

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106545.D
 Acq On : 18 Jun 2018 18:15
 Operator : JU/SJ
 Sample : J3566-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Quant Time: Jun 19 01:08:21 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

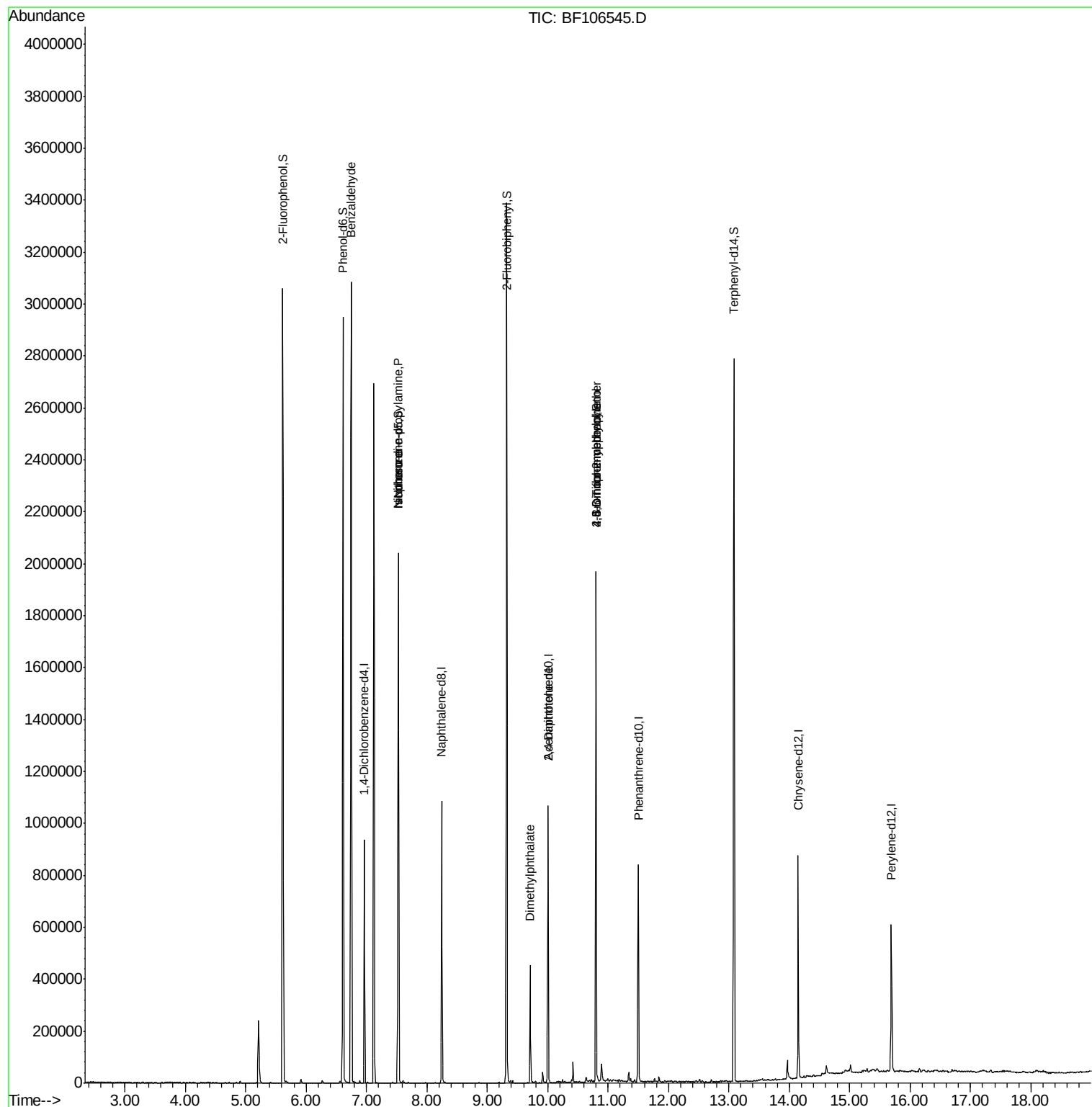
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118895	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	443390	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	193734	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	320977	20.00	ng	0.00
75) Chrysene-d12	14.15	240	286590	20.00	ng	0.00
86) Perylene-d12	15.69	264	291076	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	873875	124.40	ng	0.00
7) Phenol-d6	6.61	99	1069666	120.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	751717	99.74	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	270472	145.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1157560	120.41	ng	0.00
78) Terphenyl-d14	13.08	244	1025420	88.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20266	3.010	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	101539	15.250	ng	# 75
25) Isophorone	7.53	82	751706	51.062	ng	# 64
49) Dimethylphthalate	9.71	163	167775	12.121	ng	100
56) 2,4-Dinitrotoluene	10.01	165	24029	6.768	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	600	6.596	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	17372	4.758	ng	# 1

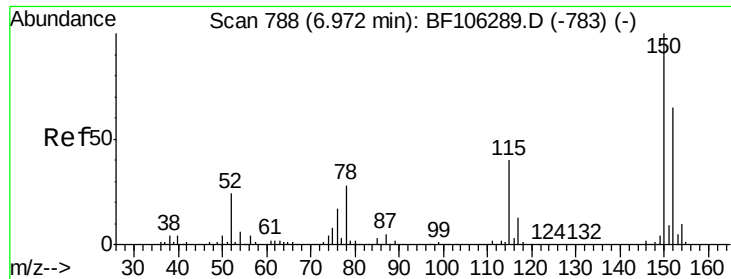
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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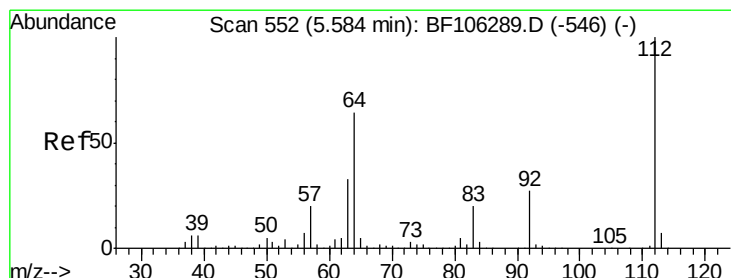
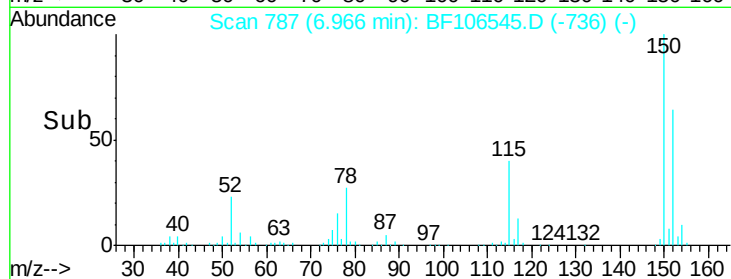
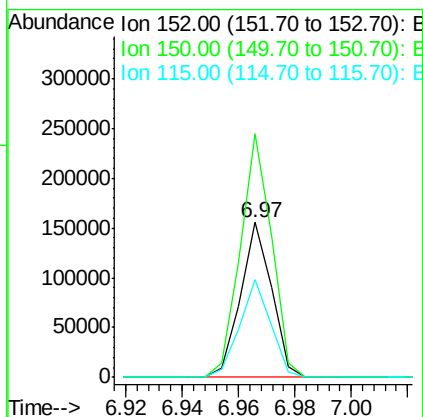
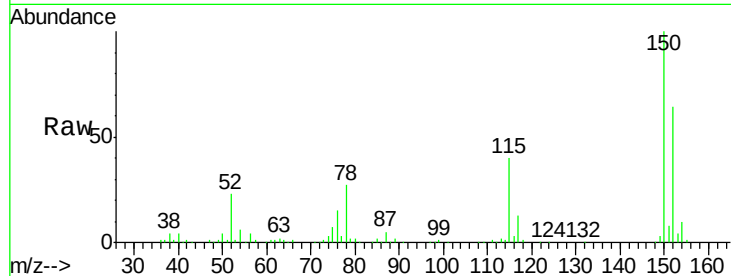


