

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041385.D
 Acq On : 21 Jun 2019 20:35
 Operator : HP/JU
 Sample : K3435-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-A

Quant Time: Jun 22 01:05:10 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

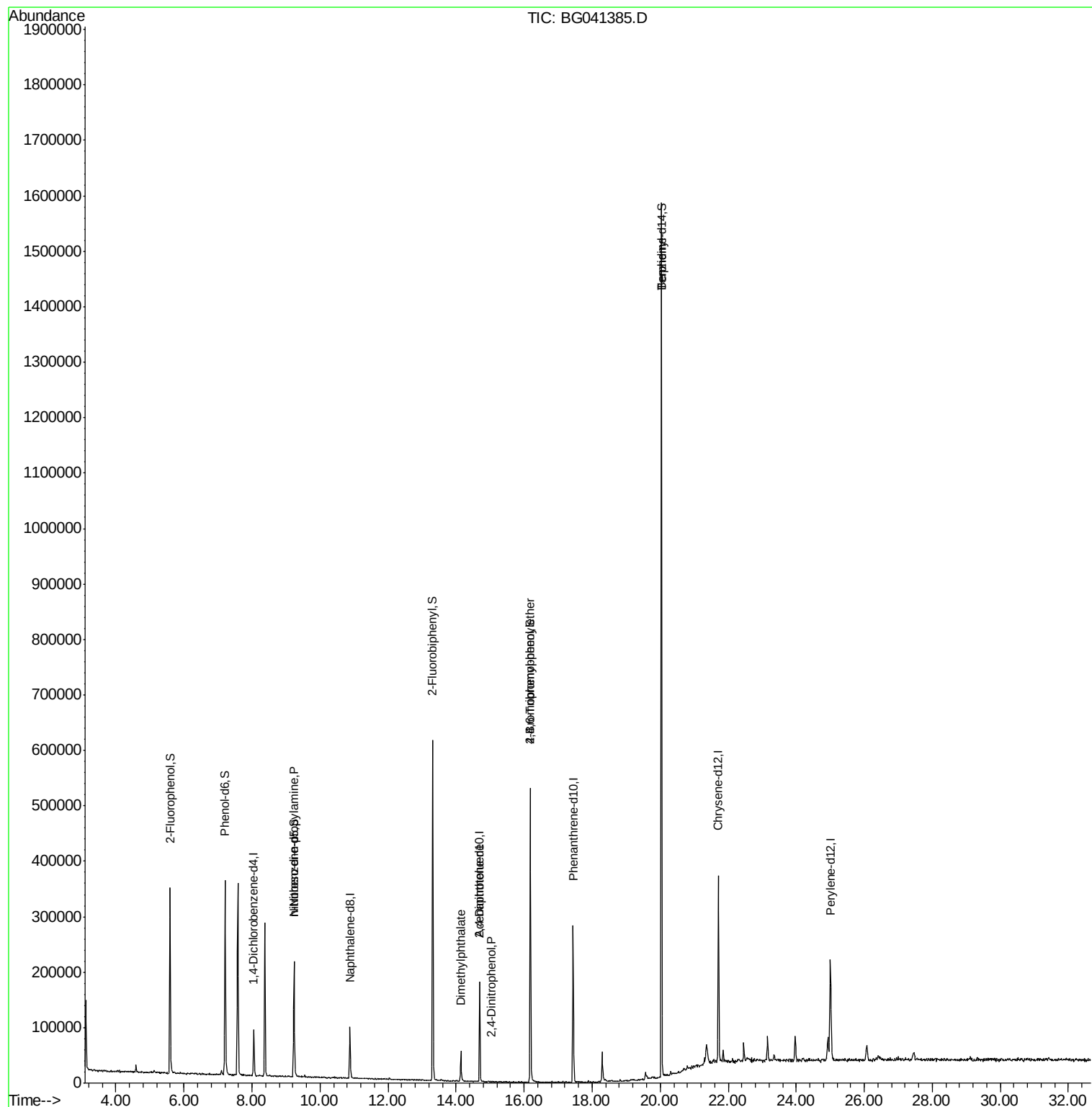
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22662	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	84056	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	64576	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	183768	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	204266	20.00	ng	-0.03
87) Perylene-d12	25.00	264	209817	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	132610	107.52	ng	-0.03
7) Phenol-d6	7.21	99	194944	109.04	ng	-0.03
23) Nitrobenzene-d5	9.23	82	134001	67.05	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	107486	108.42	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	324863	68.38	ng	-0.03
79) Terphenyl-d14	20.04	244	743087	72.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	18742	12.962	ng	# 71
50) Dimethylphthalate	14.14	163	44423	7.731	ng	# 97
54) 2,4-Dinitrophenol	15.04	184	55	4.905	ng	# 13
57) 2,4-Dinitrotoluene	14.69	165	8254	4.661	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	7584	3.192	ng	# 1
77) Benzidine	20.04	184	12253	2.480	ng	# 91

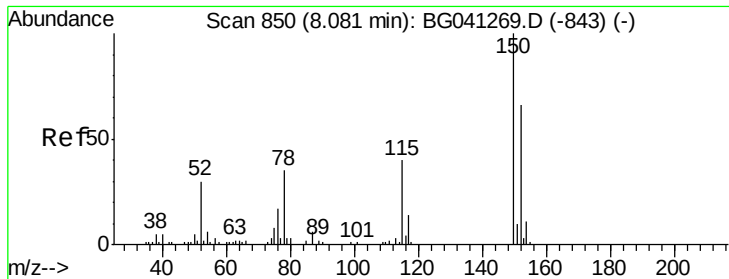
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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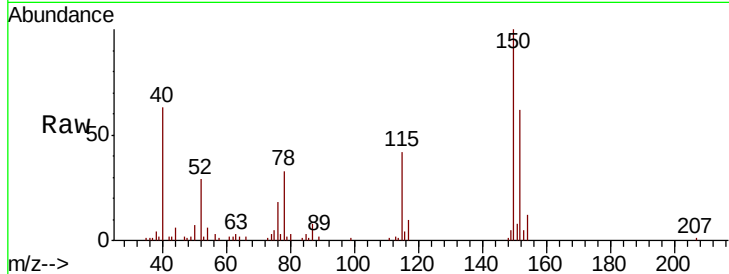


