

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106644.D
 Acq On : 21 Jun 2018 2:23
 Operator : JU/SJ
 Sample : J3575-21 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Jun 21 04:23:03 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

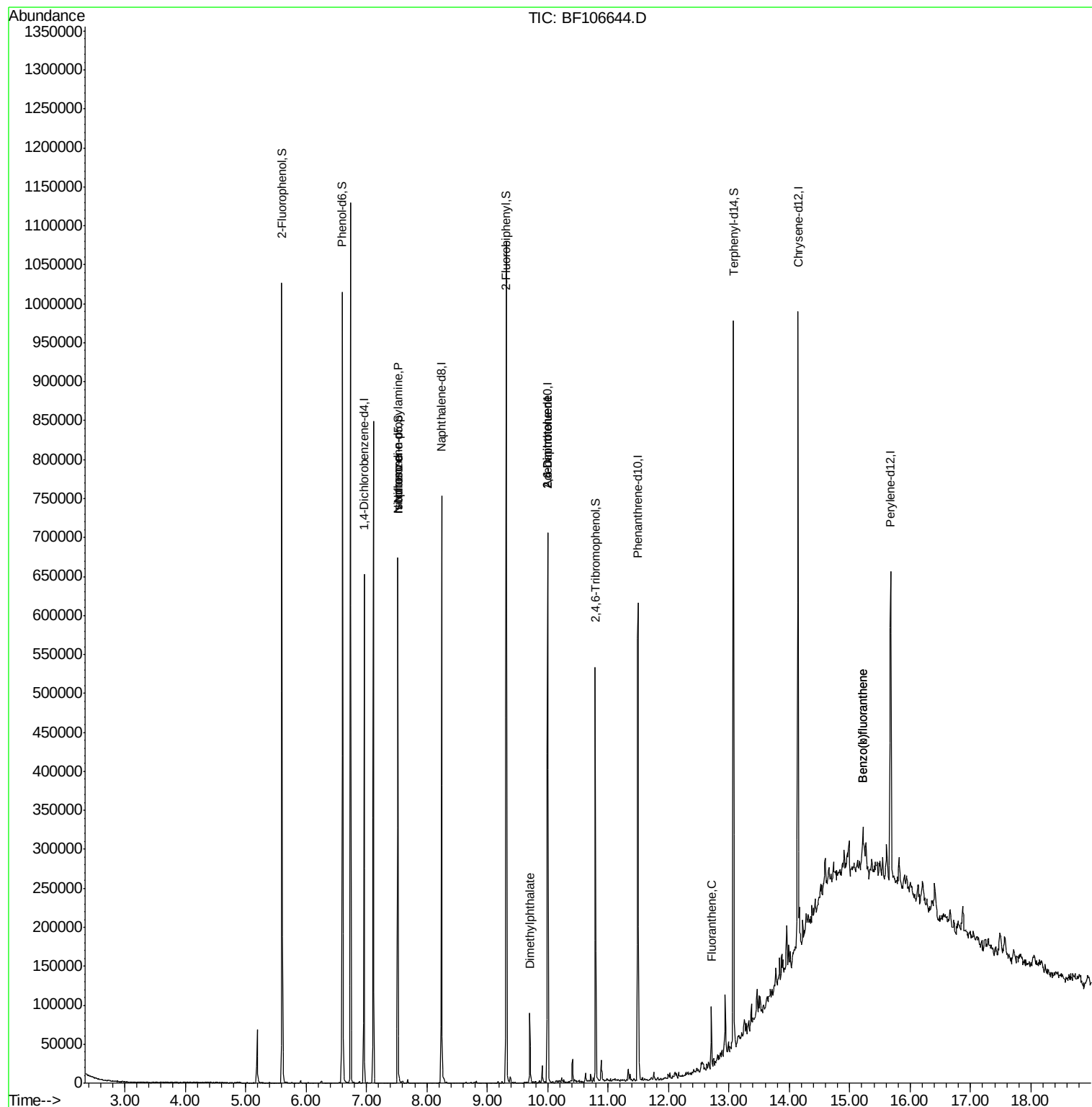
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	85805	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	315473	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136397	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	241287	20.00	ng	0.00
75) Chrysene-d12	14.14	240	270239	20.00	ng	-0.01
86) Perylene-d12	15.68	264	195158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259469	51.20	ng	0.00
7) Phenol-d6	6.60	99	322915	51.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	201169	35.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	75381	47.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	322114	30.52	ng	-0.01
78) Terphenyl-d14	13.08	244	347994	31.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	25786	6.182	ng	# 77
25) Isophorone	7.52	82	201165	20.110	ng	# 64
49) Dimethylphthalate	9.71	163	34344	3.357	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	17306	7.989	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	17306	6.121	ng	# 21
74) Fluoranthene	12.71	202	28546	2.225	ng	# 97
87) Benzo(b)fluoranthene	15.22	252	31427	2.592	ng	# 77
88) Benzo(k)fluoranthene	15.22	252	31427	2.722	ng	# 81

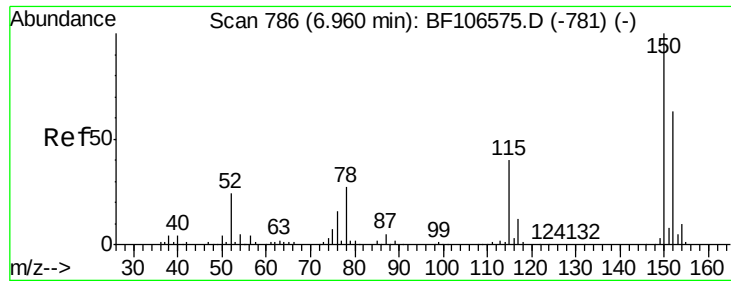
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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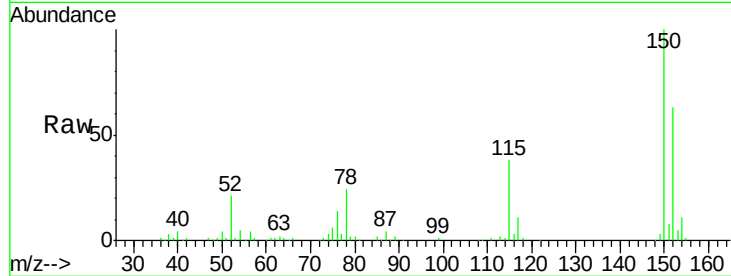