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
TP-8-D

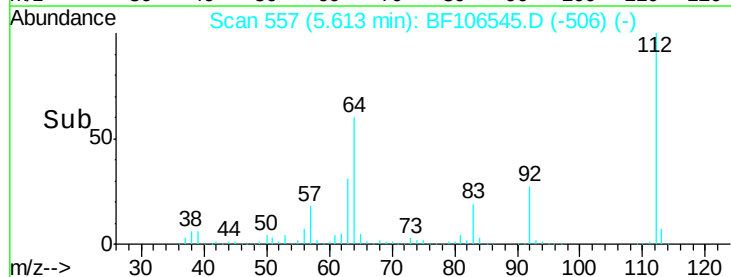
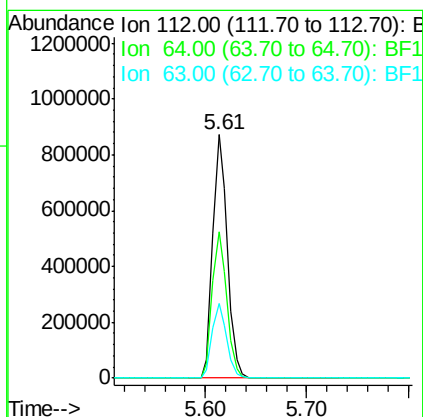
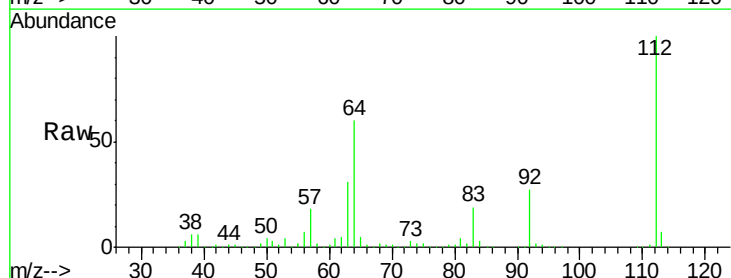
Tgt Ion:152 Resp: 118895
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.7 50.1 75.1

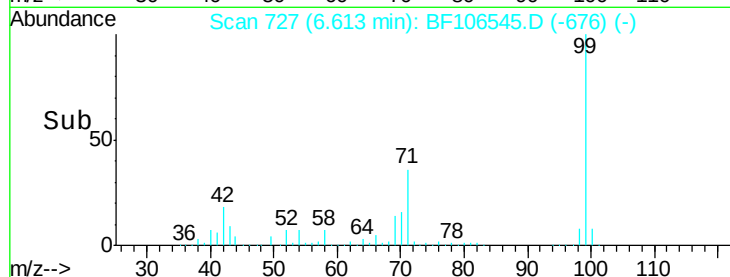
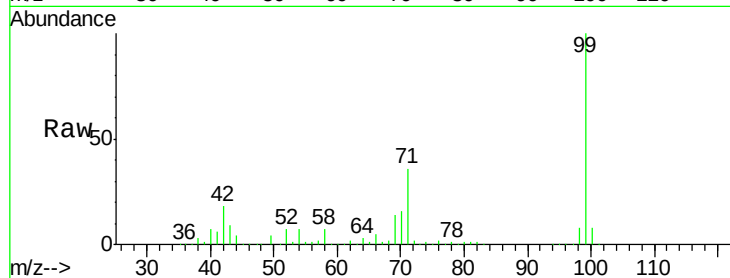
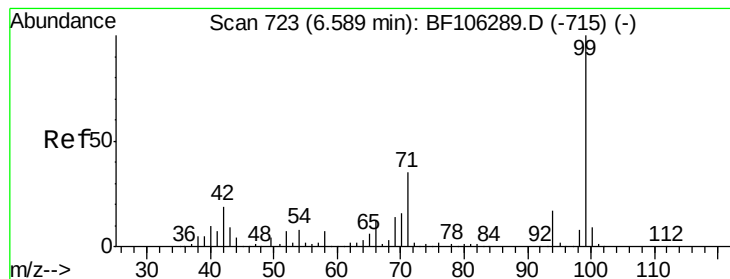


#5

2-Fluorophenol
Concen: 124.398 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

Tgt Ion:112 Resp: 873875
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 120.523 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-8-D

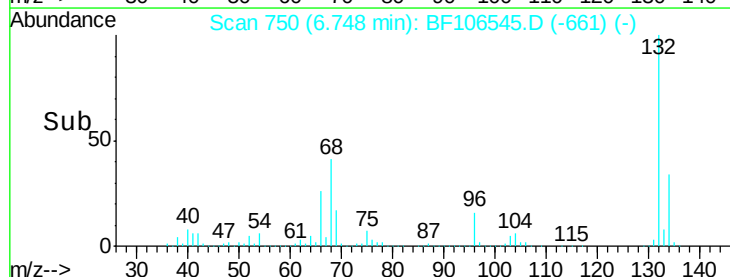
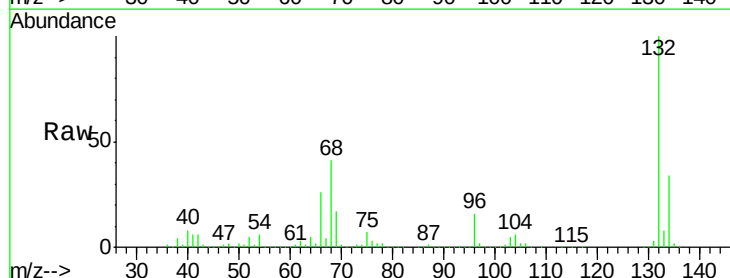
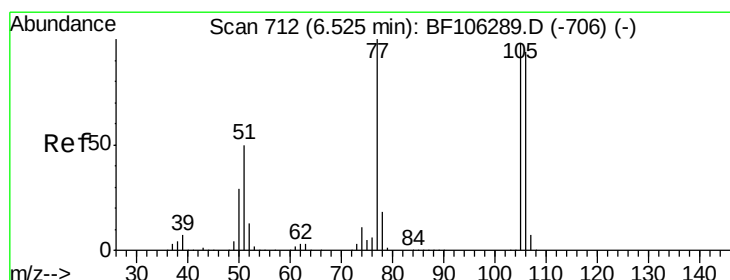
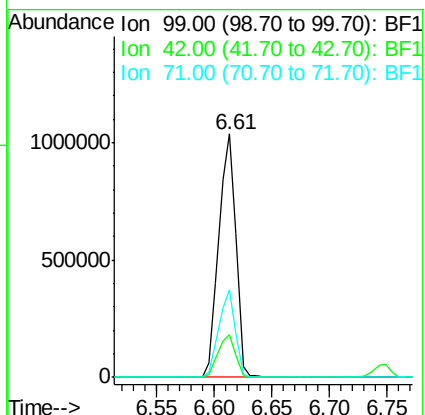
Tgt Ion: 99 Resp: 1069666

