

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106549.D
 Acq On : 18 Jun 2018 20:04
 Operator : JU/SJ
 Sample : J3244-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Quant Time: Jun 19 01:08:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

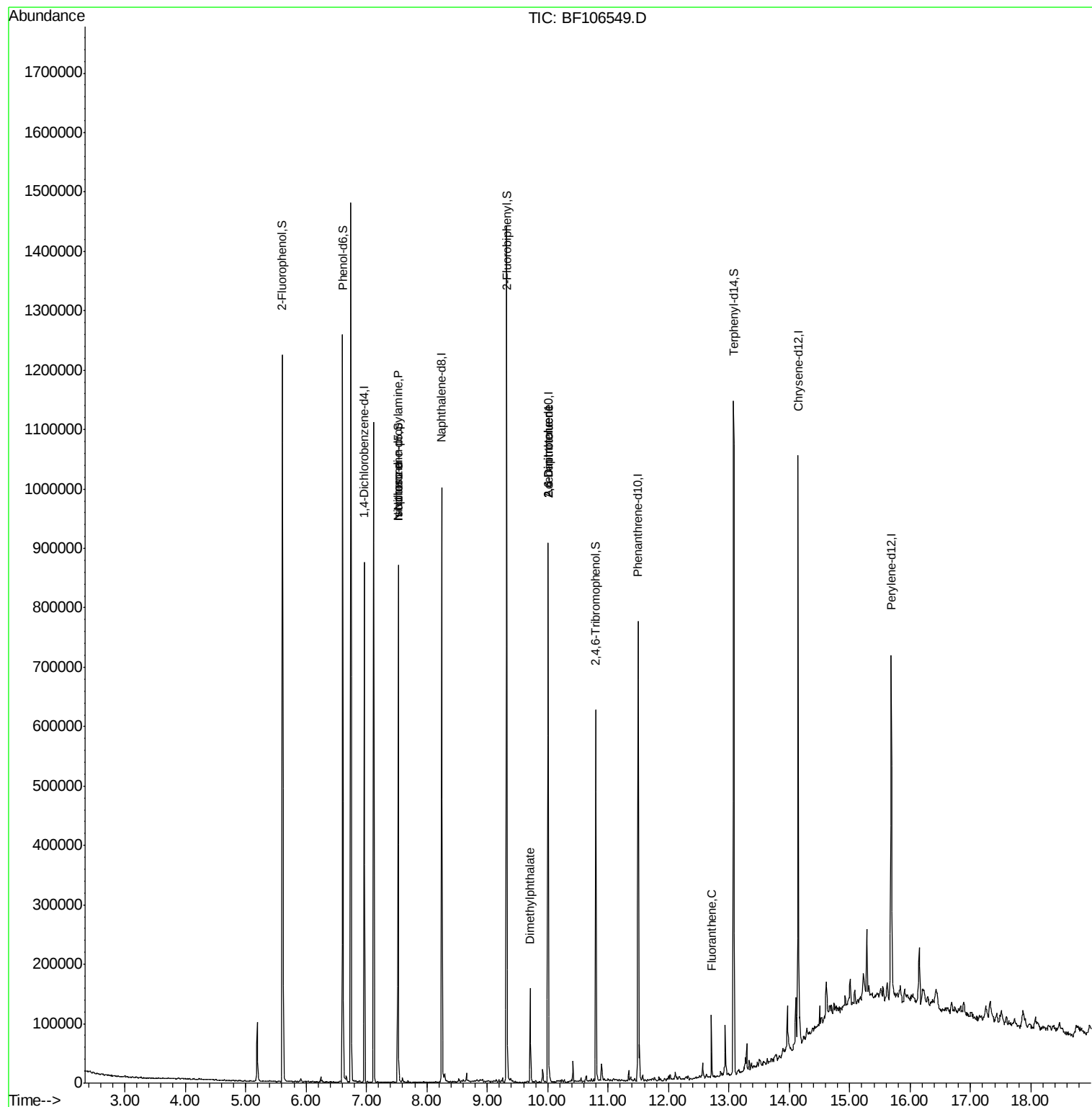
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112695	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	408493	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	169867	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	282311	20.00	ng	0.00
75) Chrysene-d12	14.15	240	317151	20.00	ng	0.00
86) Perylene-d12	15.69	264	273109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	343428	51.58	ng	0.00
7) Phenol-d6	6.61	99	409485	48.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	255445	36.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	73301	44.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	436415	36.09	ng	0.00
78) Terphenyl-d14	13.08	244	398375	31.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	33212	5.262	ng	# 77
25) Isophorone	7.52	82	255441	18.834	ng	# 64
49) Dimethylphthalate	9.71	163	62005	5.109	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	21536	8.687	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	21536	6.918	ng	# 22
74) Fluoranthene	12.71	202	37105	2.517	ng	# 97

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

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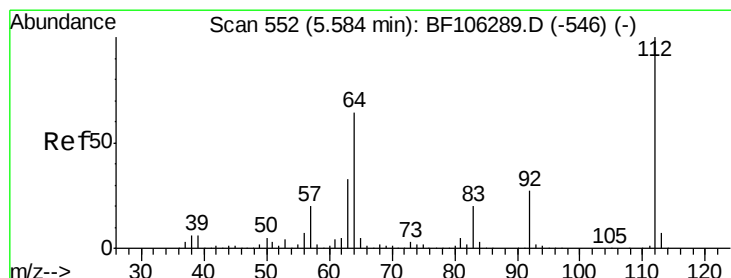
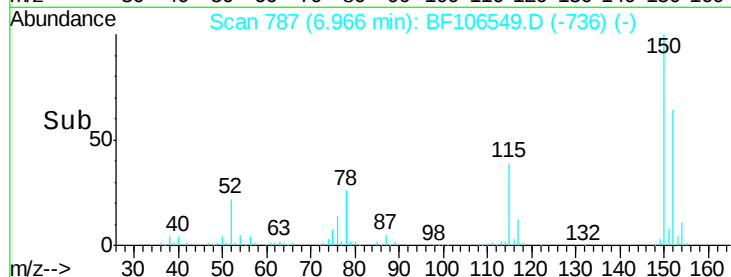
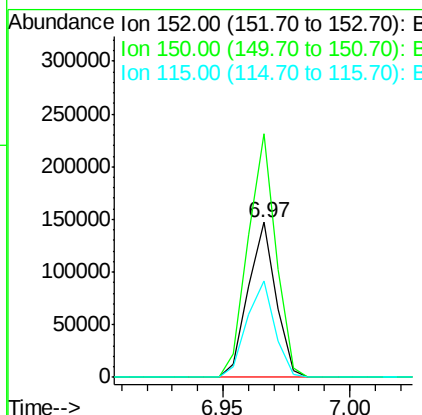
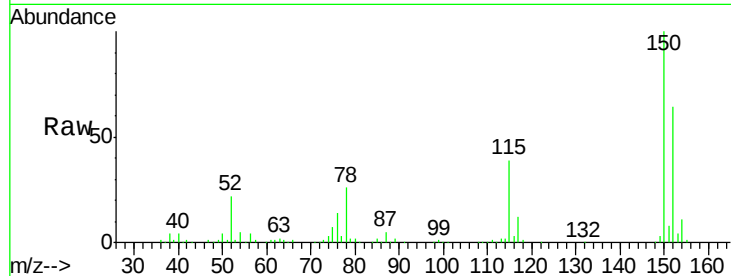




