

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041386.D
 Acq On : 21 Jun 2019 21:13
 Operator : HP/JU
 Sample : K3438-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 22 01:05:22 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

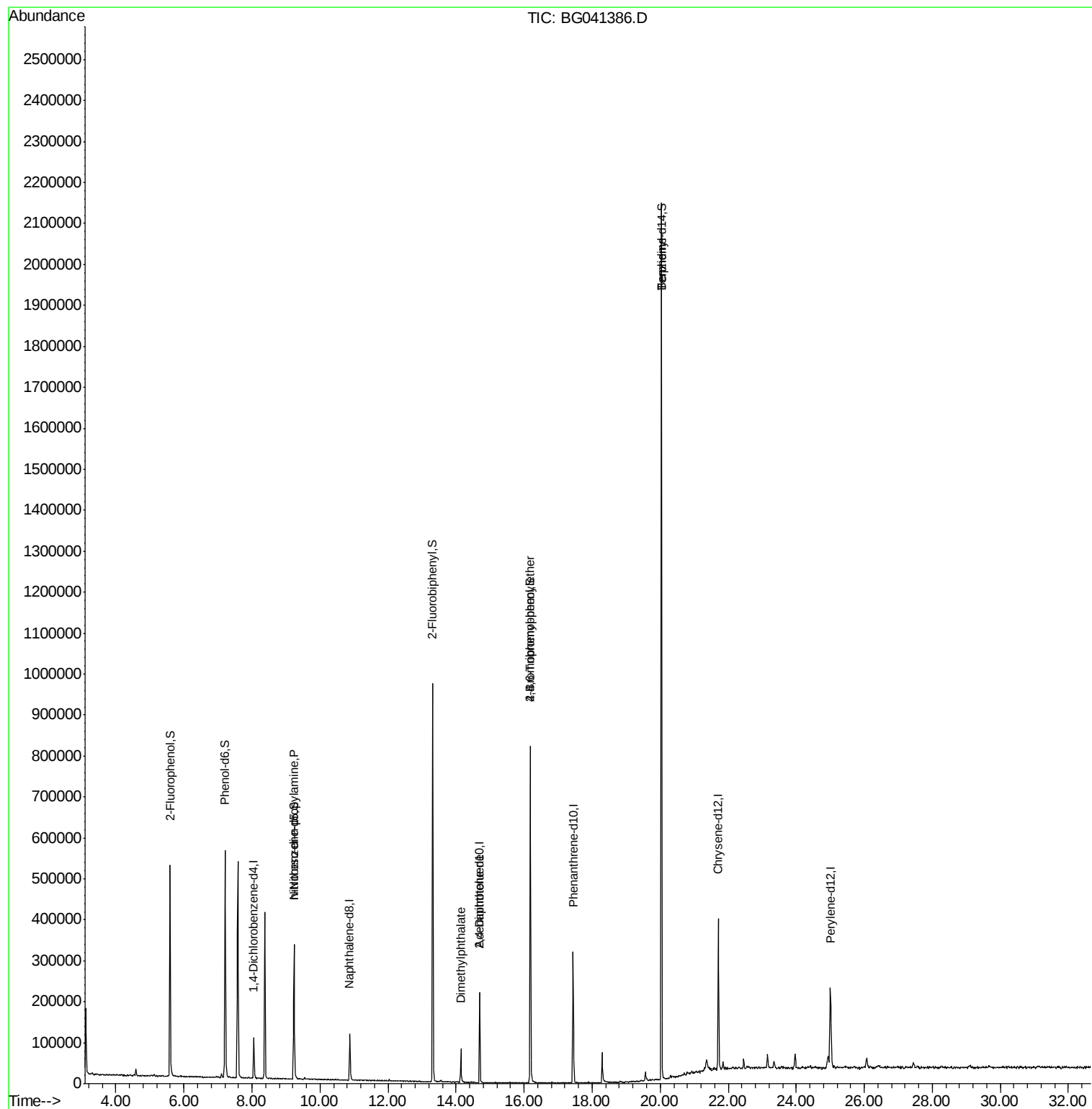
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26842	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	101577	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	76658	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	214176	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	223042	20.00	ng	-0.03
87) Perylene-d12	25.00	264	231885	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	196202	134.31	ng	-0.03
7) Phenol-d6	7.21	99	293084	138.41	ng	-0.02
23) Nitrobenzene-d5	9.23	82	207526	85.92	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	162408	138.00	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	486058	86.18	ng	-0.03
79) Terphenyl-d14	20.04	244	1018098	90.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	29083	16.981	ng	Qvalue # 75
50) Dimethylphthalate	14.14	163	61437	9.007	ng	# 97
57) 2,4-Dinitrotoluene	14.69	165	9426	4.484	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	12515	4.519	ng	# 1
77) Benzidine	20.04	184	16349	3.030	ng	# 96

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

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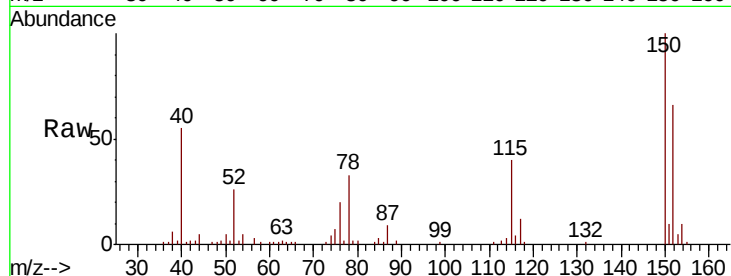




