

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103586.D
 Acq On : 12 Mar 2018 17:15
 Operator : SJ/JU
 Sample : J1867-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C190137

Quant Time: Mar 13 01:48:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

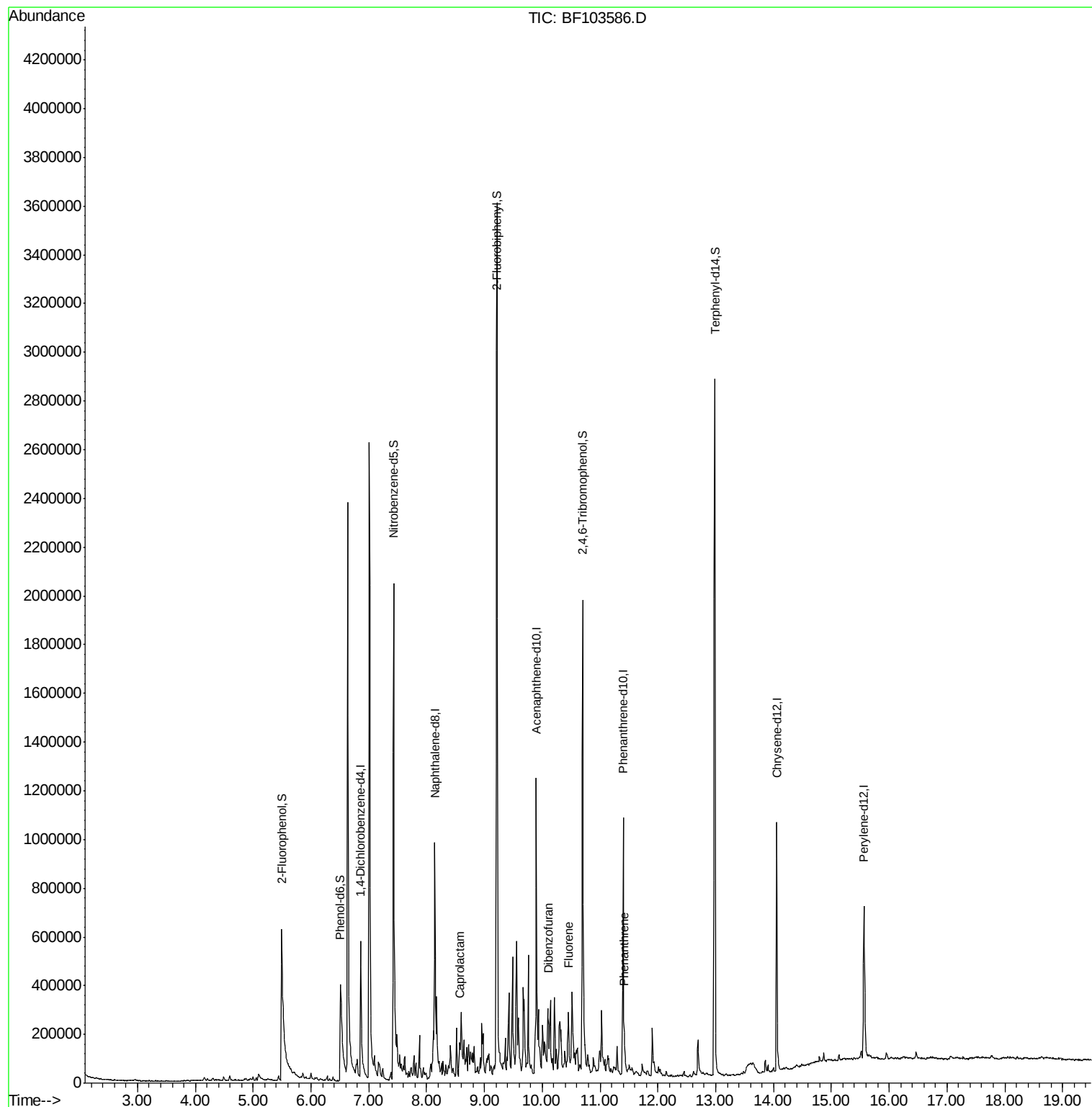
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134896	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	550289	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	254599	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	453351	20.00	ng	0.00
75) Chrysene-d12	14.06	240	381950	20.00	ng	0.00
86) Perylene-d12	15.57	264	356737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	532825	59.74	ng	0.00
7) Phenol-d6	6.51	99	428388	39.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	936689	97.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	273897	127.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1303005	89.18	ng	0.00
78) Terphenyl-d14	12.99	244	1184367	74.54	ng	0.00
Target Compounds						
35) Caprolactam	8.57	113	26414	10.28	ng	# 82
54) Dibenzofuran	10.11	168	49527	2.38	ng	# 92
57) Fluorene	10.45	166	66703	3.77	ng	99
70) Phenanthrene	11.42	178	54421	2.18	ng	99

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

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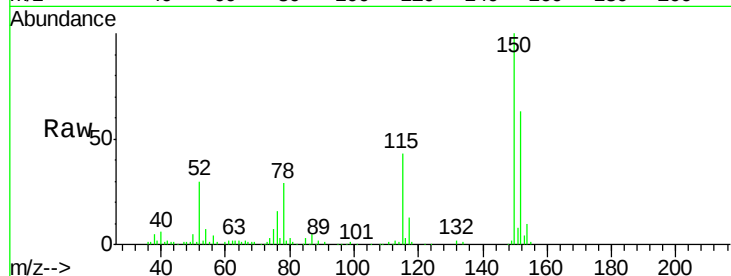