#1

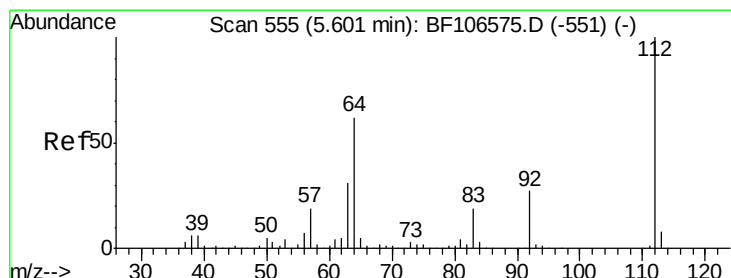
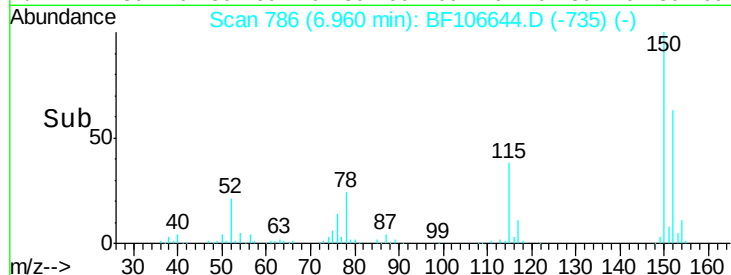
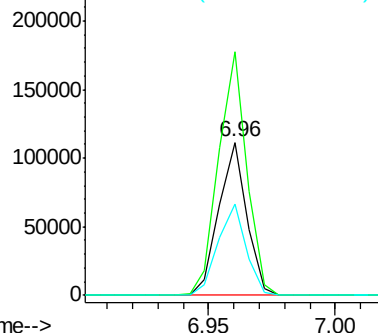
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Instrument :
BNA_F
ClientSampled :
TP-13

Tgt Ion:152 Resp: 85805
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.7 50.1 75.1



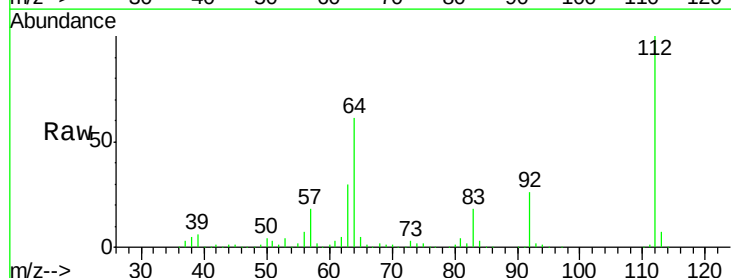
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



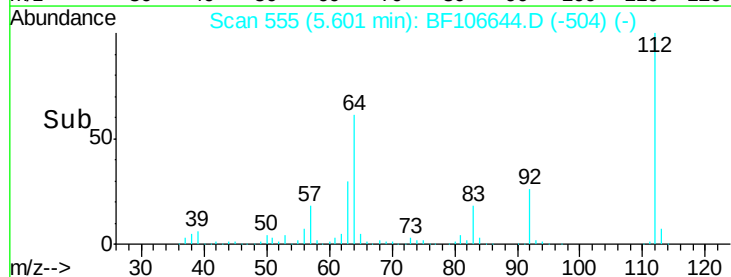
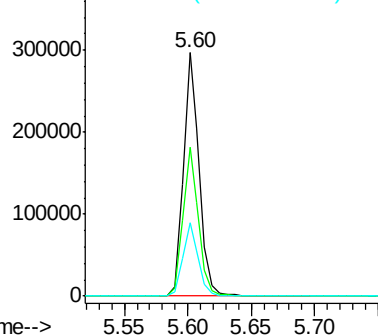
#5

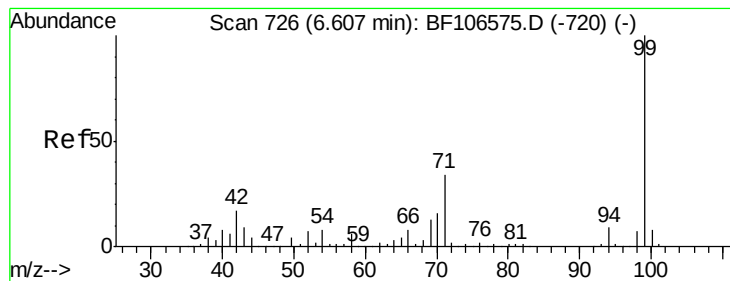
2-Fluorophenol
Concen: 51.205 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion:112 Resp: 259469
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.1 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: 51.029 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

TP-13

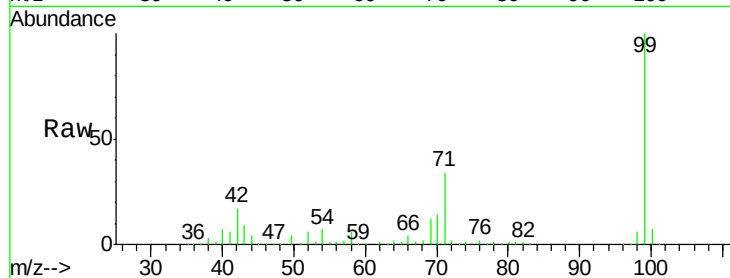
Tgt Ion: 99 Resp: 322915

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

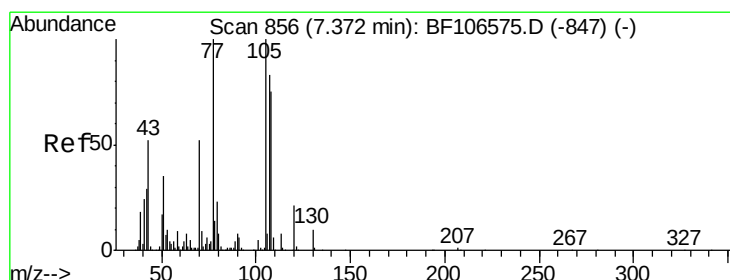
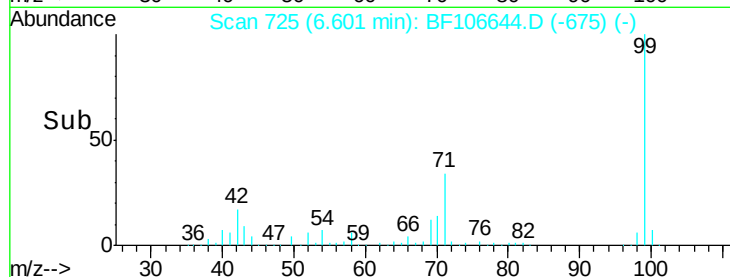
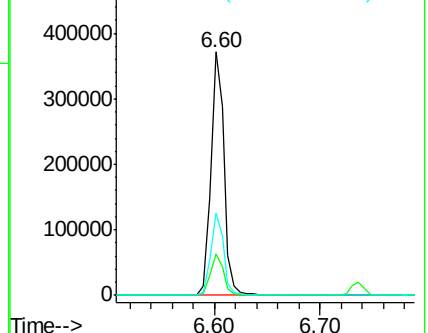
71 33.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.182 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Tgt Ion: 70 Resp: 25786

