

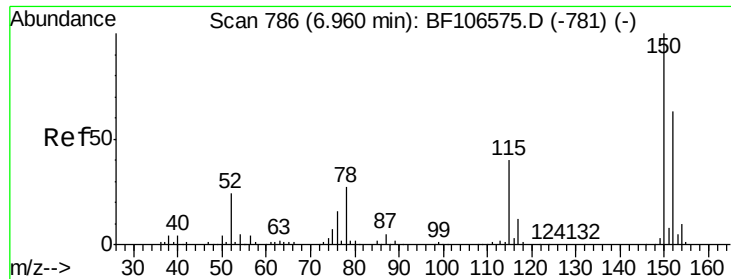
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106948.D
 Acq On : 29 Jun 2018 3:36
 Operator : JU/SJ
 Sample : J3746-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

Quant Time: Jun 29 05:58:01 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	60994	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207282	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	85676	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	150781	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203449	20.00	ng	-0.03
86) Perylene-d12	15.67	264	176721	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	354852	98.51	ng	0.00
7) Phenol-d6	6.60	99	420290	93.43	ng	-0.02
23) Nitrobenzene-d5	7.51	82	255500	68.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	100143	100.85	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	416800	81.79	ng	-0.02
78) Terphenyl-d14	13.07	244	464559	55.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	32963	11.117	ng	# 74
25) Isophorone	7.51	82	255498	38.873	ng	# 64
49) Dimethylphthalate	9.70	163	92630	14.415	ng	100
56) 2,4-Dinitrotoluene	9.99	165	10500	5.912	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6208	3.450	ng	# 1
74) Fluoranthene	12.70	202	19555	2.440	ng	96
88) Benzo(k)fluoranthene	15.21	252	21225	2.030	ng	95

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

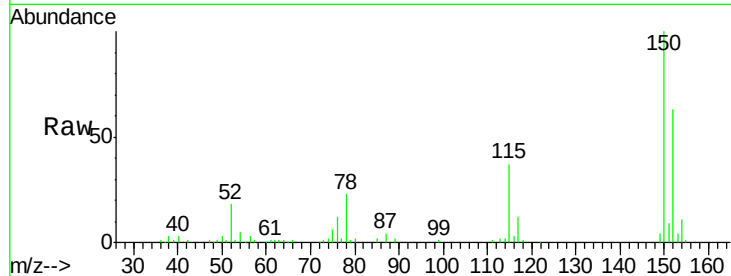


#1

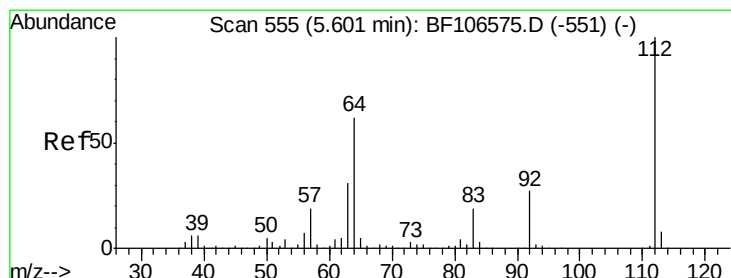
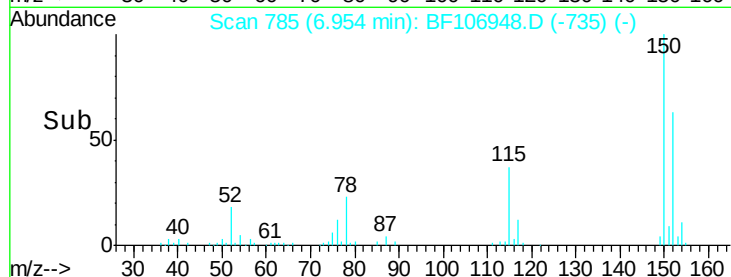
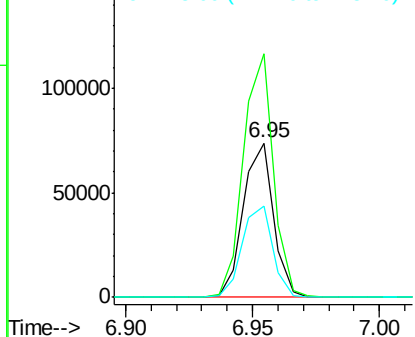
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion:152 Resp: 60994
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 59.1 50.1 75.1



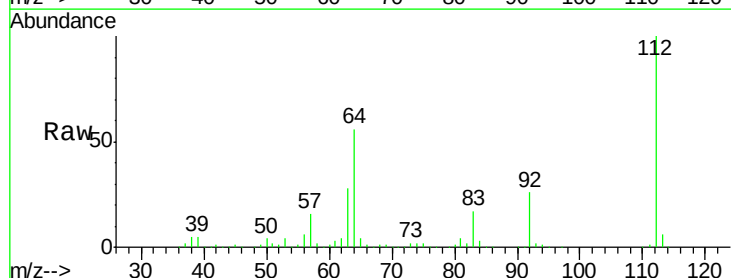
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



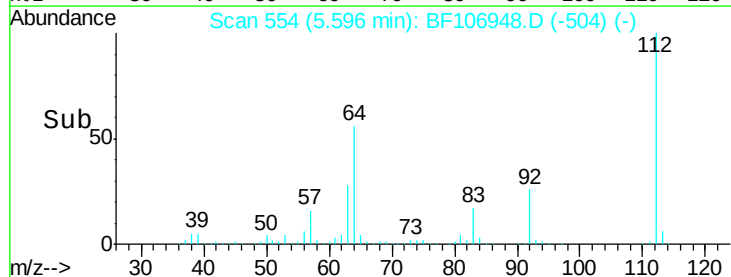
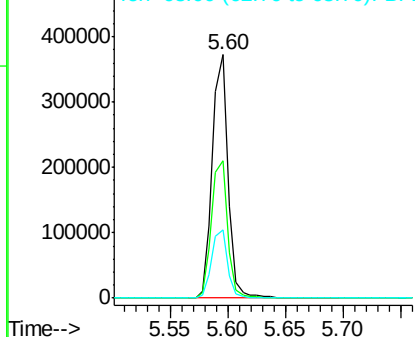
#5

