

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041337.D
 Acq On : 19 Jun 2019 20:46
 Operator : HP/JU
 Sample : K3410-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Manual Integrations
 APPROVED

mohammad
 6/21/2019 9:57:40 PM

Quant Time: Jun 20 05:15:12 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	8.08	152	42810	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	163009	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107699	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	256290	20.00	ng	0.01
76) Chrysene-d12	21.75	240	256110	20.00	ng	0.01
87) Perylene-d12	25.08	264	242592	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91288	39.18	ng	0.00
7) Phenol-d6	7.24	99	83618	24.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	325265	83.92	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131860	79.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	712997	89.98	ng	0.00
79) Terphenyl-d14	20.07	244	1006964	77.92	ng	0.01
Target Compounds						
32) Benzoic acid	10.27	122	12652m	8.204	ng	Qvalue 97
50) Dimethylphthalate	14.17	163	25226	2.632	ng	

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

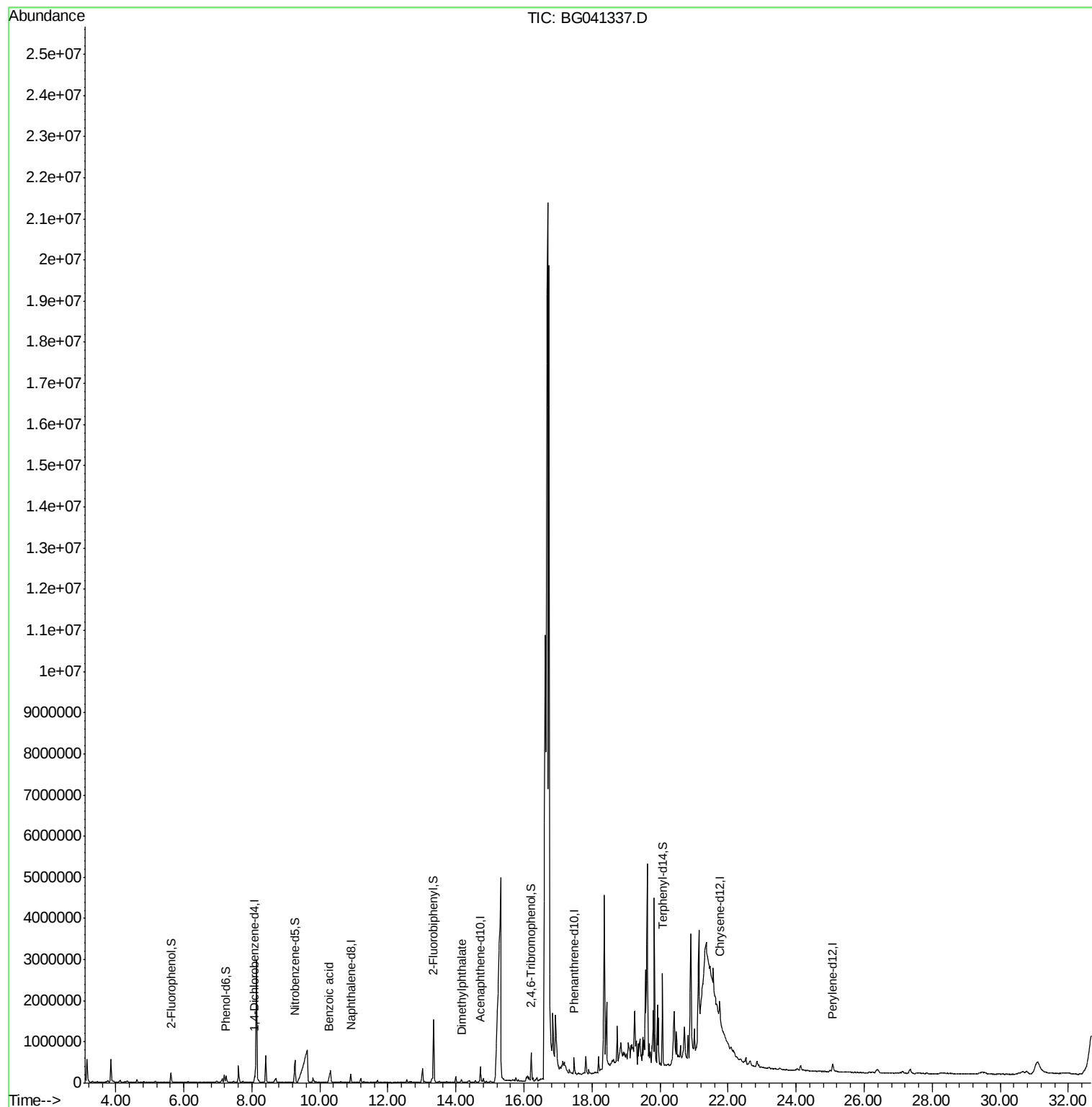
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
Operator : HP/JU
Sample : K3410-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

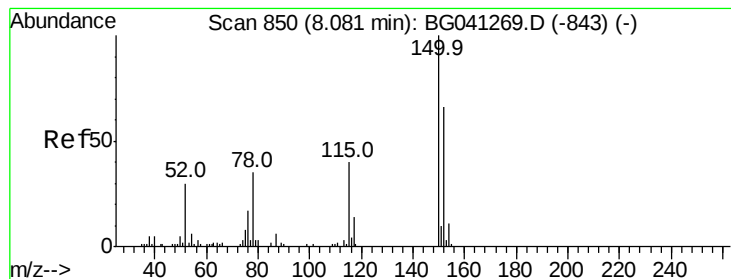
Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:40 PM

