

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106372.D
 Acq On : 13 Jun 2018 4:52
 Operator : JU/SJ
 Sample : J3164-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418

Quant Time: Jun 13 07:19:01 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

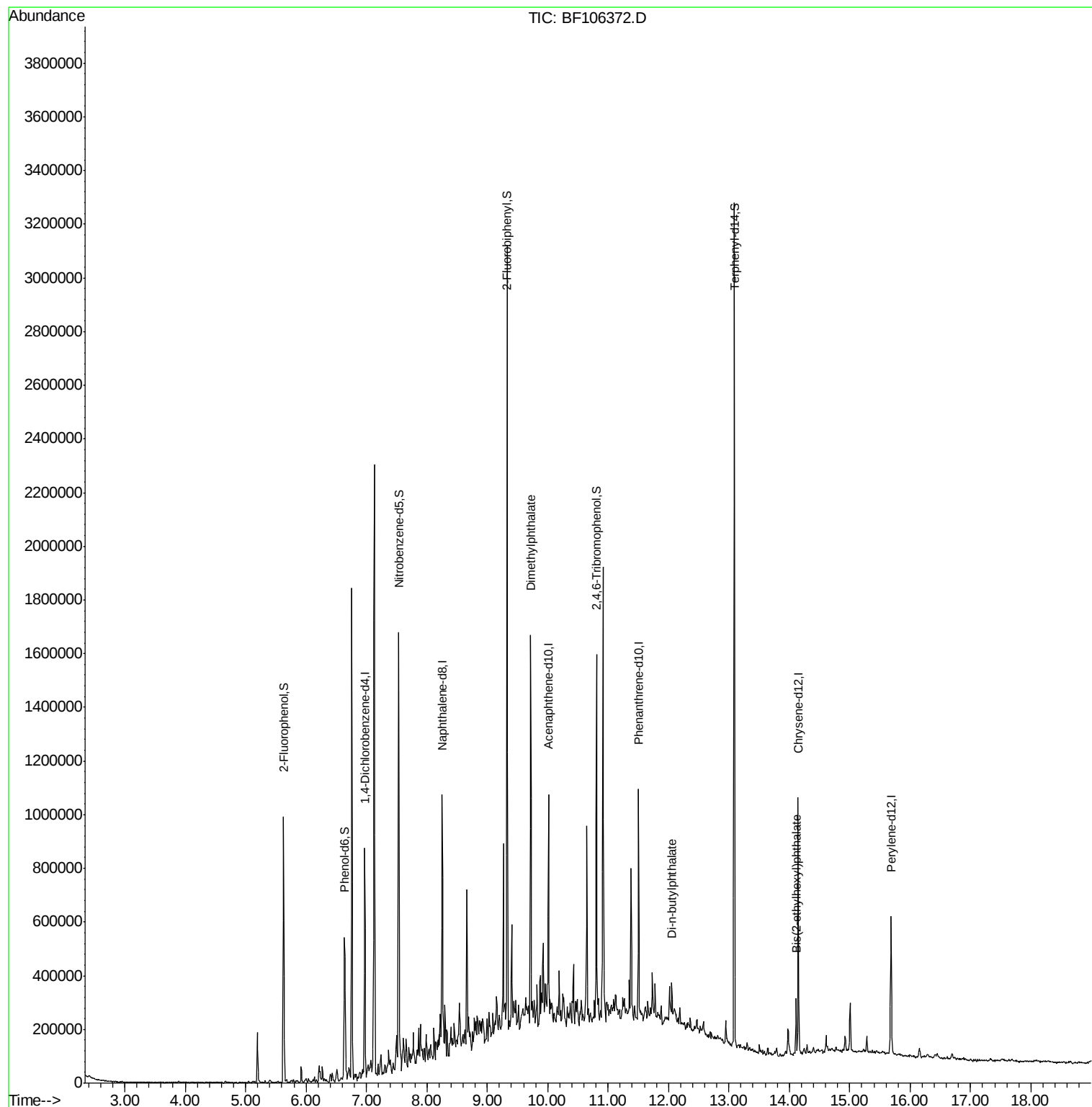
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109018	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	361376	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	151196	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	305190	20.00	ng	0.00
75) Chrysene-d12	14.15	240	316640	20.00	ng	-0.01
86) Perylene-d12	15.68	264	220440	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	314171	48.77	ng	0.04
7) Phenol-d6	6.64	99	233772	28.73	ng	0.05
23) Nitrobenzene-d5	7.54	82	518229	84.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172959	118.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	850220	108.79	ng	0.00
78) Terphenyl-d14	13.09	244	1078646	84.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	133019	12.314	ng	Qvalue # 97
73) Di-n-butylphthalate	12.05	149	57532	3.739	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	52500	4.934	ng	# 98

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

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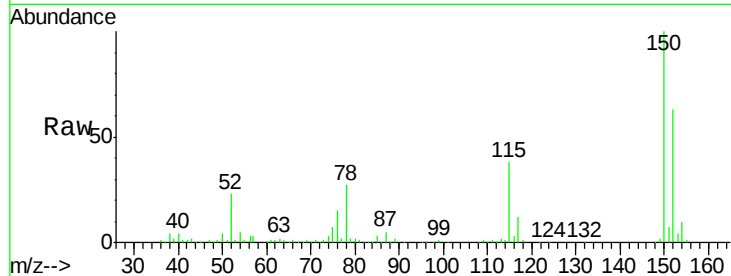