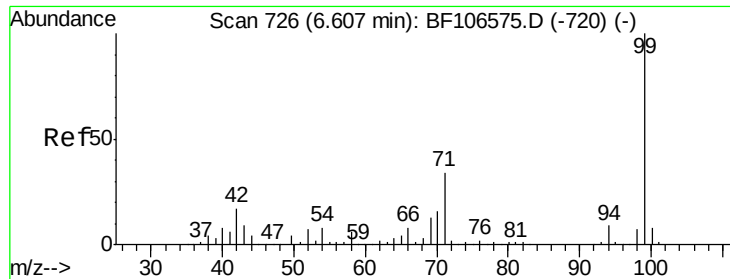
2-Fluorophenol
Concen: 98.514 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Tgt Ion:112 Resp: 354852
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 27.9 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: 93.434 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106948.D

Acq: 29 Jun 2018 3:36

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

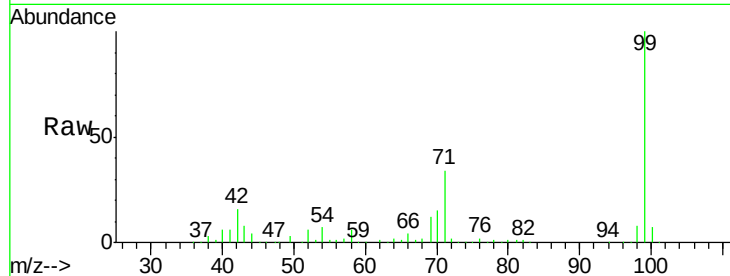
Tgt Ion: 99 Resp: 420290

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

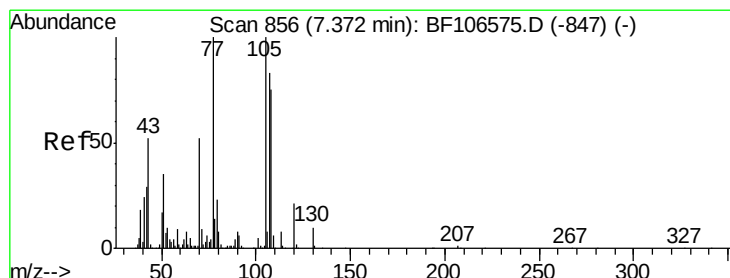
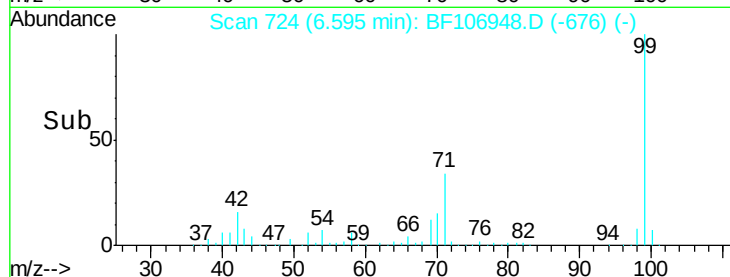
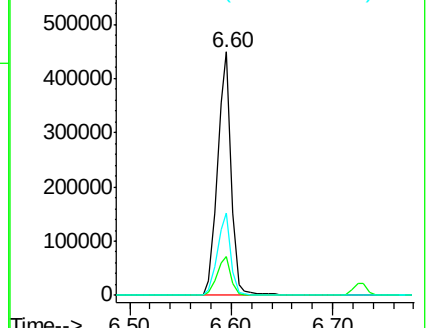
71 33.7 25.4 38.0



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: 11.117 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF106948.D

Acq: 29 Jun 2018 3:36

Tgt Ion: 70 Resp: 32963

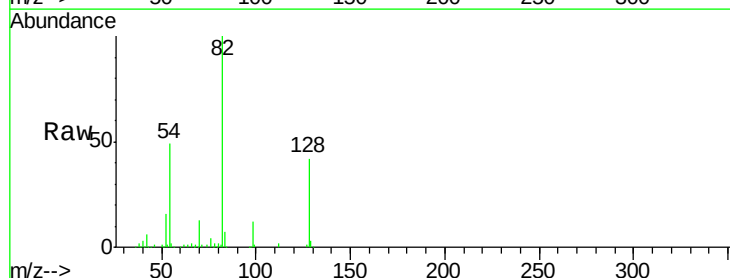
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

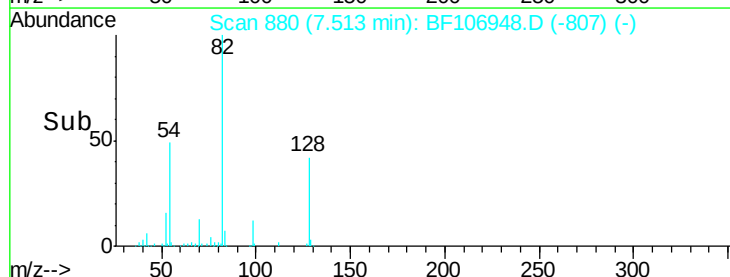
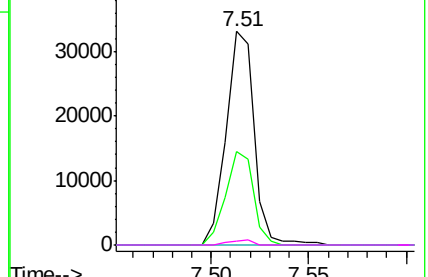


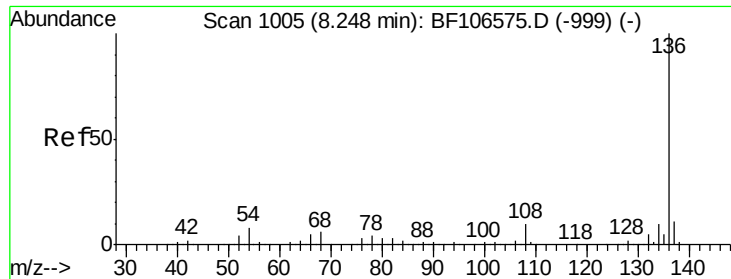
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

