

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106645.D
 Acq On : 21 Jun 2018 2:49
 Operator : JU/SJ
 Sample : J3554-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-3(5.0)

Quant Time: Jun 21 04:23:15 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

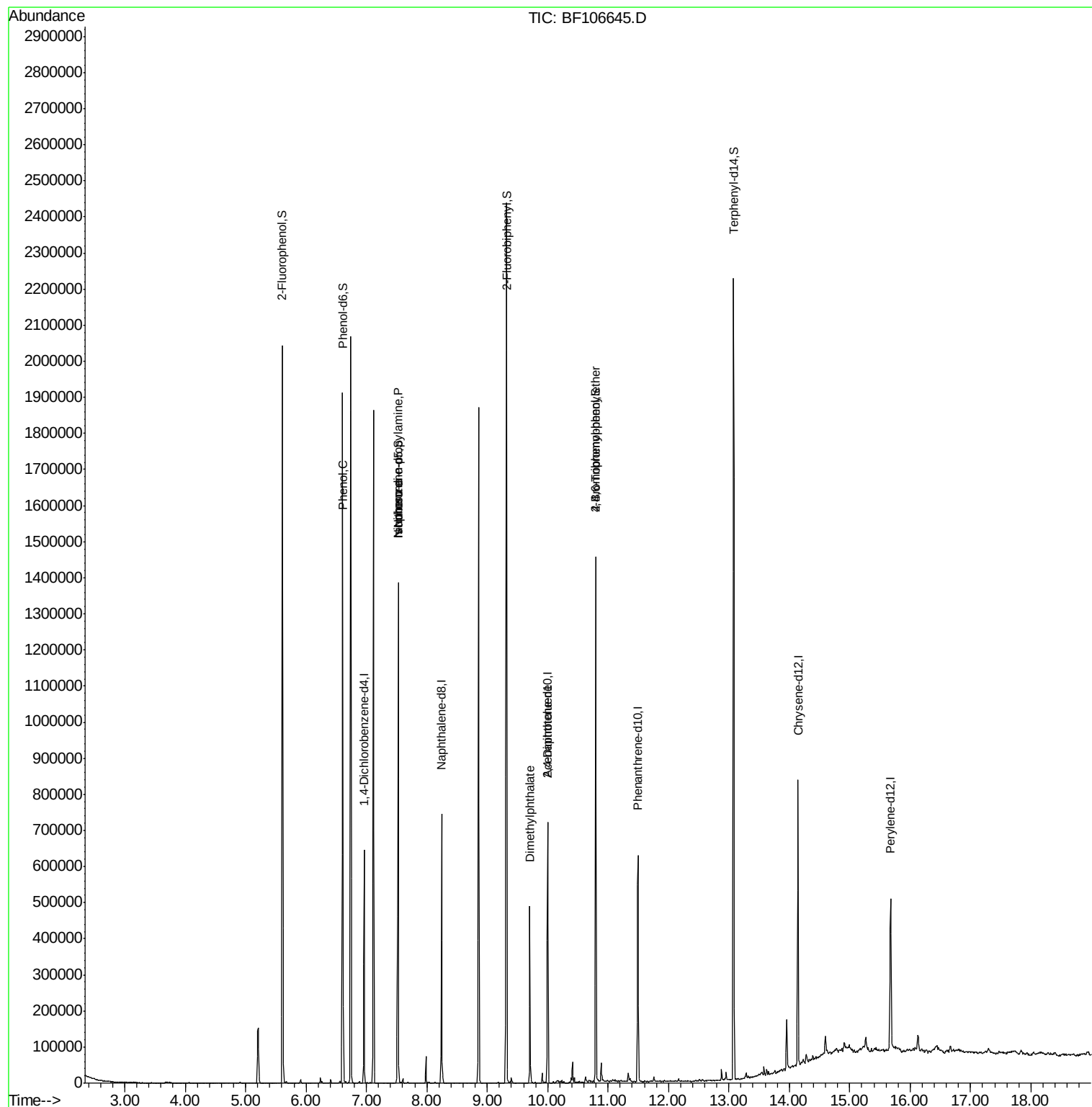
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83780	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	302069	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	139139	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	239282	20.00	ng	0.00
75) Chrysene-d12	14.14	240	257062	20.00	ng	-0.01
86) Perylene-d12	15.68	264	202450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	577132	116.65	ng	0.00
7) Phenol-d6	6.61	99	727546	117.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	481305	88.55	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	197396	122.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	782483	97.33	ng	0.00
78) Terphenyl-d14	13.08	244	826825	77.91	ng	0.00
Target Compounds						
10) Phenol	6.62	94	14255	2.022	ng	92
19) n-Nitroso-di-n-propylamine	7.52	70	64471	15.830	ng	# 74
25) Isophorone	7.52	82	481300	50.250	ng	# 64
49) Dimethylphthalate	9.71	163	180294	17.277	ng	97
56) 2,4-Dinitrotoluene	10.00	165	17255	5.982	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	12398	4.341	ng	# 1

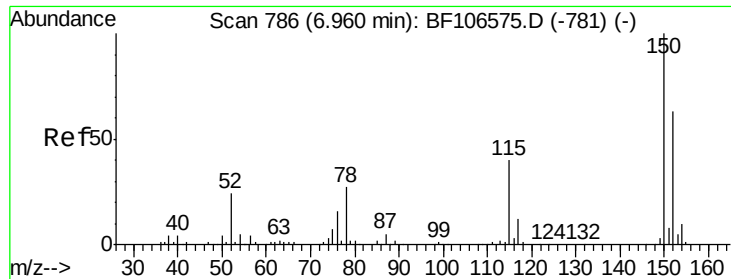
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A-3(5.0)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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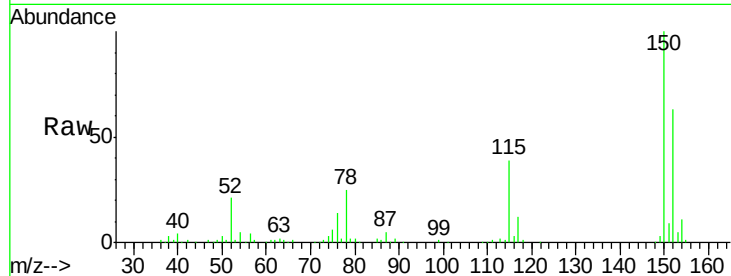