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 36.1 25.4 38.0



#9

Benzaldehyde

Concen: 3.010 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

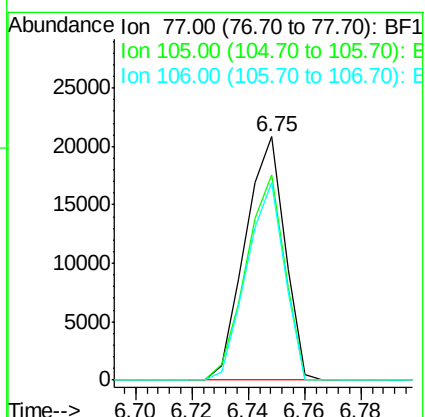
Tgt Ion: 77 Resp: 20266

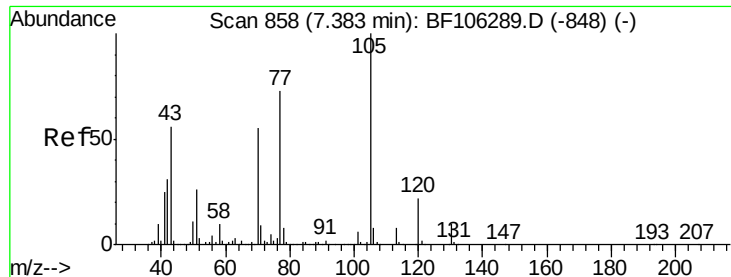
Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

106 81.3 74.5 114.5

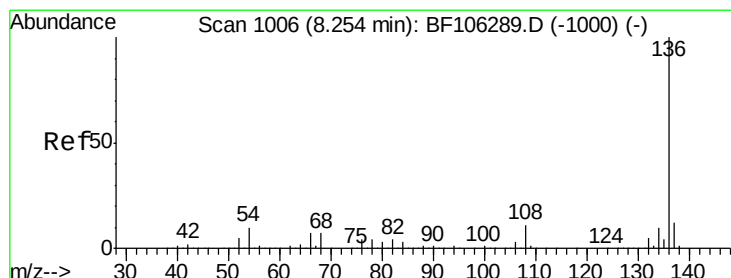
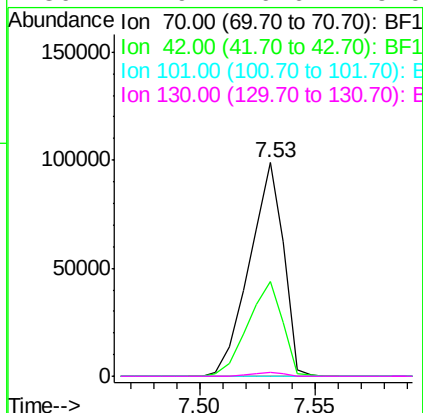
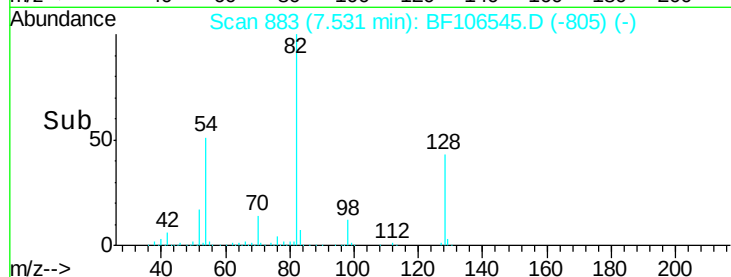
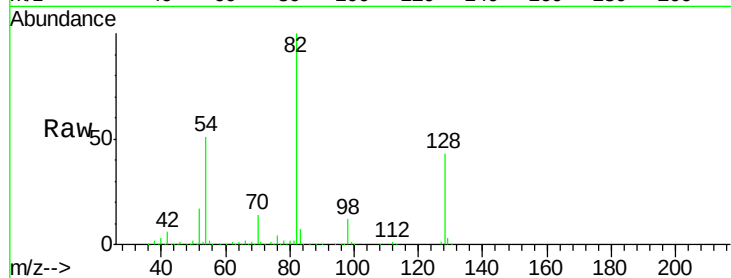




#19
n-Nitroso-di-n-propylamine
Concen: 15.250 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

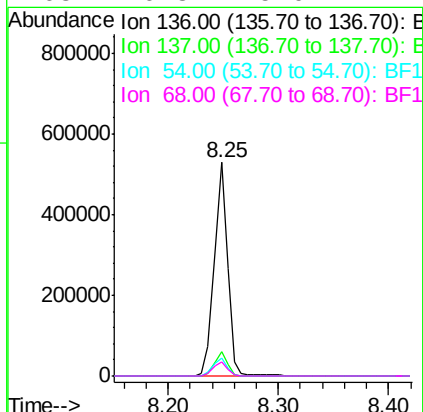
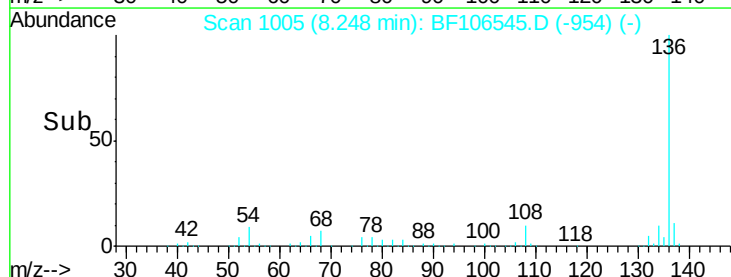
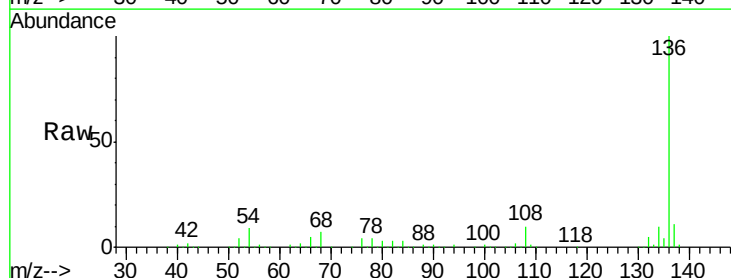
Instrument :
BNA_F
ClientSampleId :
TP-8-D

