

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038512.D
 Acq On : 13 Dec 2018 00:02
 Operator : JU/SJ
 Sample : J6157-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Manual Integrations
 APPROVED

Sohil
 12/13/2018 3:07:04 PM

Quant Time: Dec 13 06:36:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27309	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106767	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62436	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190030	20.00	ng	0.00
76) Chrysene-d12	21.72	240	195557	20.00	ng	0.00
87) Perylene-d12	25.01	264	93941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	48595	31.56	ng	0.00
7) Phenol-d6	7.21	99	38279	18.11	ng	0.00
23) Nitrobenzene-d5	9.24	82	143437	68.63	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	70508	81.94	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	339618	74.62	ng	0.00
79) Terphenyl-d14	20.04	244	620635	69.07	ng	0.00
Target Compounds						
10) Phenol	7.24	94	27444	12.221	ng	95
32) Benzoic acid	10.16	122	9555m	17.810	ng	
50) Dimethylphthalate	14.14	163	71868	14.095	ng	97
60) Diethylphthalate	15.49	149	26573	4.747	ng	98

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

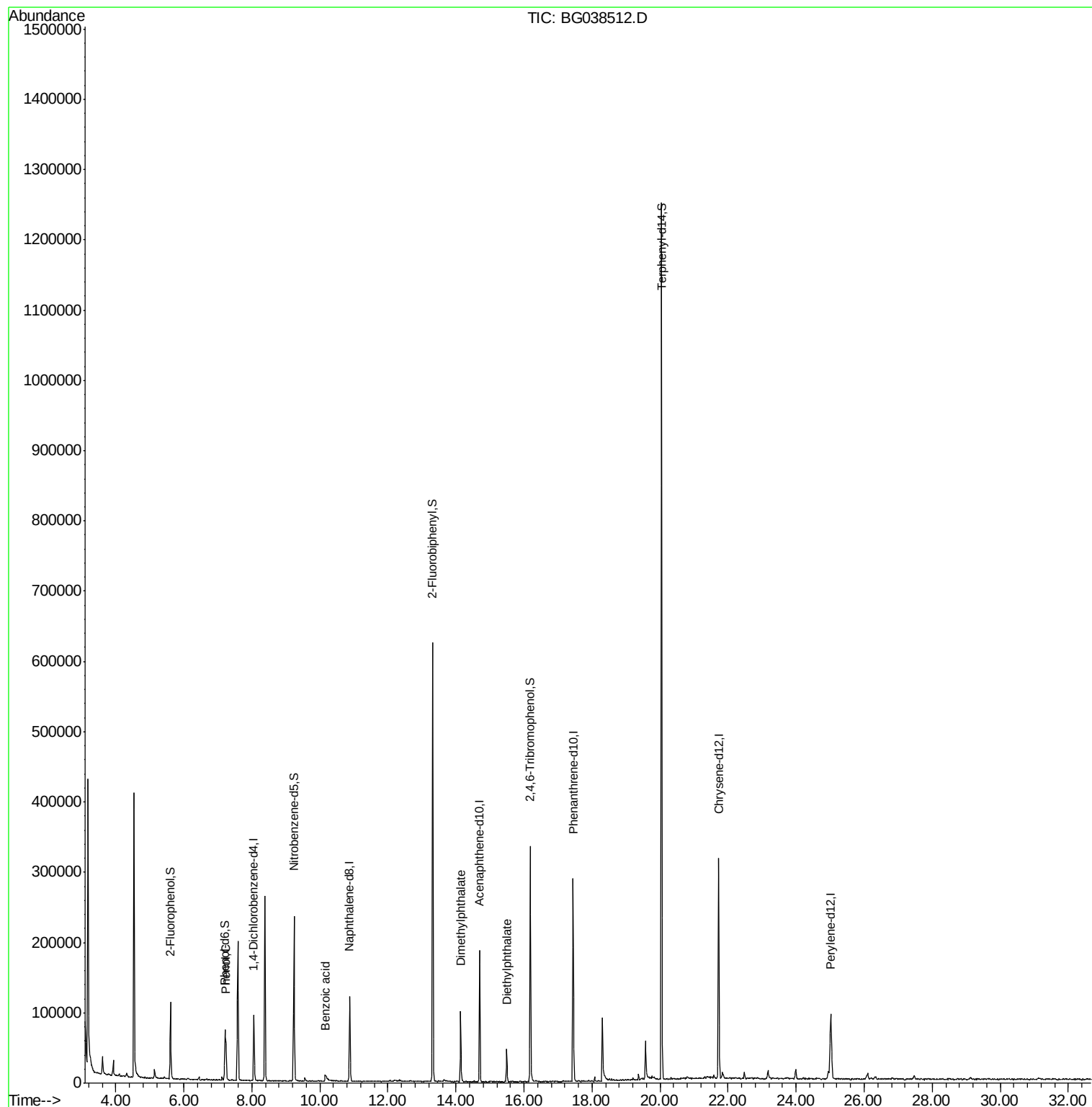
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038512.D
Acq On : 13 Dec 2018 00:02
Operator : JU/SJ
Sample : J6157-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

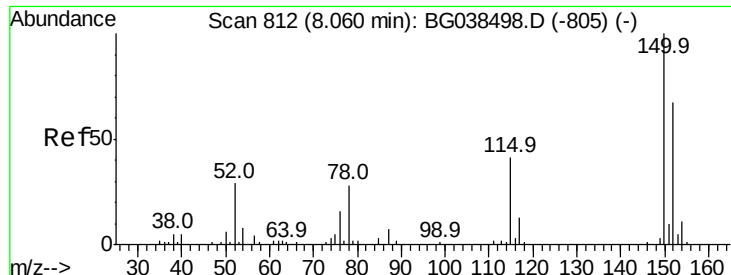
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