Quant Time: Jun 20 05:15:12 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





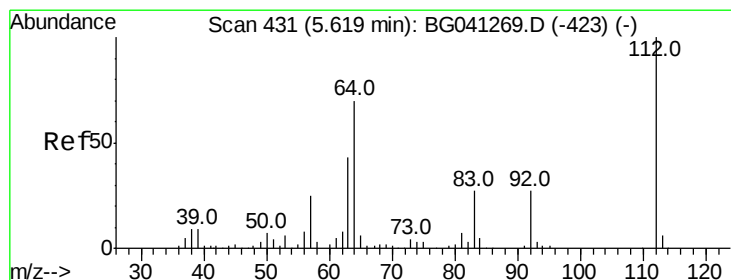
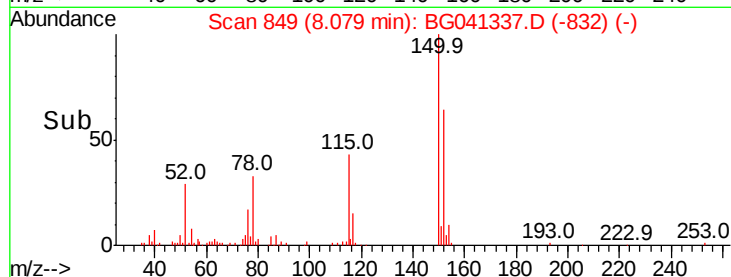
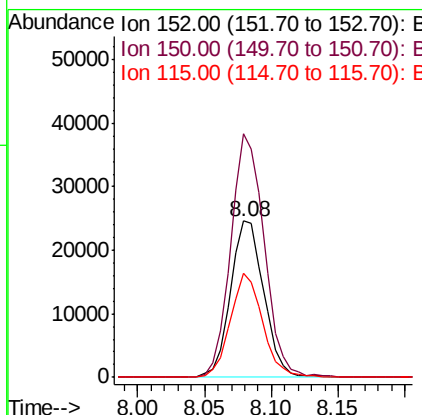
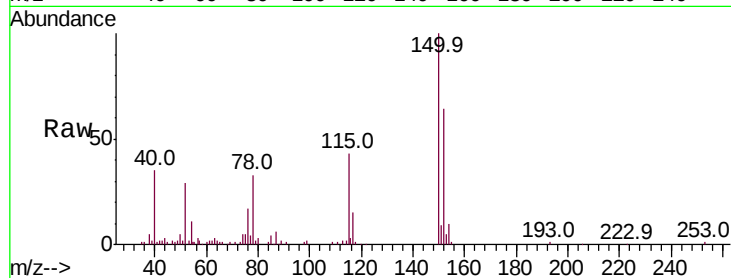
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.6	181.0
115	66.5	47.9	71.9

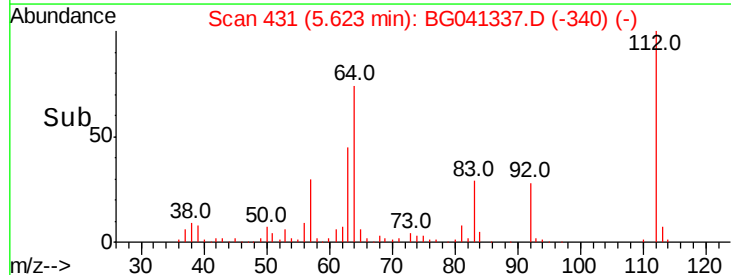
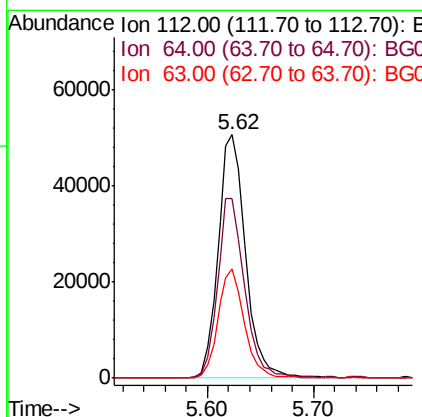
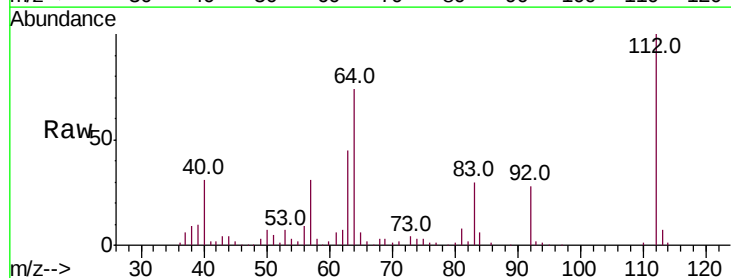
Manual Integrations
 APPROVED

