

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106342.D
 Acq On : 12 Jun 2018 14:14
 Operator : JU/SJ
 Sample : J3429-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:07:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

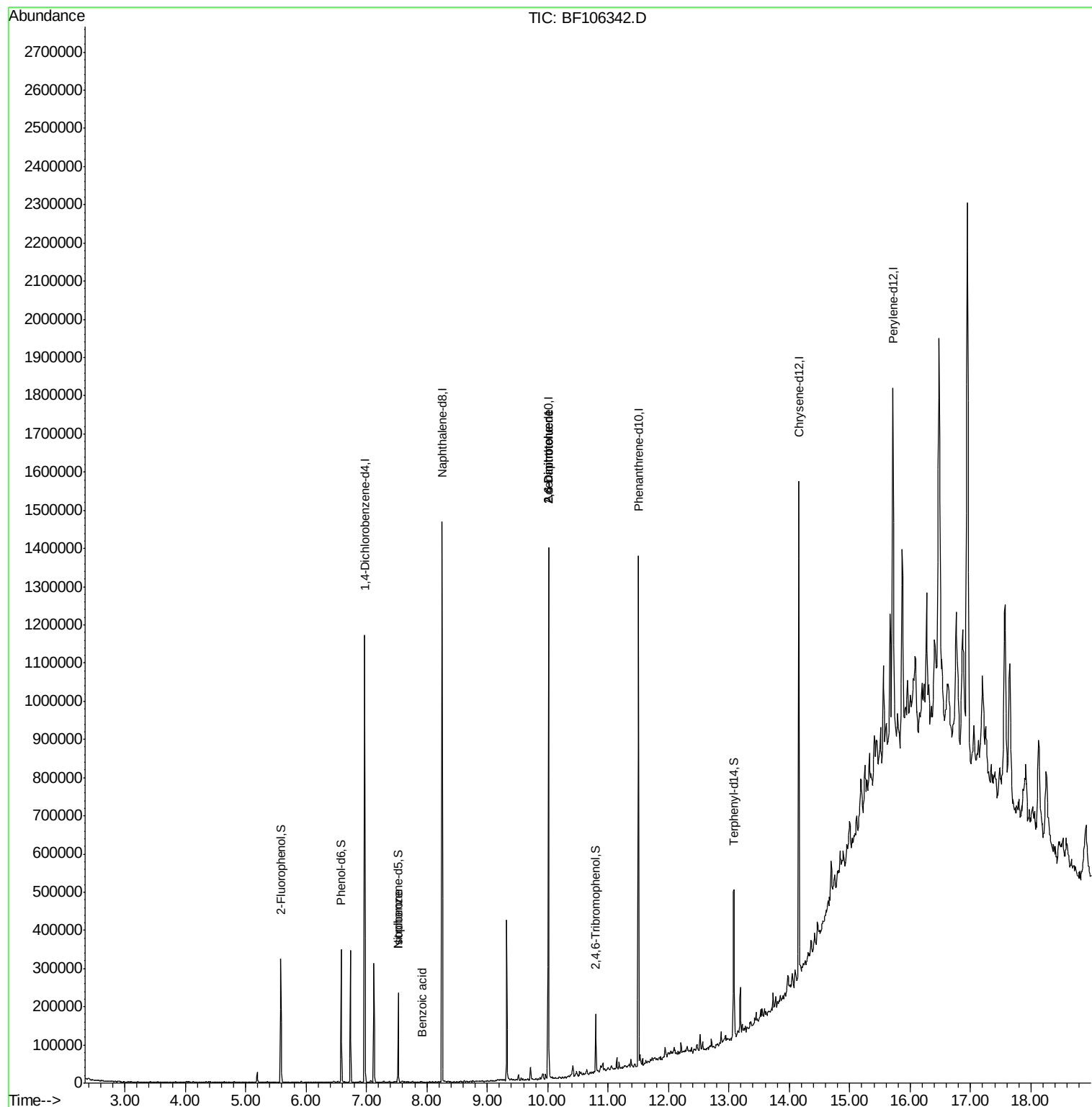
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159571	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	594869	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252533	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	427815	20.00	ng	0.00
75) Chrysene-d12	14.16	240	449212	20.00	ng	0.00
86) Perylene-d12	15.72	264	487184	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	74660	7.92	ng	0.00
7) Phenol-d6	6.58	99	99415	8.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	59475	5.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	13808	5.68	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	117295	-1.00	ng	0.00
78) Terphenyl-d14	13.08	244	135007	7.46	ng	0.00
Target Compounds						
25) Isophorone	7.52	82	59475	3.011	ng	# 64
32) Benzoic acid	7.92	122	109	7.304	ng	# 25
50) 2,6-Dinitrotoluene	10.01	165	32111	8.713	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	32111	6.938	ng	# 23

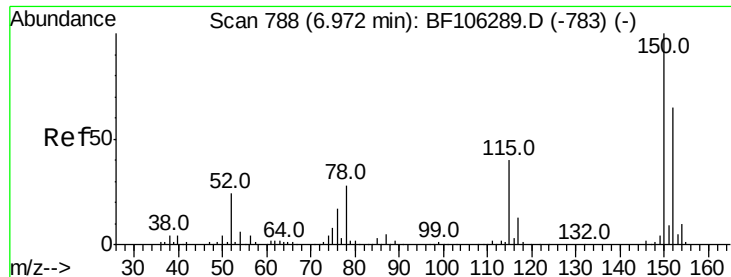
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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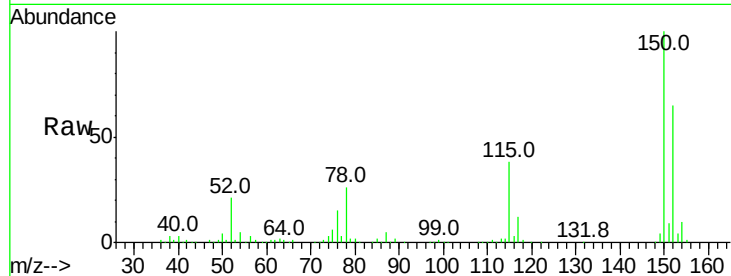


