

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106643.D
 Acq On : 21 Jun 2018 1:56
 Operator : JU/SJ
 Sample : J3575-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Quant Time: Jun 21 04:22:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

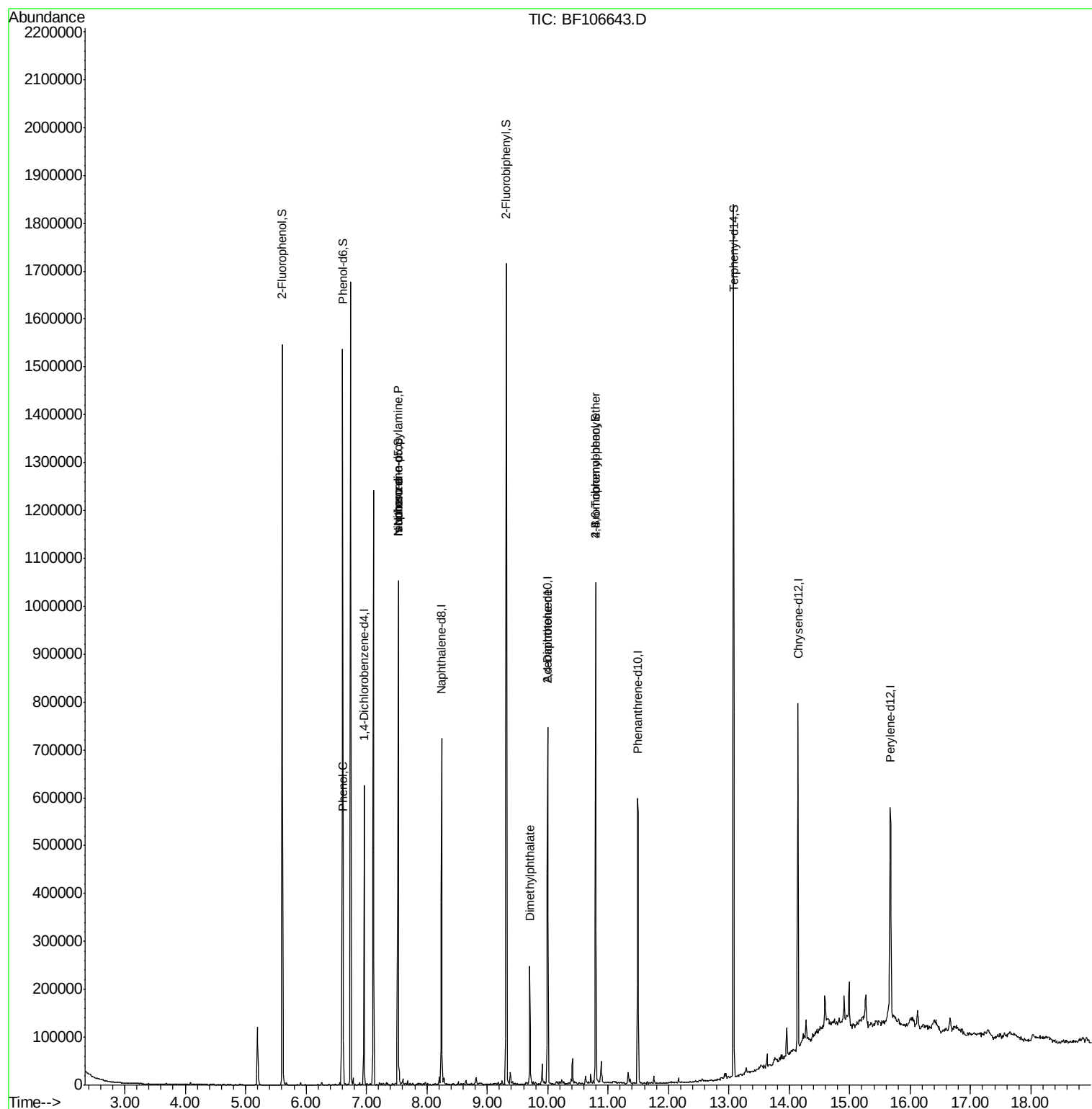
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81357	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	300621	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136903	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	235200	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	254681	20.00	ng	-0.01
86) Perylene-d12	15.67	264	211202	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	424881	88.43	ng	0.00
7) Phenol-d6	6.61	99	521725	86.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	334620	61.86	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	142756	89.97	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	552726	64.84	ng	-0.01
78) Terphenyl-d14	13.08	244	620975	59.06	ng	0.00
Target Compounds						
10) Phenol	6.62	94	14089	2.058	ng	97
19) n-Nitroso-di-n-propylamine	7.52	70	44459	11.241	ng	# 73
25) Isophorone	7.52	82	334615	35.104	ng	# 64
49) Dimethylphthalate	9.71	163	84050	8.186	ng	99
56) 2,4-Dinitrotoluene	10.00	165	17354	6.115	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	9327	3.323	ng	# 1

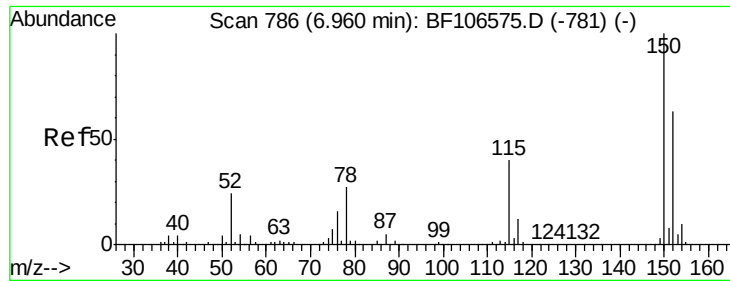
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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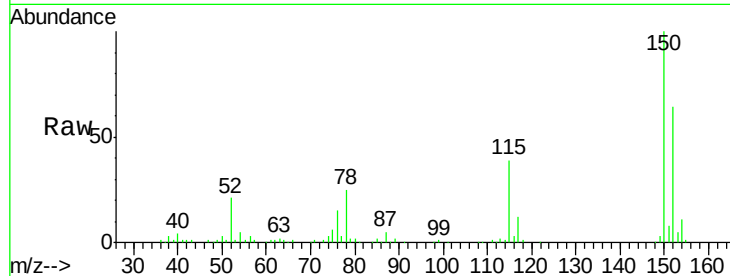


