

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041389.D
 Acq On : 21 Jun 2019 23:07
 Operator : HP/JU
 Sample : K3454-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 30272

Quant Time: Jun 22 01:06:00 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

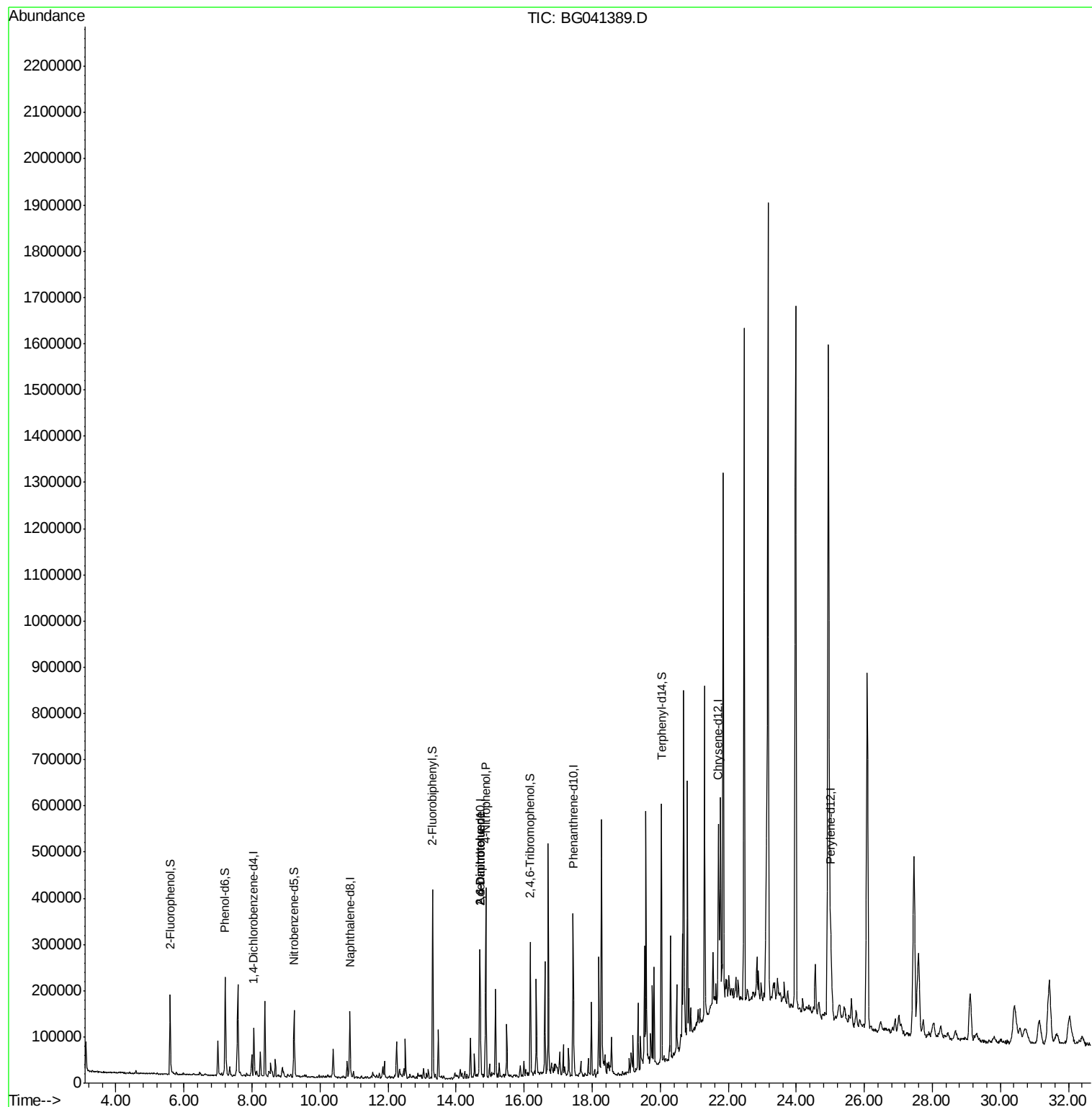
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29078	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	116137	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	86435	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	217612	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	215592	20.00	ng	-0.03
87) Perylene-d12	25.01	264	229270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	71532	45.20	ng	-0.02
7) Phenol-d6	7.21	99	115847	50.50	ng	-0.02
23) Nitrobenzene-d5	9.23	82	83980	30.41	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	54236	40.87	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	204383	32.14	ng	-0.03
79) Terphenyl-d14	20.04	244	280112	25.75	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	14.69	165	11934	7.359	ng	# 16
56) 4-Nitrophenol	14.87	139	158	3.341	ng	# 49
57) 2,4-Dinitrotoluene	14.69	165	11934	5.034	ng	# 19

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

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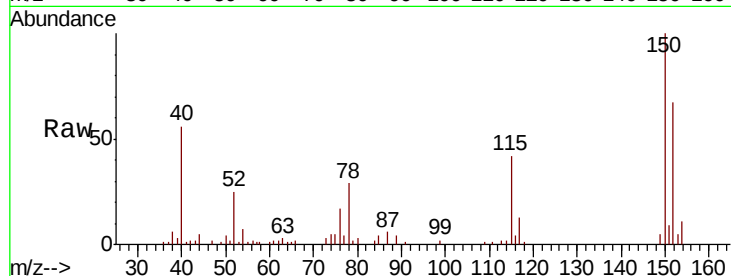