#1

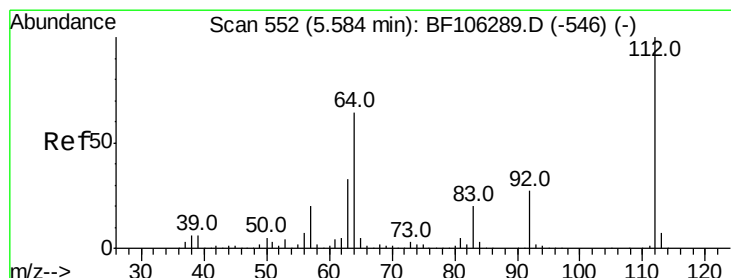
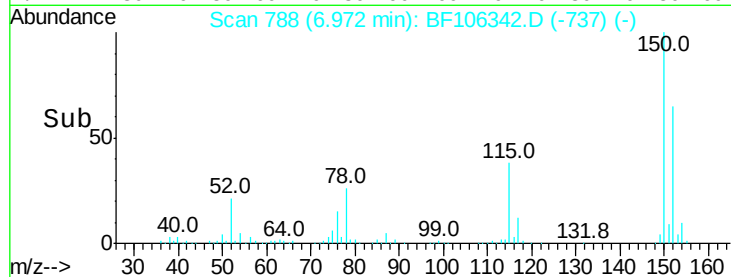
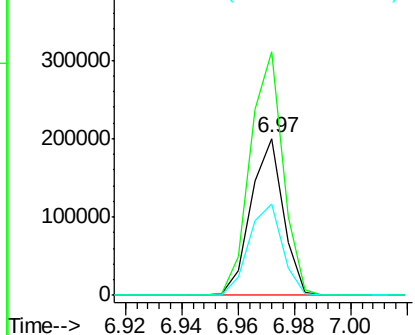
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.2	50.1	75.1



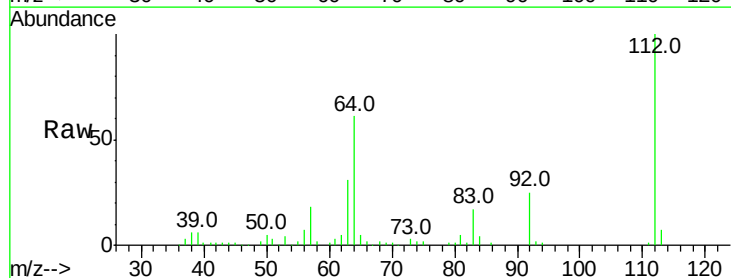
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



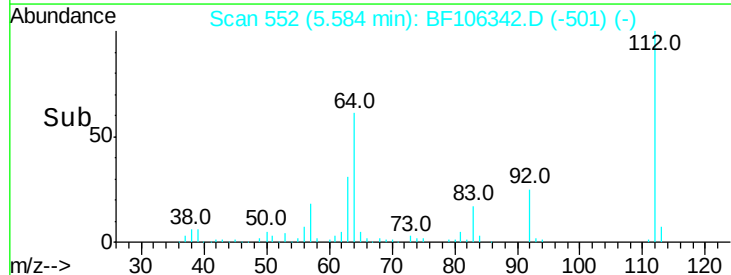
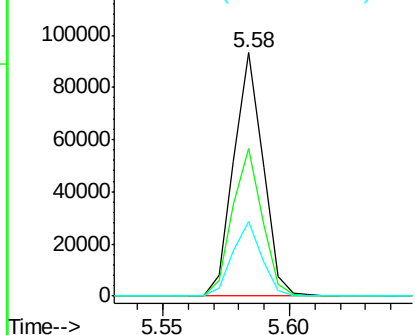
#5

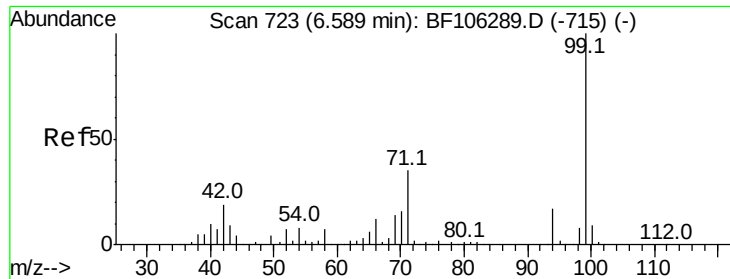
2-Fluorophenol
Concen: 7.919 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.7	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: 8.346 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Instrument :

BNA_F

ClientSampleId :

