

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041219.D
 Acq On : 12 Jun 2019 23:18
 Operator : HP/JU
 Sample : K3299-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:36:59 AM

Quant Time: Jun 13 08:11:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	39126	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	159492	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	117958	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	285944	20.00	ng	0.00
76) Chrysene-d12	21.75	240	286228	20.00	ng	0.00
87) Perylene-d12	25.09	264	305766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	80787	37.23	ng	0.00
7) Phenol-d6	7.25	99	71853	21.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	291231	81.06	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	143933	82.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	628160	76.69	ng	0.00
79) Terphenyl-d14	20.07	244	1040784	77.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	28564	9.215	ng	94
32) Benzoic acid	10.17	122	19064m	16.300	ng	
50) Dimethylphthalate	14.18	163	38454	3.851	ng	99
74) Di-n-butylphthalate	18.42	149	71328	4.553	ng	97

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

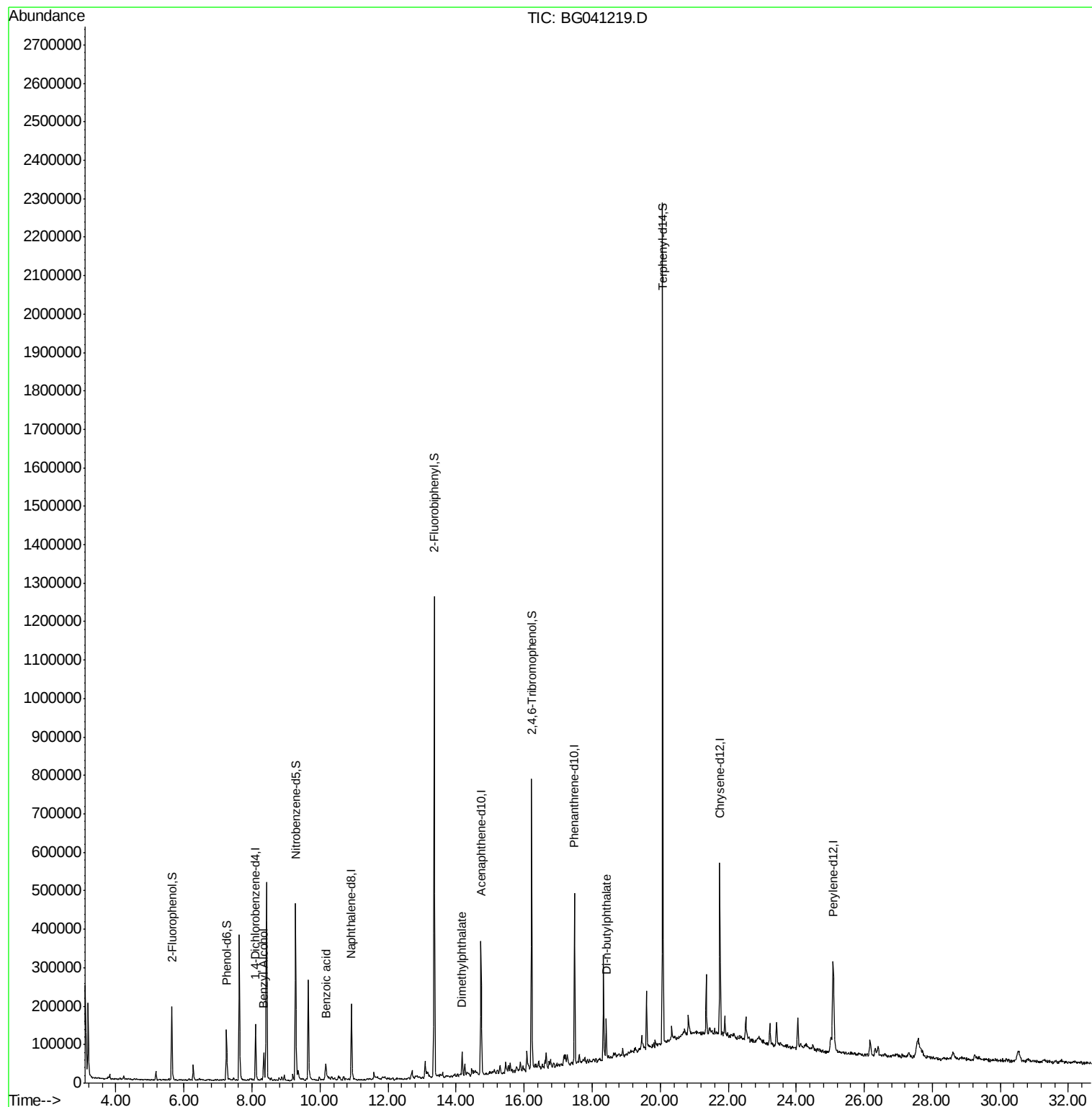
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041219.D
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ALS Vial : 11 Sample Multiplier: 1

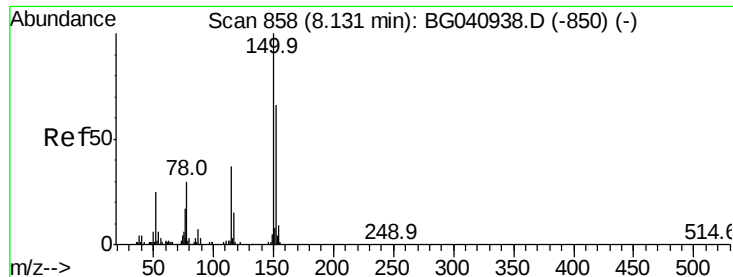
Instrument :
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TI-658

