

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106945.D
 Acq On : 29 Jun 2018 2:17
 Operator : JU/SJ
 Sample : J3593-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005

Quant Time: Jun 29 05:56:27 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

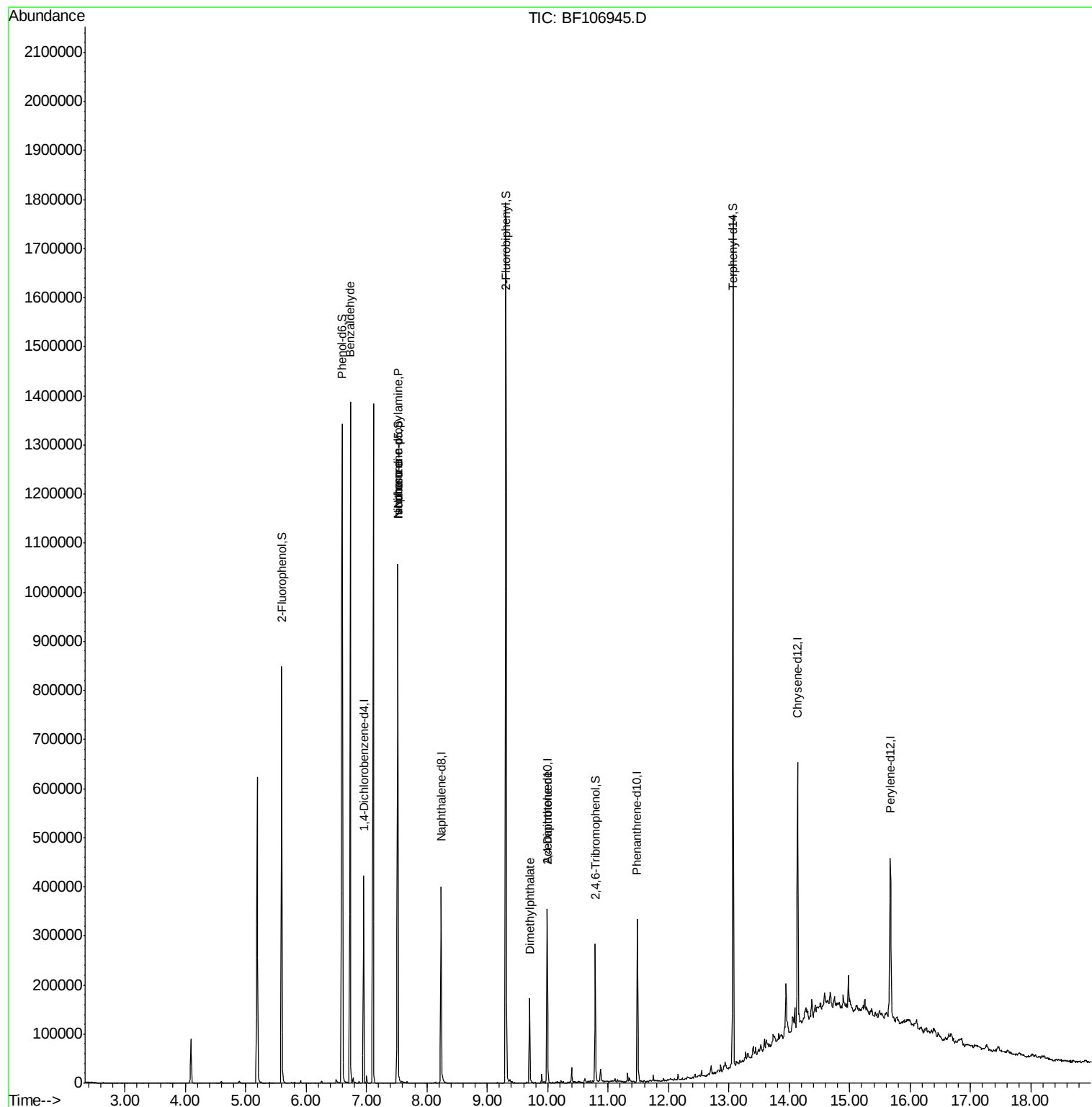
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57881	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	194437	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	77360	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	141489	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	187929	20.00	ng	-0.03
86) Perylene-d12	15.67	264	160868	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	226791	66.35	ng	0.00
7) Phenol-d6	6.60	99	529121	123.95	ng	-0.02
23) Nitrobenzene-d5	7.52	82	359043	102.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	42485	47.38	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	578918	135.42	ng	-0.02
78) Terphenyl-d14	13.07	244	637569	82.18	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	7733	2.158	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.52	70	46354	16.474	ng	# 72
25) Isophorone	7.52	82	359039	58.236	ng	# 64
49) Dimethylphthalate	9.70	163	74649	12.866	ng	99
56) 2,4-Dinitrotoluene	10.00	165	9655	6.021	ng	# 21

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

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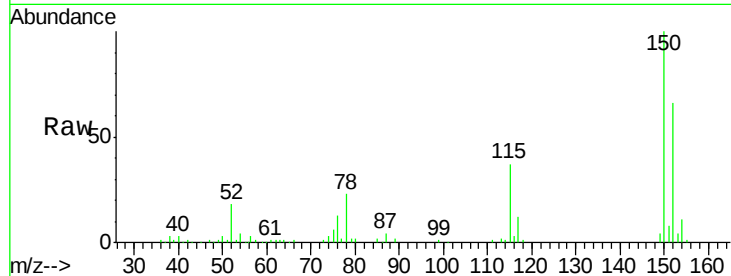