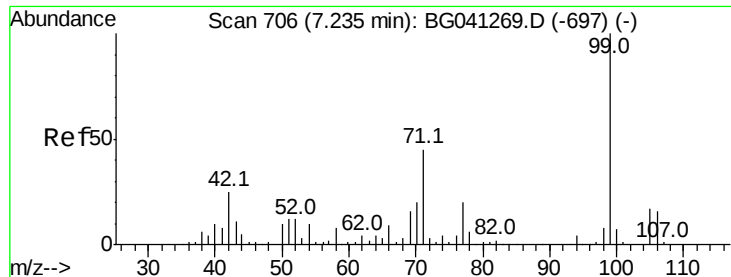
mohammad
 6/21/2019 9:57:40 PM



#5
 2-Fluorophenol
 Concen: 39.181 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	55.9	83.9
63	45.0	34.6	51.8





#7

Phenol-d6

Concen: 24.759 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

Tot Ion: 99 Resp: 83618

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

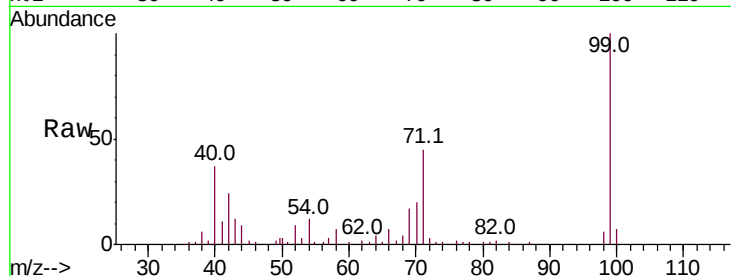
71 45.5 36.4 54.6

Manual Integrations

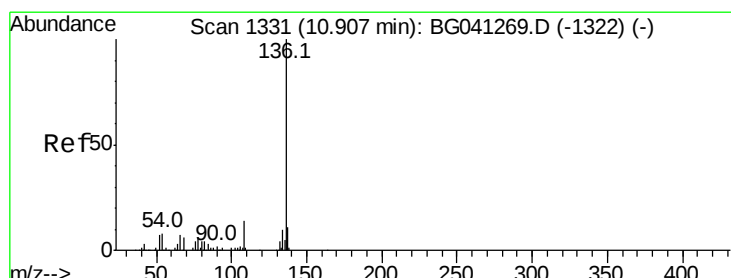
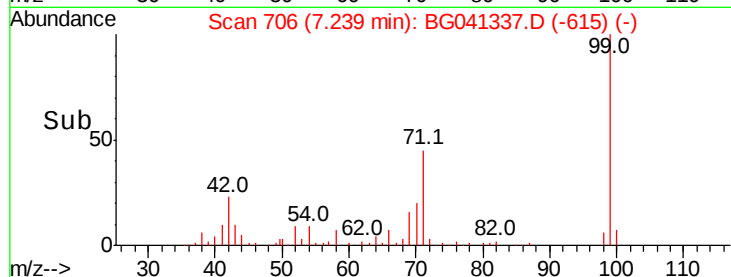
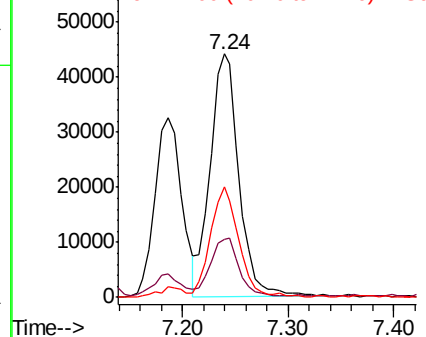
APPROVED

mohammad

6/21/2019 9:57:40 PM



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: 10.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Tgt Ion: 136 Resp: 163009

Ion Ratio Lower Upper

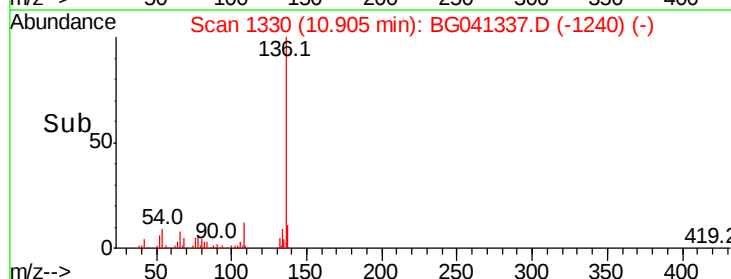
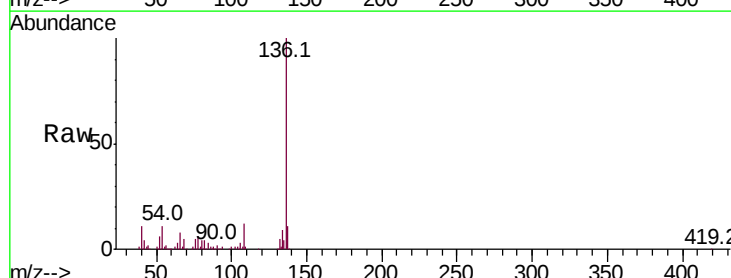
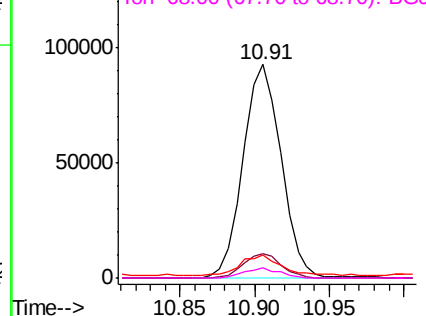
136 100

