

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041383.D
 Acq On : 21 Jun 2019 19:19
 Operator : HP/JU
 Sample : K3438-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-005-B

Quant Time: Jun 22 01:29:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

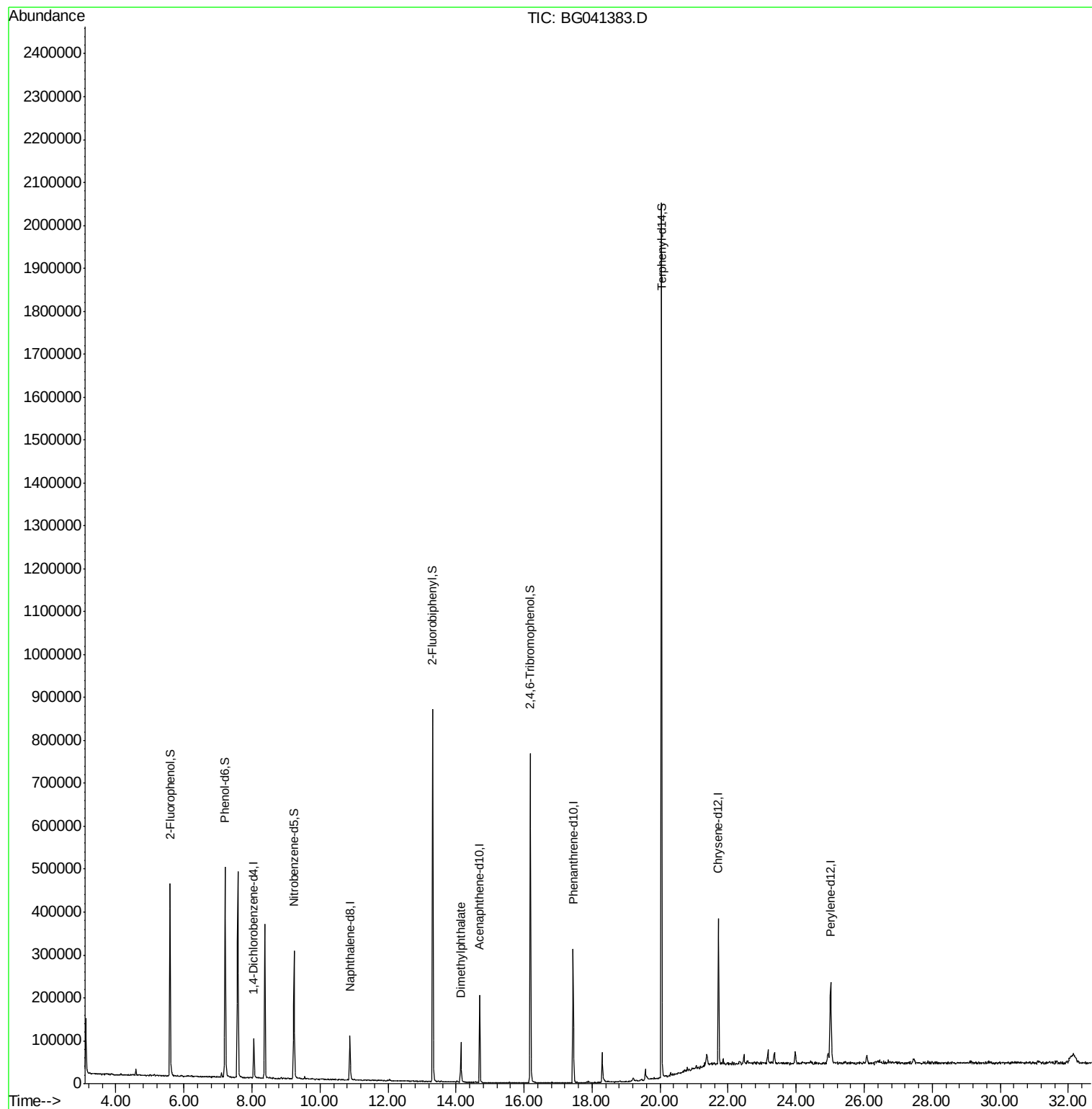
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25402	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	93357	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	73488	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	203193	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	212063	20.00	ng	-0.03
87) Perylene-d12	25.01	264	220086	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	177747	128.57	ng	-0.03
7) Phenol-d6	7.21	99	267800	133.64	ng	-0.02
23) Nitrobenzene-d5	9.23	82	187902	84.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.19	330	148939	132.01	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	446934	82.66	ng	-0.03
79) Terphenyl-d14	20.04	244	936582	87.53	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.14	163	71124	10.877	ng	Qvalue 100