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#1

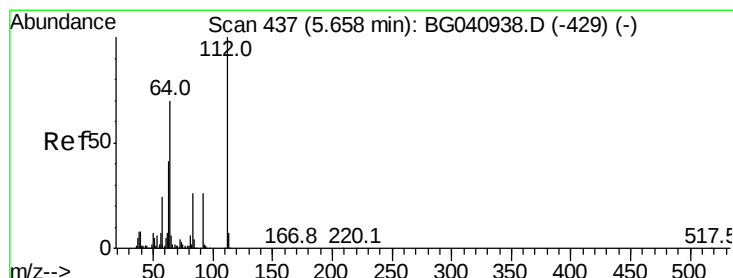
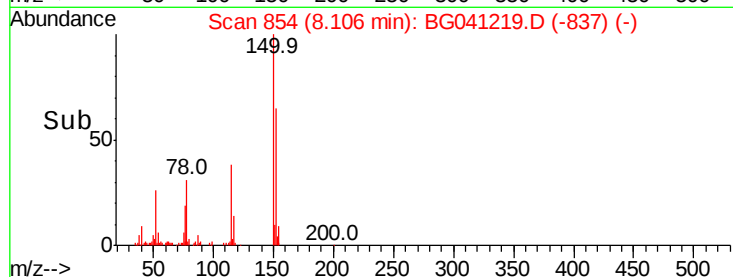
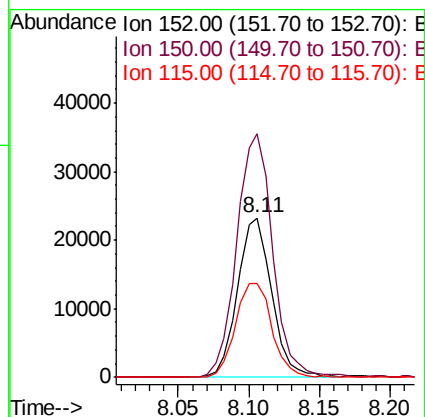
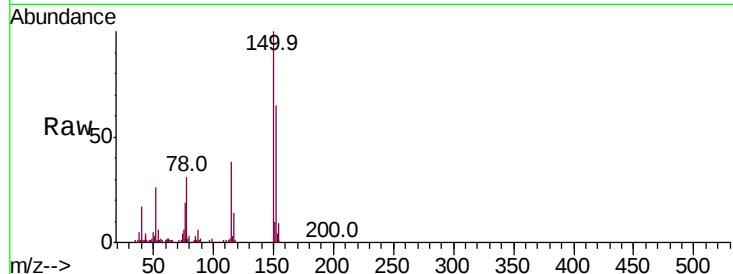
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Instrument :
BNA_G
ClientSampleId :
TI-658

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	180.8
115	58.8	45.1	67.7

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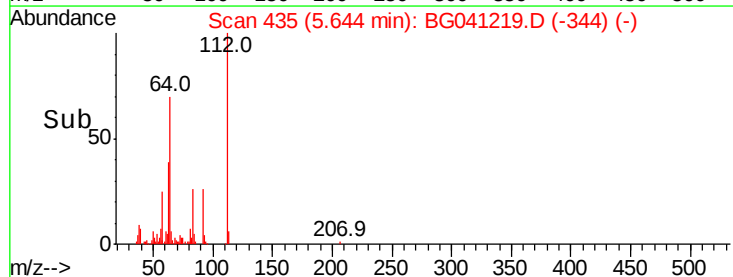
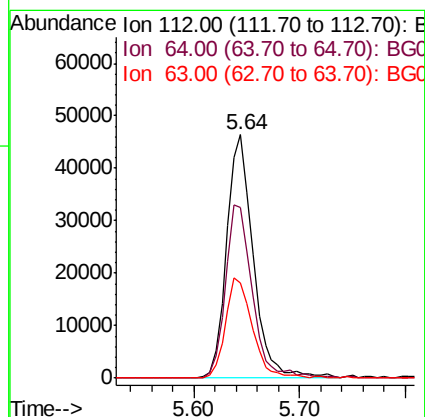
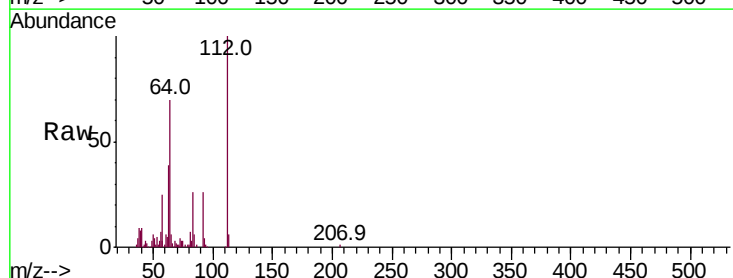
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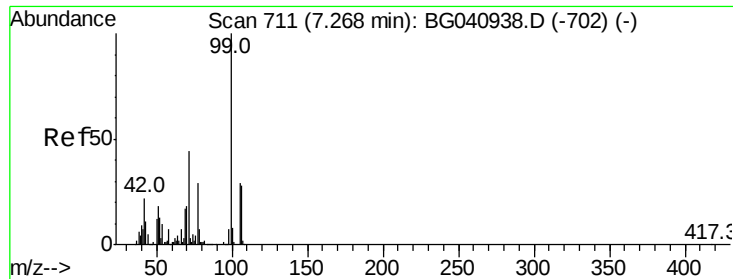


#5

2-Fluorophenol
Concen: 37.233 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	56.2	84.2
63	39.1	32.8	49.2