#1

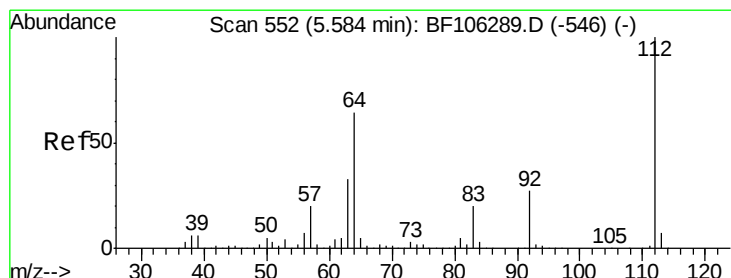
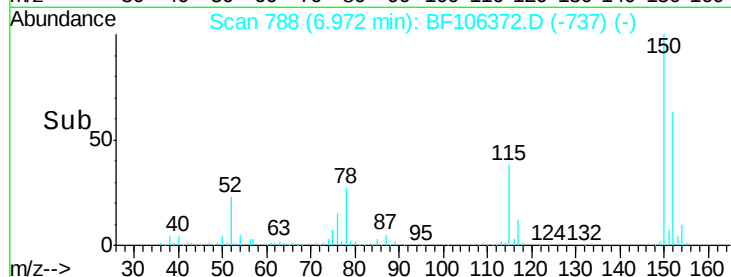
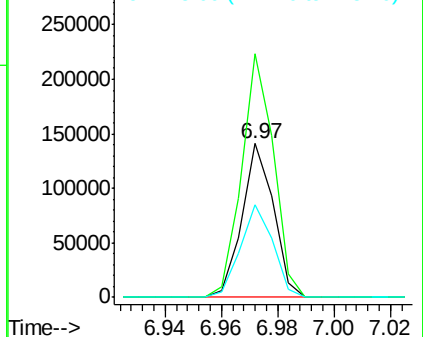
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418

Tot Ion:152 Resp: 109018
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.7 50.1 75.1



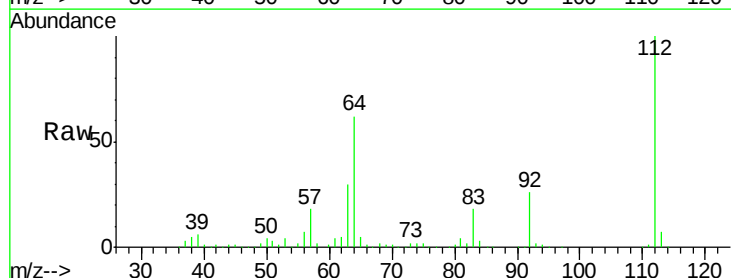
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



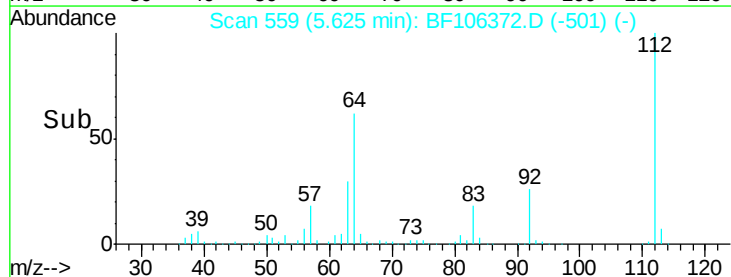
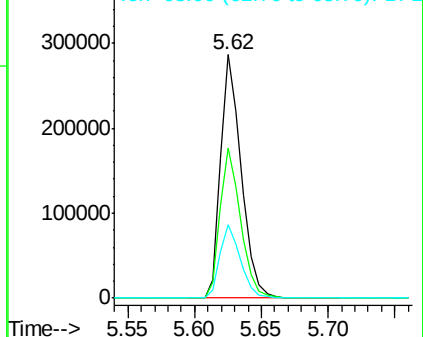
#5

2-Fluorophenol
Concen: 48.775 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Tgt Ion:112 Resp: 314171
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 29.9 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: 28.726 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

ClientSampleId :