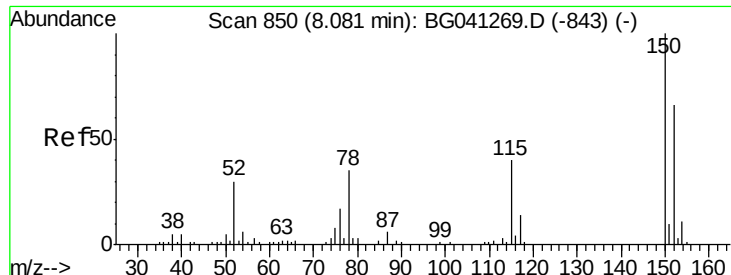
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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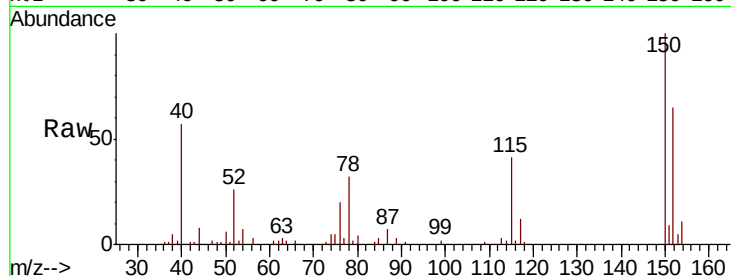


#1

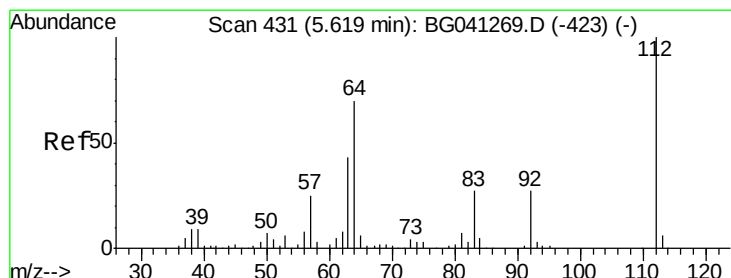
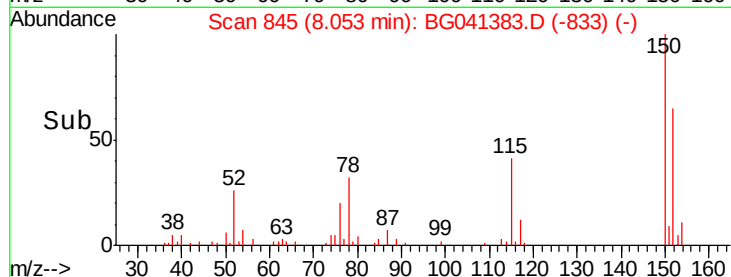
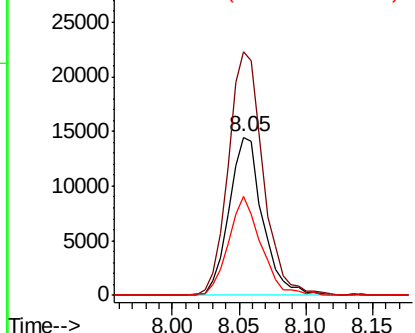
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

Tot Ion:152 Resp: 25402
Ion Ratio Lower Upper
152 100
150 153.9 120.6 181.0
115 62.4 47.9 71.9



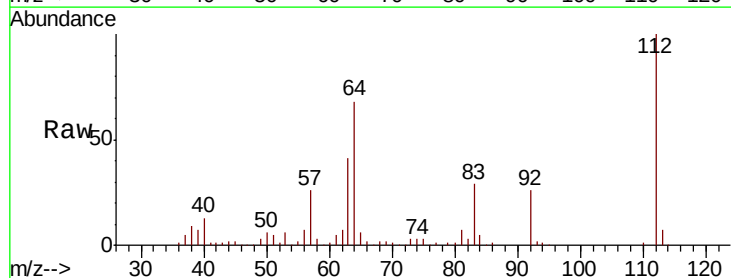
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



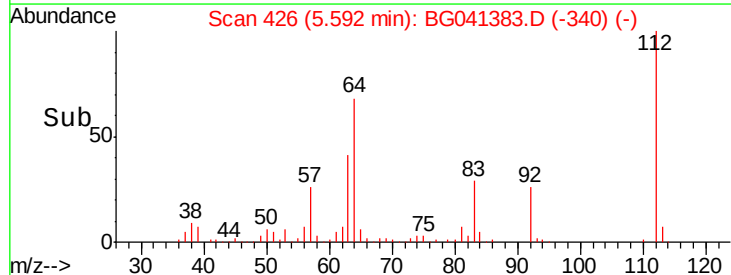
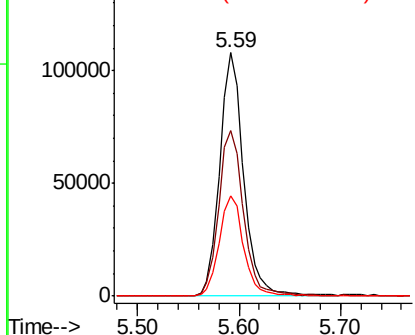
#5