#1

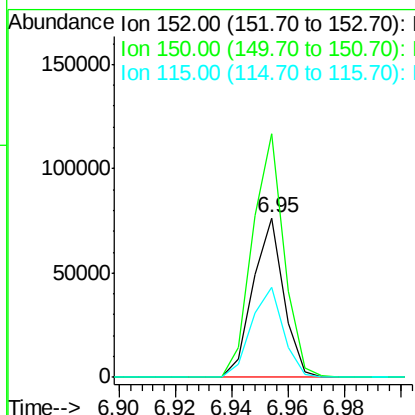
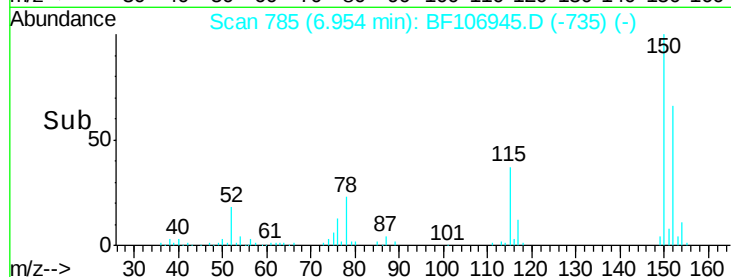
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Instrument :
BNA_F
ClientSampleId :
S39-9005

Tgt Ion:152 Resp: 57881
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 56.7 50.1 75.1



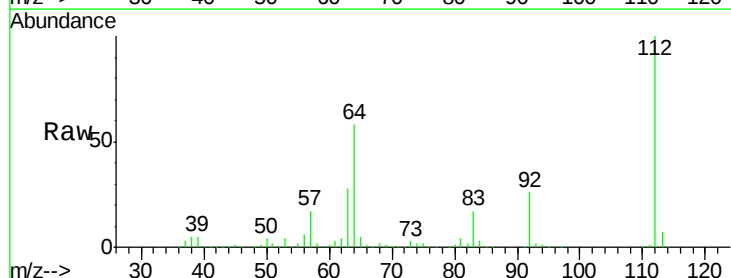
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



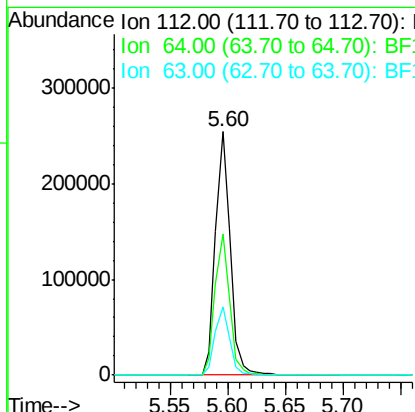
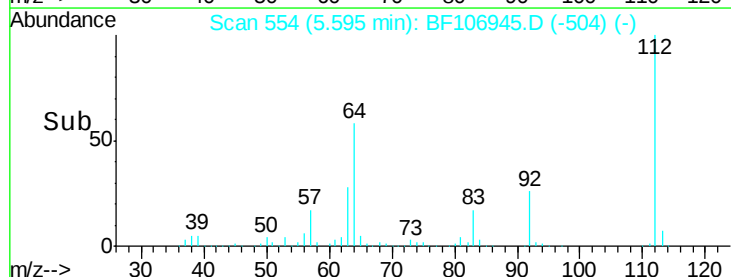
#5

2-Fluorophenol
Concen: 66.348 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Tgt Ion:112 Resp: 226791
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 28.3 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: 123.955 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106945.D

Acq: 29 Jun 2018 2:17

Instrument :

BNA_F

ClientSampleId :

S39-9005

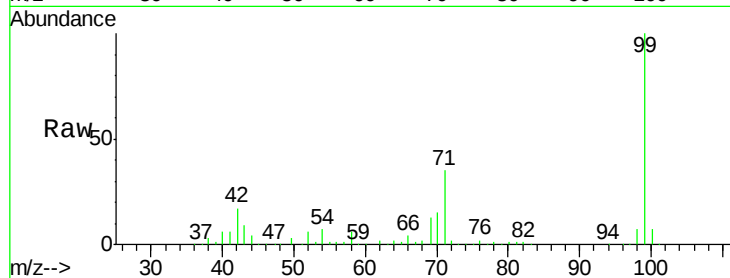
Tgt Ion: 99 Resp: 529121

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

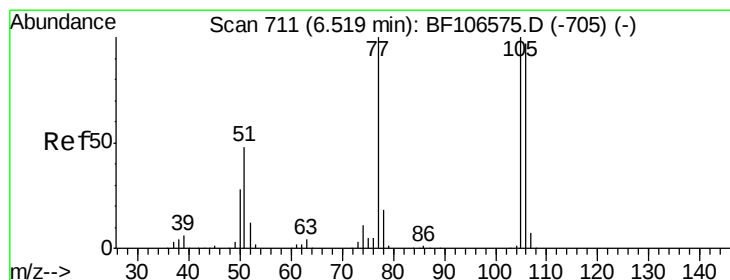
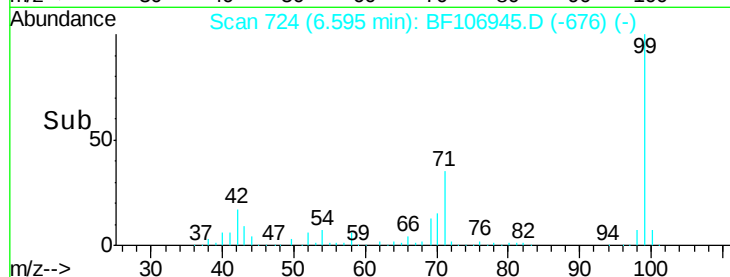
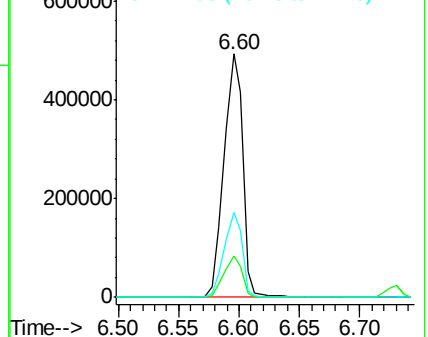
71 34.9 25.4 38.0



