

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106942.D
 Acq On : 29 Jun 2018 00:57
 Operator : JU/SJ
 Sample : J3734-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 29 05:55:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

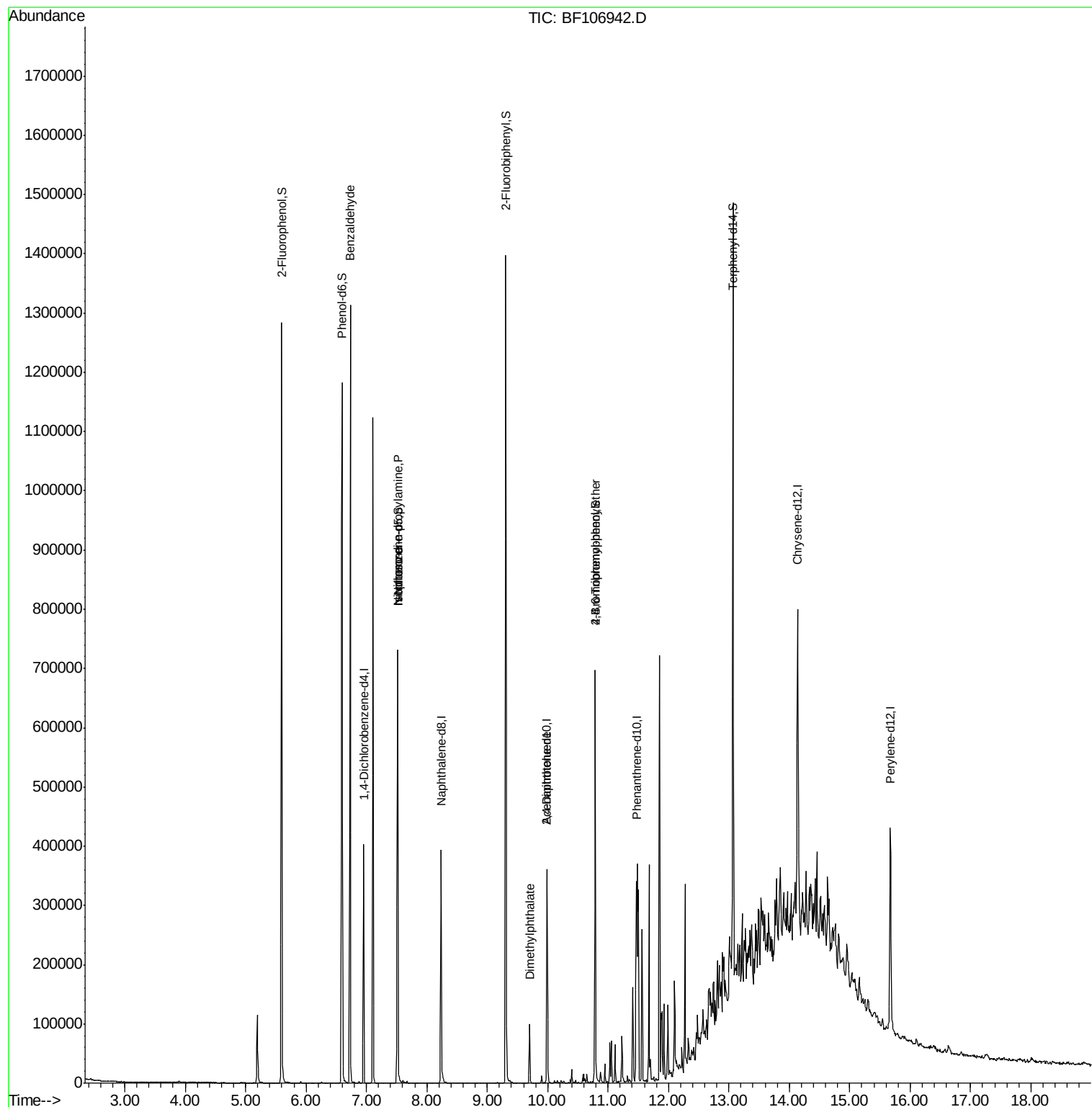
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58195	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	195013	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	78461	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	143818	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	185391	20.00	ng	-0.03
86) Perylene-d12	15.67	264	177718	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	346517	100.83	ng	0.00
7) Phenol-d6	6.60	99	416725	97.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	251142	71.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	98045	107.81	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	430986	94.65	ng	-0.02
78) Terphenyl-d14	13.07	244	492085	64.30	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	7603	2.112	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	32492	11.485	ng	# 73
25) Isophorone	7.52	82	251138	40.614	ng	# 64
49) Dimethylphthalate	9.70	163	45117	7.667	ng	99
56) 2,4-Dinitrotoluene	9.99	165	9555	5.875	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6164	3.591	ng	# 1

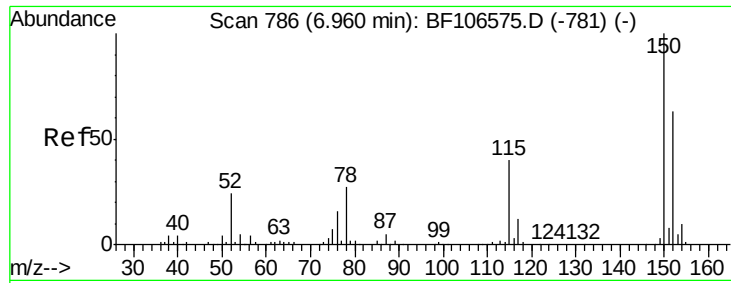
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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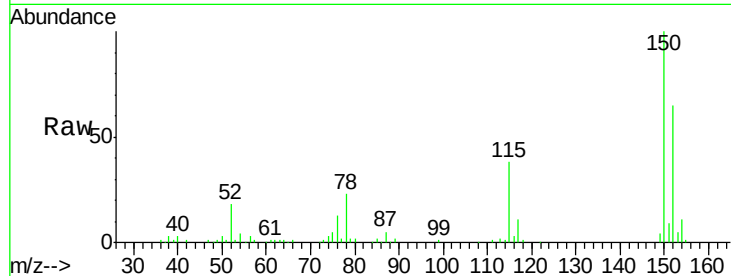