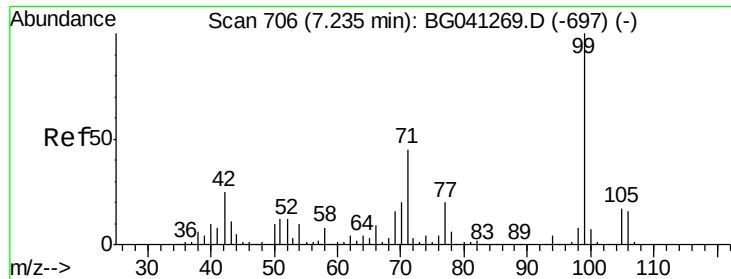
2-Fluorophenol
Concen: 128.571 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:112 Resp: 177747
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 41.2 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 133.638 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

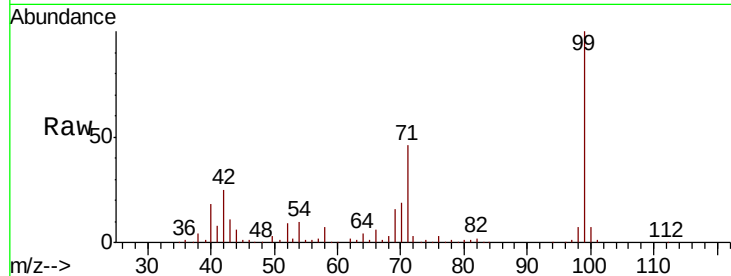
Tot Ion: 99 Resp: 267800

Ion Ratio Lower Upper

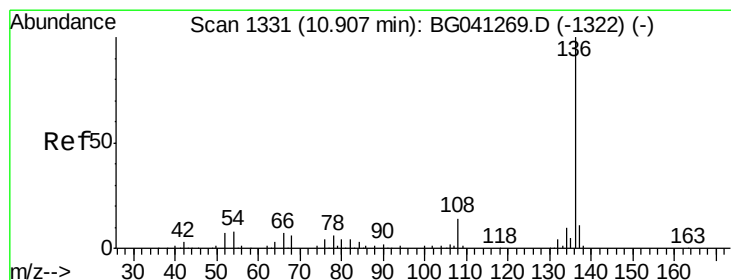
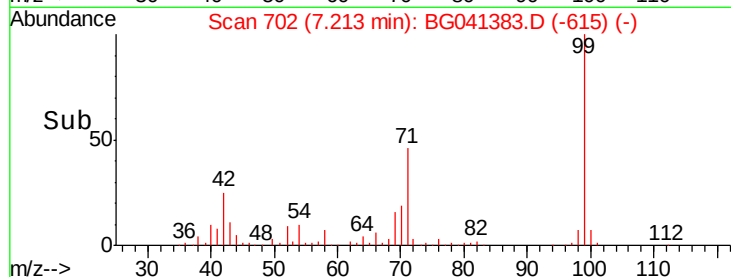
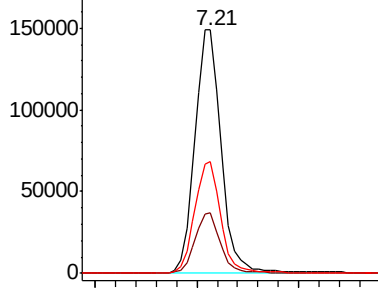
99 100

42 24.8 19.9 29.9

71 45.7 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Tgt Ion: 136 Resp: 93357