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

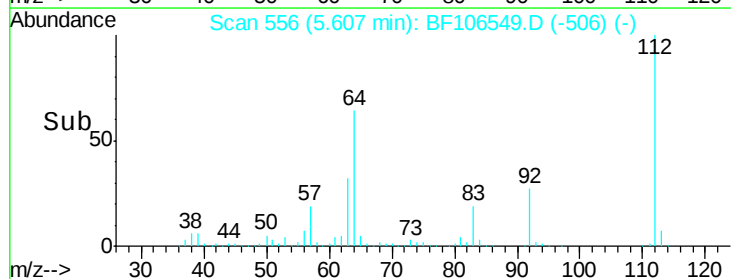
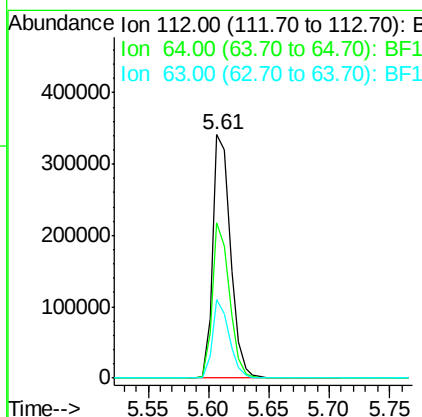
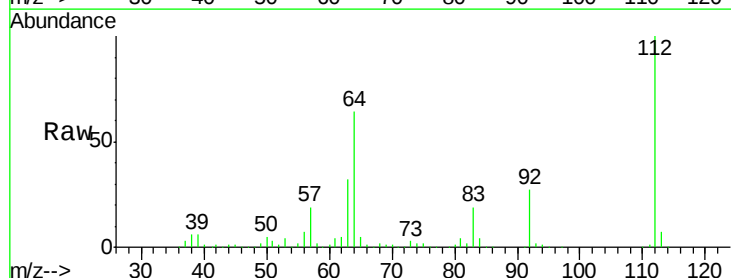
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Tgt Ion:152 Resp: 112695
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 62.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 51.577 ng
 RT: 5.61 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Tgt Ion:112 Resp: 343428
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 48.676 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Instrument :

BNA_F

ClientSampleId :

HD-01-061518

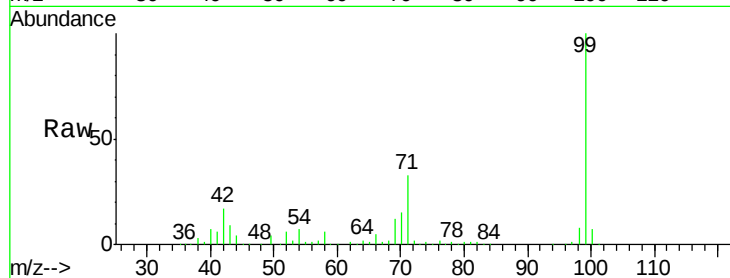
Tgt Ion: 99 Resp: 409485

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

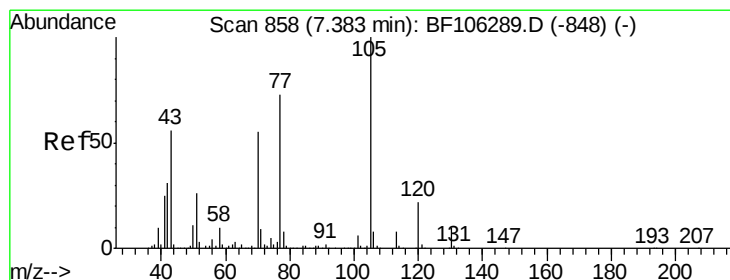
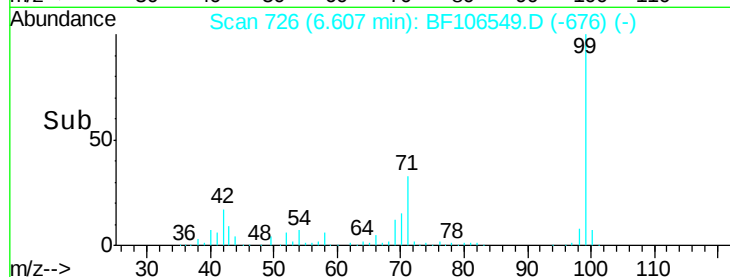
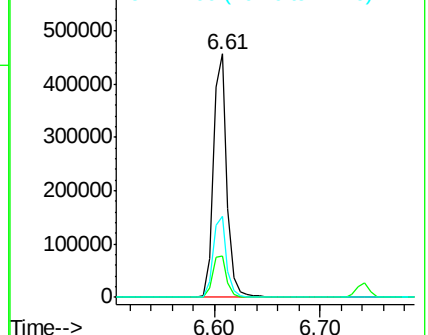
71 33.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.262 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Tgt Ion: 70 Resp: 33212