#1

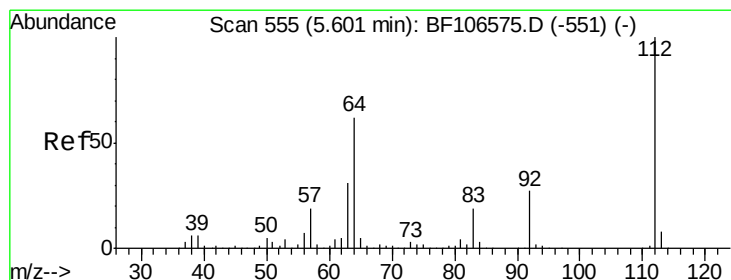
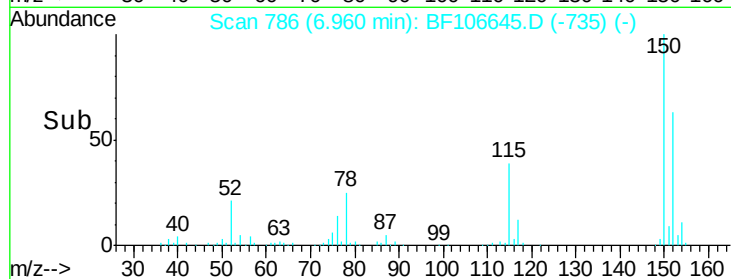
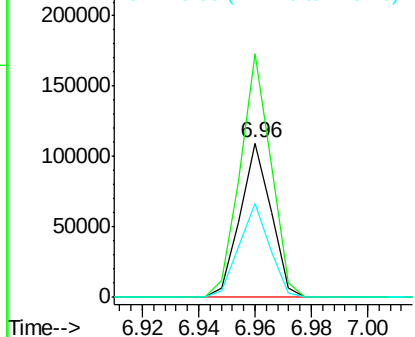
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Instrument :
BNA_F
ClientSampled :
A-3(5.0)

Tgt Ion:152 Resp: 83780
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.1 50.1 75.1



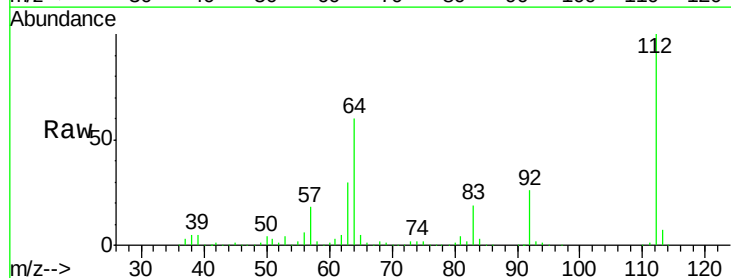
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



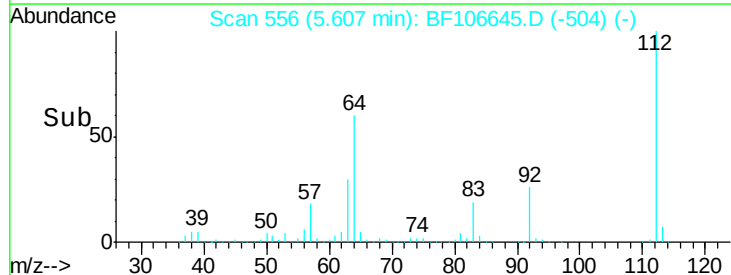
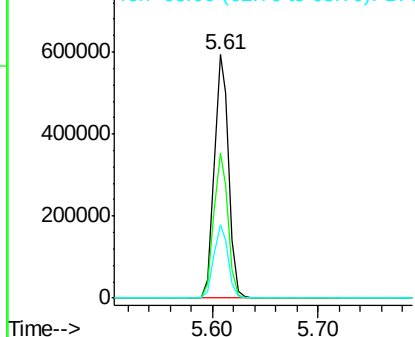
#5

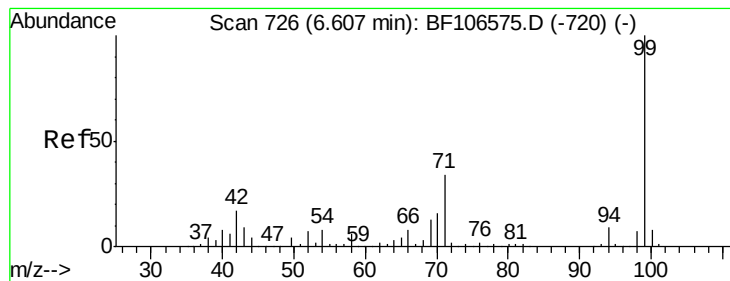
2-Fluorophenol
Concen: 116.647 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Tgt Ion:112 Resp: 577132
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.0 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: 117.751 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106645.D

Acq: 21 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

A-3(5.0)

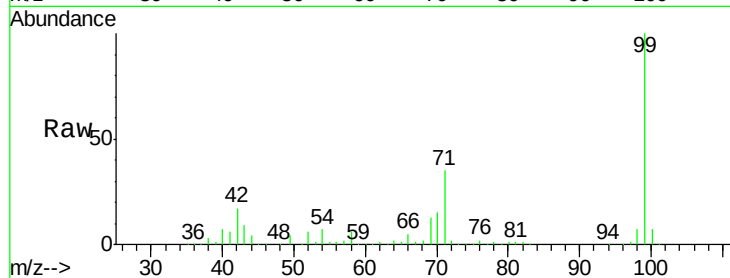
Tgt Ion: 99 Resp: 727546

Ion Ratio Lower Upper

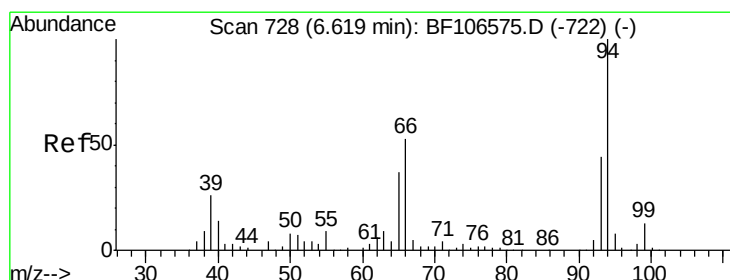
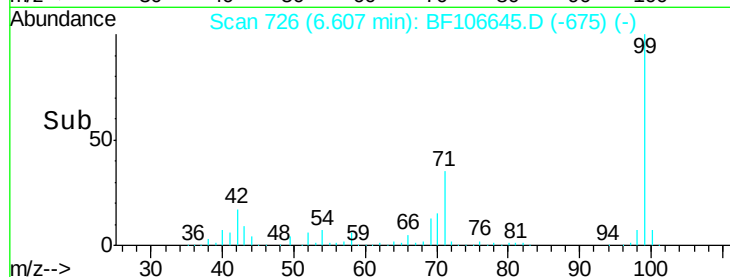
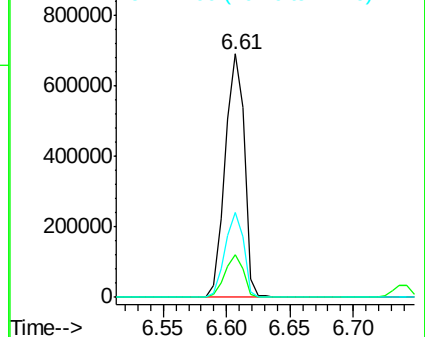
99 100

