

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 07:00:11 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

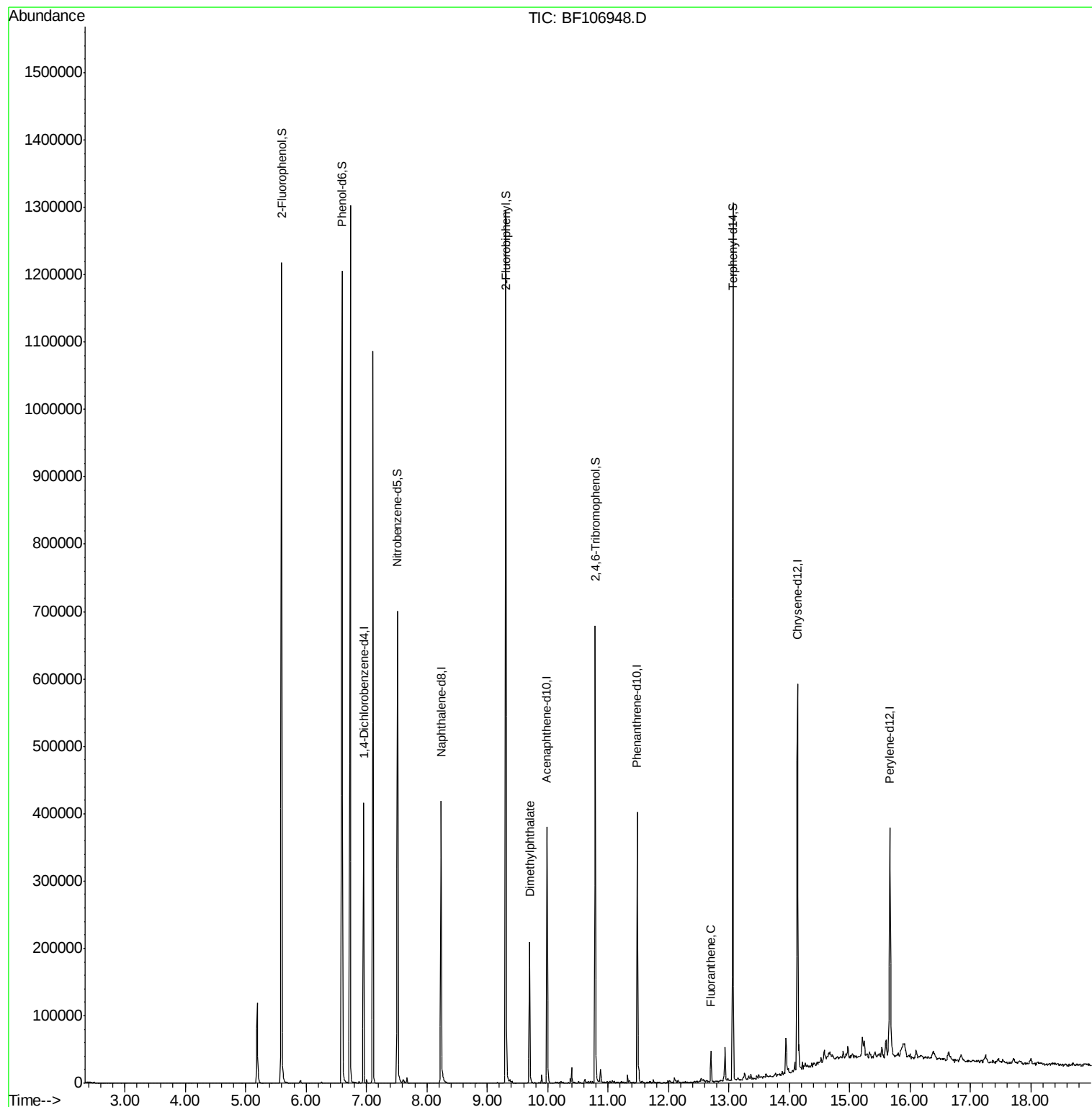
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60994	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207282	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	85676	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	150781	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203449	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						
49) Dimethylphthalate	9.70	163	92630	14.415	ng	100
74) Fluoranthene	12.70	202	19555	2.440	ng	96