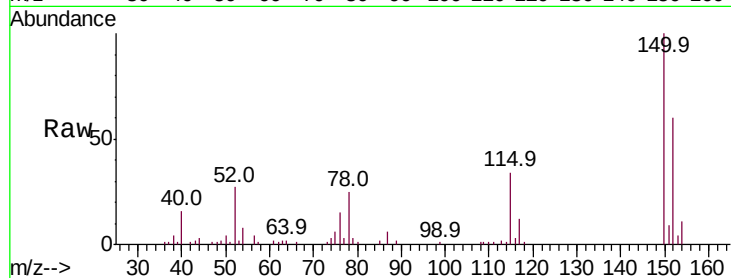
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.7	119.5	179.3
115	56.4	49.6	74.4

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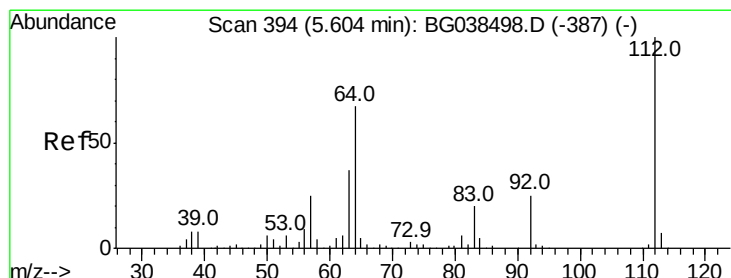
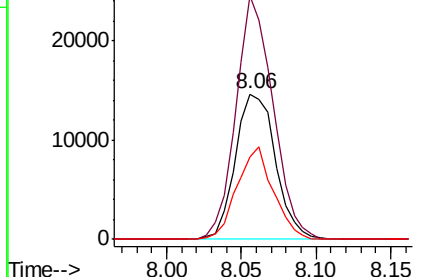
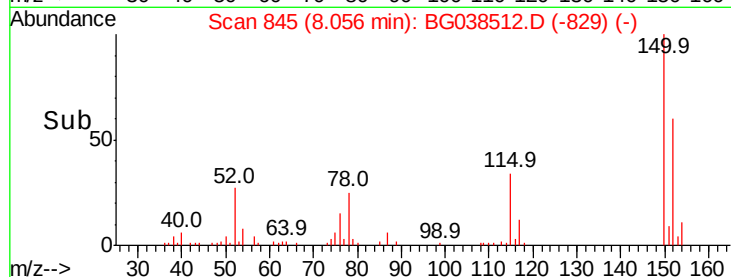


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

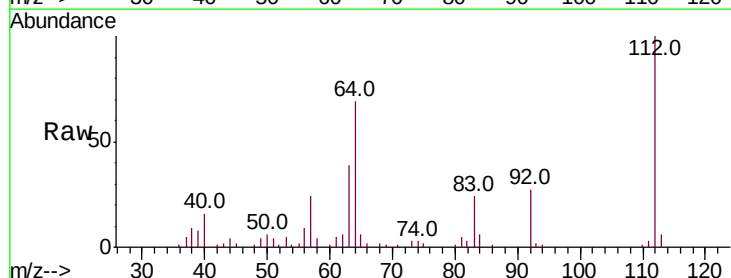
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 31.561 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	53.4	80.2
63	38.7	29.3	43.9

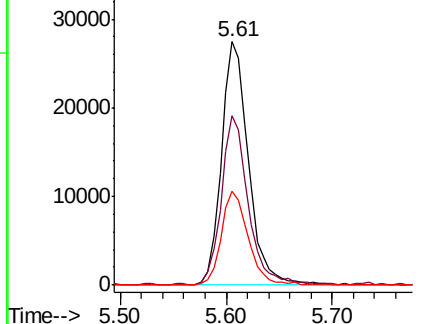
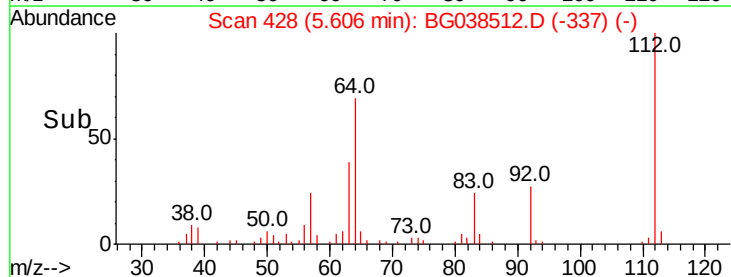


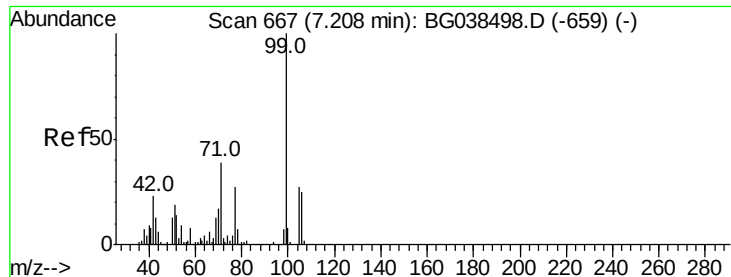
Abundance

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: 18.110 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