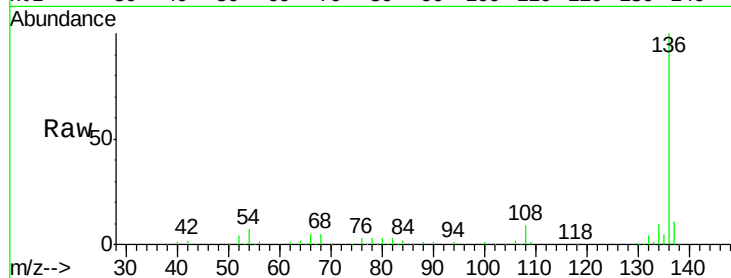




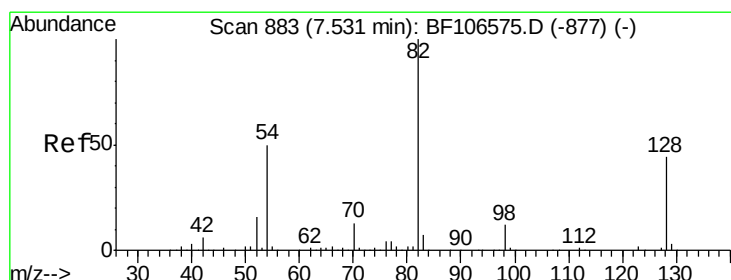
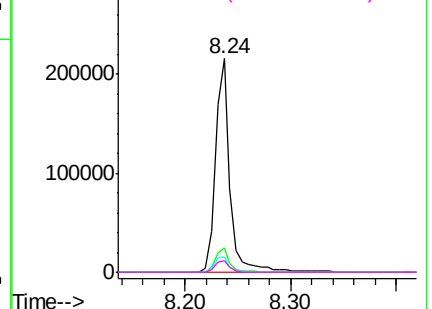
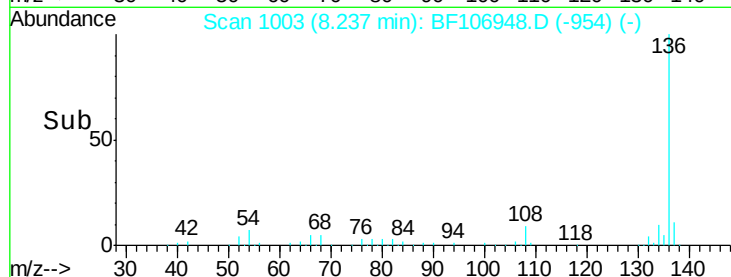
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 136 Resp: 207282
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.6 9.8
68 5.5 5.0 7.4

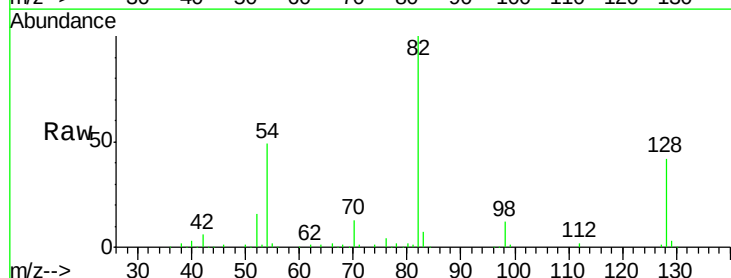


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

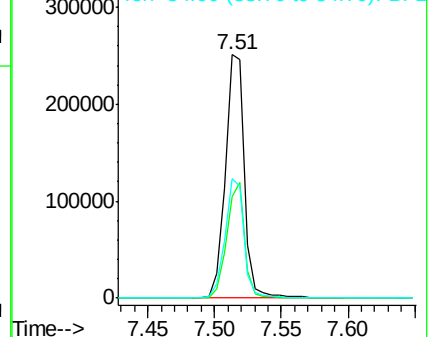
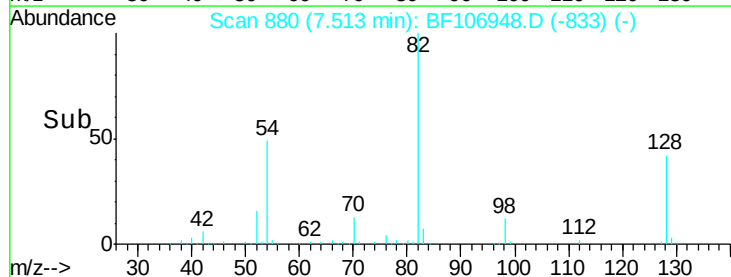


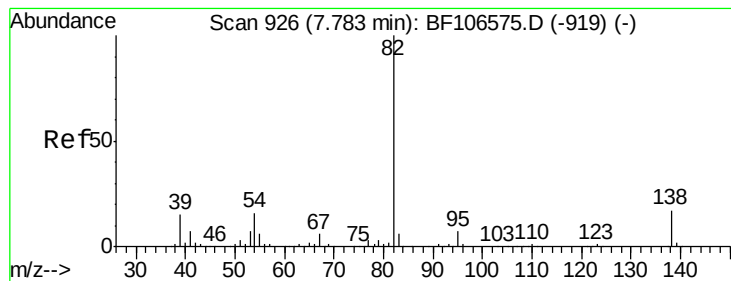
#23
Nitrobenzene-d5
Concen: 68.501 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Tgt Ion: 82 Resp: 255500
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 49.3 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: 38.873 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF106948.D