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

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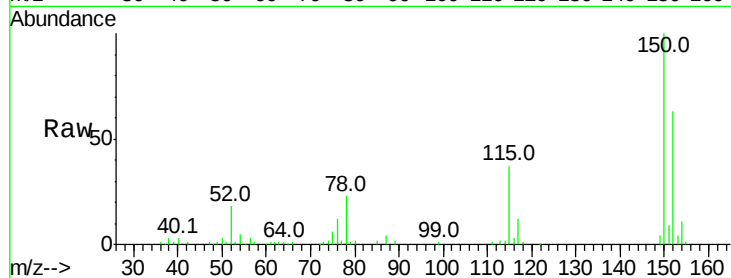


#1

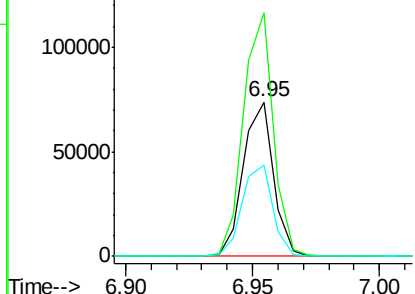
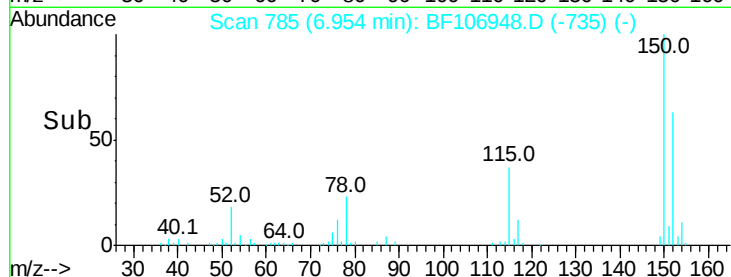
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

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

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



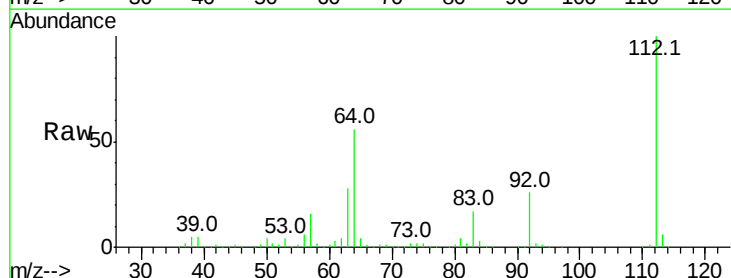
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



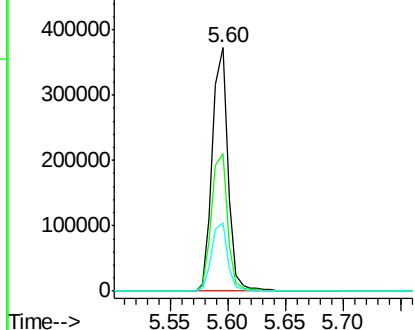
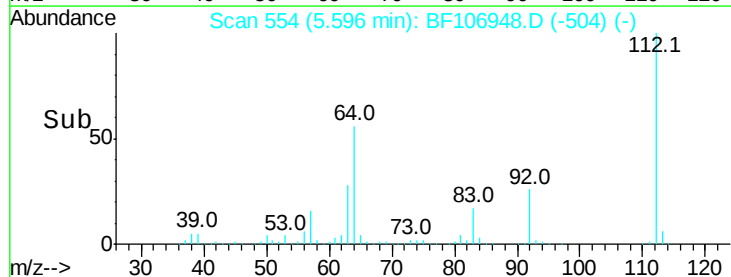
#5