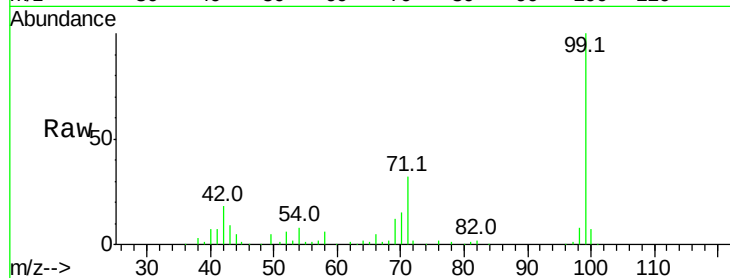
Tot Ion: 99 Resp: 99415

Ion Ratio Lower Upper

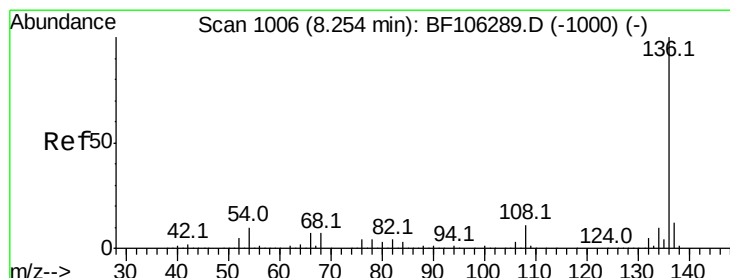
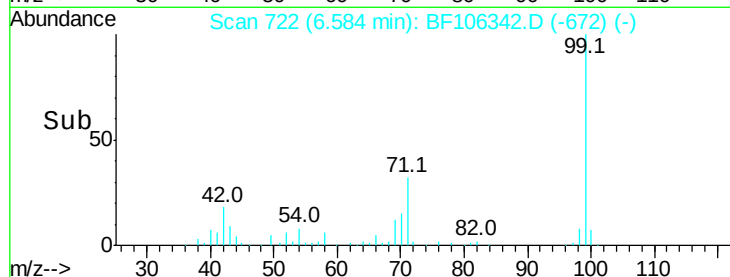
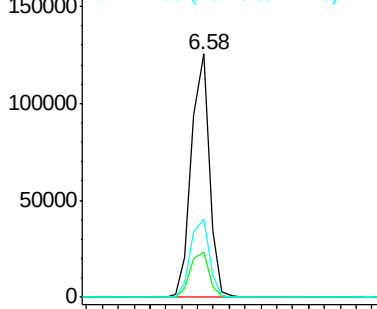
99 100

42 18.3 14.5 21.7

71 32.4 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: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Tgt Ion: 136 Resp: 594869

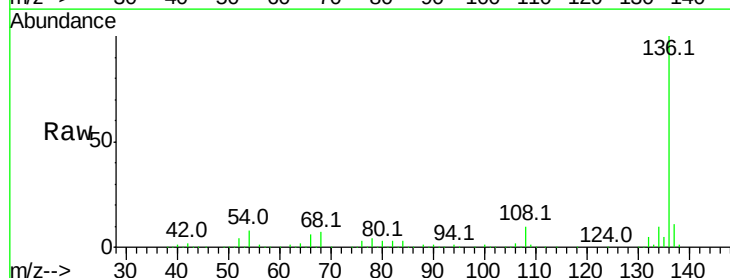
Ion Ratio Lower Upper

136 100

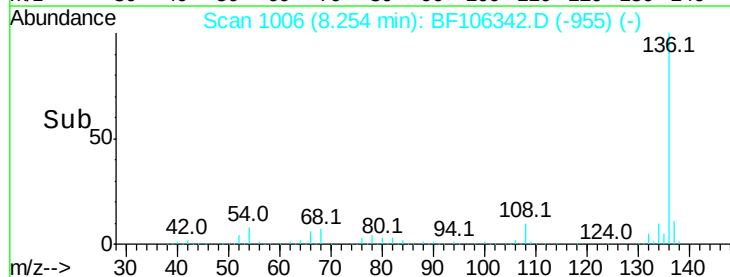
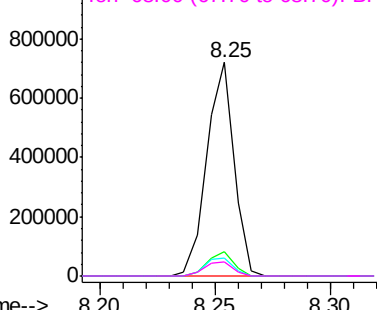
137 11.5 8.9 13.3

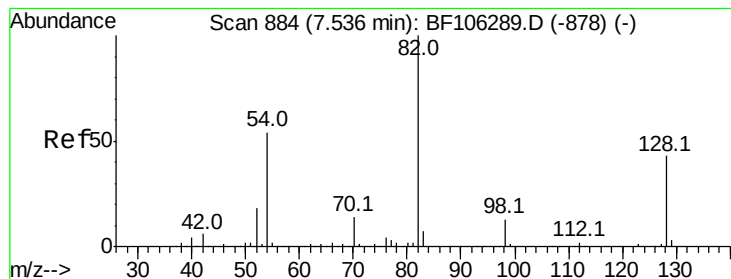
54 8.1 6.6 9.8

68 6.6 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: 5.882 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Instrument :

BNA_F

ClientSampled :