#1

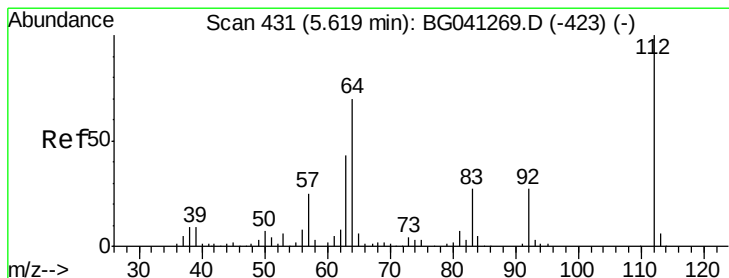
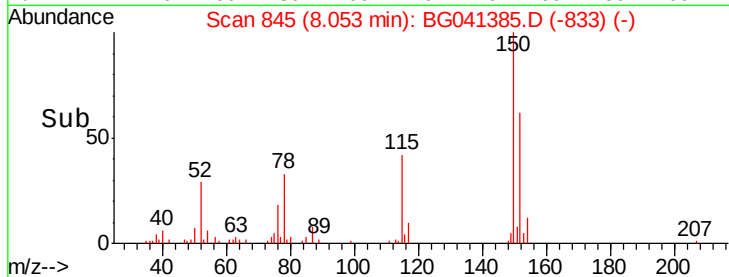
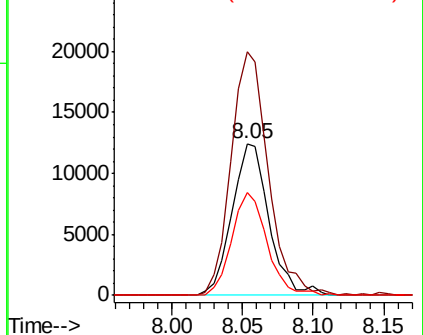
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

Tgt Ion:152 Resp: 22662
Ion Ratio Lower Upper
152 100
150 160.7 120.6 181.0
115 67.9 47.9 71.9



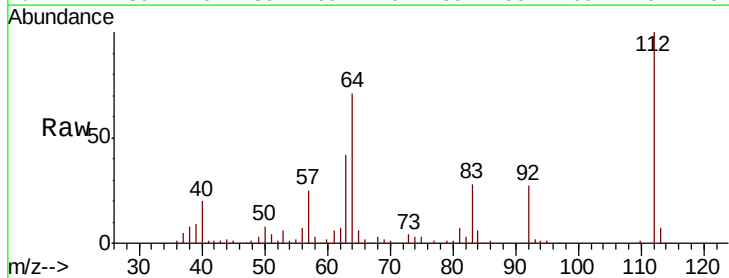
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



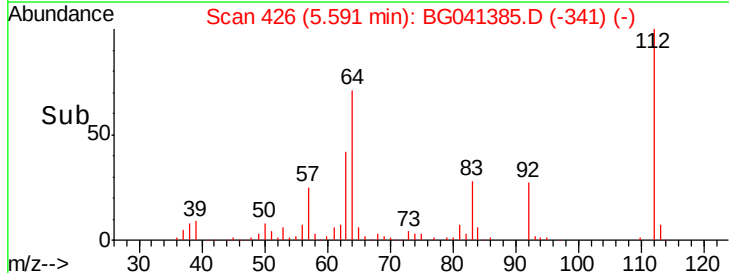
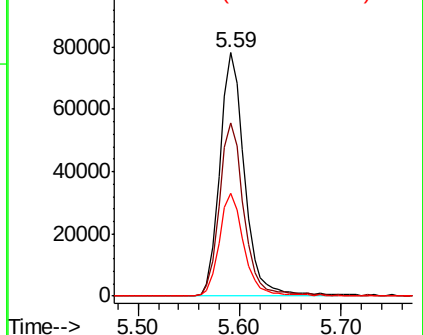
#5

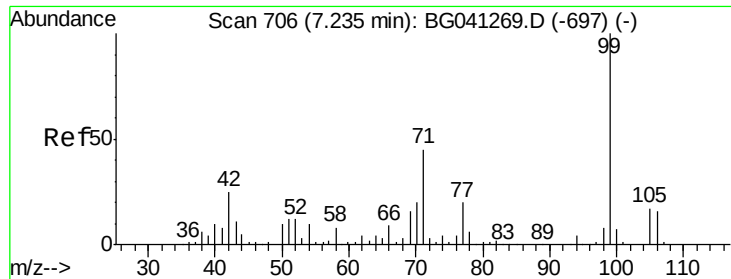
2-Fluorophenol
Concen: 107.519 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt Ion:112 Resp: 132610
Ion Ratio Lower Upper
112 100
64 71.0 55.9 83.9
63 42.4 34.6 51.8



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





#7

Phenol-d6

Concen: 109.043 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

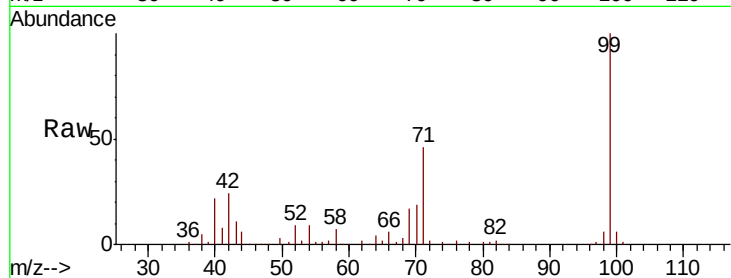
Tgt Ion: 99 Resp: 194944

Ion Ratio Lower Upper

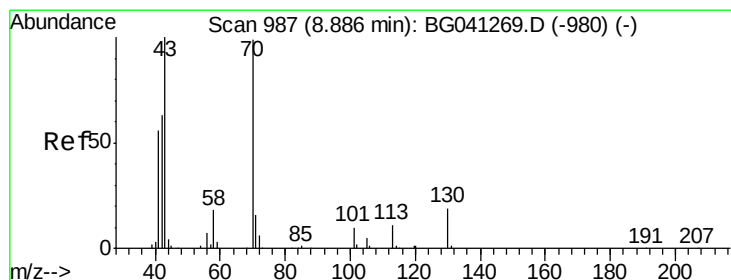
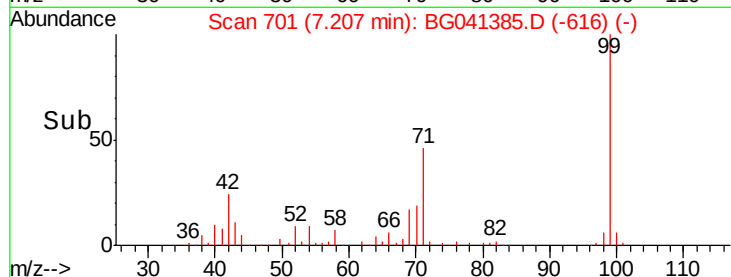
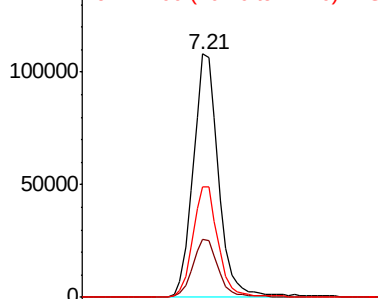
99 100