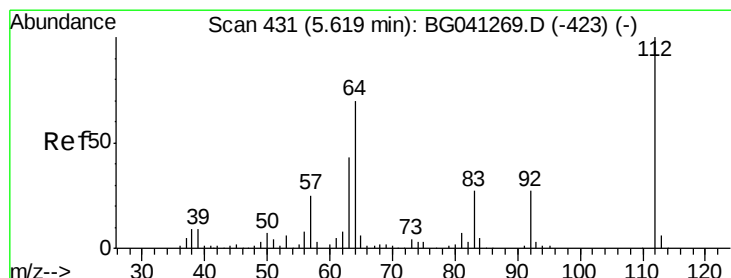
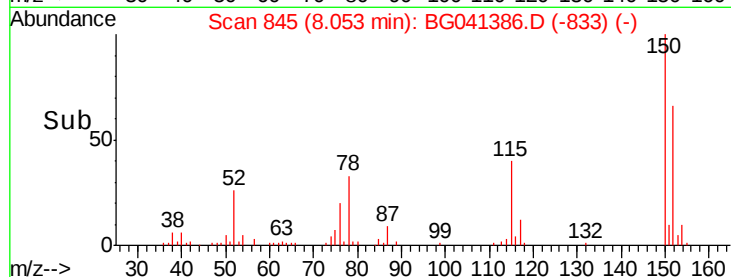
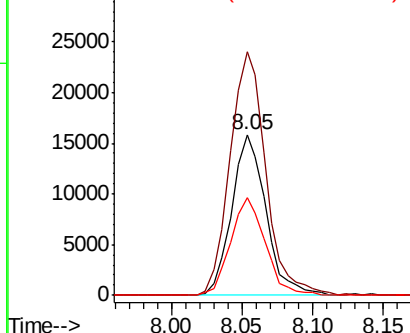
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BG041386.D
 Acq: 21 Jun 2019 21:13

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

Tgt Ion:152 Resp: 26842
 Ion Ratio Lower Upper
 152 100
 150 151.3 120.6 181.0
 115 60.9 47.9 71.9

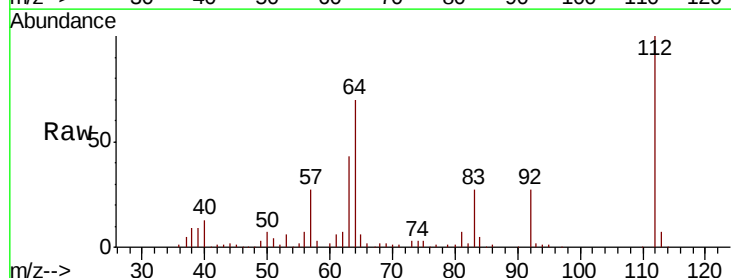


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

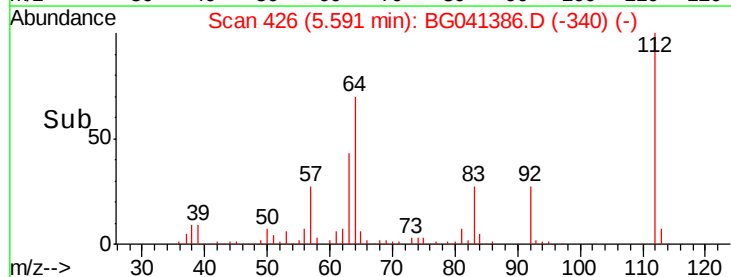
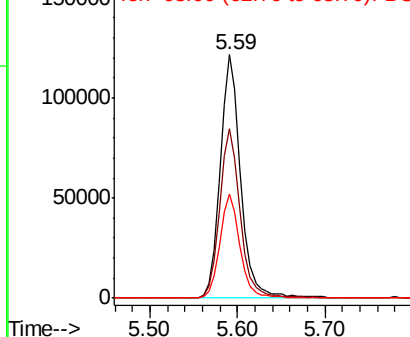


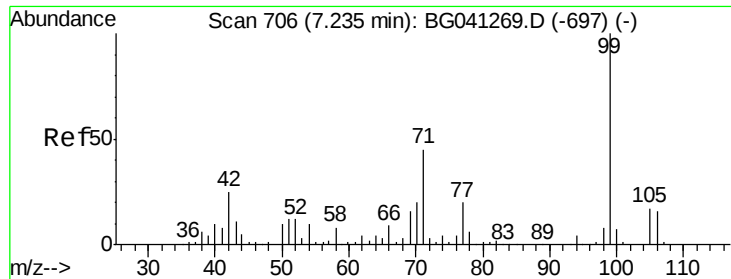
#5
 2-Fluorophenol
 Concen: 134.306 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: BG041386.D
 Acq: 21 Jun 2019 21:13

Tgt Ion:112 Resp: 196202
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.9 83.9
 63 42.9 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: 138.409 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041386.D