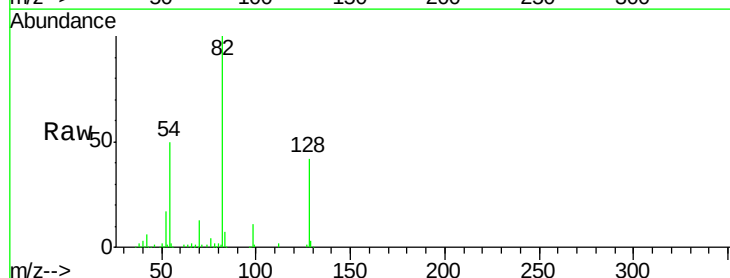
Ion Ratio Lower Upper

70 100

42 47.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

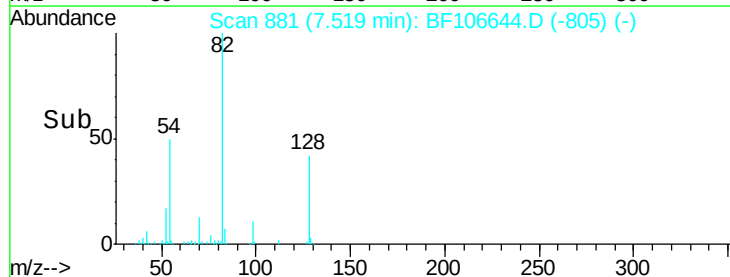
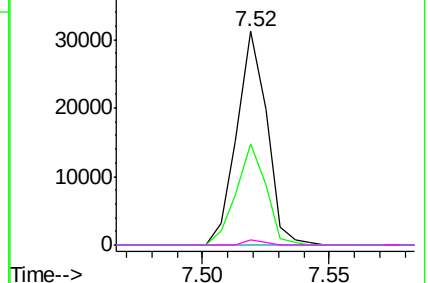


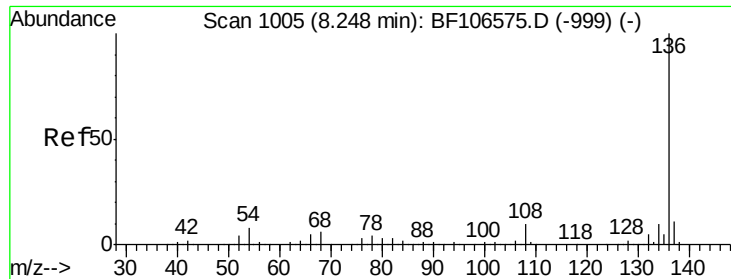
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

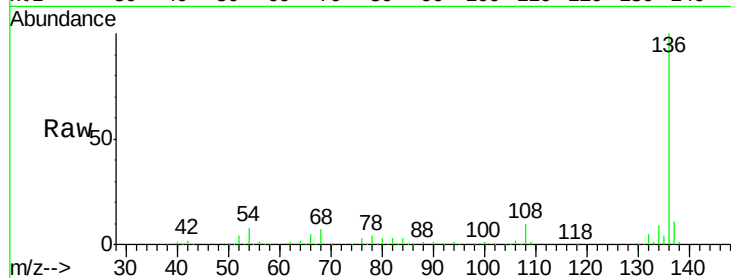




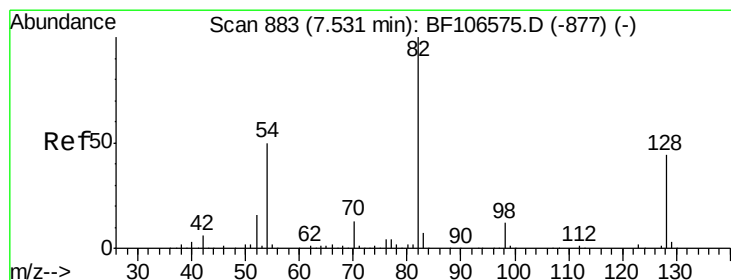
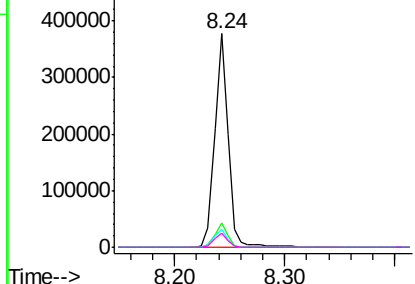
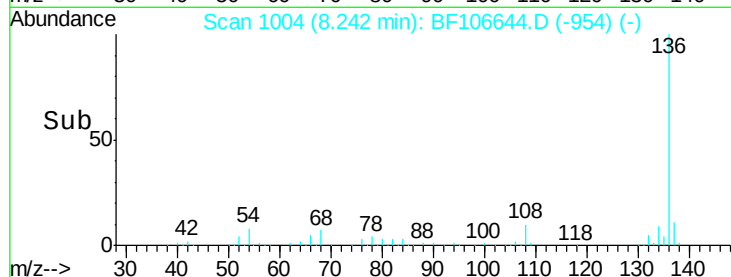
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Instrument :
BNA_F
ClientSampled :
TP-13

Tgt Ion: 136 Resp: 315473
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.2 6.6 9.8
68 6.6 5.0 7.4

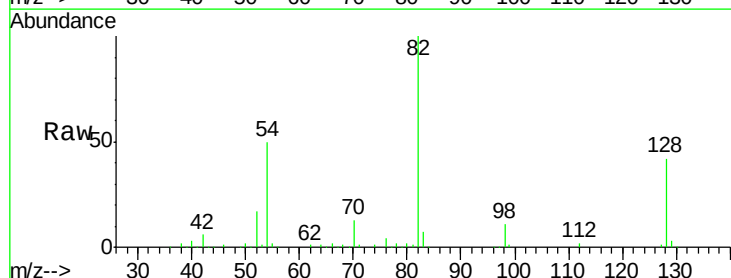


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

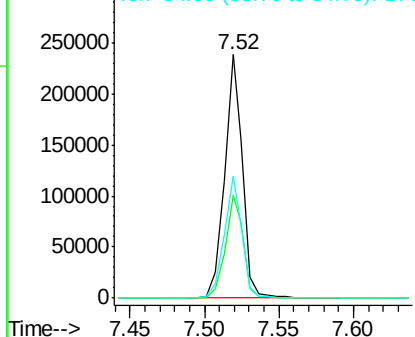
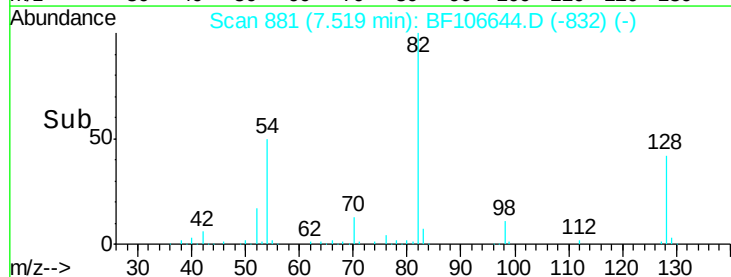


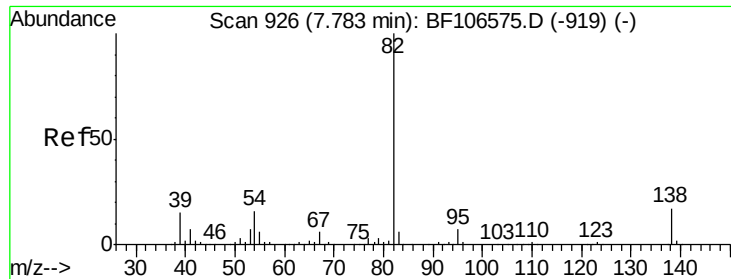
#23
Nitrobenzene-d5
Concen: 35.438 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion: 82 Resp: 201169
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 49.9 41.4 62.2