42 23.9 19.9 29.9

71 45.6 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: 12.962 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Tgt Ion: 70 Resp: 18742

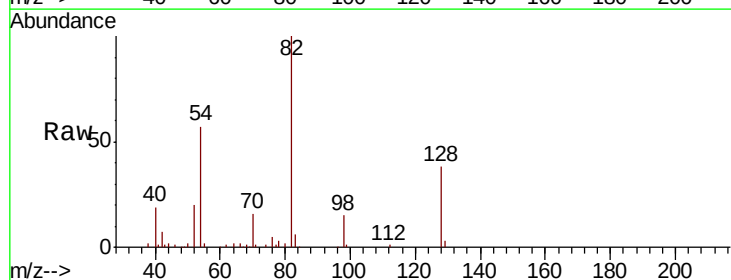
Ion Ratio Lower Upper

70 100

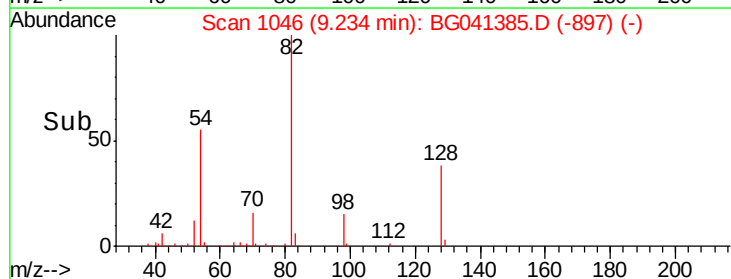
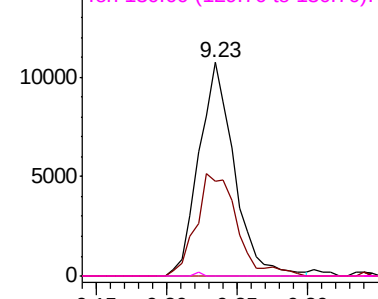
42 44.3 51.4 77.2#

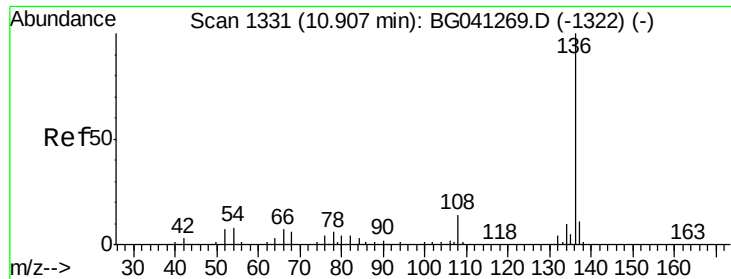
101 0.0 8.2 12.2#

130 0.0 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

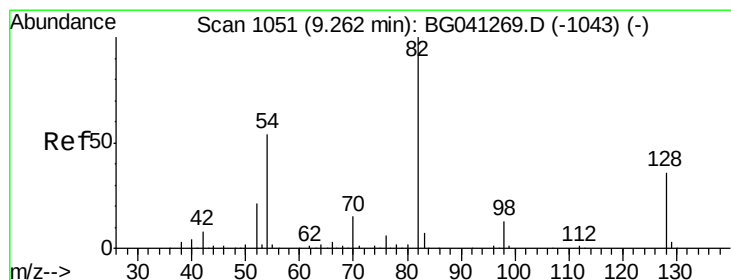
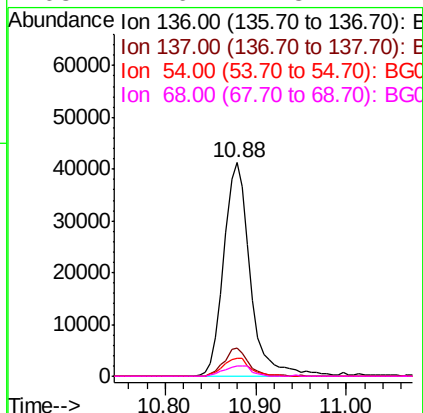
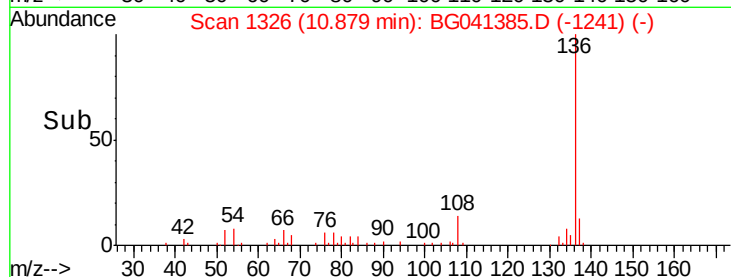
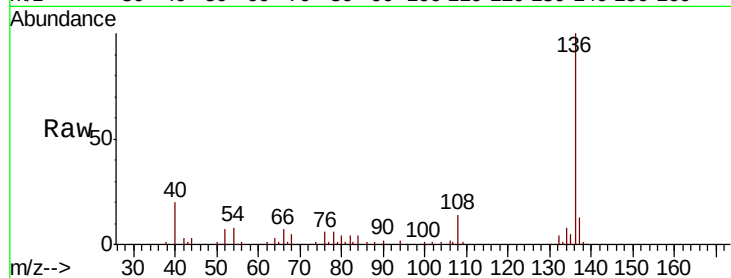