Acq: 29 Jun 2018 3:36

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

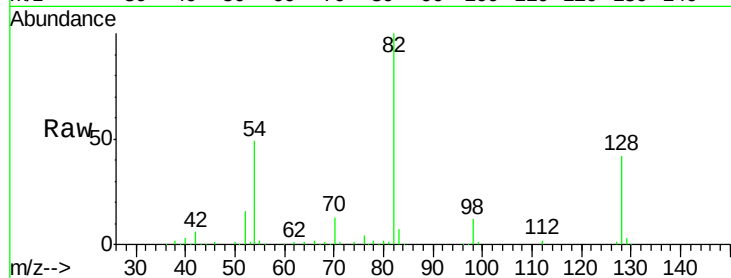
Tgt Ion: 82 Resp: 255498

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

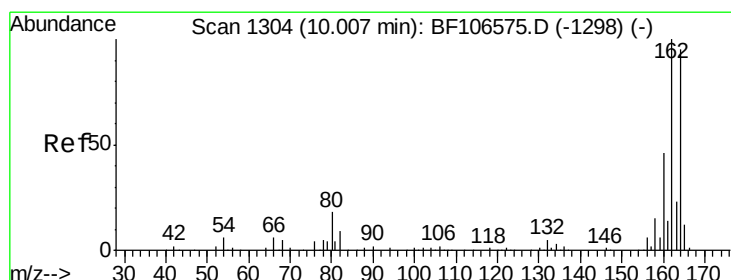
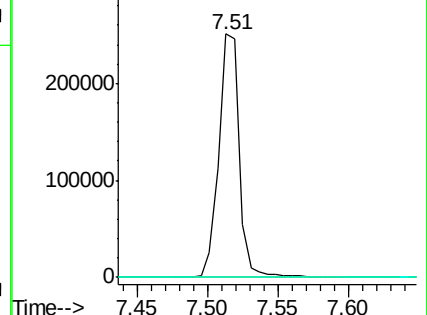
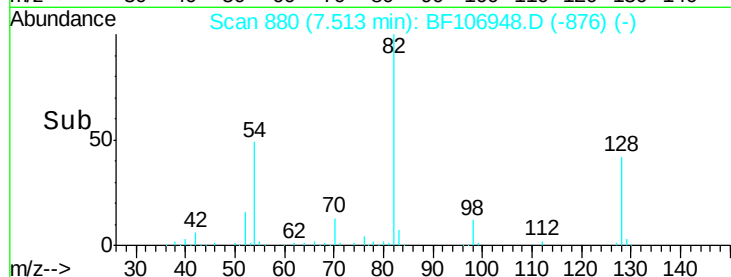
138 0.0 14.9 22.3#



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: BF106948.D

Acq: 29 Jun 2018 3:36

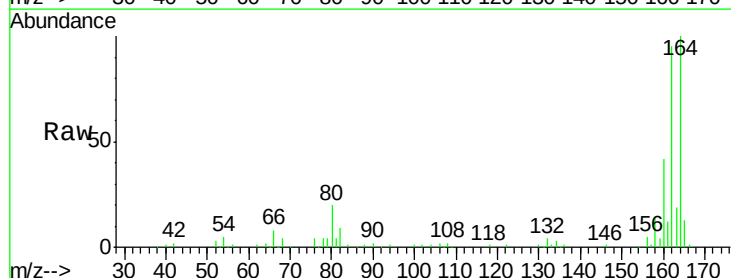
Tgt Ion: 164 Resp: 85676

Ion Ratio Lower Upper

164 100

162 95.2 86.1 129.1

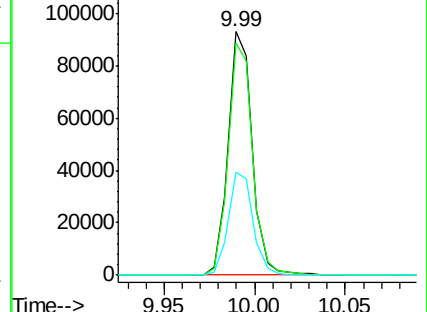
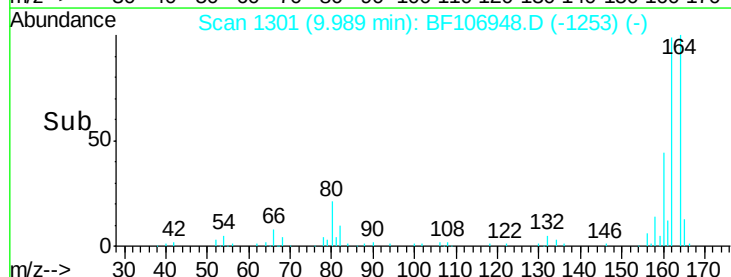
160 42.0 38.3 57.5

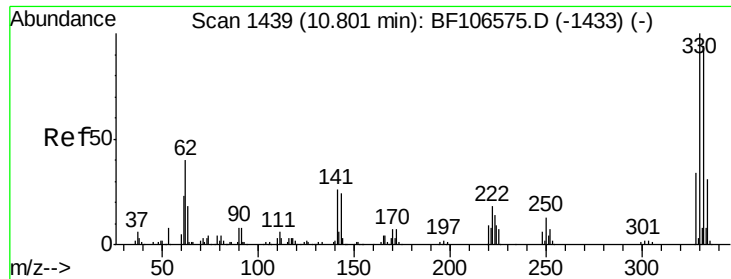


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

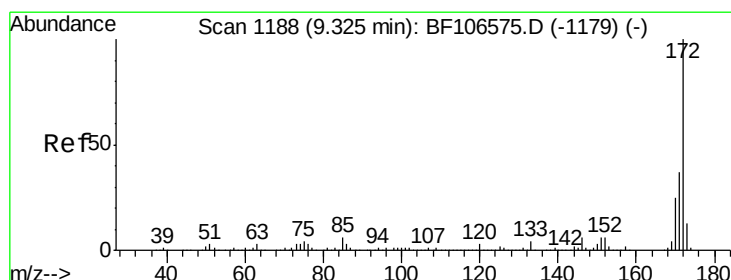
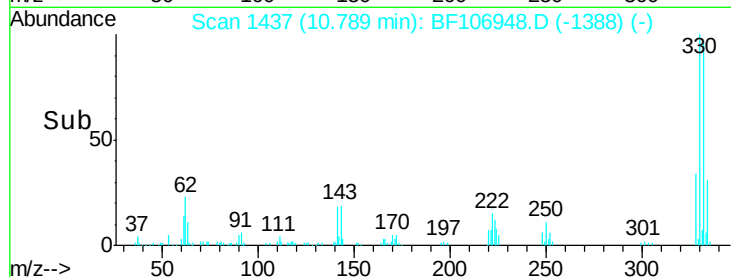
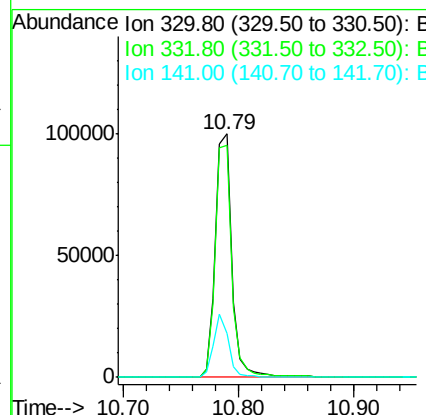
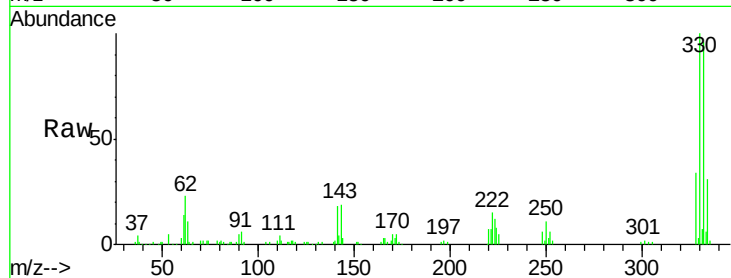