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





#25

Isophorone

Concen: 20.110 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampleId :

TP-13

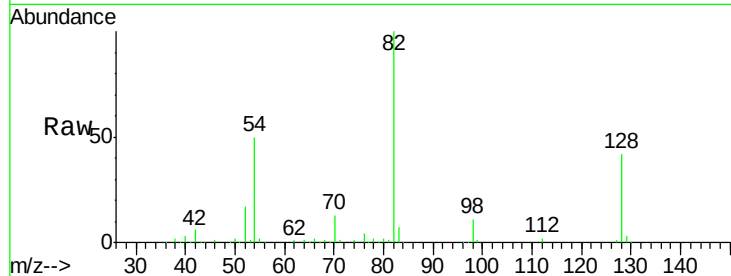
Tgt Ion: 82 Resp: 201165

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

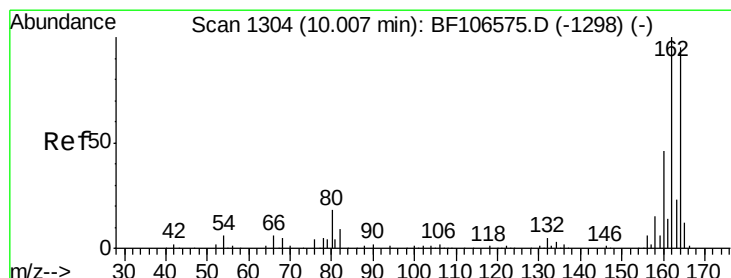
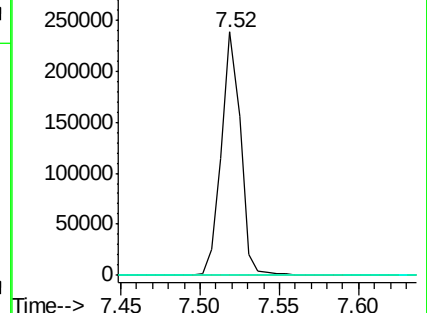
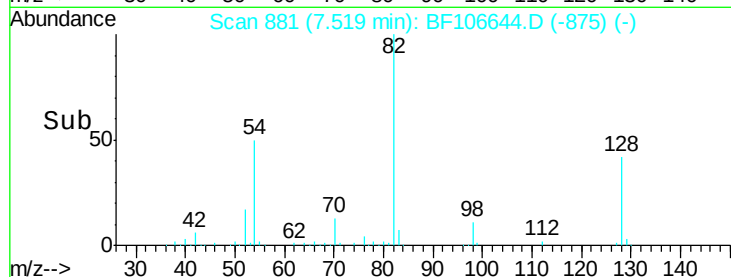
138 0.0 14.9 22.3#



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: BF106644.D

Acq: 21 Jun 2018 2:23

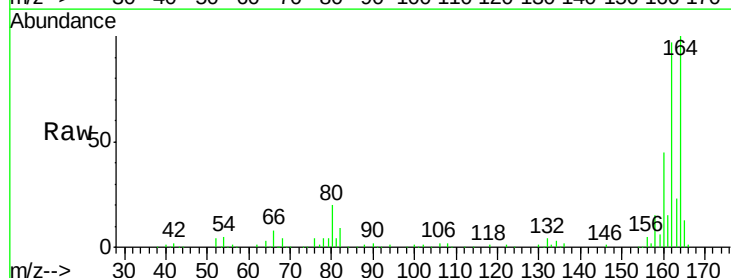
Tgt Ion: 164 Resp: 136397

Ion Ratio Lower Upper

164 100

162 97.1 86.1 129.1

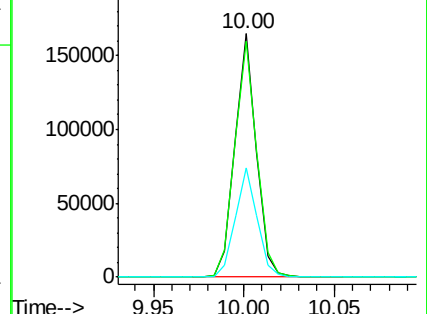
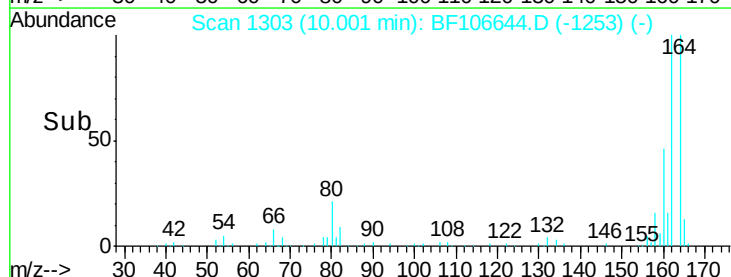
160 44.9 38.3 57.5