#1

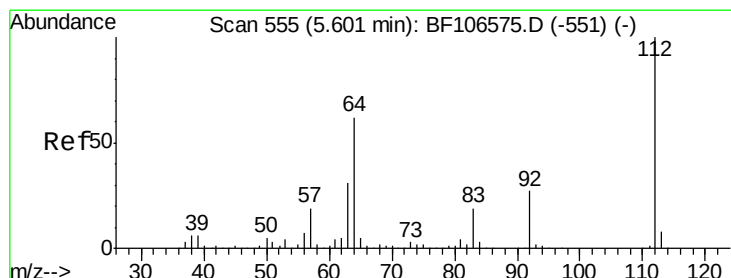
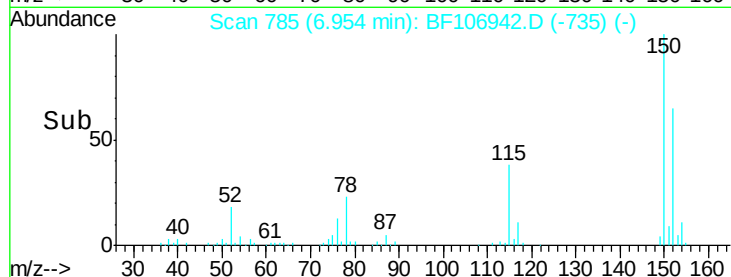
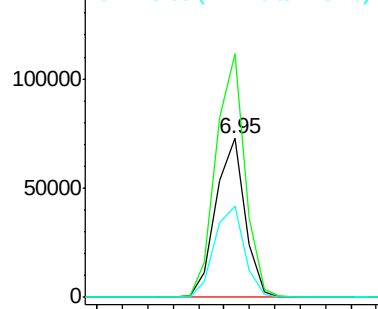
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 58195
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.5 50.1 75.1



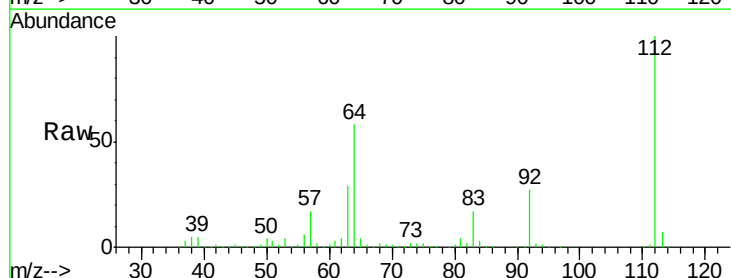
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



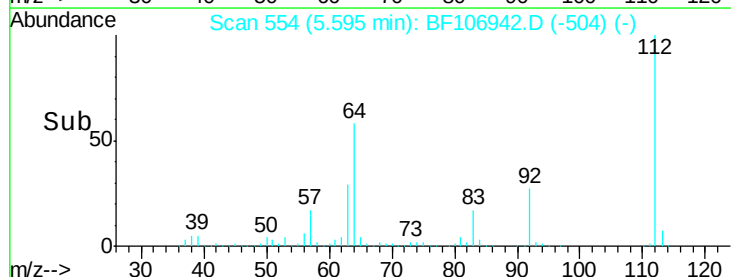
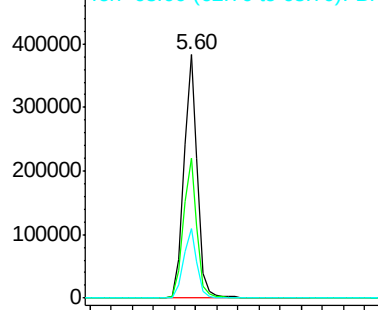
#5

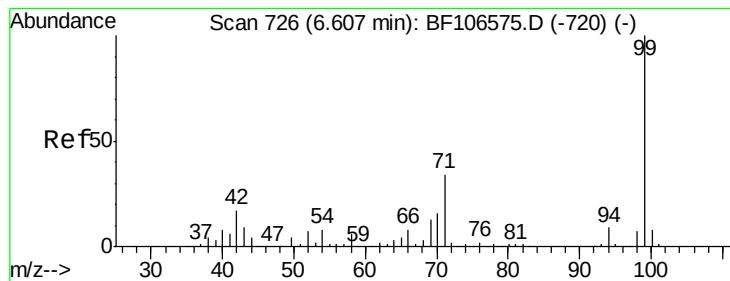
2-Fluorophenol
Concen: 100.827 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Tgt Ion:112 Resp: 346517
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.7 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: 97.097 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

Instrument :

BNA_F

ClientSampleId :

DFTPP

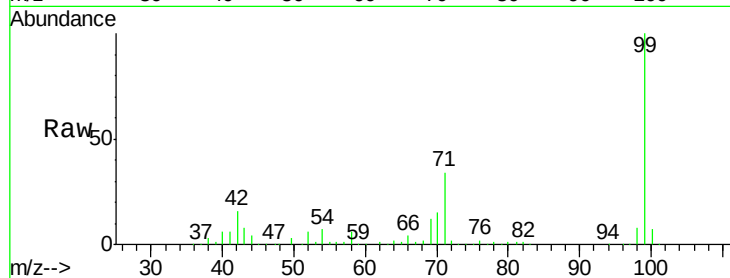
Tgt Ion: 99 Resp: 416725

Ion Ratio Lower Upper

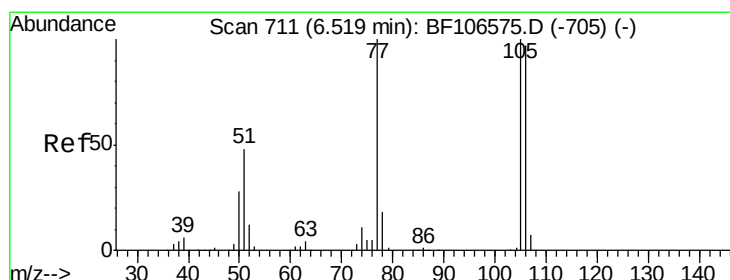
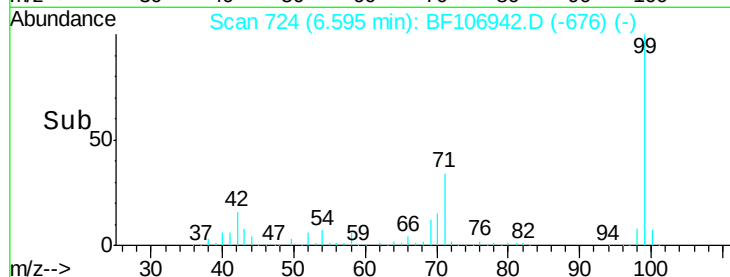
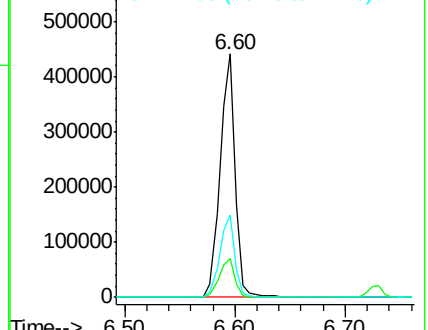
99 100