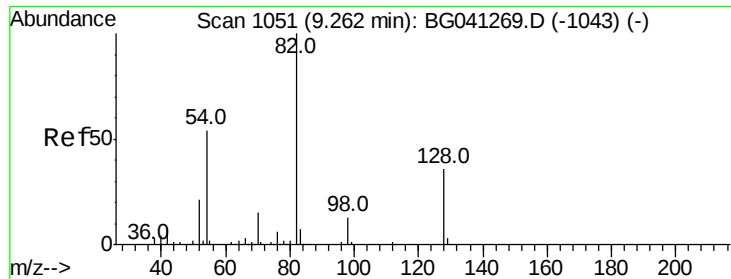
137 11.2 8.8 13.2

54 10.6 6.4 9.6#

68 4.6 4.8 7.2#

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): BGC
Ion 68.00 (67.70 to 68.70): BGC





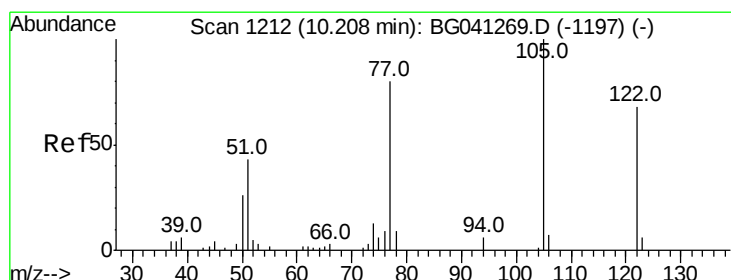
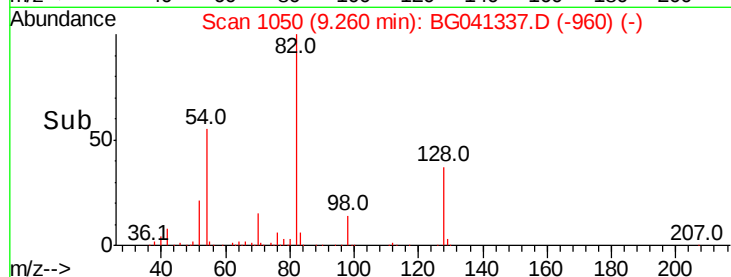
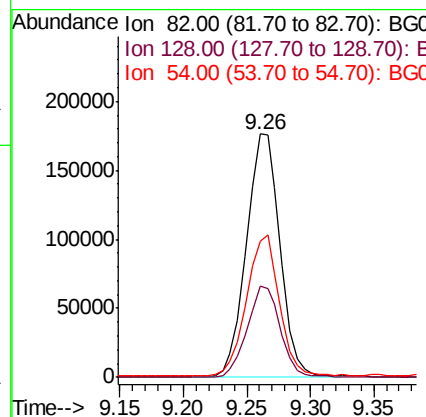
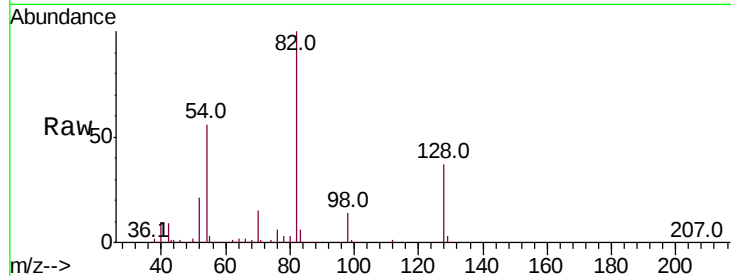
#23
Nitrobenzene-d5
Concen: 83.918 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.2	43.8
54	56.1	43.4	65.0

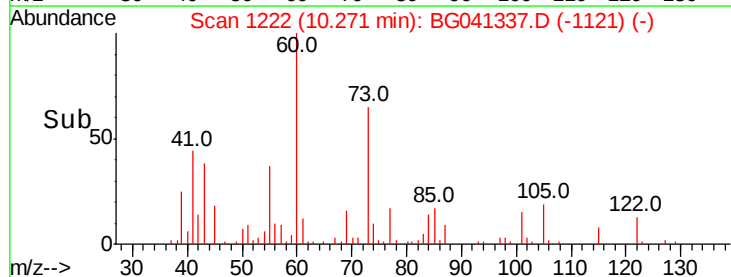
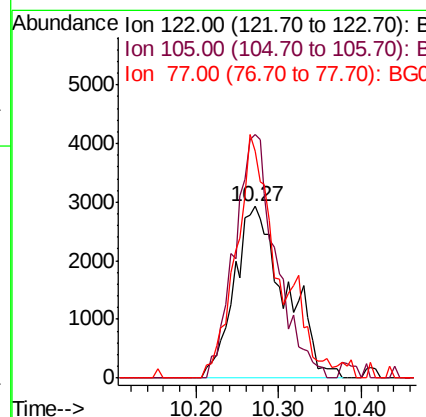
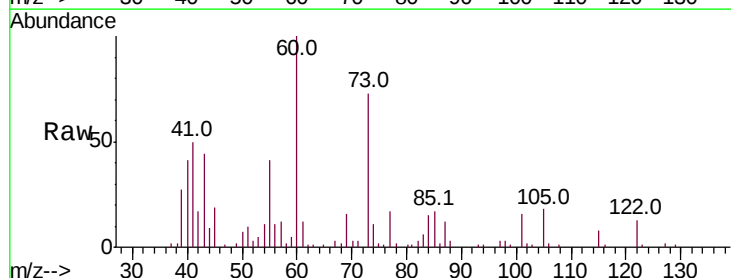
Manual Integrations
APPROVED

