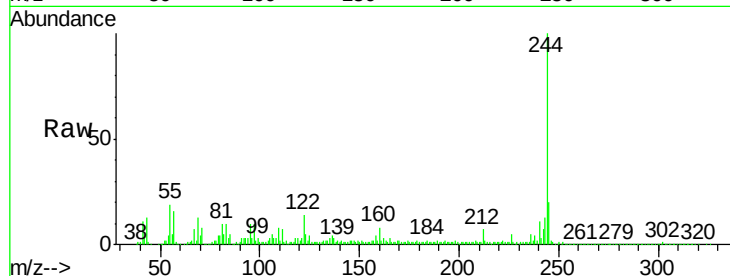
Tot Ion:244 Resp: 367980

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

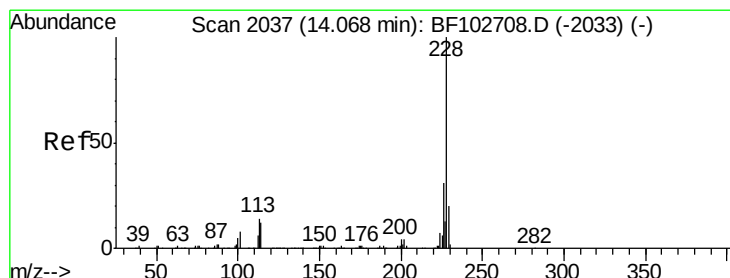
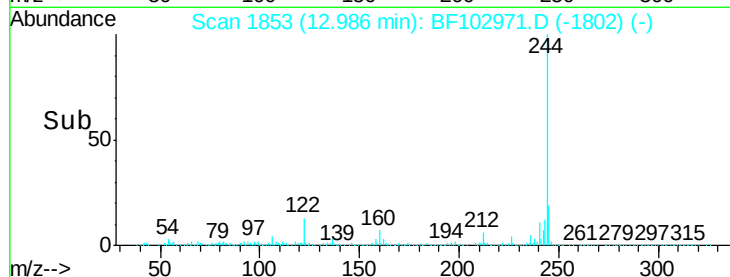
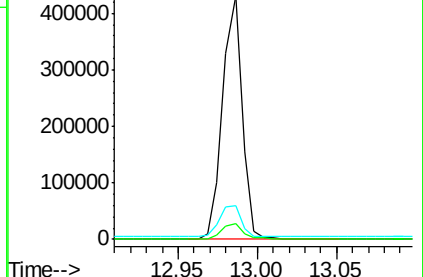
122 14.0 11.0 16.4



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



#82

Chrysene

Concen: 2.088 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF102971.D

Acq: 13 Feb 2018 19:34

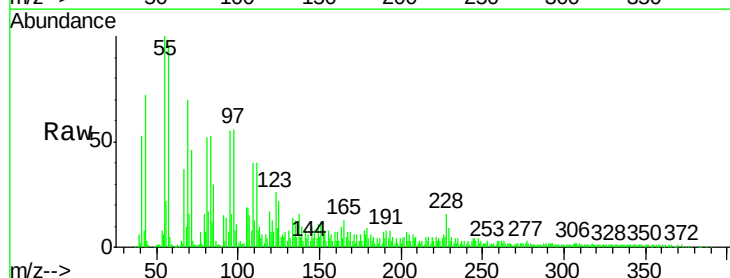
Tgt Ion:228 Resp: 29068

Ion Ratio Lower Upper

228 100

226 35.8 25.0 37.6

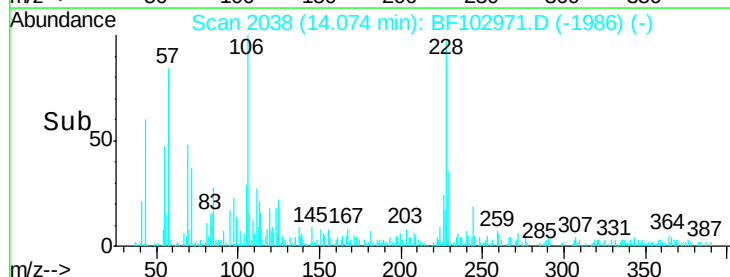
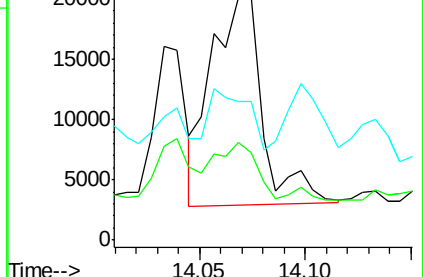
229 57.1 16.2 24.4#