#1

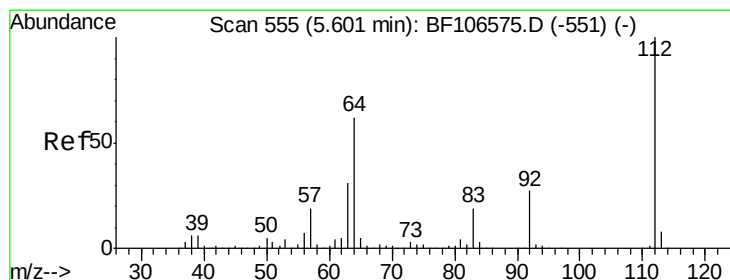
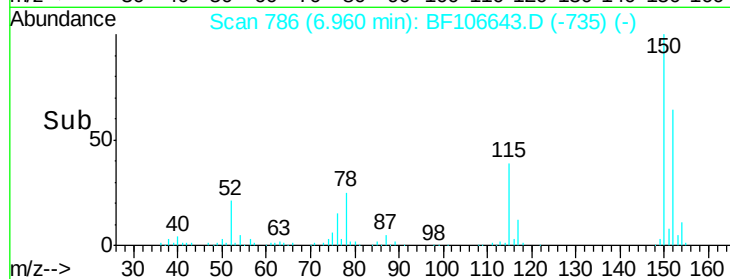
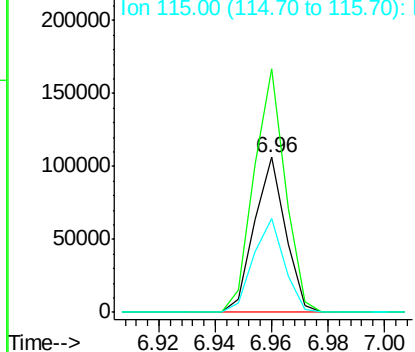
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tgt Ion:152 Resp: 81357
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.9 50.1 75.1



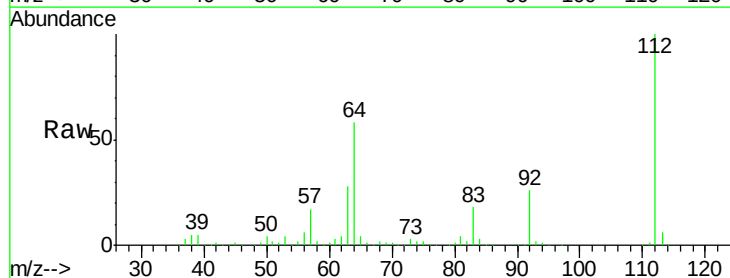
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



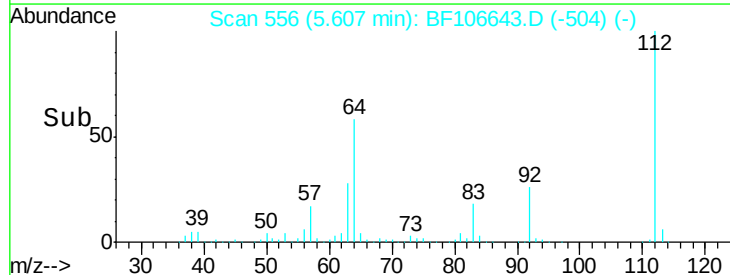
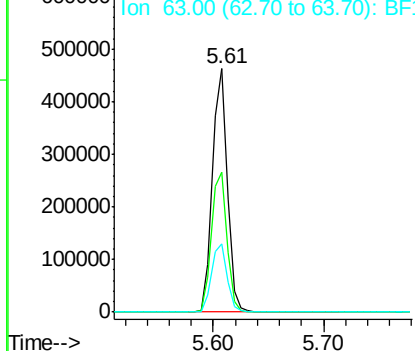
#5

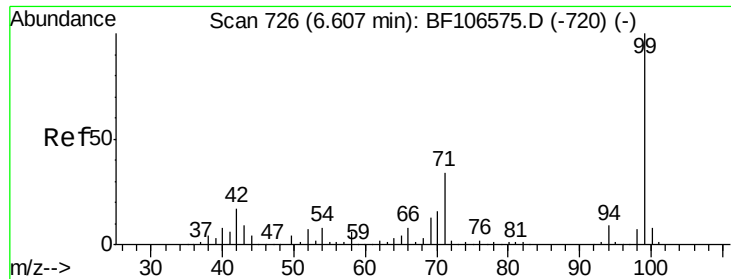
2-Fluorophenol
Concen: 88.432 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Tgt Ion:112 Resp: 424881
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.2 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: 86.954 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106643.D

Acq: 21 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

TP-11-D

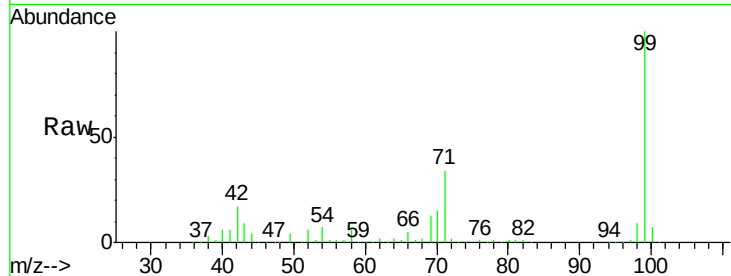
Tgt Ion: 99 Resp: 521725

Ion Ratio Lower Upper

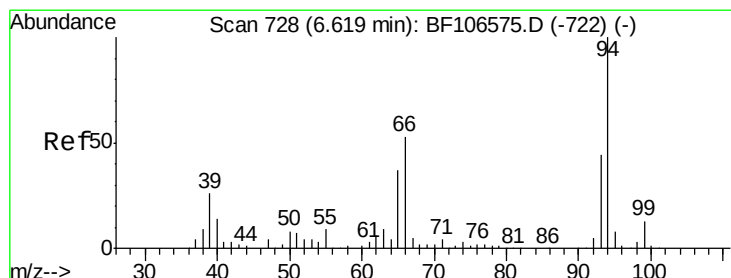
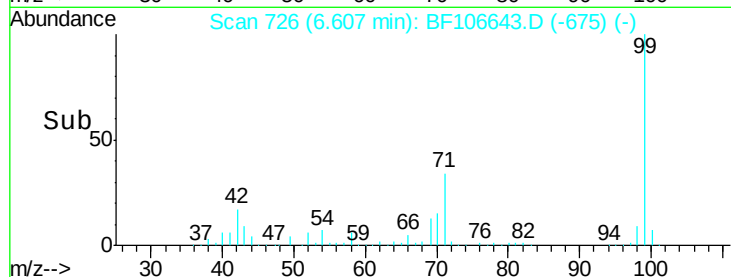
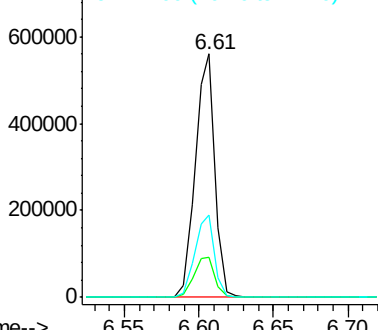
99 100