Acq: 21 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-A

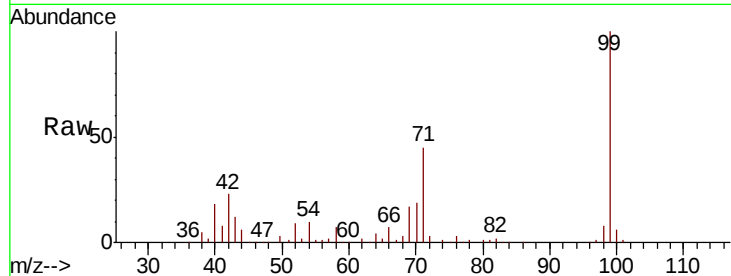
Tgt Ion: 99 Resp: 293084

Ion Ratio Lower Upper

99 100

42 23.5 19.9 29.9

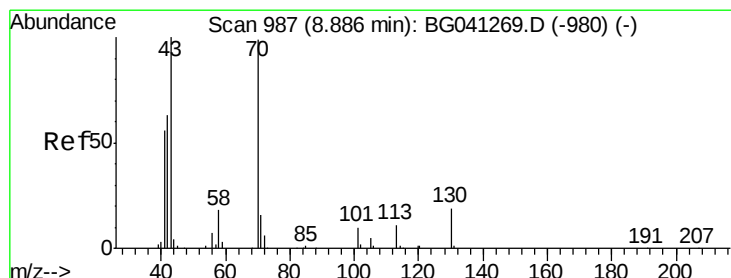
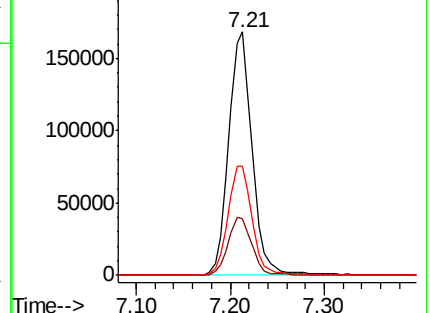
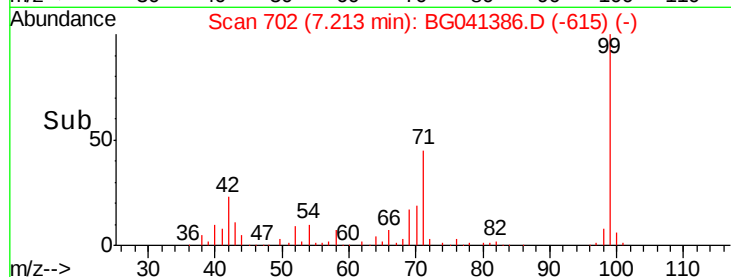
71 45.0 36.4 54.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.981 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041386.D

Acq: 21 Jun 2019 21:13

Tgt Ion: 70 Resp: 29083

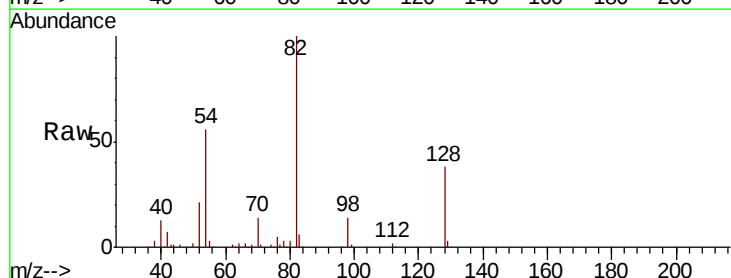
Ion Ratio Lower Upper

70 100

42 47.8 51.4 77.2#

101 0.0 8.2 12.2#

130 2.4 15.2 22.8#

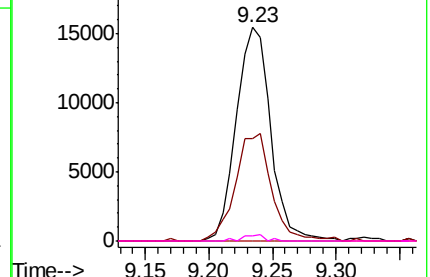
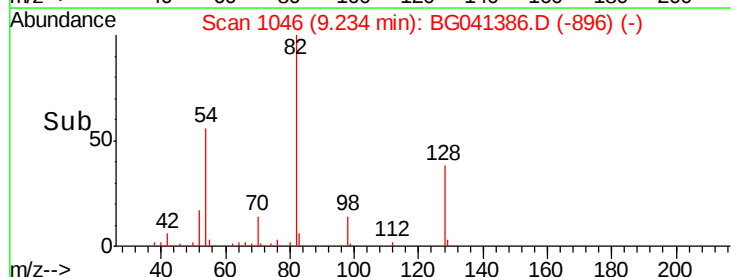


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

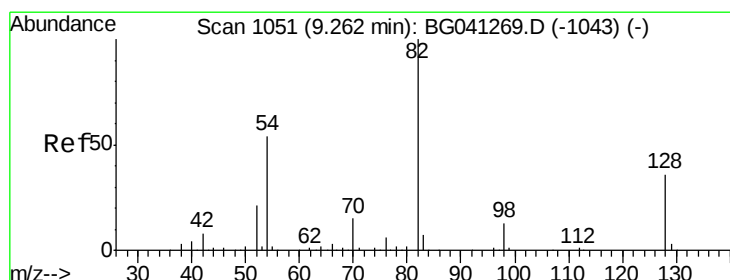
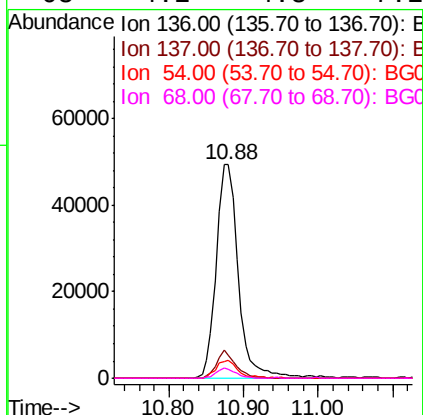
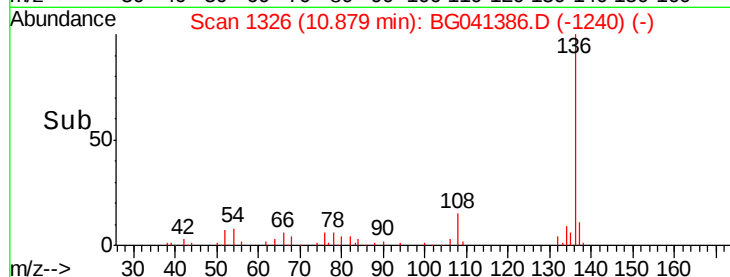
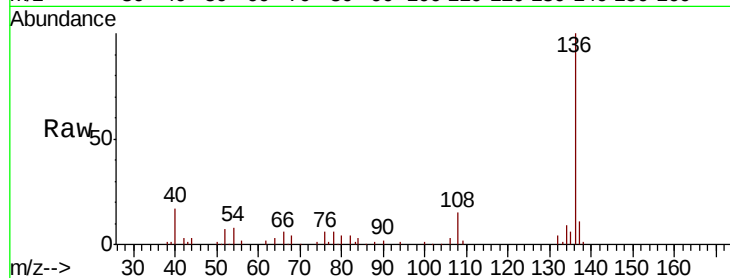