#41
 2,4,6-Tribromophenol
 Concen: 100.848 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

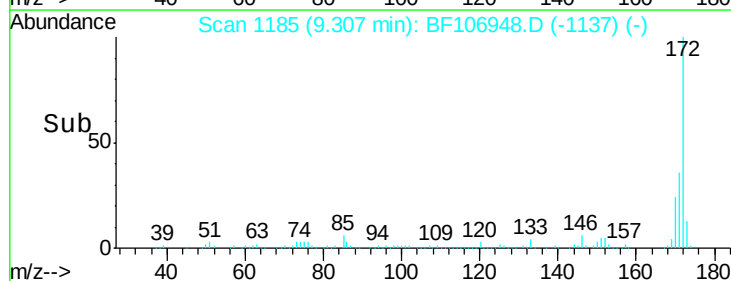
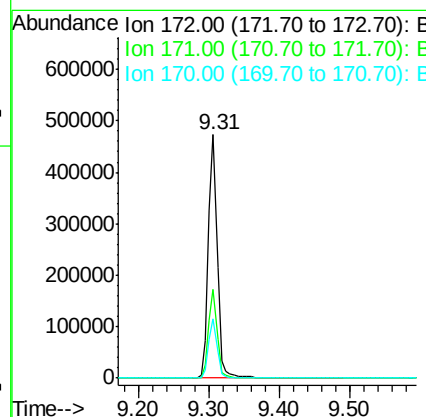
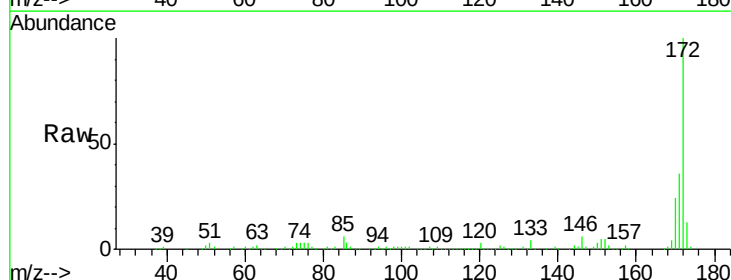
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

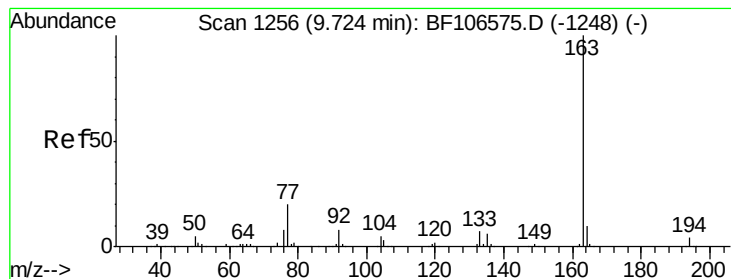
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	23.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 81.786 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 14.415 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106948.D

Acq: 29 Jun 2018 3:36

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

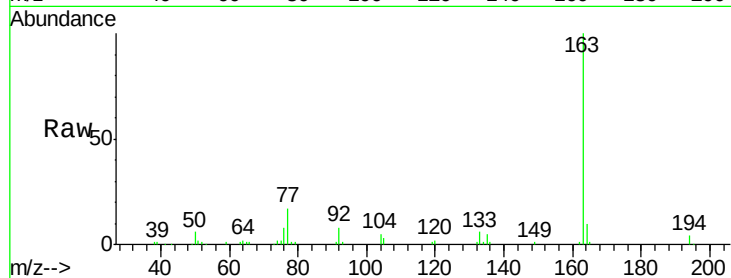
Tgt Ion:163 Resp: 92630

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

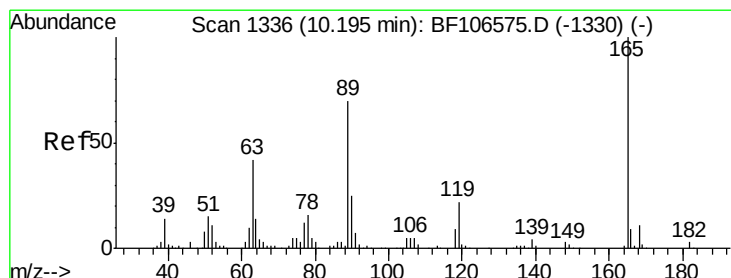
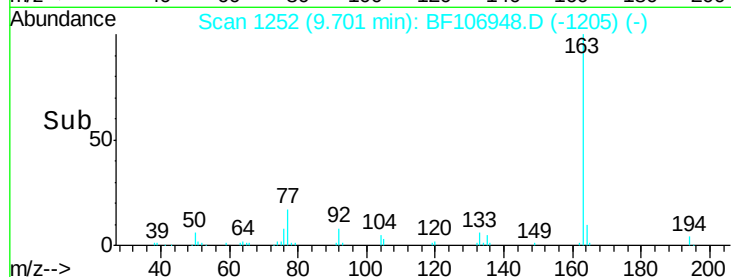
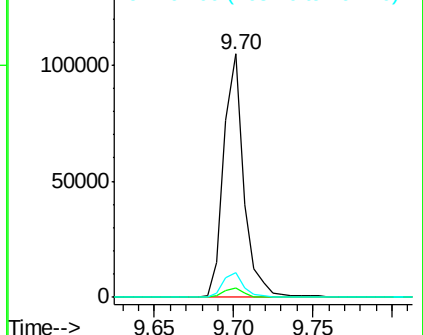
164 10.4 8.2 12.2



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: 5.912 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF106948.D

Acq: 29 Jun 2018 3:36

Tgt Ion:165 Resp: 10500

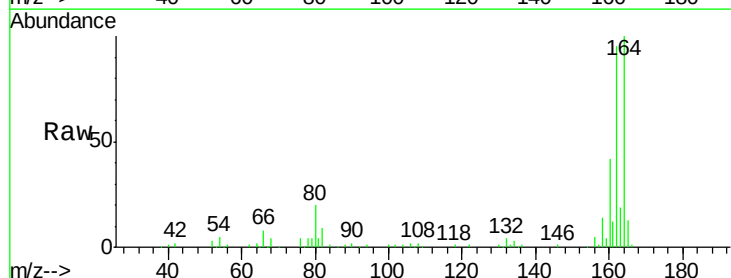
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