42 16.6 14.5 21.7

71 33.6 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



#10

Phenol

Concen: 2.058 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106643.D

Acq: 21 Jun 2018 1:56

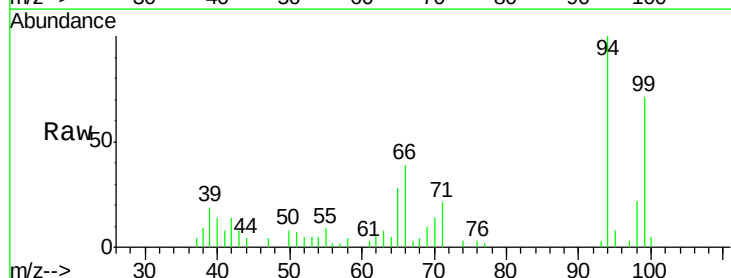
Tgt Ion: 94 Resp: 14089

Ion Ratio Lower Upper

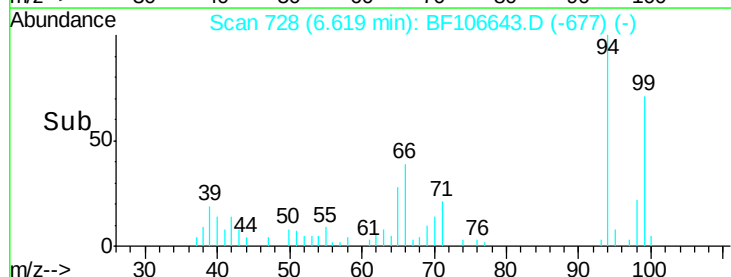
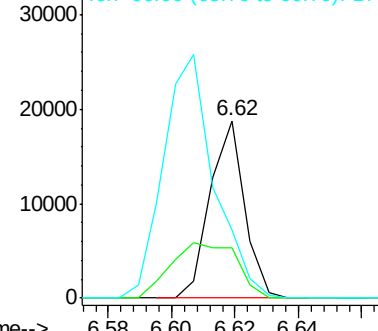
94 100

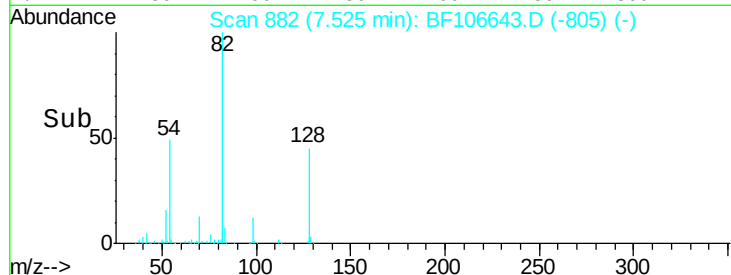
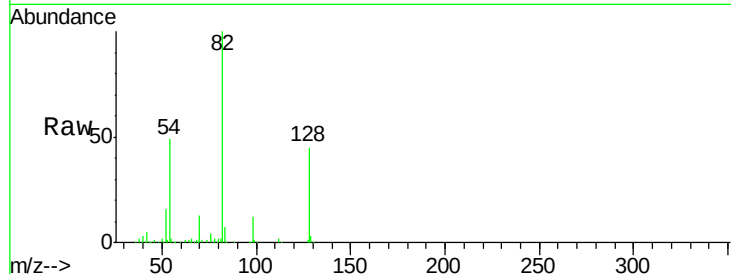
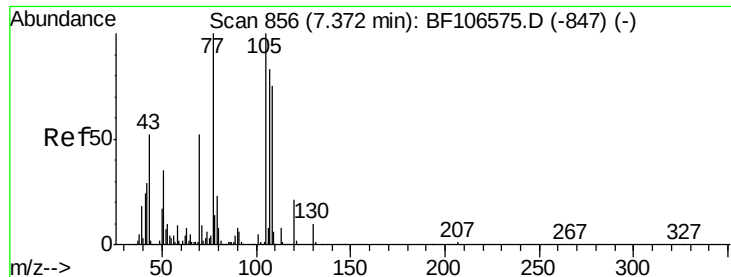
65 28.1 7.9 47.9

66 38.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

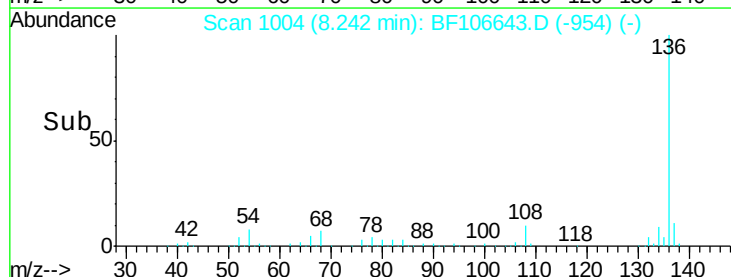
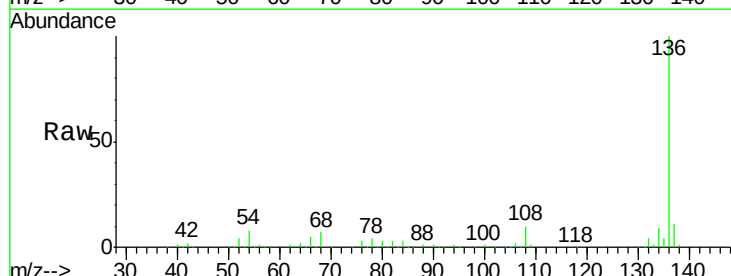
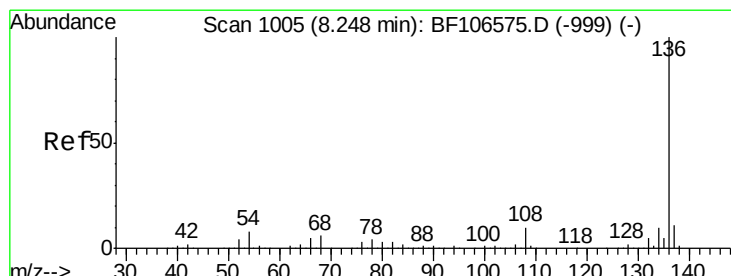
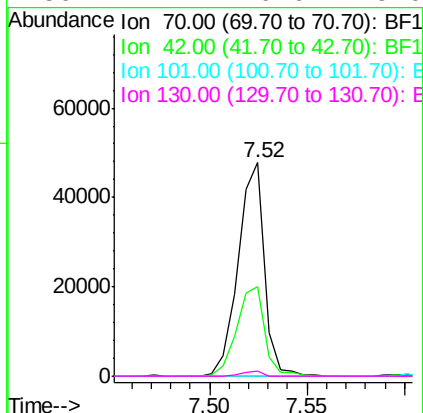