42 17.3 14.5 21.7

71 35.1 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: 2.022 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106645.D

Acq: 21 Jun 2018 2:49

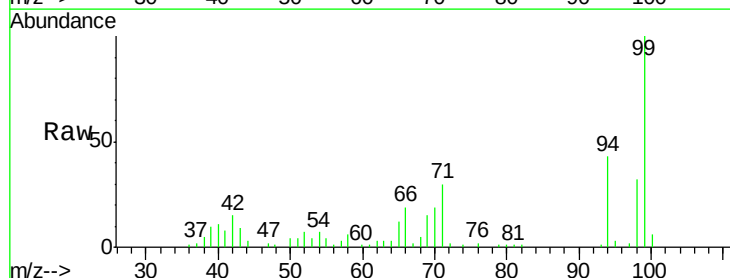
Tgt Ion: 94 Resp: 14255

Ion Ratio Lower Upper

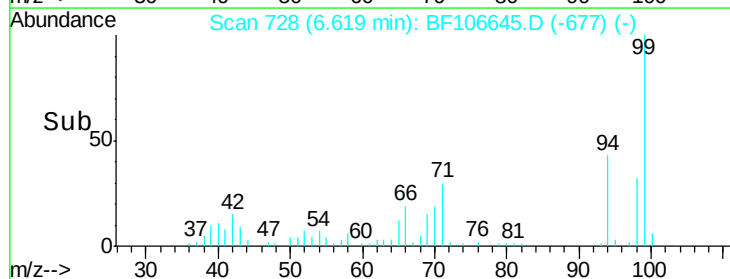
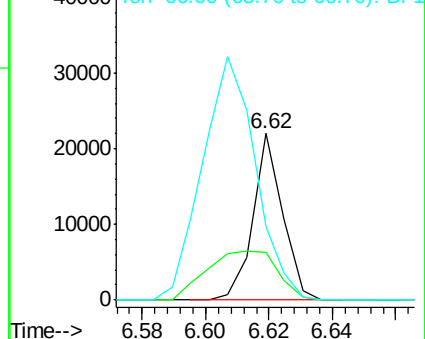
94 100

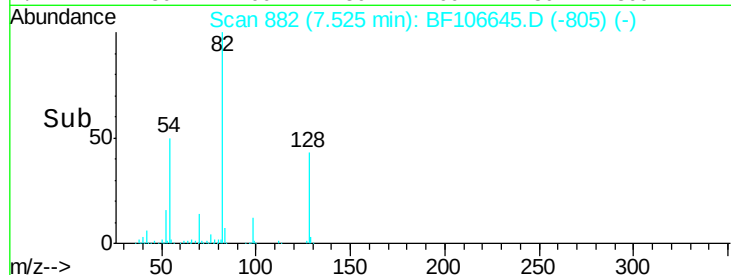
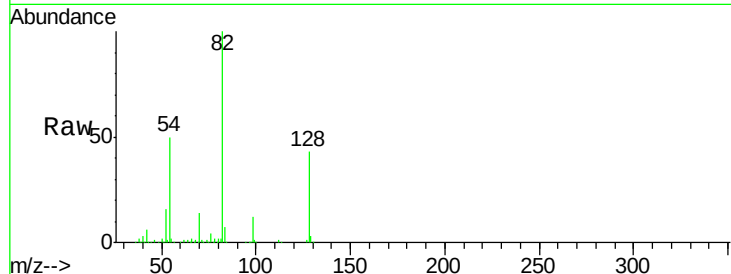
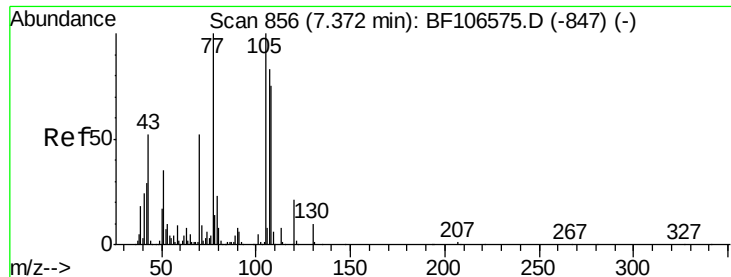
65 29.0 7.9 47.9

66 43.8 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

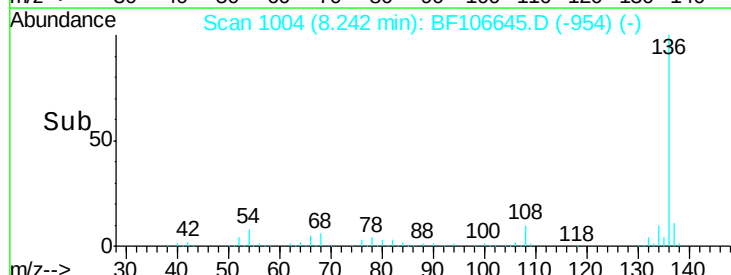
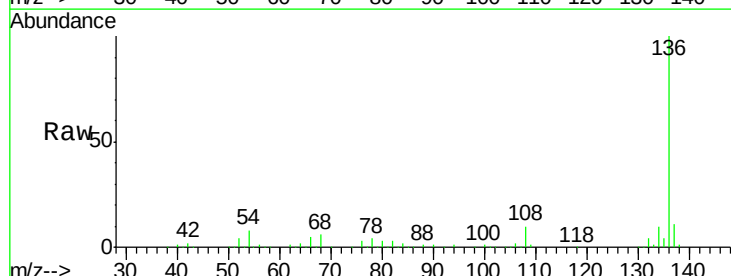
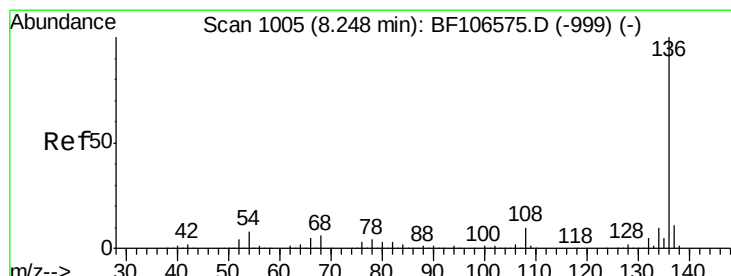
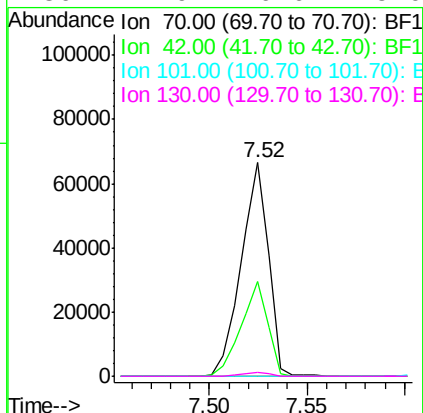