#7

Phenol-d6

Concen: 21.442 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

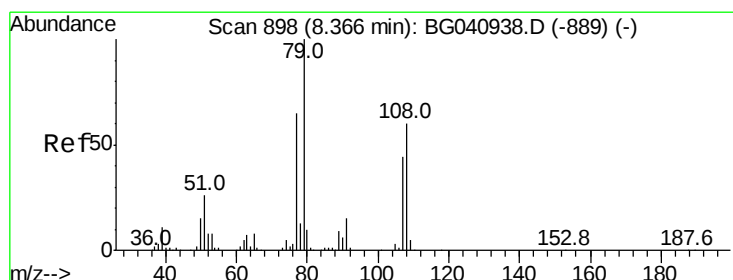
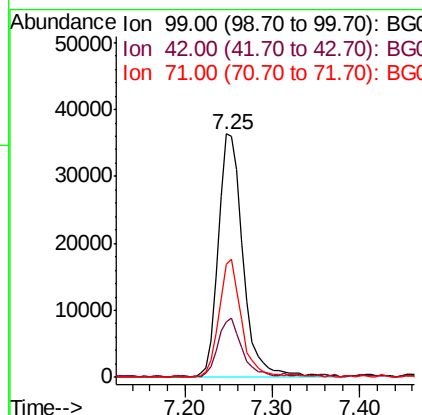
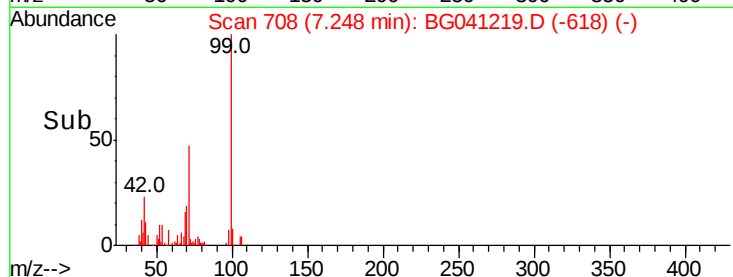
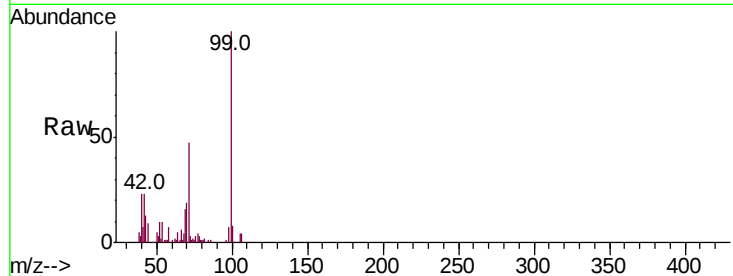
ClientSampled :

TI-658

Tot Ion:	99	Resp:	71853
Ion Ratio	Lower	Upper	
99	100		
42	22.9	17.9	26.9
71	46.7	35.4	53.0

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#15

Benzyl Alcohol

Concen: 9.215 ng

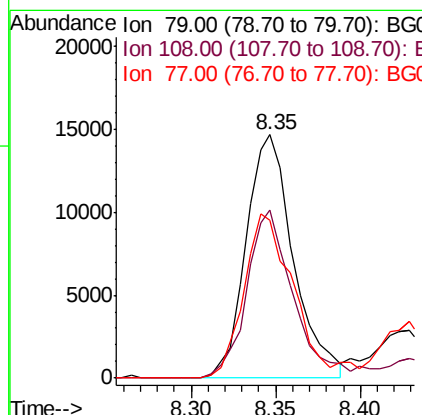
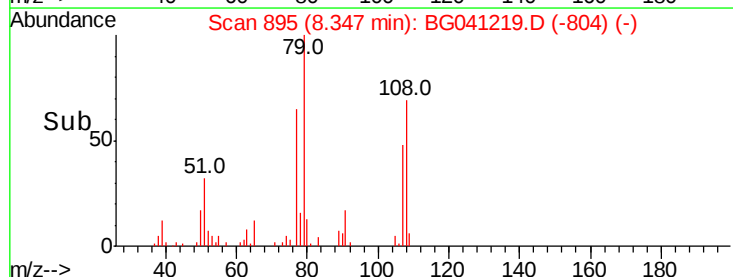
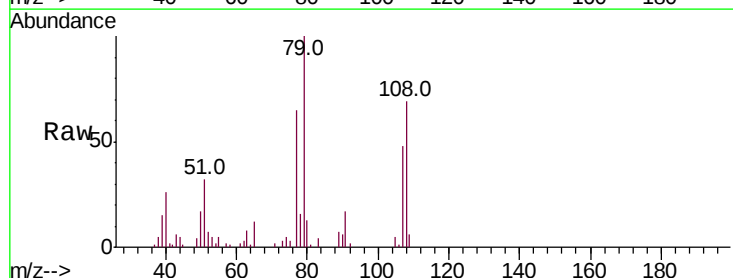
RT: 8.35 min Scan# 895

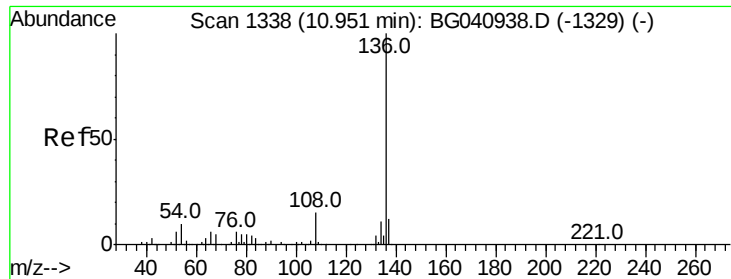
Delta R.T. 0.01 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Tgt Ion:	79	Resp:	28564
Ion Ratio	Lower	Upper	
79	100		
108	69.0	48.3	72.5
77	65.0	52.3	78.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

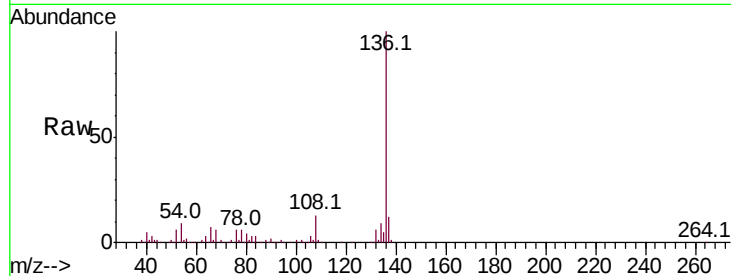
ClientSampled :