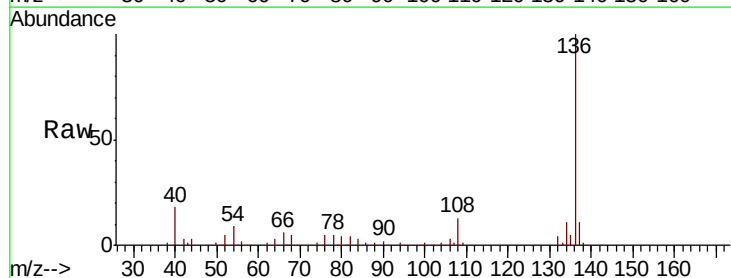
Ion Ratio Lower Upper

136 100

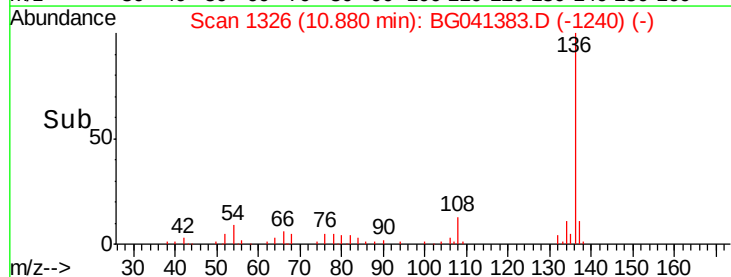
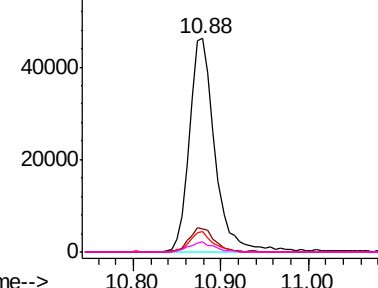
137 11.1 8.8 13.2

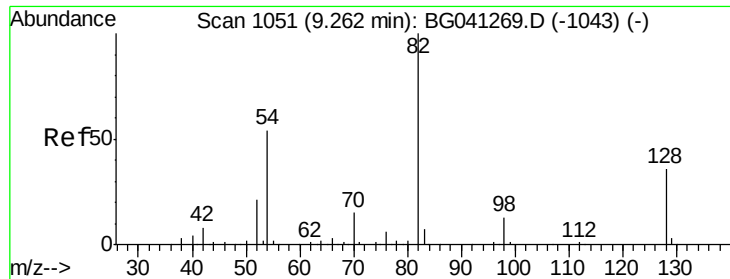
54 9.4 6.4 9.6

68 4.8 4.8 7.2#



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

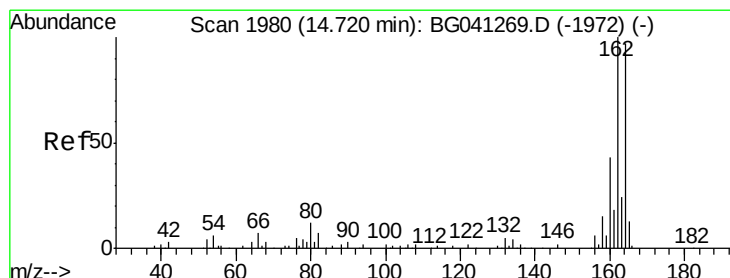
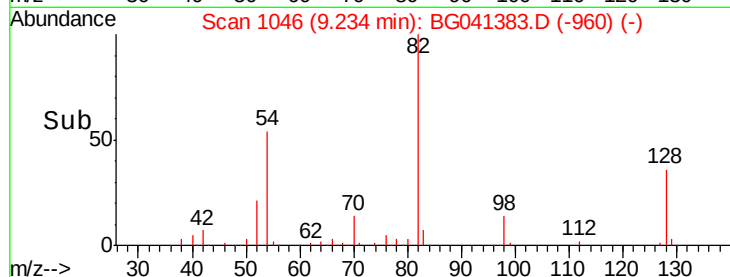
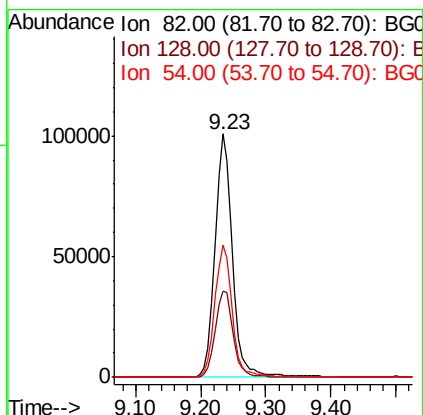
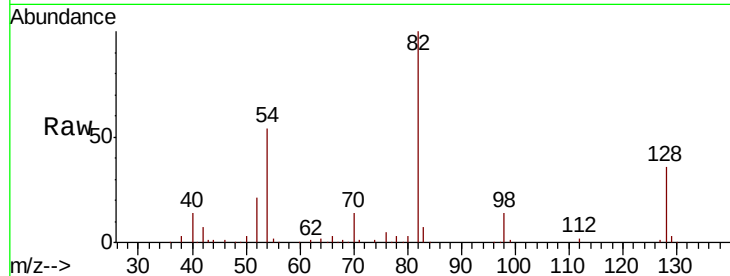




#23
Nitrobenzene-d5
Concen: 84.648 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