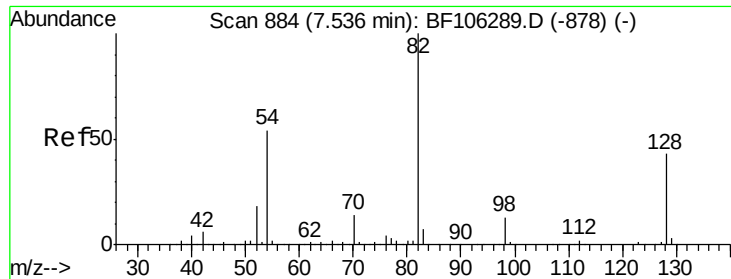
Tgt Ion: 70 Resp: 101539
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

Tgt Ion: 136 Resp: 443390
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.7 6.6 9.8
68 6.8 5.0 7.4

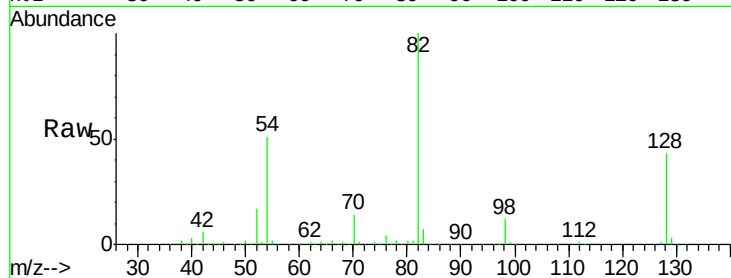




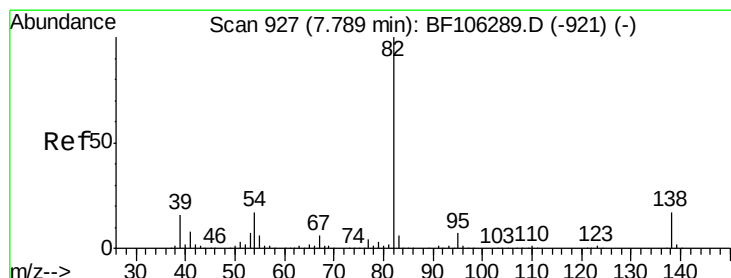
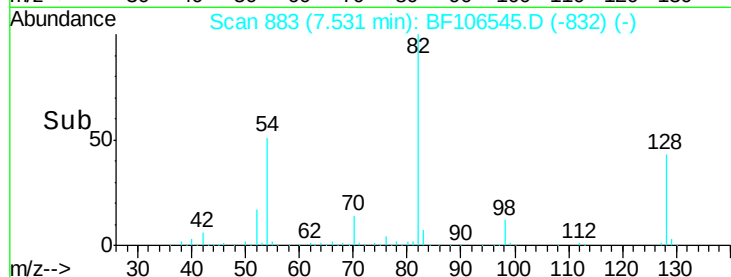
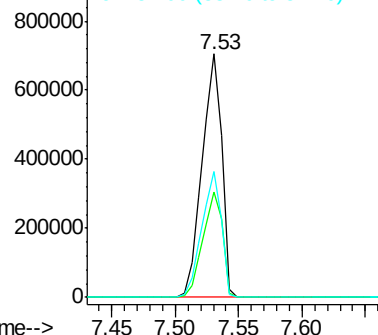
#23
 Nitrobenzene-d5
 Concen: 99.737 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

Instrument :
 BNA_F
 ClientSampleID :
 TP-8-D

Tgt Ion: 82 Resp: 751717
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 51.5 41.4 62.2

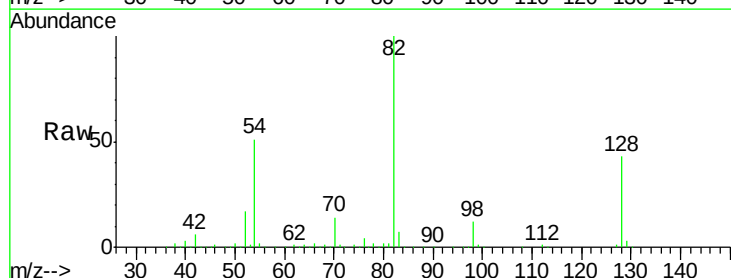


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

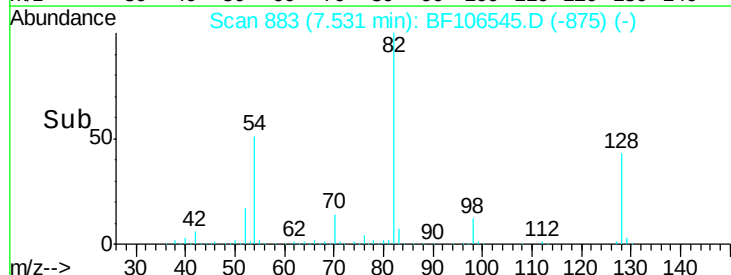
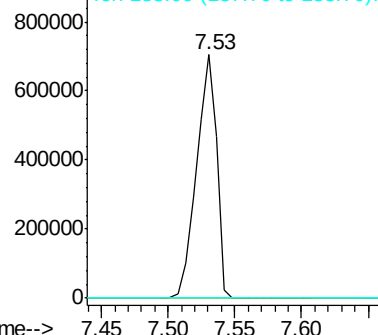


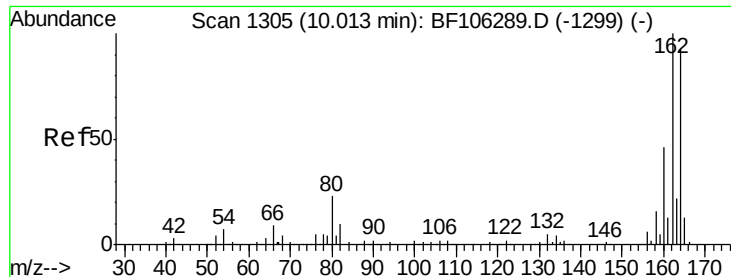
#25
 Isophorone
 Concen: 51.062 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

Tgt Ion: 82 Resp: 751706
 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-8-D