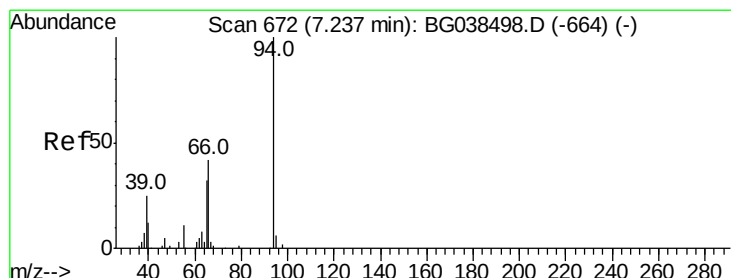
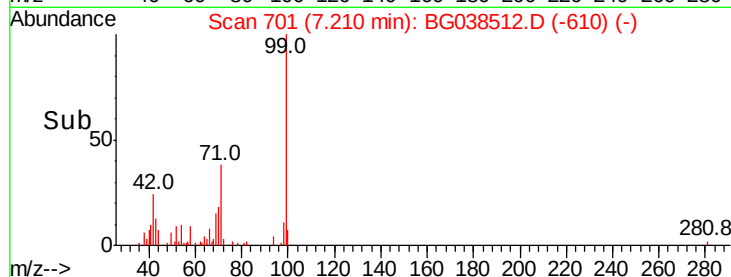
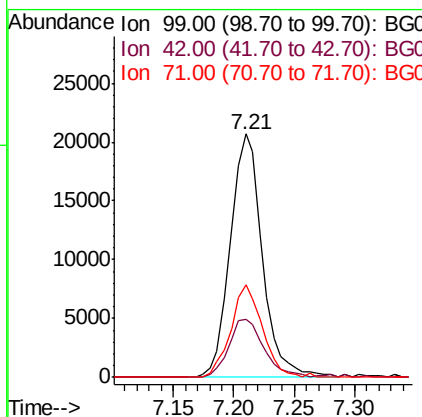
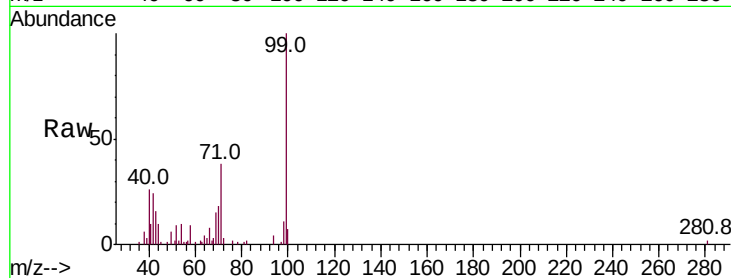
ClientSampleId :

COMPOSITE-6-DISSOLVED

Tot Ion:	99	Resp:	38279
Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	37.9	31.1	46.7

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#10

Phenol

Concen: 12.221 ng

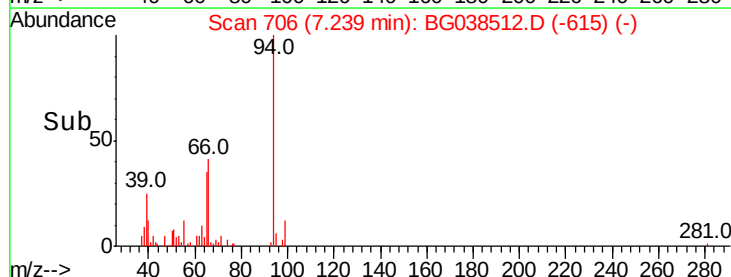
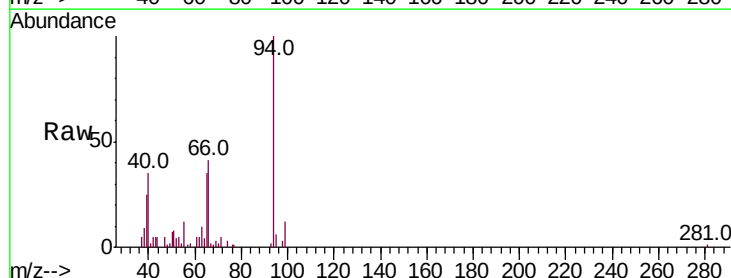
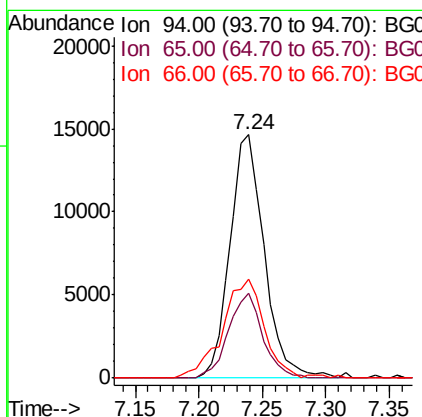
RT: 7.24 min Scan# 706

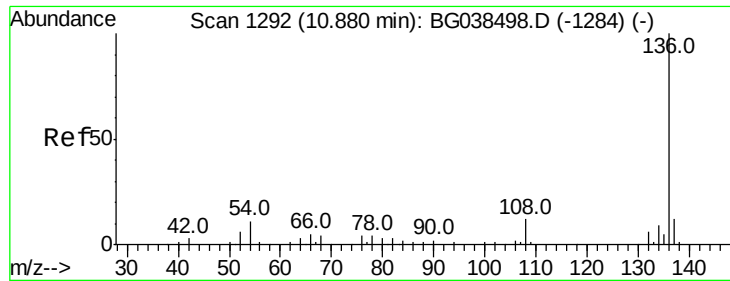
Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Tgt Ion:	94	Resp:	27444
Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	40.8	24.1	64.1





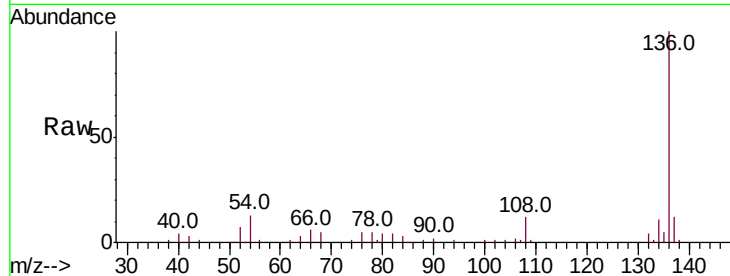
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