#1

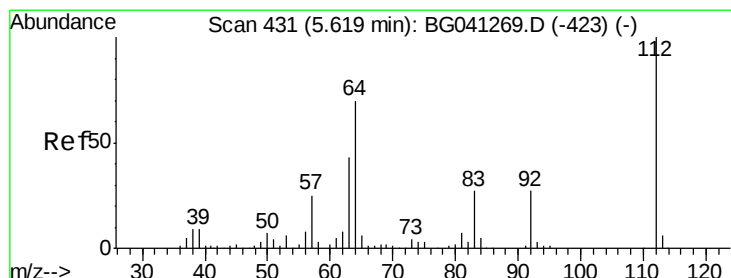
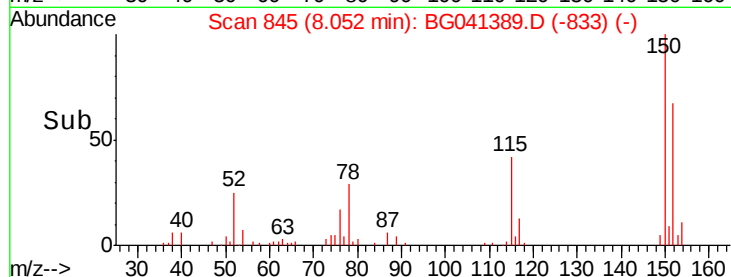
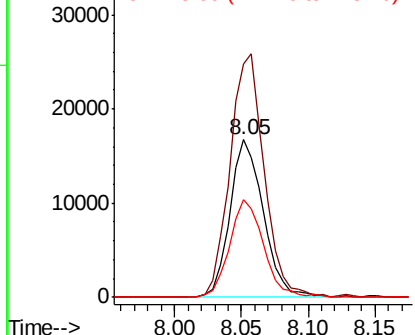
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Instrument :
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30272

Tgt Ion:152 Resp: 29078
Ion Ratio Lower Upper
152 100
150 148.3 120.6 181.0
115 62.4 47.9 71.9



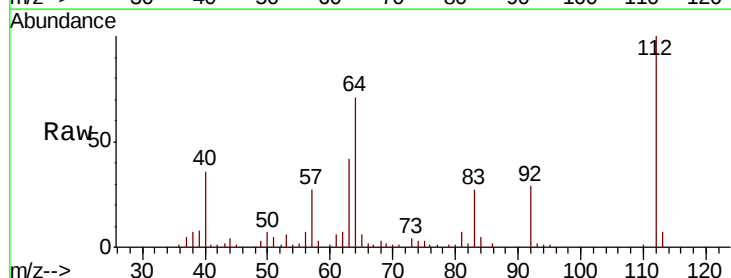
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



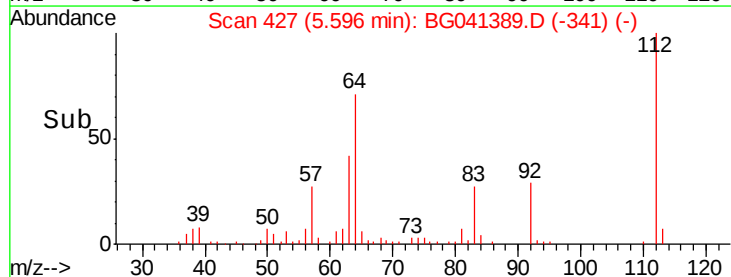
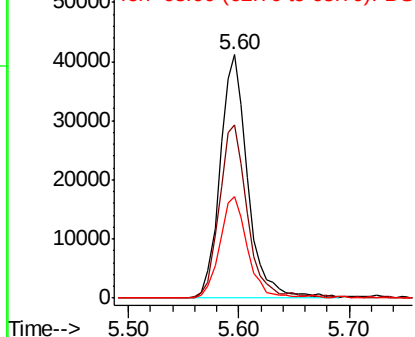
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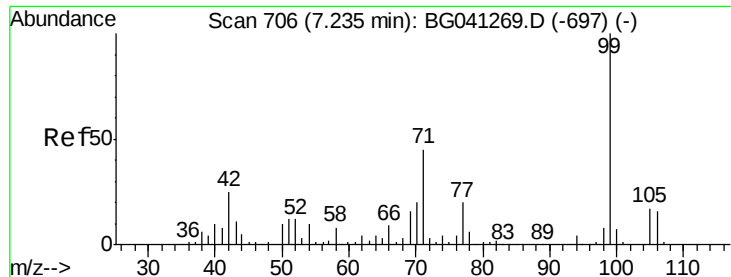
2-Fluorophenol
Concen: 45.200 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Tgt Ion:112 Resp: 71532
Ion Ratio Lower Upper
112 100
64 71.3 55.9 83.9
63 41.7 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: 50.502 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Instrument :

BNA_G

ClientSampleId :