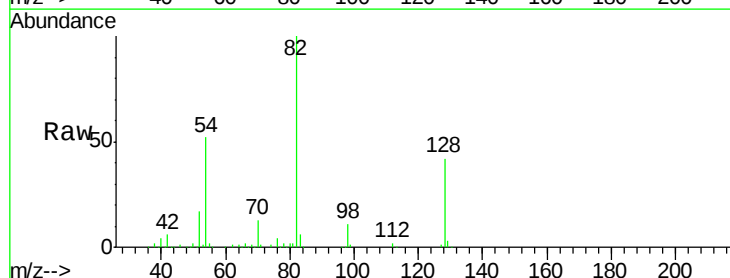
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

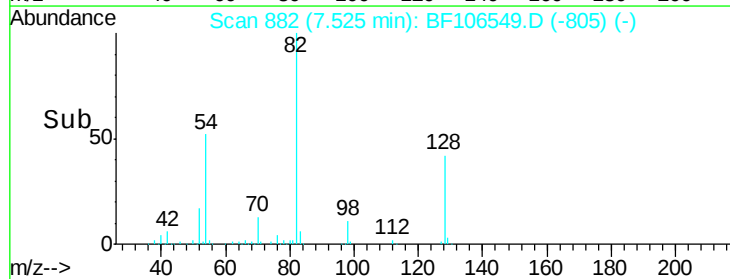
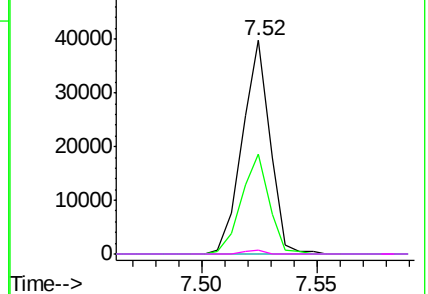


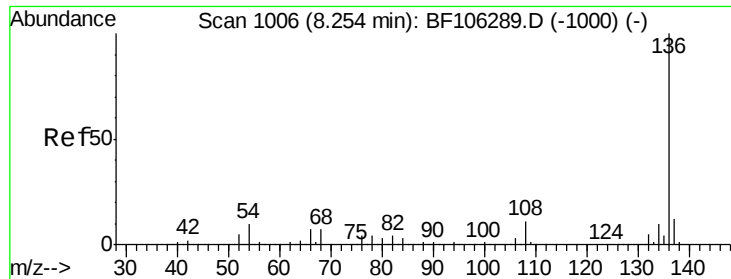
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

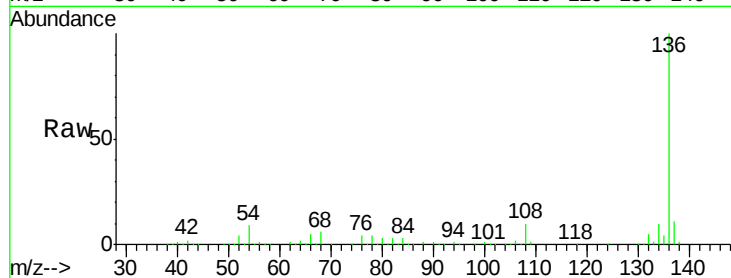




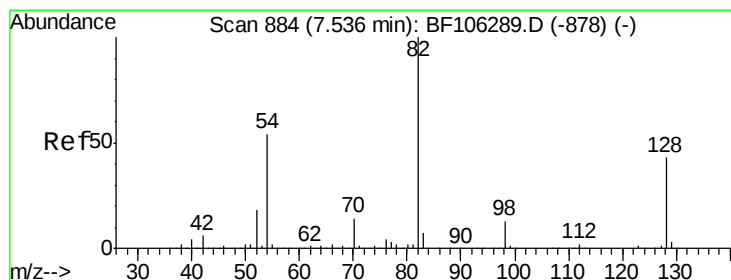
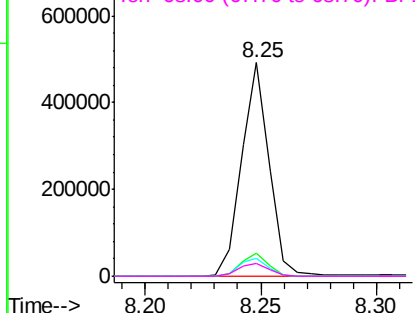
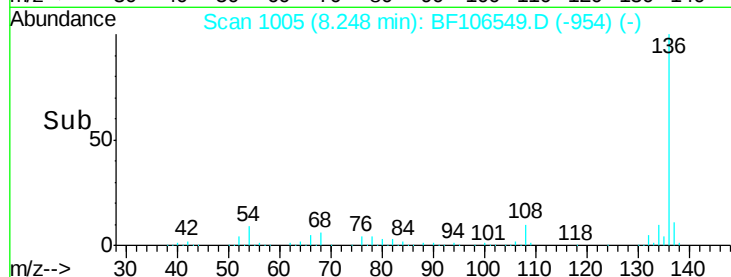
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tgt Ion:	136	Resp:	408493
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.6	9.8
68	6.2	5.0	7.4

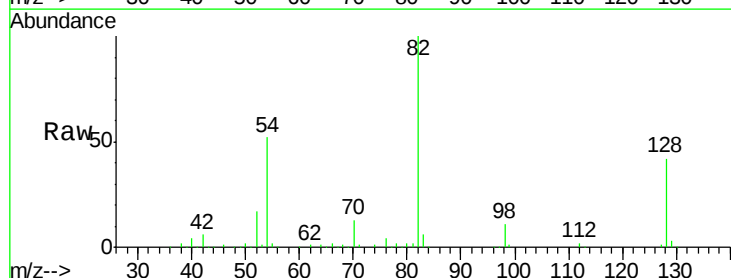


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

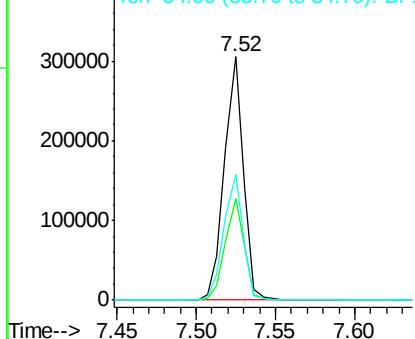
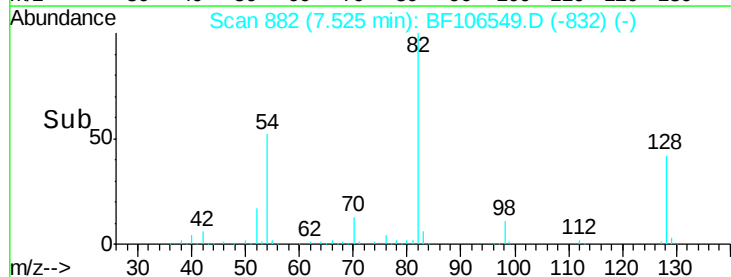