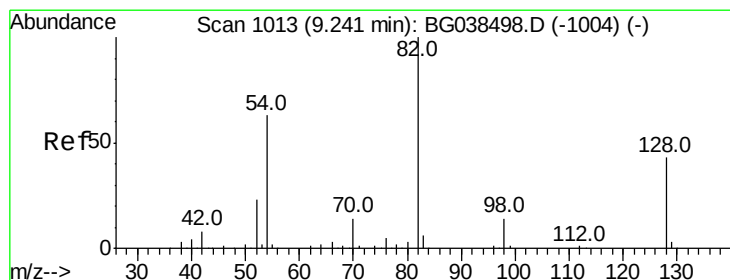
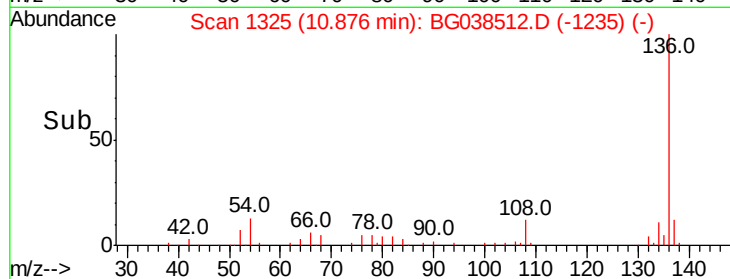
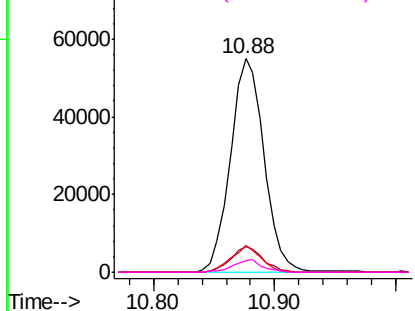
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.0	9.3	13.9
54	12.6	8.5	12.7
68	5.2	3.5	5.3

Manual Integrations
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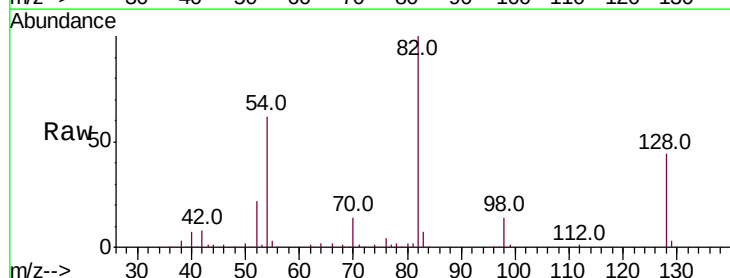


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

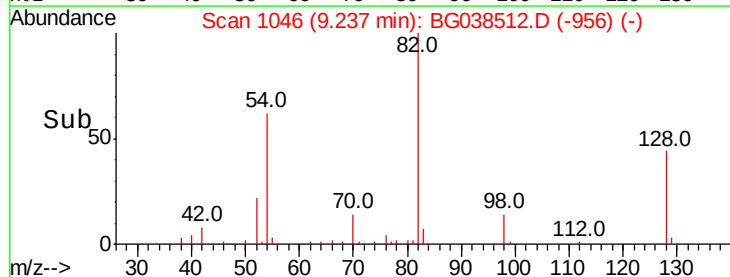
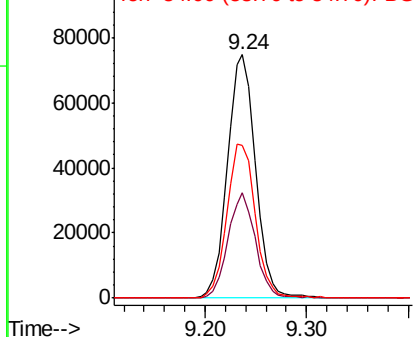


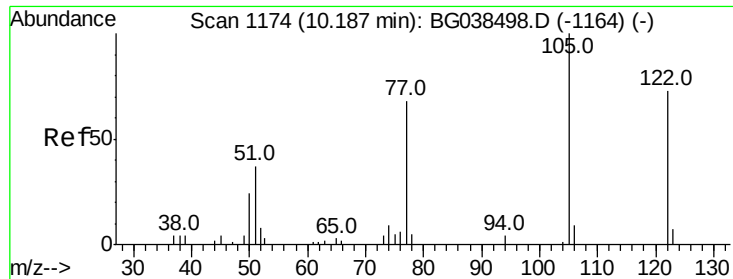
#23
Nitrobenzene-d5
Concen: 68.633 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.5	34.6	52.0
54	62.5	50.6	76.0



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





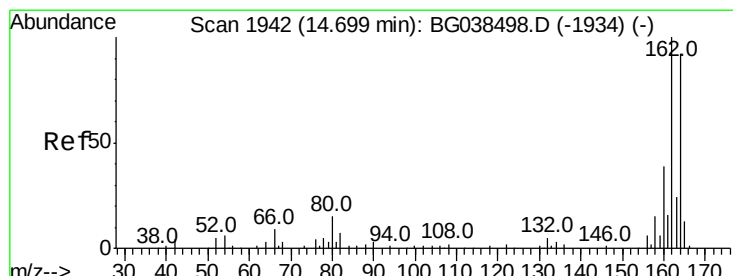
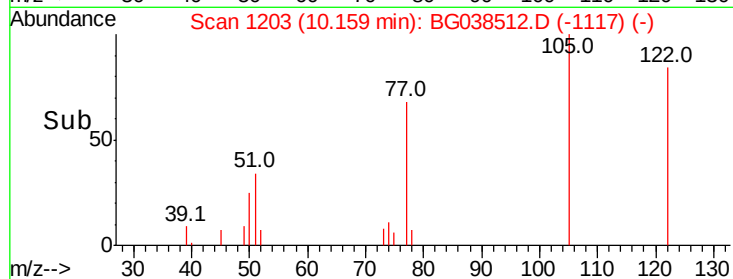
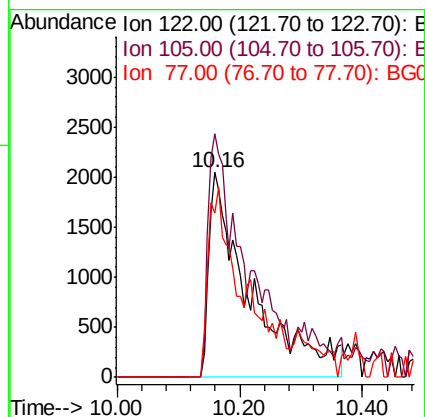
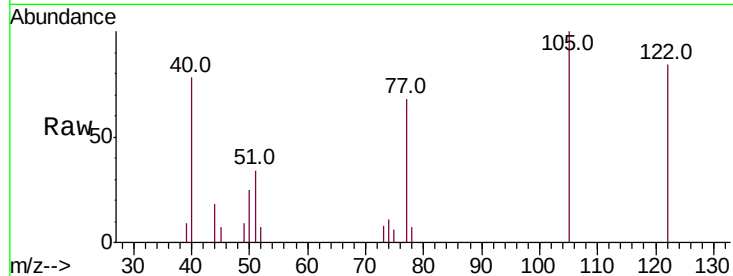
#32
Benzoic acid
Concen: 17.810 ng/ml
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.7	116.7	156.7
77	80.2	72.5	112.5