30272

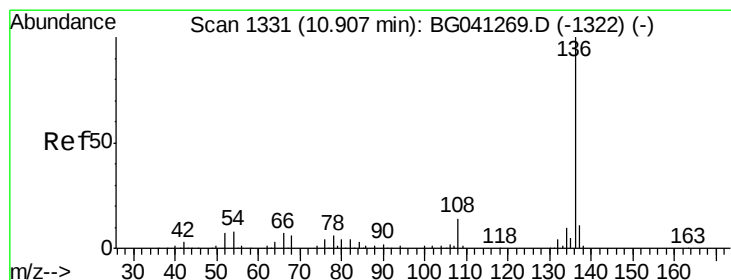
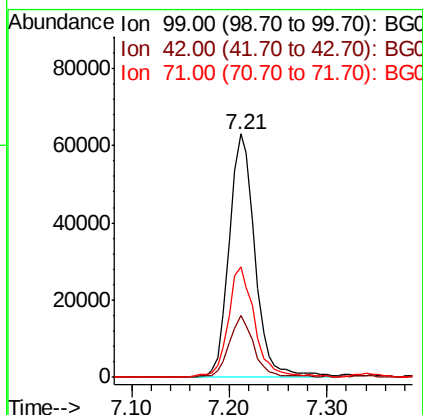
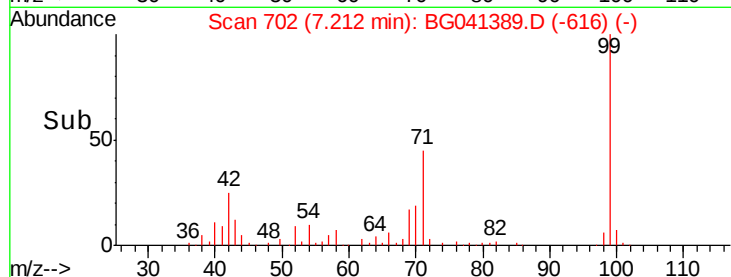
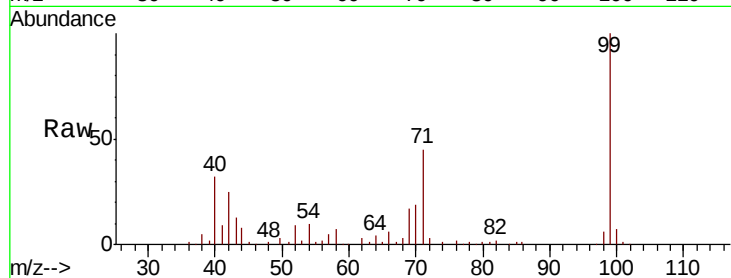
Tgt Ion: 99 Resp: 115847

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

71 45.3 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Tgt Ion: 136 Resp: 116137

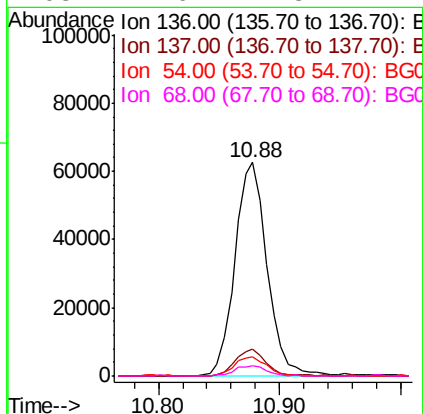
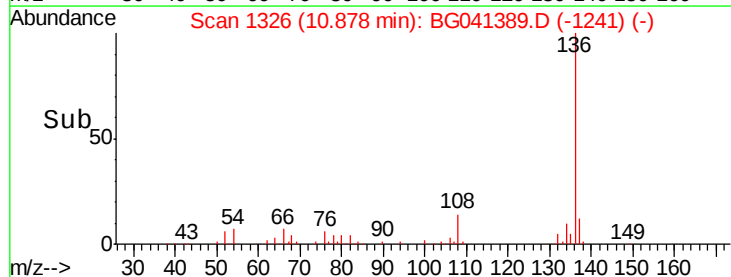
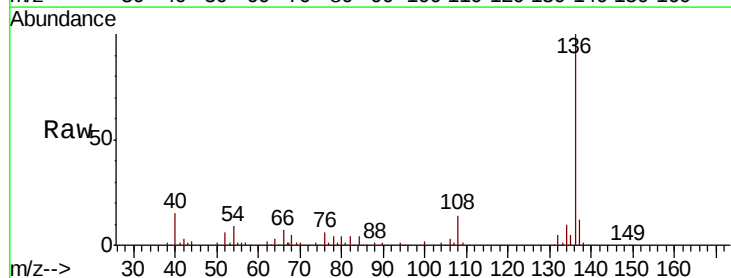
Ion Ratio Lower Upper