42 16.1 14.5 21.7

71 34.0 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



#9

Benzaldehyde

Concen: 2.112 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

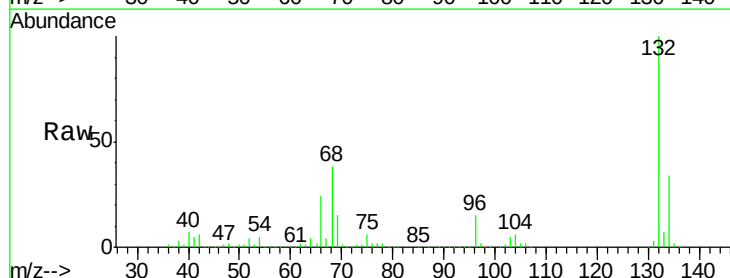
Tgt Ion: 77 Resp: 7603

Ion Ratio Lower Upper

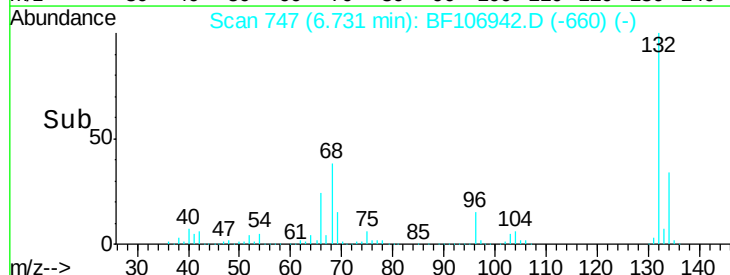
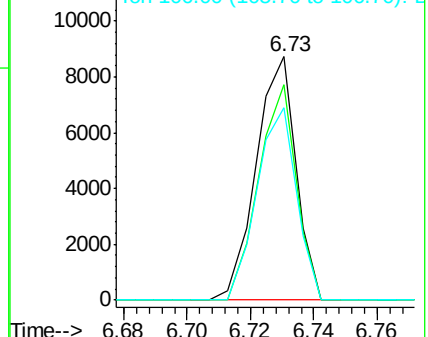
77 100

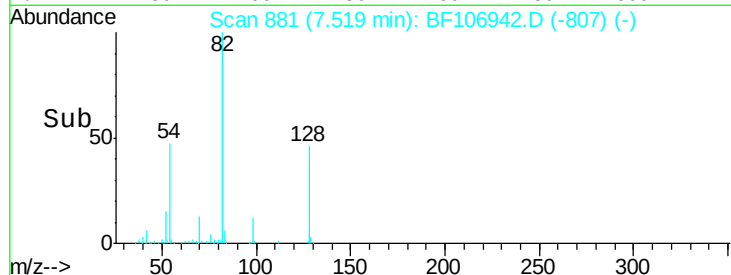
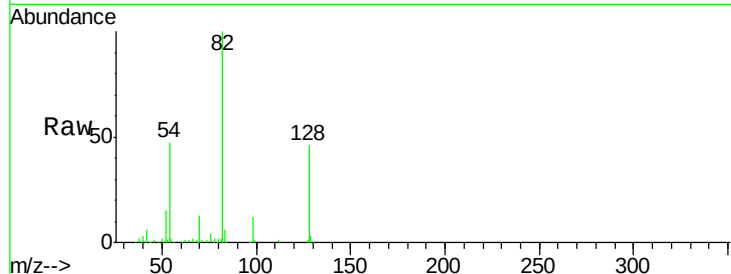
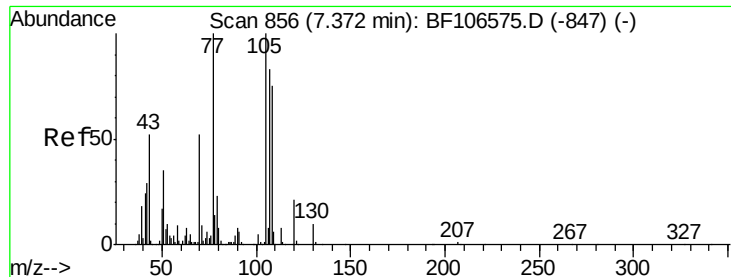
105 88.3 81.1 121.1

106 79.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

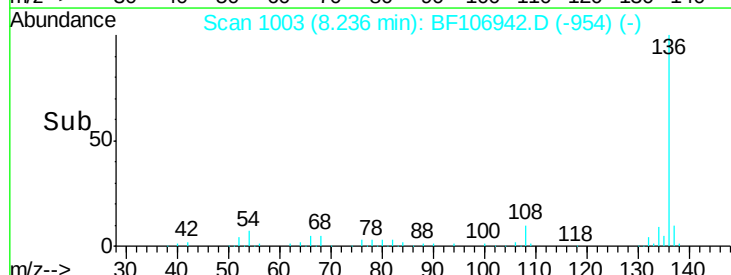
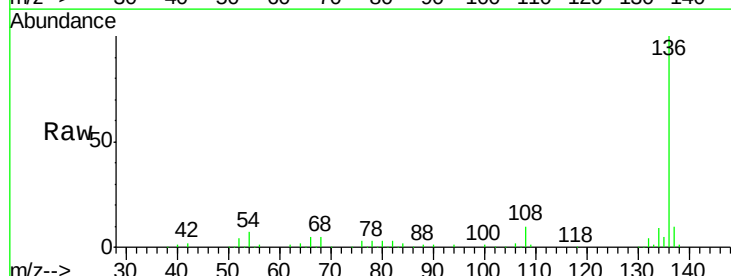
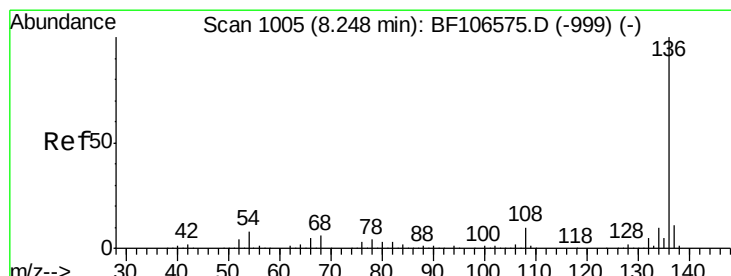
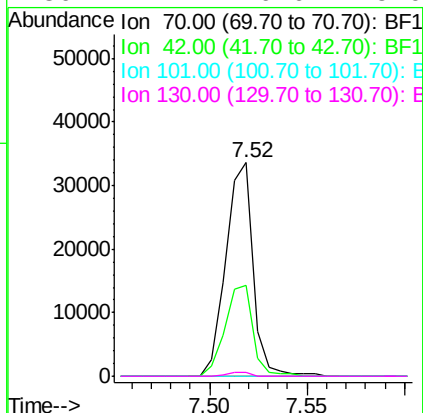