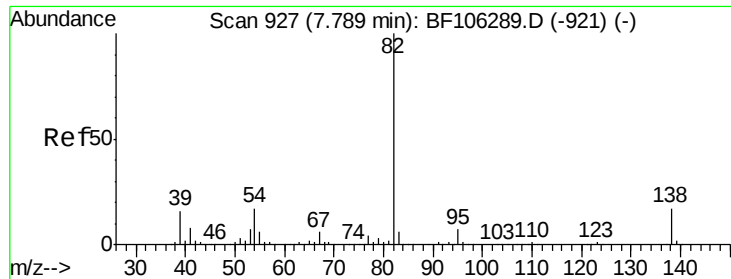
#23
Nitrobenzene-d5
Concen: 36.788 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:	82	Resp:	255445
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	51.7	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

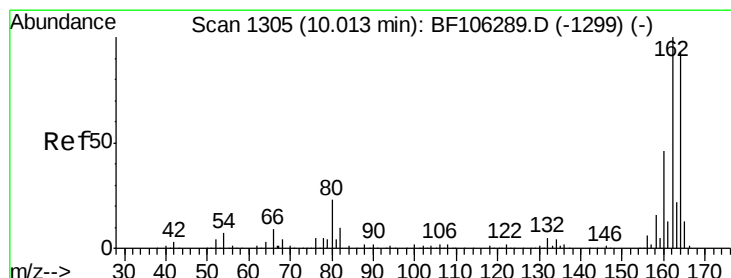
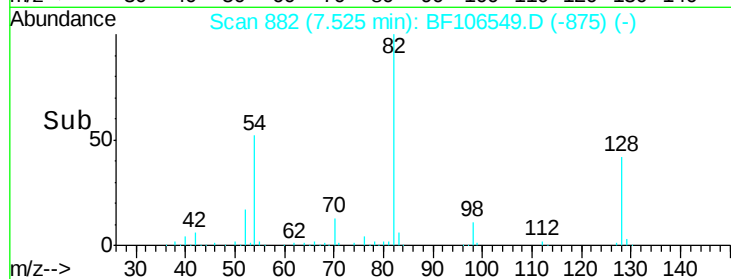
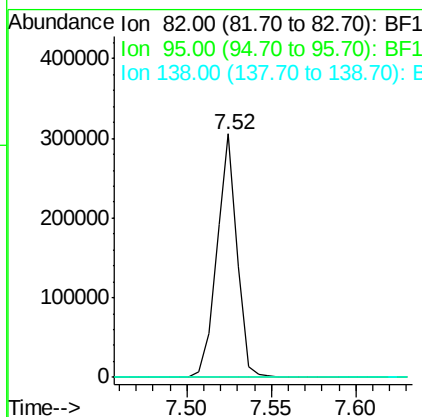
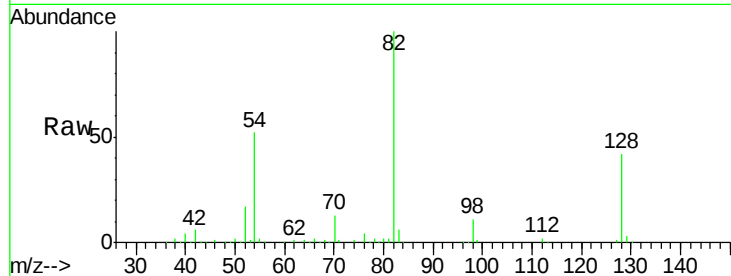




#25
Isophorone
Concen: 18.834 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

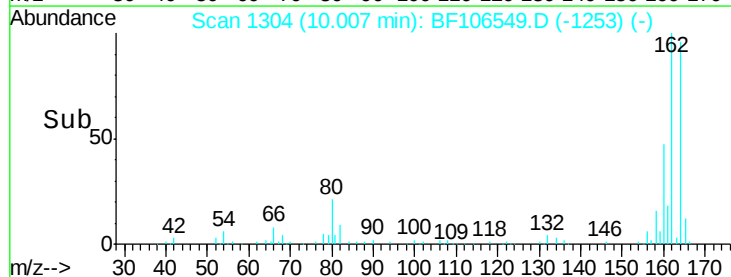
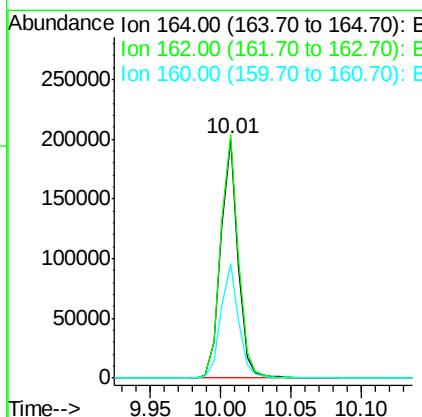
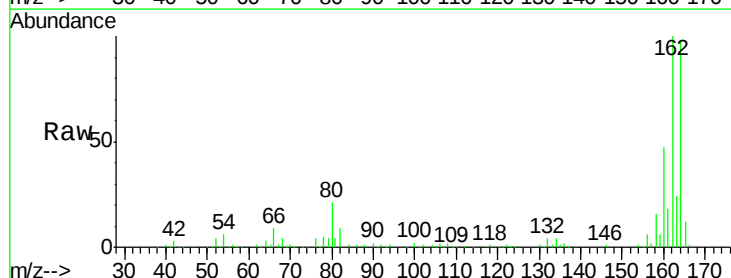
Instrument :
BNA_F
ClientSampleId :
HD-01-061518