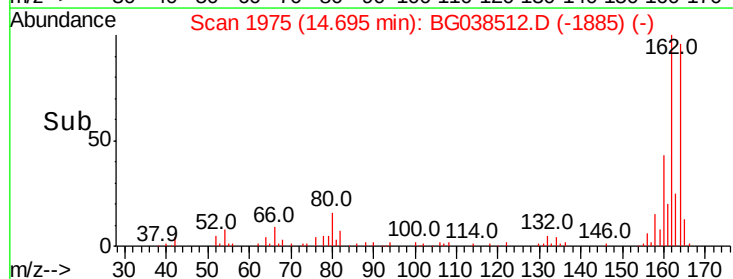
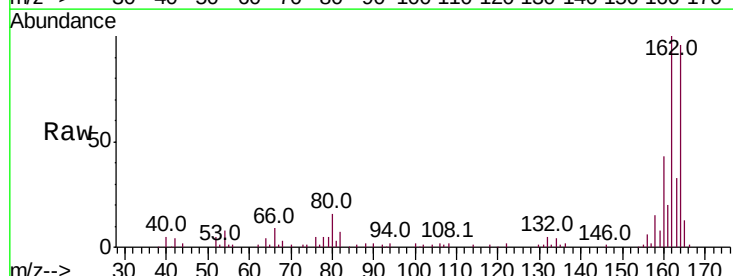
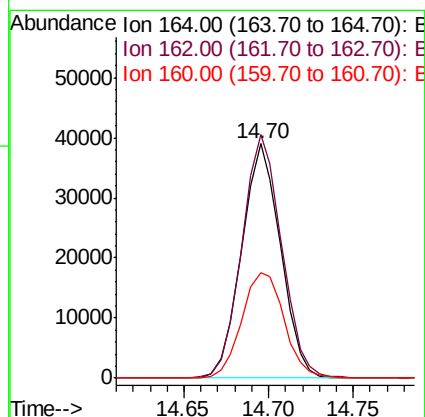
Manual Integrations
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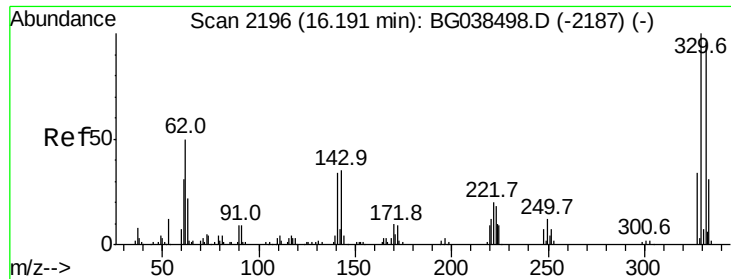
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.6	130.0
160	45.1	34.2	51.2





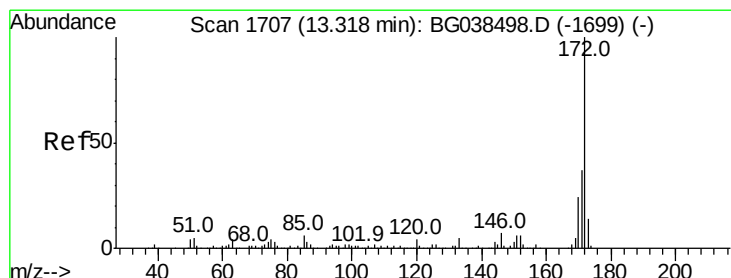
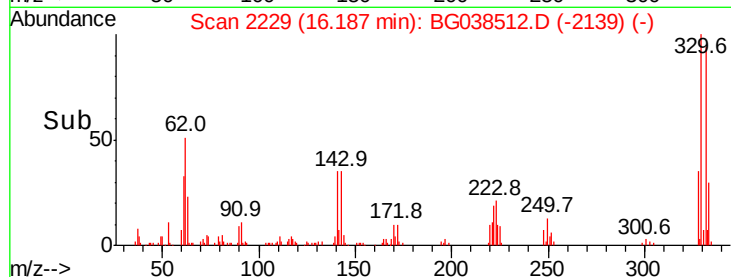
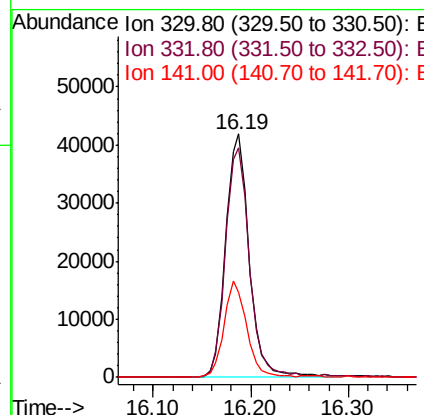
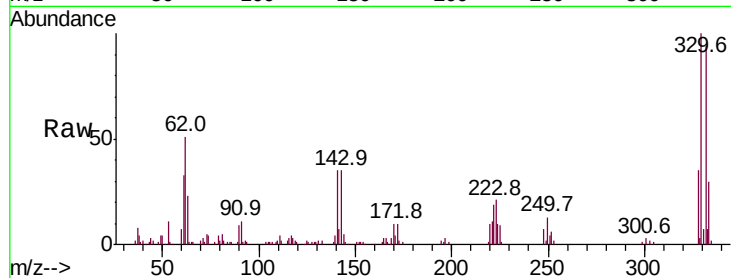
#42
 2,4,6-Tribromophenol
 Concen: 81.940 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	37.8	28.8	43.2