#19
n-Nitroso-di-n-propylamine
Concen: 11.485 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

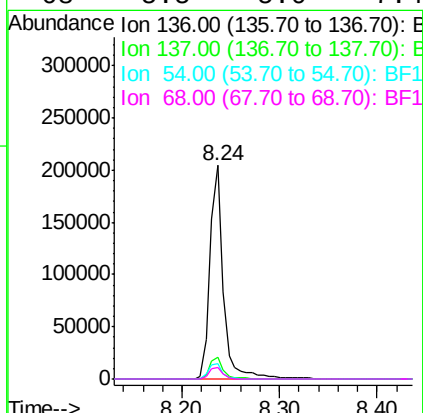
Instrument :
BNA_F
ClientSampled :
DFTPP

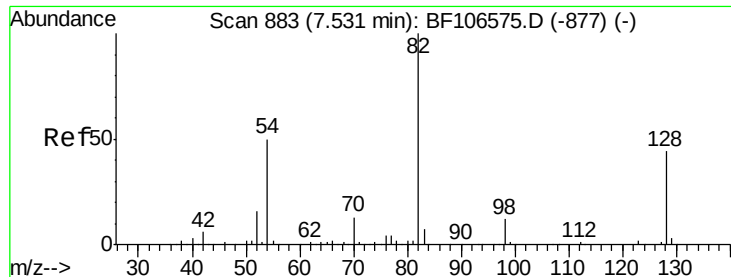
Tgt Ion:	70	Resp:	32492
Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Tgt Ion:	136	Resp:	195013
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4

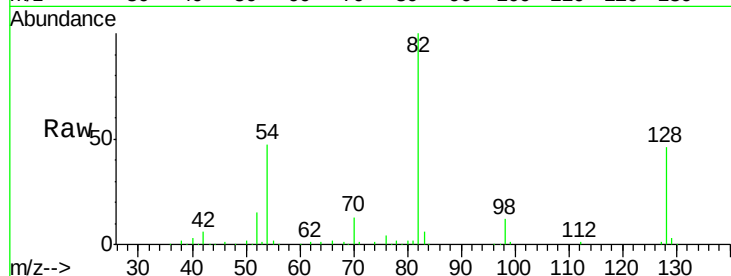




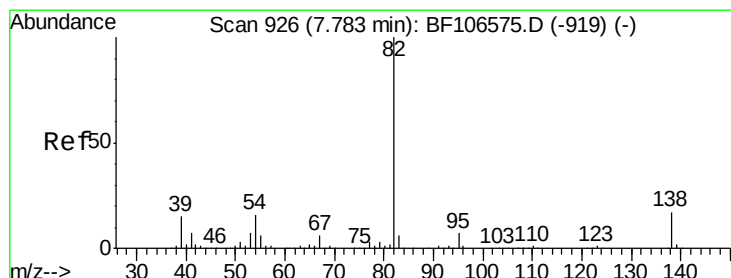
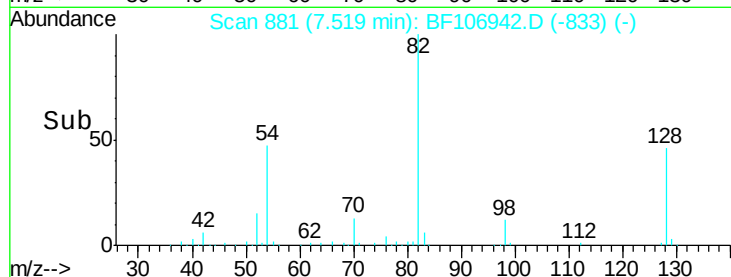
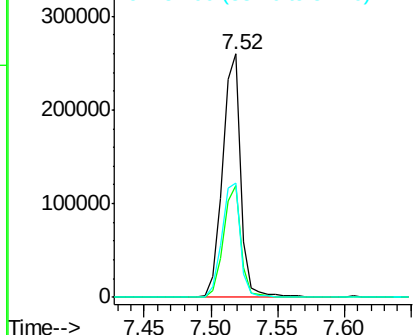
#23
Nitrobenzene-d5
Concen: 71.569 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 251142
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 47.2 41.4 62.2

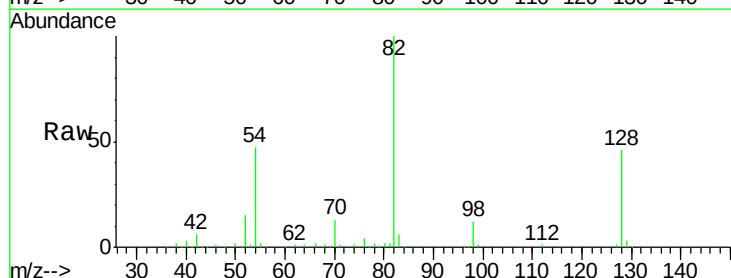


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

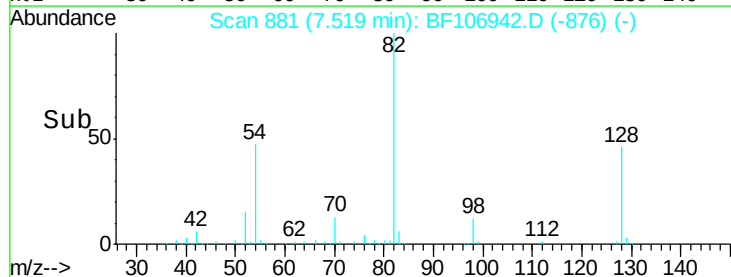
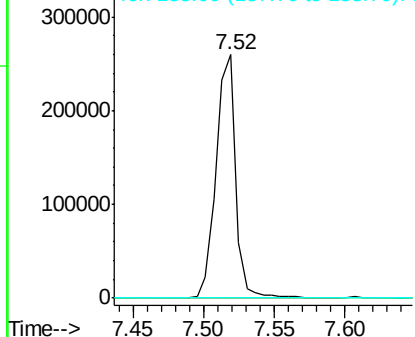