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: 2.158 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106945.D

Acq: 29 Jun 2018 2:17

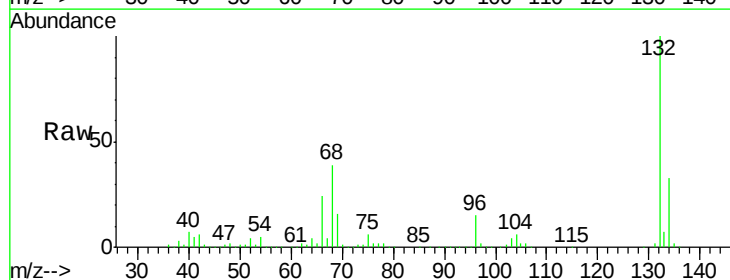
Tgt Ion: 77 Resp: 7733

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

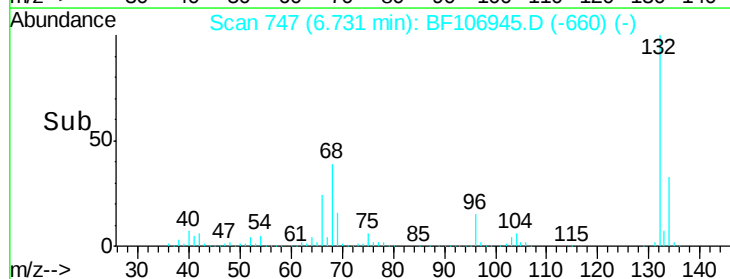
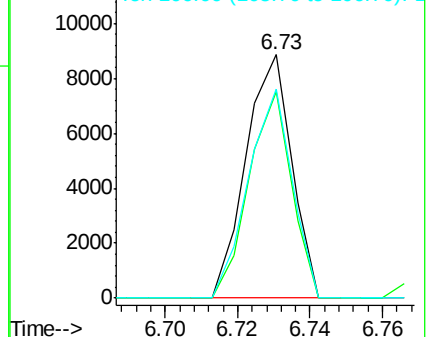
106 86.1 74.5 114.5

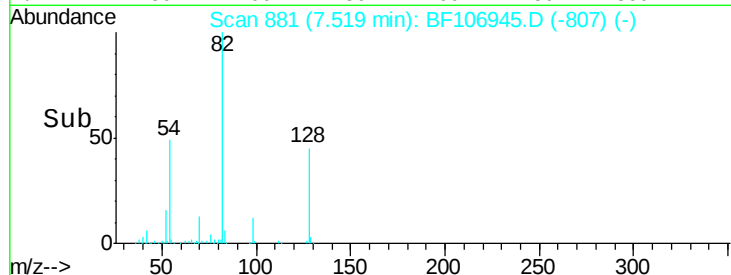
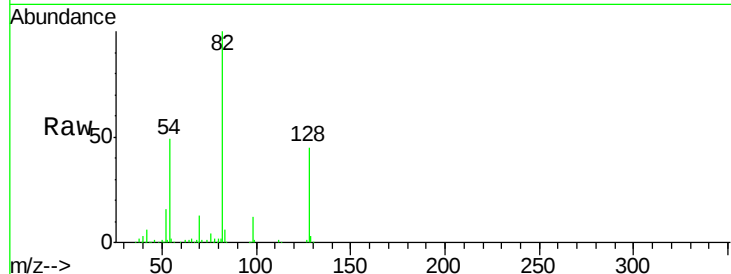
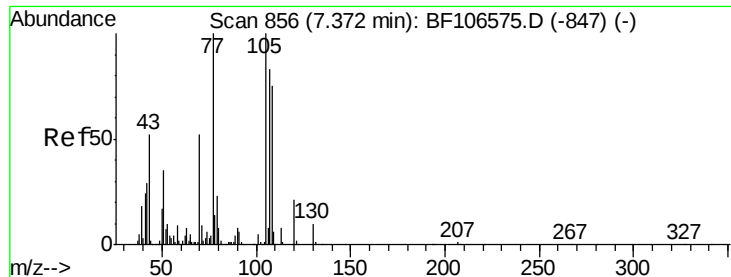


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

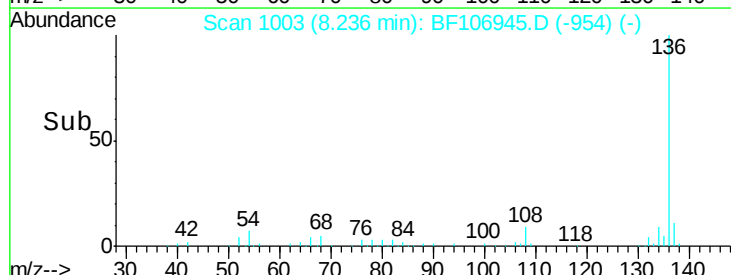
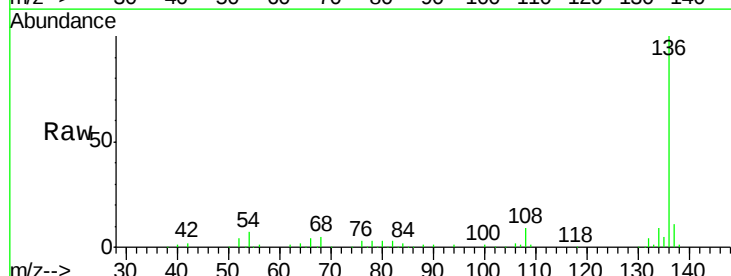
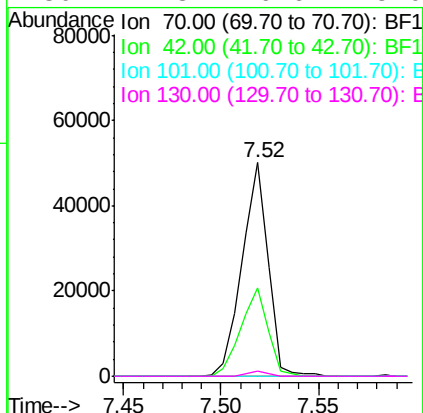