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

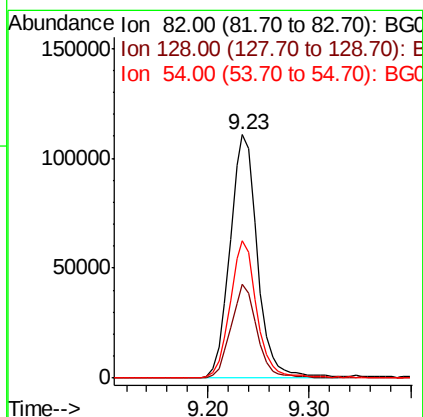
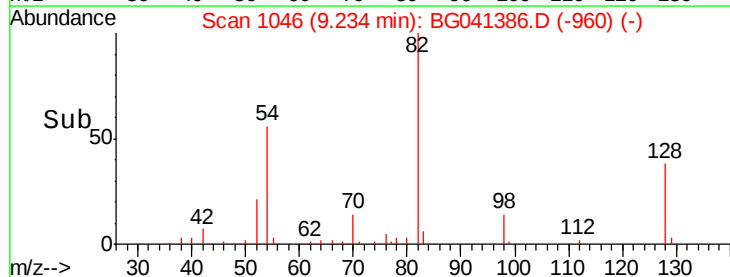
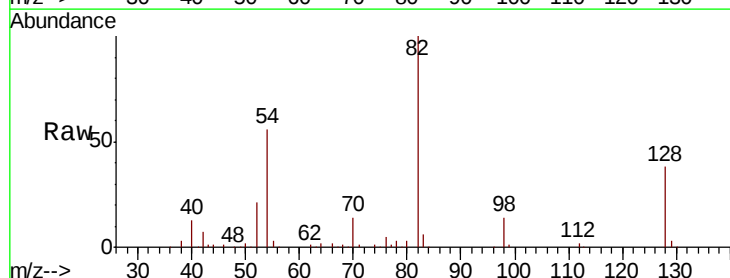
Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-A

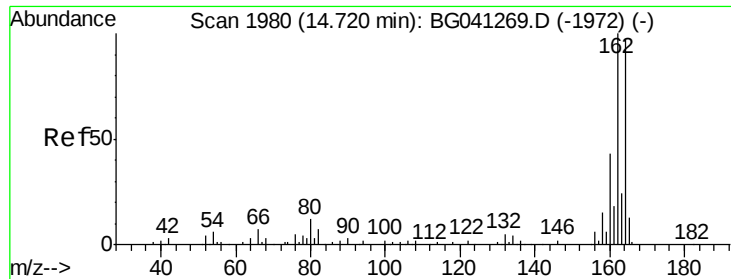
Tgt Ion:	136	Resp:	101577
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.4	9.6
68	4.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 85.923 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

Tgt Ion:	82	Resp:	207526
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.2	43.8
54	56.3	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: BG041386.D

Acq: 21 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-A

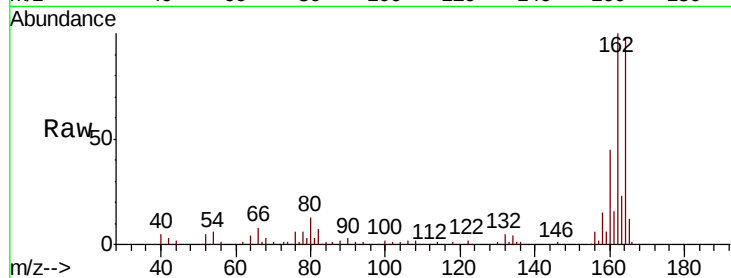
Tgt Ion:164 Resp: 76658

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

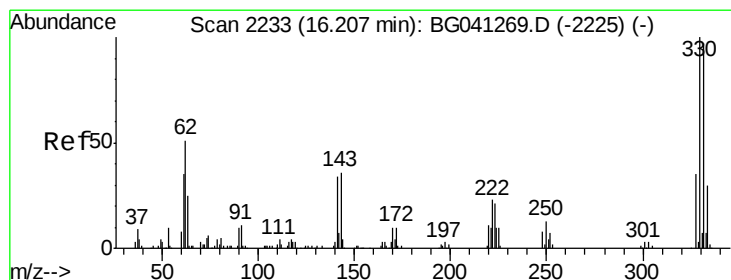
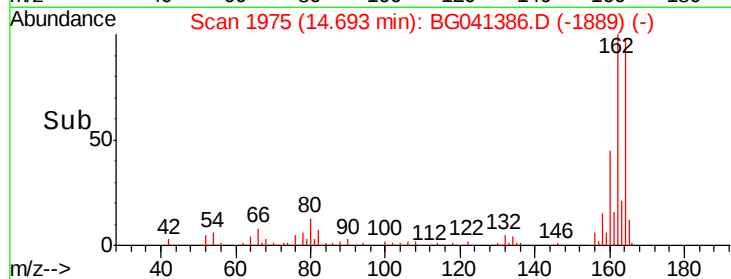
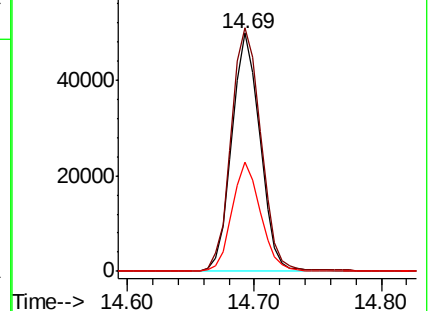
160 45.7 35.8 53.8