#1

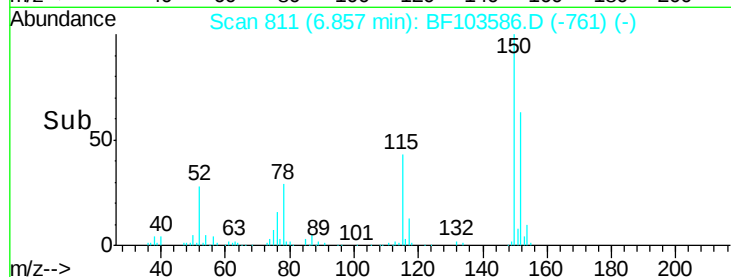
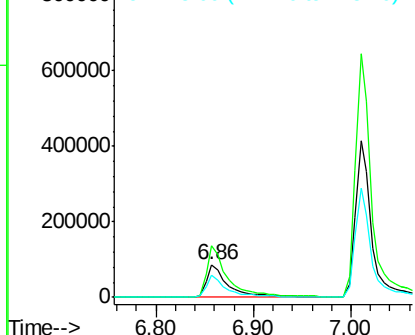
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103586.D
Acq: 12 Mar 2018 17:15

Instrument :
BNA_F
ClientSampleId :
C190137

Tot Ion:152 Resp: 134896
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 68.6 50.1 75.1



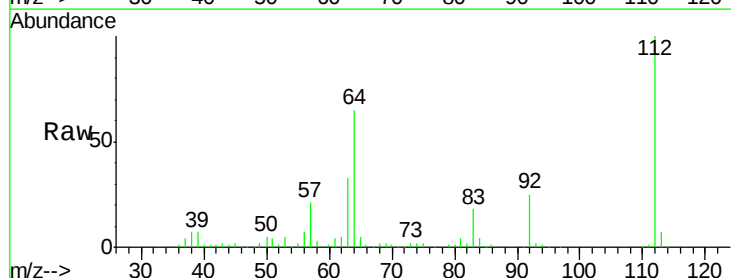
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



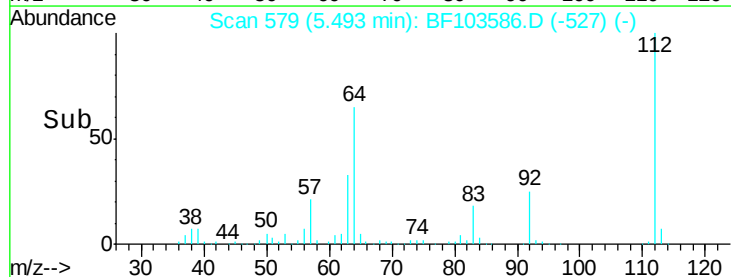
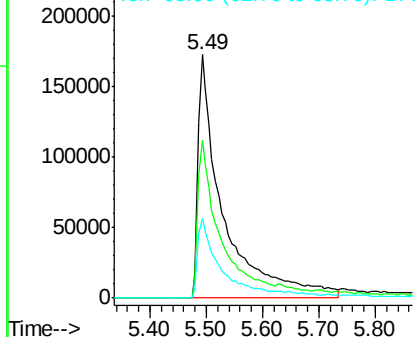
#5

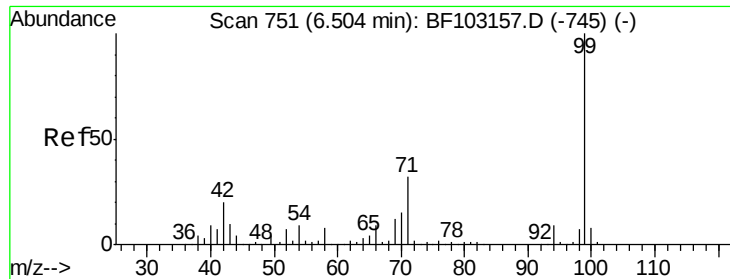
2-Fluorophenol
Concen: 59.74 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103586.D
Acq: 12 Mar 2018 17:15

Tgt Ion:112 Resp: 532825
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 32.6 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: 39.25 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Instrument :

BNA_F

ClientSampleId :

C190137

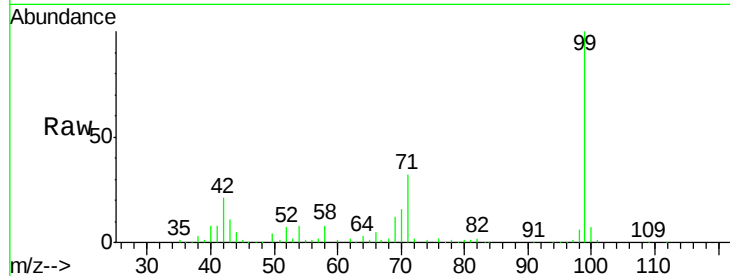
Tot Ion: 99 Resp: 428388

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

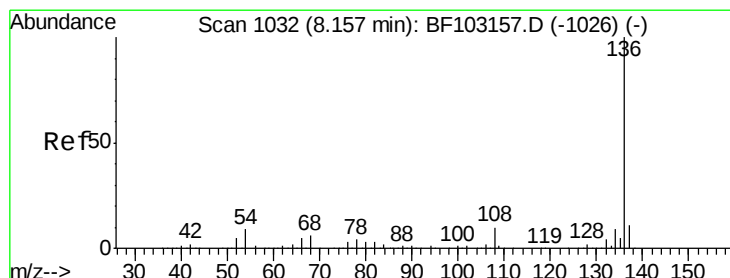
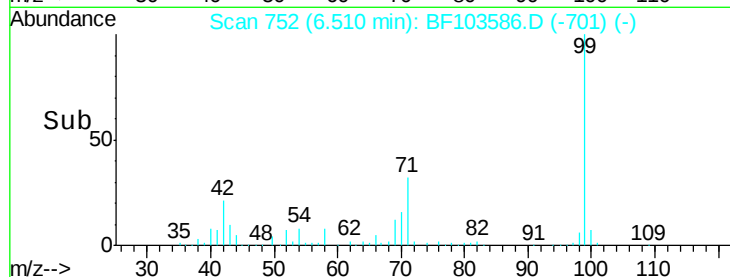
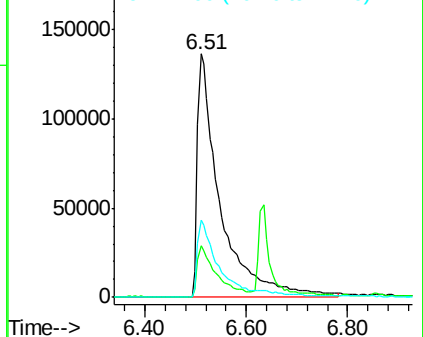
71 31.9 25.4 38.0