#19
n-Nitroso-di-n-propylamine
Concen: 16.474 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

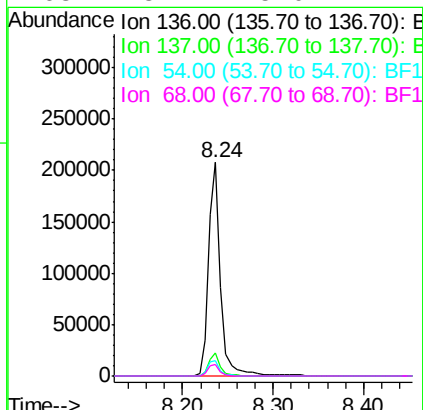
Instrument :
BNA_F
ClientSampleId :
S39-9005

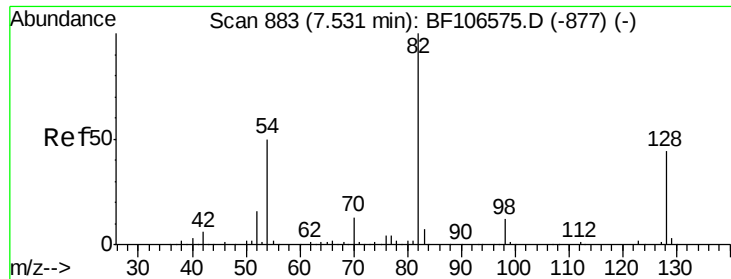
Tgt Ion:	70	Resp:	46354
Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Tgt Ion:	136	Resp:	194437
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.4	5.0	7.4

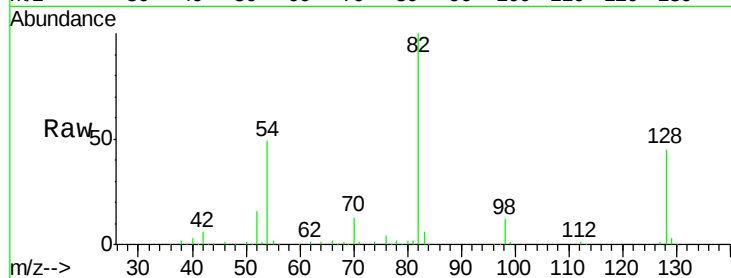




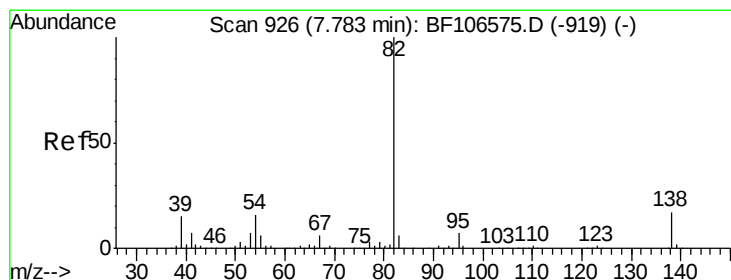
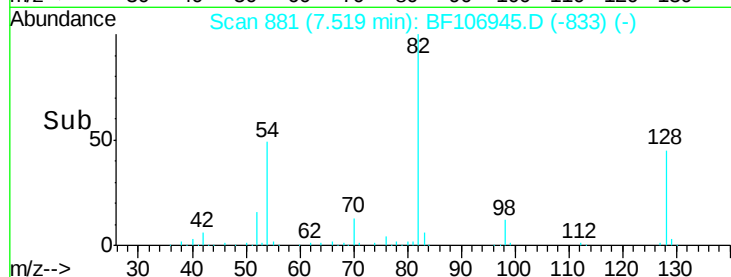
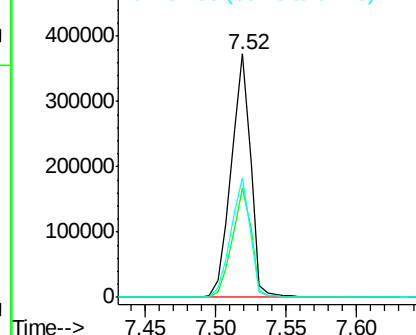
#23
 Nitrobenzene-d5
 Concen: 102.621 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106945.D
 Acq: 29 Jun 2018 2:17

Instrument :
 BNA_F
 ClientSampled :
 S39-9005

Tgt Ion: 82 Resp: 359043
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 49.0 41.4 62.2