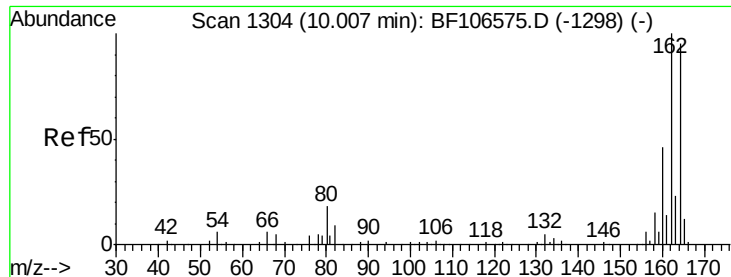
#25
Isophorone
Concen: 40.614 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Tgt Ion: 82 Resp: 251138
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

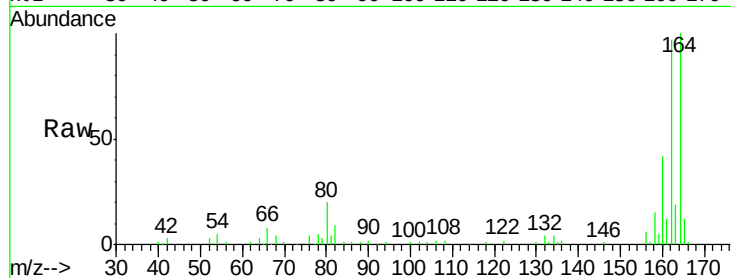




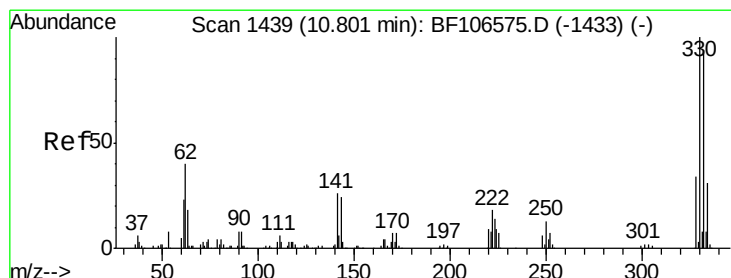
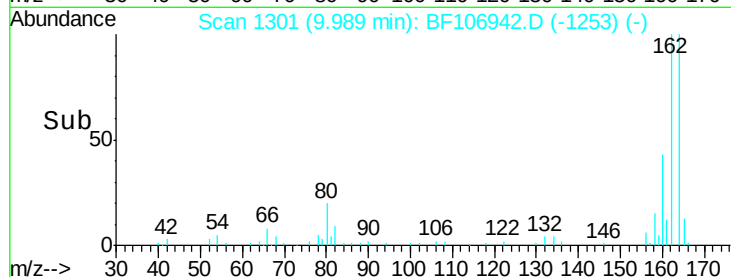
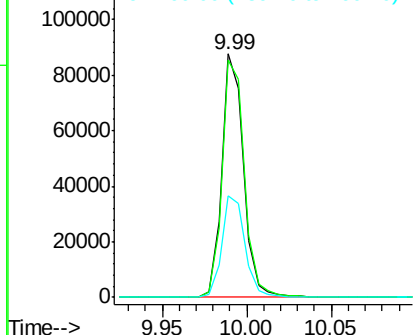
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 78461
 Ion Ratio Lower Upper
 164 100
 162 97.3 86.1 129.1
 160 41.9 38.3 57.5

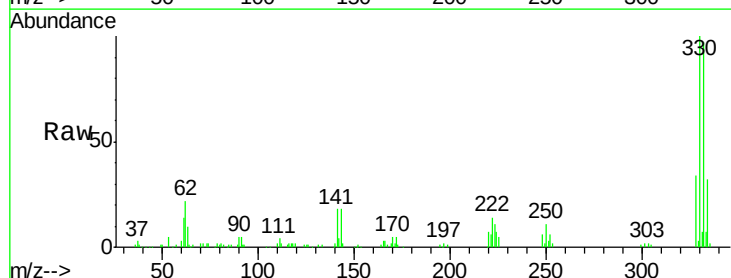


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

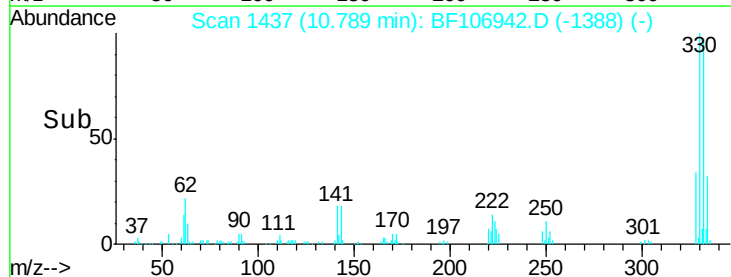
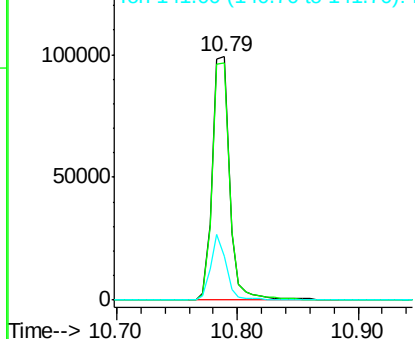