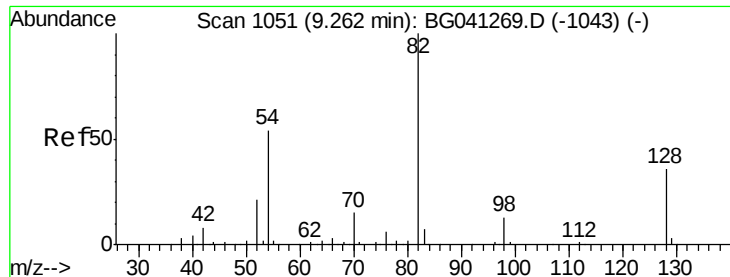
136 100

137 12.3 8.8 13.2

54 8.8 6.4 9.6

68 4.6 4.8 7.2#

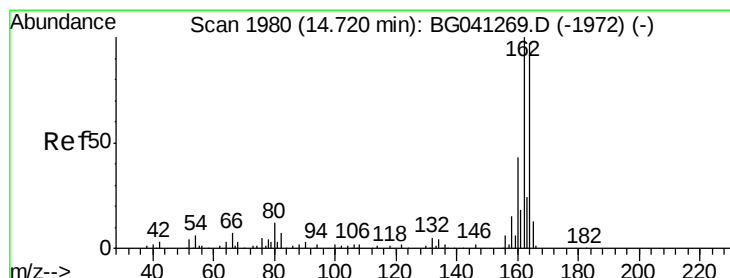
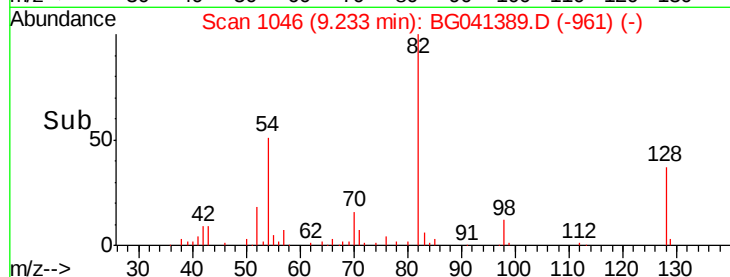
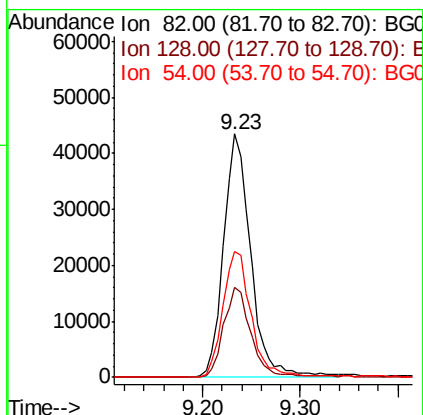
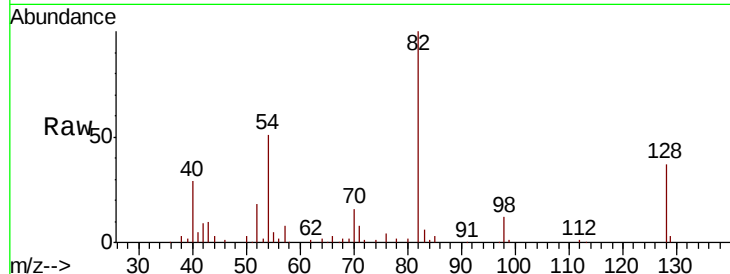




#23
 Nitrobenzene-d5
 Concen: 30.411 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

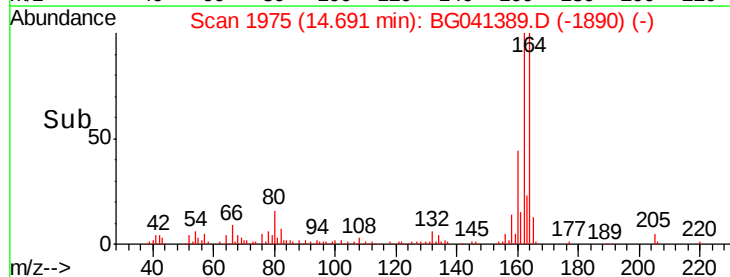
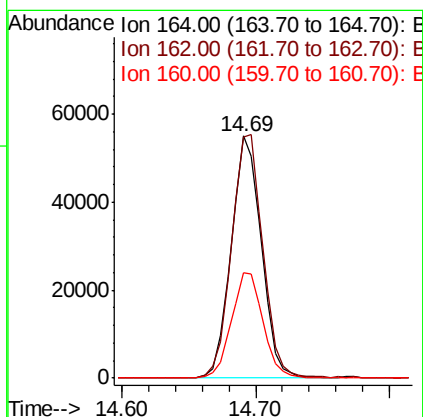
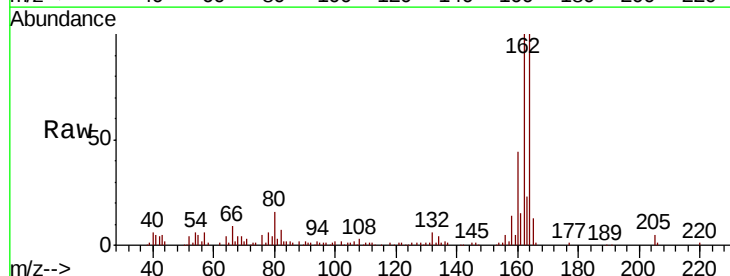
Instrument :
 BNA_G
 ClientSampled :
 30272

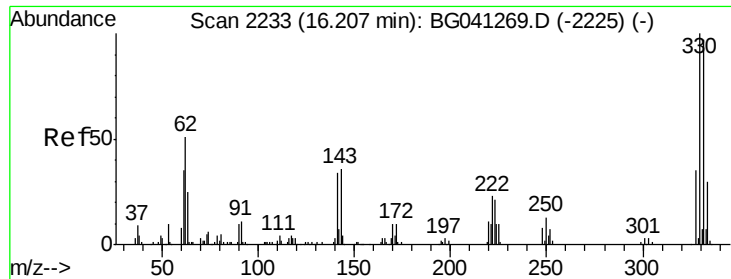
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.2	43.8
54	51.4	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.03 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.8	124.2
160	43.7	35.8	53.8