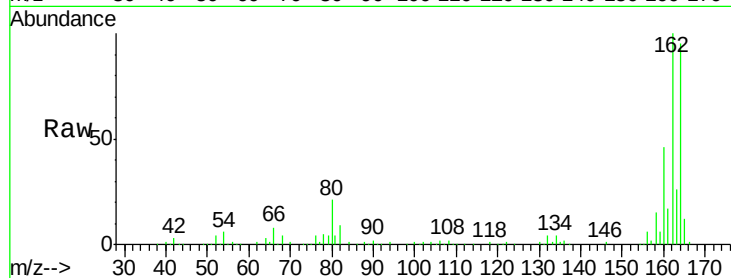
Tgt Ion:164 Resp: 193734

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

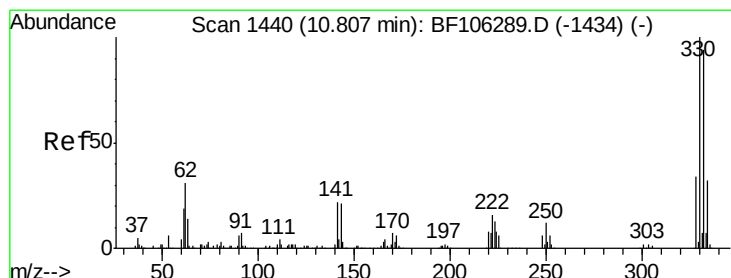
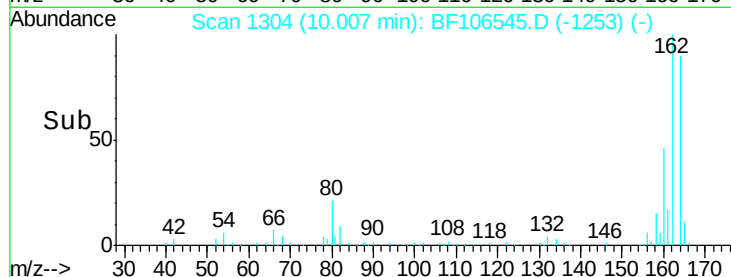
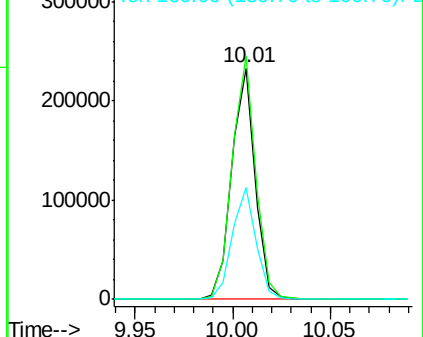
160 48.3 38.3 57.5



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: 145.099 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

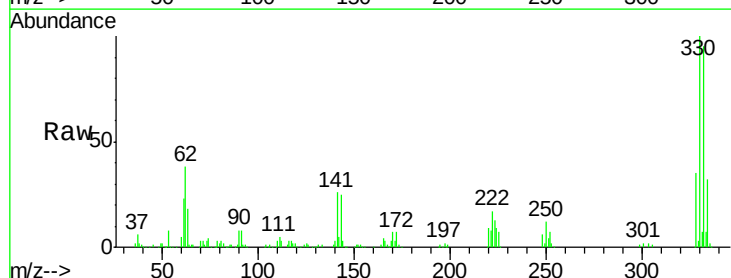
Tgt Ion:330 Resp: 270472

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

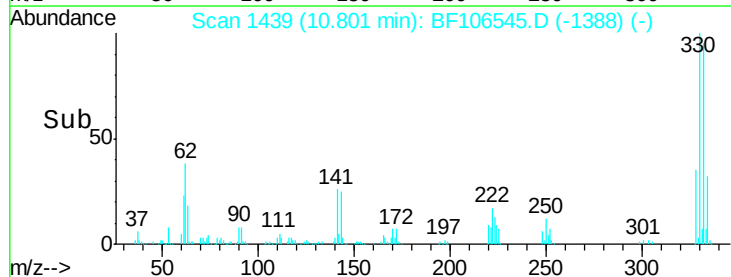
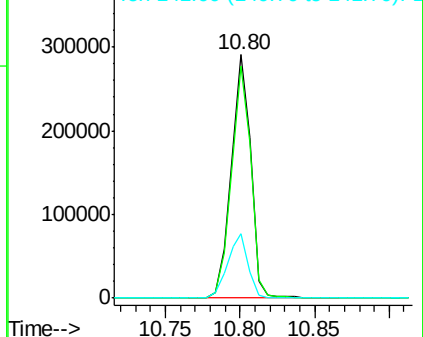
141 27.7 29.9 44.9#

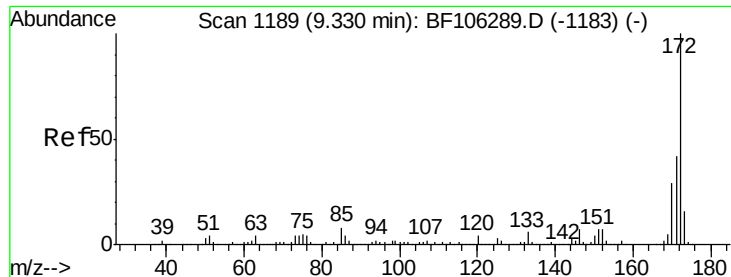


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

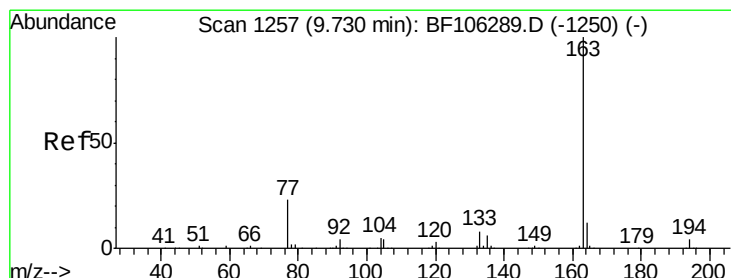
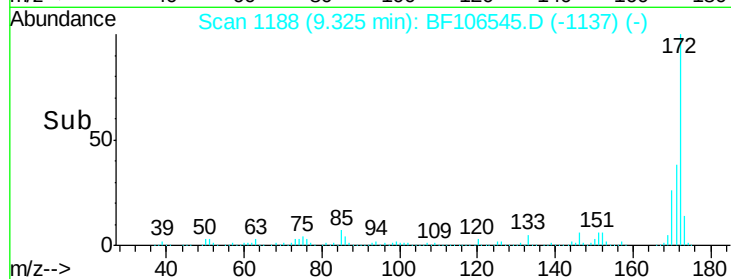
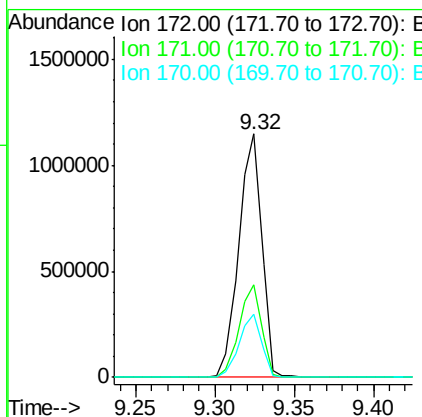
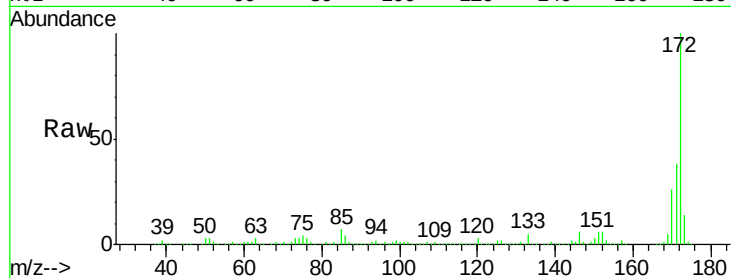