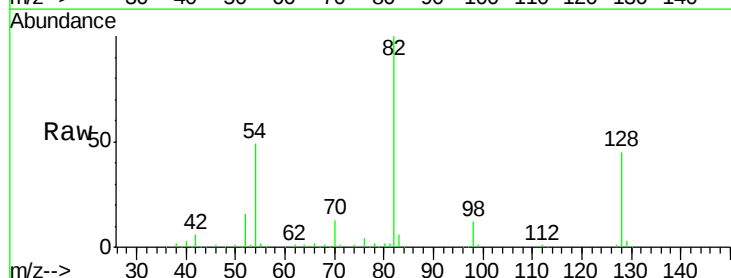


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

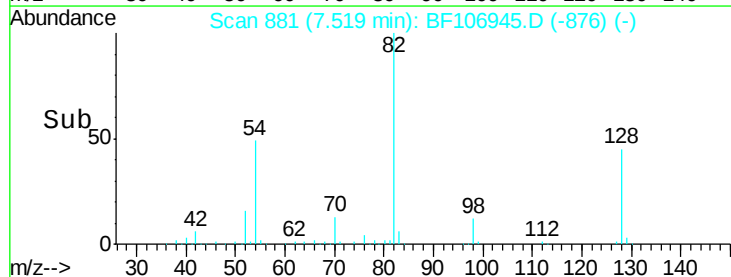
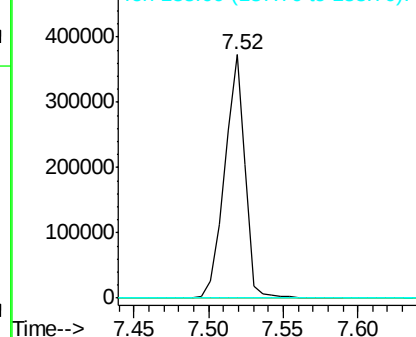


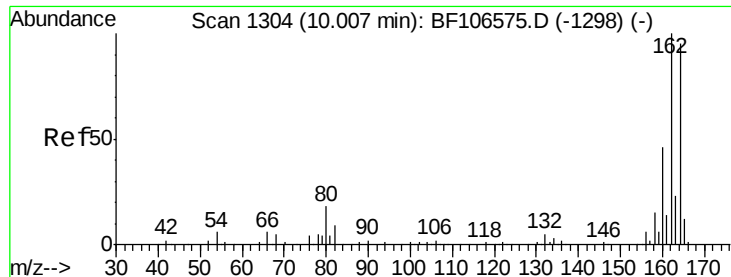
#25
 Isophorone
 Concen: 58.236 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106945.D
 Acq: 29 Jun 2018 2:17

Tgt Ion: 82 Resp: 359039
 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# 1302

Delta R.T. -0.01 min

Lab File: BF106945.D

Acq: 29 Jun 2018 2:17

Instrument :

BNA_F

ClientSampleId :

S39-9005

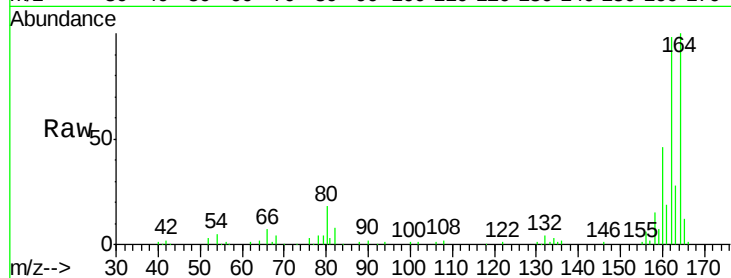
Tgt Ion:164 Resp: 77360

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

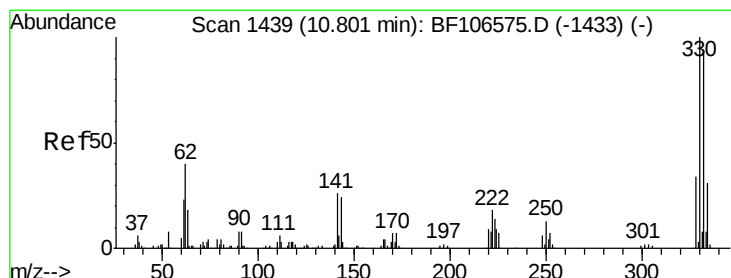
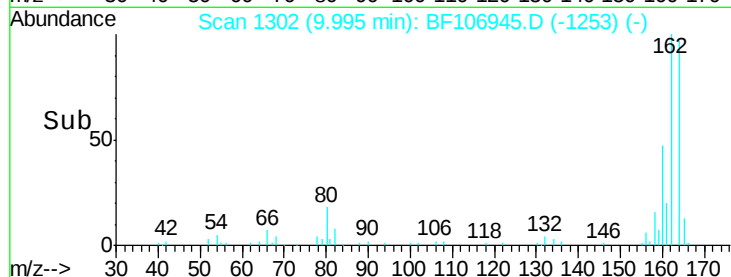
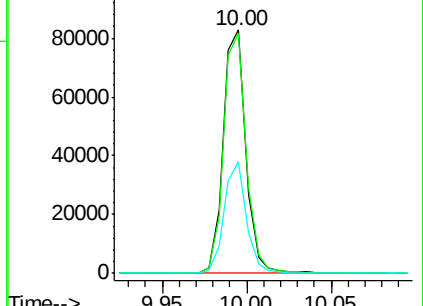
160 46.1 38.3 57.5



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: 47.383 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106945.D