T11-DP-27-5.5-6.0-052418

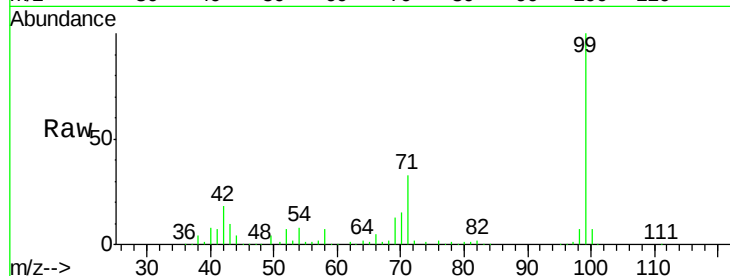
Tot Ion: 99 Resp: 233772

Ion Ratio Lower Upper

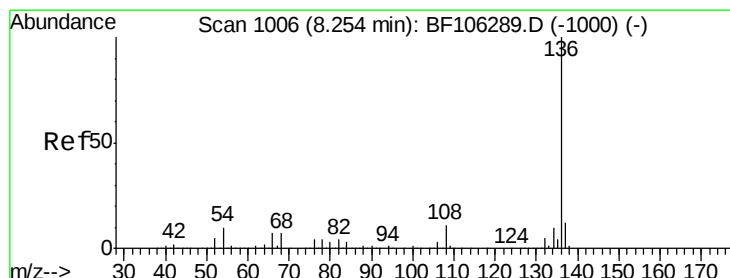
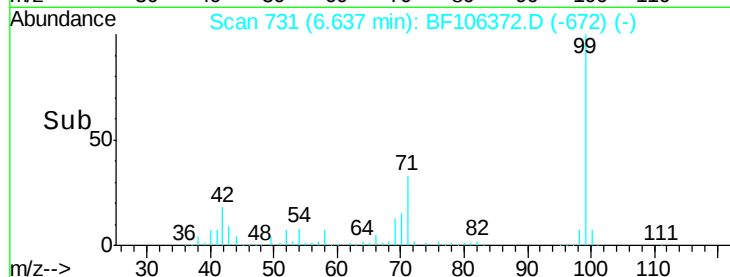
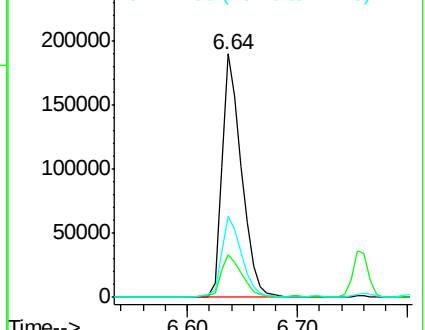
99 100

42 17.8 14.5 21.7

71 33.3 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: BF106372.D

Acq: 13 Jun 2018 4:52

Tgt Ion: 136 Resp: 361376

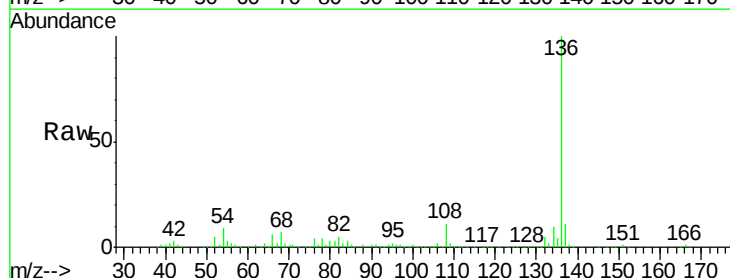
Ion Ratio Lower Upper

136 100

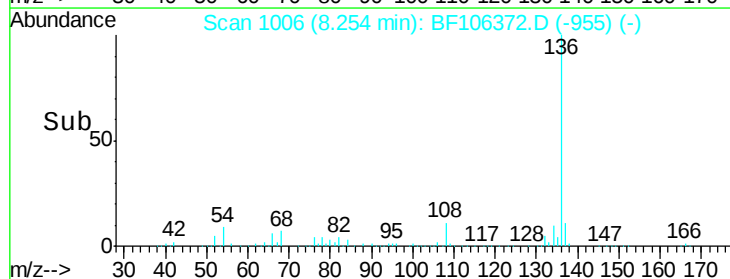
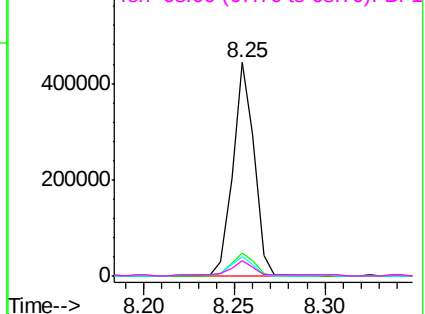
137 11.0 8.9 13.3