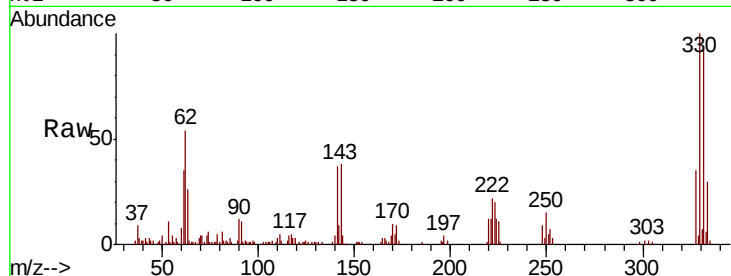




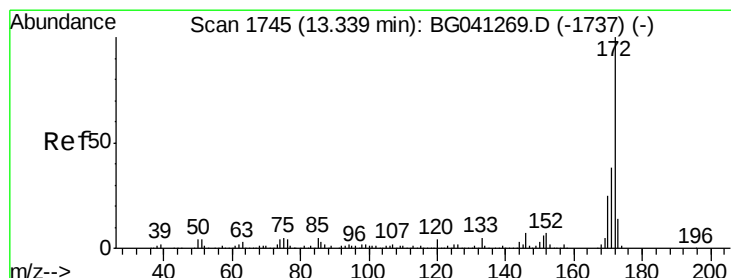
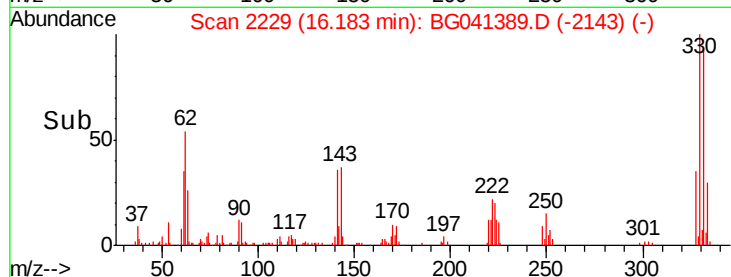
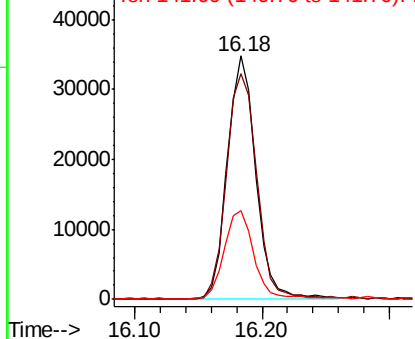
#42
 2,4,6-Tribromophenol
 Concen: 40.872 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Instrument :
 BNA_G
 ClientSampleId :
 30272

Tgt Ion:330 Resp: 54236
 Ion Ratio Lower Upper
 330 100
 332 98.6 75.5 113.3
 141 37.3 29.0 43.4

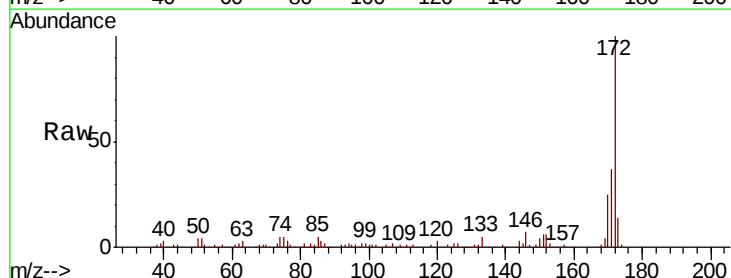


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

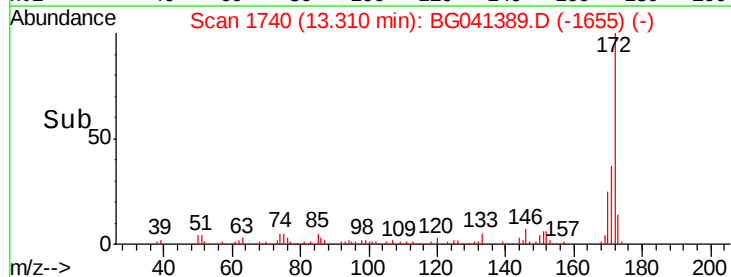
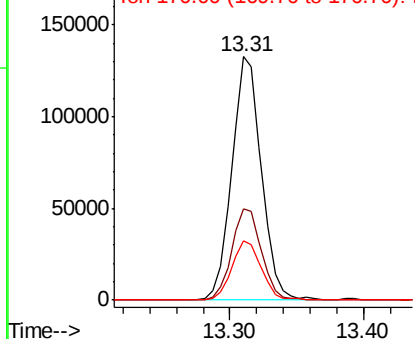


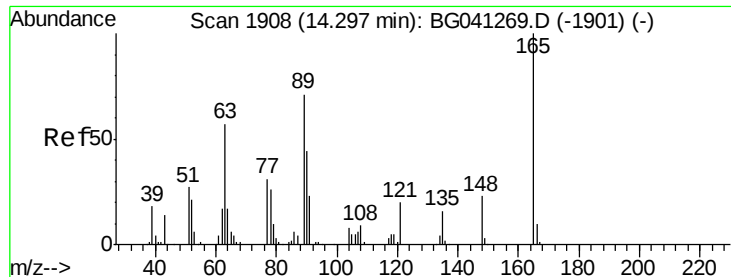
#45
 2-Fluorobiphenyl
 Concen: 32.138 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Tgt Ion:172 Resp: 204383
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.6 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





#51

2,6-Dinitrotoluene

Concen: 7.359 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.39 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

Instrument :

BNA_G

ClientSampleId :