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: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Tgt Ion: 136 Resp: 550289

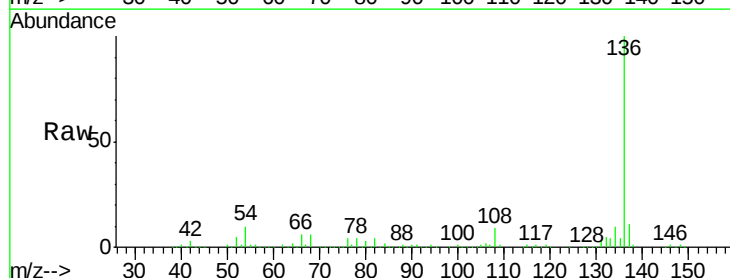
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.8 6.6 9.8

68 6.3 5.0 7.4

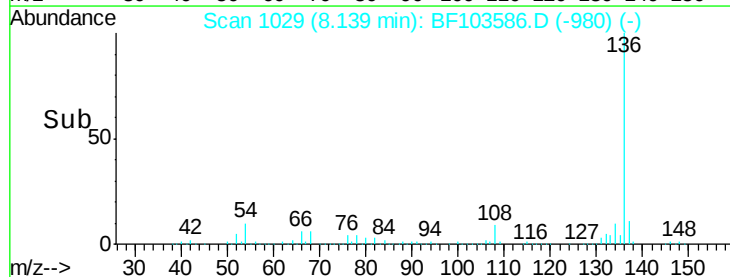
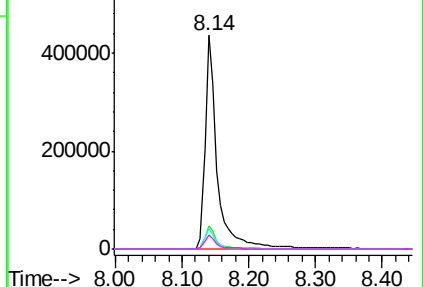


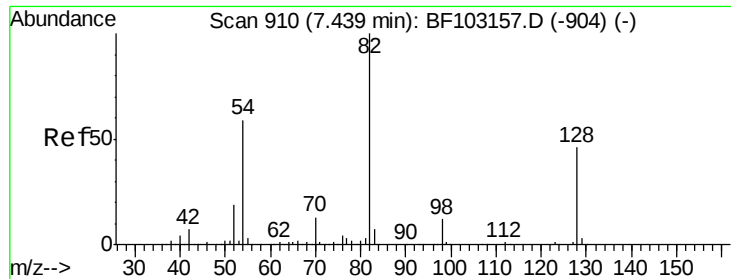
Abundance Ion 136.00 (135.70 to 136.70): E

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

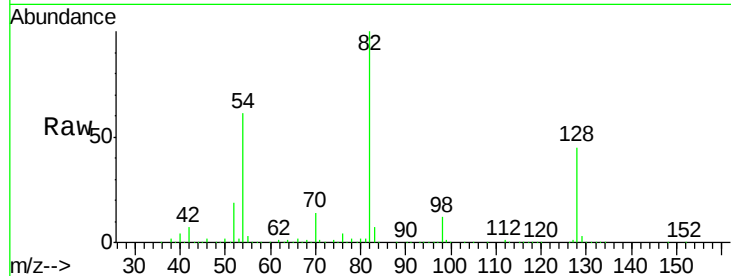




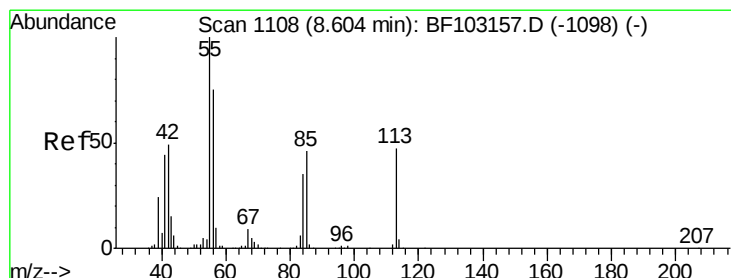
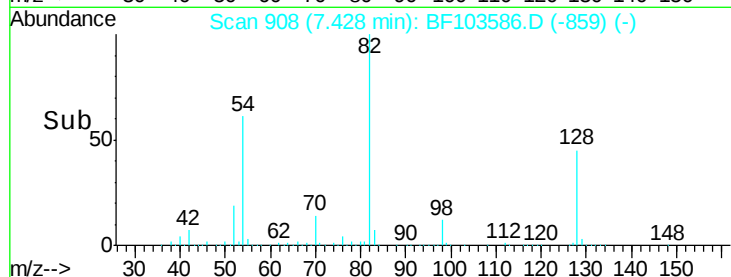
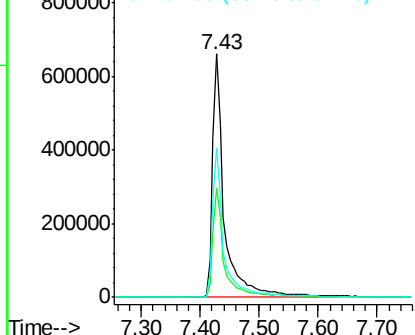
#23
 Nitrobenzene-d5
 Concen: 97.21 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103586.D
 Acq: 12 Mar 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 C190137