TI-658

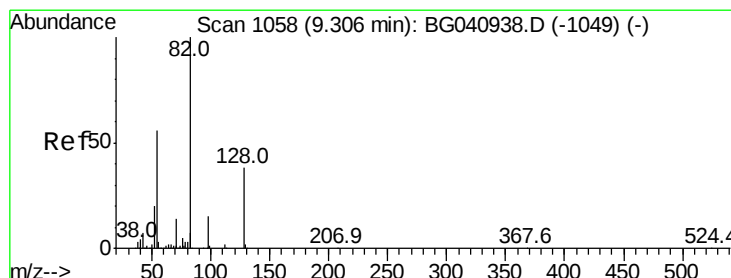
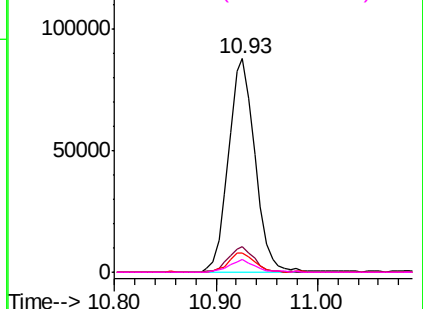
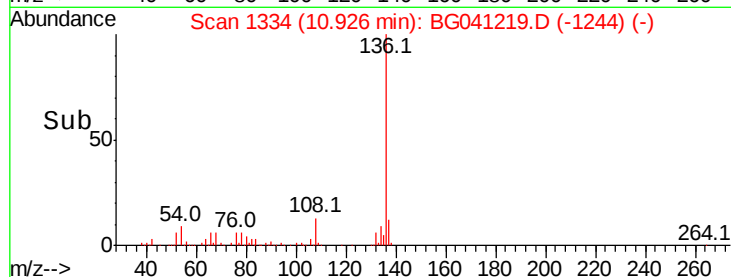
Tot Ion	Ratio	Resp	Lower	Upper
136	100	159492		
137	11.9		9.5	14.3
54	9.1		7.6	11.4
68	5.7		3.9	5.9

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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: 81.062 ng

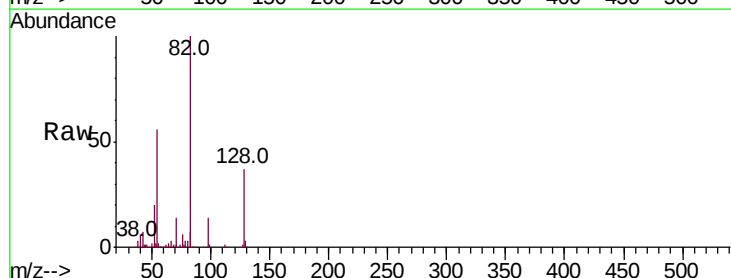
RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

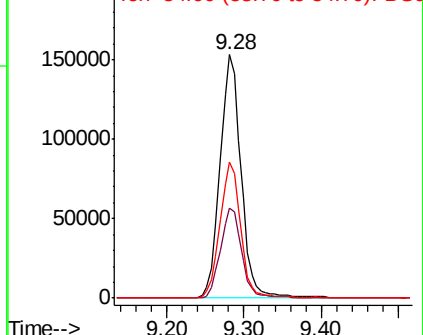
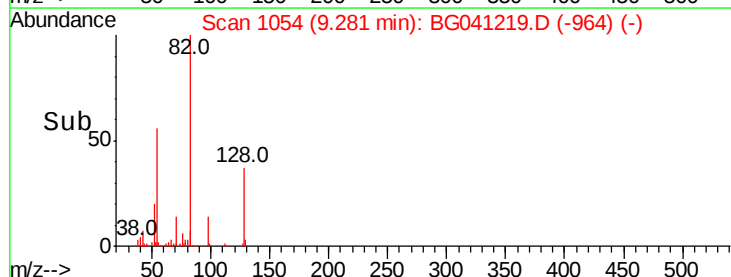
Lab File: BG041219.D

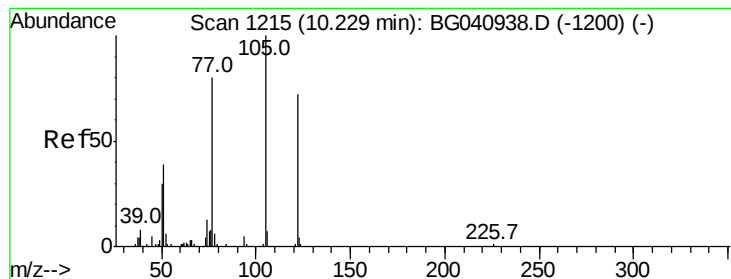
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	291231		
128	37.1		30.5	45.7
54	56.1		44.6	66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 16.300 ng/mL

RT: 10.17 min Scan# 1206

Delta R.T. -0.05 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

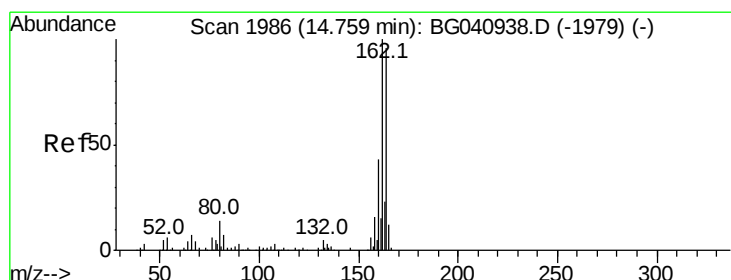
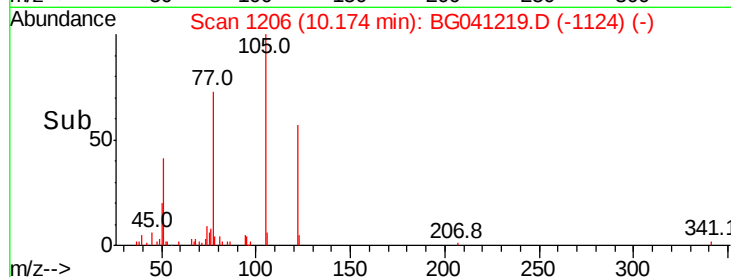
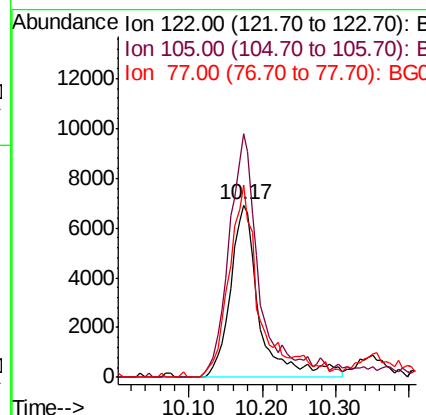
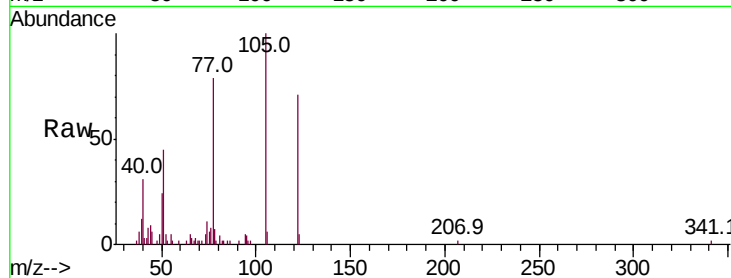
ClientSampleId :