30272

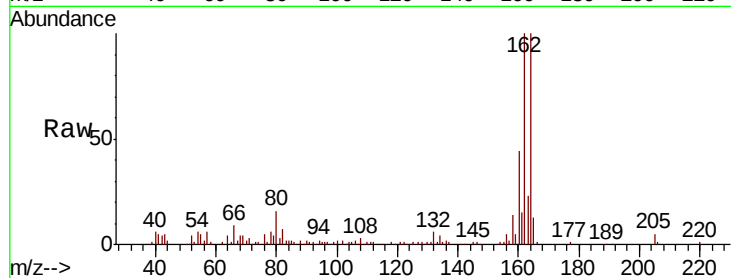
Tgt Ion:165 Resp: 11934

Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.0#

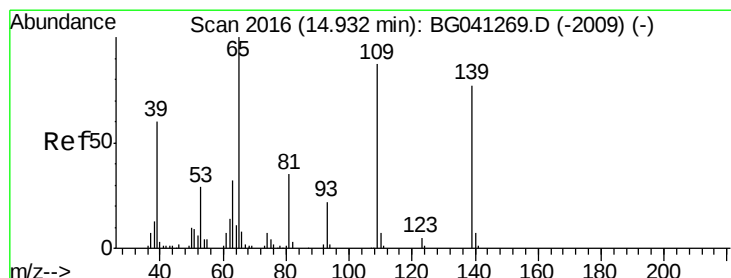
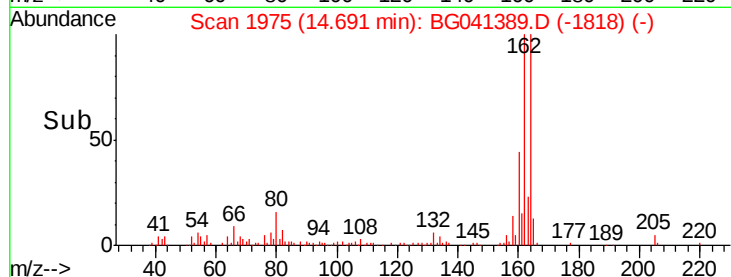
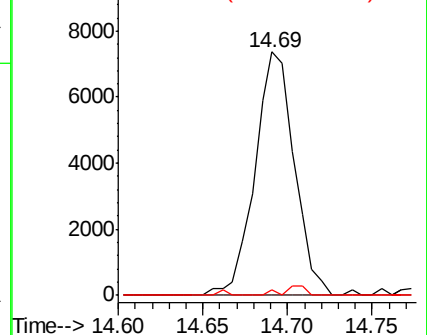
89 2.1 56.5 84.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56

4-Nitrophenol

Concen: 3.341 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.06 min

Lab File: BG041389.D

Acq: 21 Jun 2019 23:07

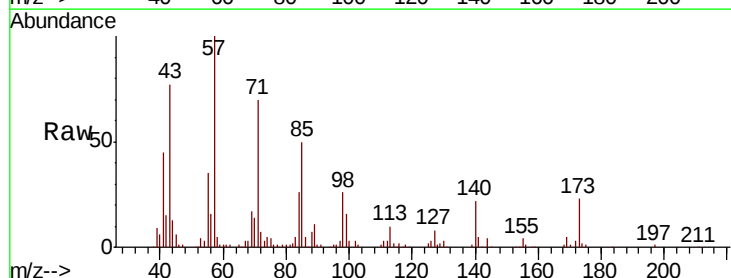
Tgt Ion:139 Resp: 158

Ion Ratio Lower Upper

139 100

109 0.0 93.2 133.2#

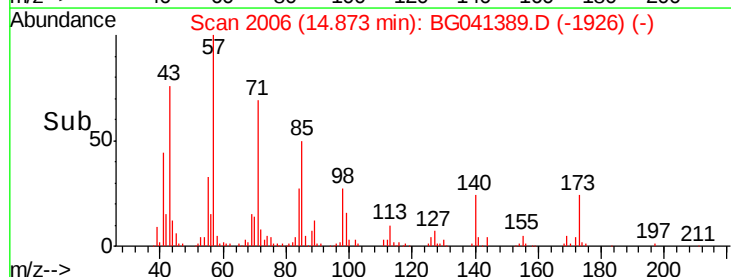
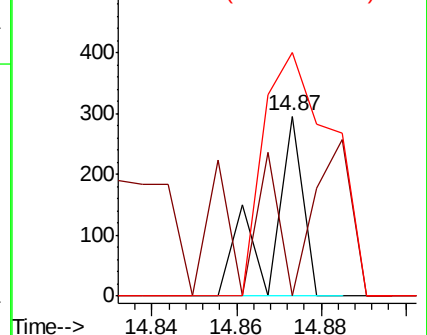
65 135.5 110.2 150.2