#44
2-Fluorobiphenyl
Concen: 120.414 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

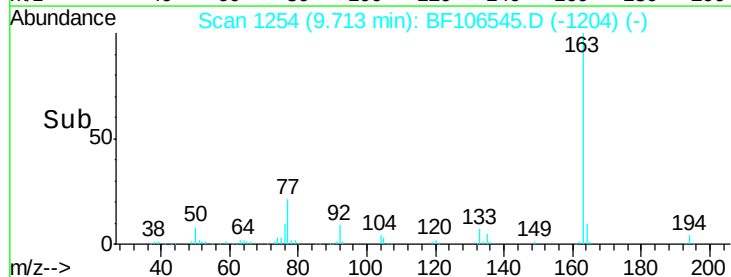
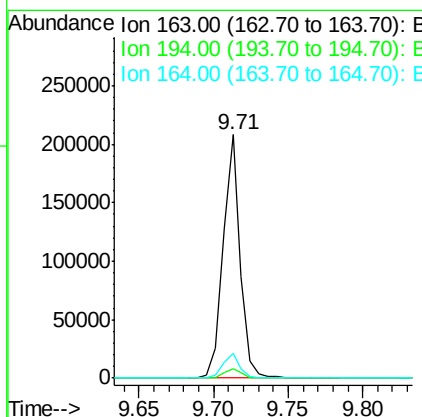
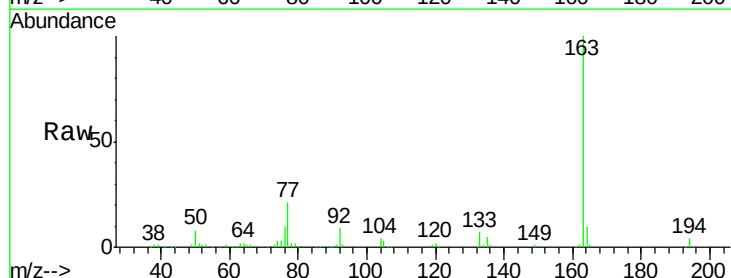
Instrument :
BNA_F
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TP-8-D

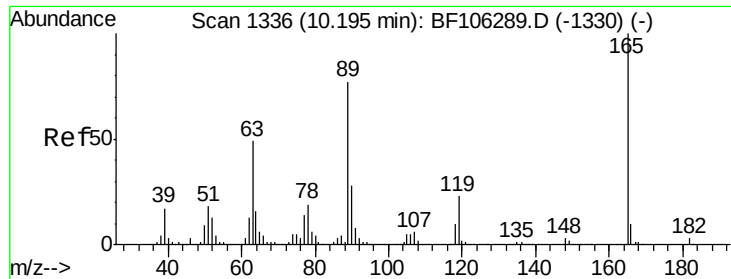
Tgt Ion:172 Resp: 1157560
Ion Ratio Lower Upper
172 100
171 38.2 29.7 44.5
170 25.8 19.6 29.4



#49
Dimethylphthalate
Concen: 12.121 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

Tgt Ion:163 Resp: 167775
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

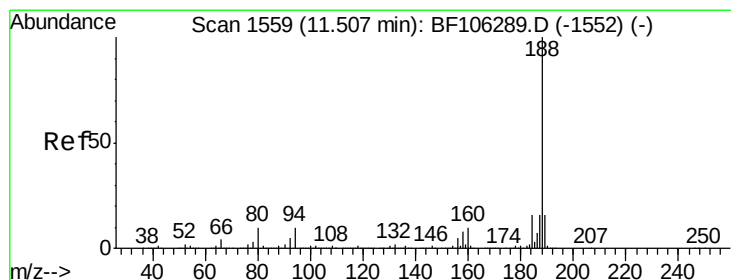
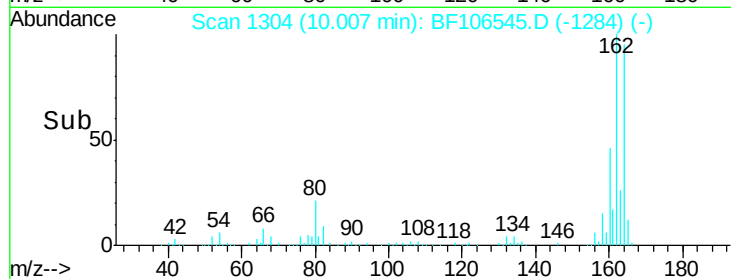
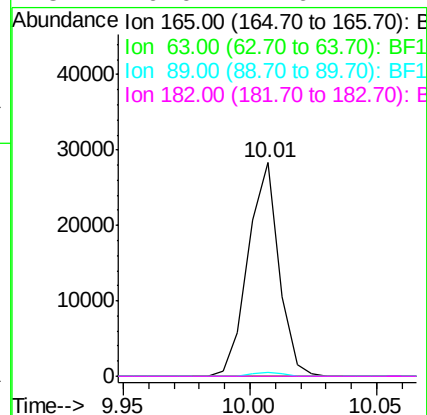
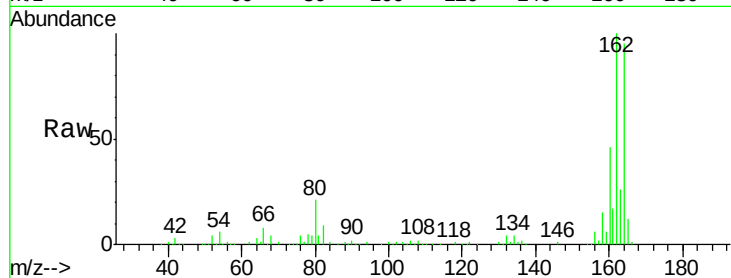




#56
 2,4-Dinitrotoluene
 Concen: 6.768 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