#19
n-Nitroso-di-n-propylamine
Concen: 11.241 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

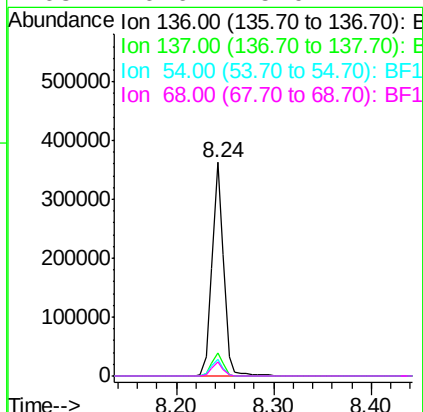
Instrument :
BNA_F
ClientSampleId :
TP-11-D

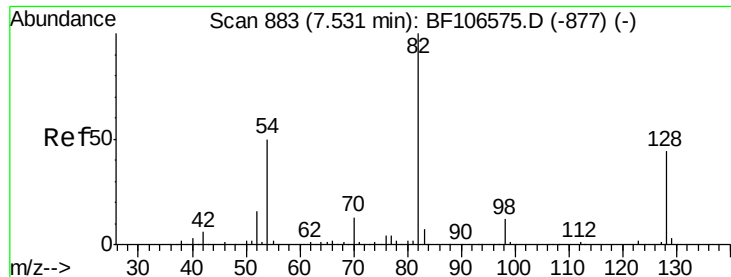
Tgt Ion: 70 Resp: 44459
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Tgt Ion: 136 Resp: 300621
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.1 6.6 9.8
68 6.6 5.0 7.4

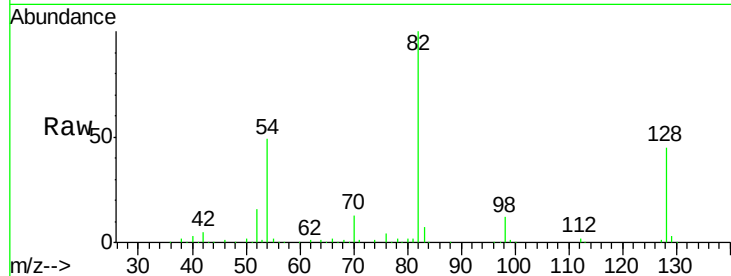




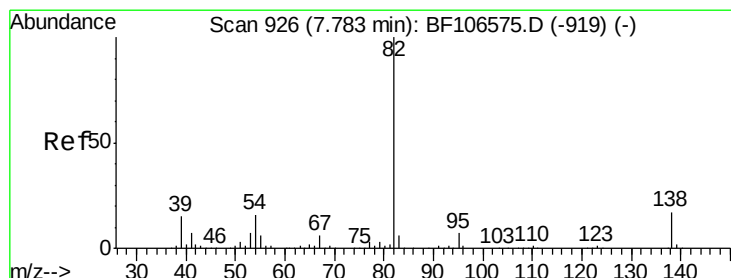
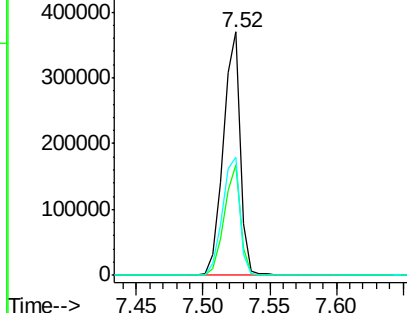
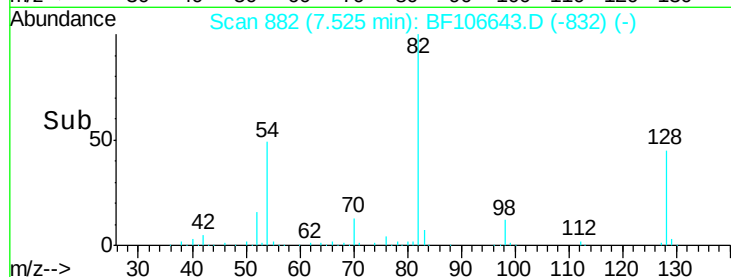
#23
 Nitrobenzene-d5
 Concen: 61.859 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

Instrument :
 BNA_F
 ClientSampleID :
 TP-11-D

Tgt Ion: 82 Resp: 334620
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 48.5 41.4 62.2

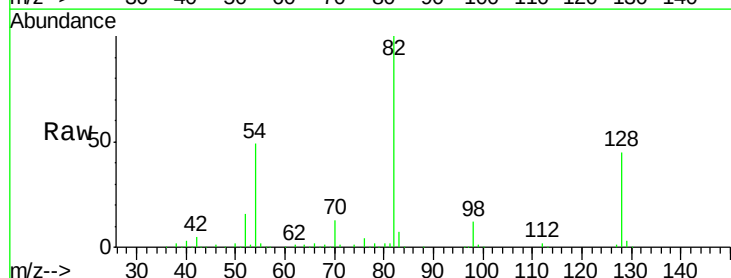


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

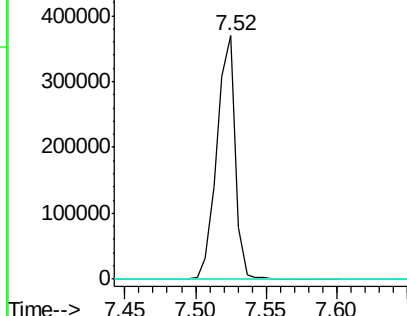
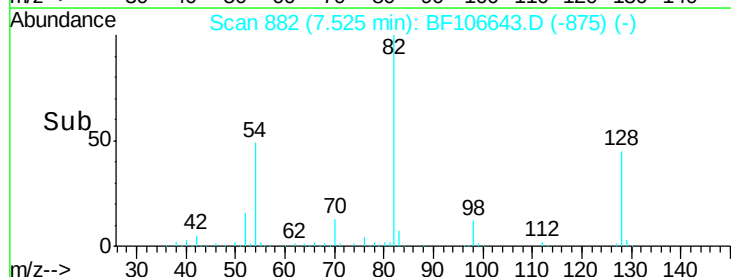