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Tot Ion:	122	Resp:	19064
Ion Ratio	Lower	Upper	
122	100		
105	141.4	114.8	154.8
77	111.7	89.9	129.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

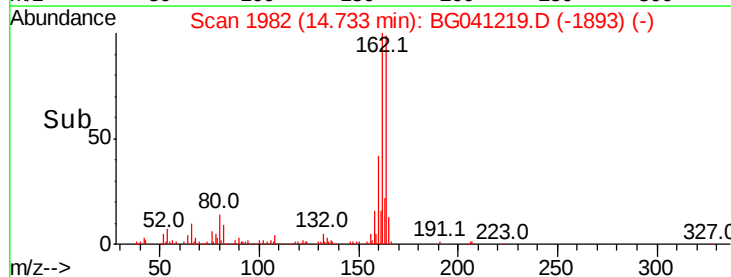
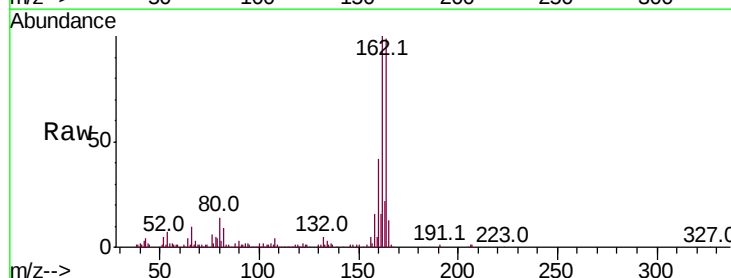
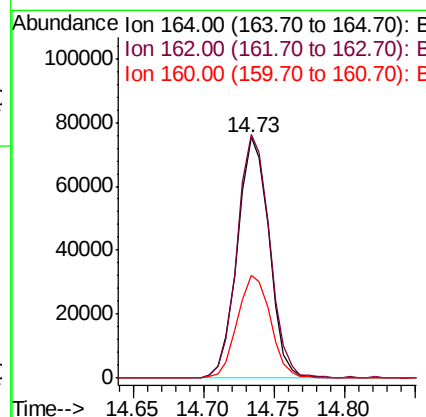
RT: 14.73 min Scan# 1982

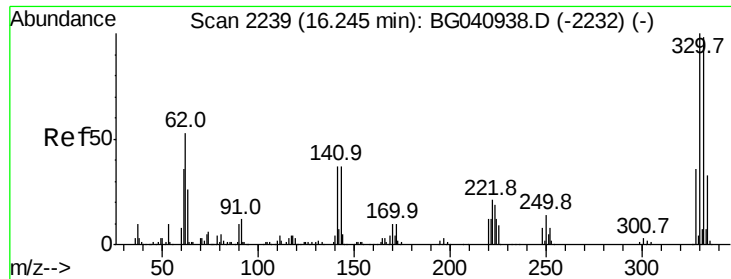
Delta R.T. -0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Tgt Ion:	164	Resp:	117958
Ion Ratio	Lower	Upper	
164	100		
162	101.2	83.0	124.4
160	42.6	35.6	53.4





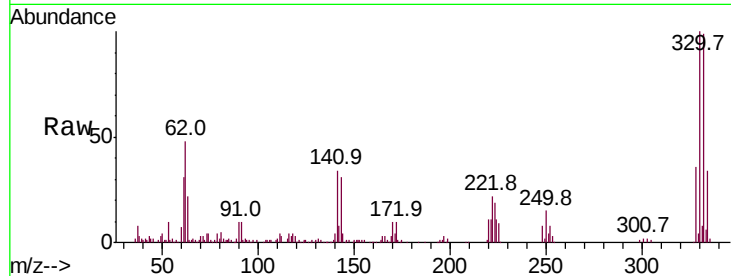
#42
 2,4,6-Tribromophenol
 Concen: 82.193 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Instrument :
 BNA_G
 ClientSampleId :
 TI-658

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143933		
332	96.0		78.5	117.7
141	36.9		28.7	43.1

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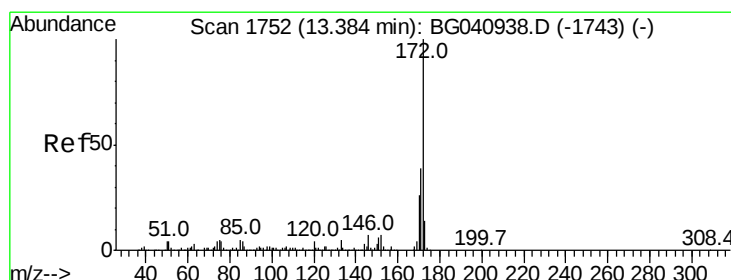
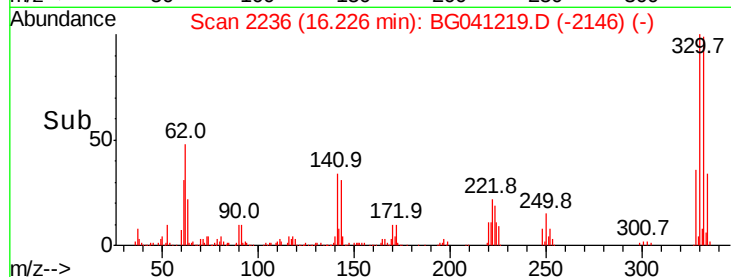
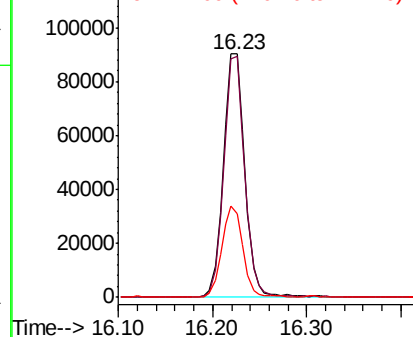