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

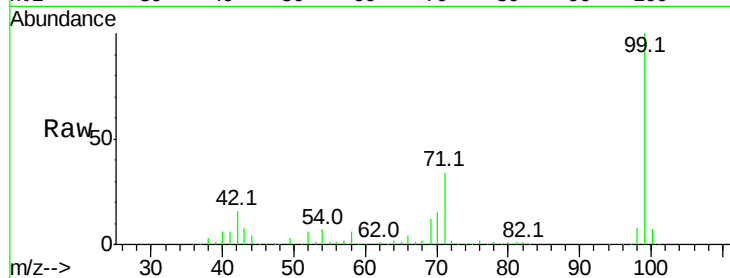
Tot Ion: 99 Resp: 420290

Ion Ratio Lower Upper

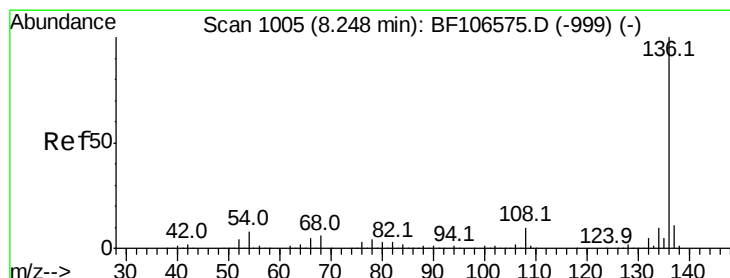
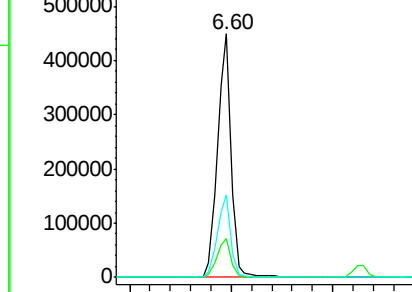
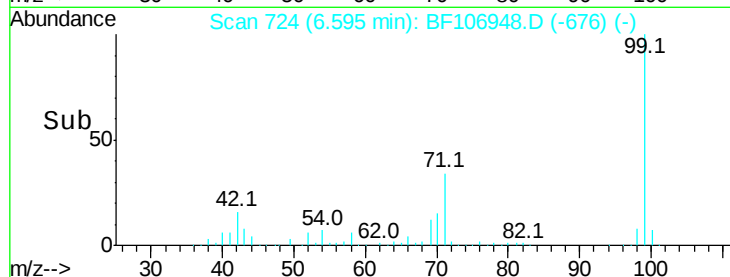
99 100

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



#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

Tgt Ion: 136 Resp: 207282

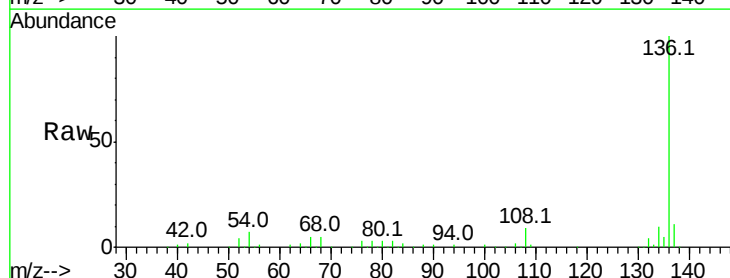
Ion Ratio Lower Upper

136 100

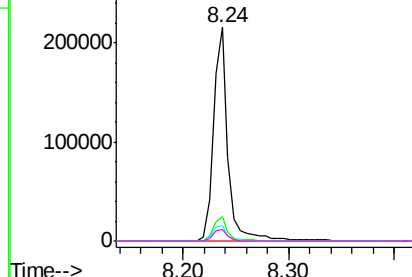
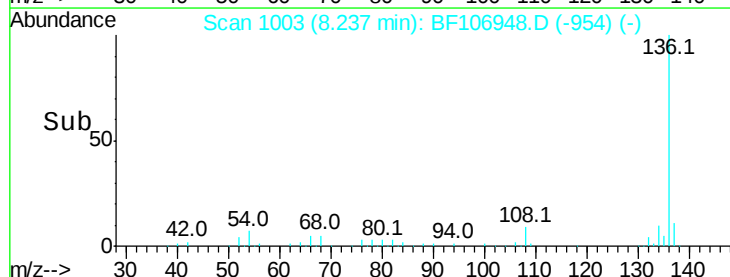
137 11.2 8.9 13.3