Acq: 29 Jun 2018 2:17

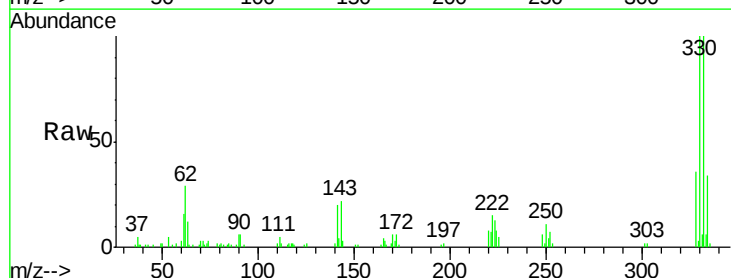
Tgt Ion:330 Resp: 42485

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

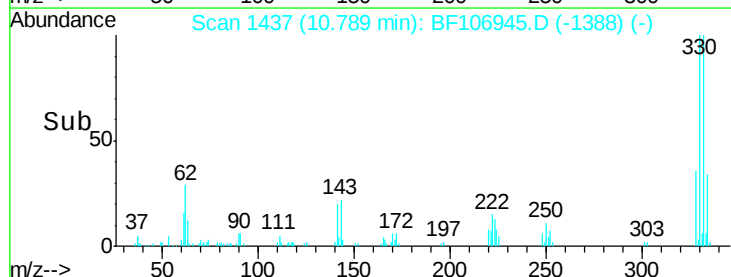
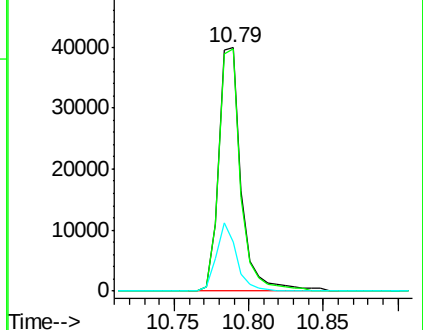
141 24.8 29.9 44.9#



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

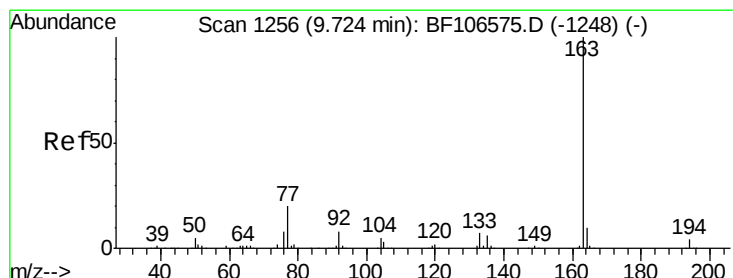
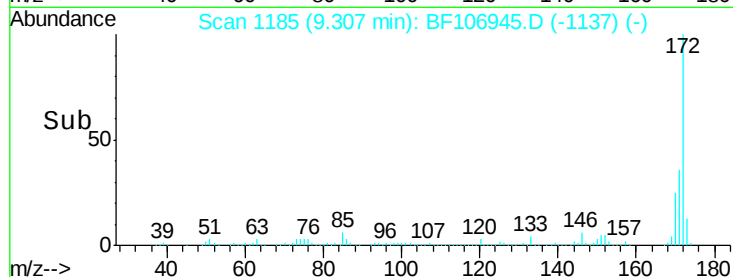
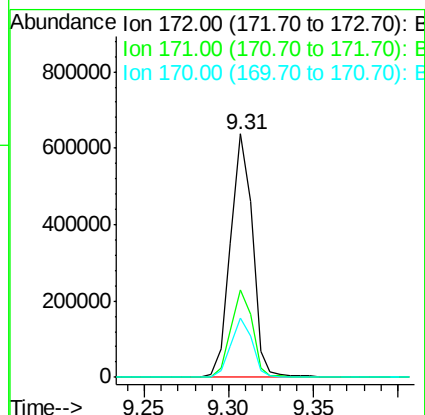
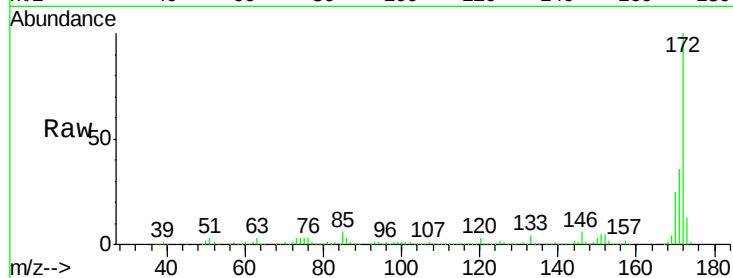




#44
2-Fluorobiphenyl
Concen: 135.416 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

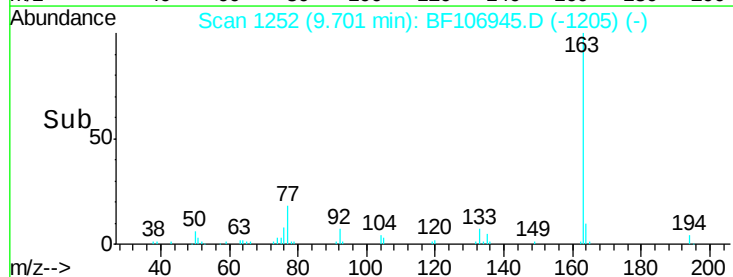
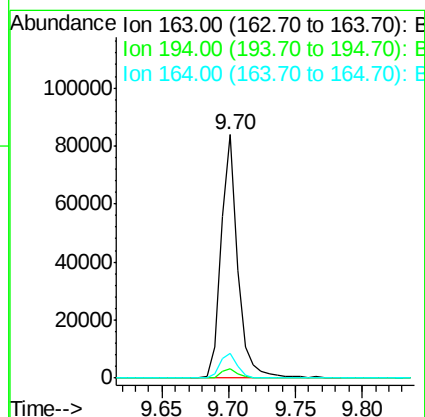
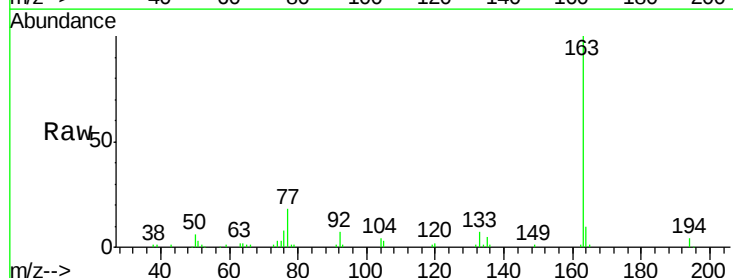
Instrument :
BNA_F
ClientSampleId :
S39-9005