#19
n-Nitroso-di-n-propylamine
Concen: 15.830 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

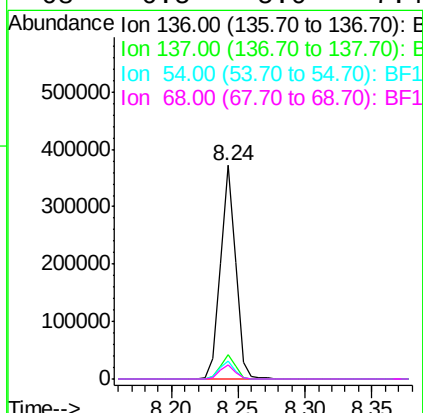
Instrument :
BNA_F
ClientSampleId :
A-3(5.0)

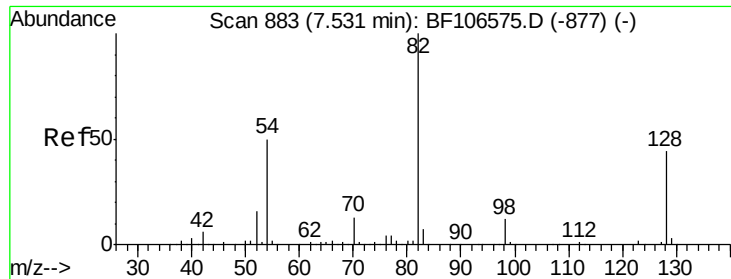
Tgt Ion:	70	Resp:	64471
Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Tgt Ion:	136	Resp:	302069
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.5	5.0	7.4

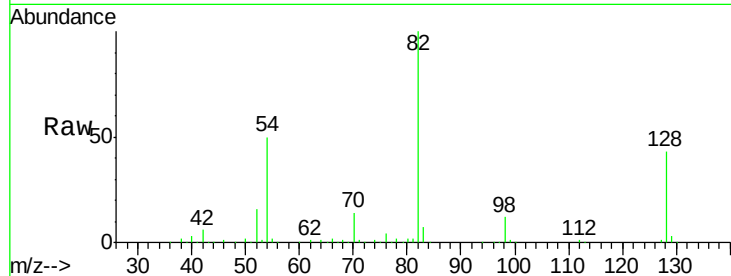




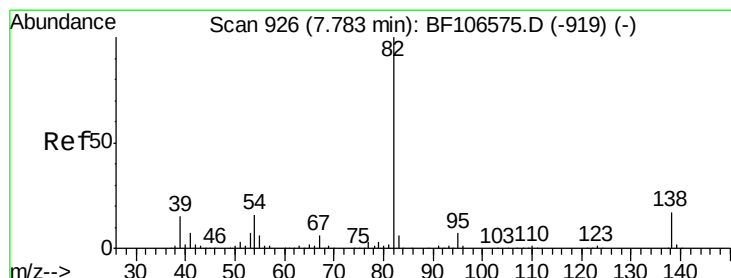
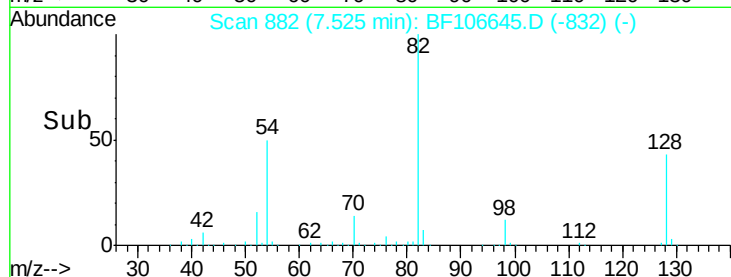
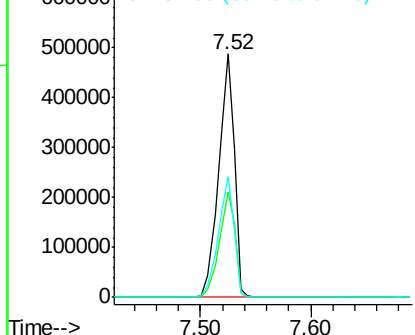
#23
Nitrobenzene-d5
Concen: 88.549 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :
A-3(5.0)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	49.8	41.4	62.2

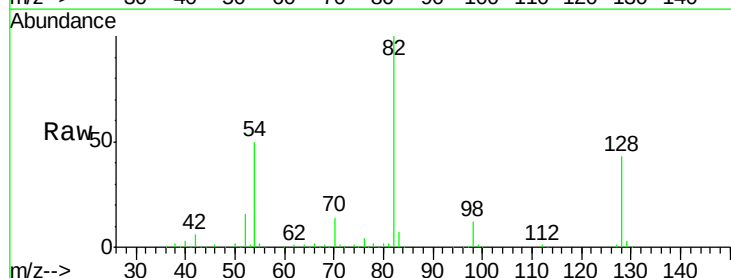


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

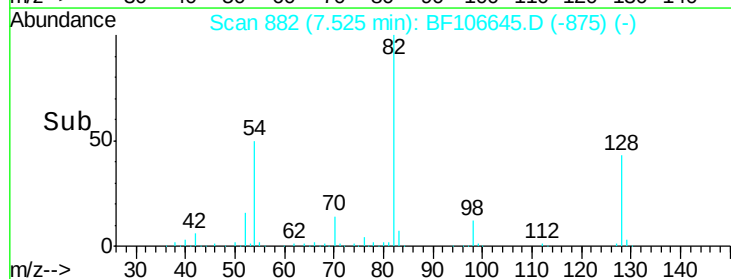
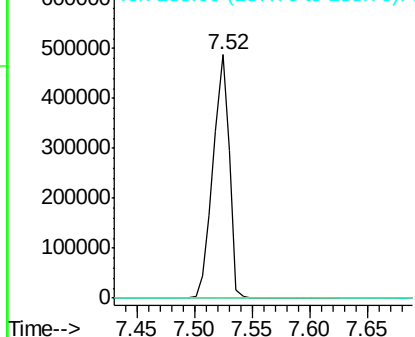