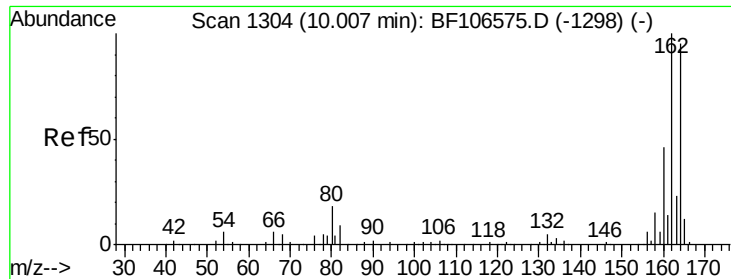
#25
 Isophorone
 Concen: 35.104 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

Tgt Ion: 82 Resp: 334615
 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

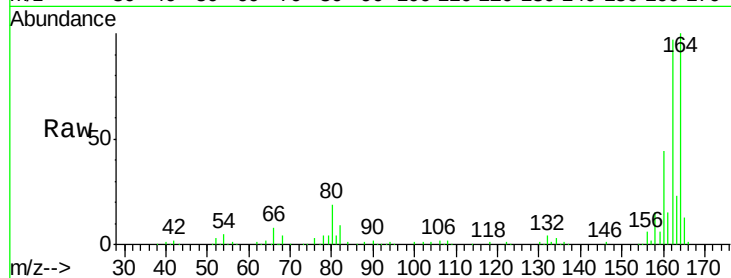




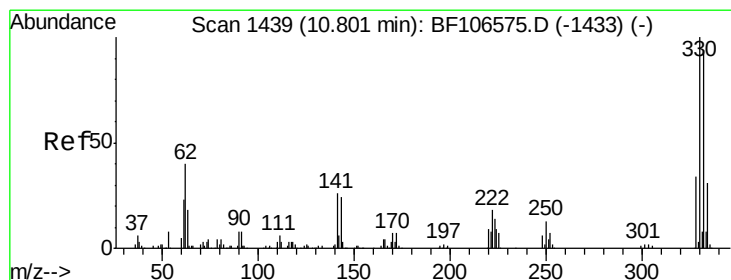
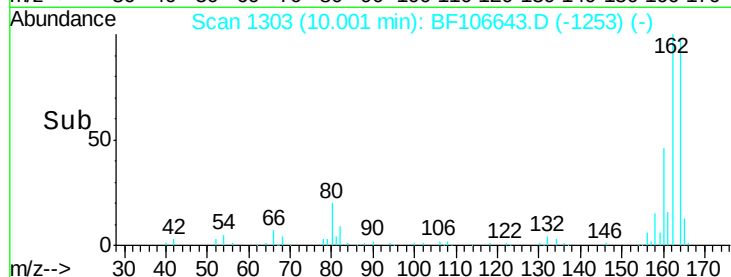
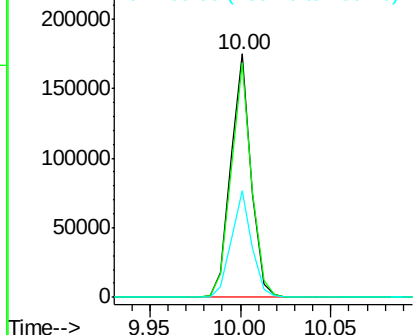
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tgt Ion:164 Resp: 136903
Ion Ratio Lower Upper
164 100
162 96.5 86.1 129.1
160 43.8 38.3 57.5

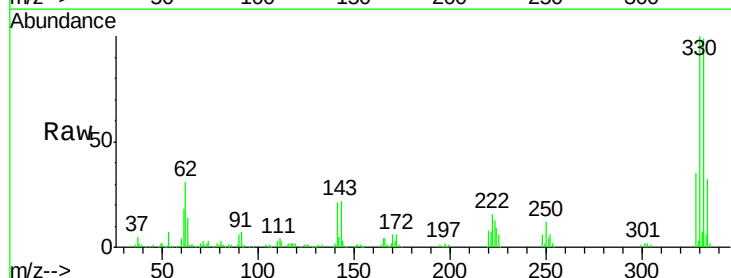


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

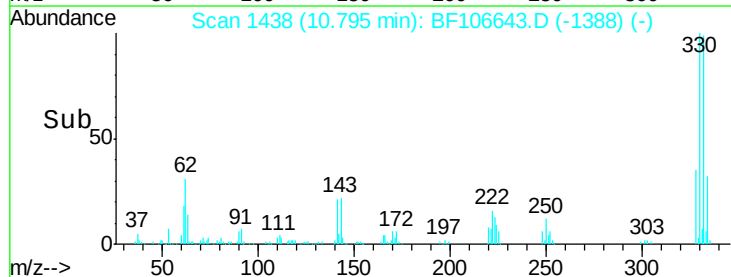
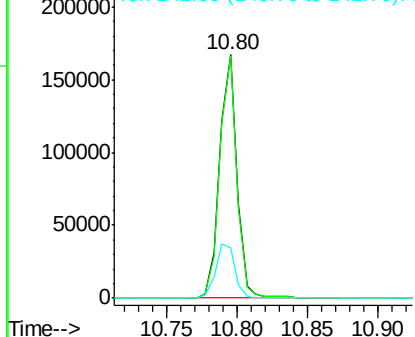


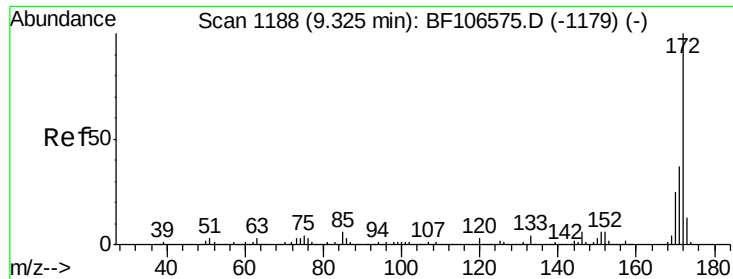
#41
2,4,6-Tribromophenol
Concen: 89.968 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Tgt Ion:330 Resp: 142756
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 25.1 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