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

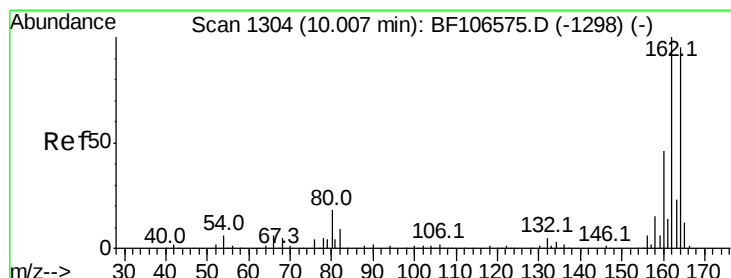
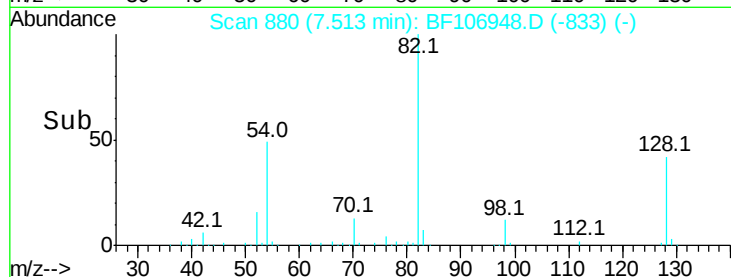
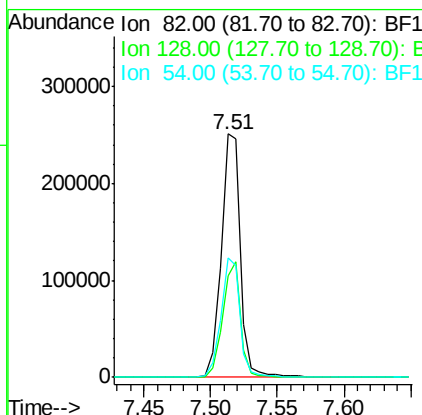
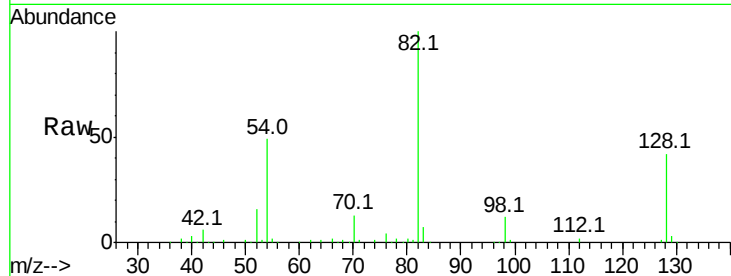




#23
Nitrobenzene-d5
Concen: 68.501 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

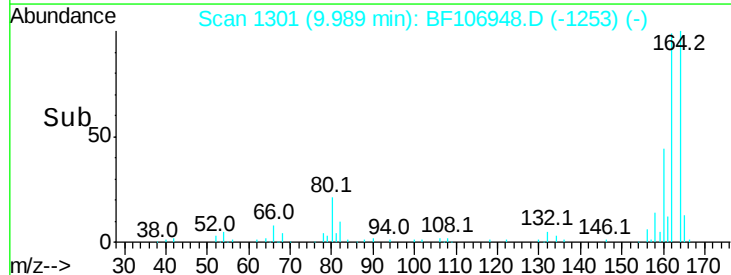
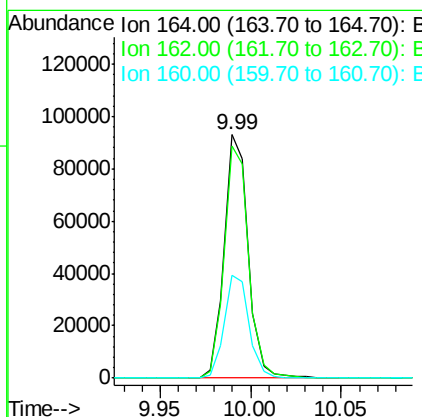
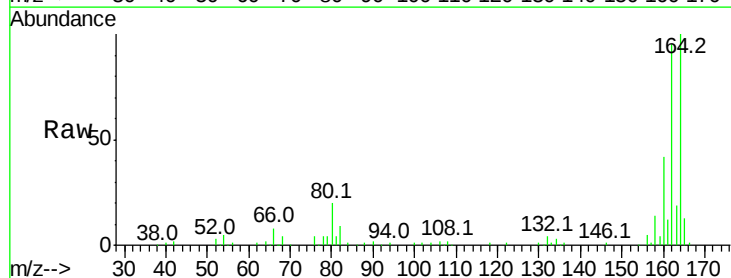
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tot Ion: 82 Resp: 255500
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 49.3 41.4 62.2