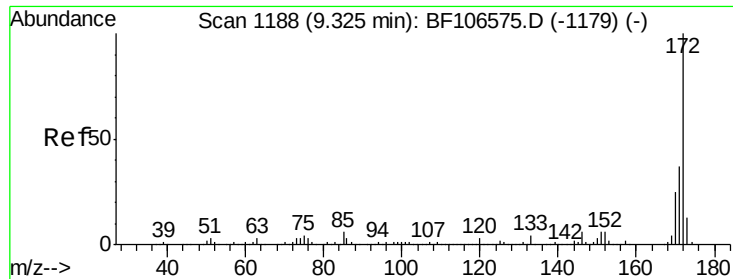
#41
 2,4,6-Tribromophenol
 Concen: 107.815 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Tgt Ion:330 Resp: 98045
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 23.9 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

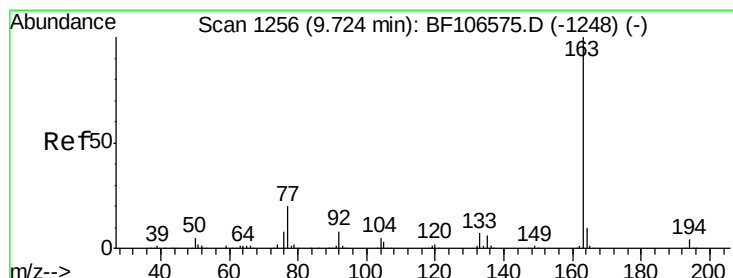
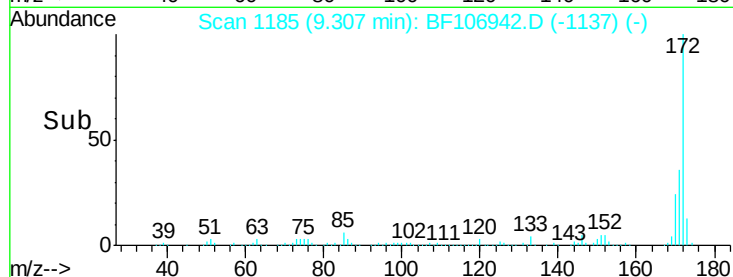
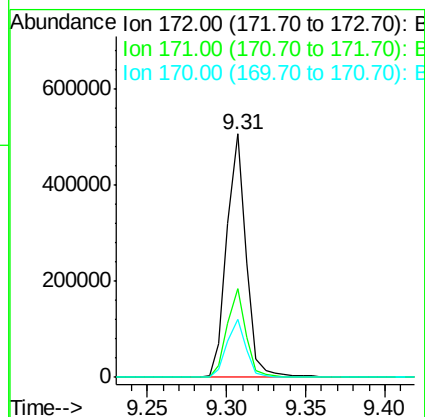
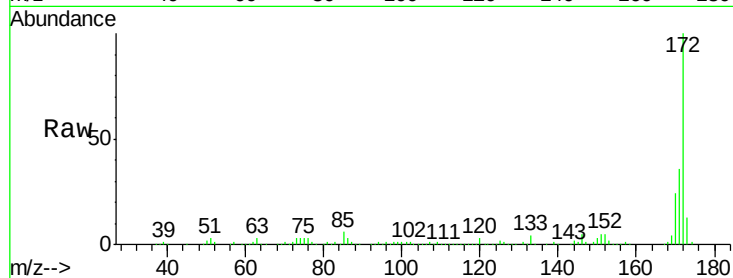




#44
 2-Fluorobiphenyl
 Concen: 94.651 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

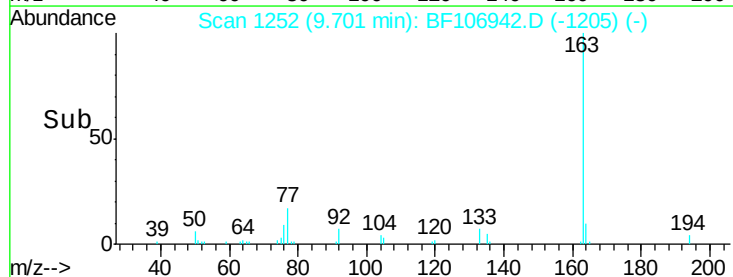
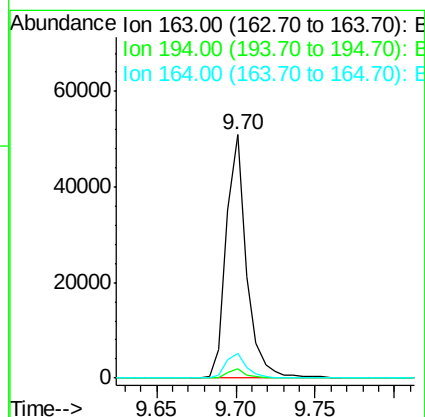
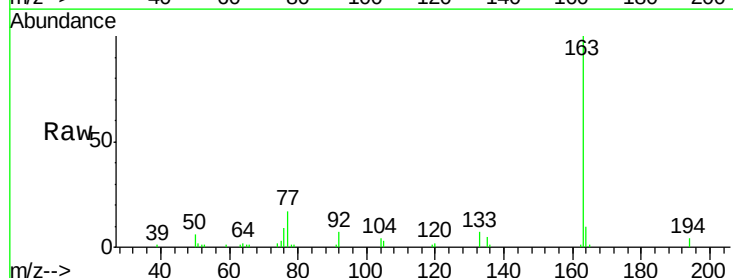
Instrument :
 BNA_F
 ClientSampleId :
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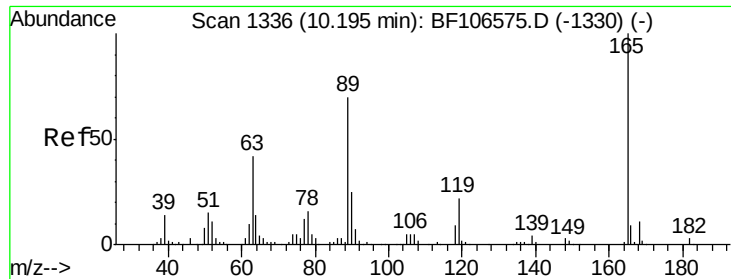
Tgt Ion:172 Resp: 430986
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.667 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Tgt Ion:163 Resp: 45117
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.1 8.2 12.2