Tot Ion: 82 Resp: 936689
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 61.1 41.4 62.2

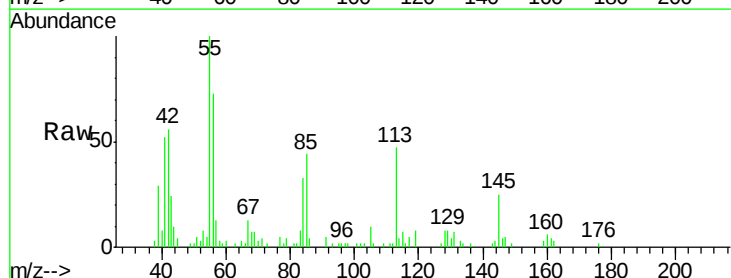


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

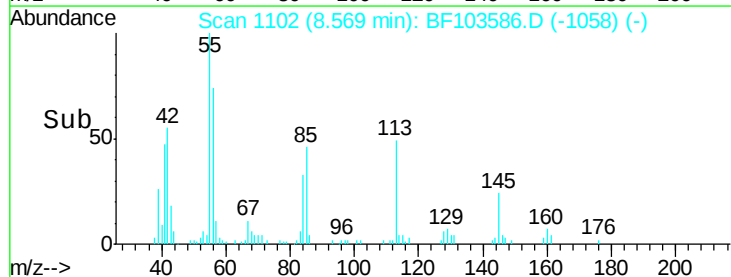
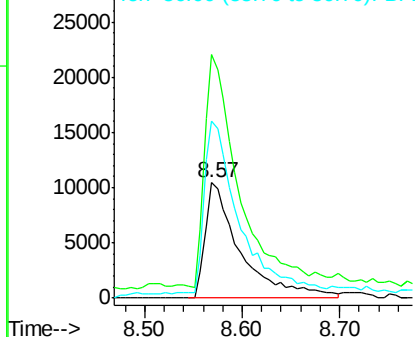


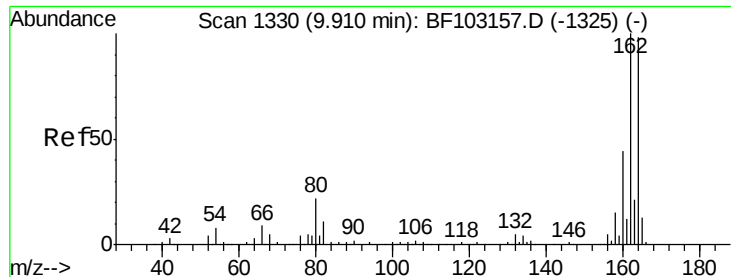
#35
 Caprolactam
 Concen: 10.28 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF103586.D
 Acq: 12 Mar 2018 17:15

Tgt Ion: 113 Resp: 26414
 Ion Ratio Lower Upper
 113 100
 55 211.6 163.3 203.3#
 56 153.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): BF1
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Instrument :

BNA_F

ClientSampleId :

C190137

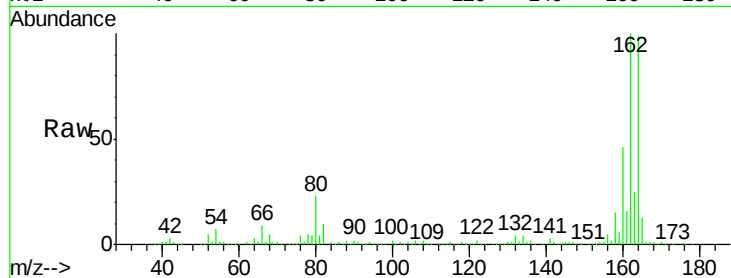
Tot Ion:164 Resp: 254599

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

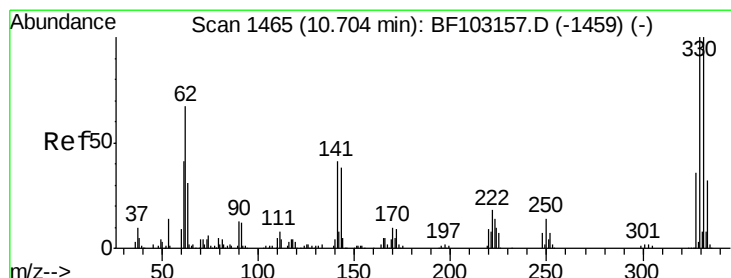
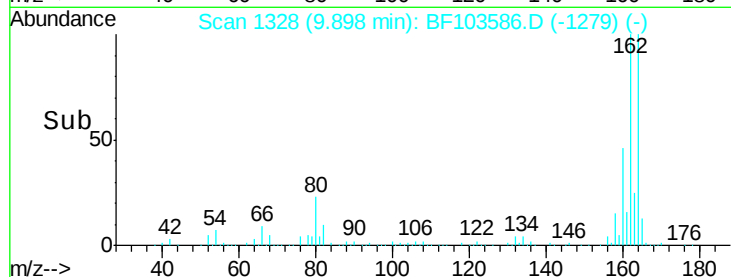
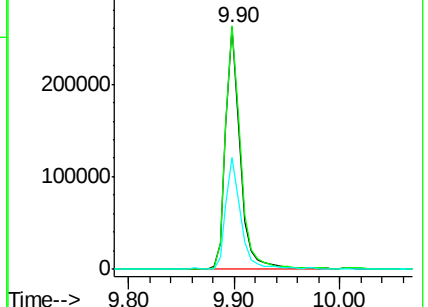
160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 127.10 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