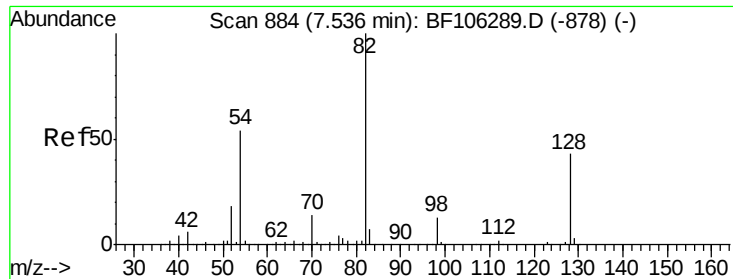
54 9.3 6.6 9.8

68 7.4 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

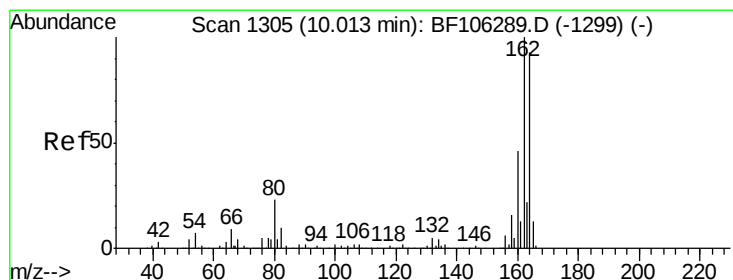
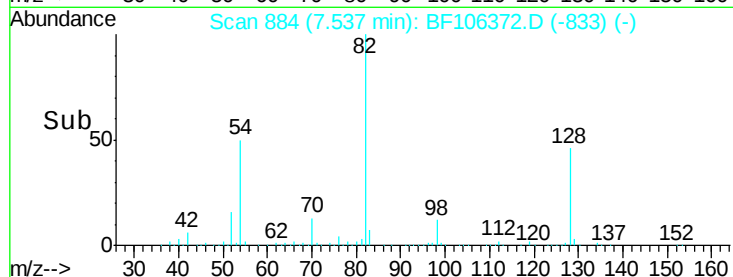
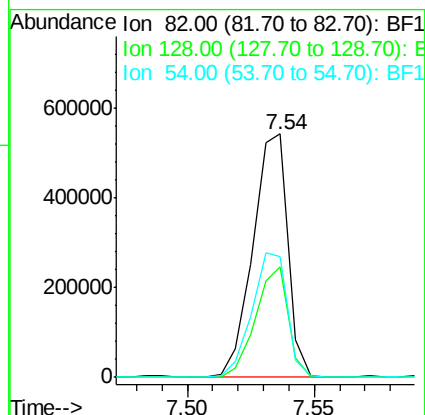
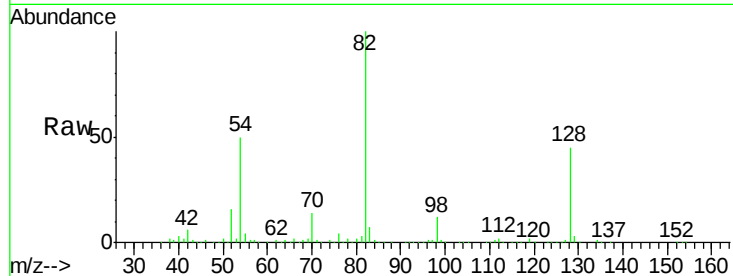




#23
 Nitrobenzene-d5
 Concen: 84.363 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

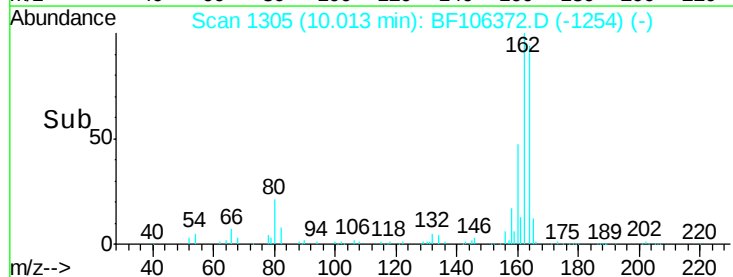
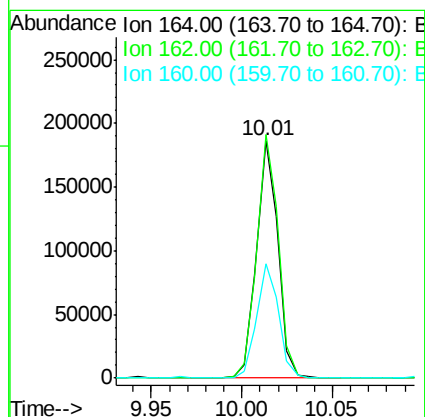
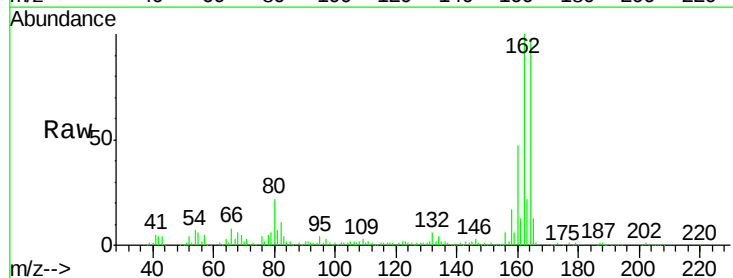
Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418

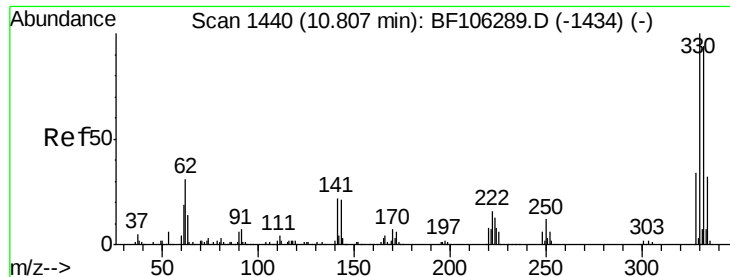
Tot Ion	82	Resp	518229
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	49.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Tgt Ion	164	Resp	151196
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	48.3	38.3	57.5