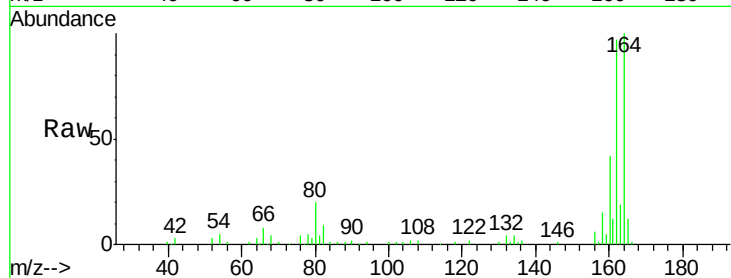




#56
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

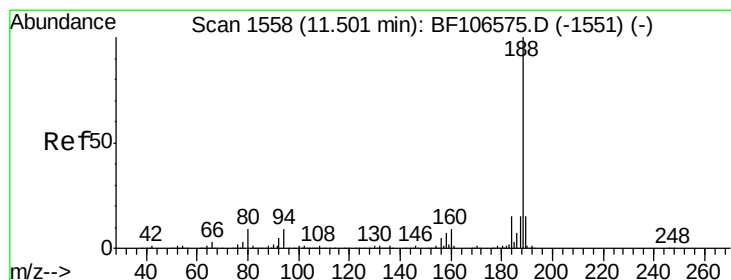
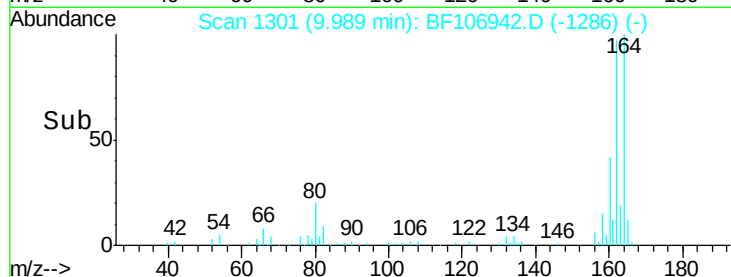
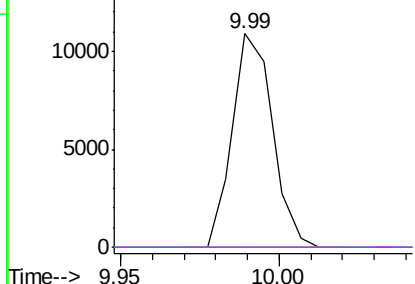


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

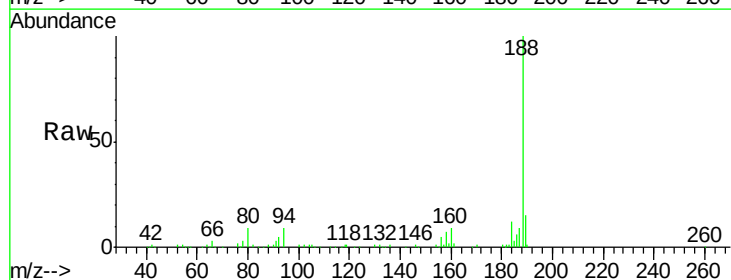
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

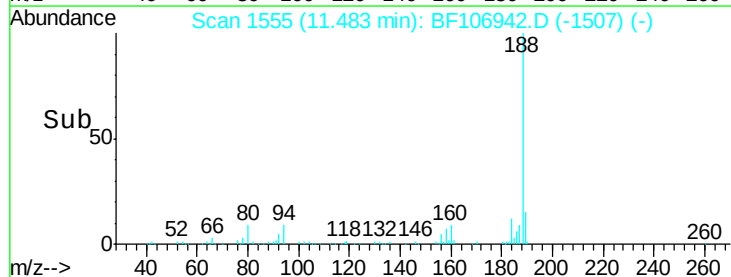
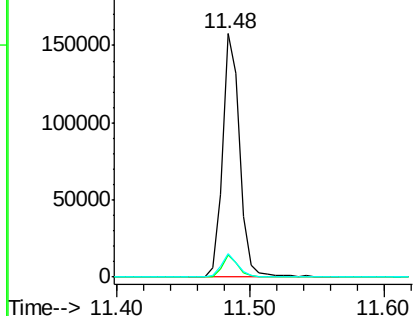
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

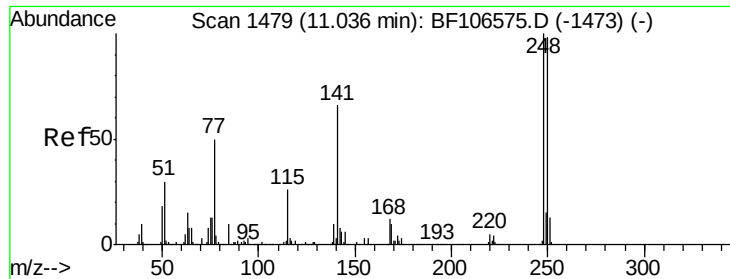


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

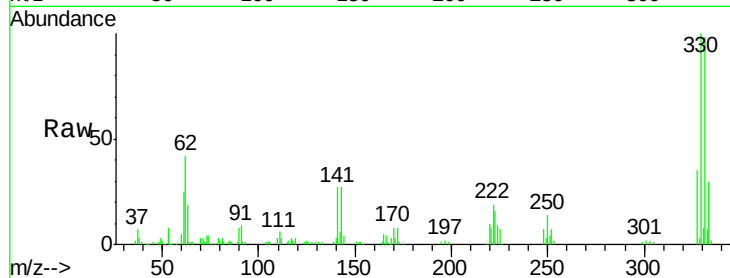




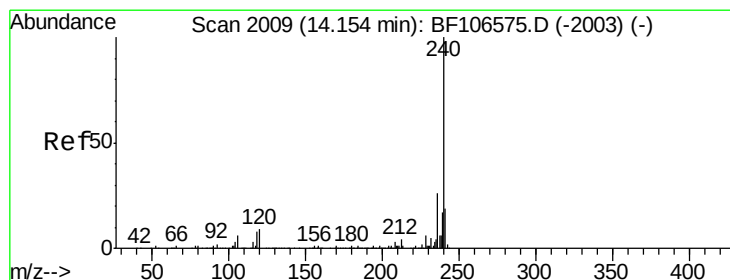
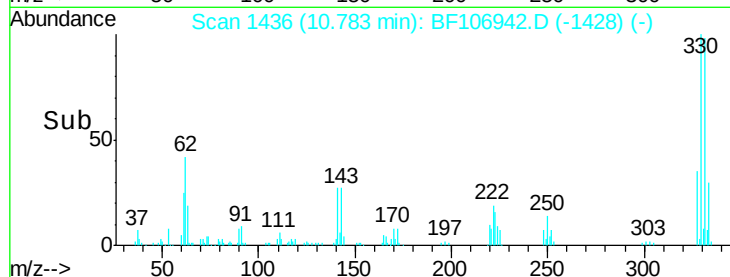
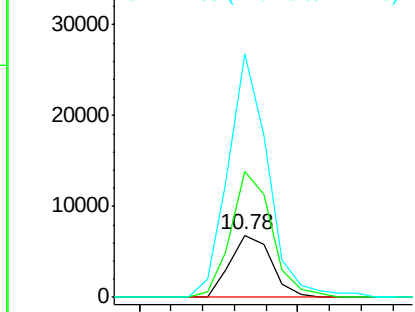
#66
4-Bromophenyl-phenylether
Concen: 3.591 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 6164
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 389.6 74.4 111.6#