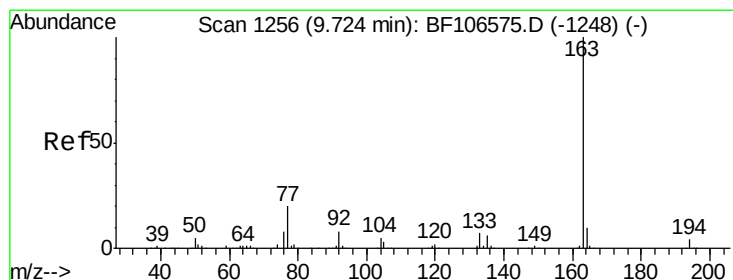
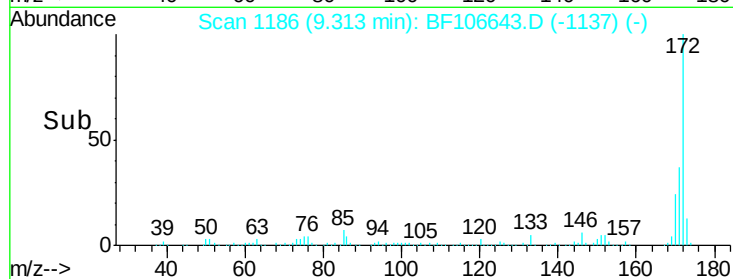
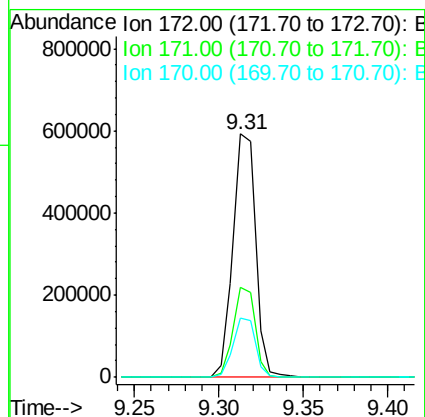
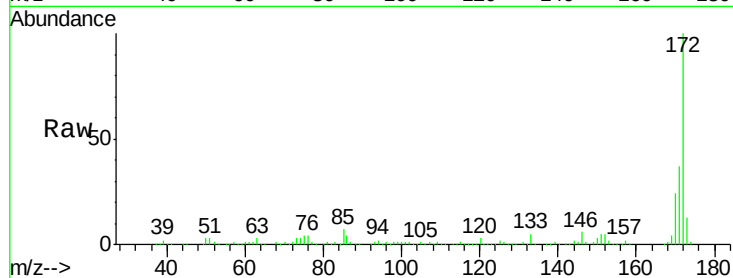




#44
 2-Fluorobiphenyl
 Concen: 64.838 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

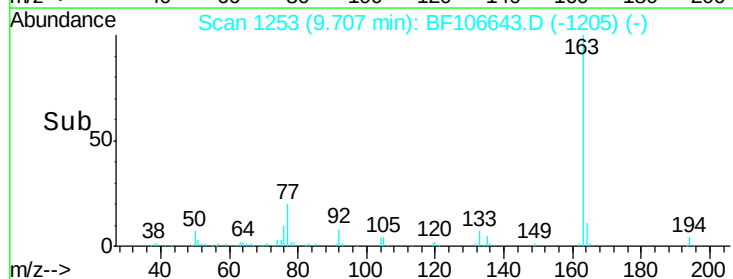
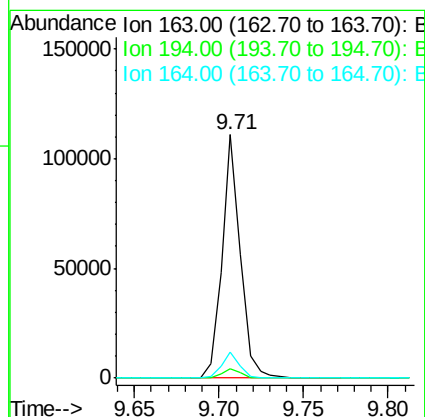
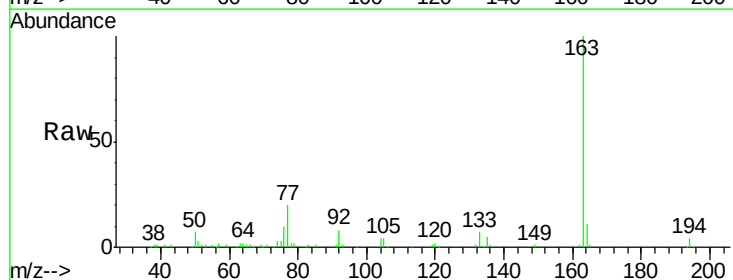
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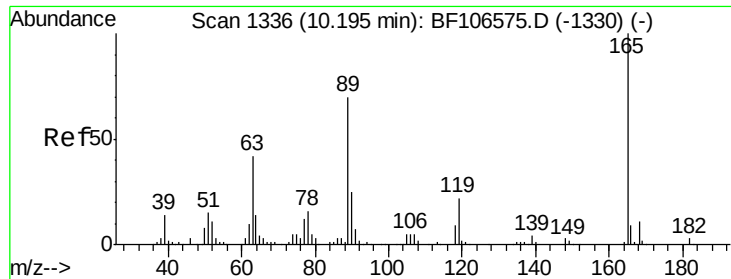
Tgt Ion:172 Resp: 552726
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 8.186 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

Tgt Ion:163 Resp: 84050
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.6 8.2 12.2