#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

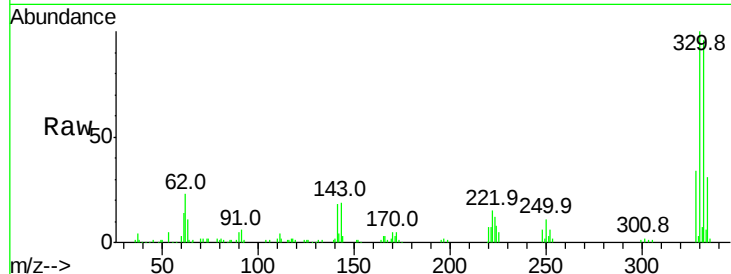




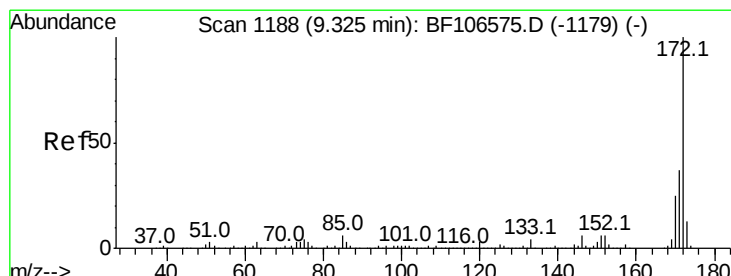
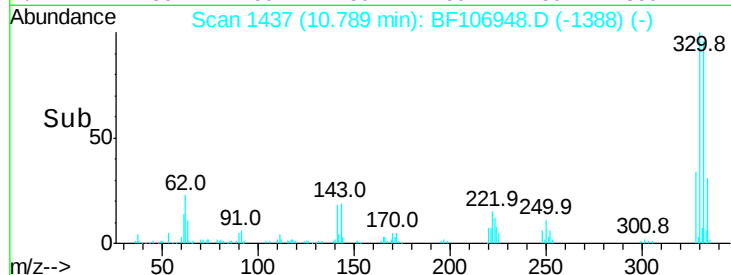
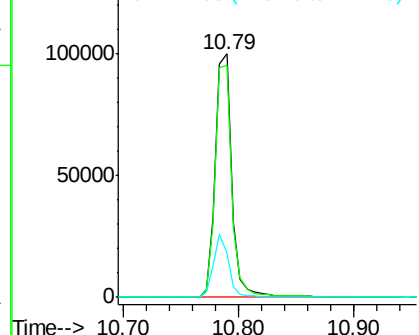
#41
 2,4,6-Tribromophenol
 Concen: 100.848 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

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

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

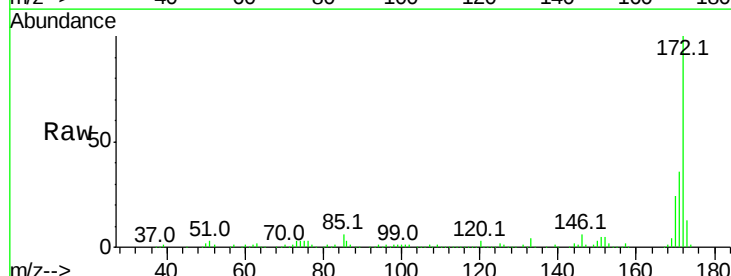


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

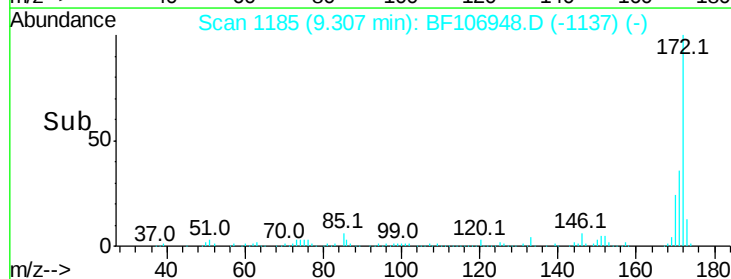
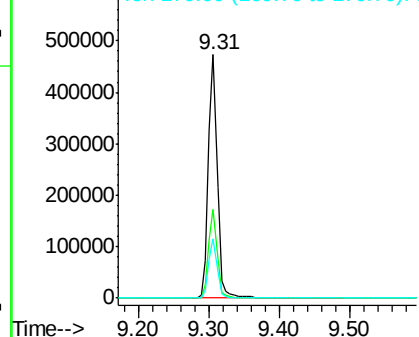


#44
 2-Fluorobiphenyl
 Concen: 81.786 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

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



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: 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