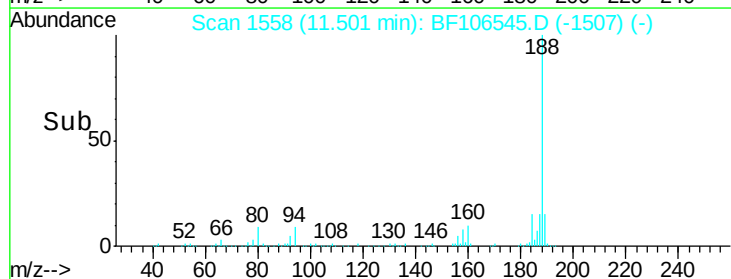
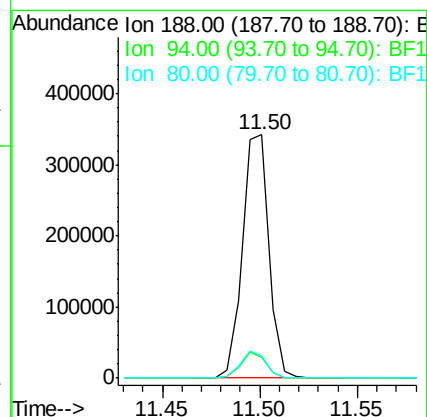
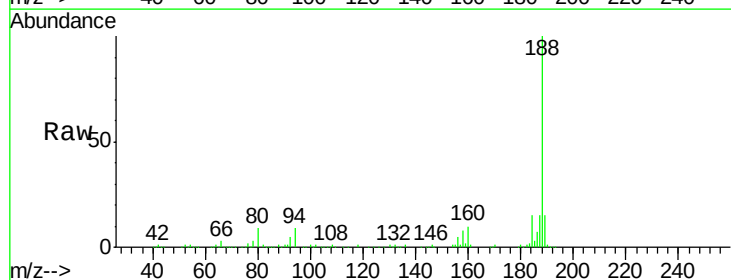
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

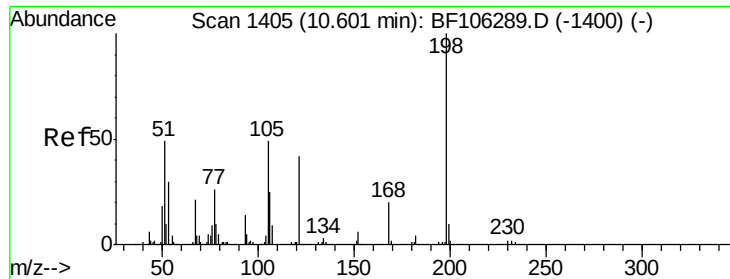
Tgt Ion:	165	Resp:	24029
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

Tgt Ion:	188	Resp:	320977
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

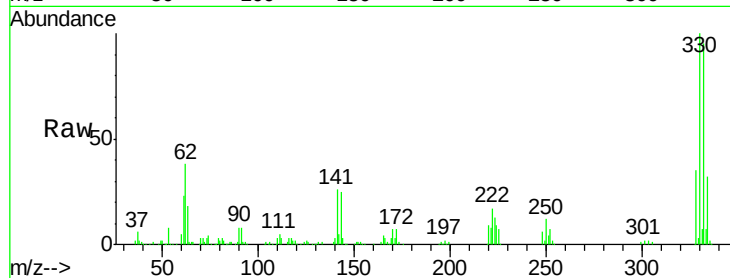




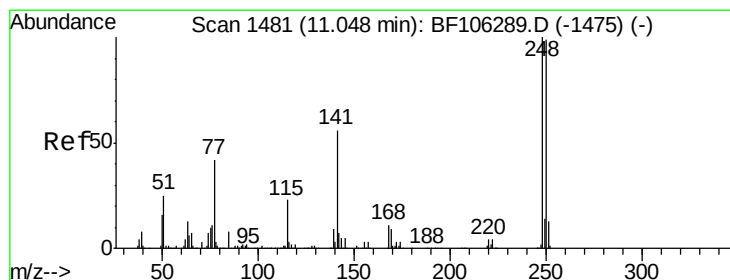
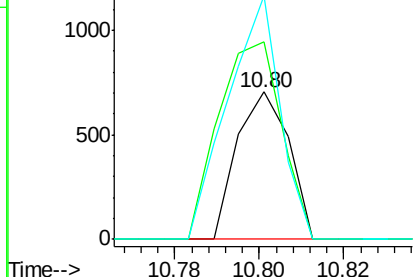
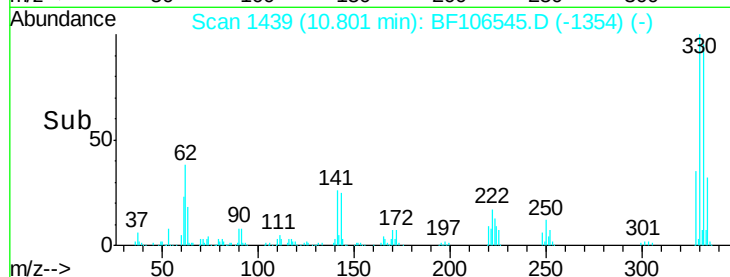
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.596 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tgt Ion:198 Resp: 600
 Ion Ratio Lower Upper
 198 100
 51 133.6 37.7 77.7#
 105 165.2 36.3 76.3#

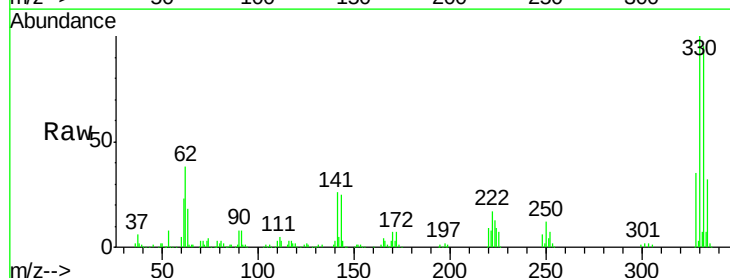


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

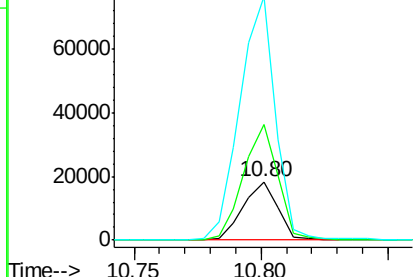
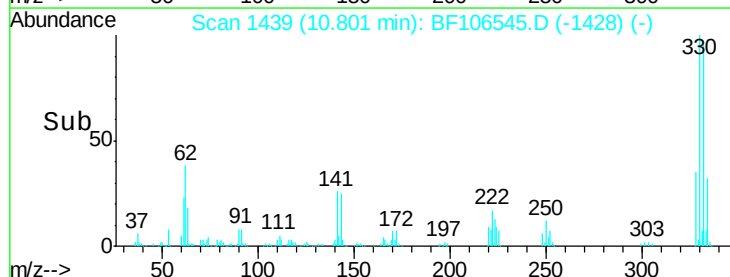


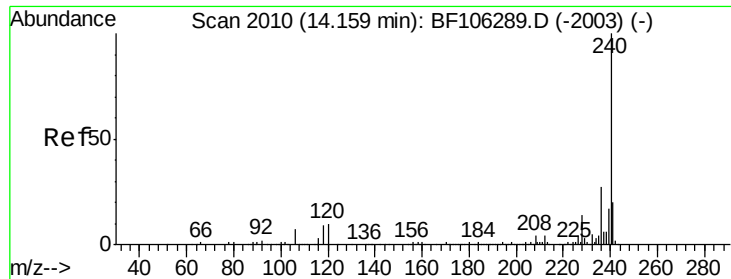
#66
 4-Bromophenyl-phenylether
 Concen: 4.758 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106545.D
 Acq: 18 Jun 2018 18:15