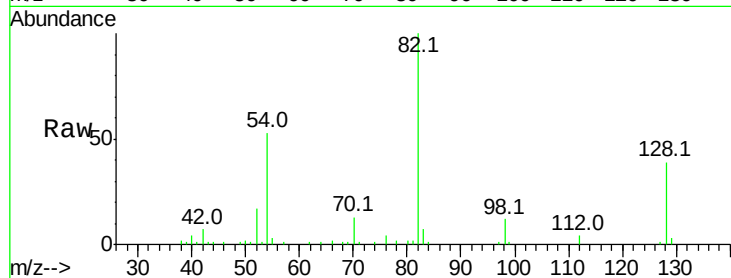
Tot Ion: 82 Resp: 59475

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

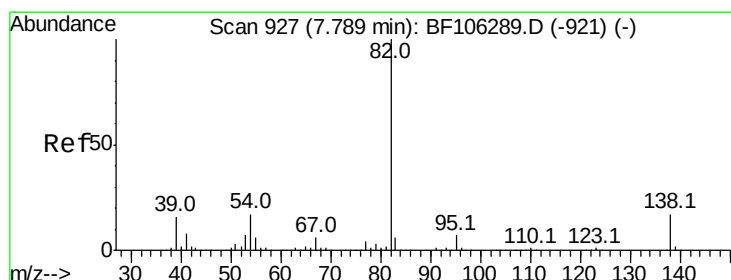
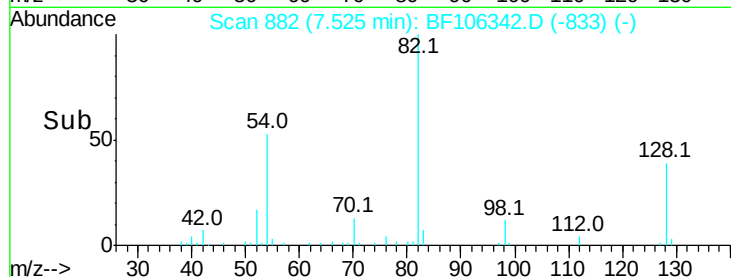
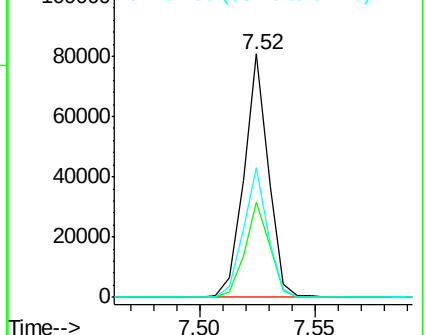
54 53.4 41.4 62.2



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



#25

Isophorone

Concen: 3.011 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

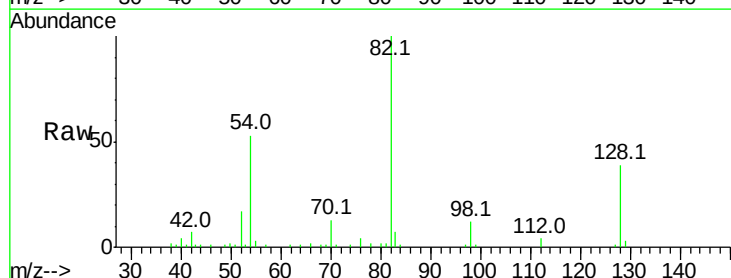
Tgt Ion: 82 Resp: 59475

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

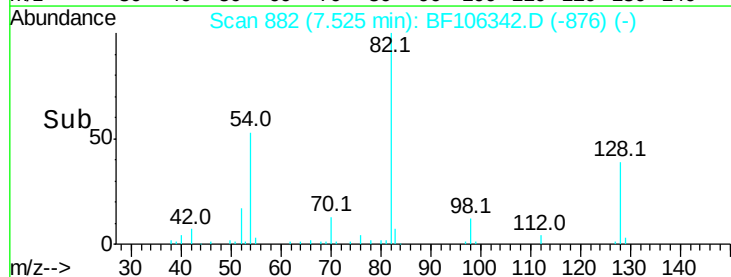
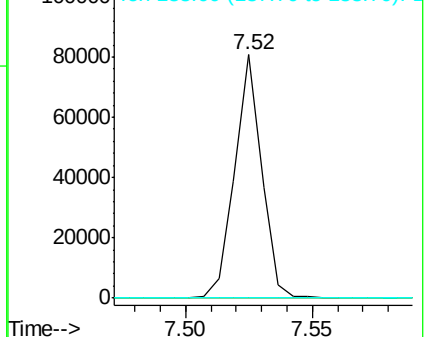
138 0.0 14.9 22.3#

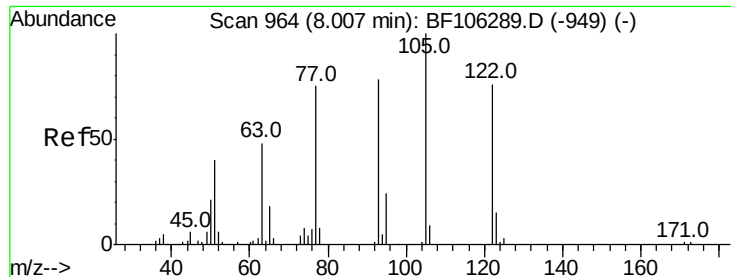


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

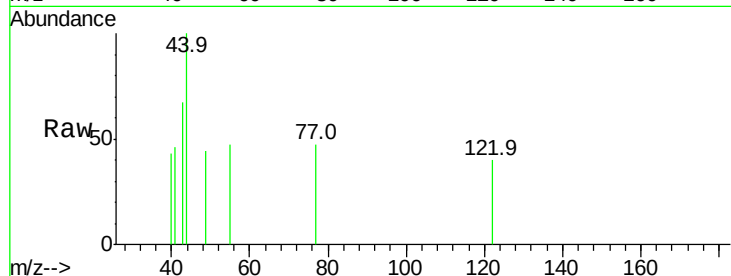




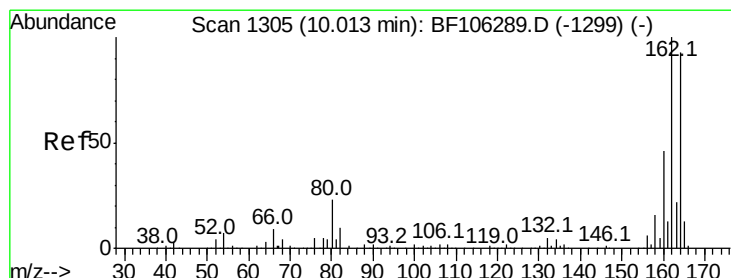
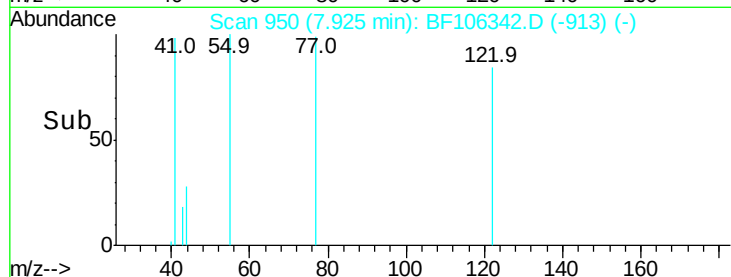
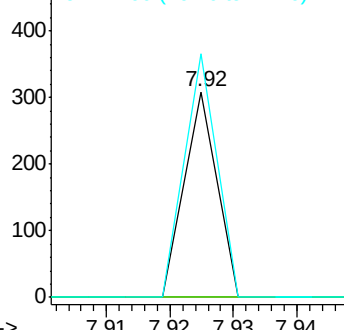
#32
Benzoic acid
Concen: 7.304 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.08 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 118.4 70.7 110.7#