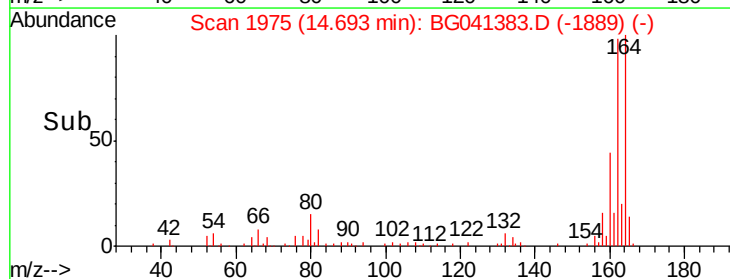
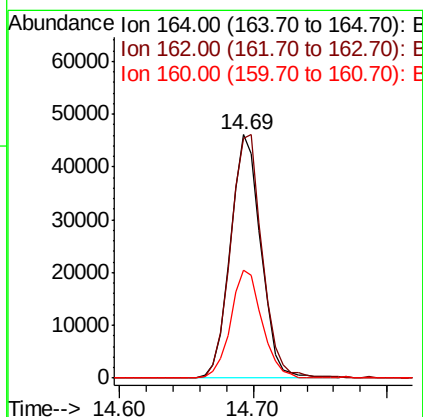
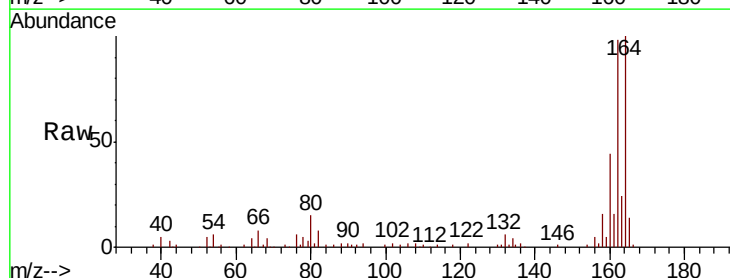
Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

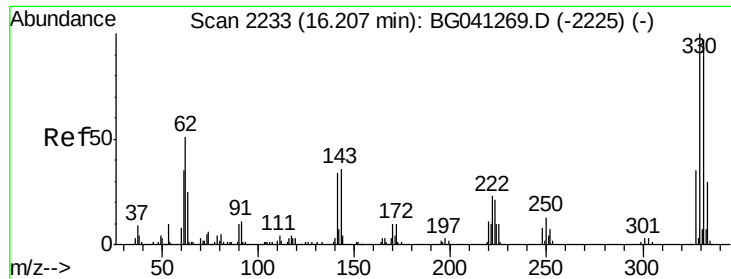
Tot Ion: 82 Resp: 187902
Ion Ratio Lower Upper
82 100
128 35.6 29.2 43.8
54 54.1 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:164 Resp: 73488
Ion Ratio Lower Upper
164 100
162 98.3 82.8 124.2
160 44.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 132.014 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

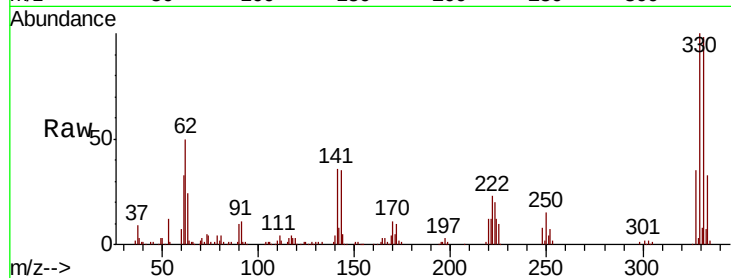
Tot Ion:330 Resp: 148939

Ion Ratio Lower Upper

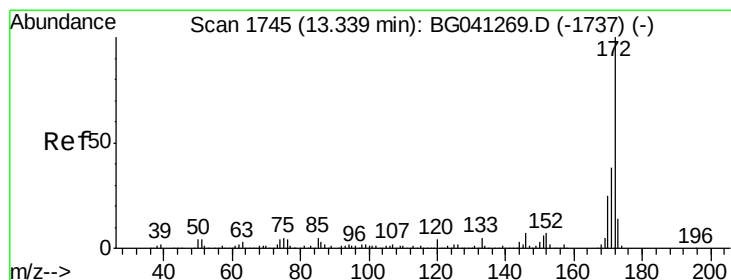
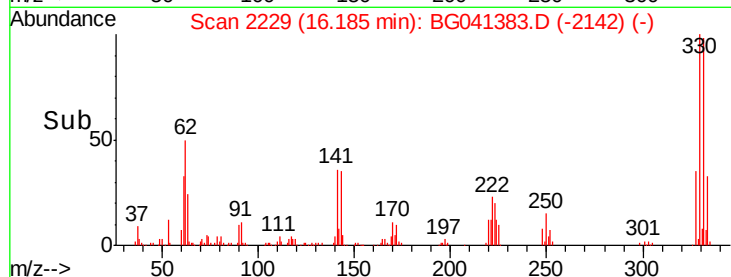
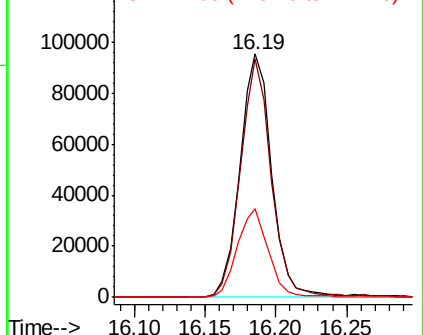
330 100