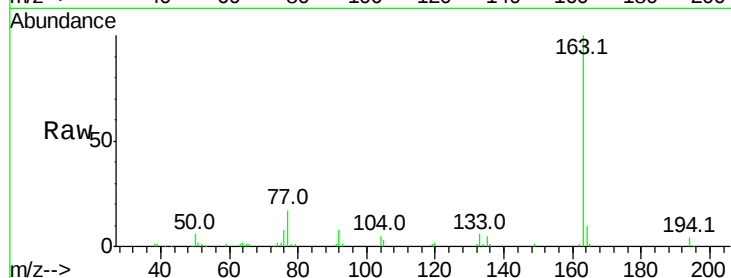
Tot Ion:163 Resp: 92630

Ion Ratio Lower Upper

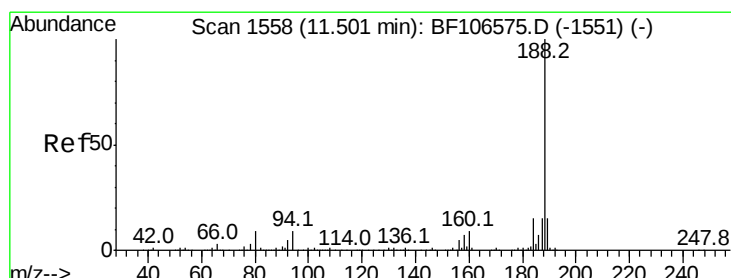
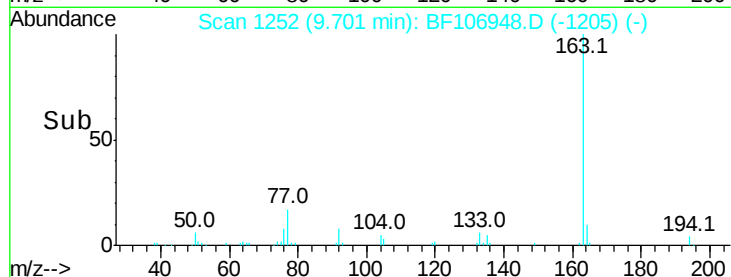
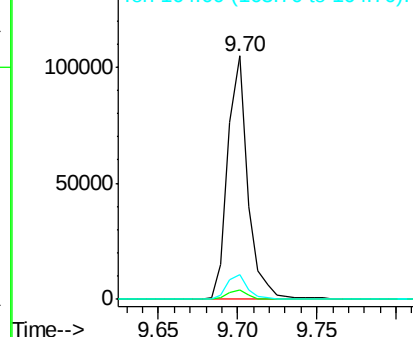
163 100

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



#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

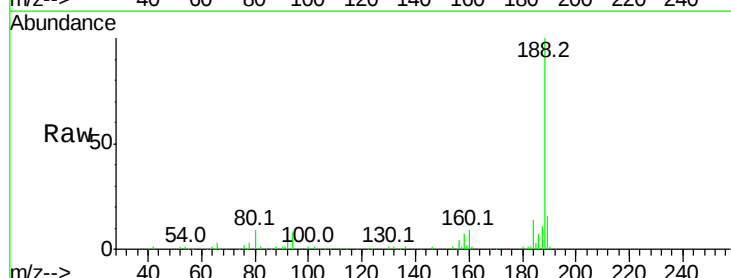
Tgt Ion:188 Resp: 150781

Ion Ratio Lower Upper

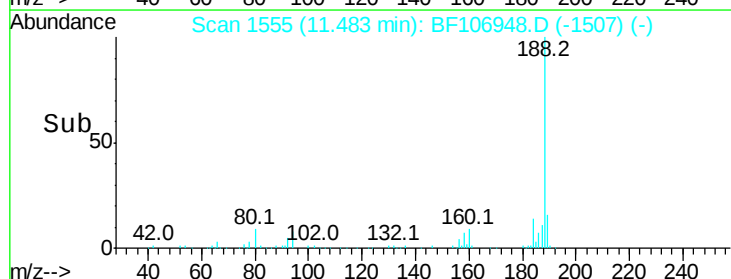
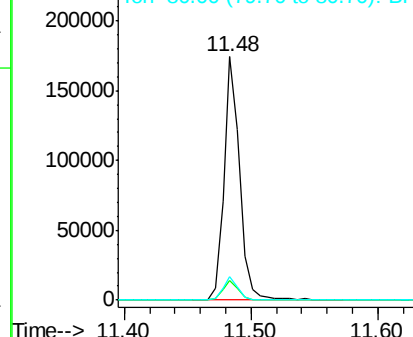
188 100