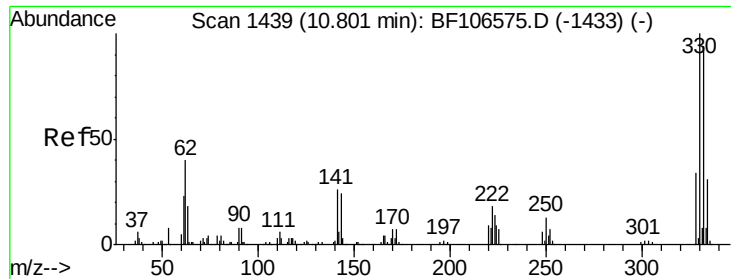


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

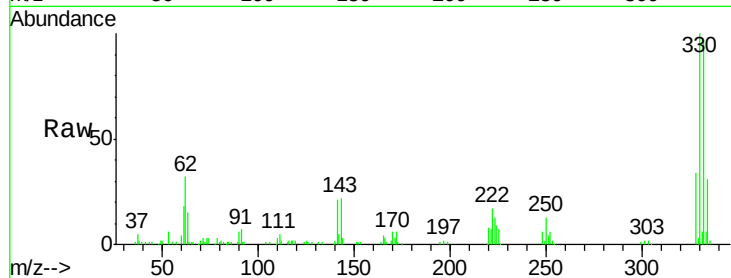




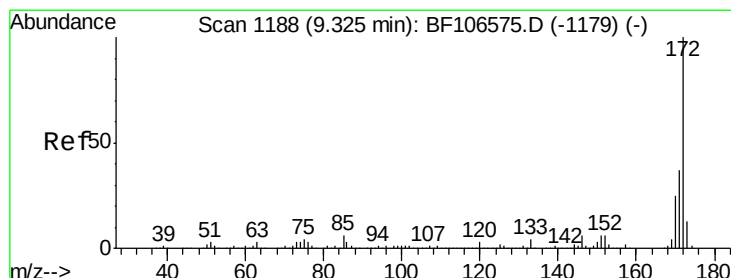
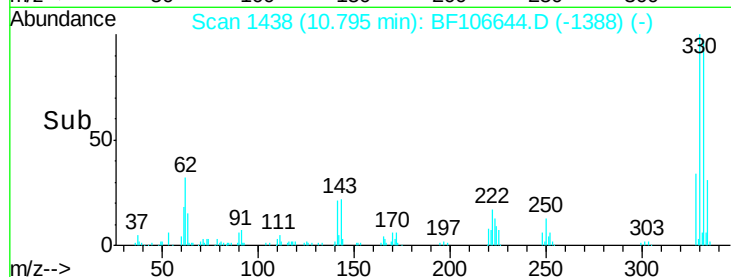
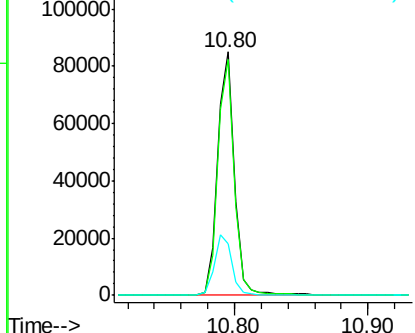
#41
 2,4,6-Tribromophenol
 Concen: 47.683 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion: 330 Resp: 75381
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 25.8 29.9 44.9#

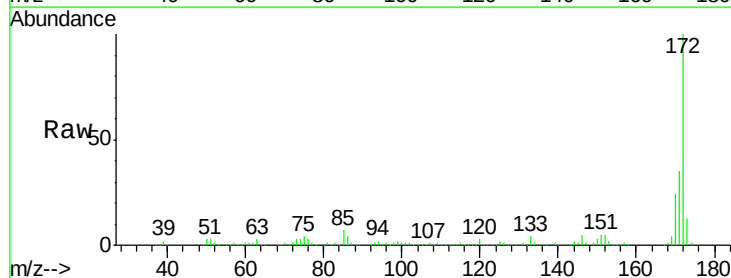


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

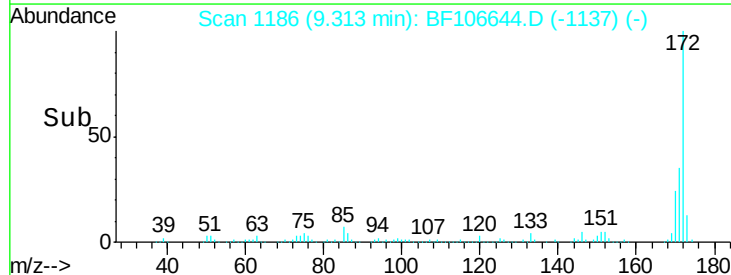
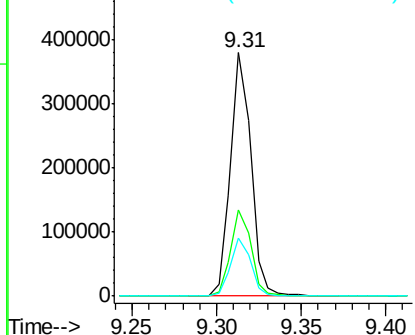


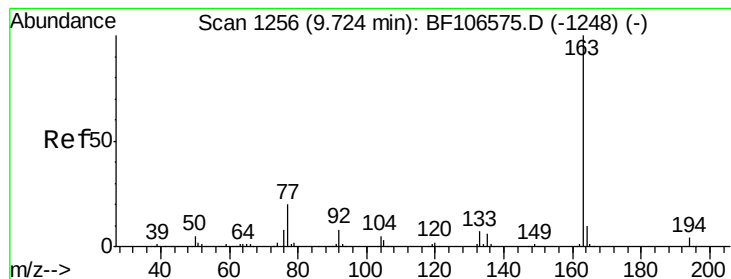
#44
 2-Fluorobiphenyl
 Concen: 30.518 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

Tgt Ion: 172 Resp: 322114
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.9 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: 3.357 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampleId :

TP-13

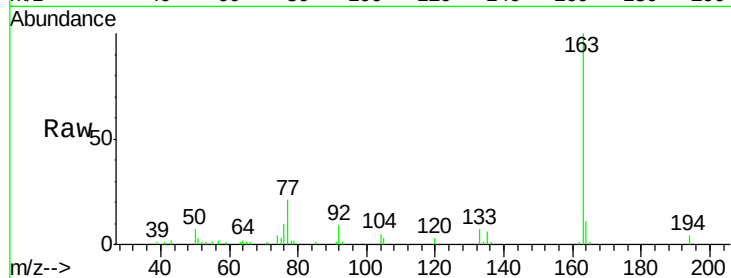
Tgt Ion:163 Resp: 34344

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

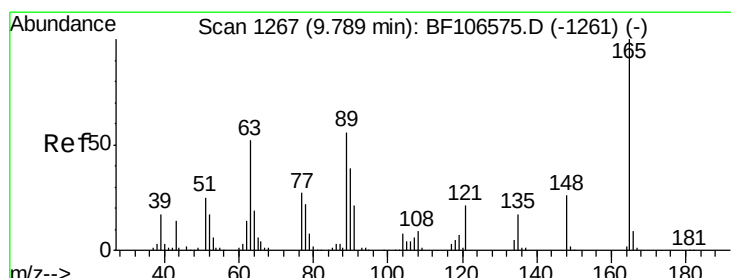
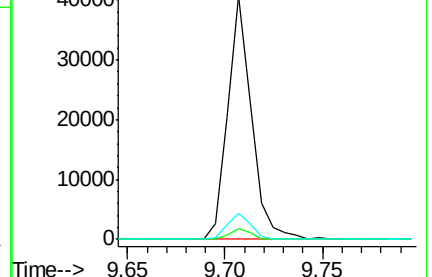
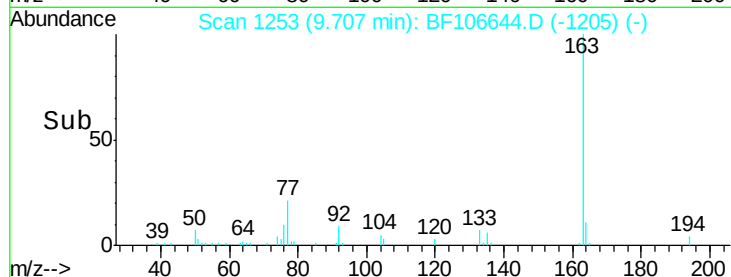
164 10.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.989 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