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



#42

2,4,6-Tribromophenol

Concen: 138.000 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG041386.D

Acq: 21 Jun 2019 21:13

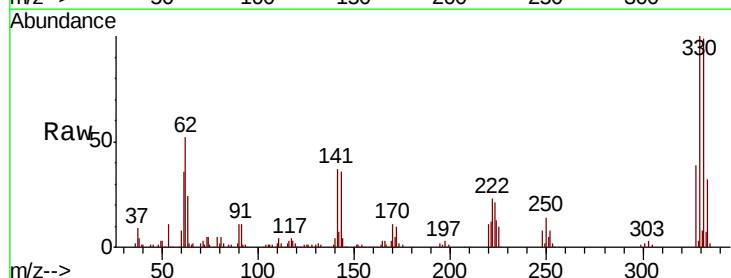
Tgt Ion:330 Resp: 162408

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

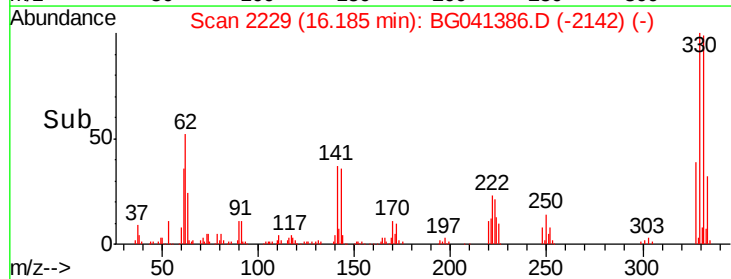
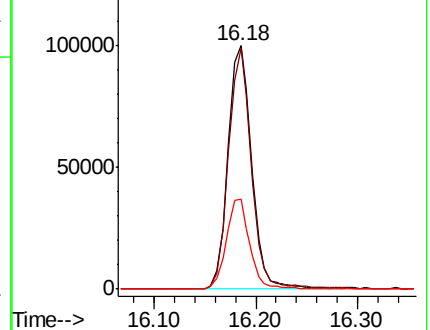
141 36.4 29.0 43.4

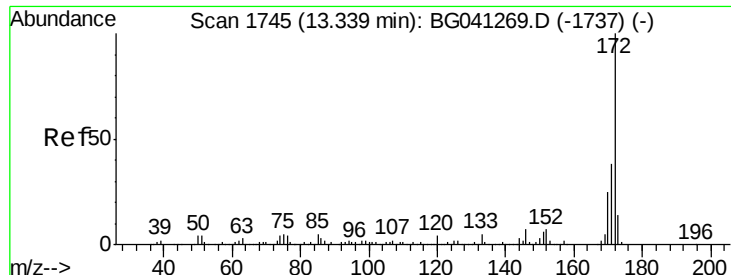


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

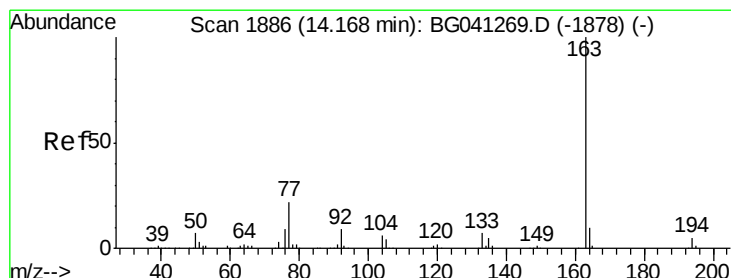
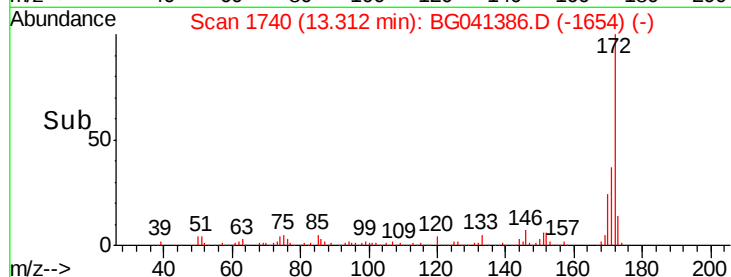
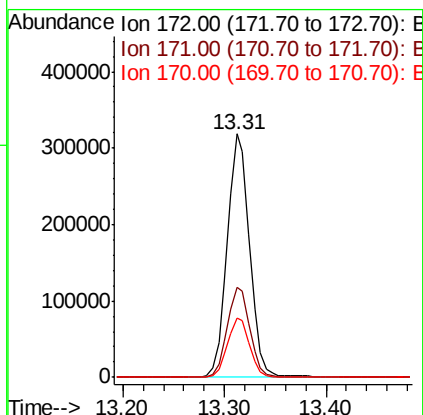
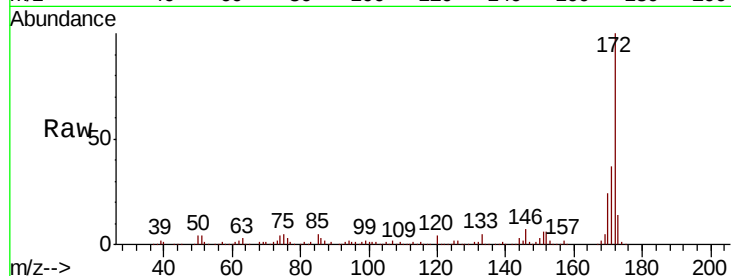




#45
2-Fluorobiphenyl
Concen: 86.179 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

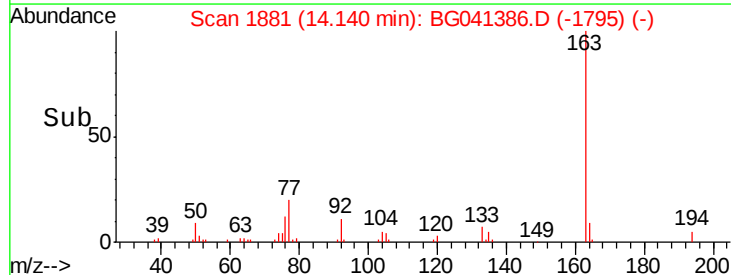
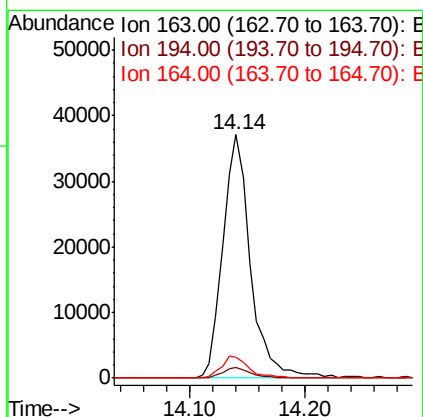
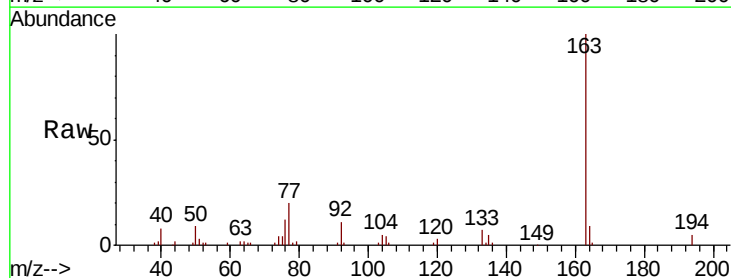
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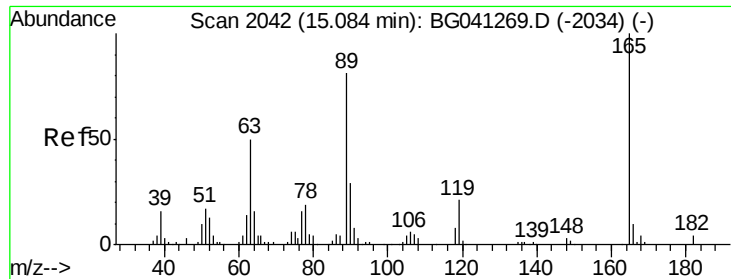
Tgt Ion:172 Resp: 486058
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 9.007 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