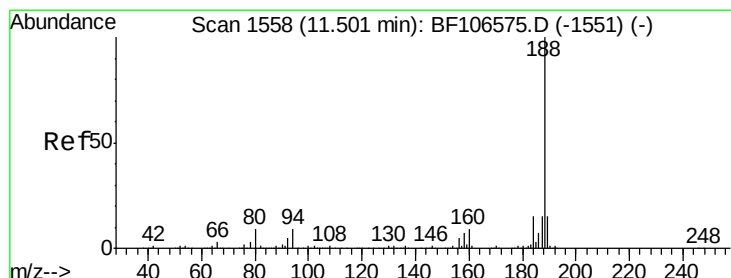
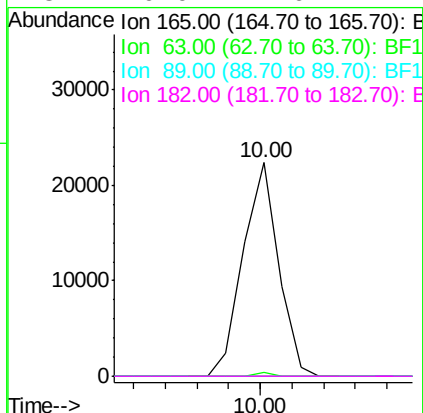
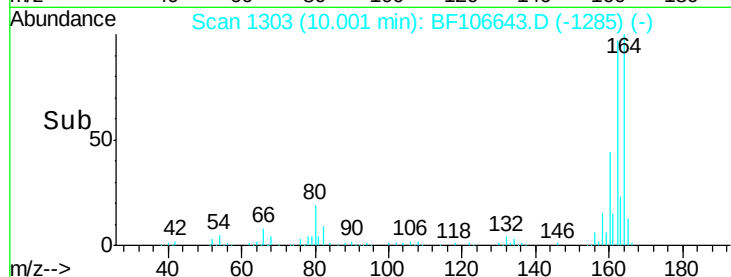
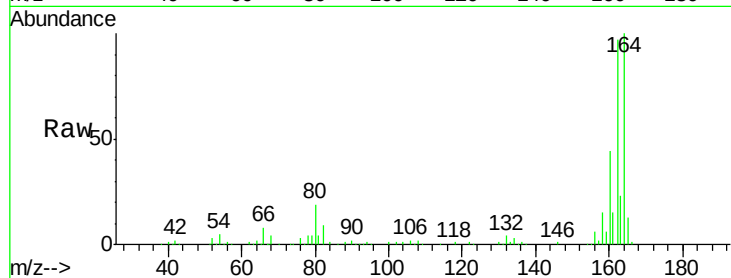




#56
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

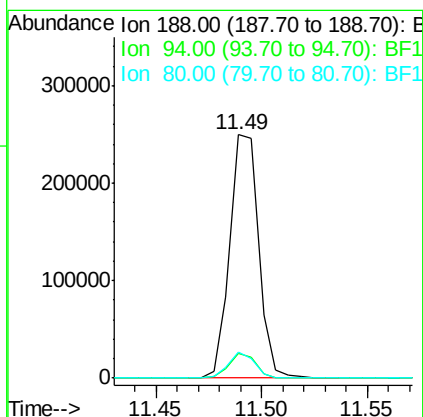
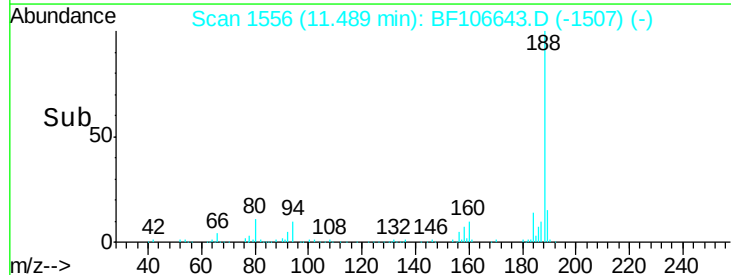
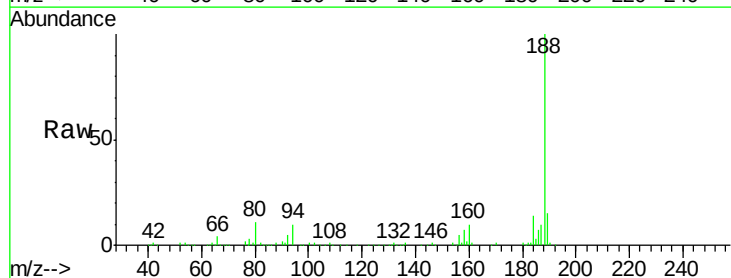
Instrument :
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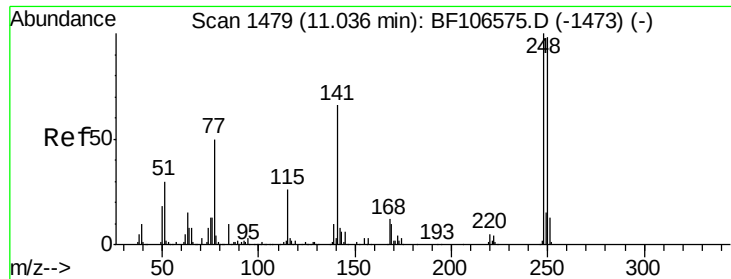
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.8	9.2	13.8

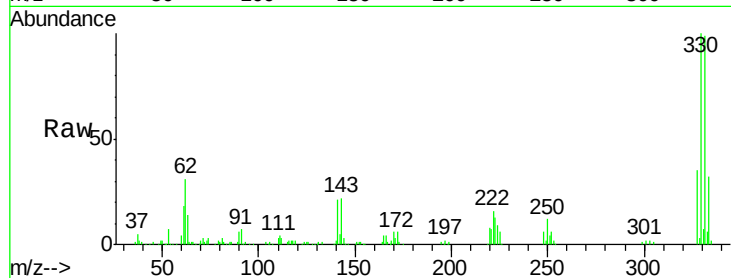




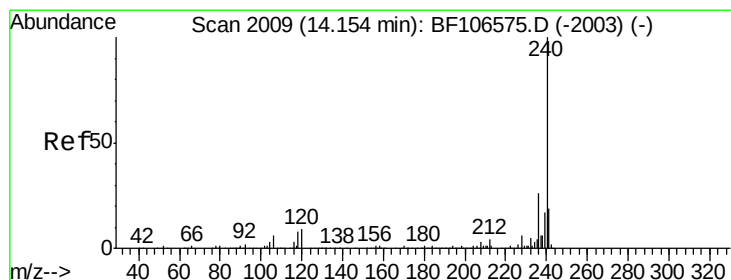
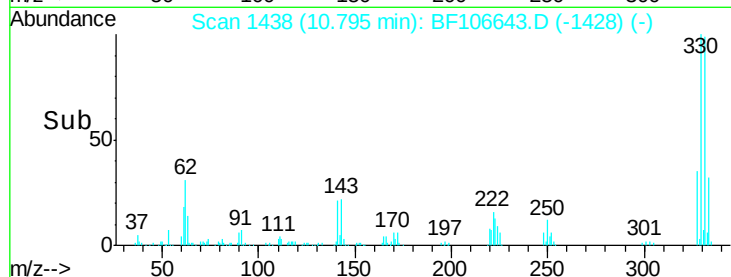
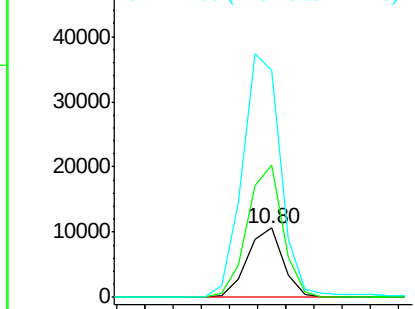
#66
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tgt Ion:248 Resp: 9327
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 327.8 74.4 111.6#