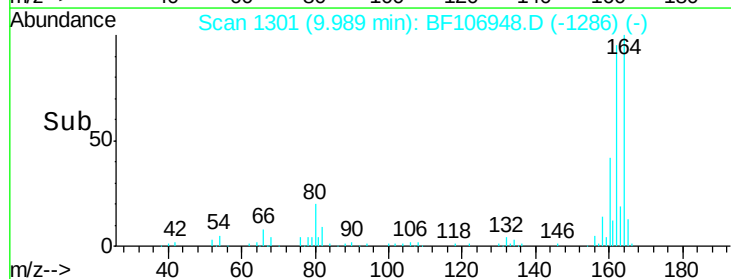
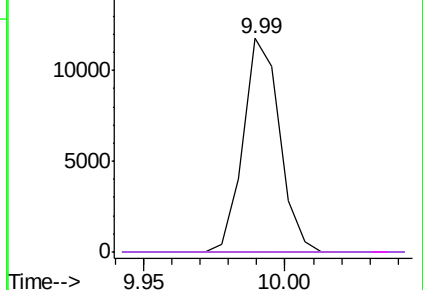


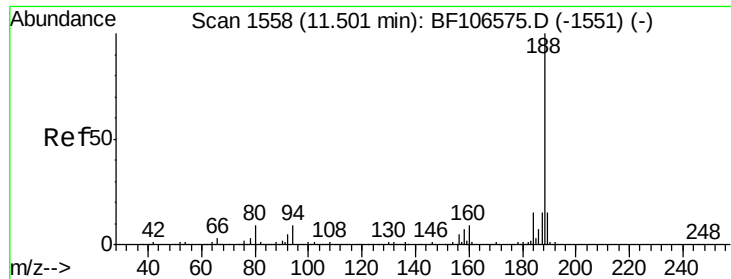
Abundance Ion 165.00 (164.70 to 165.70): E

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

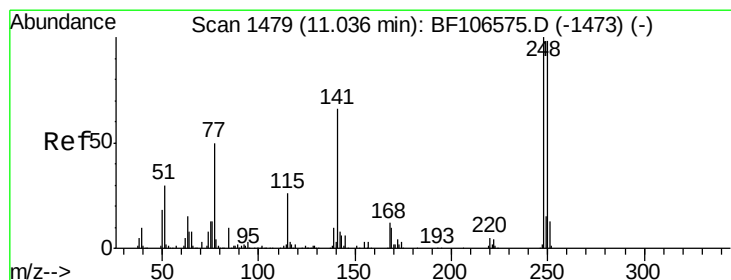
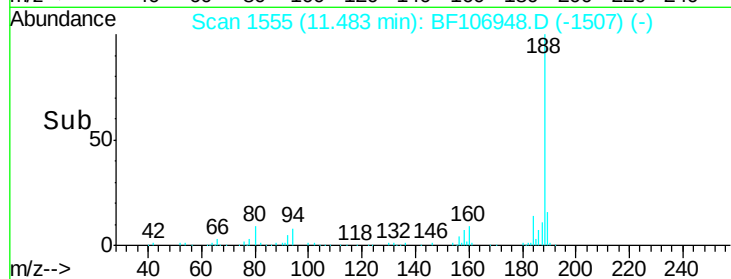
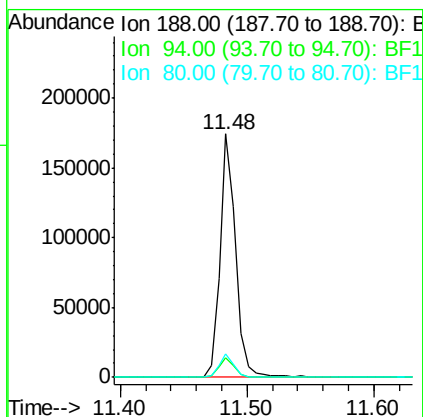
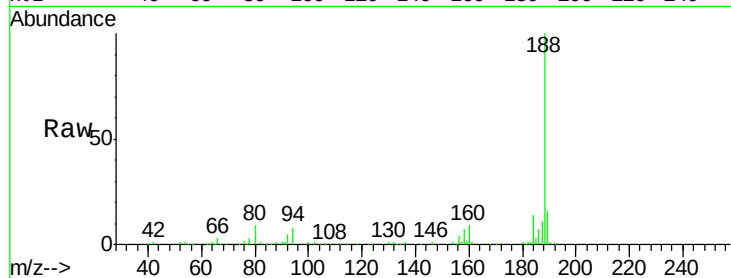




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

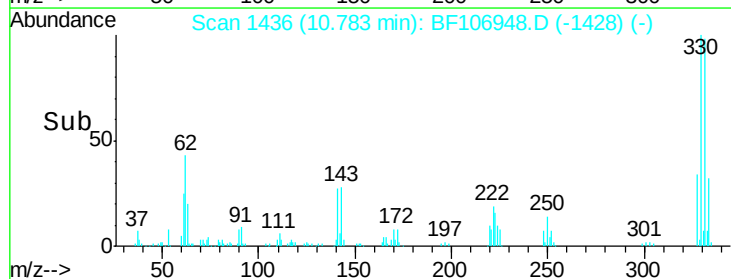
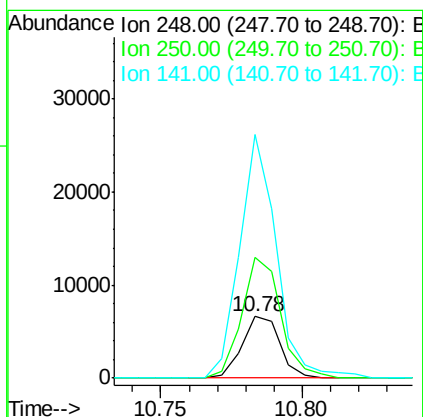
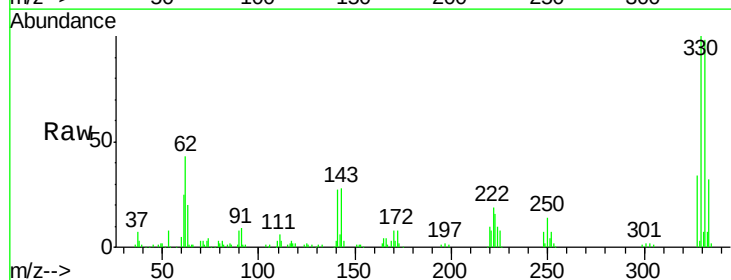
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