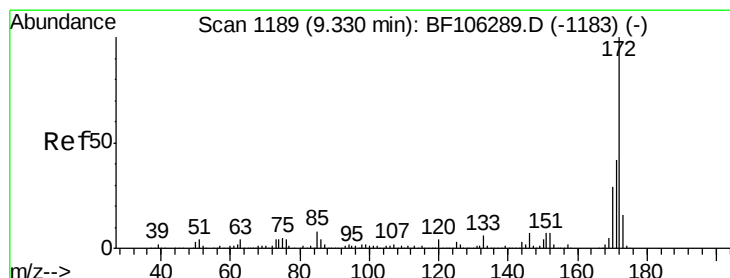
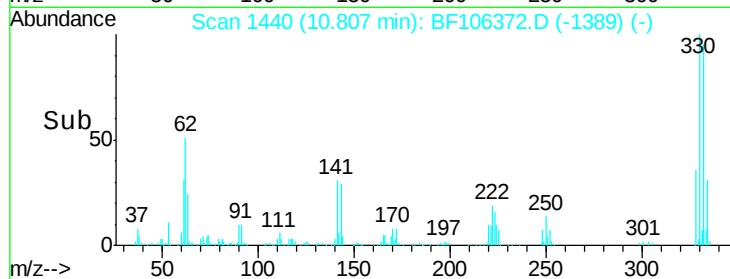
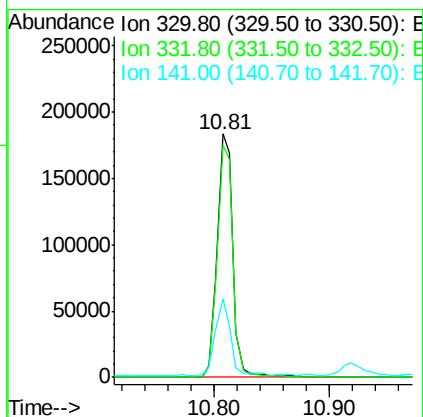
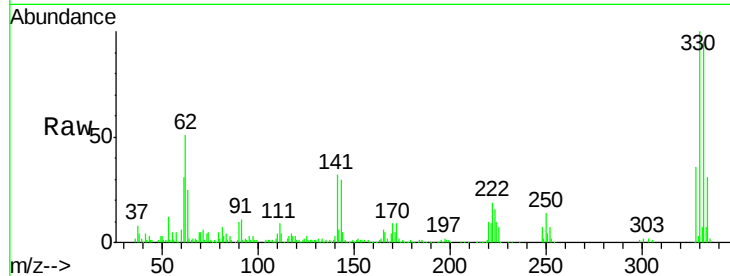




#41
 2,4,6-Tribromophenol
 Concen: 118.891 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

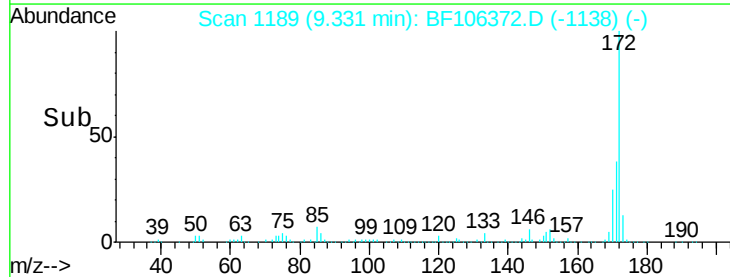
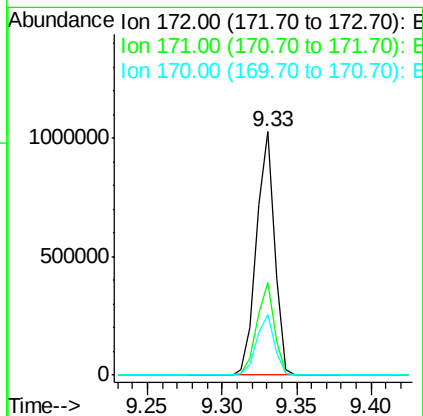
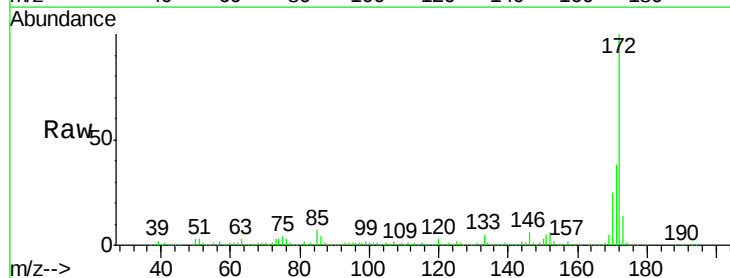
Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418

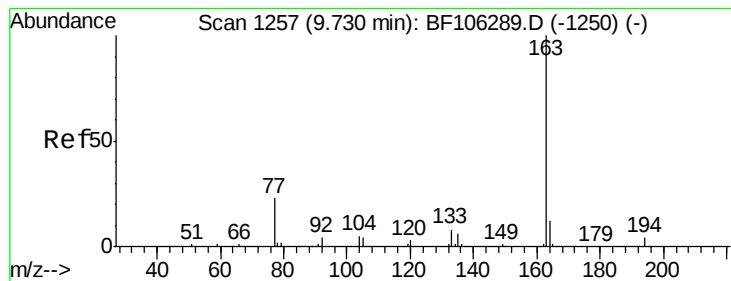
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 108.785 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.0	19.6	29.4





#49

Dimethylphthalate

Concen: 12.314 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

ClientSampleId :