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

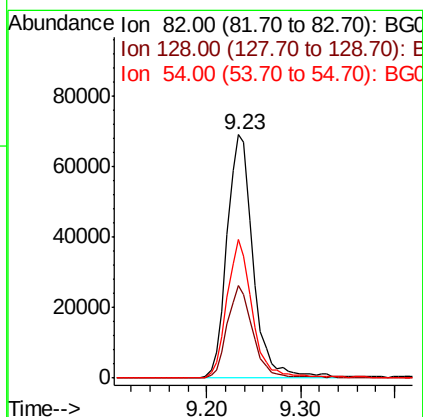
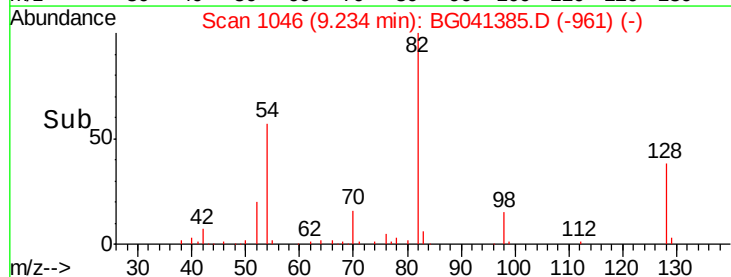
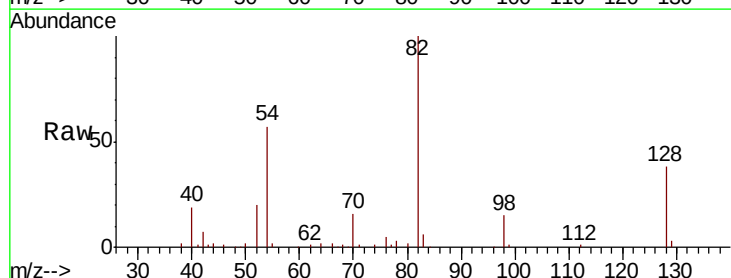
Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

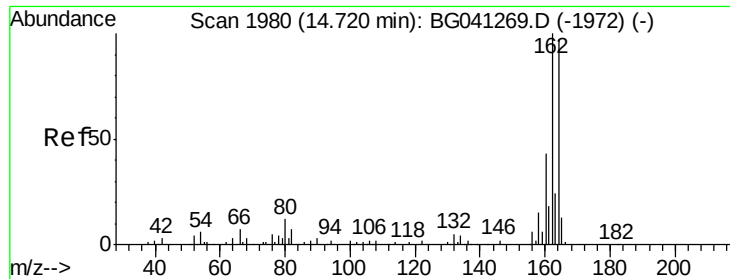
Tgt Ion:	136	Resp:	84056
Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.8	13.2
54	8.2	6.4	9.6
68	4.6	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 67.046 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt Ion:	82	Resp:	134001
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.2	43.8
54	56.8	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: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

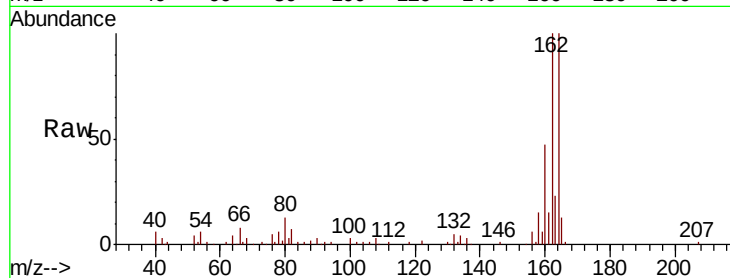
Tgt Ion:164 Resp: 64576

Ion Ratio Lower Upper

164 100

162 99.7 82.8 124.2

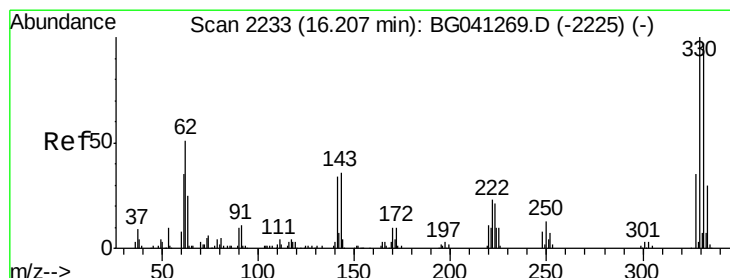
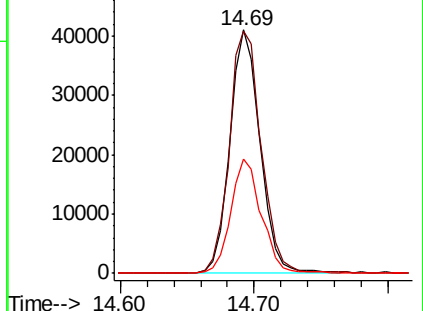
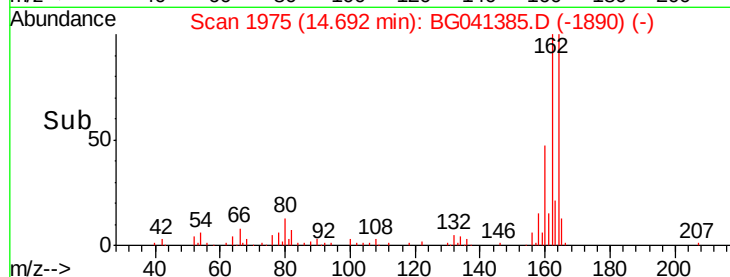
160 46.9 35.8 53.8



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: 108.420 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

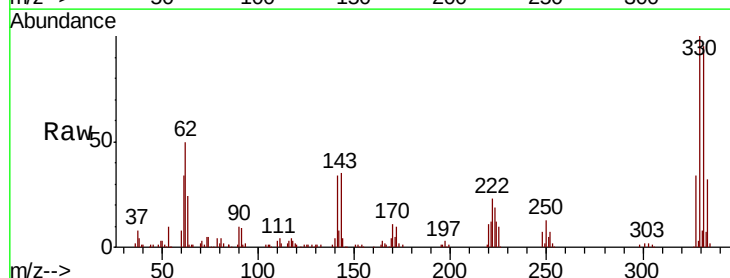
Tgt Ion:330 Resp: 107486

Ion Ratio Lower Upper

330 100

332 95.8 75.5 113.3

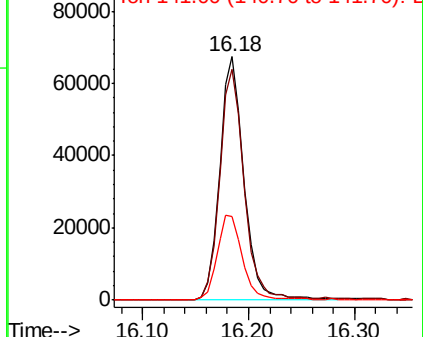
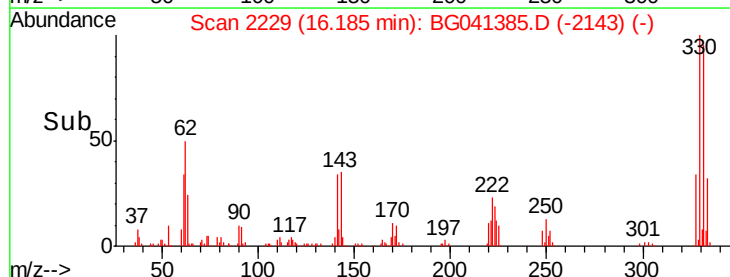
141 36.7 29.0 43.4