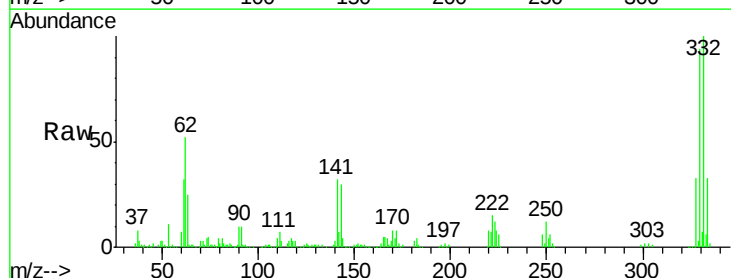
Tgt Ion:330 Resp: 273897

Ion Ratio Lower Upper

330 100

332 104.0 77.0 115.6

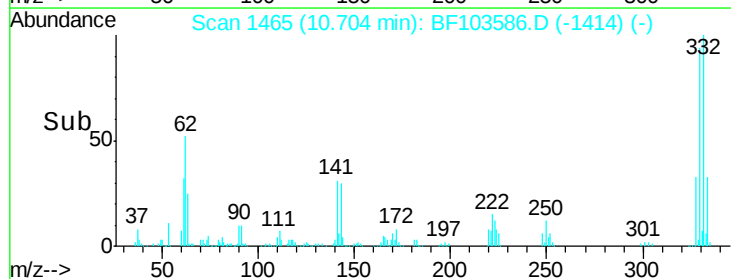
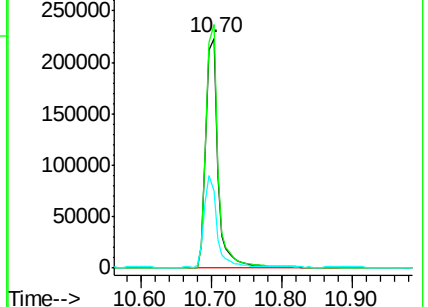
141 41.4 29.9 44.9

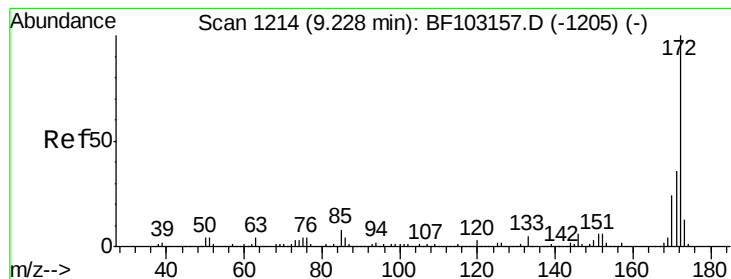


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.18 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Instrument :

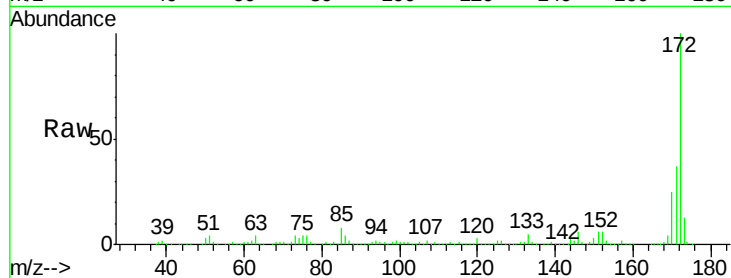
BNA_F

ClientSampleId :

C190137

Tot Ion:172 Resp: 1303005

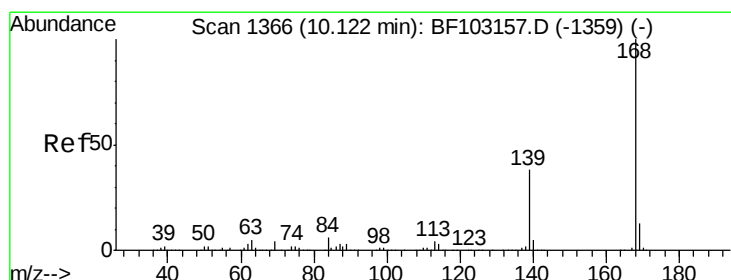
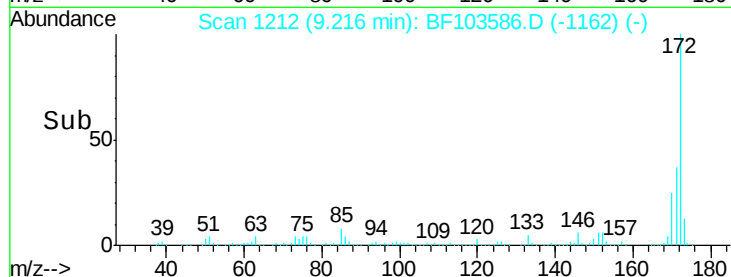
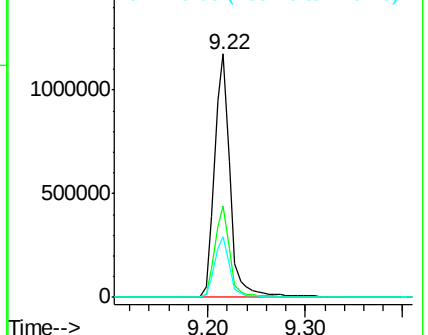
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.7	19.6	29.4