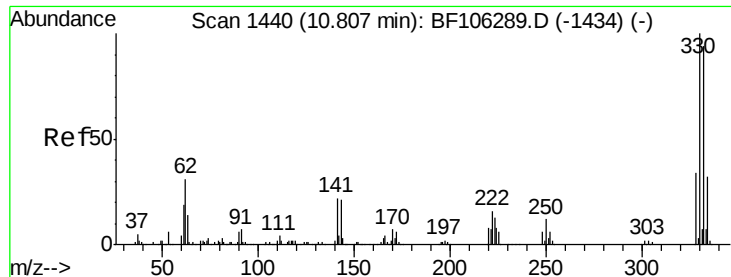
Tgt Ion: 82 Resp: 255441
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion: 164 Resp: 169867
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.7 38.3 57.5

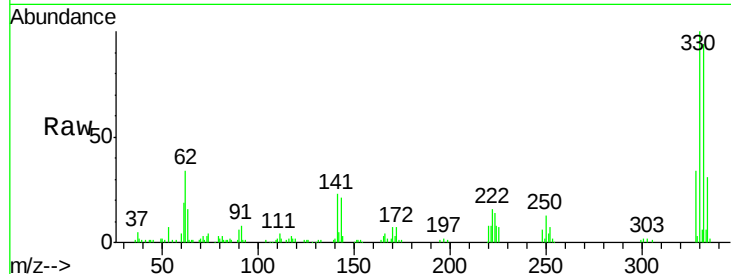




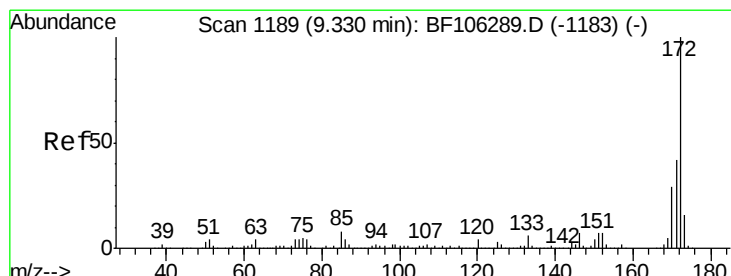
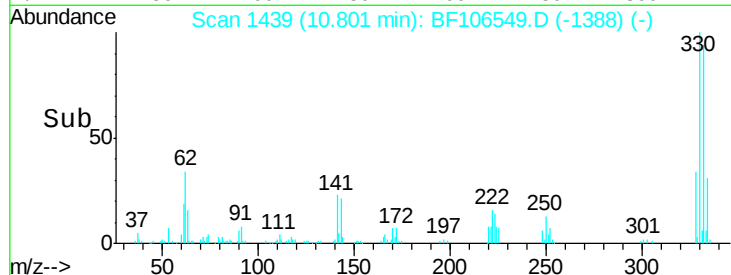
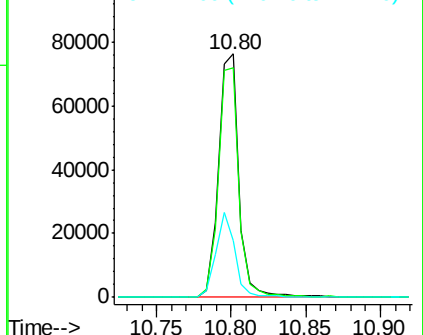
#41
 2,4,6-Tribromophenol
 Concen: 44.848 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Tgt Ion:330 Resp: 73301
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.9 29.9 44.9

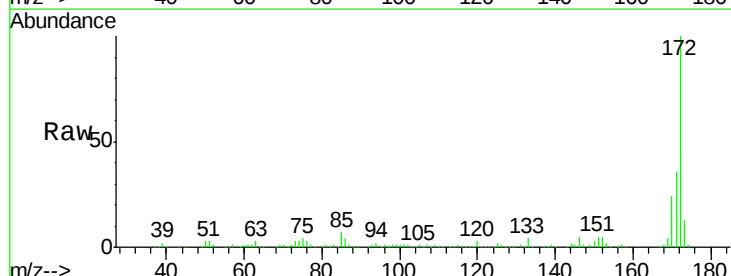


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

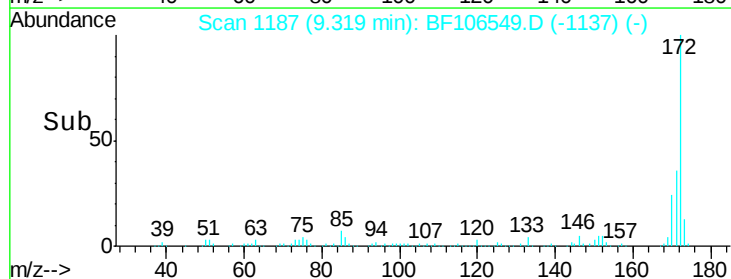
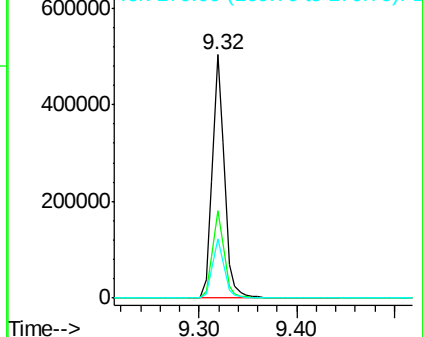


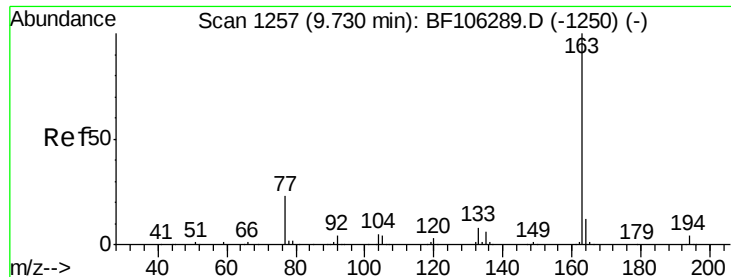
#44
 2-Fluorobiphenyl
 Concen: 36.095 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Tgt Ion:172 Resp: 436415
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