T11-DP-27-5.5-6.0-052418

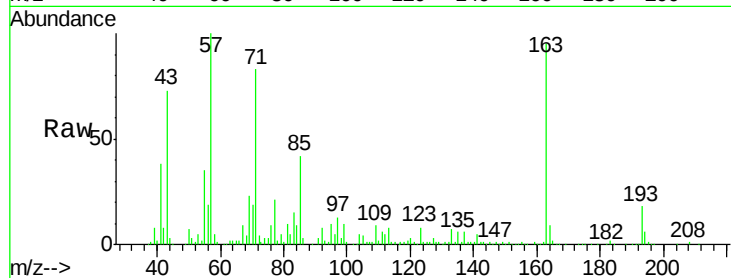
Tot Ion:163 Resp: 133019

Ion Ratio Lower Upper

163 100

194 6.3 2.7 4.1#

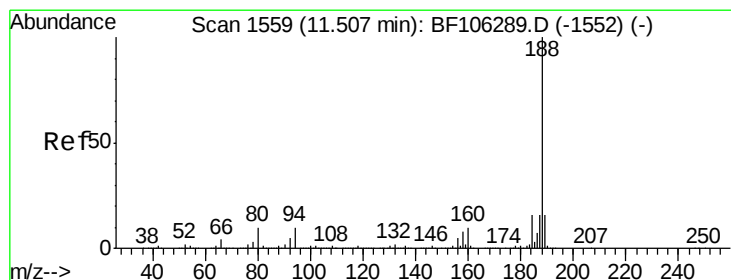
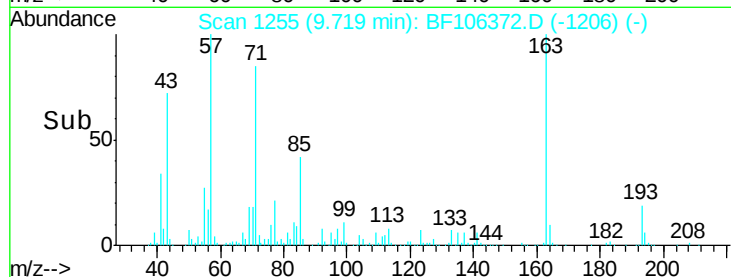
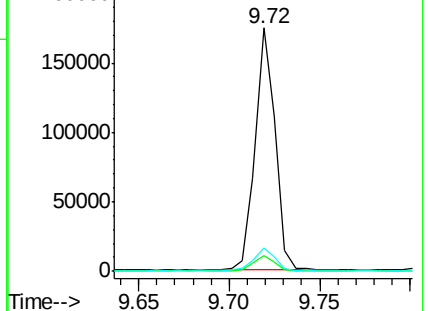
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

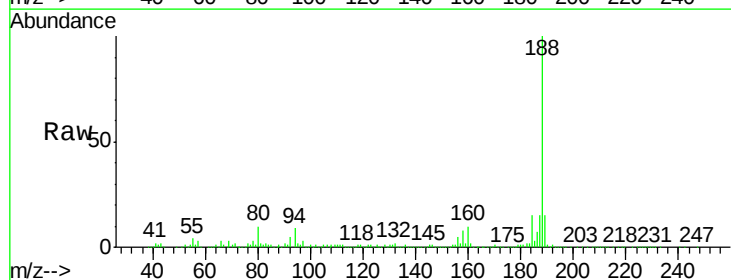
Tgt Ion:188 Resp: 305190

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

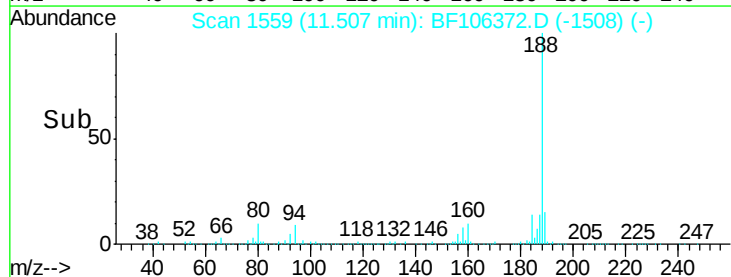
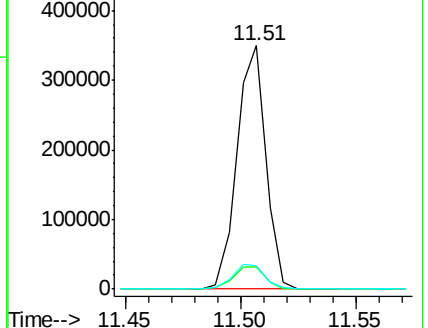
80 9.8 9.2 13.8

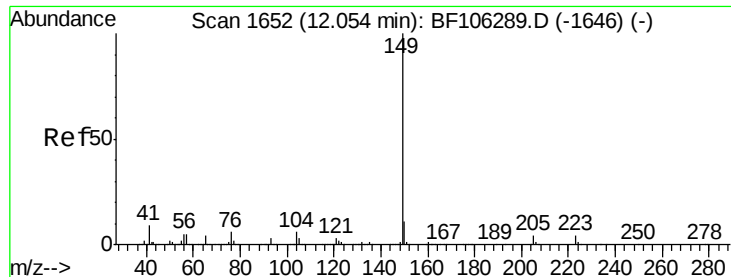


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 3.739 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