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



#54

Dibenzofuran

Concen: 2.38 ng

RT: 10.11 min Scan# 1364

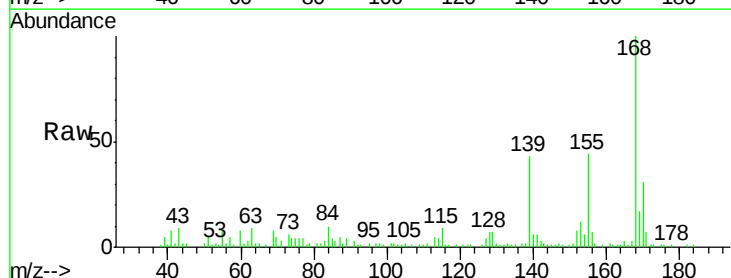
Delta R.T. -0.01 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Tgt Ion:168 Resp: 49527

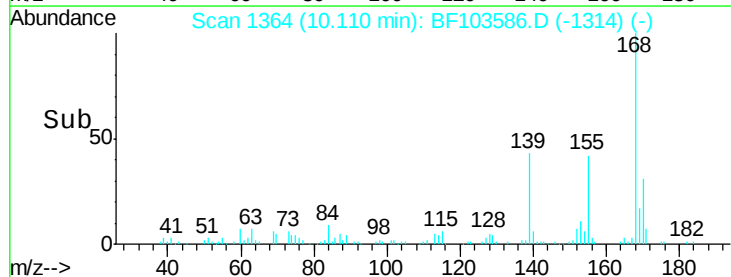
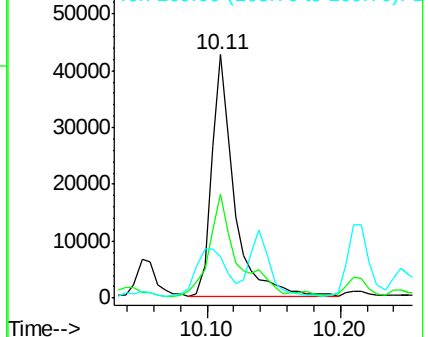
Ion	Ratio	Lower	Upper
168	100		
139	42.5	30.1	45.1
169	16.8	10.9	16.3#

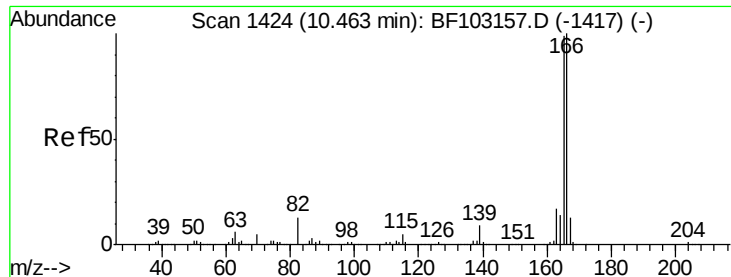


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

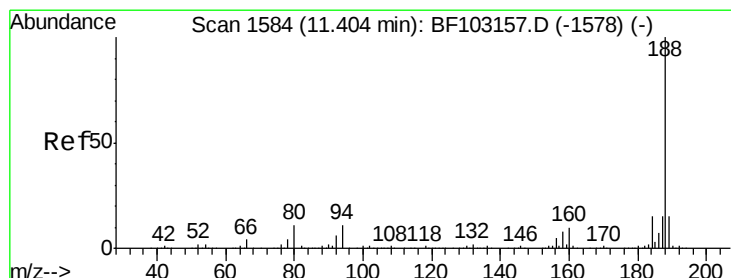
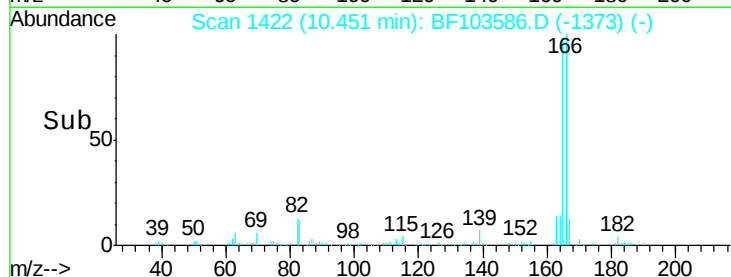
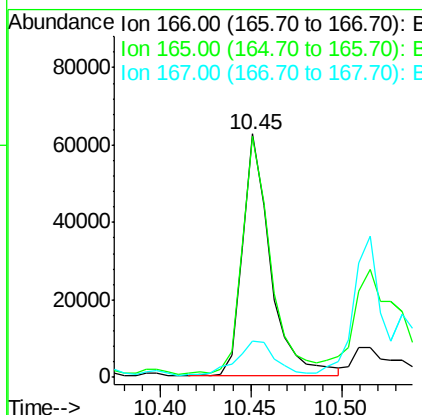
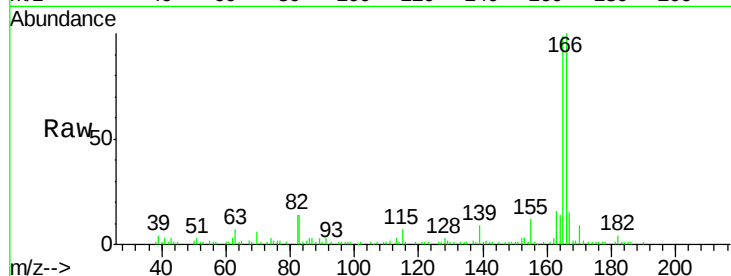




#57
 Fluorene
 Concen: 3.77 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF103586.D
 Acq: 12 Mar 2018 17:15