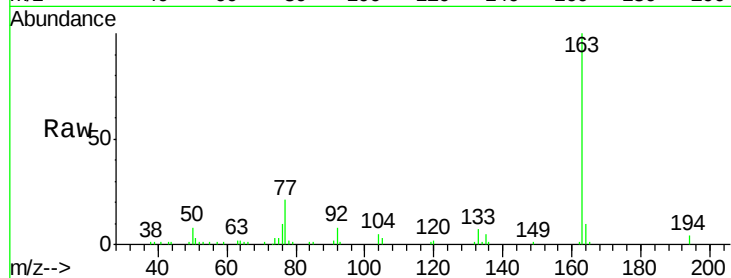




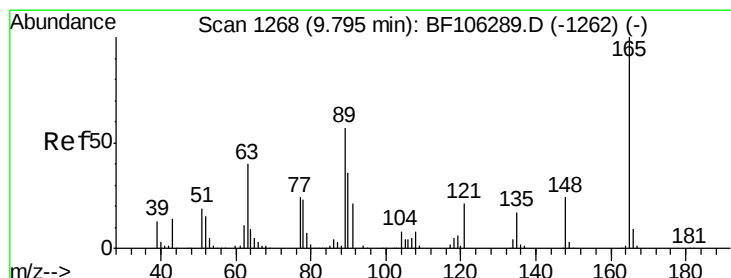
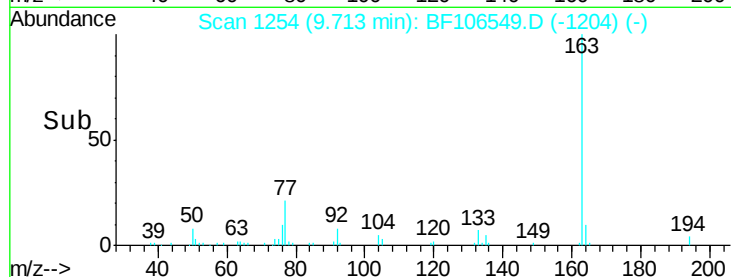
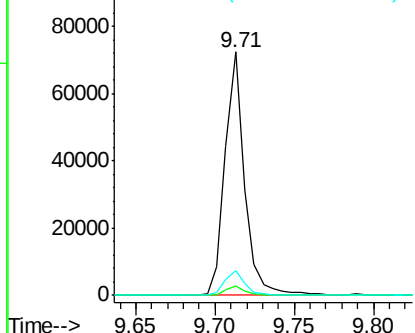
#49
Dimethylphthalate
Concen: 5.109 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tgt Ion:163 Resp: 62005
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

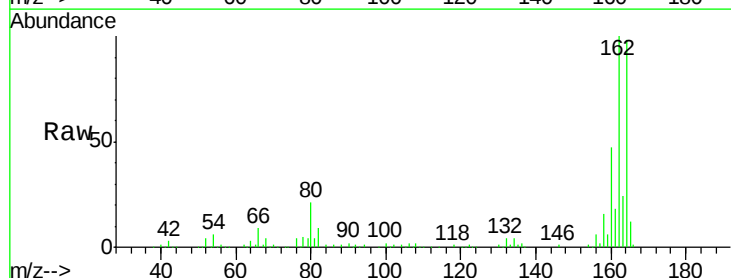


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

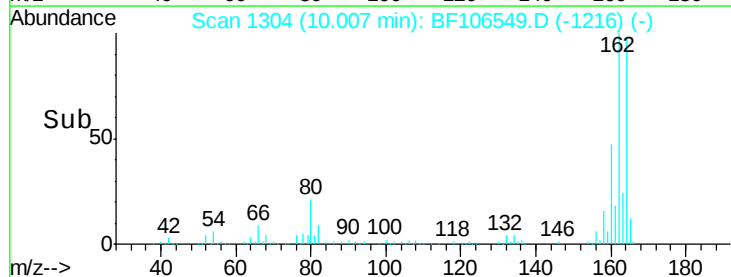
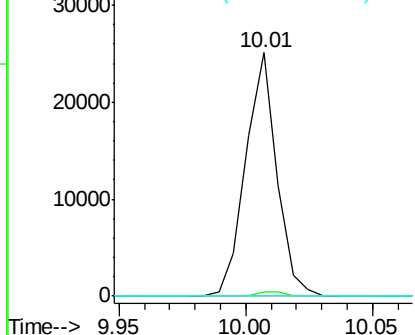


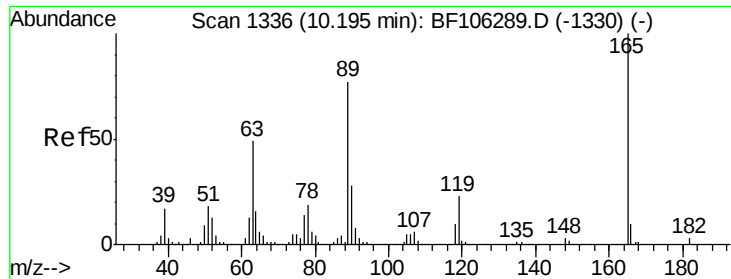
#50
2,6-Dinitrotoluene
Concen: 8.687 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:165 Resp: 21536
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