Tgt Ion:163 Resp: 61437
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 8.8 8.3 12.5

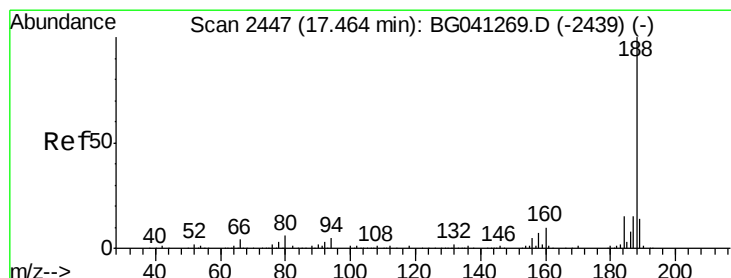
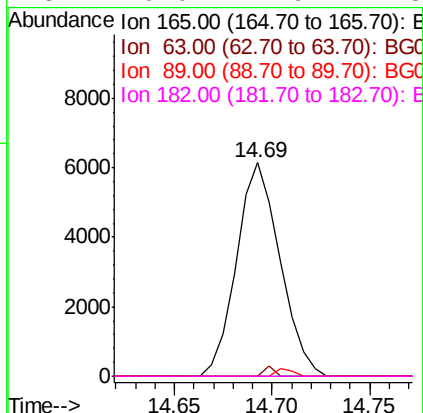
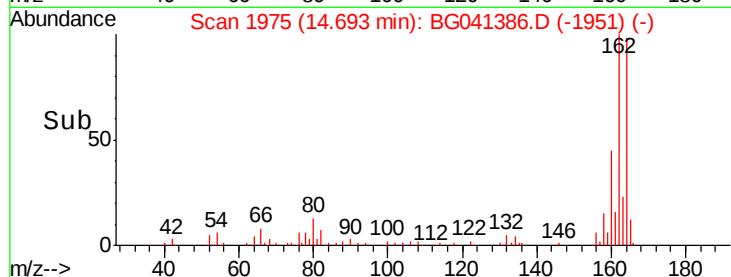
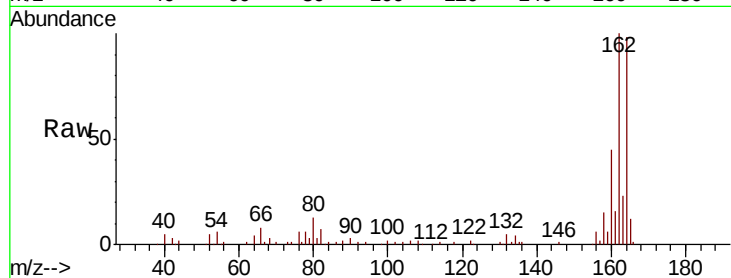




#57
 2,4-Dinitrotoluene
 Concen: 4.484 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.39 min
 Lab File: BG041386.D
 Acq: 21 Jun 2019 21:13

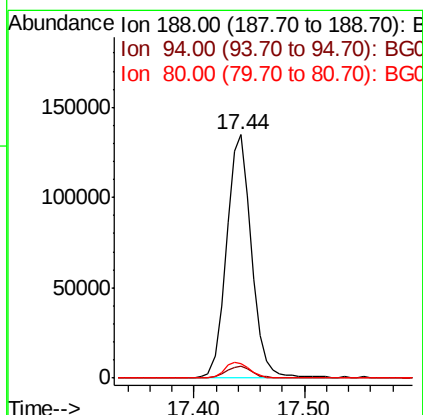
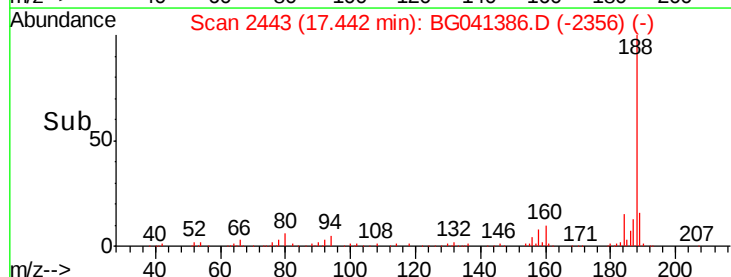
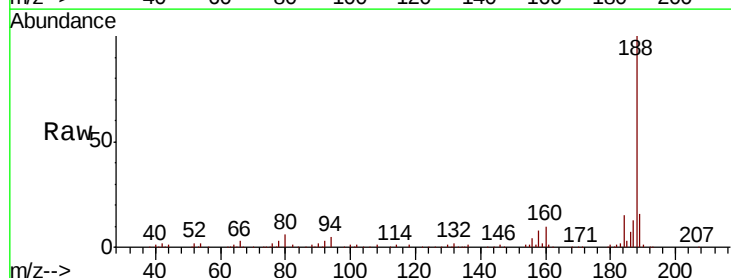
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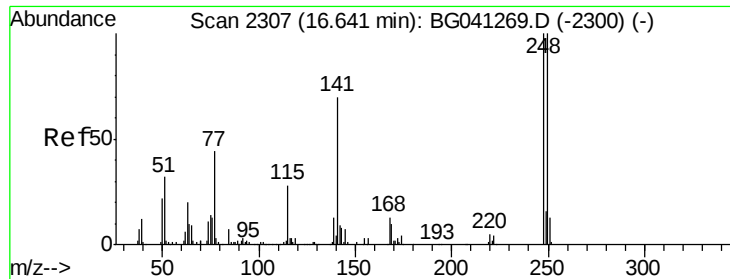
Tgt Ion:	165	Resp:	9426
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.02 min
 Lab File: BG041386.D
 Acq: 21 Jun 2019 21:13