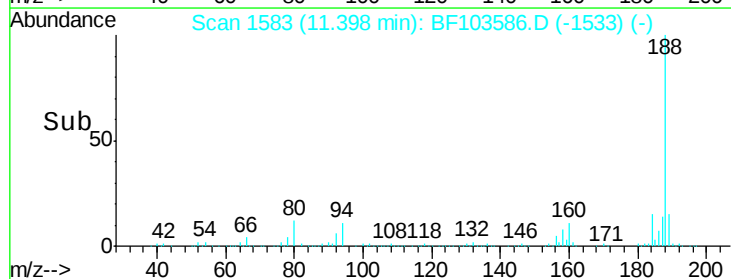
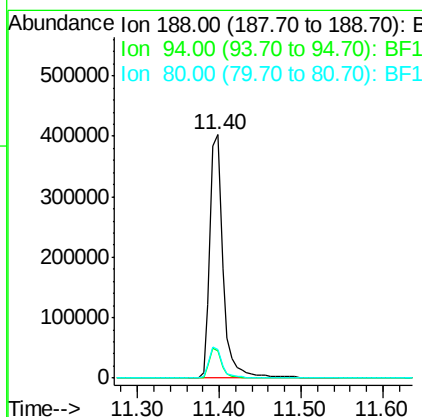
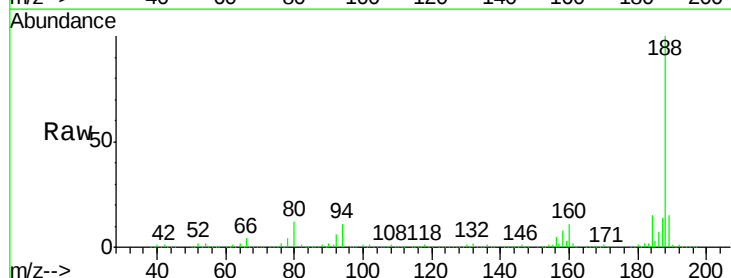
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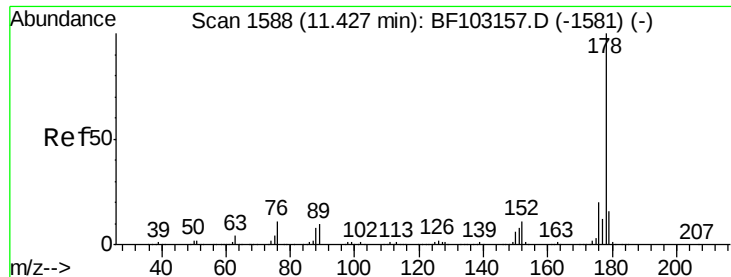
Tot Ion:166 Resp: 66703
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.8
 167 14.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103586.D
 Acq: 12 Mar 2018 17:15

Tgt Ion:188 Resp: 453351
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 9.2 13.8

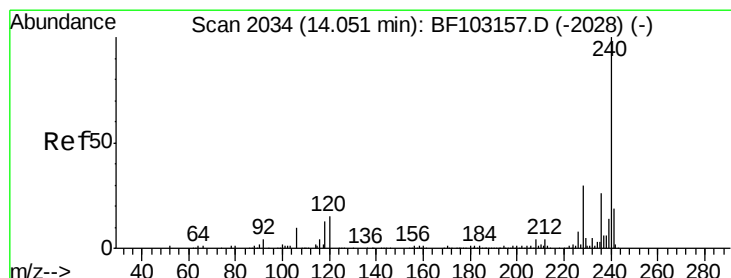
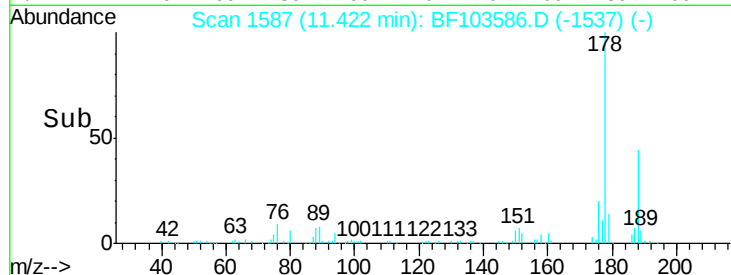
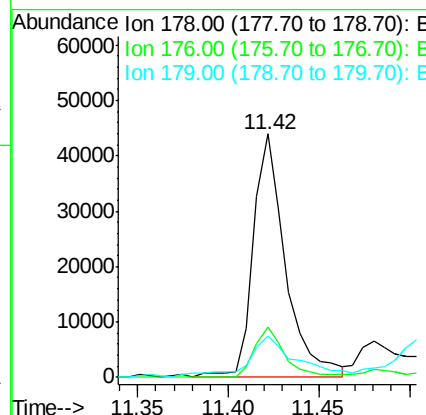
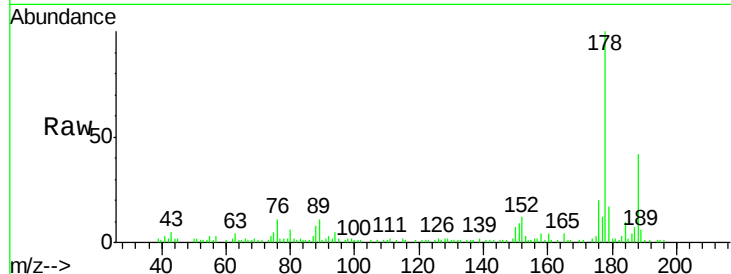




#70
Phenanthrene
Concen: 2.18 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103586.D
Acq: 12 Mar 2018 17:15