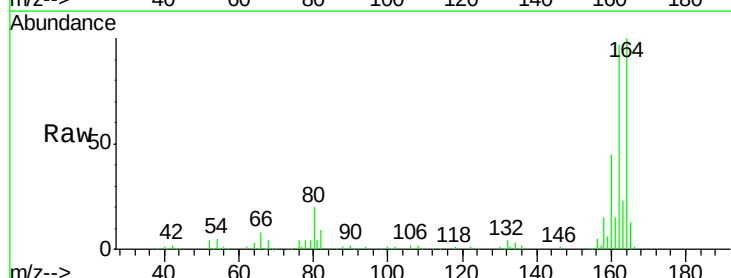
Tgt Ion:165 Resp: 17306

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

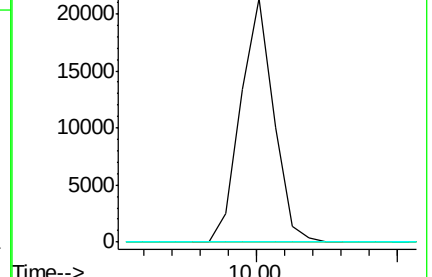
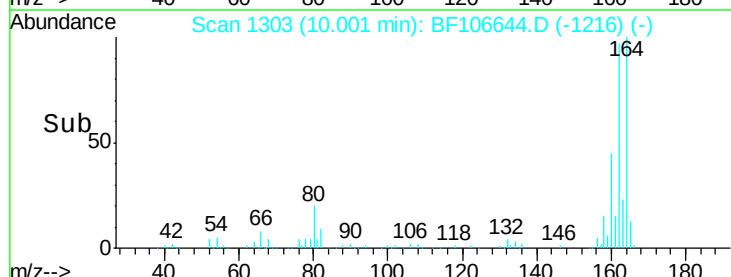
89 0.0 44.0 66.0#

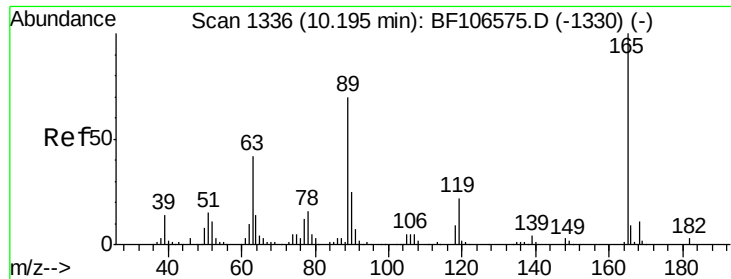


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

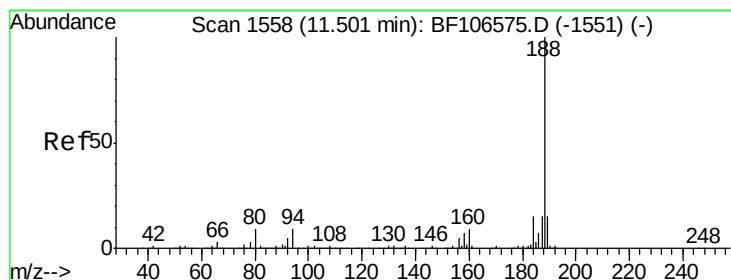
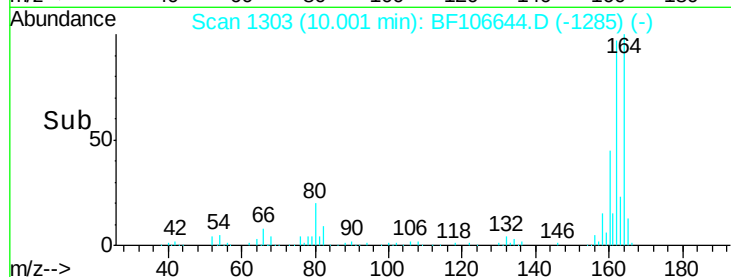
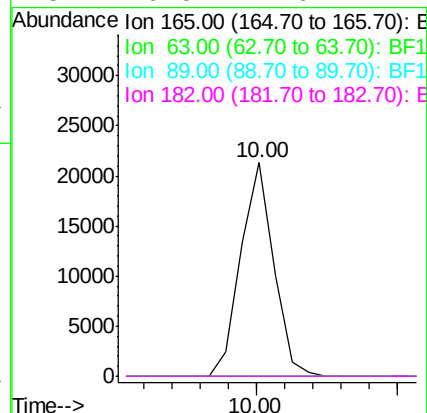
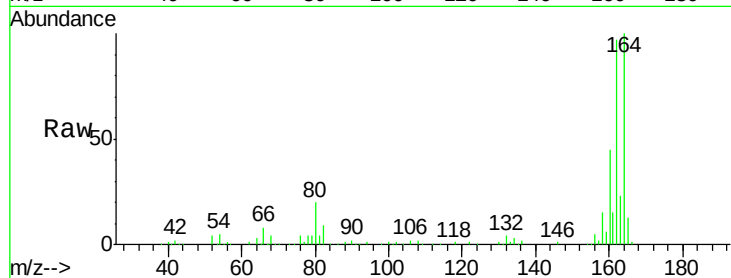




#56
2,4-Dinitrotoluene
Concen: 6.121 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

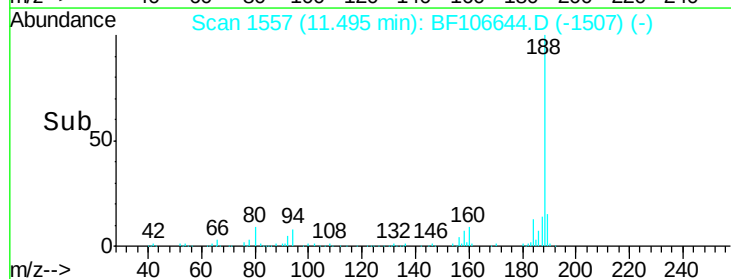
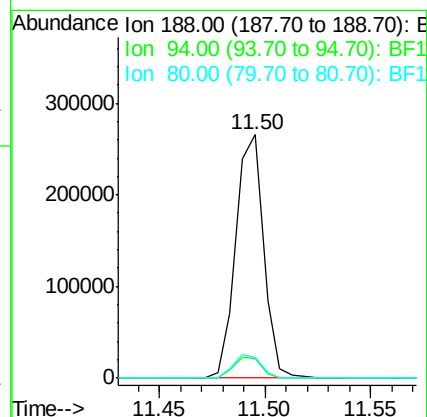
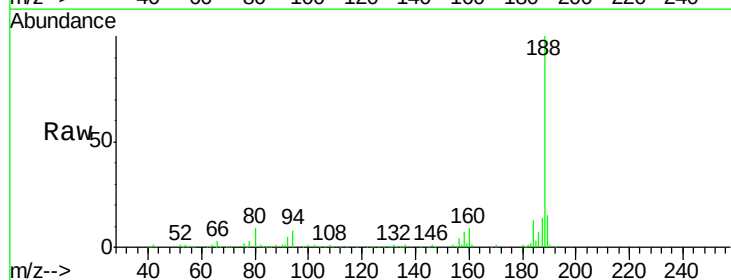
Instrument :
BNA_F
ClientSampleId :
TP-13