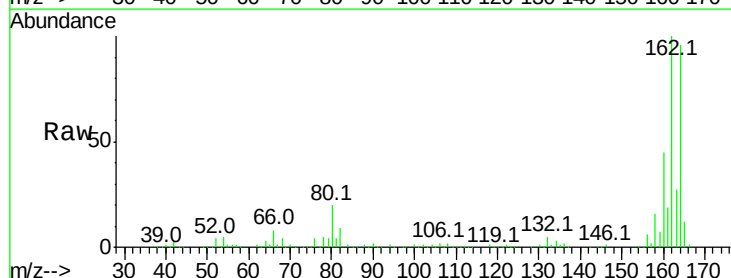


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

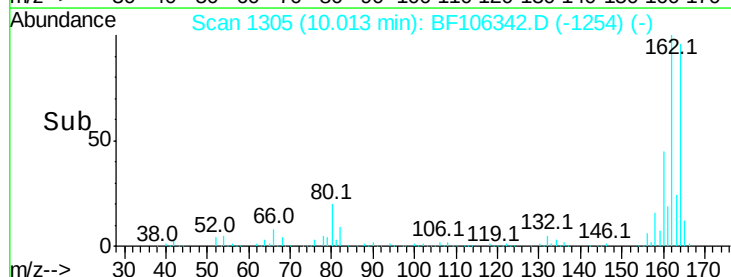
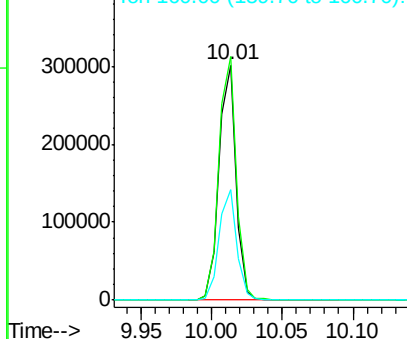


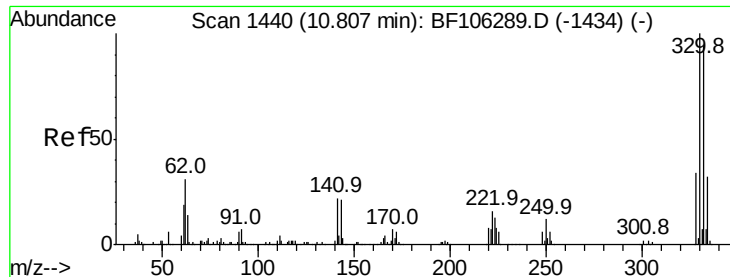
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Tgt Ion:164 Resp: 252533
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 47.2 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

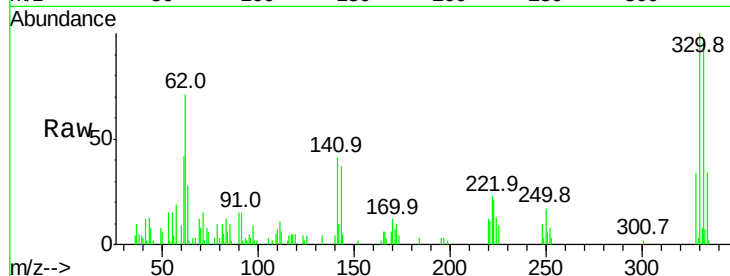




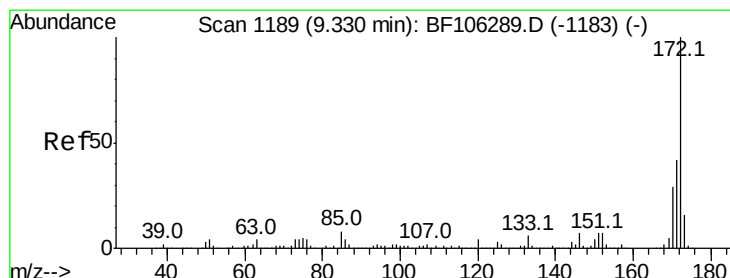
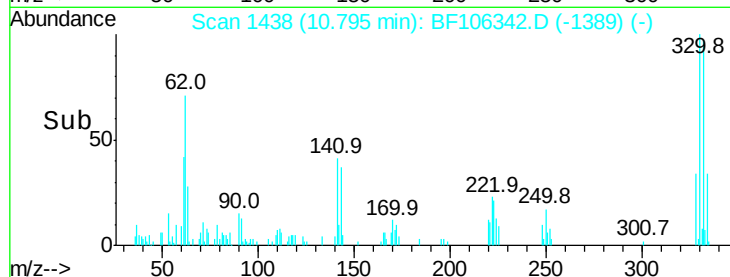
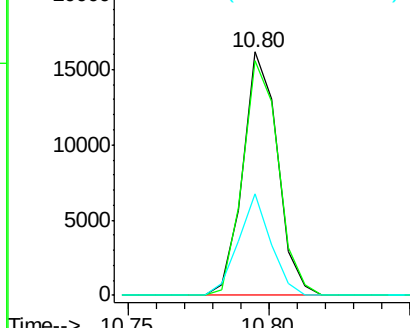
#41
 2,4,6-Tribromophenol
 Concen: 5.683 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	38.9	29.9	44.9