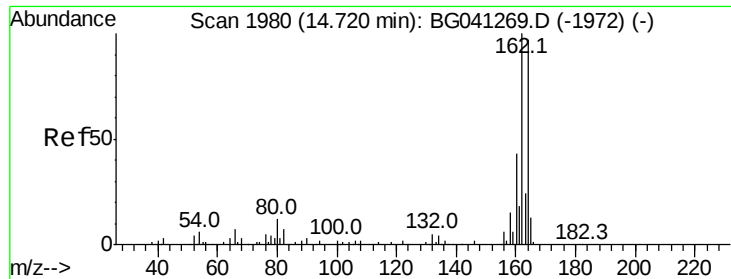
mohammad
6/21/2019 9:57:40 PM



#32
Benzoic acid
Concen: 8.204 ng m
RT: 10.27 min Scan# 1222
Delta R.T. 0.06 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.9	124.2	164.2
77	132.0	97.2	137.2





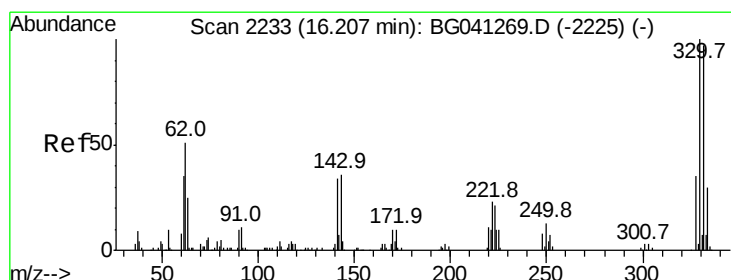
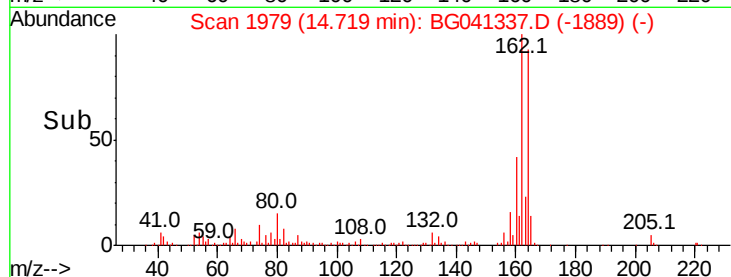
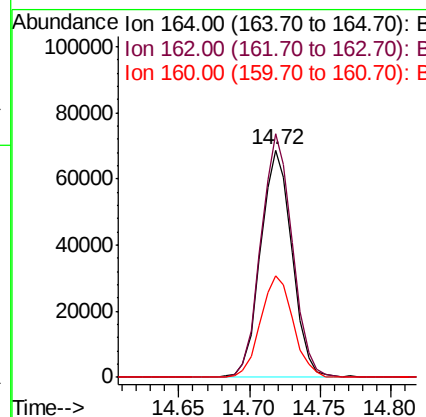
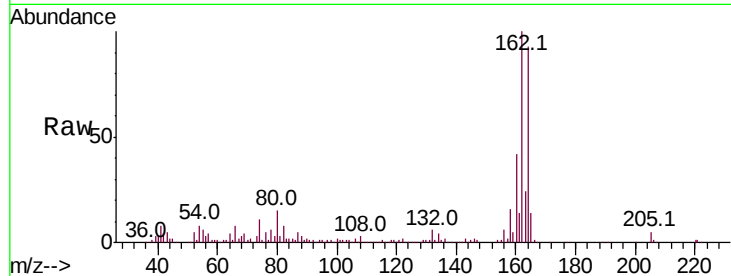
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.8	124.2
160	44.9	35.8	53.8

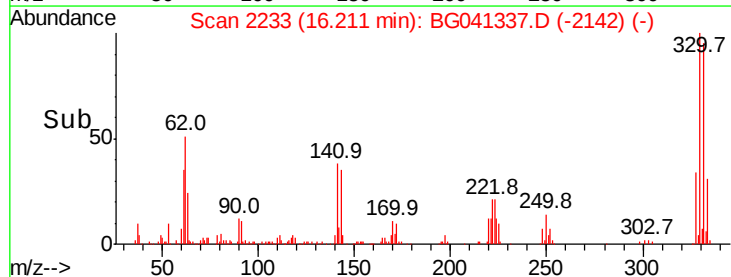
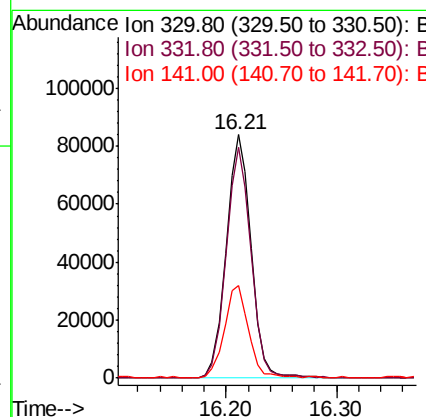
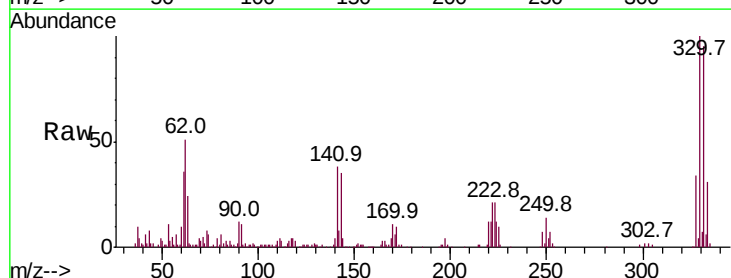
Manual Integrations
 APPROVED