Tgt Ion:	188	Resp:	214176
Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	6.2	4.8	7.2

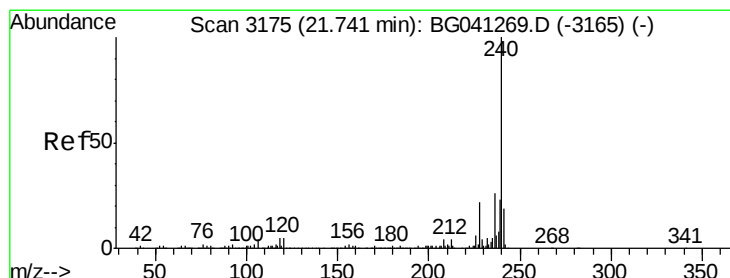
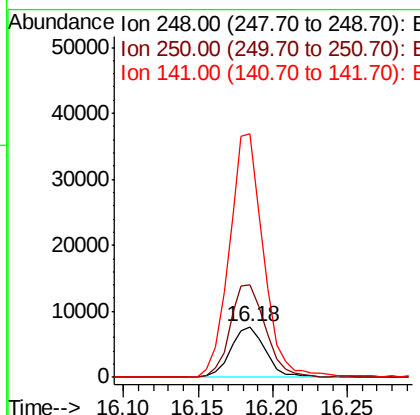
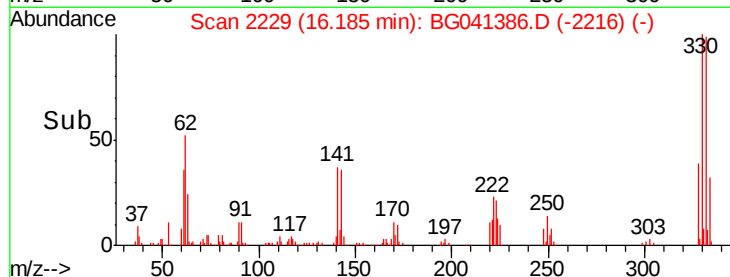
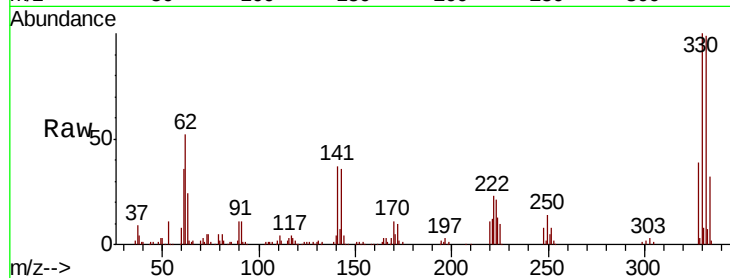




#67
4-Bromophenyl-phenylether
Concen: 4.519 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

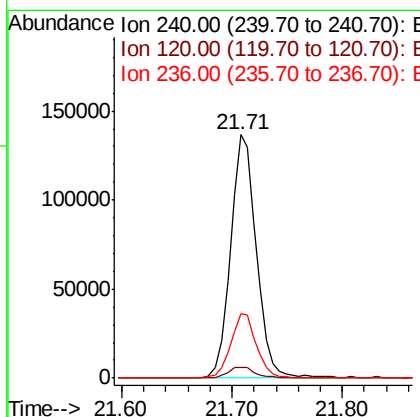
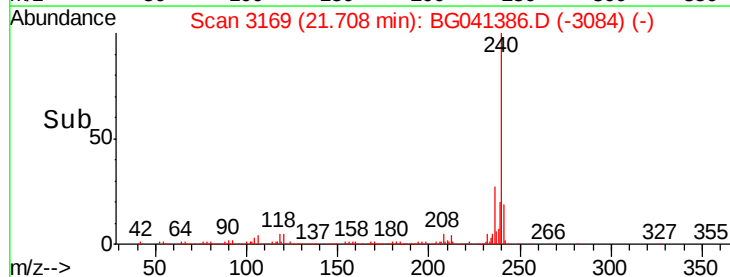
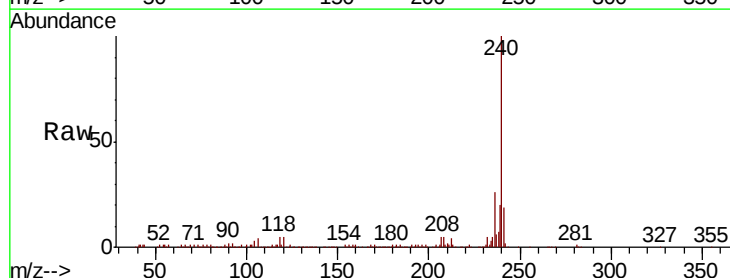
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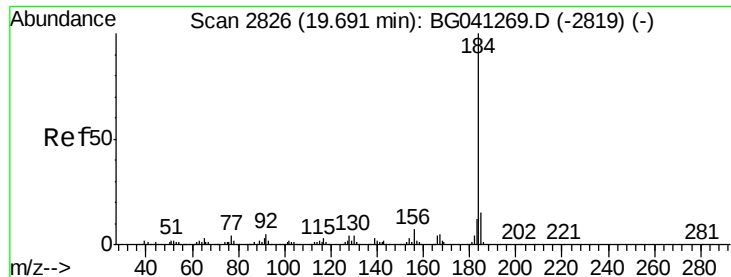
Tgt Ion:248 Resp: 12515
Ion Ratio Lower Upper
248 100
250 182.2 79.8 119.8#
141 478.5 55.8 83.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