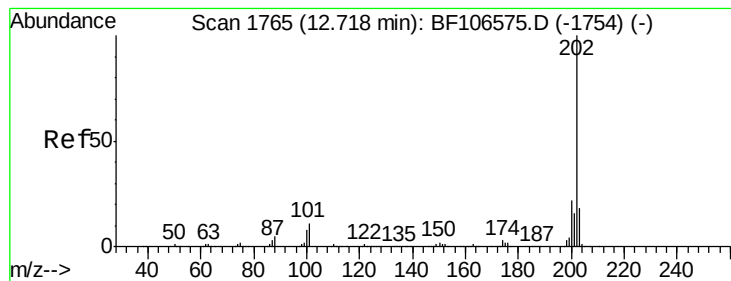
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#





#74

Fluoranthene

Concen: 2.225 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampleId :

TP-13

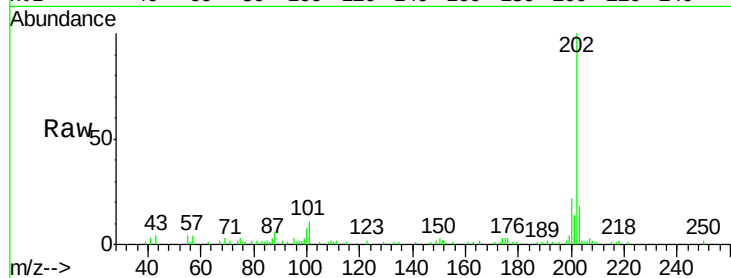
Tgt Ion:202 Resp: 28546

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

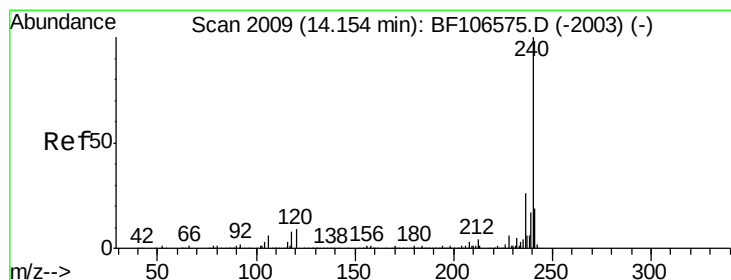
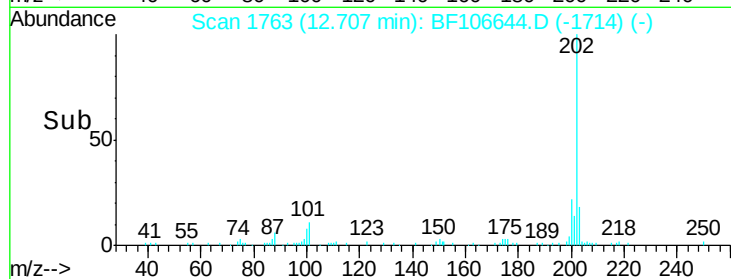
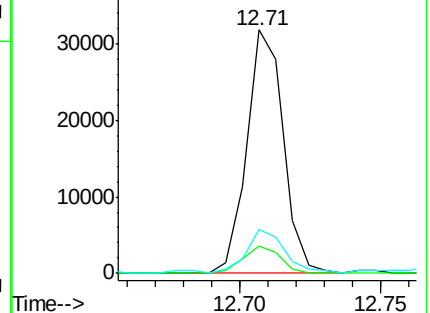
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

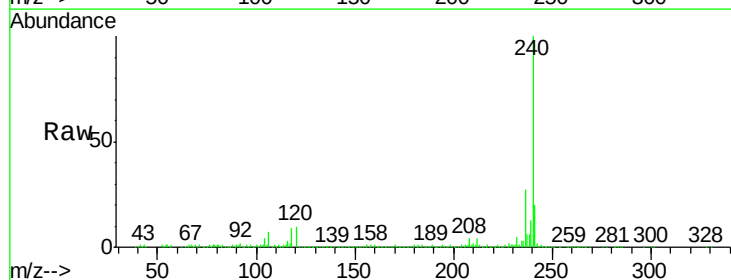
Tgt Ion:240 Resp: 270239

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

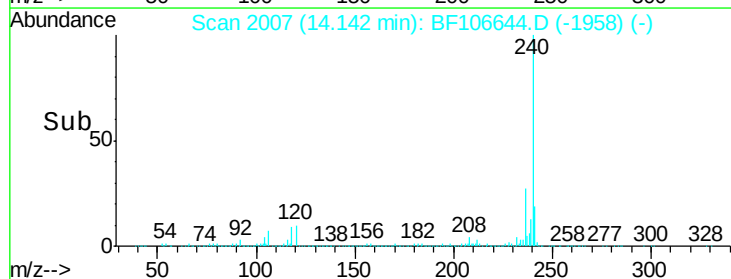
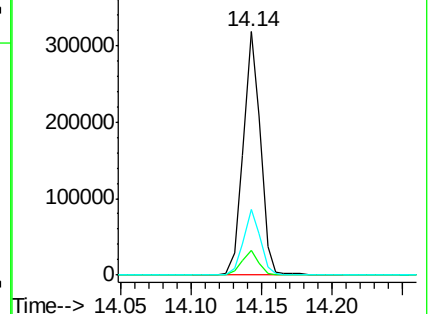
236 26.9 20.7 31.1