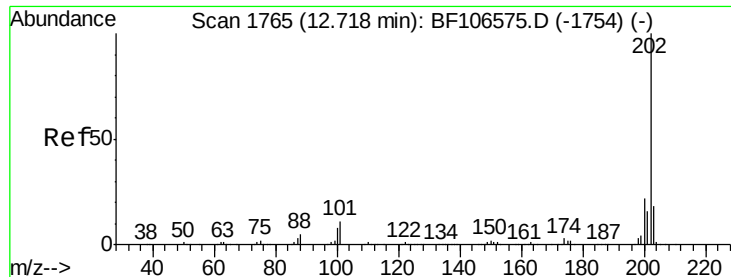
Tgt Ion:188 Resp: 150781
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.450 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Tgt Ion:248 Resp: 6208
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 396.2 74.4 111.6#

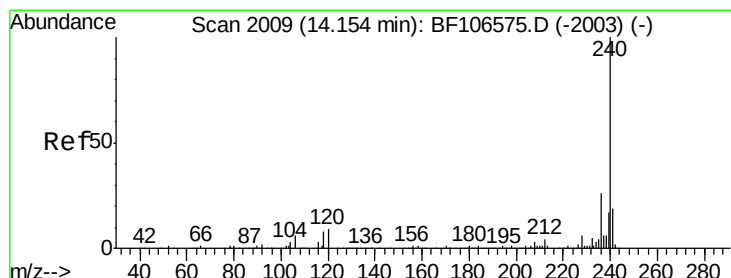
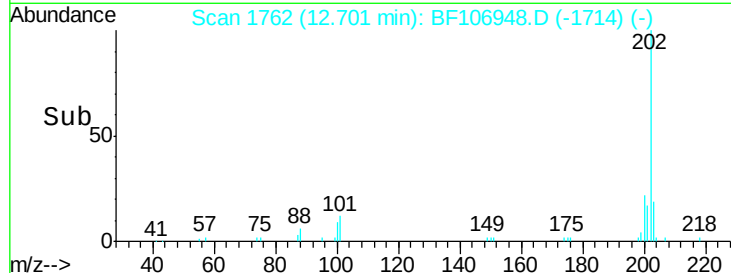
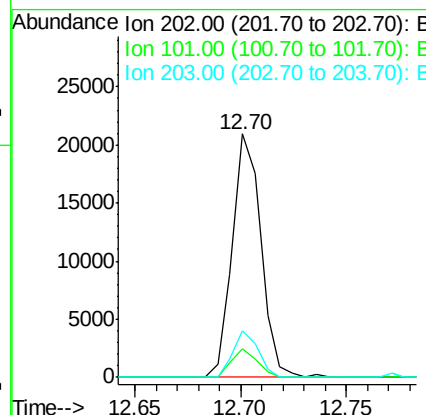
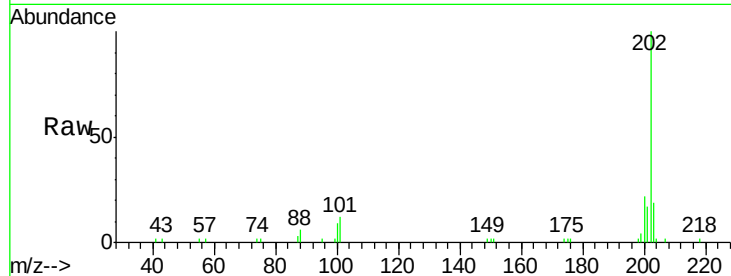




#74
Fluoranthene
Concen: 2.440 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

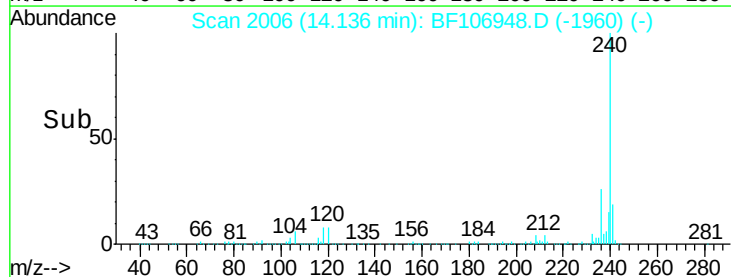
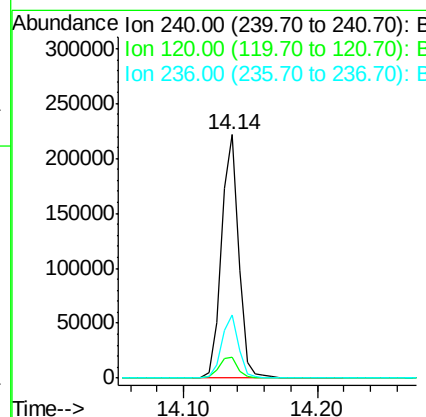
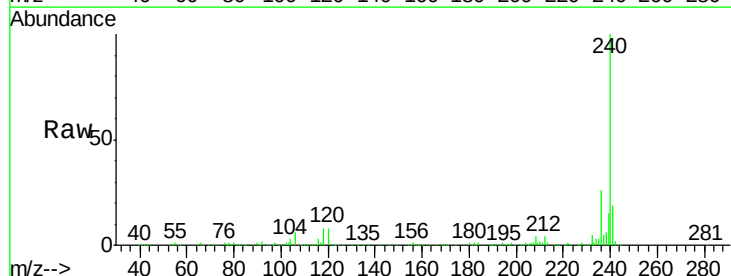
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

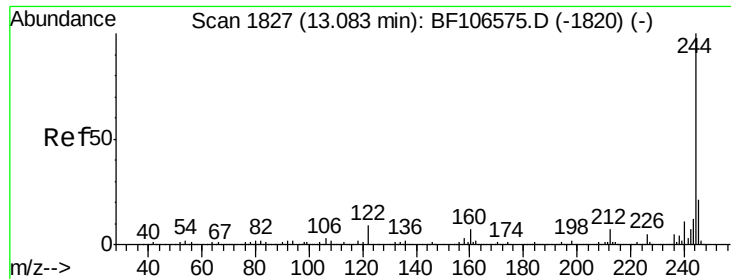
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	19.0	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	26.0	20.7	31.1