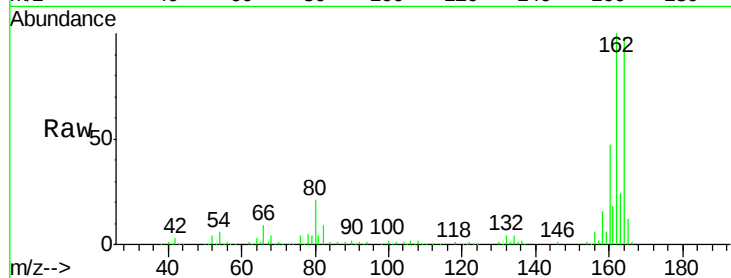




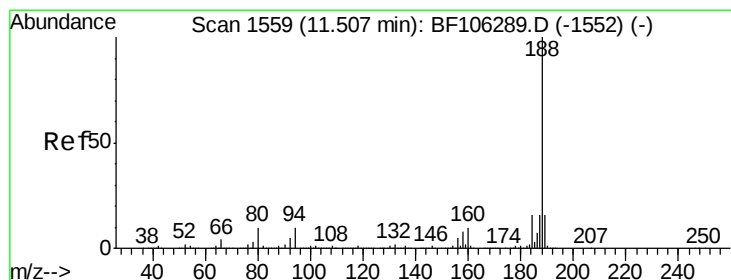
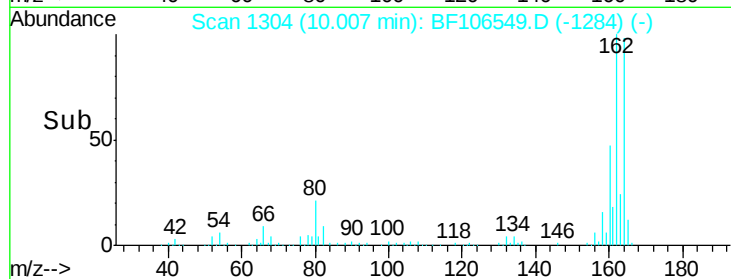
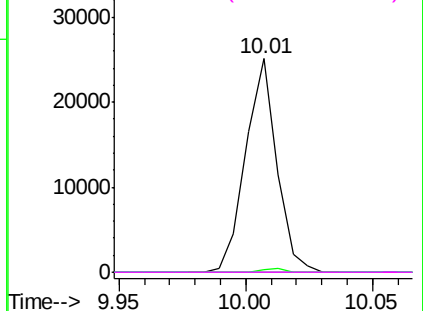
#56
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tgt Ion:	165	Resp:	21536
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

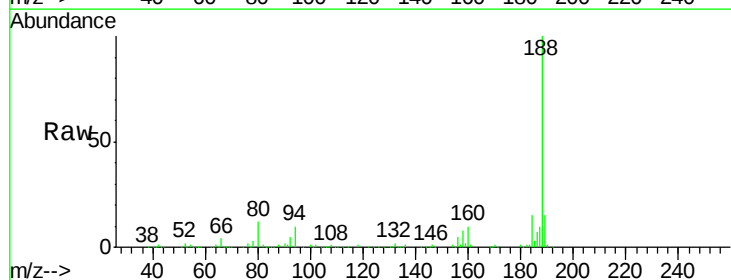


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

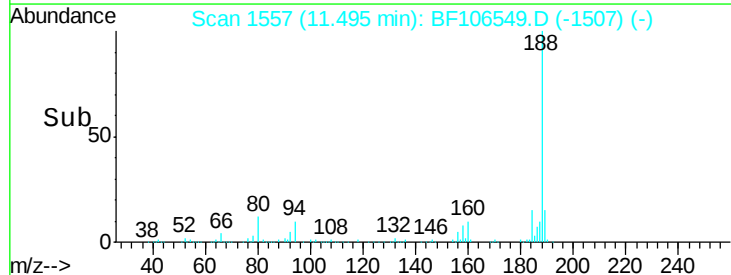
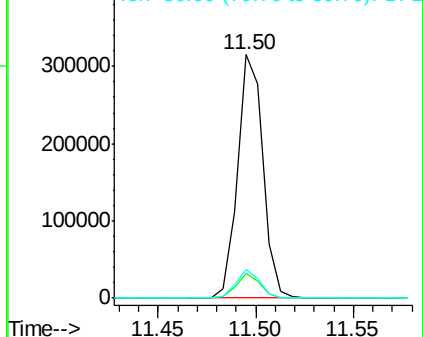


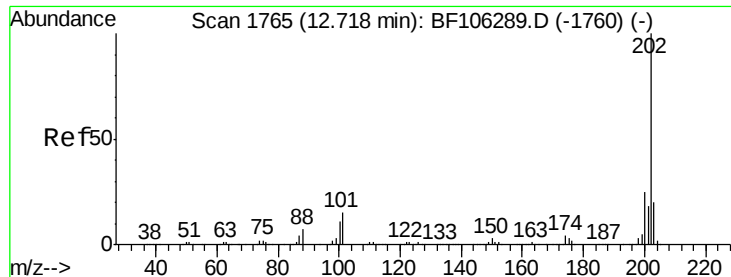
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:	188	Resp:	282311
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.7	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





#74

Fluoranthene

Concen: 2.517 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Instrument :

BNA_F

ClientSampleId :

HD-01-061518

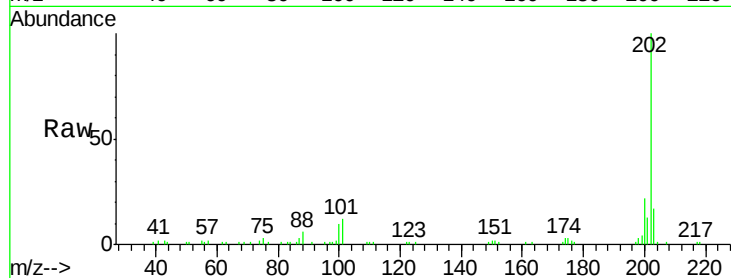
Tgt Ion:202 Resp: 37105

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

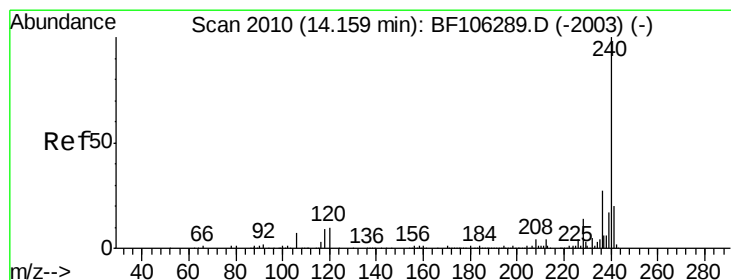
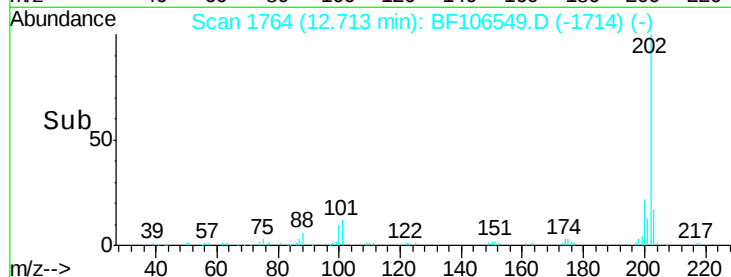
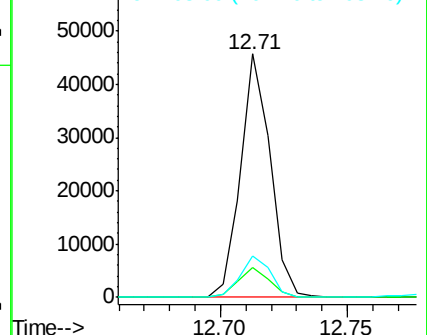
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