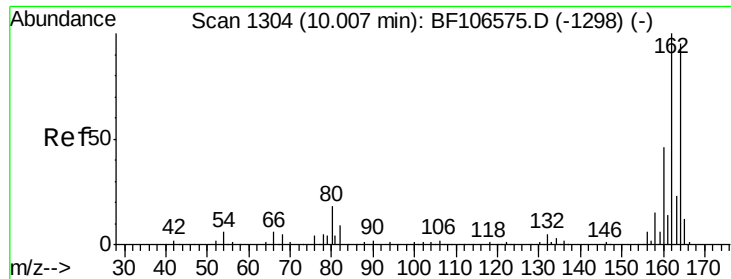
#25
Isophorone
Concen: 50.250 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Tgt 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: BF106645.D

Acq: 21 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

A-3(5.0)

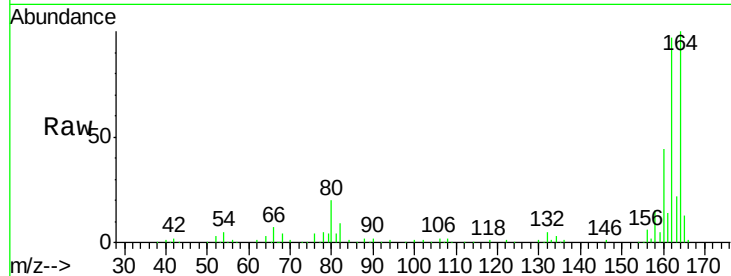
Tgt Ion:164 Resp: 139139

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

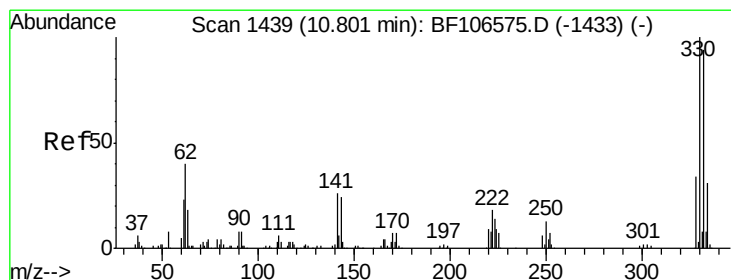
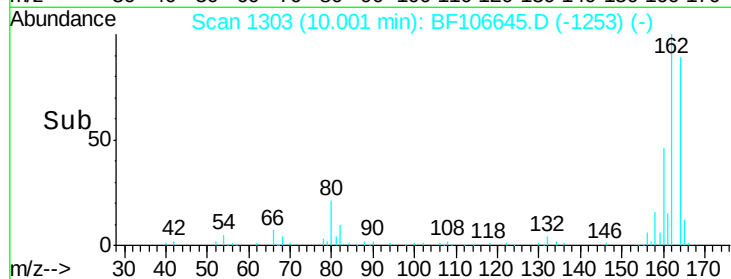
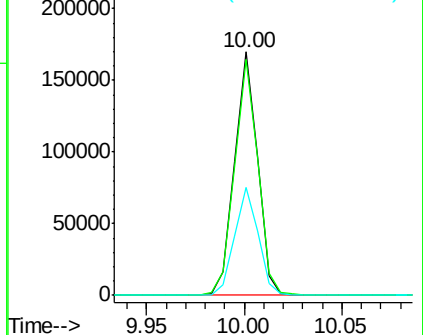
160 44.4 38.3 57.5



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: 122.404 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106645.D

Acq: 21 Jun 2018 2:49

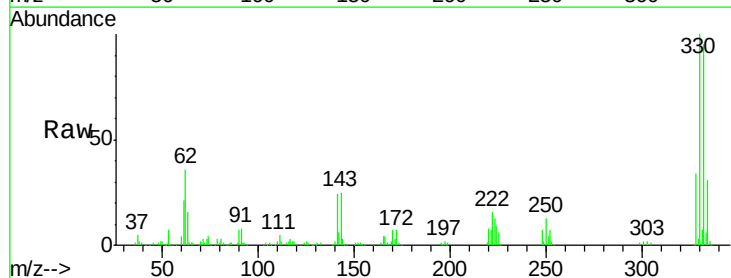
Tgt Ion:330 Resp: 197396

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

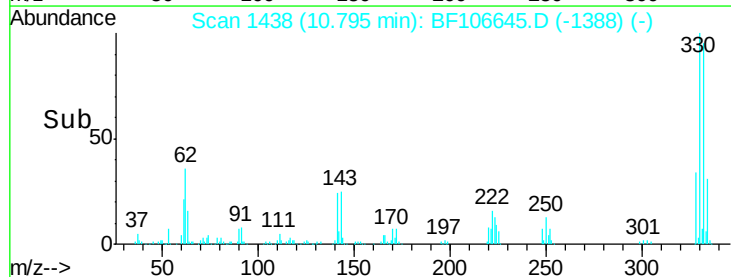
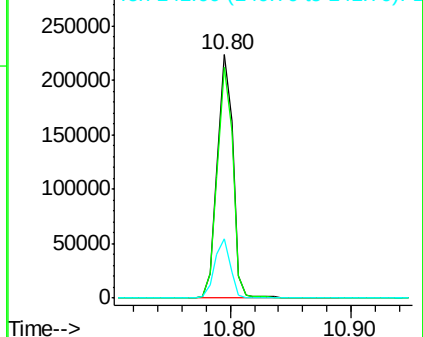
141 24.4 29.9 44.9#