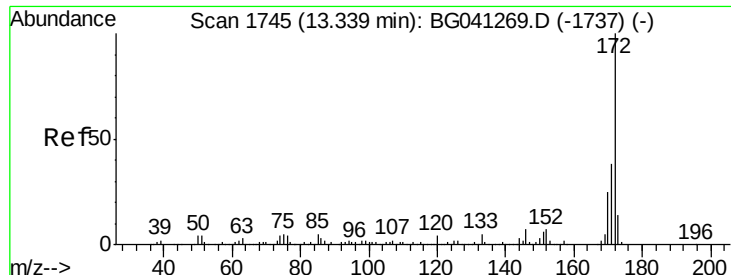


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

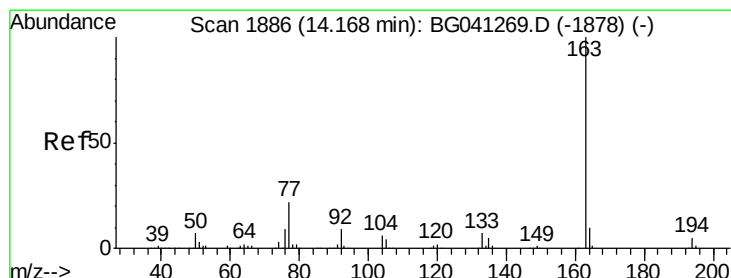
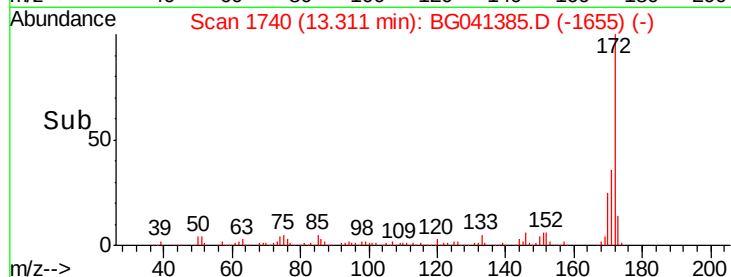
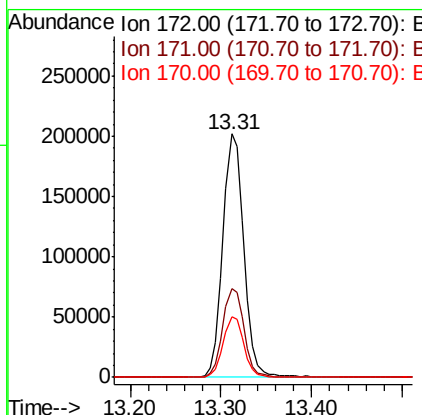
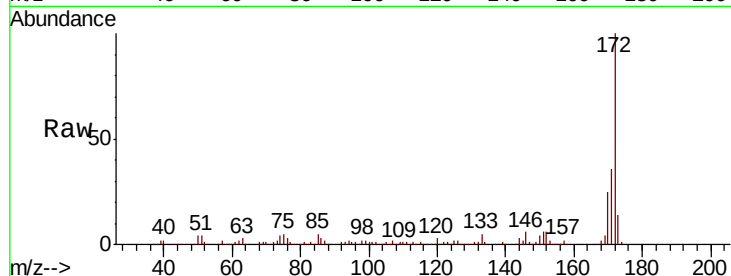




#45
2-Fluorobiphenyl
Concen: 68.375 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

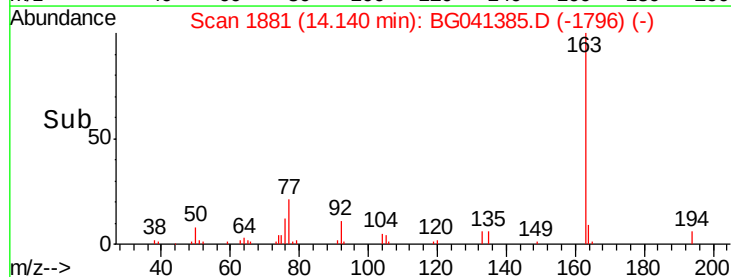
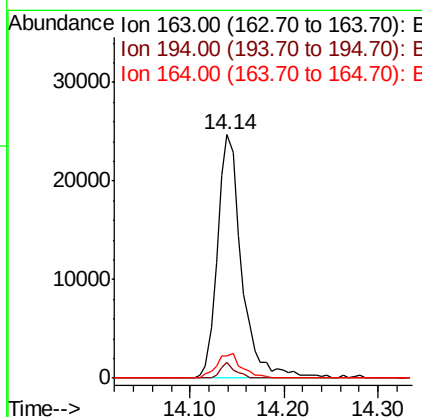
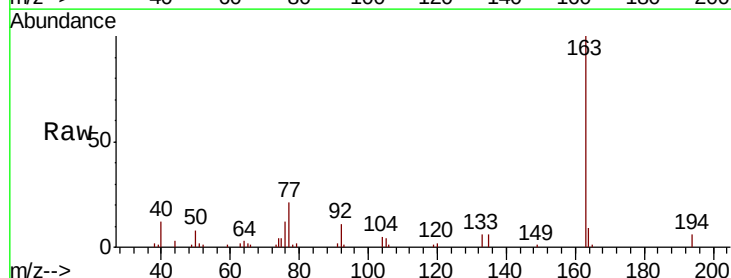
Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

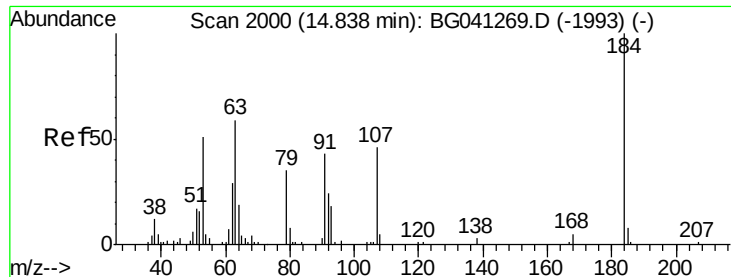
Tgt Ion:172 Resp: 324863
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 25.1 19.8 29.6