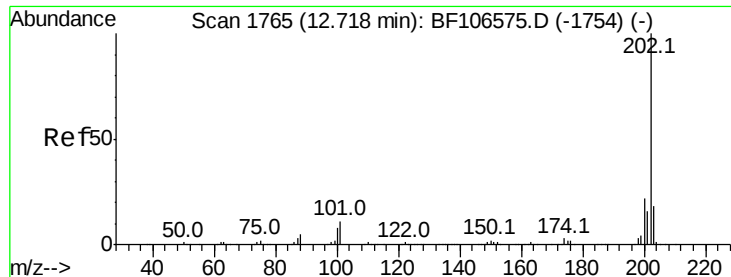
94 8.3 8.5 12.7#

80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

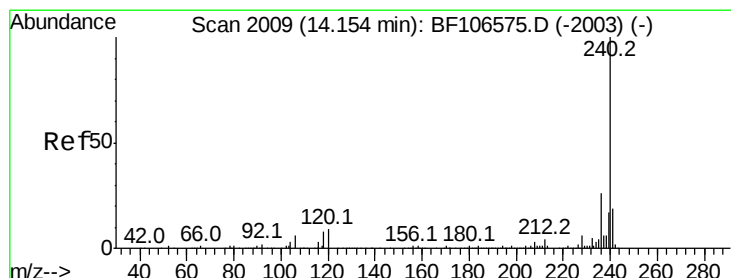
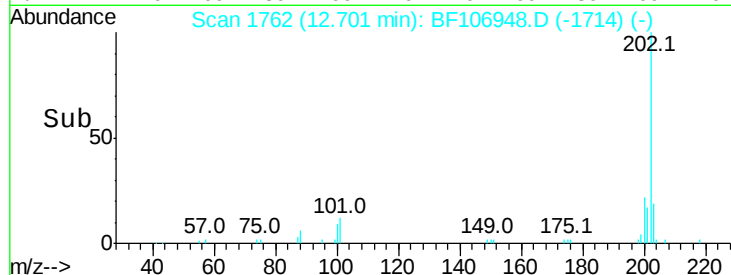
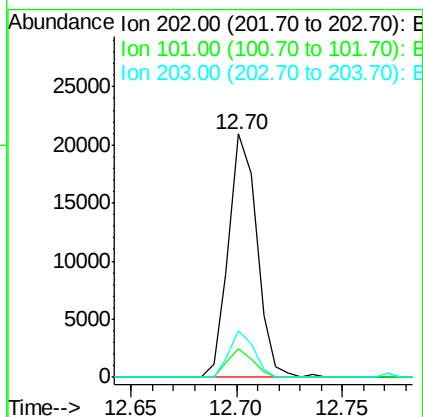
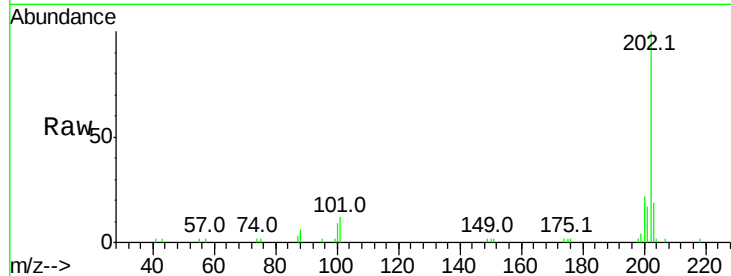




#74
Fluoranthene
Concen: 2.440 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF106948.D
Acq: 29 Jun 2018 3:36