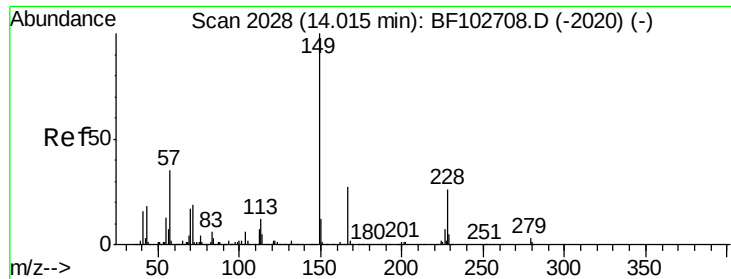


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

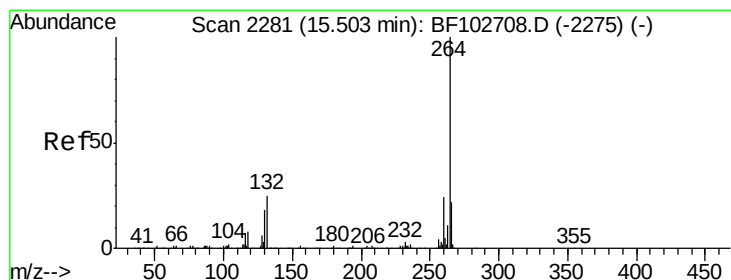
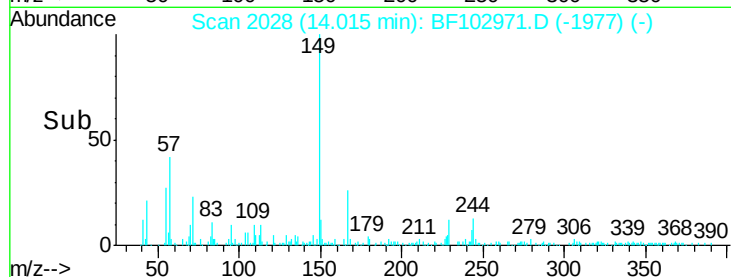
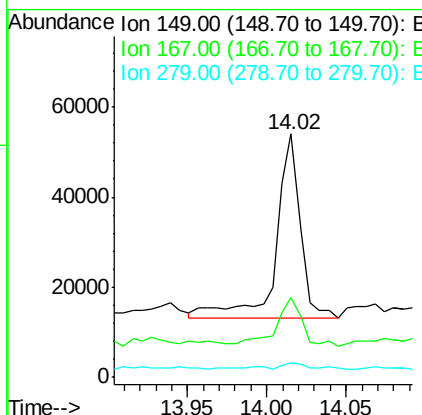
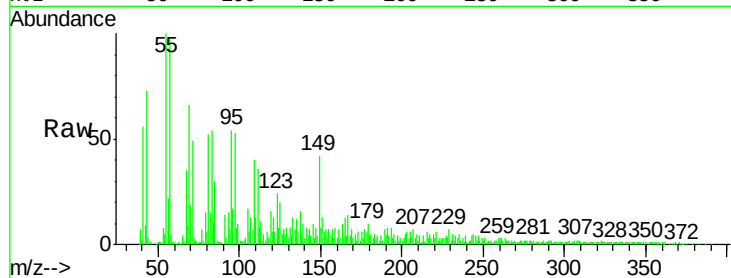




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.097 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:149 Resp: 43212
 Ion Ratio Lower Upper
 149 100
 167 32.9 21.3 31.9#
 279 5.9 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.03 min
 Lab File: BF102971.D
 Acq: 13 Feb 2018 19:34

Tgt Ion:264 Resp: 172965
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.2 28.8
 265 22.6 17.5 26.3