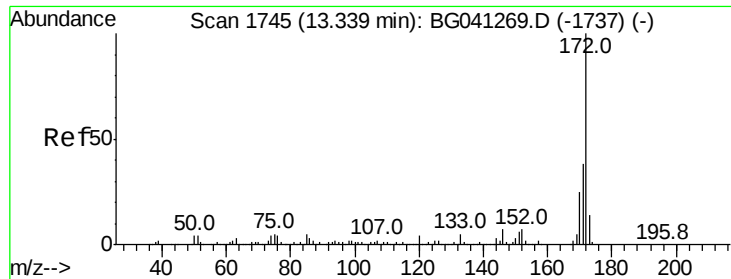
mohammad
 6/21/2019 9:57:40 PM



#42
 2,4,6-Tribromophenol
 Concen: 79.750 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	37.5	29.0	43.4





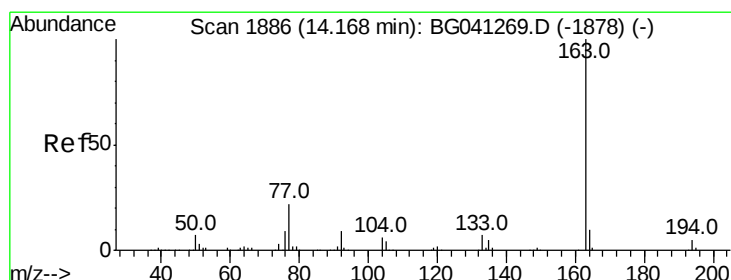
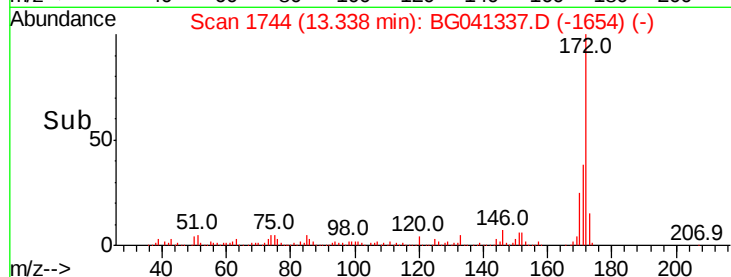
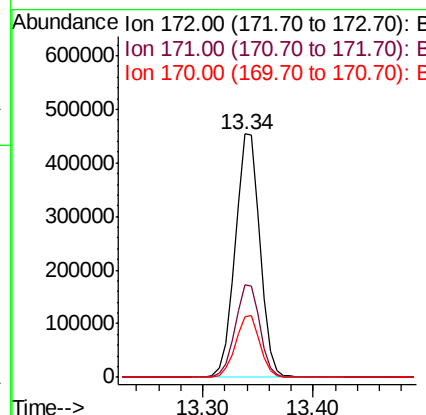
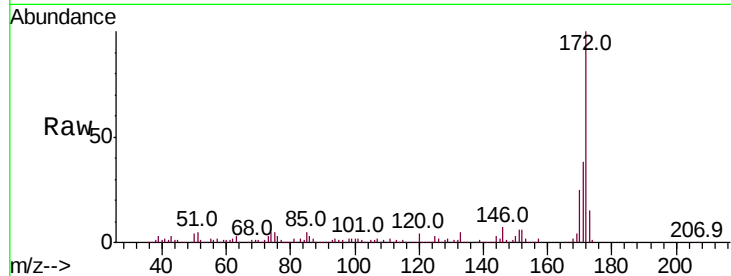
#45
2-Fluorobiphenyl
Concen: 89.980 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.8	29.6

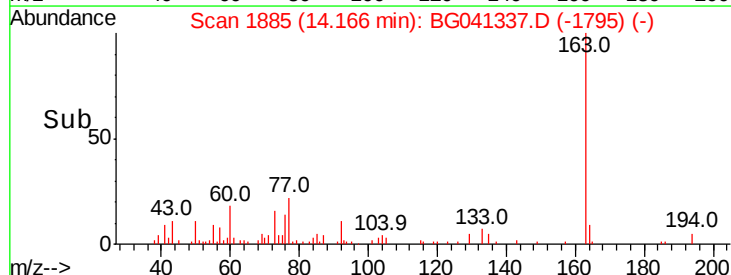
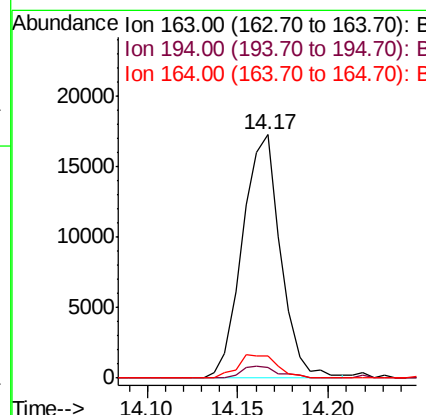
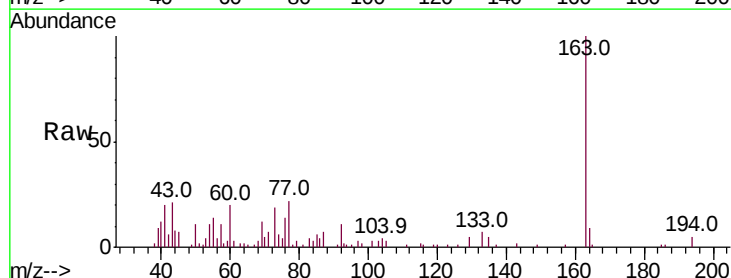
Manual Integrations
APPROVED