Abundance

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: 76.690 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

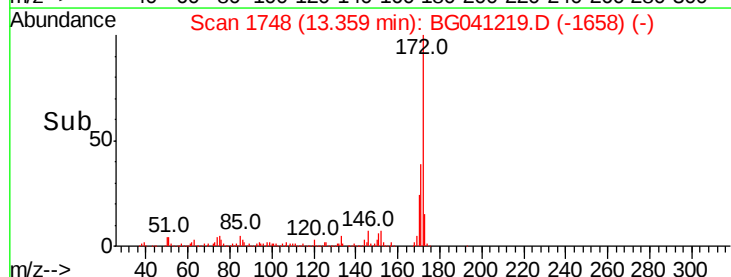
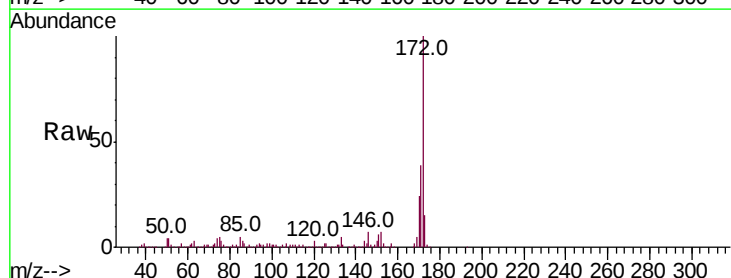
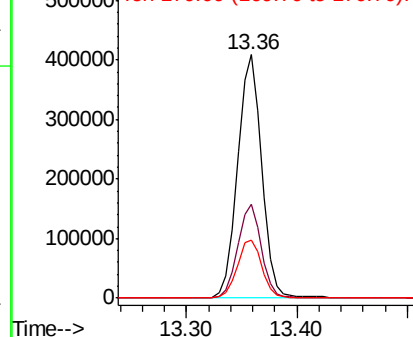
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628160		
171	38.5		31.1	46.7
170	23.9		20.5	30.7

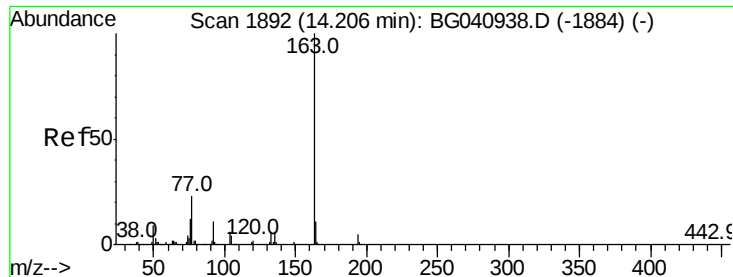
Abundance

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: 3.851 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

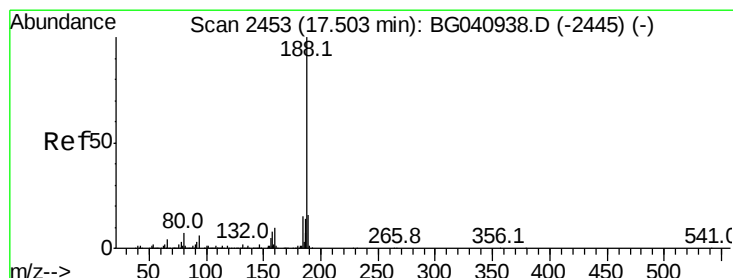
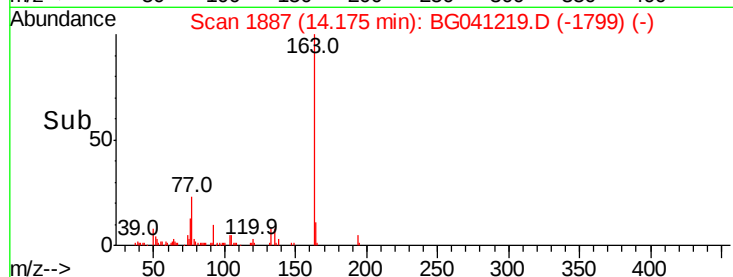
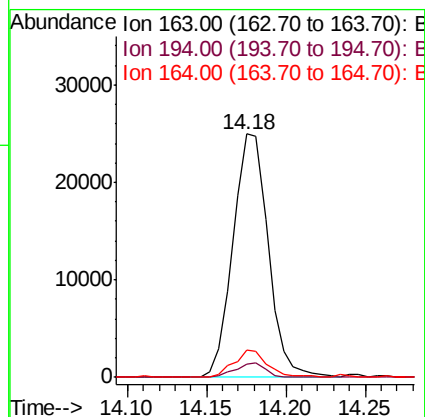
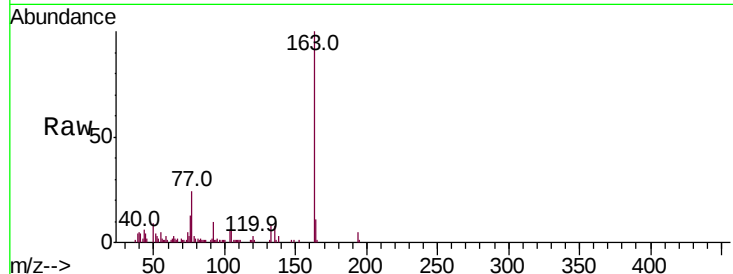
ClientSampleId :

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Tot Ion:	163	Resp:	38454
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.8	5.8
164	11.1	8.7	13.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