332 95.1 75.5 113.3

141 35.9 29.0 43.4



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



#45

2-Fluorobiphenyl

Concen: 82.660 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.03 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

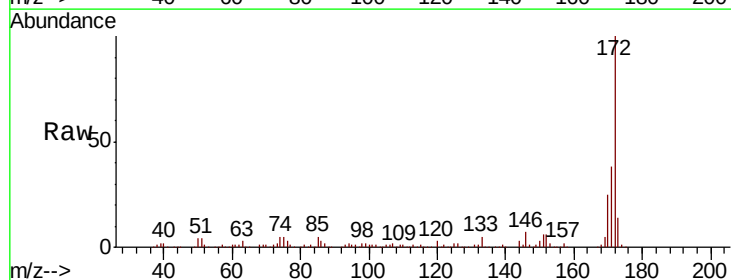
Tgt Ion:172 Resp: 446934

Ion Ratio Lower Upper

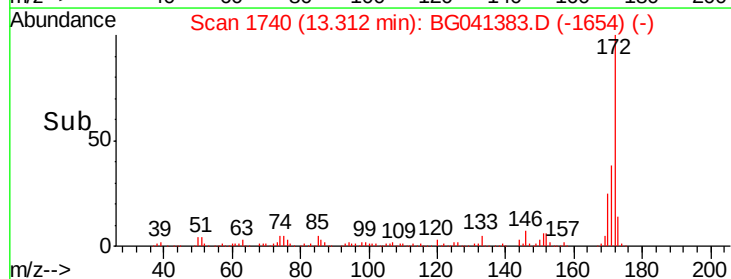
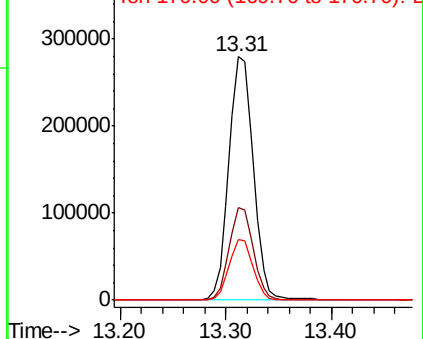
172 100