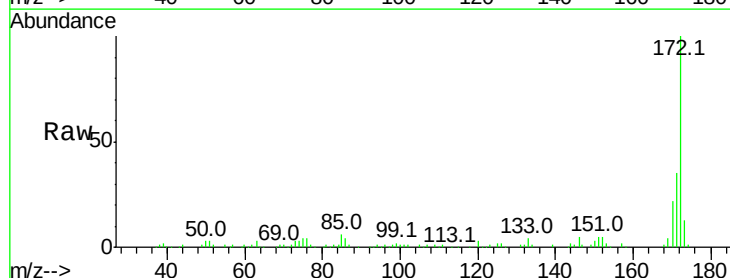


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

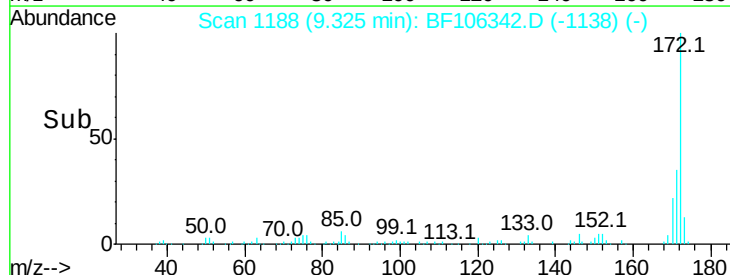
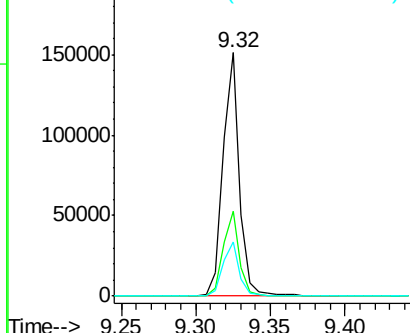


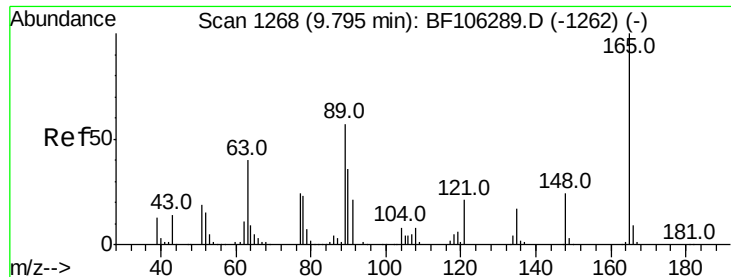
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	22.2	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

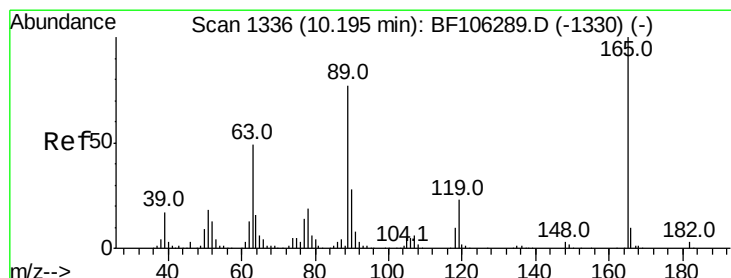
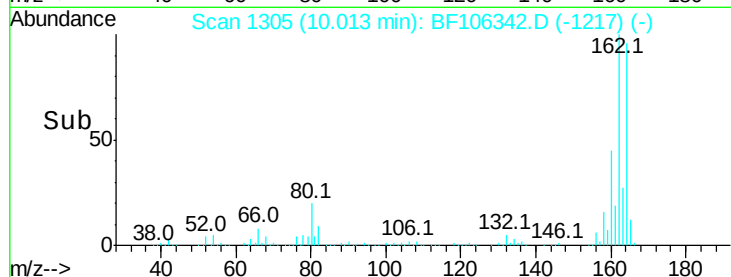
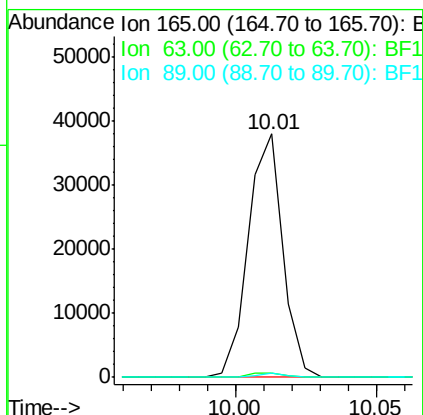
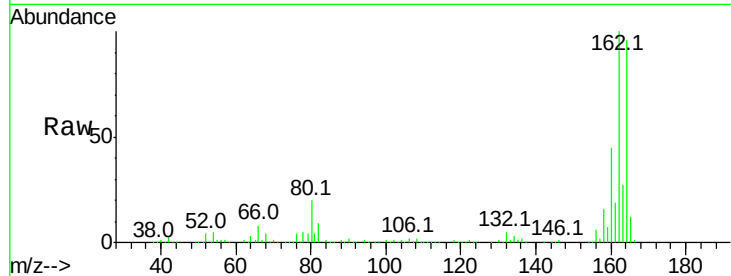




#50
 2,6-Dinitrotoluene
 Concen: 8.713 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.22 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