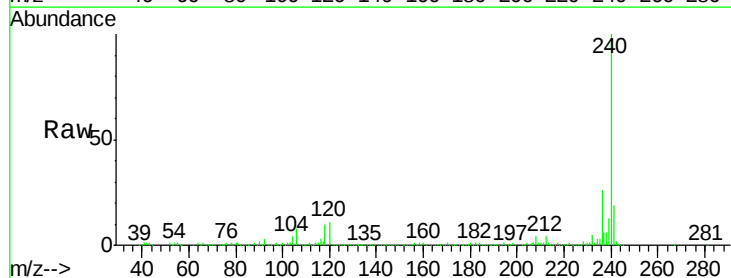
Tgt Ion:240 Resp: 317151

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

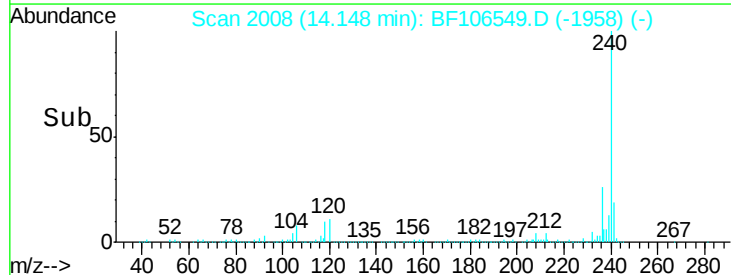
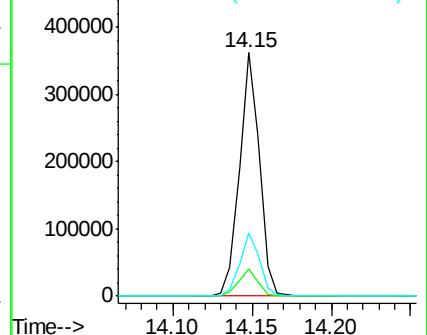
236 26.1 20.7 31.1

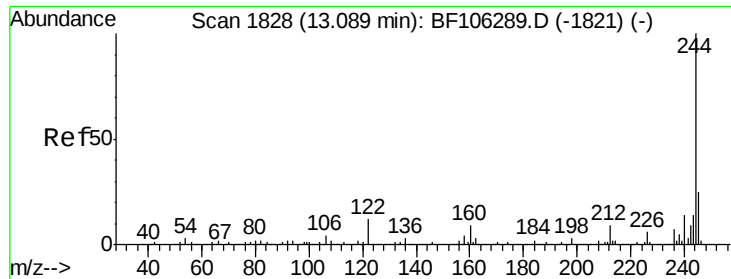


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

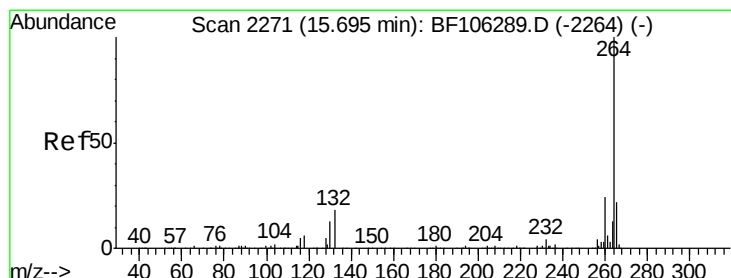
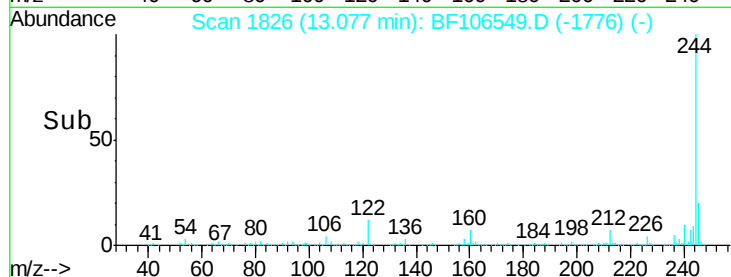
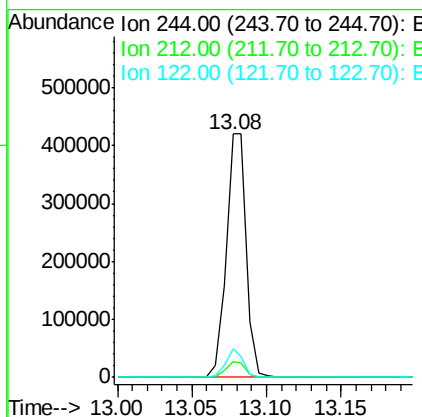
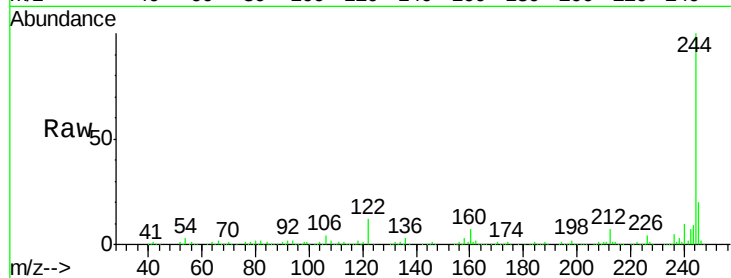




#78
 Terphenyl-d14
 Concen: 31.199 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Tgt Ion: 244 Resp: 398375
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Tgt Ion: 264 Resp: 273109
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.0 17.5 26.3