Tgt Ion:248 Resp: 17372
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.9 115.3#
 141 419.3 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-8-D

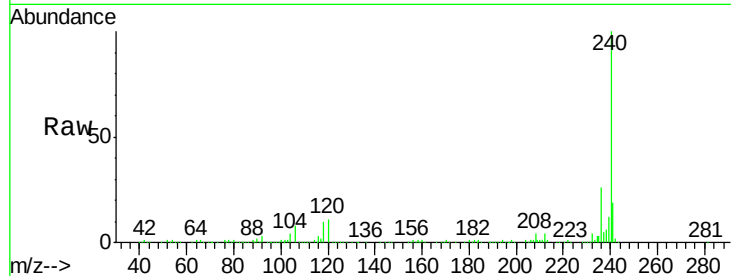
Tgt Ion:240 Resp: 286590

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

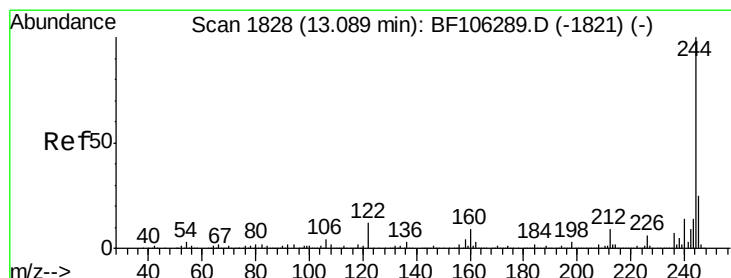
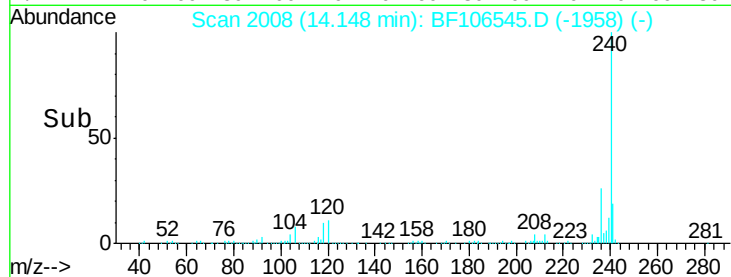
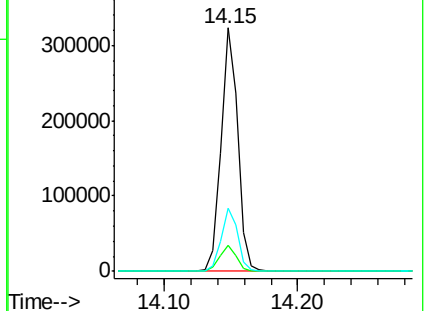
236 25.9 20.7 31.1



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: 88.870 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106545.D

Acq: 18 Jun 2018 18:15

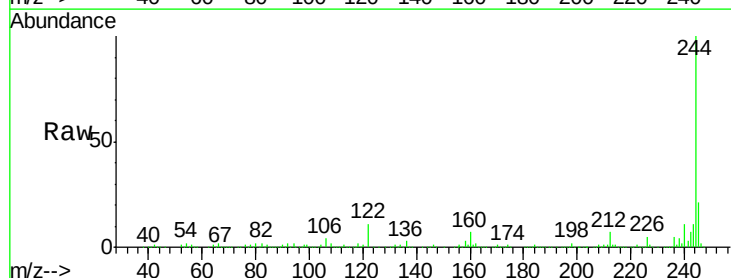
Tgt Ion:244 Resp: 1025420

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

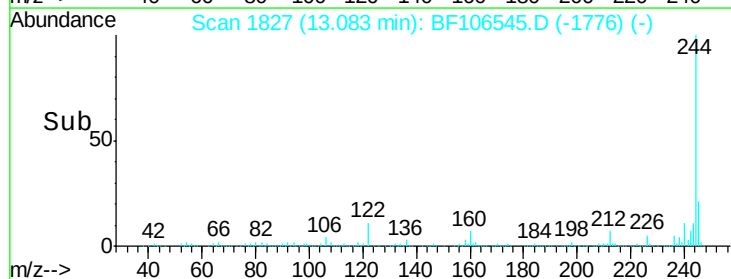
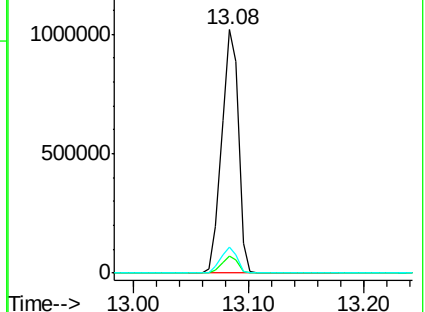
122 10.9 11.0 16.4#

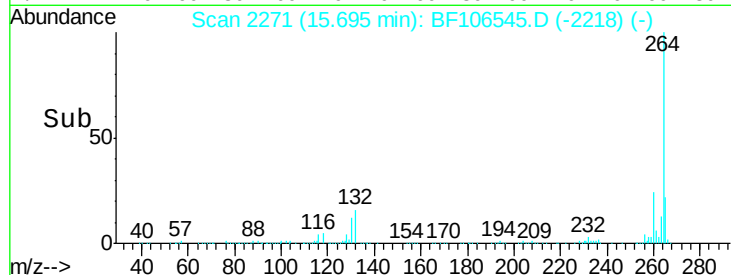
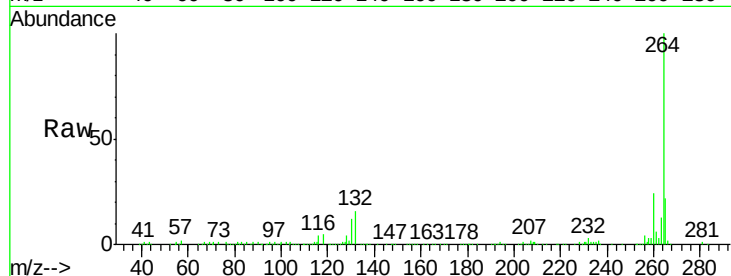
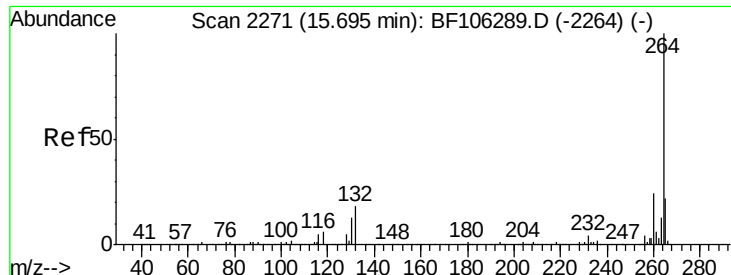


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106545.D
Acq: 18 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:	264	Resp:	291076
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