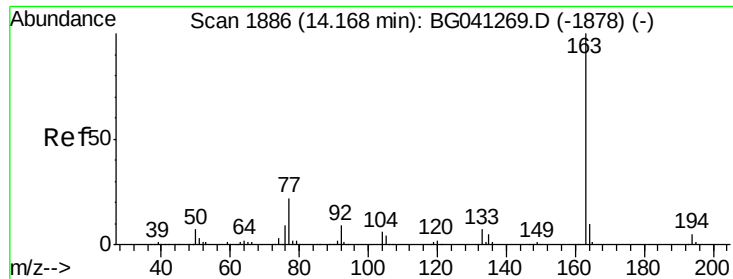
171 38.1 30.0 45.0

170 25.1 19.8 29.6



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





#50

Dimethylphthalate

Concen: 10.877 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

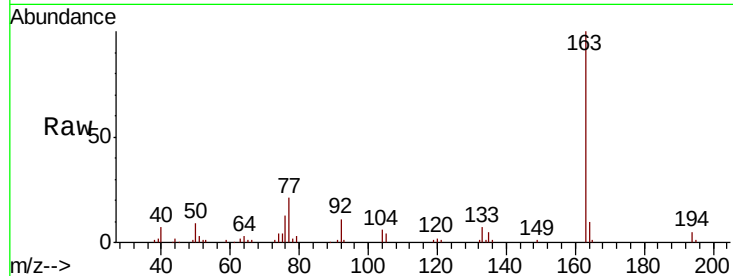
Tot Ion:163 Resp: 71124

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

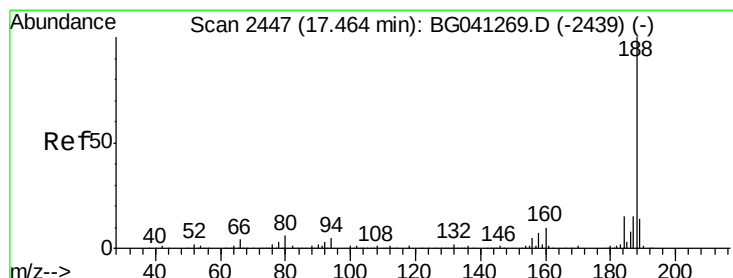
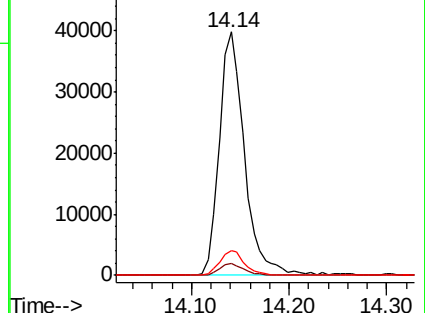
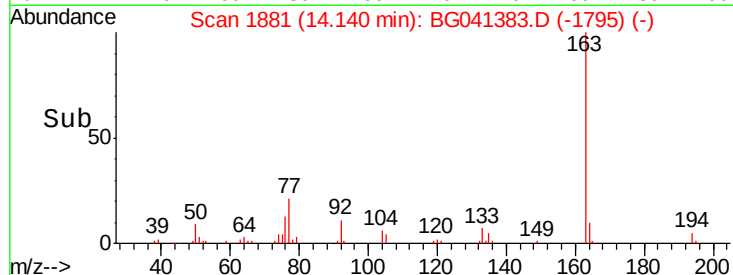
164 10.4 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

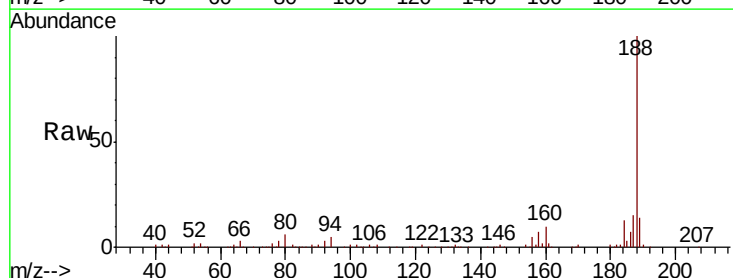
Tgt Ion:188 Resp: 203193

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

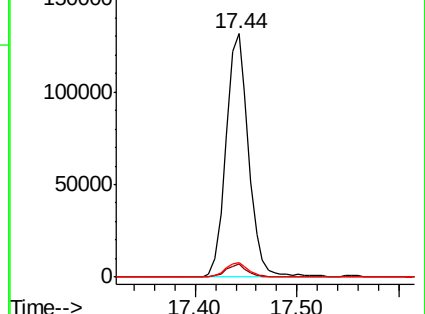
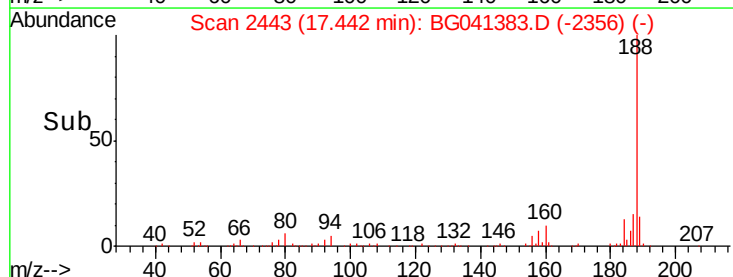
80 6.1 4.8 7.2