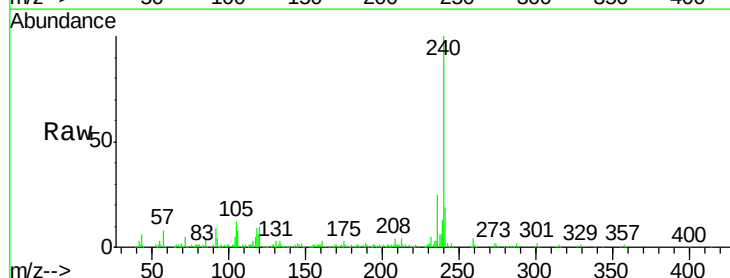


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

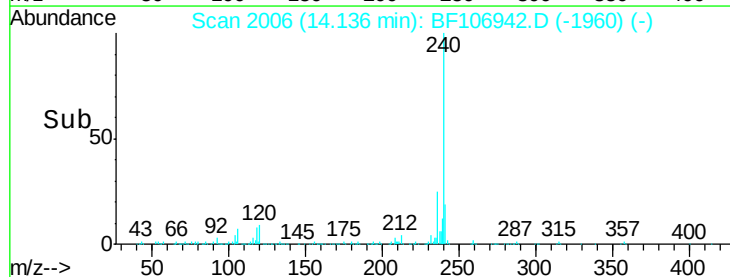
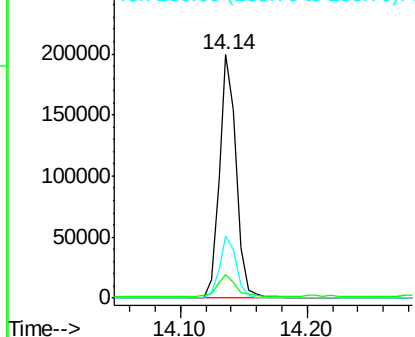


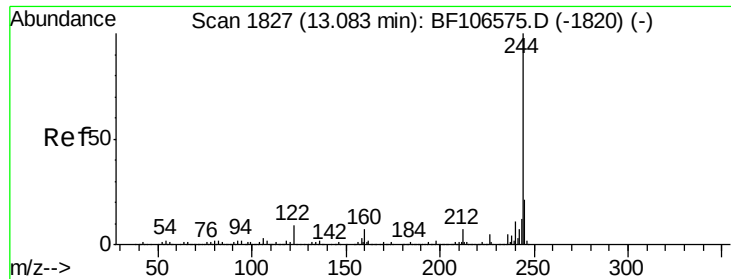
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Tgt Ion:240 Resp: 185391
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.4 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

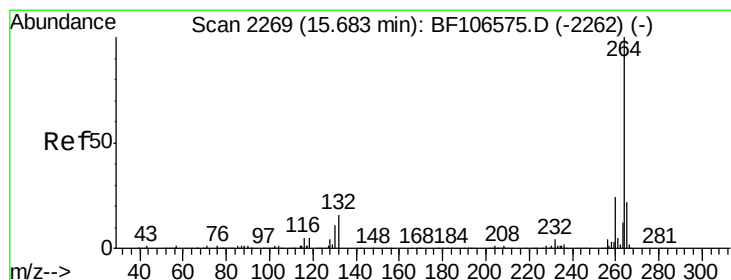
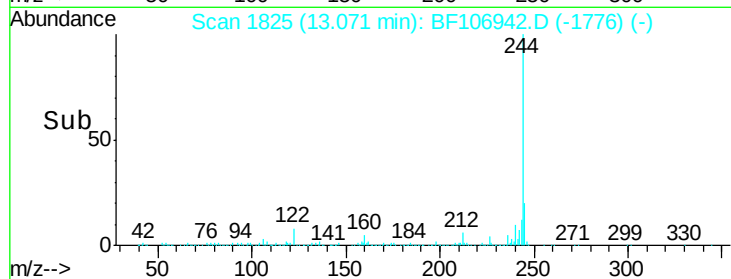
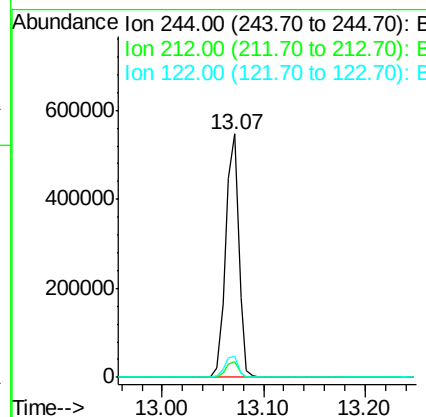
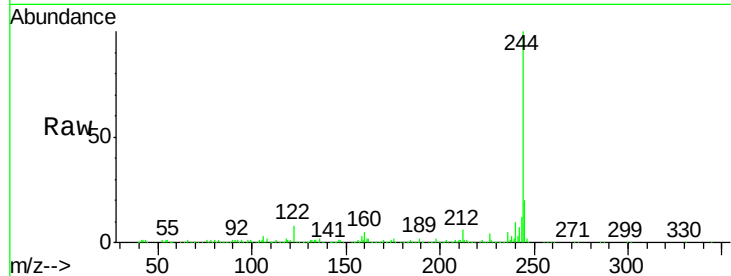




#78
 Terphenyl-d14
 Concen: 64.295 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:244 Resp: 492085
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Tgt Ion:264 Resp: 177718
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.5 26.3