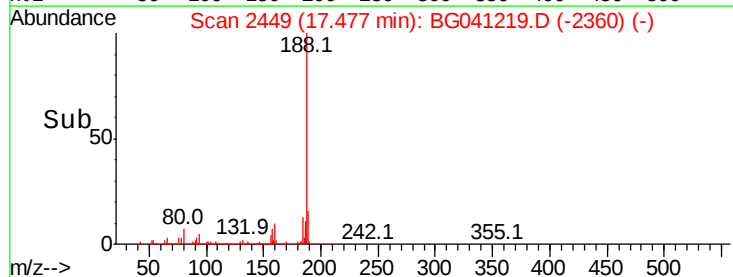
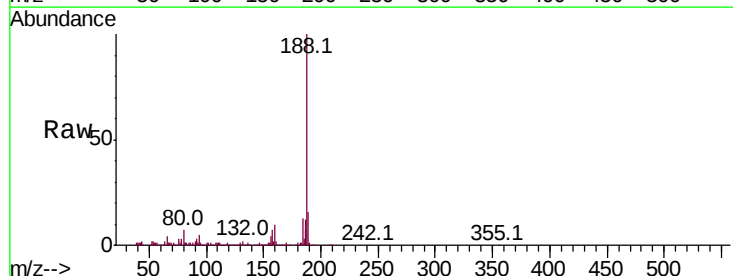
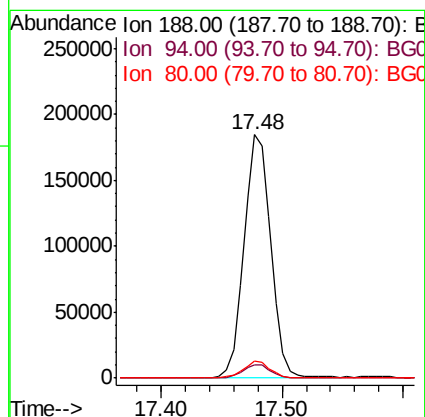
RT: 17.48 min Scan# 2449

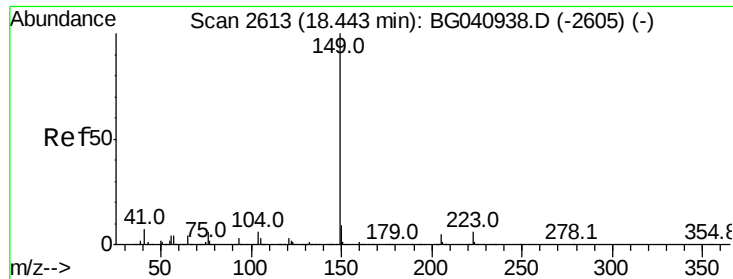
Delta R.T. -0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Tgt Ion:	188	Resp:	285944
Ion Ratio	Lower	Upper	
188	100		
94	5.3	4.7	7.1
80	7.0	5.8	8.8





#74

Di-n-butylphthalate

Concen: 4.553 ng

RT: 18.42 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

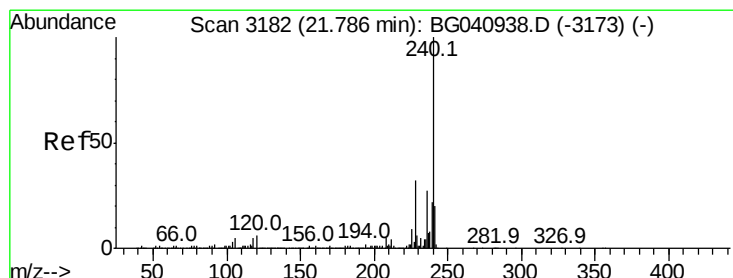
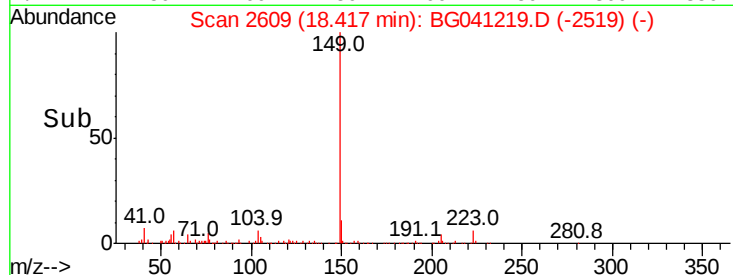
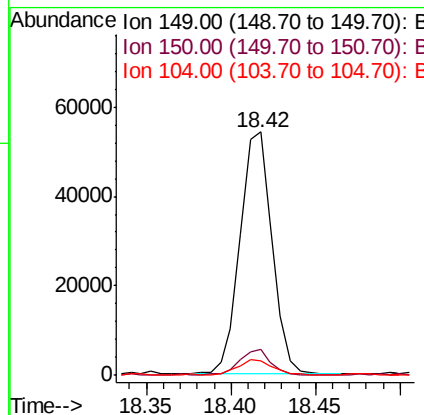
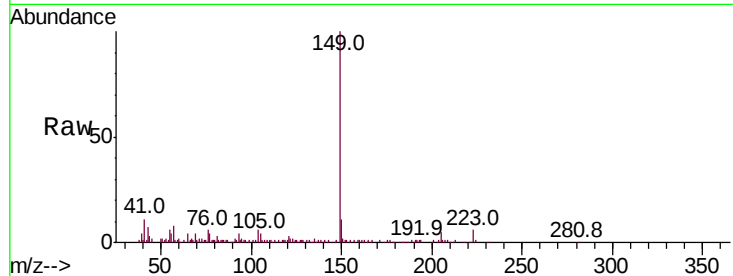
ClientSampleId :