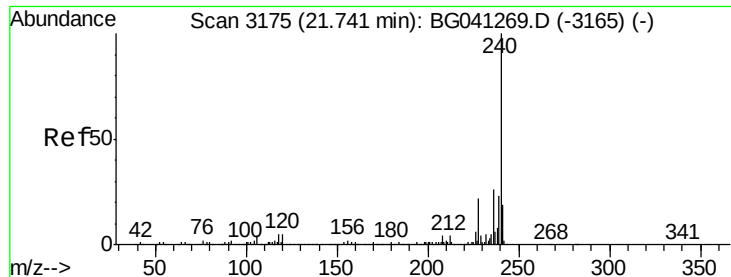


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

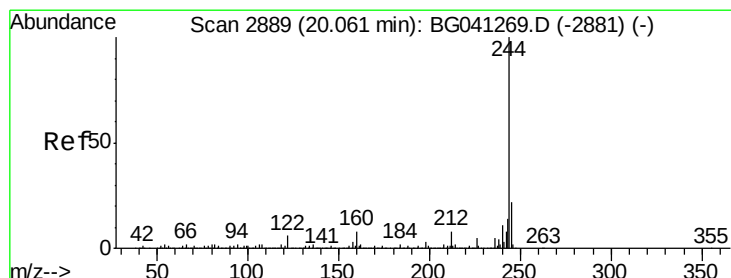
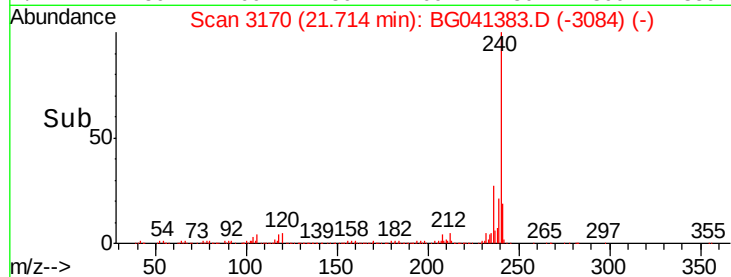
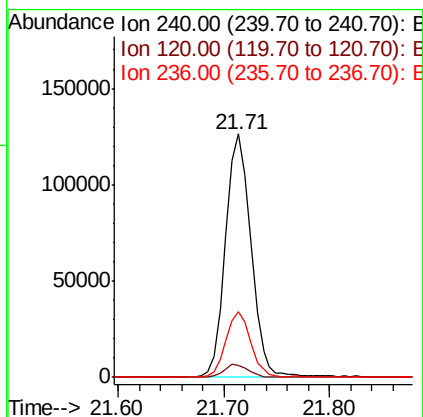
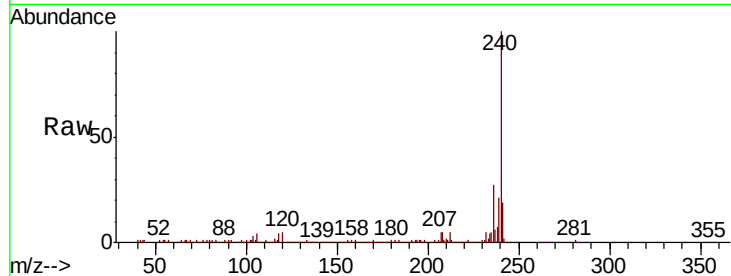




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

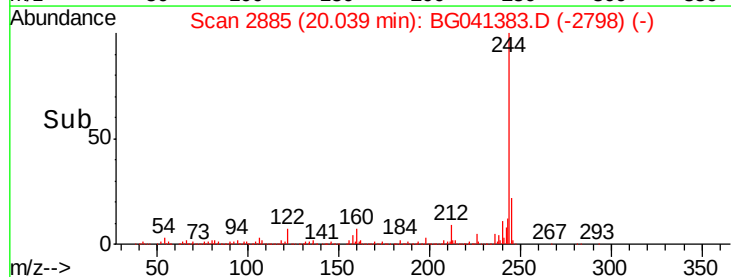
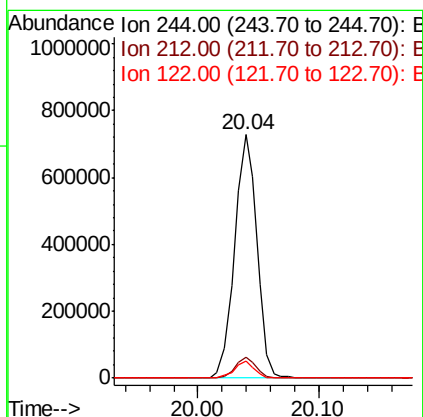
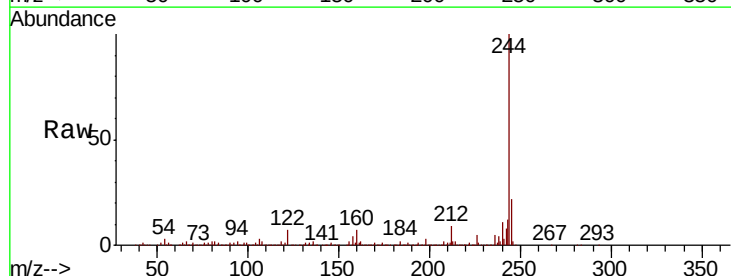
Instrument :
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FK-SF-01-005-B

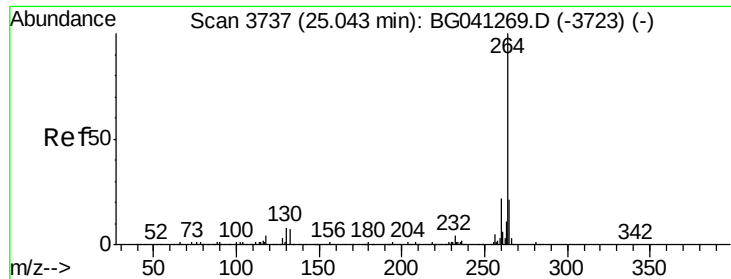
Tot Ion:240 Resp: 212063
Ion Ratio Lower Upper
240 100
120 4.9 3.7 5.5
236 26.8 21.1 31.7



#79
Terphenyl-d14
Concen: 87.526 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:244 Resp: 936582
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 6.8 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.03 min
 Lab File: BG041383.D
 Acq: 21 Jun 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-005-B

Tot Ion	Ion	Ratio	Lower	Upper
220086	264	100		
	260	23.0	17.4	26.2
	265	23.1	17.2	25.8