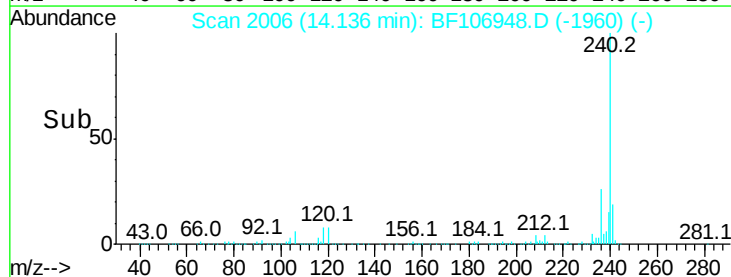
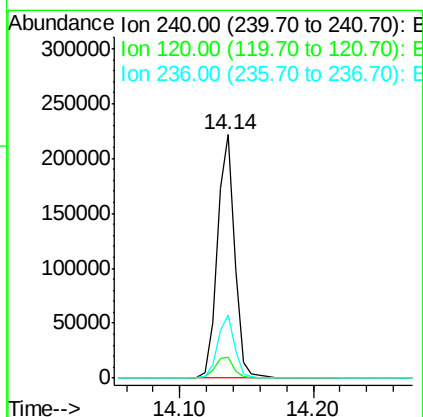
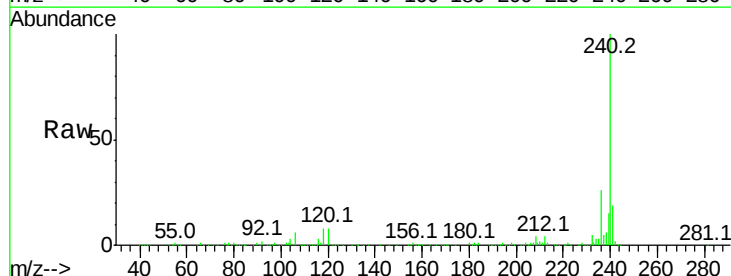
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tot Ion:202 Resp: 19555
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:240 Resp: 203449
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 26.0 20.7 31.1

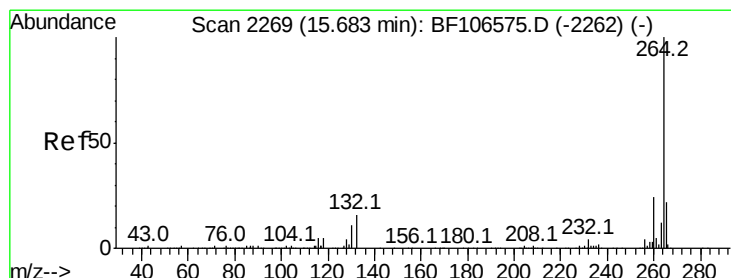
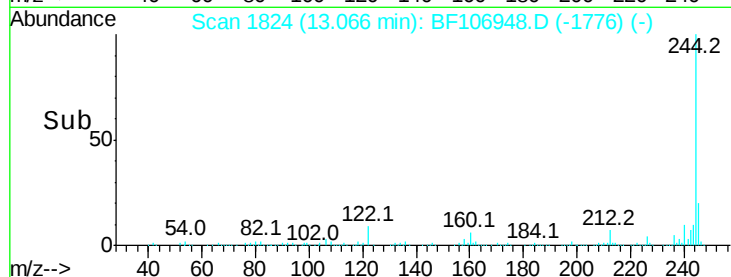
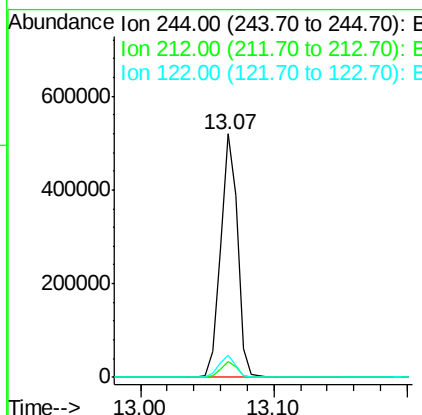
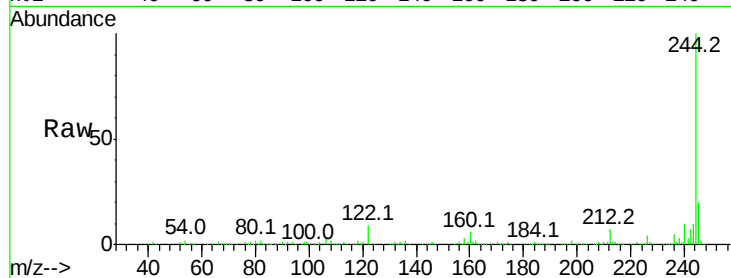




#78
 Terphenyl-d14
 Concen: 55.311 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF106948.D
 Acq: 29 Jun 2018 3:36

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

Tot Ion:244 Resp: 464559
 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:264 Resp: 176721
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 17.5 26.3