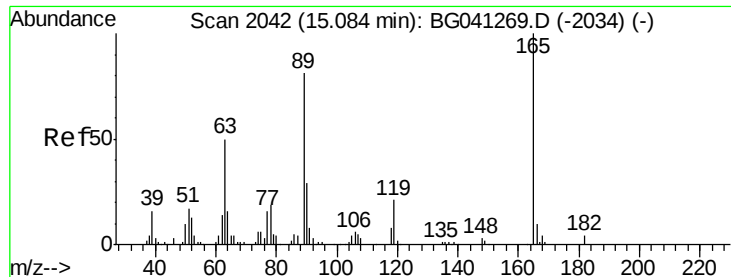


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

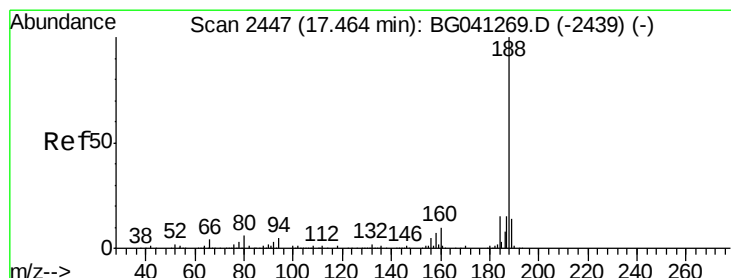
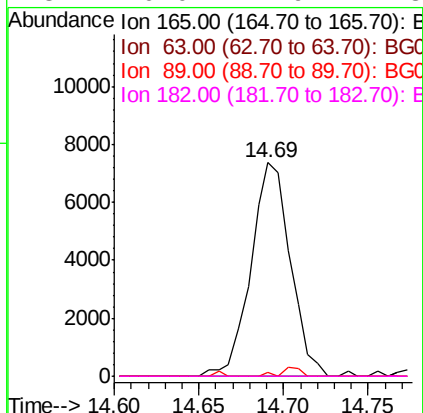
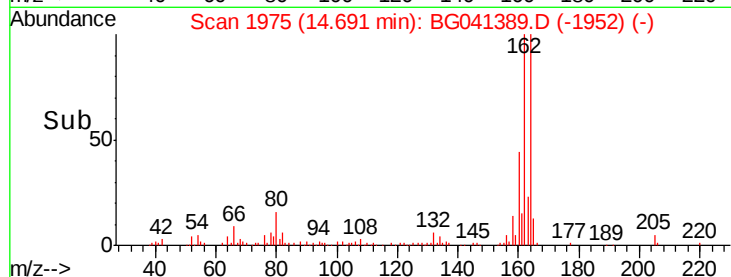
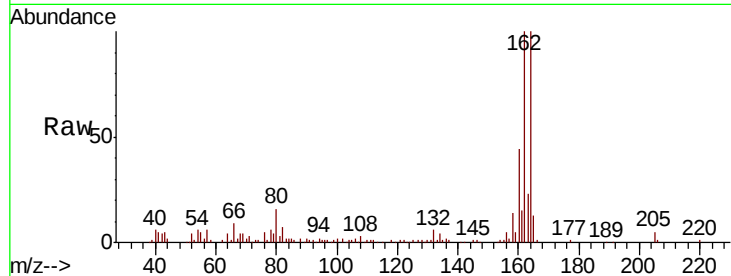




#57
 2,4-Dinitrotoluene
 Concen: 5.034 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.39 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

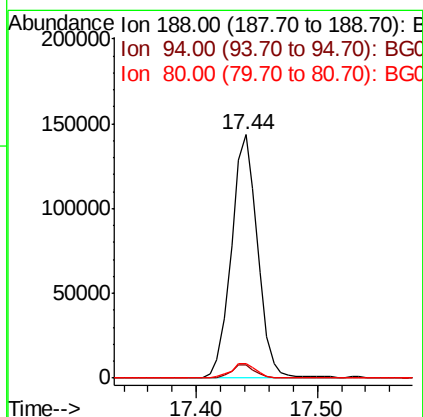
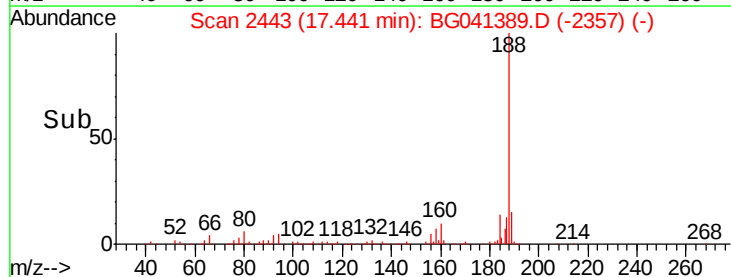
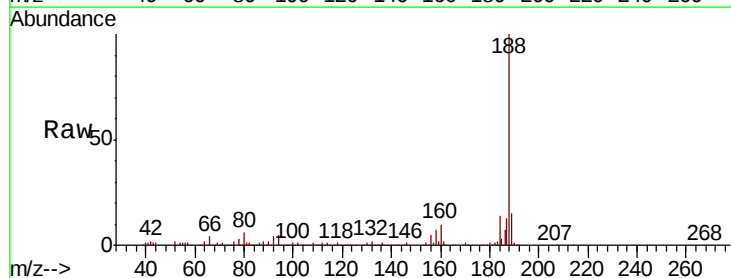
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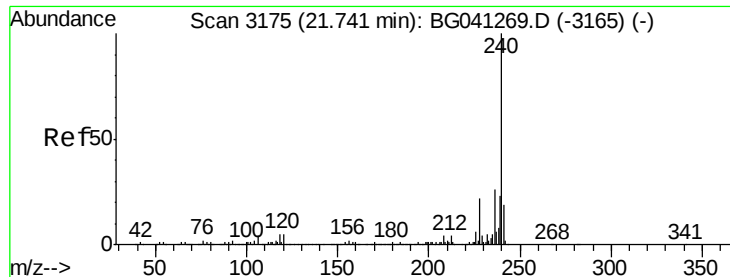
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.02 min
 Lab File: BG041389.D
 Acq: 21 Jun 2019 23:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	6.1	4.8	7.2