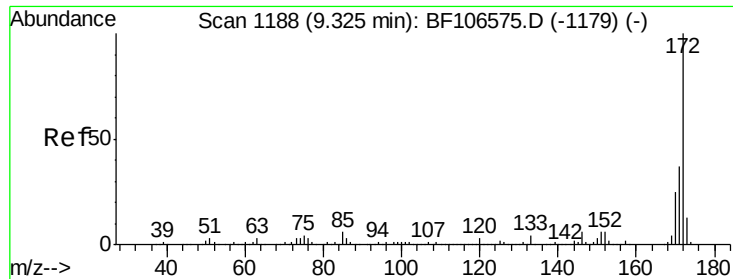


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

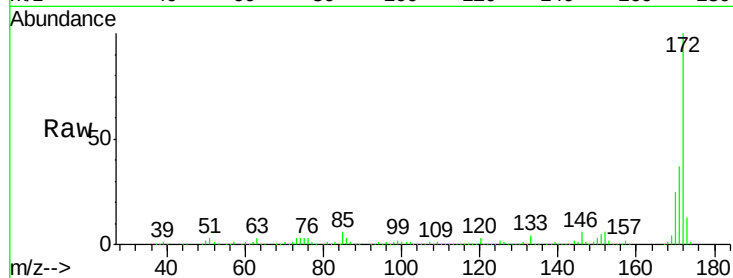




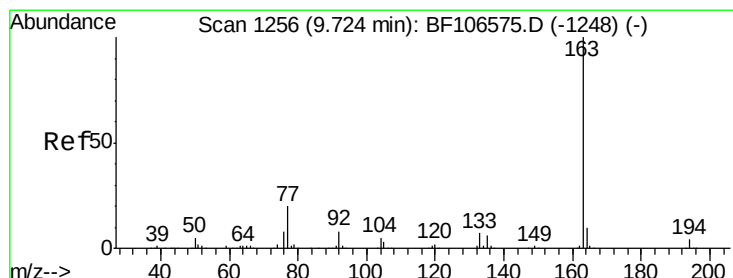
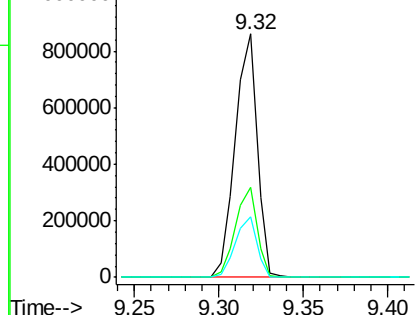
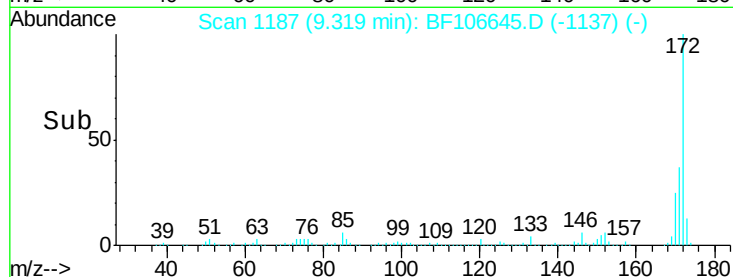
#44
2-Fluorobiphenyl
Concen: 97.329 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :
A-3(5.0)

Tgt Ion:172 Resp: 782483
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.6 19.6 29.4

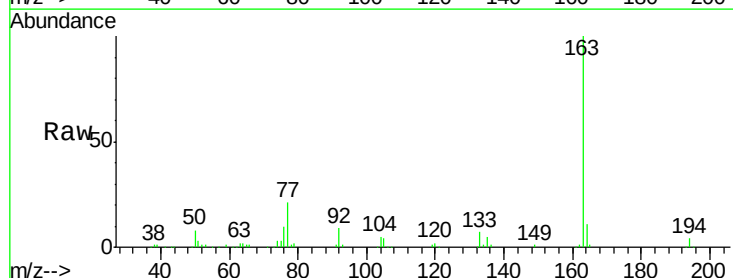


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

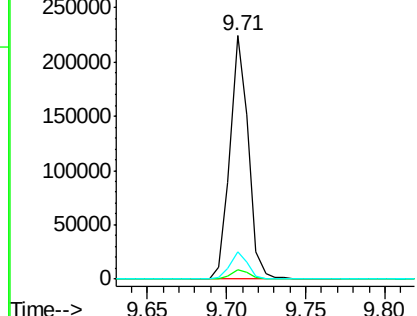
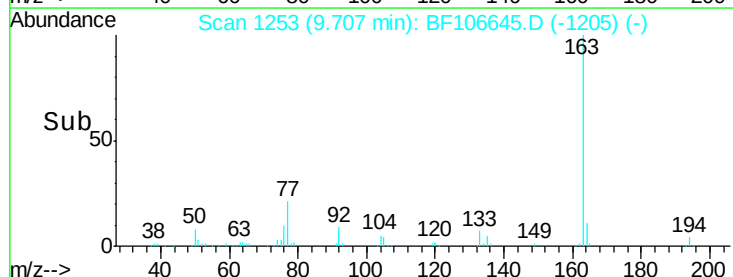


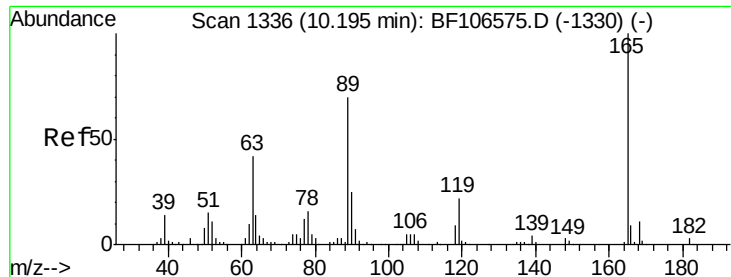
#49
Dimethylphthalate
Concen: 17.277 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Tgt Ion:163 Resp: 180294
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.3 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