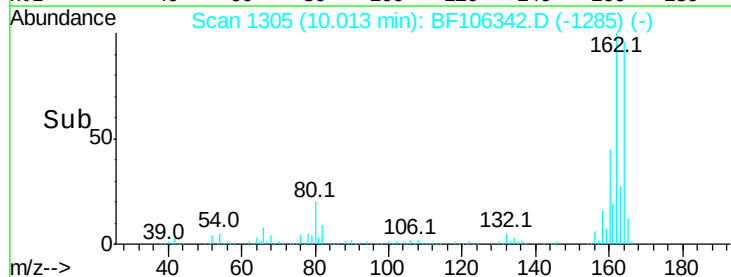
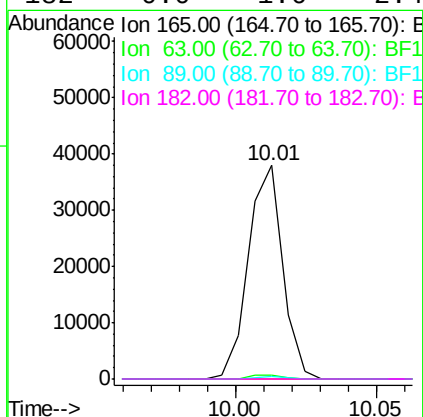
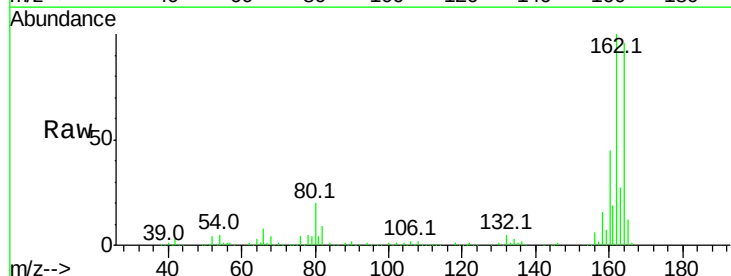
Instrument :
 BNA_F
 ClientSampleId :

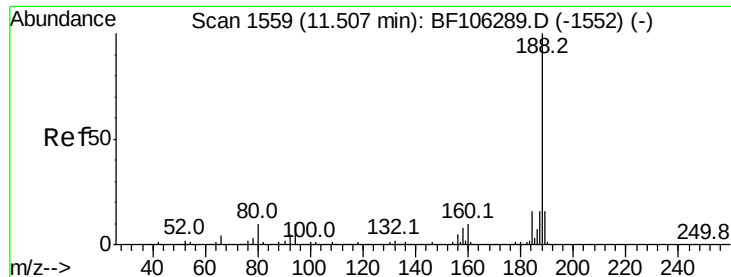
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.938 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106342.D
 Acq: 12 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

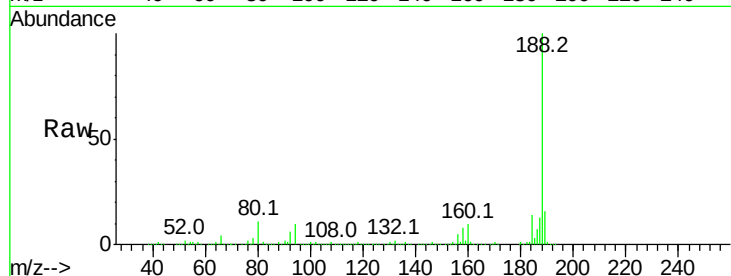




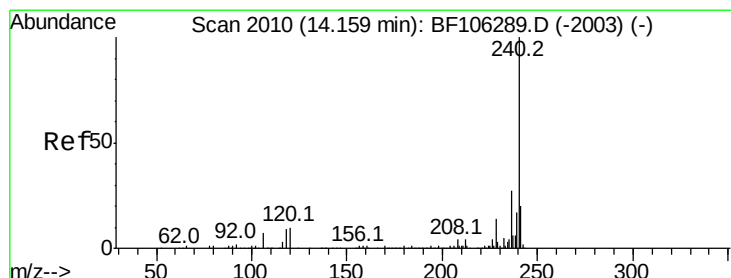
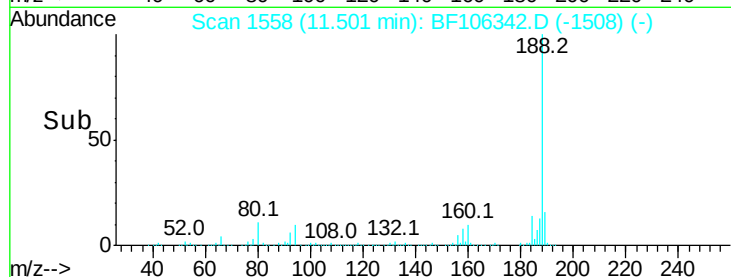
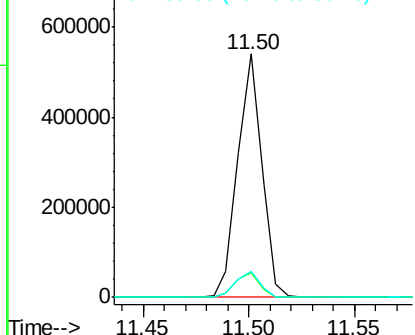
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 427815
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8