Tgt Ion:172 Resp: 578918
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 12.866 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Tgt Ion:163 Resp: 74649
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

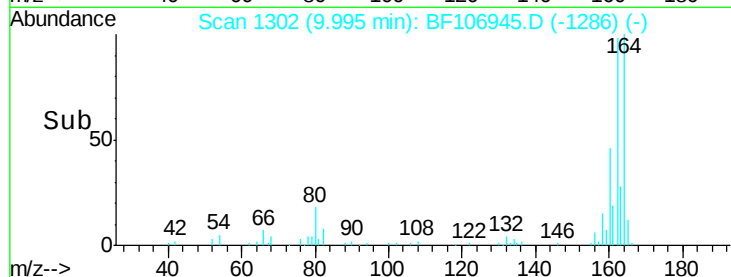
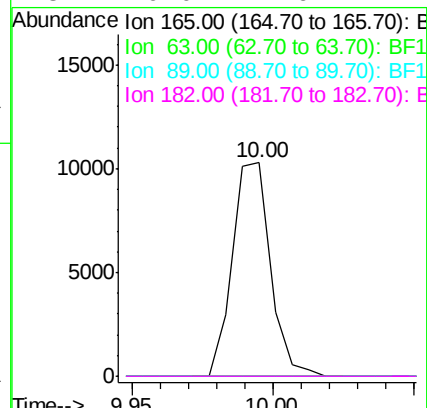
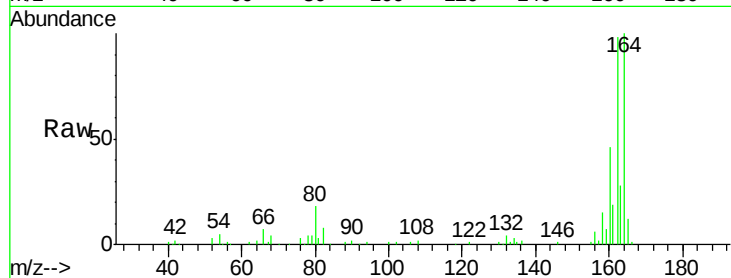




#56
2,4-Dinitrotoluene
Concen: 6.021 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

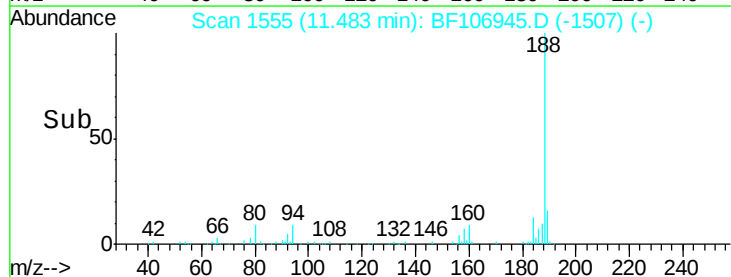
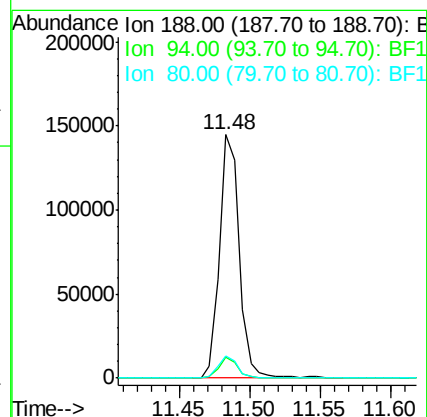
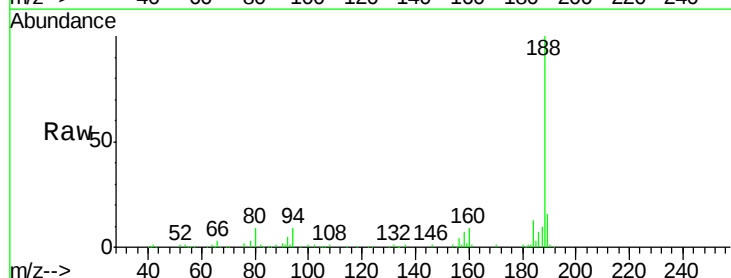
Instrument :
BNA_F
ClientSampleId :
S39-9005

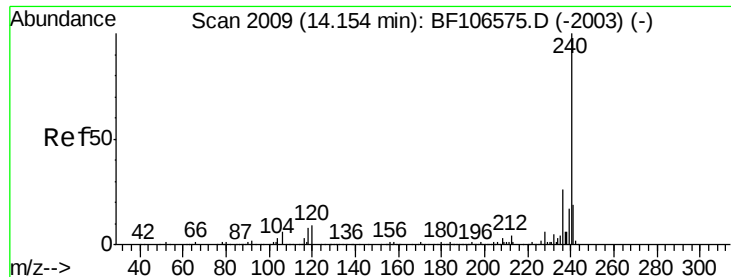
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.2	9.2	13.8