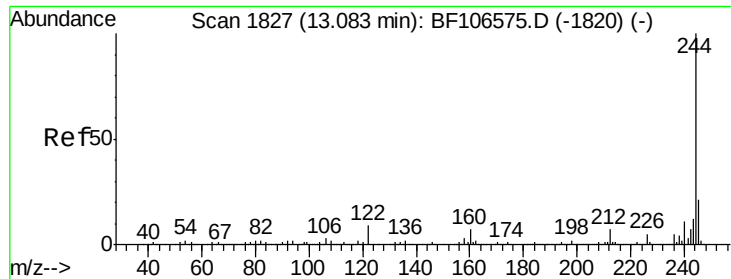


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

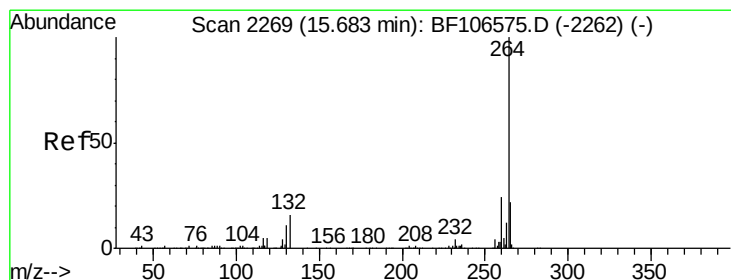
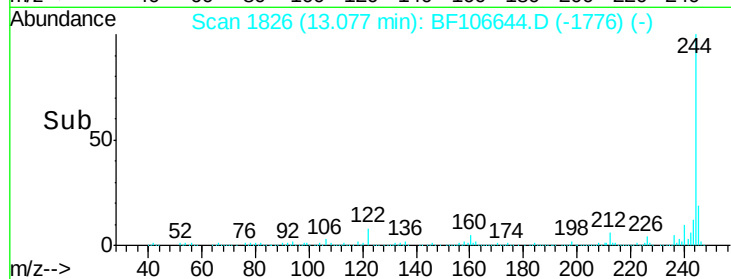
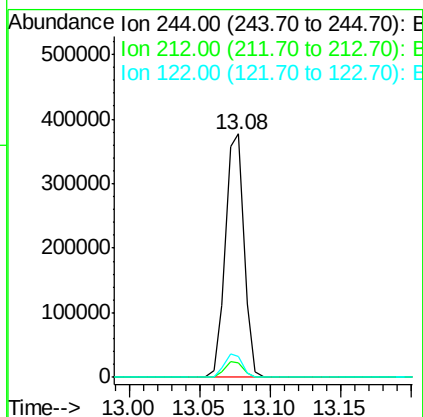
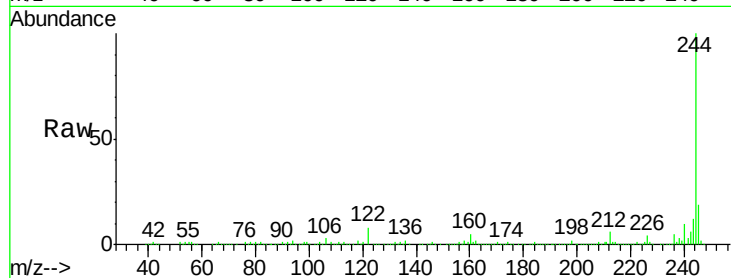




#78
 Terphenyl-d14
 Concen: 31.193 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

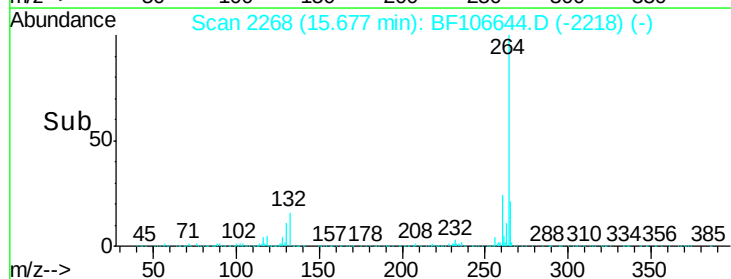
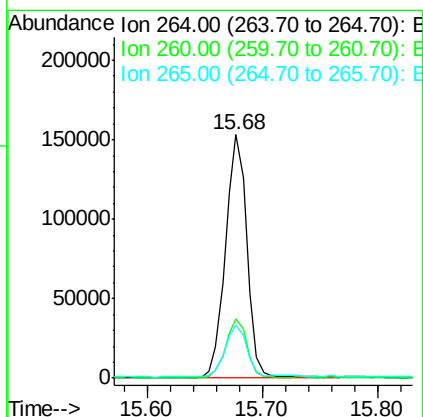
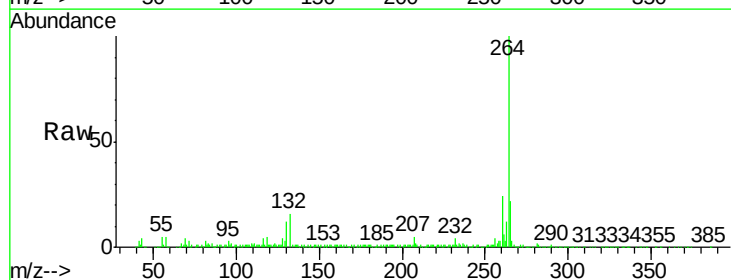
Instrument :
 BNA_F
 ClientSampleId :
 TP-13

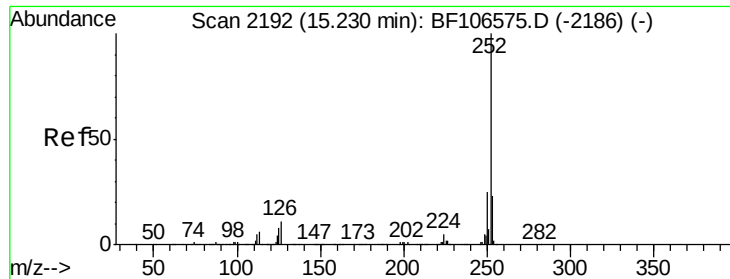
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	8.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

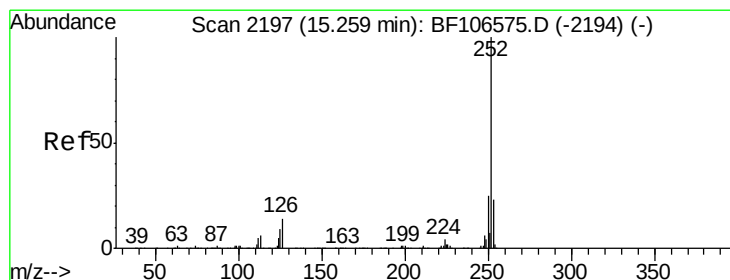
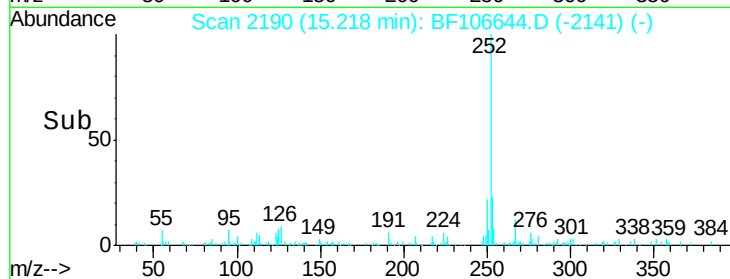
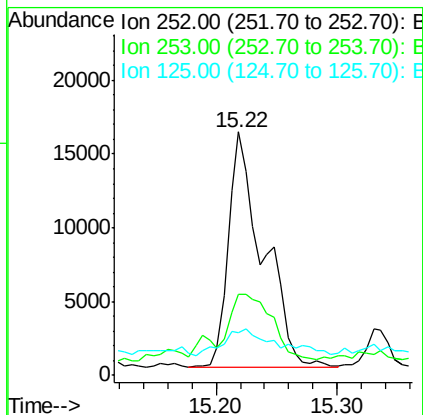
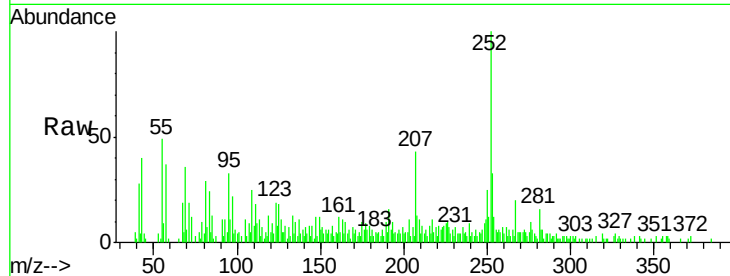




#87
Benzo(b)fluoranthene
Concen: 2.592 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	17.0	25.6#
125	17.7	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 2.722 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	17.9	26.9#
125	17.7	10.2	15.2#