TI-658

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.4	11.2
104	6.0	5.0	7.4

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#76

Chrysene-d12

Concen: 20.000 ng

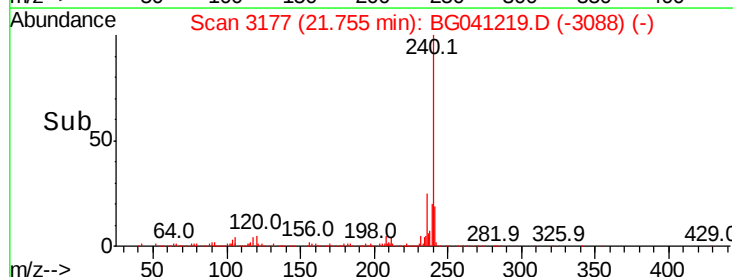
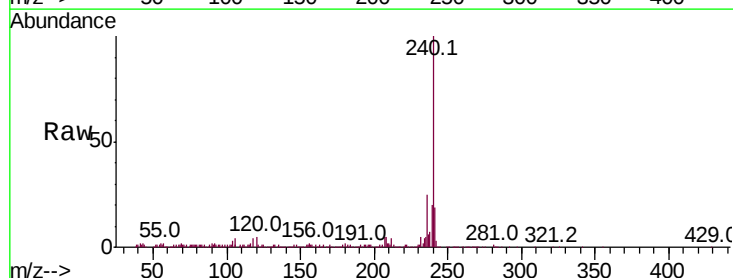
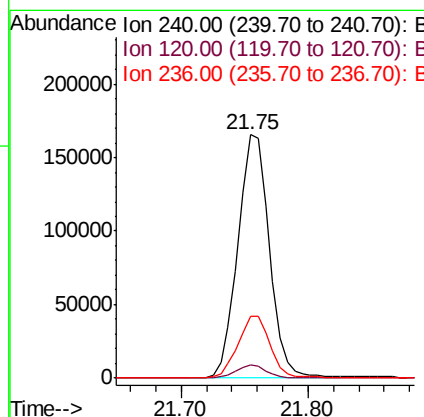
RT: 21.75 min Scan# 3177

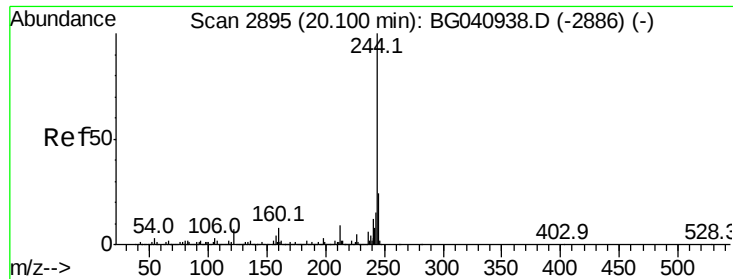
Delta R.T. -0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.5	6.7
236	25.4	21.3	31.9





#79

Terphenyl-d14

Concen: 77.173 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

ClientSampled :

TI-658

Tot Ion:244 Resp: 1040784

Ion Ratio Lower Upper

244 100

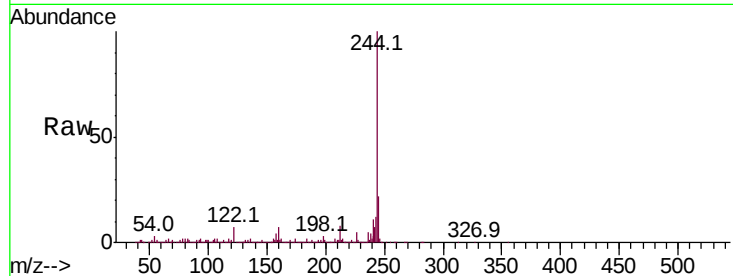
212 8.3 7.0 10.4

122 6.5 5.4 8.0

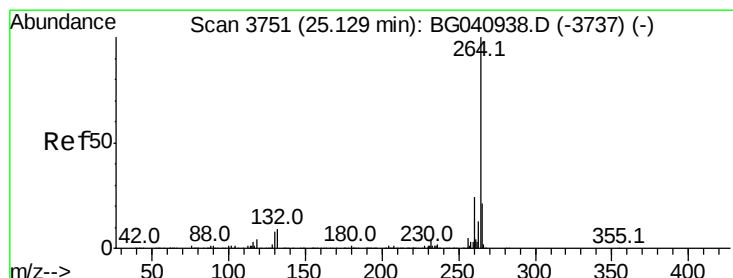
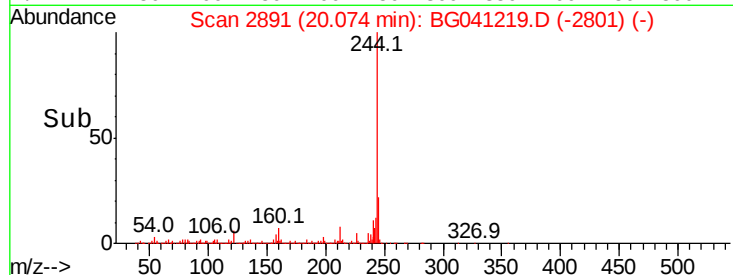
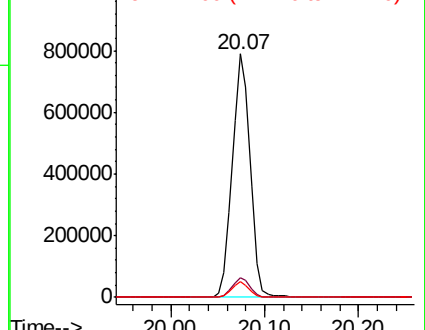
Manual Integrations
APPROVED

mohammad

6/14/2019 8:36:59 AM



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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

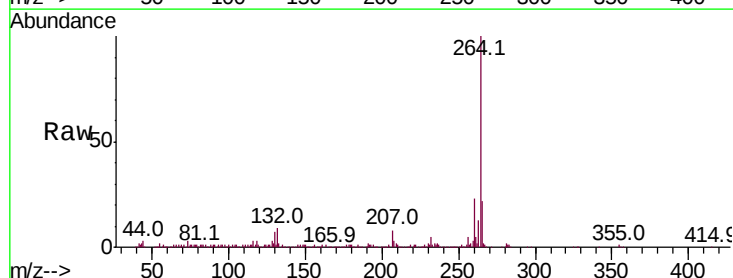
Tgt Ion:264 Resp: 305766

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.9 17.0 25.4



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