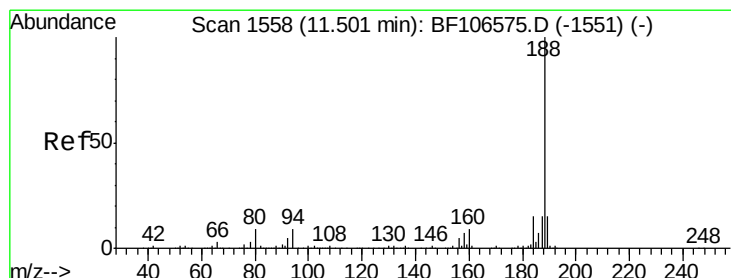
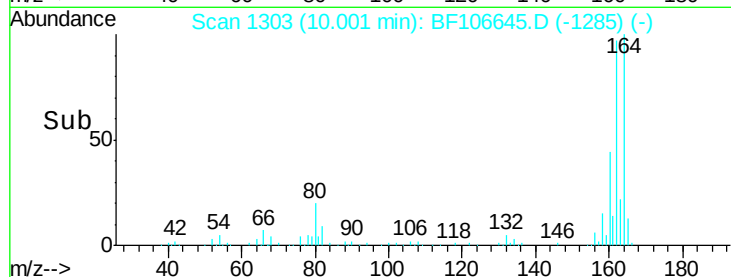
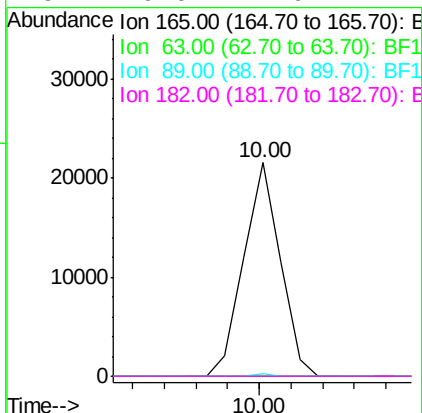
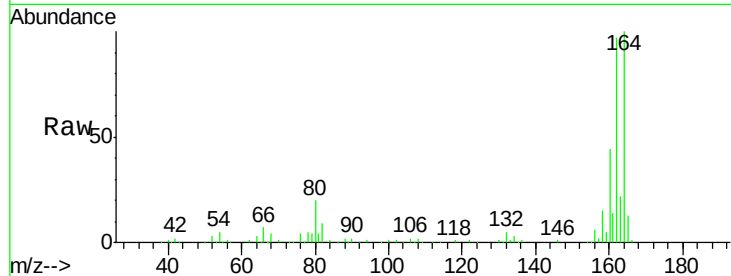




#56
 2,4-Dinitrotoluene
 Concen: 5.982 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106645.D
 Acq: 21 Jun 2018 2:49

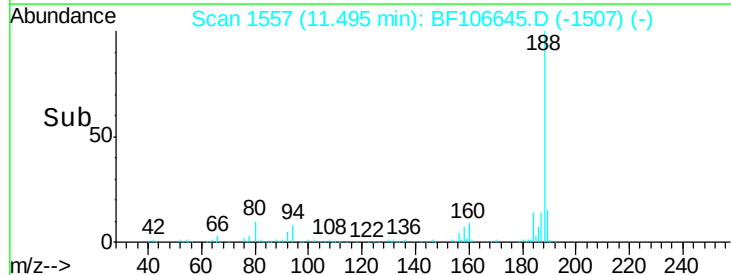
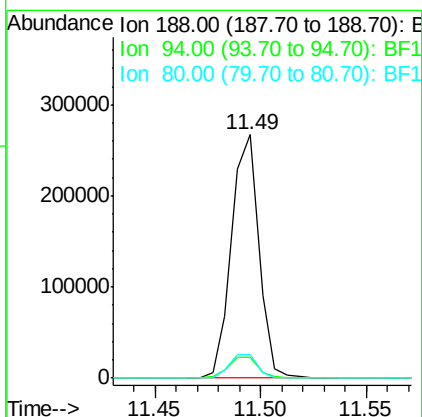
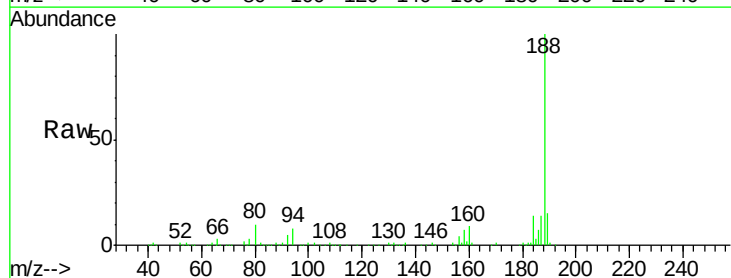
Instrument :
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 A-3(5.0)

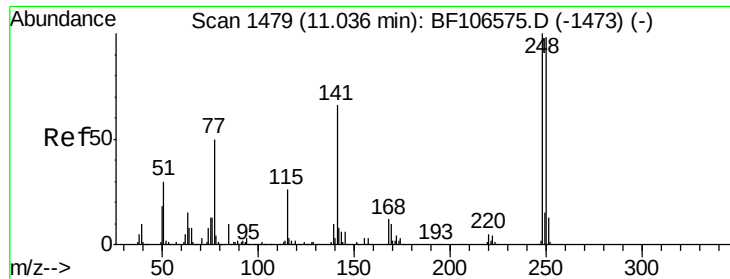
Tgt Ion:	165	Resp:	17255
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106645.D
 Acq: 21 Jun 2018 2:49

Tgt Ion:	188	Resp:	239282
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.6	9.2	13.8

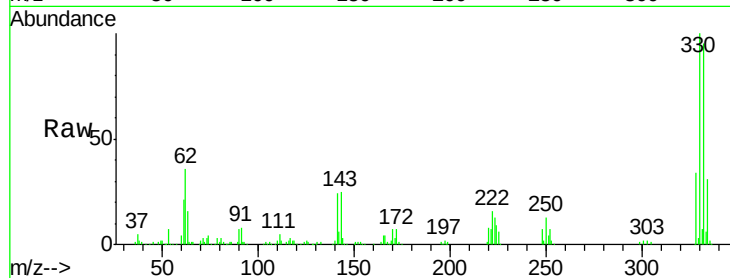




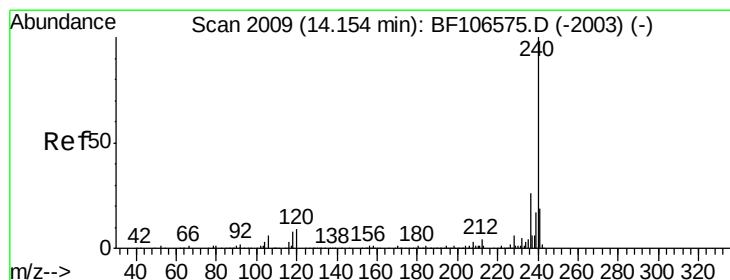
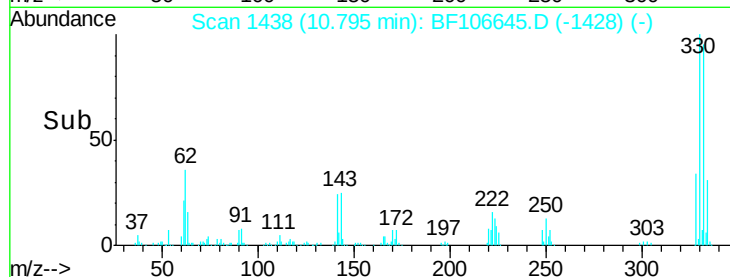
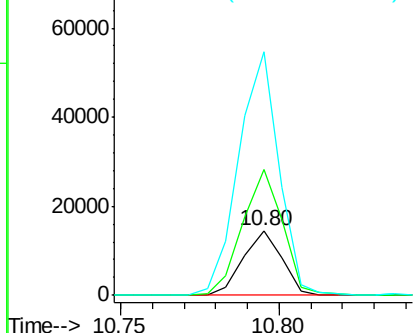
#66
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :
A-3(5.0)