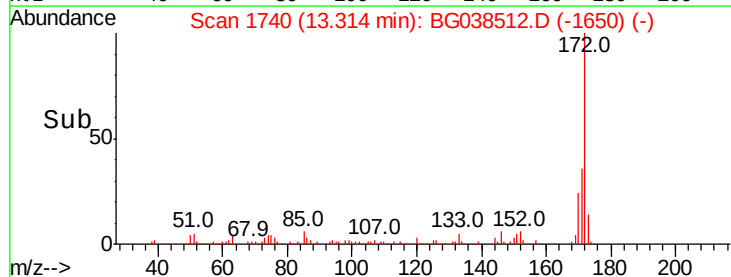
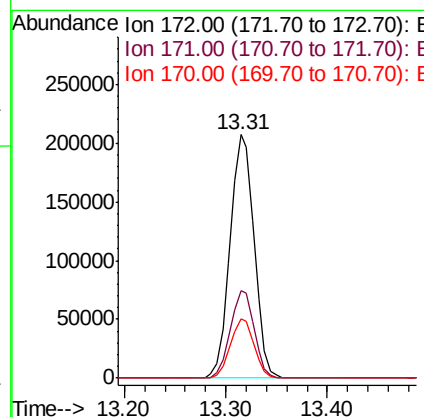
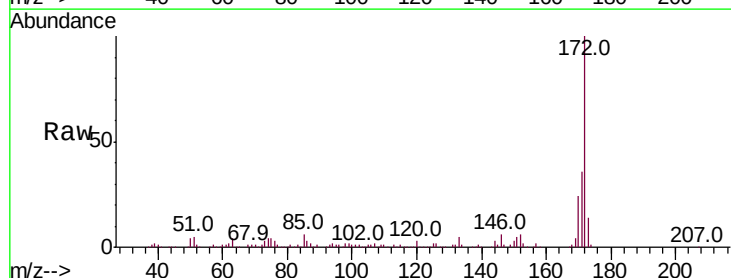
Manual Integrations
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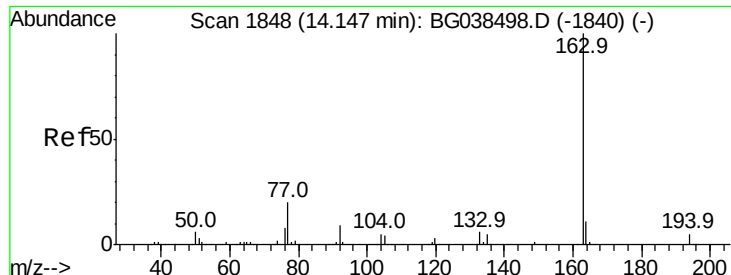
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#45
 2-Fluorobiphenyl
 Concen: 74.621 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.2	19.5	29.3





#50

Dimethylphthalate

Concen: 14.095 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

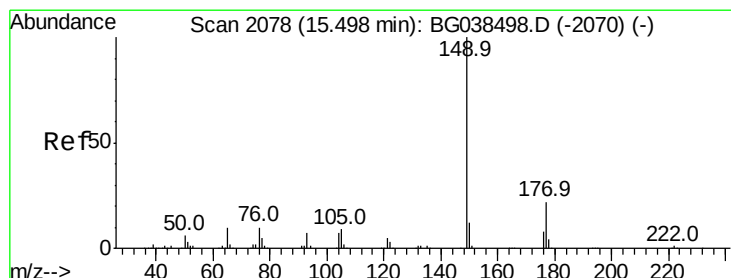
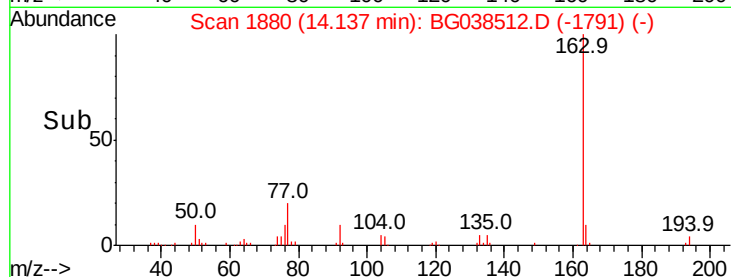
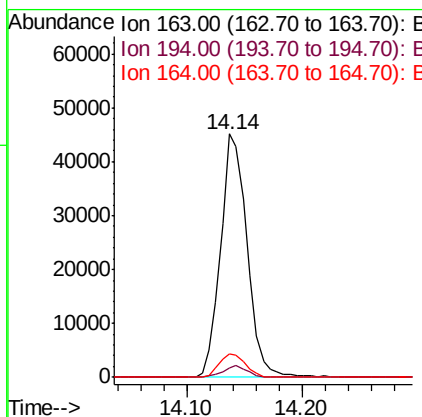
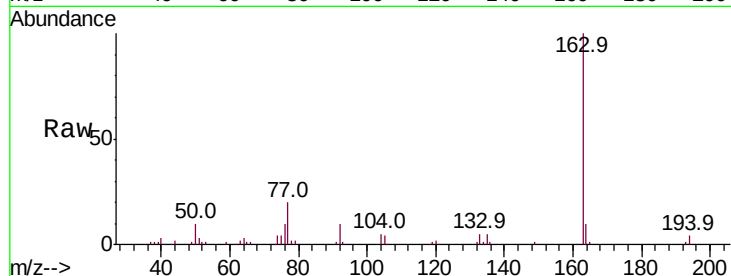
ClientSampleId :