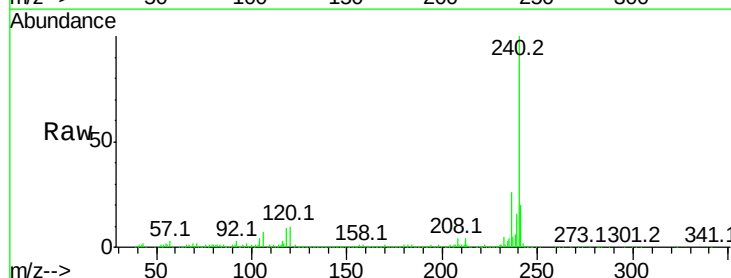


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

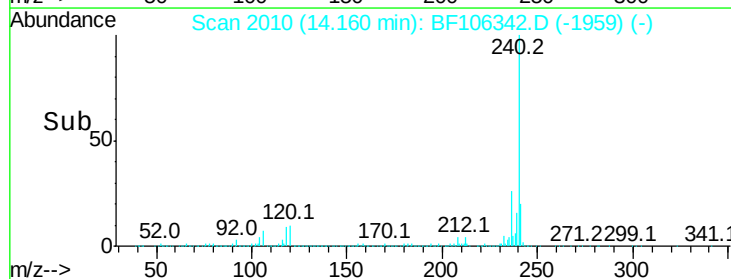
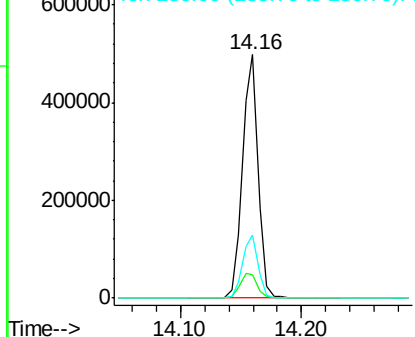


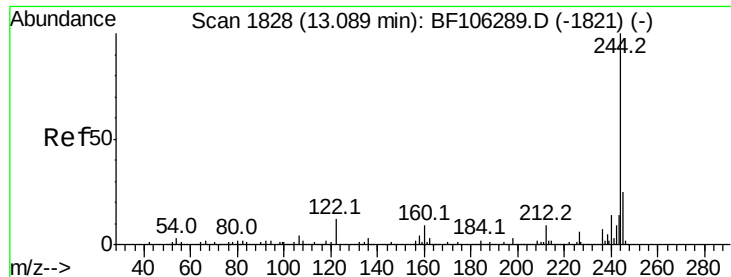
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF106342.D
Acq: 12 Jun 2018 14:14

Tgt Ion:240 Resp: 449212
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.1 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: 7.465 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

Instrument :

BNA_F

ClientSampleId :

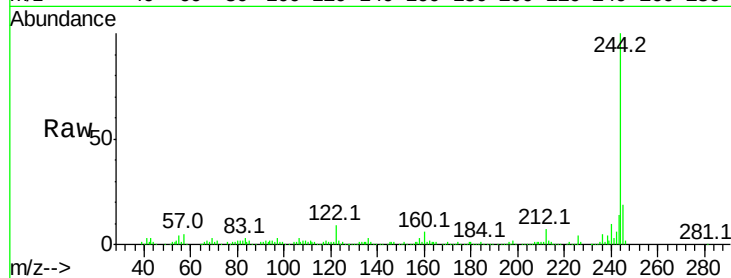
Tot Ion:244 Resp: 135007

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.7 11.0 16.4#

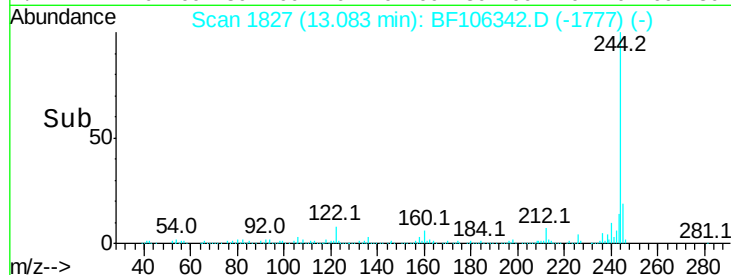


Abundance Ion 244.00 (243.70 to 244.70): E

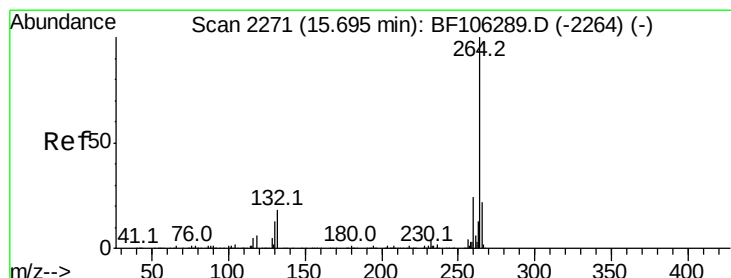
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.08



Time--> 13.00 13.10 13.20



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF106342.D

Acq: 12 Jun 2018 14:14

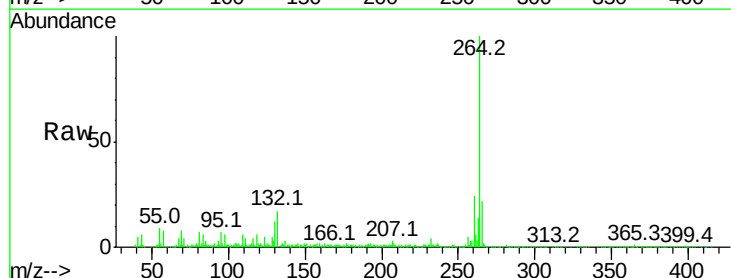
Tgt Ion:264 Resp: 487184

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.5 26.3

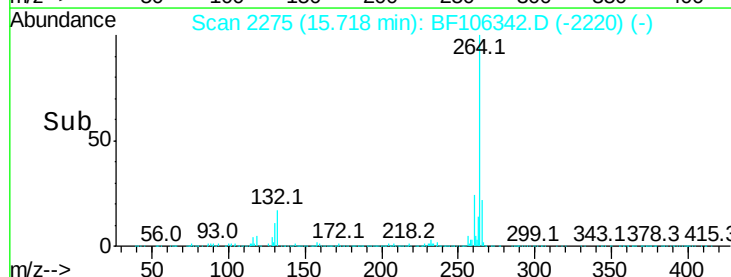


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.72



Time--> 15.60 15.70 15.80