#50
Dimethylphthalate
Concen: 7.731 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt Ion:163 Resp: 44423
Ion Ratio Lower Upper
163 100
194 6.3 3.9 5.9#
164 9.2 8.3 12.5

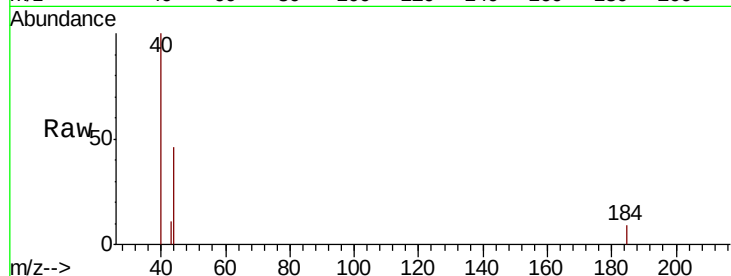




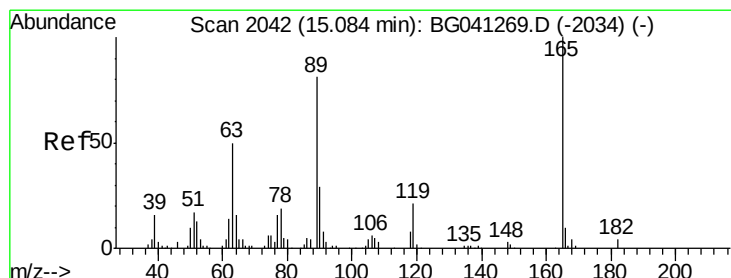
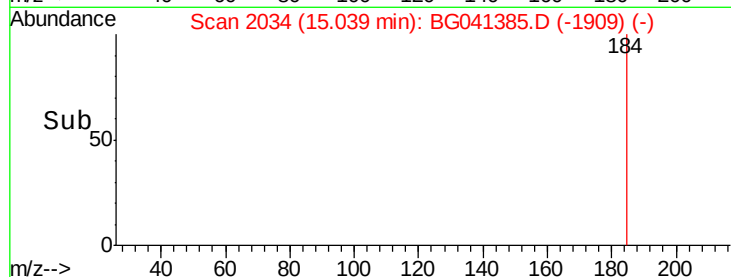
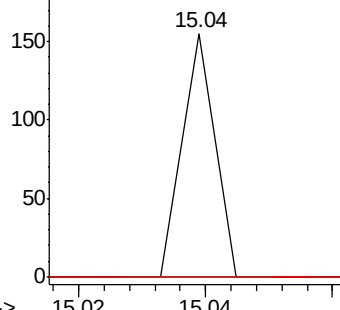
#54
2,4-Dinitrophenol
Concen: 4.905 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.20 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#

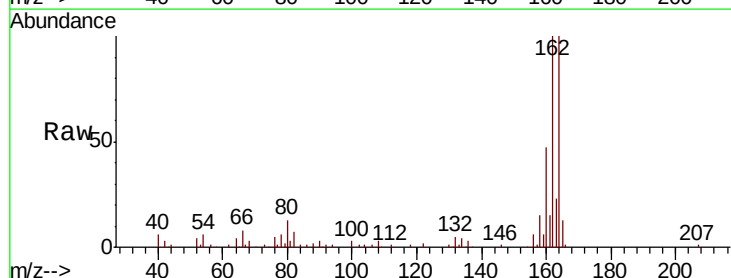


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

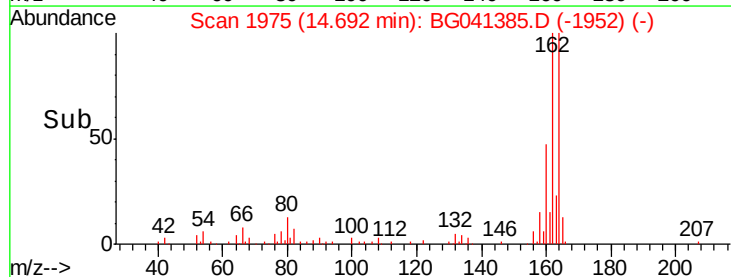
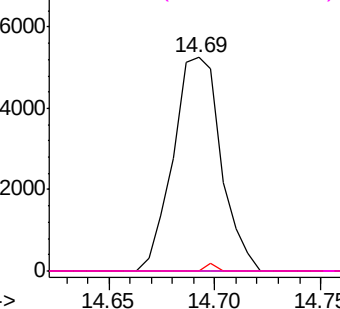


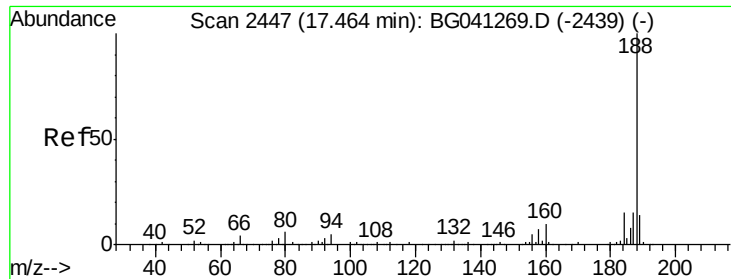
#57
2,4-Dinitrotoluene
Concen: 4.661 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.39 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt 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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