COMPOSITE-6-DISSOLVED

Tot Ion:	163	Resp:	71868
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	9.7	8.6	12.8

Manual Integrations
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#60

Diethylphthalate

Concen: 4.747 ng

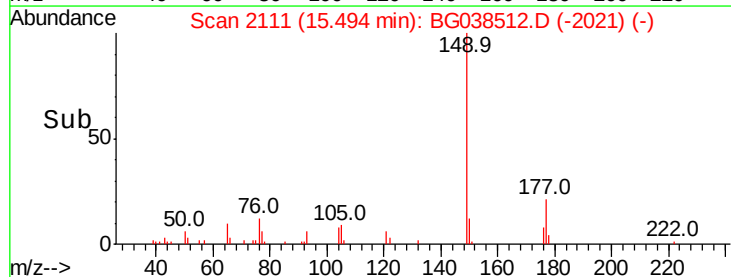
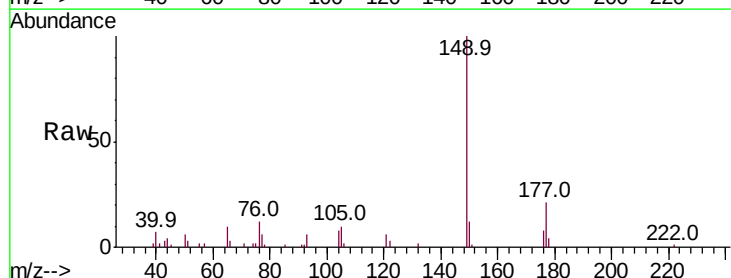
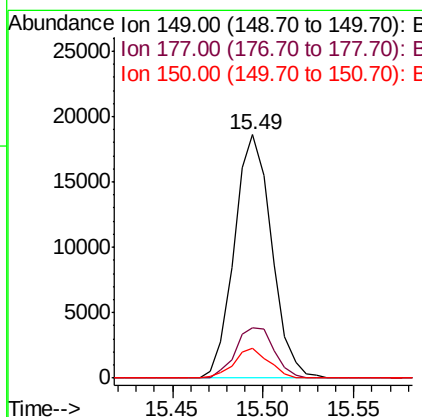
RT: 15.49 min Scan# 2111

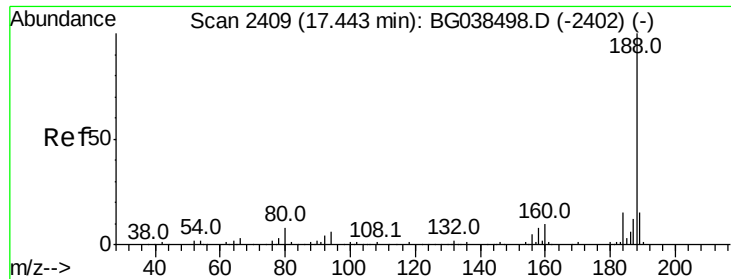
Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Tgt Ion:	149	Resp:	26573
Ion Ratio	Lower	Upper	
149	100		
177	20.8	17.7	26.5
150	12.5	9.9	14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

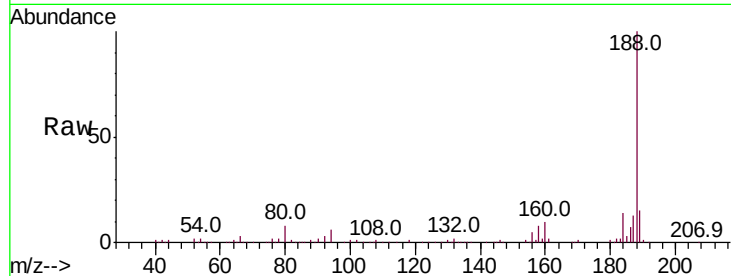
ClientSampleId :

COMPOSITE-6-DISSOLVED

Tot Ion:	188	Resp:	190030
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.1	7.7
80	7.7	6.1	9.1

Manual Integrations
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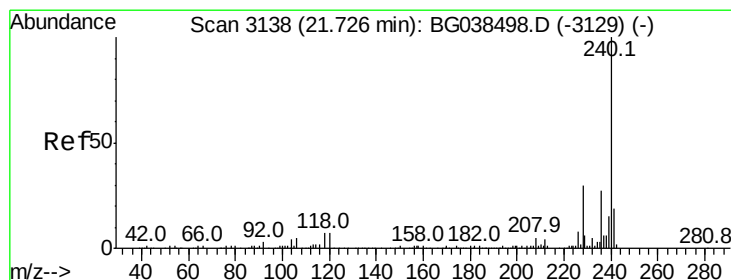
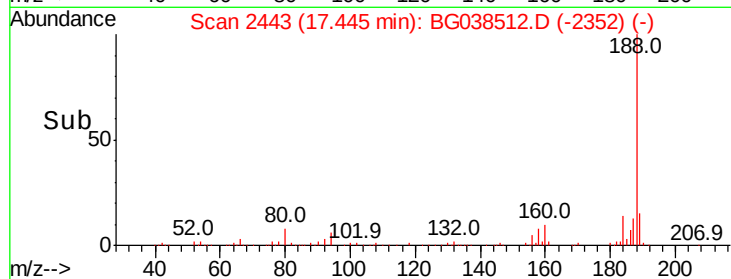
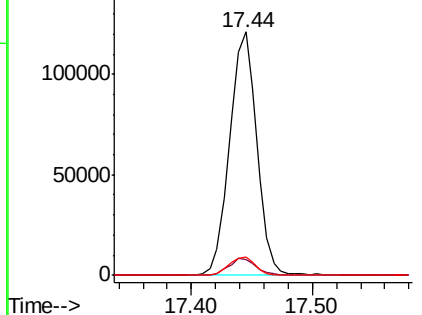
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