Tgt Ion:240 Resp: 223042
Ion Ratio Lower Upper
240 100
120 4.5 3.7 5.5
236 26.5 21.1 31.7





#77

Benzidine

Concen: 3.030 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.35 min

Lab File: BG041386.D

Acq: 21 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-A

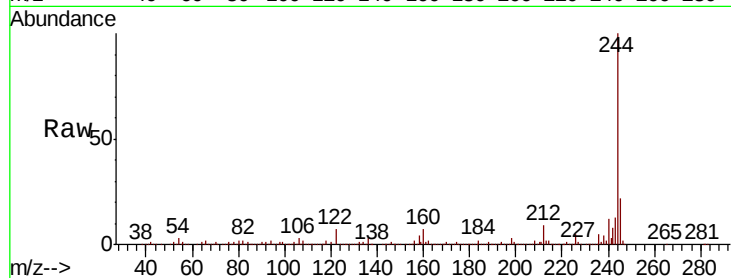
Tgt Ion:184 Resp: 16349

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

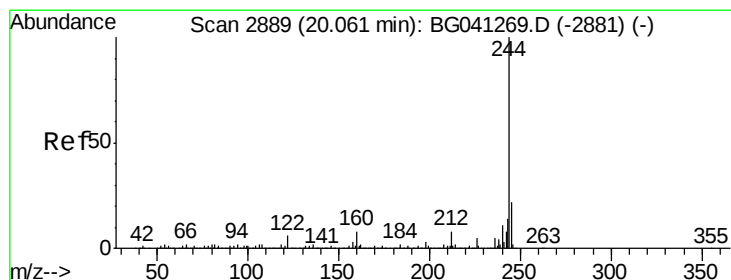
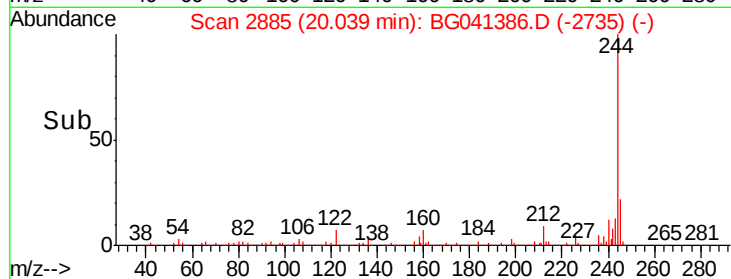
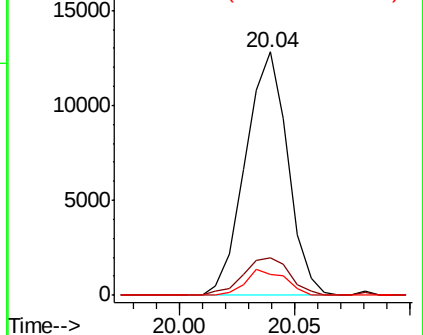
183 8.6 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.461 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041386.D

Acq: 21 Jun 2019 21:13

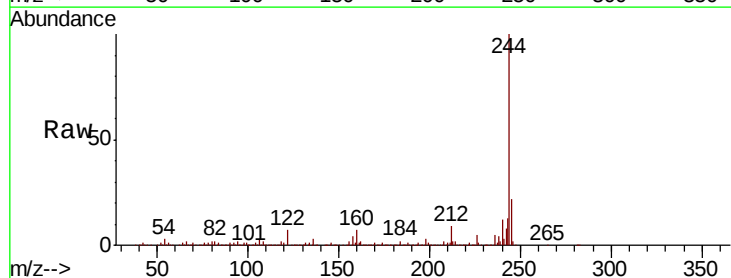
Tgt Ion:244 Resp: 1018098

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

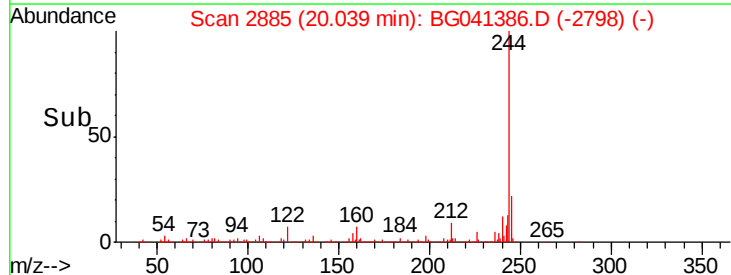
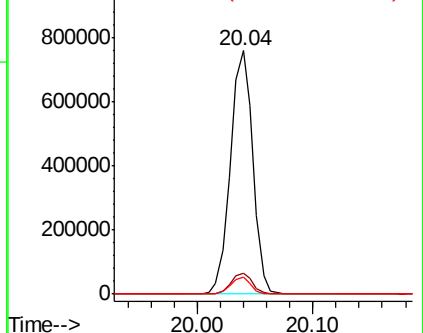
122 6.8 5.0 7.4

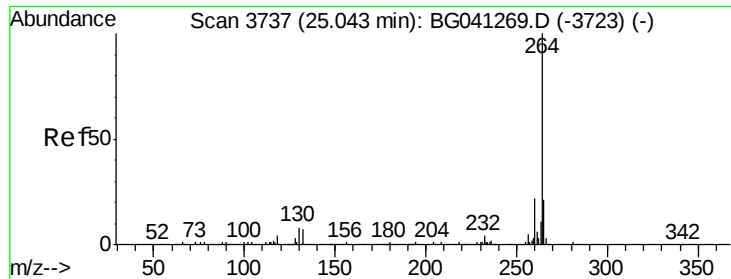


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG041386.D
Acq: 21 Jun 2019 21:13

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.2
265	22.0	17.2	25.8