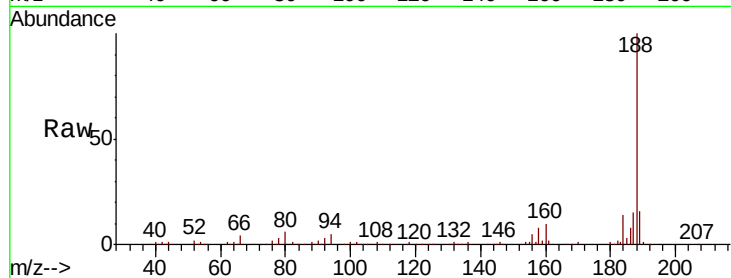
Tgt Ion:188 Resp: 183768

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

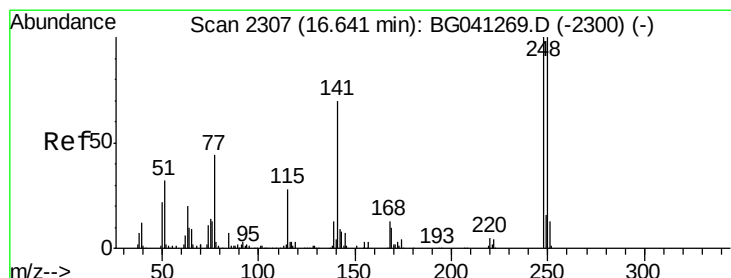
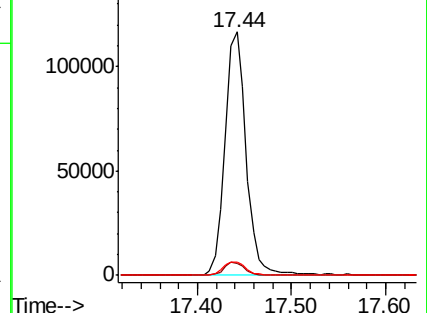
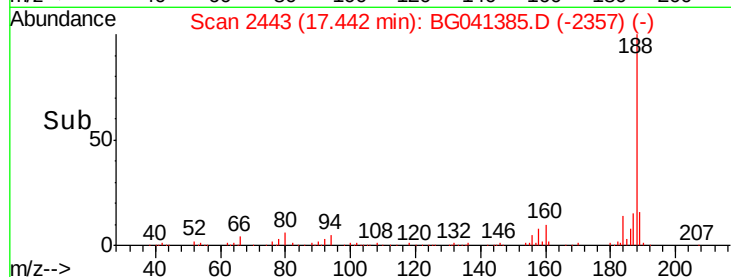
80 5.7 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.192 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.46 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

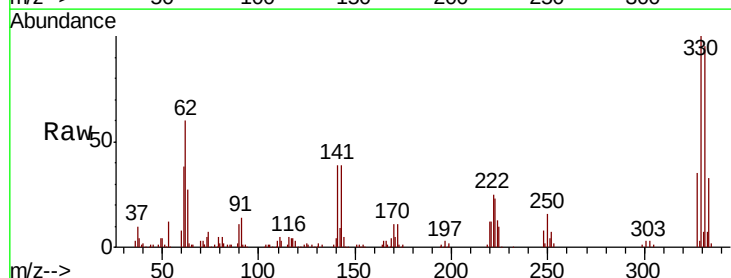
Tgt Ion:248 Resp: 7584

Ion Ratio Lower Upper

248 100

250 154.5 79.8 119.8#

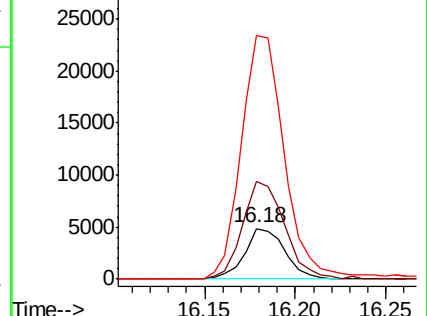
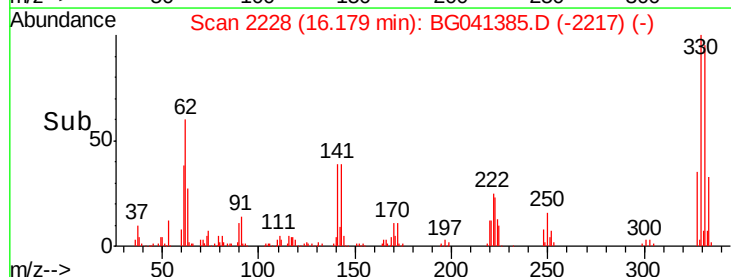
141 385.9 55.8 83.6#

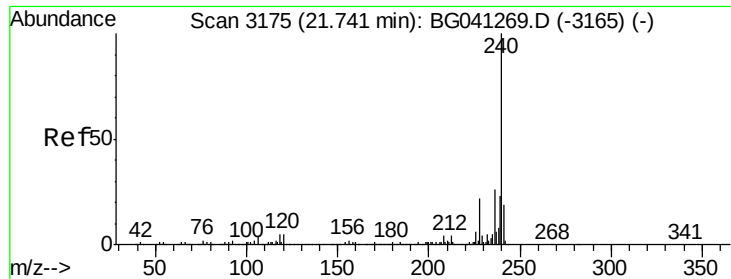


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

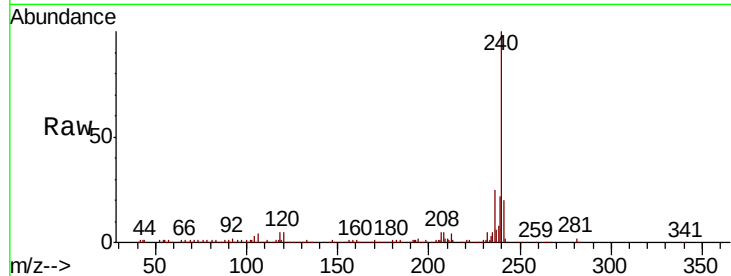
Tgt Ion:240 Resp: 204266

Ion Ratio Lower Upper

240 100

120 5.1 3.7 5.5

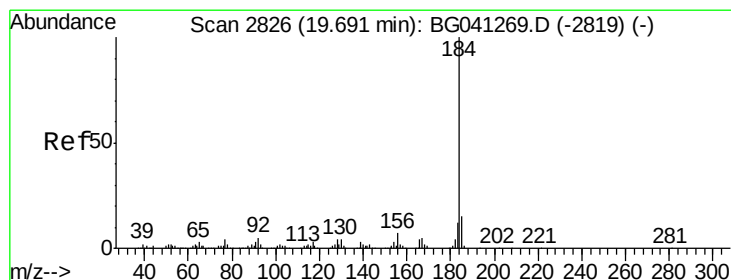
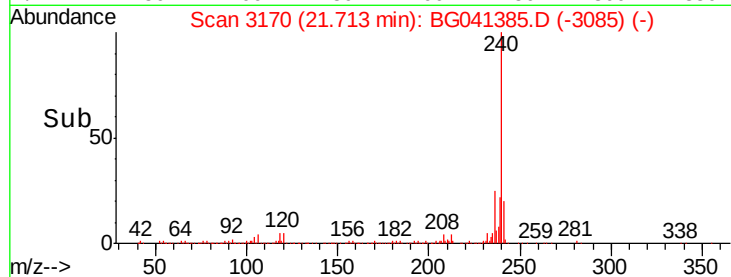
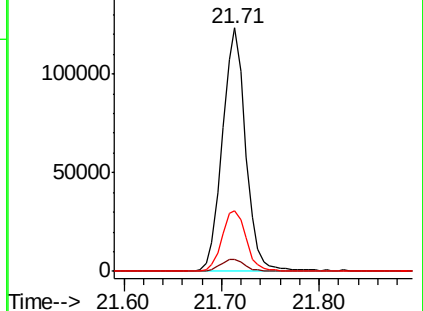
236 25.1 21.1 31.7