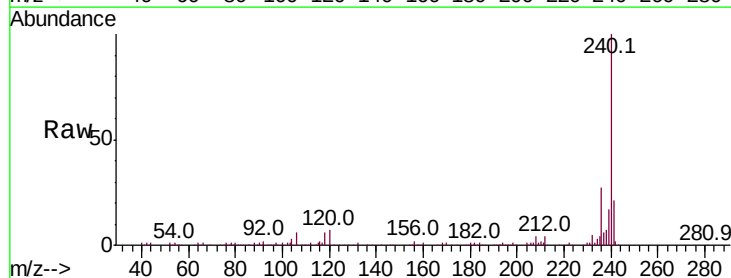
RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

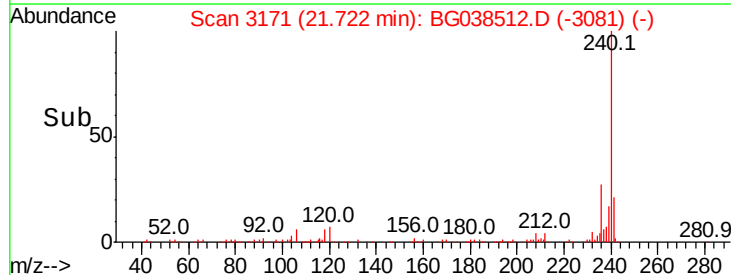
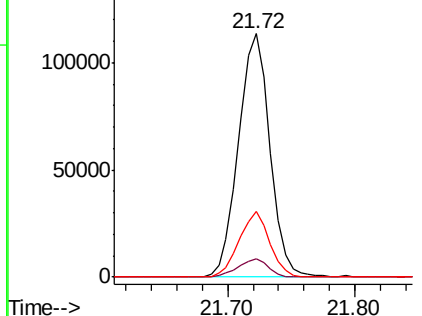
Tgt Ion:	240	Resp:	195557
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.3	7.9
236	27.1	21.4	32.2

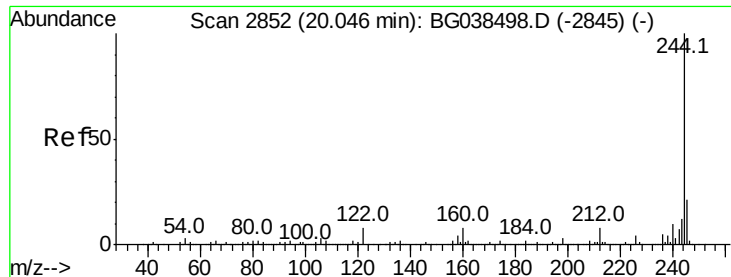


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.070 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

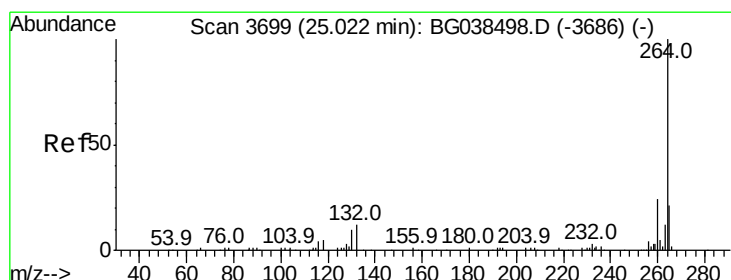
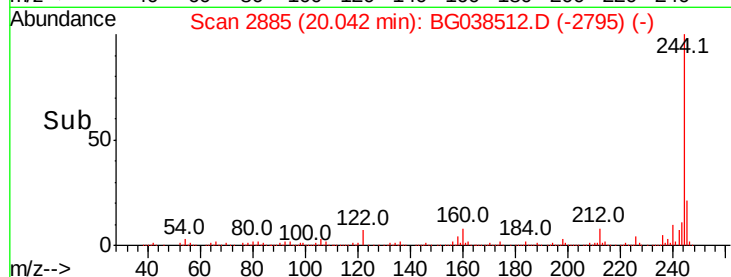
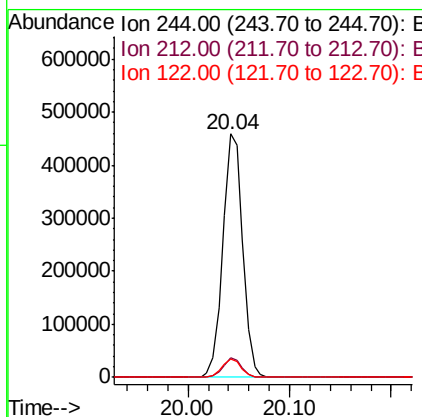
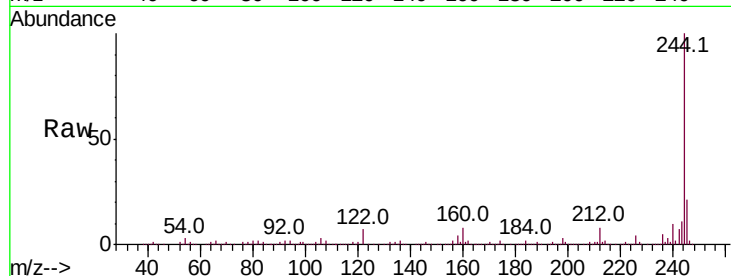
ClientSampleId :

COMPOSITE-6-DISSOLVED

Tot Ion:	244	Resp:	620635
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.5	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/13/2018 3:07:04 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Tgt Ion:	264	Resp:	93941
Ion Ratio	Lower	Upper	
264	100		
260	25.3	18.9	28.3
265	20.9	17.0	25.4