Tgt Ion: 248 Resp: 12398
Ion Ratio Lower Upper
248 100
250 194.0 76.9 115.3#
141 374.4 74.4 111.6#

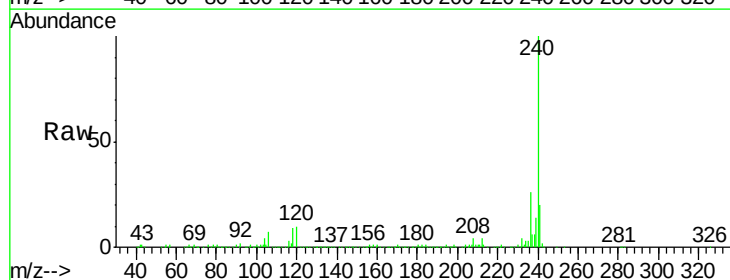


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

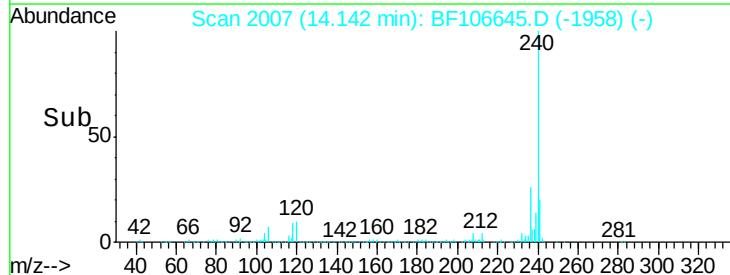
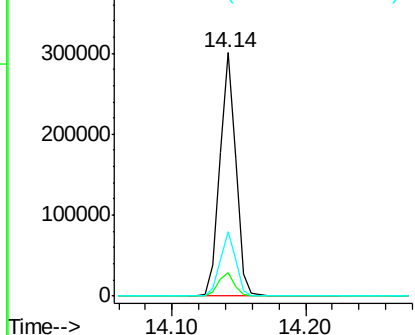


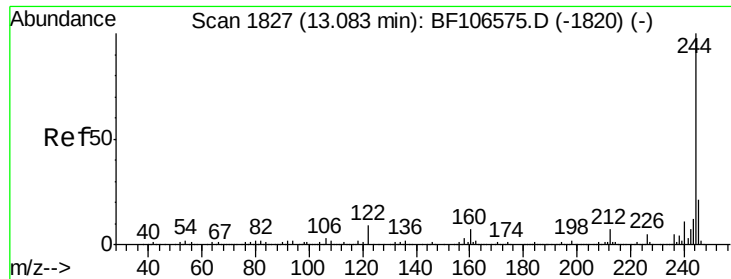
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106645.D
Acq: 21 Jun 2018 2:49

Tgt Ion: 240 Resp: 257062
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.2 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: 77.912 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106645.D

Acq: 21 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

A-3(5.0)

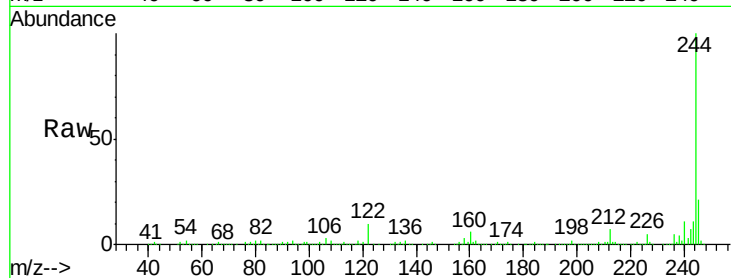
Tgt Ion:244 Resp: 826825

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

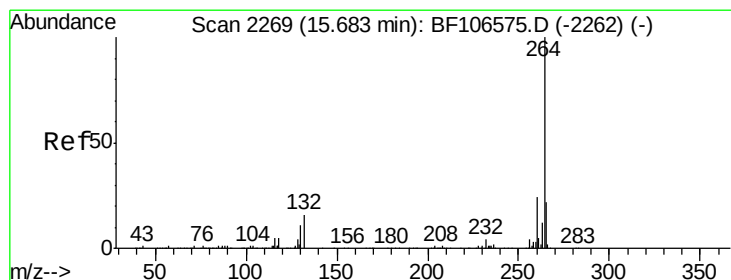
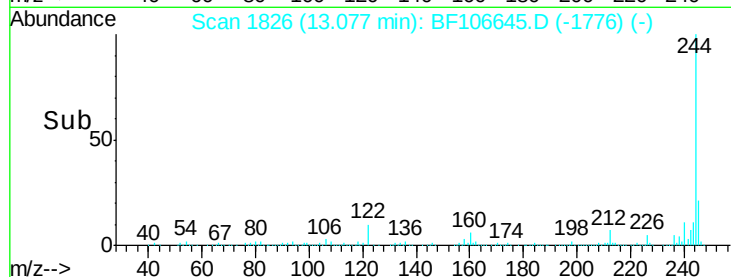
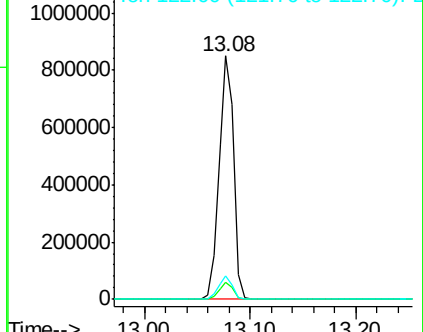
122 9.5 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106645.D

Acq: 21 Jun 2018 2:49

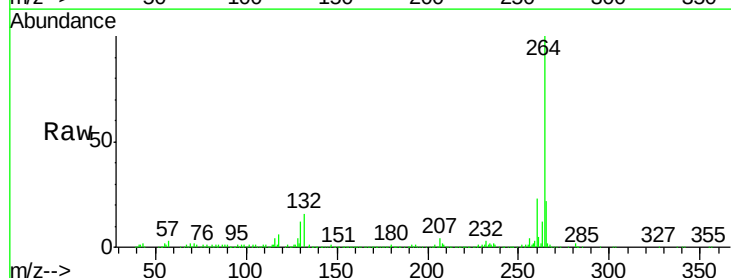
Tgt Ion:264 Resp: 202450

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