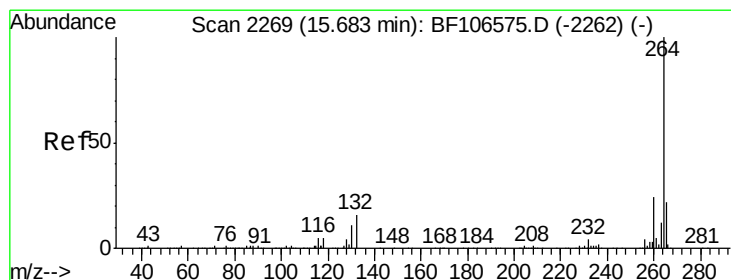
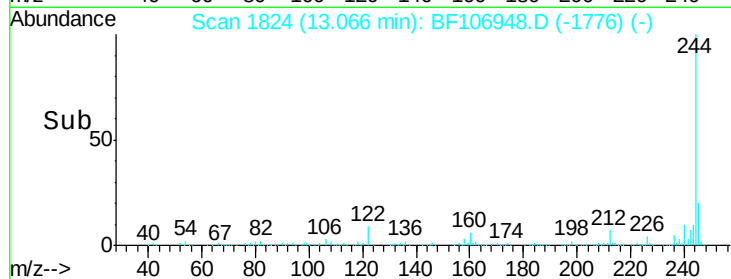
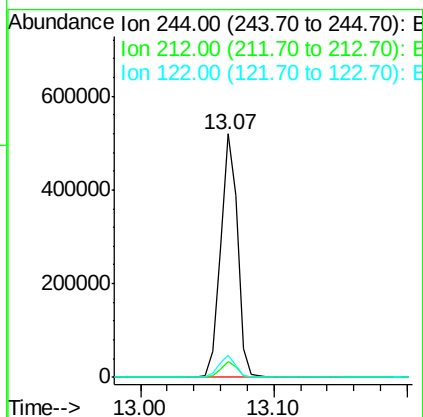
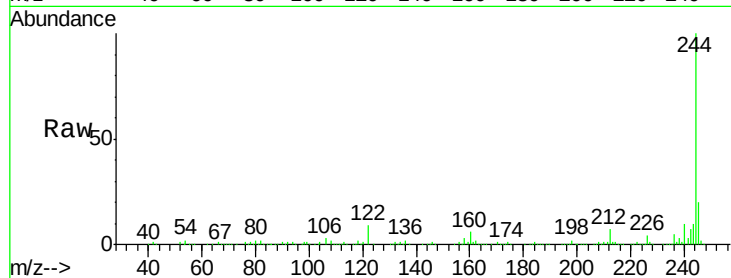




#78
 Terphenyl-d14
 Concen: 55.311 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

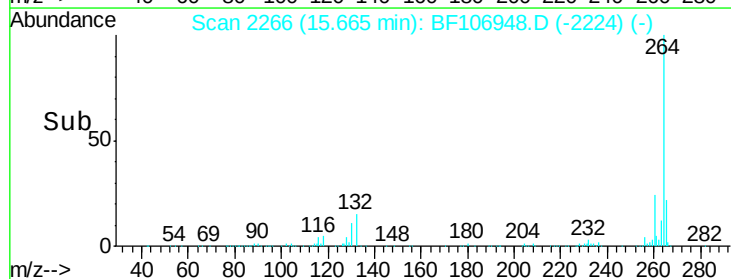
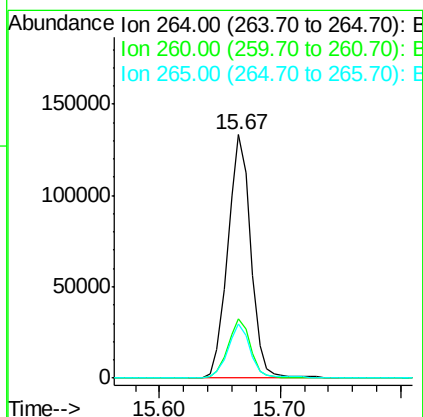
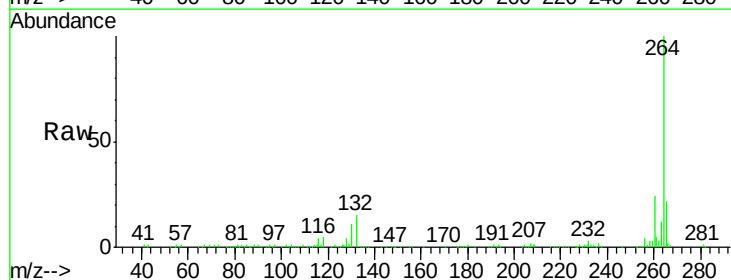
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

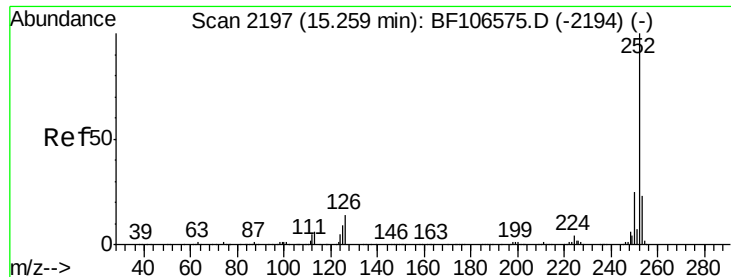
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





#88

Benzo(k)fluoranthene

Concen: 2.030 ng

RT: 15.21 min Scan# 2188

Delta R.T. -0.09 min

Lab File: BF106948.D

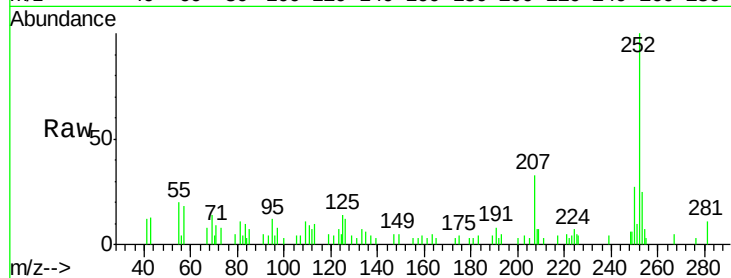
Acq: 29 Jun 2018 3:36

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A



Tgt Ion: 252 Resp: 21225

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

125 14.0 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