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ClientSampleId :

T11-DP-27-5.5-6.0-052418

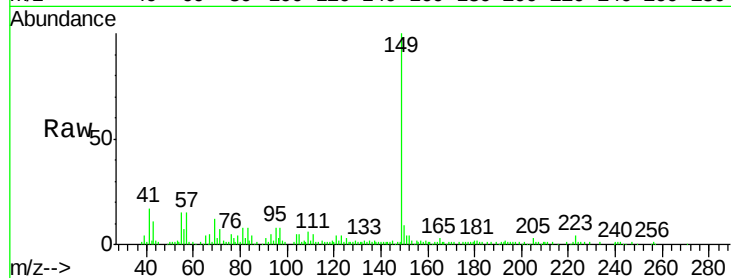
Tot Ion:149 Resp: 57532

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

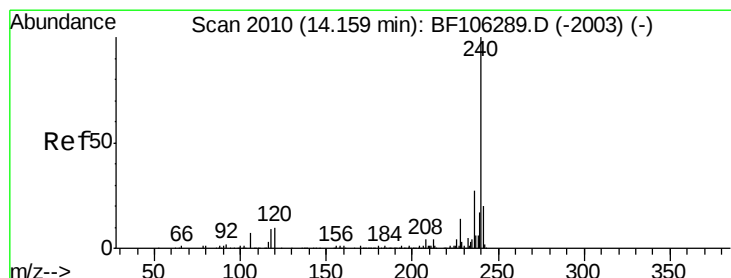
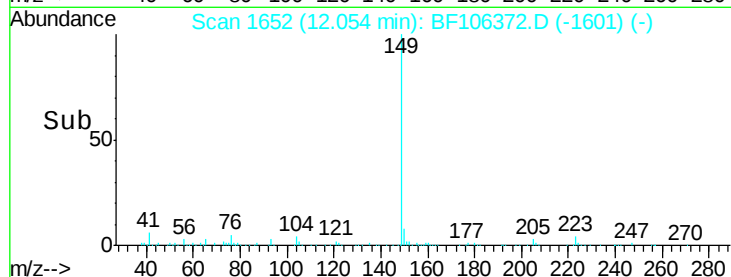
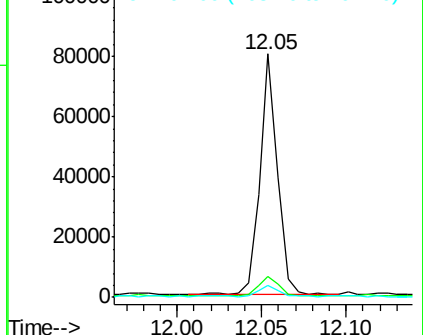
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

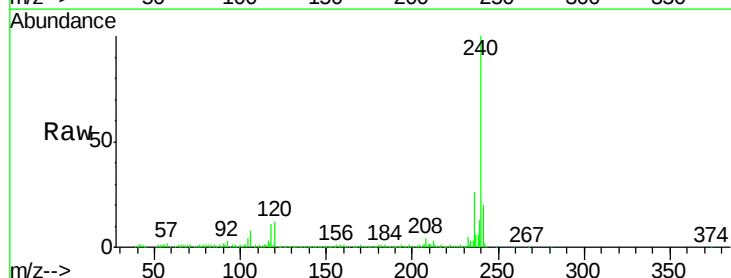
Tgt Ion:240 Resp: 316640

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

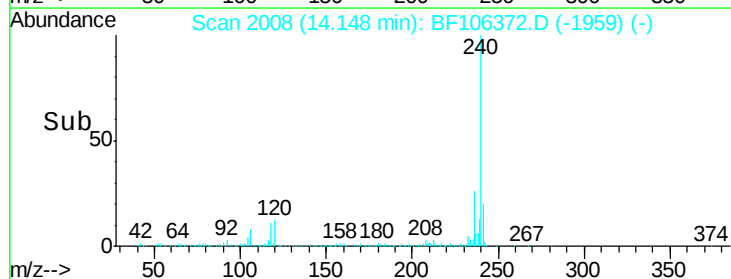
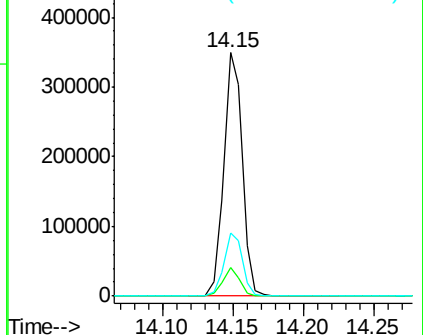
236 25.8 20.7 31.1

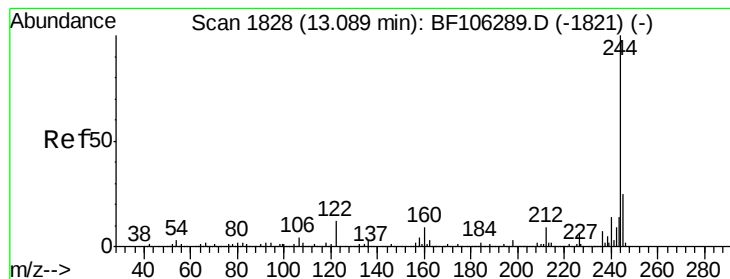


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.611 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