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



#77

Benzidine

Concen: 2.480 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.35 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

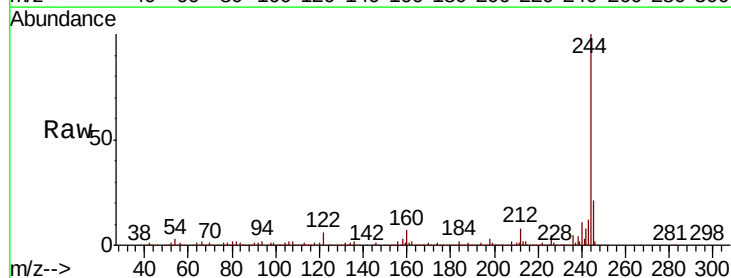
Tgt Ion:184 Resp: 12253

Ion Ratio Lower Upper

184 100

185 20.9 12.2 18.2#

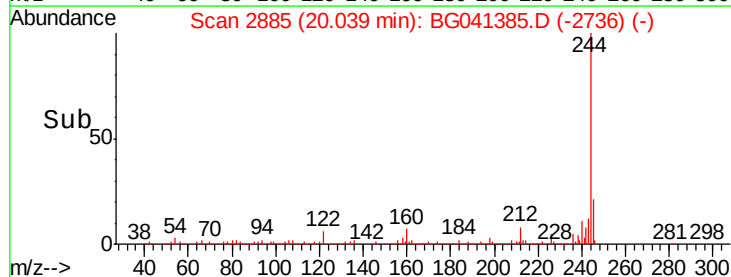
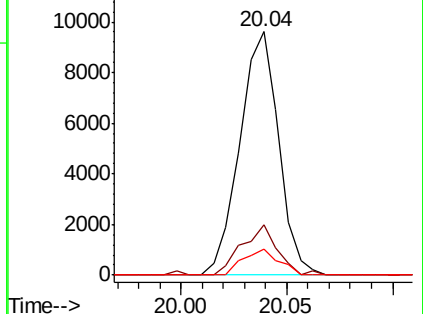
183 11.0 9.6 14.4

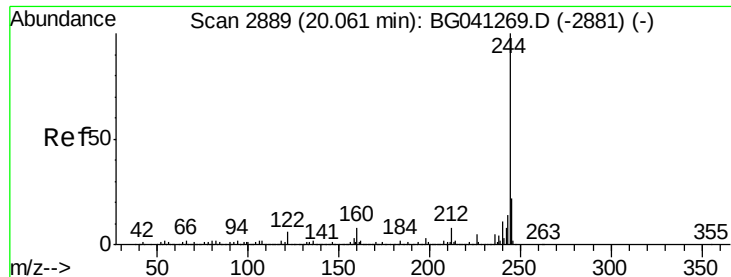


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 72.094 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

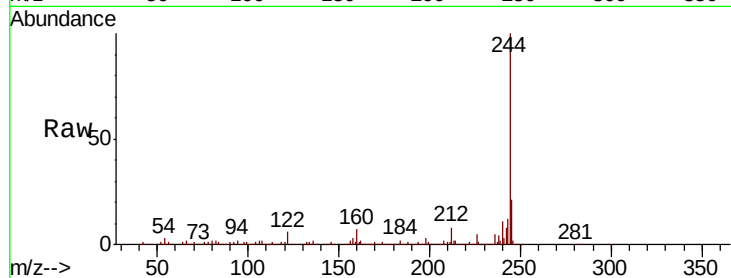
Tgt Ion:244 Resp: 743087

Ion Ratio Lower Upper

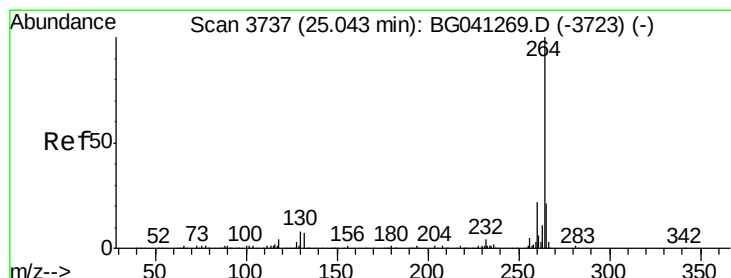
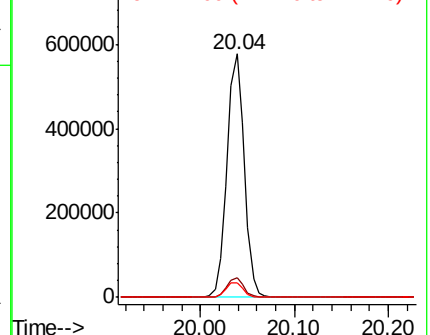
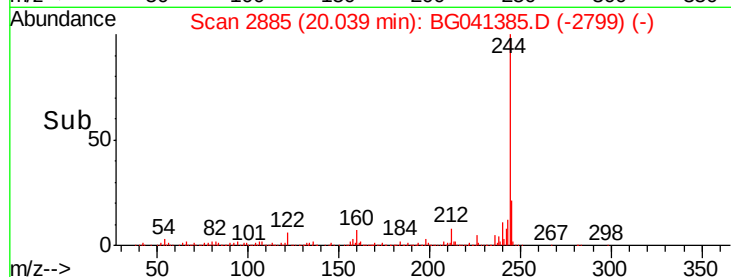
244 100

212 7.9 6.6 10.0

122 6.1 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: BG041385.D

Acq: 21 Jun 2019 20:35

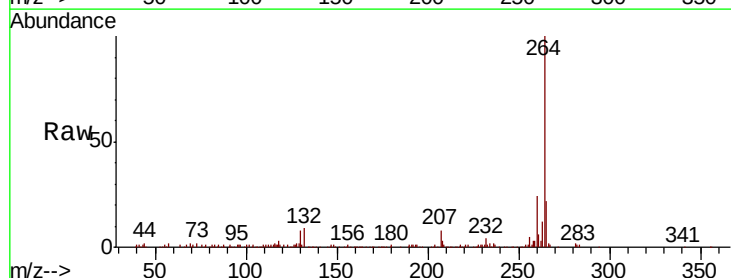
Tgt Ion:264 Resp: 209817

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