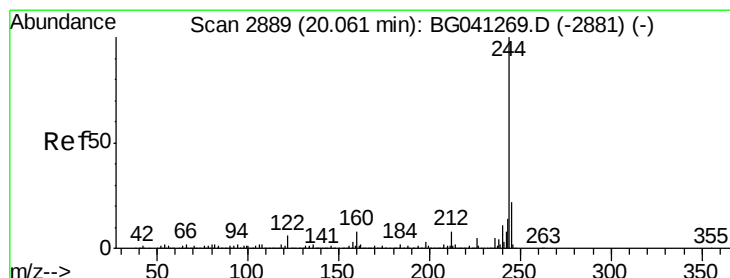
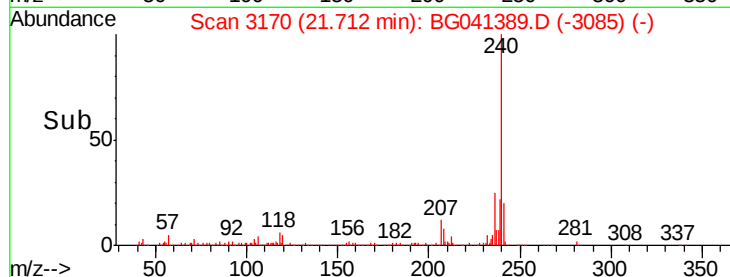
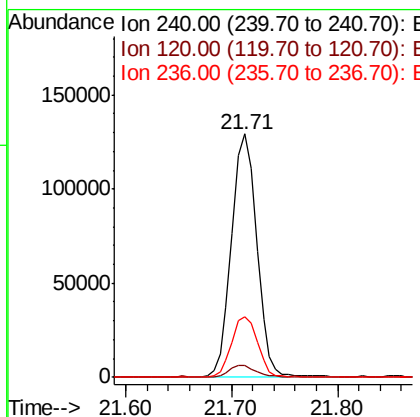
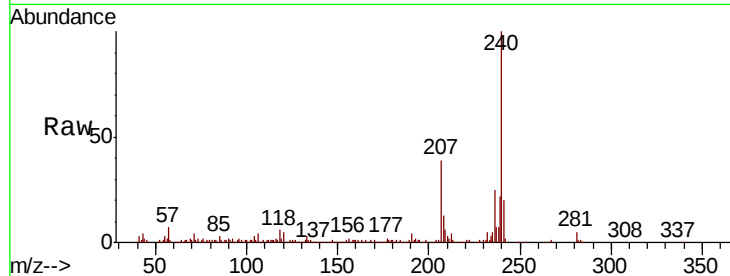




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

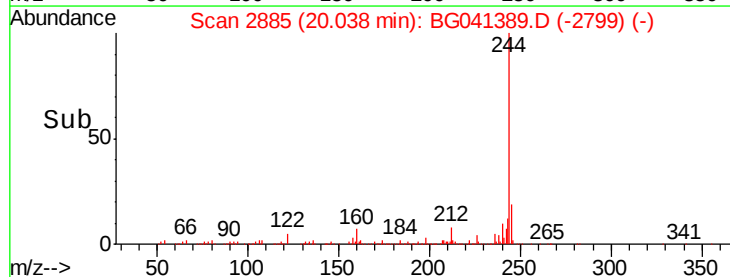
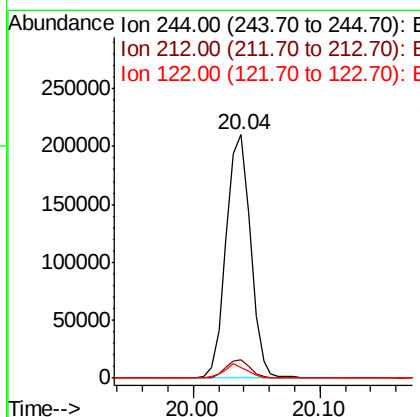
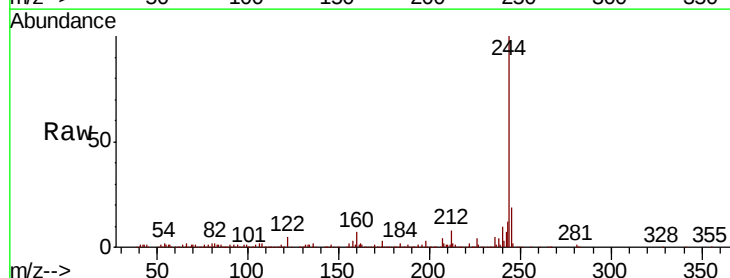
Instrument :
BNA_G
ClientSampleId :
30272

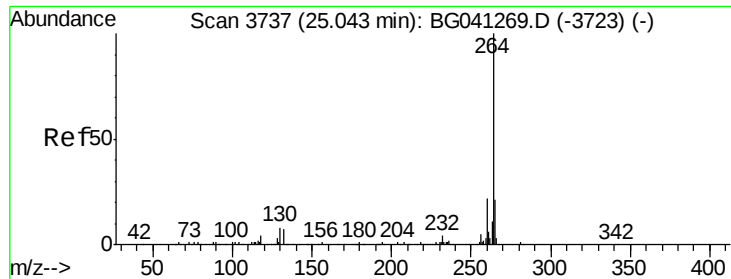
Tgt Ion:240 Resp: 215592
Ion Ratio Lower Upper
240 100
120 5.0 3.7 5.5
236 24.8 21.1 31.7



#79
Terphenyl-d14
Concen: 25.749 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Tgt Ion:244 Resp: 280112
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 4.6 5.0 7.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG041389.D
Acq: 21 Jun 2019 23:07

Instrument :
BNA_G
ClientSampleId :
30272

Tgt Ion: 264 Resp: 229270

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.2
265	21.0	17.2	25.8