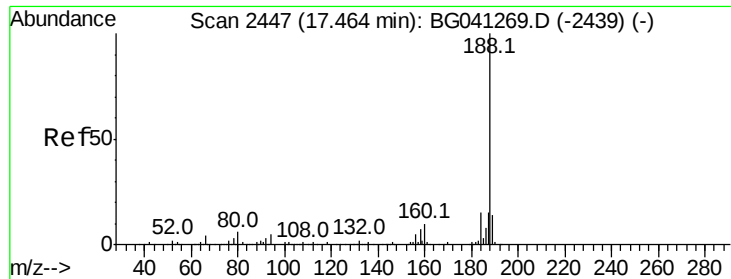
mohammad
6/21/2019 9:57:40 PM



#50
Dimethylphthalate
Concen: 2.632 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.0	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

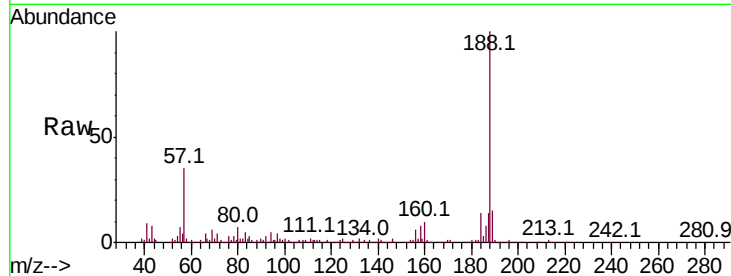
ClientSampleId :

EFF-WASTE-WATER

Tot Ion:	188	Resp:	256290
Ion Ratio	Lower	Upper	
188	100		
94	5.4	3.6	5.4#
80	6.7	4.8	7.2

Manual Integrations
APPROVED

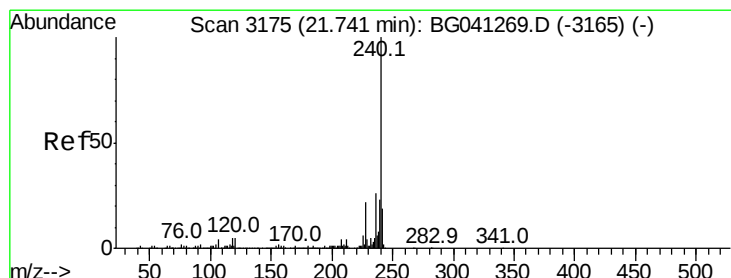
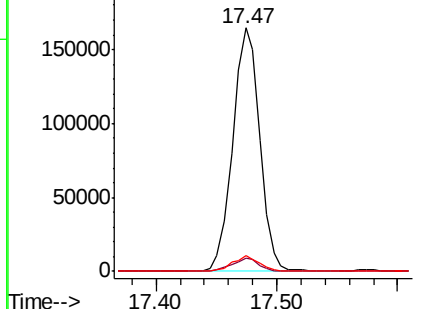
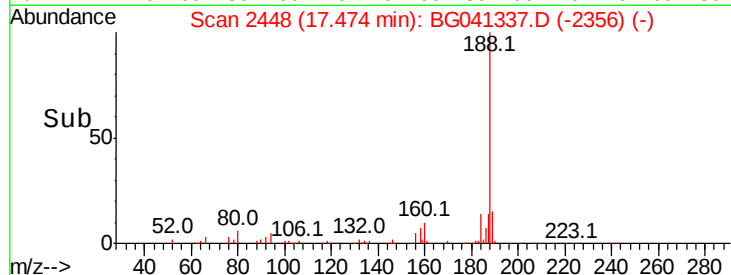
mohammad
6/21/2019 9:57:40 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

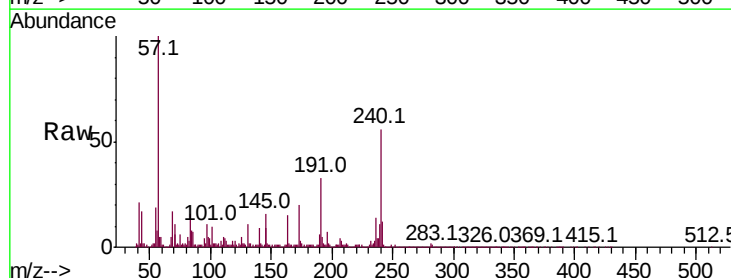
RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