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T11-DP-27-5.5-6.0-052418

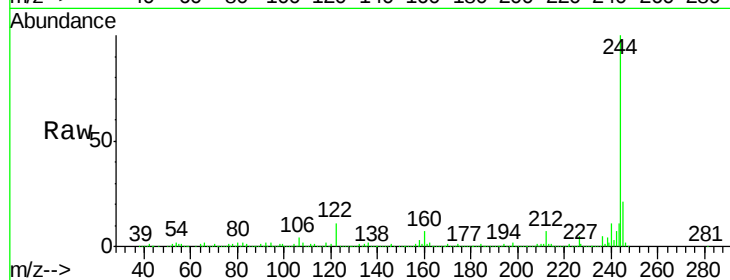
Tot Ion:244 Resp: 1078646

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

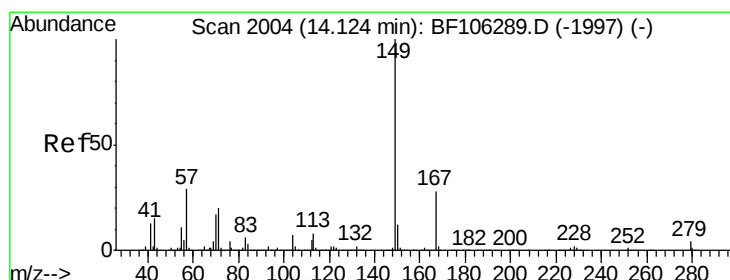
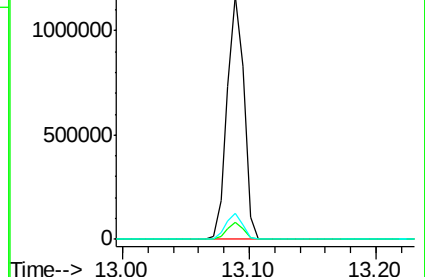
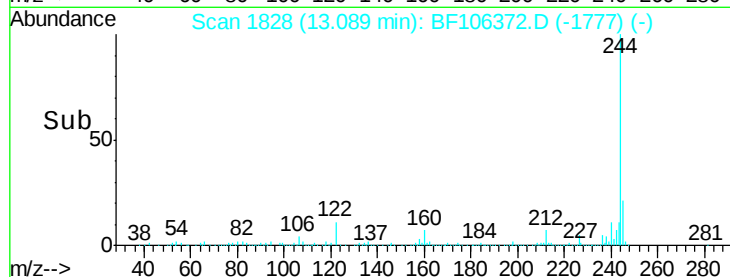
122 10.7 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.934 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

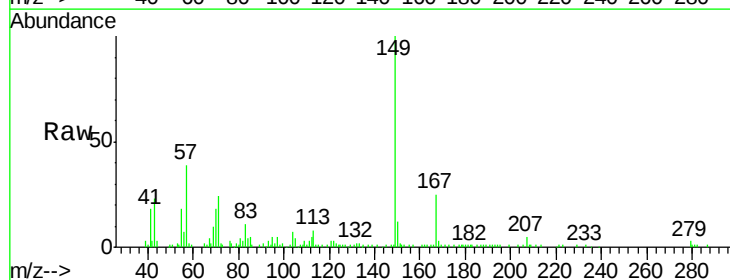
Tgt Ion:149 Resp: 52500

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

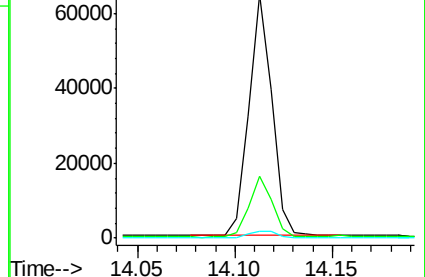
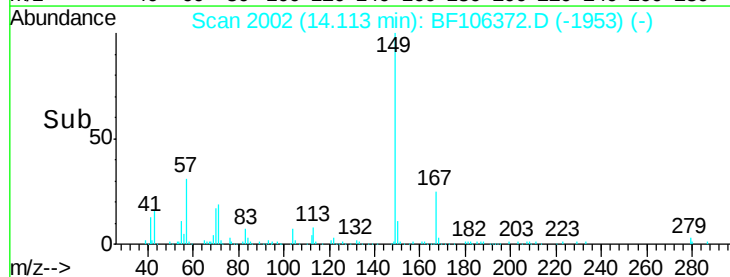
279 2.9 3.0 4.4#

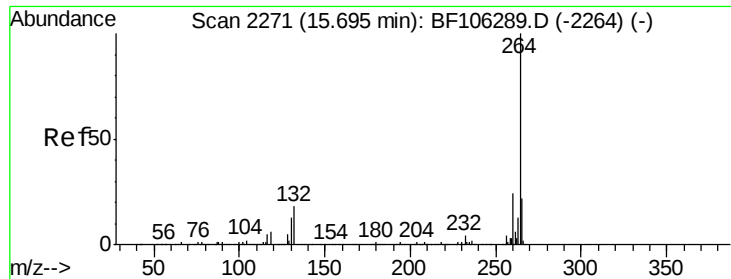


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418

Tot Ion:	264	Resp:	220440
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