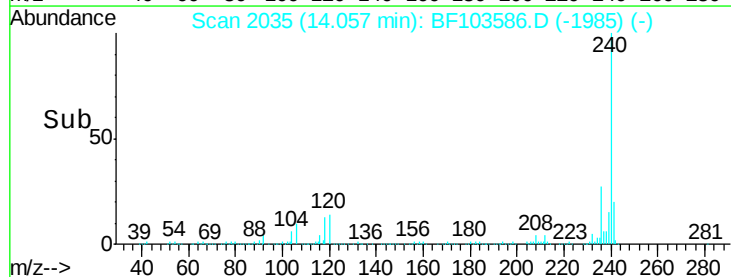
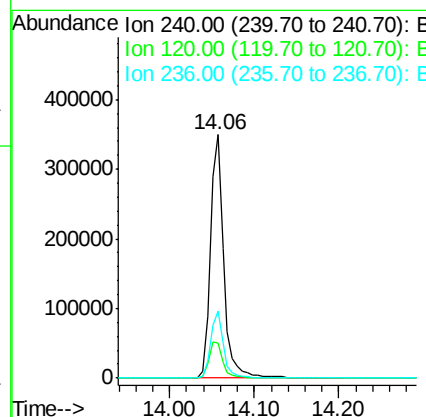
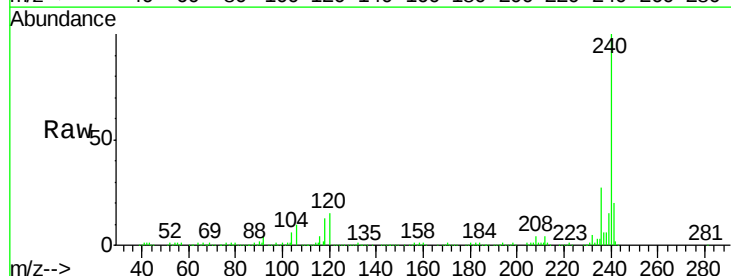
Instrument :
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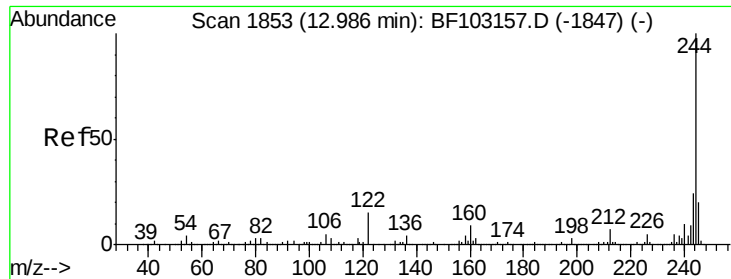
Tot Ion:178 Resp: 54421
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.8 13.0 19.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103586.D
Acq: 12 Mar 2018 17:15

Tgt Ion:240 Resp: 381950
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 27.3 20.7 31.1





#78

Terphenyl-d14

Concen: 74.54 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Instrument :

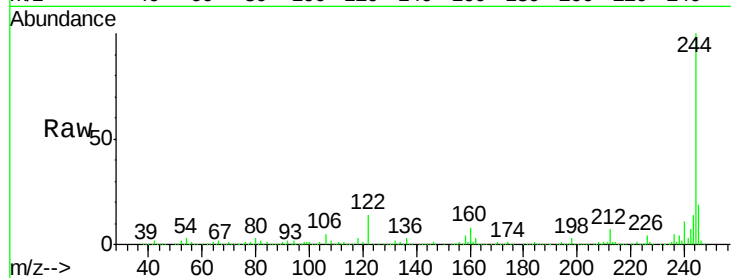
BNA_F

ClientSampleId :

C190137

Tot Ion:244 Resp: 1184367

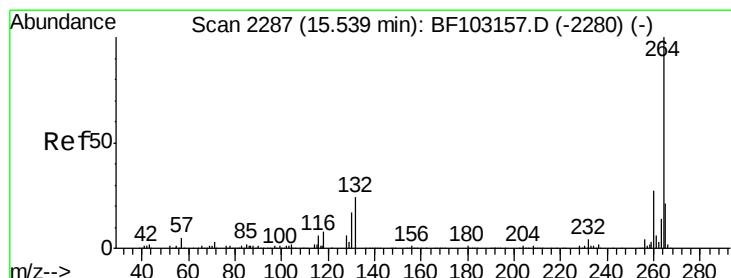
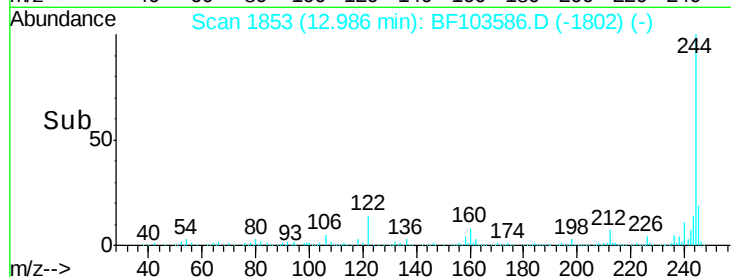
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.6	11.0	16.4



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: 20.00 ng

RT: 15.57 min Scan# 2292

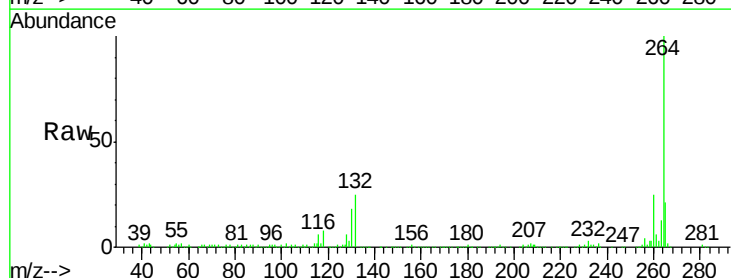
Delta R.T. 0.00 min

Lab File: BF103586.D

Acq: 12 Mar 2018 17:15

Tgt Ion:264 Resp: 356737

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	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