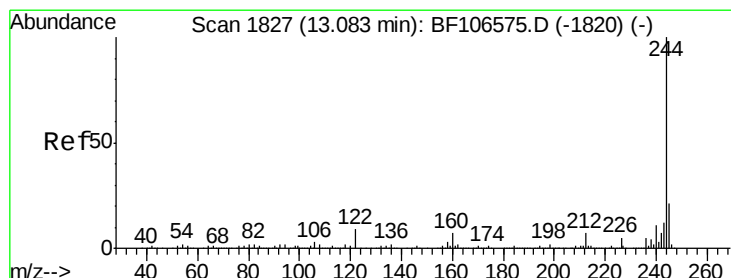
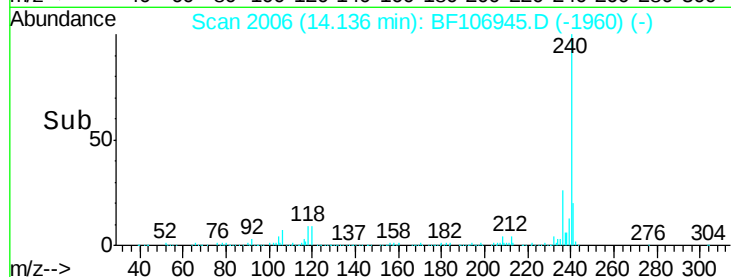
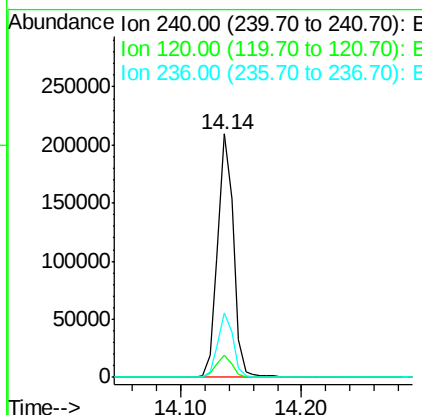
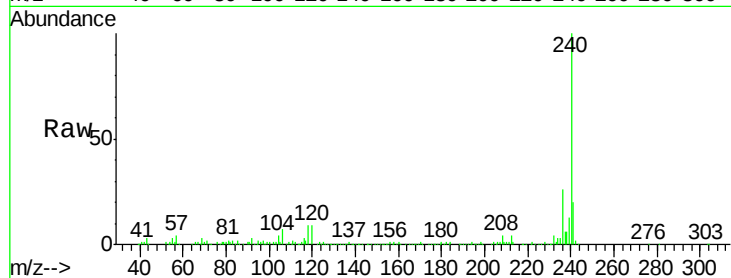




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

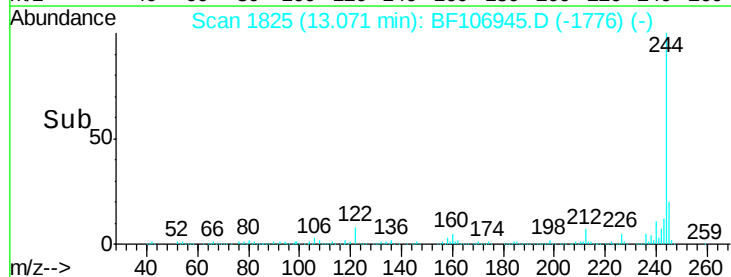
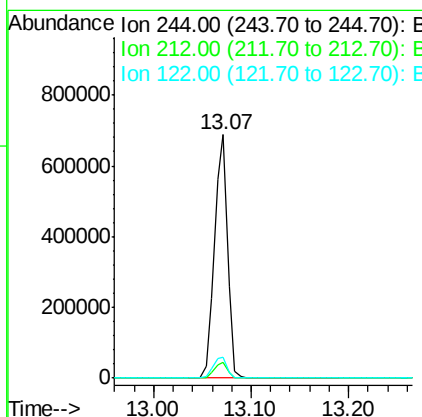
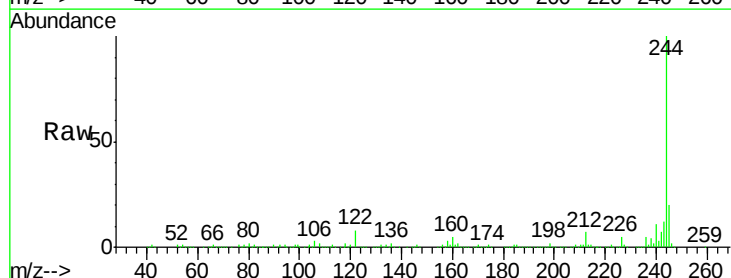
Instrument :
BNA_F
ClientSampled :
S39-9005

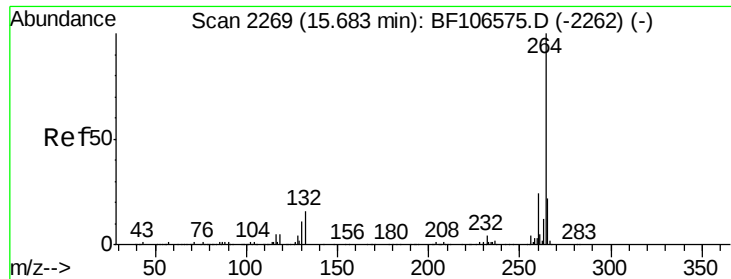
Tgt Ion:240 Resp: 187929
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.4 20.7 31.1



#78
Terphenyl-d14
Concen: 82.179 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106945.D
Acq: 29 Jun 2018 2:17

Tgt Ion:244 Resp: 637569
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 8.5 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: BF106945.D
Acq: 29 Jun 2018 2:17

Instrument :
BNA_F
ClientSampleId :
S39-9005

Tgt Ion: 264 Resp: 160868
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.7 17.5 26.3