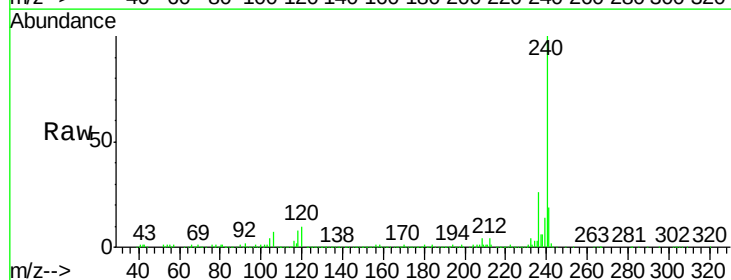


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

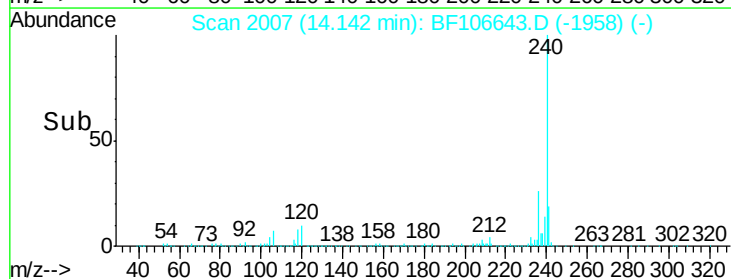
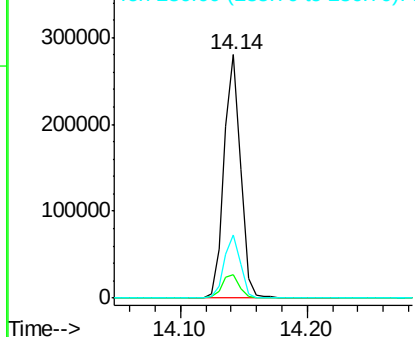


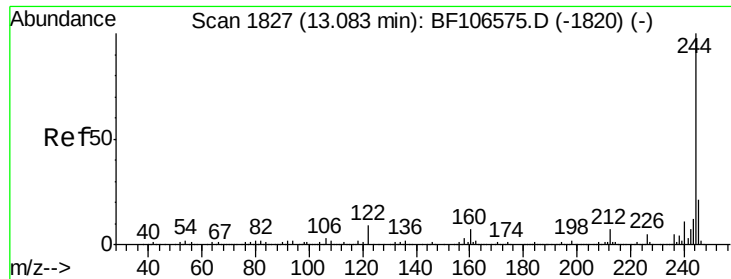
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106643.D
Acq: 21 Jun 2018 1:56

Tgt Ion:240 Resp: 254681
Ion Ratio Lower Upper
240 100
120 9.8 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

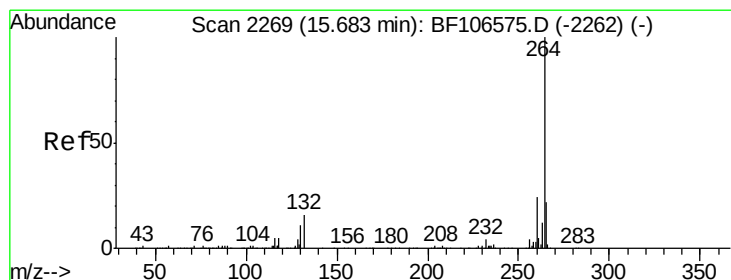
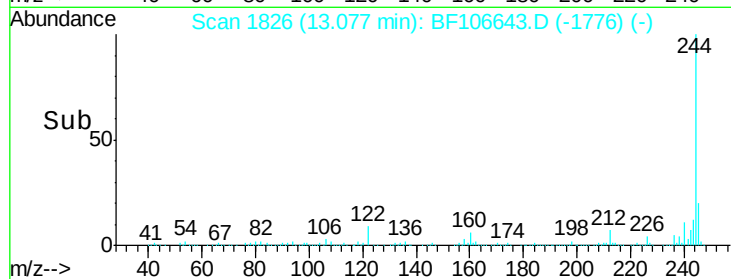
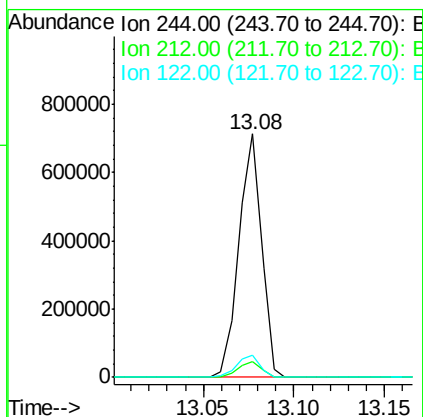
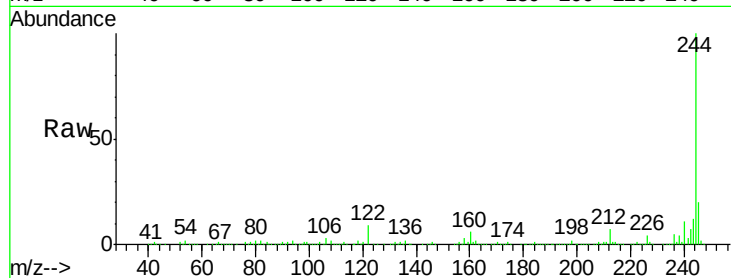




#78
 Terphenyl-d14
 Concen: 59.062 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Tgt Ion:244 Resp: 620975
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF106643.D
 Acq: 21 Jun 2018 1:56

Tgt Ion:264 Resp: 211202
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.5 26.3