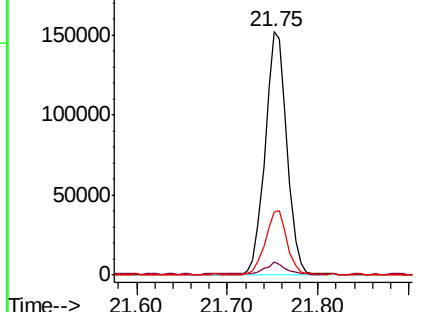
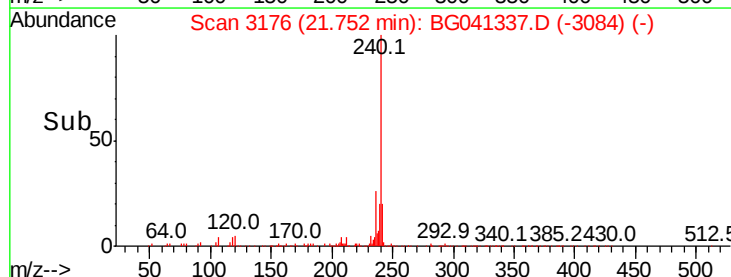
Tgt Ion:	240	Resp:	256110
Ion Ratio	Lower	Upper	
240	100		
120	5.5	3.7	5.5
236	25.9	21.1	31.7

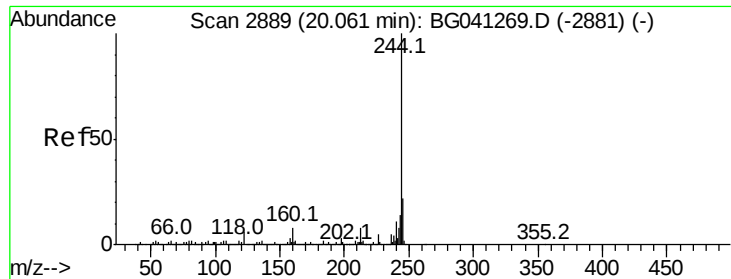


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.919 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

EFF-WASTE-WATER

Tot Ion:244 Resp: 1006964

Ion Ratio Lower Upper

244 100

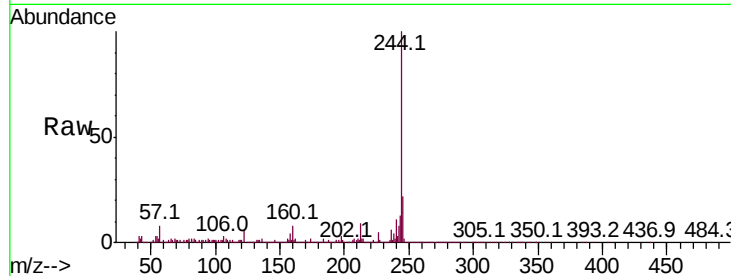
212 8.9 6.6 10.0

122 6.4 5.0 7.4

Manual Integrations
APPROVED

mohammad

6/21/2019 9:57:40 PM

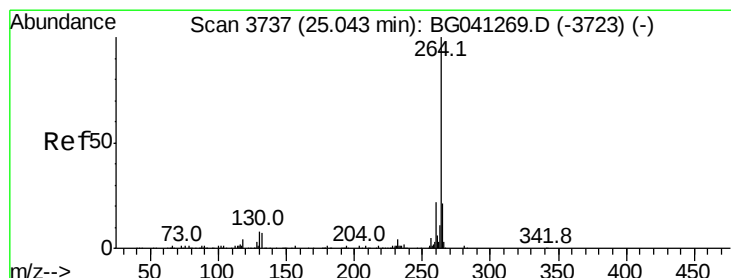
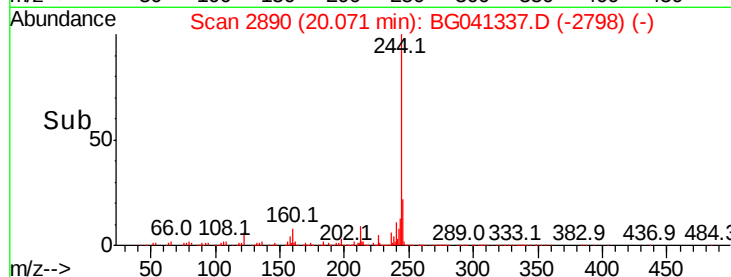
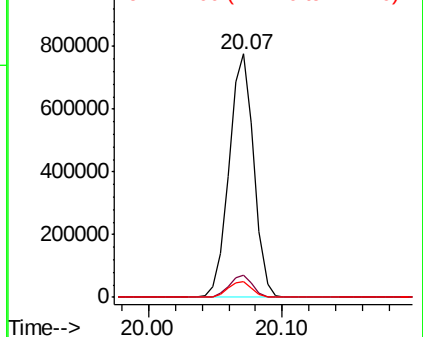


Abundance

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: 25.08 min Scan# 3742

Delta R.T. 0.03 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

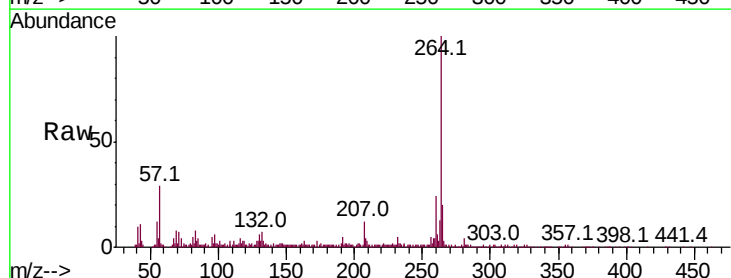
Tgt Ion:264 Resp: 242592

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.2

265 20.3 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

