

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038011.D
 Acq On : 15 Nov 2018 00:13
 Operator : JU/SJ
 Sample : J5889-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Manual Integrations
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Sohil
 11/15/2018 11:05:24 AM

Quant Time: Nov 15 03:13:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44862	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	196464	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128216	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	299136	20.00	ng	0.00
76) Chrysene-d12	21.75	240	279584	20.00	ng	0.00
87) Perylene-d12	25.06	264	284907	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	434479	167.21	ng	0.00
7) Phenol-d6	7.23	99	630832	170.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	377644	102.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	223162	152.61	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	807654	91.77	ng	0.00
79) Terphenyl-d14	20.07	244	1123277	94.54	ng	0.00
Target Compounds						
10) Phenol	7.26	94	30383	7.734	ng	95
31) Naphthalene	10.95	128	151428	15.671	ng	98
37) 2-Methylnaphthalene	12.55	142	47465	6.838	ng	96
38) 1-Methylnaphthalene	12.77	142	20416m	3.056	ng	
50) Dimethylphthalate	14.16	163	169774	16.702	ng	98

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

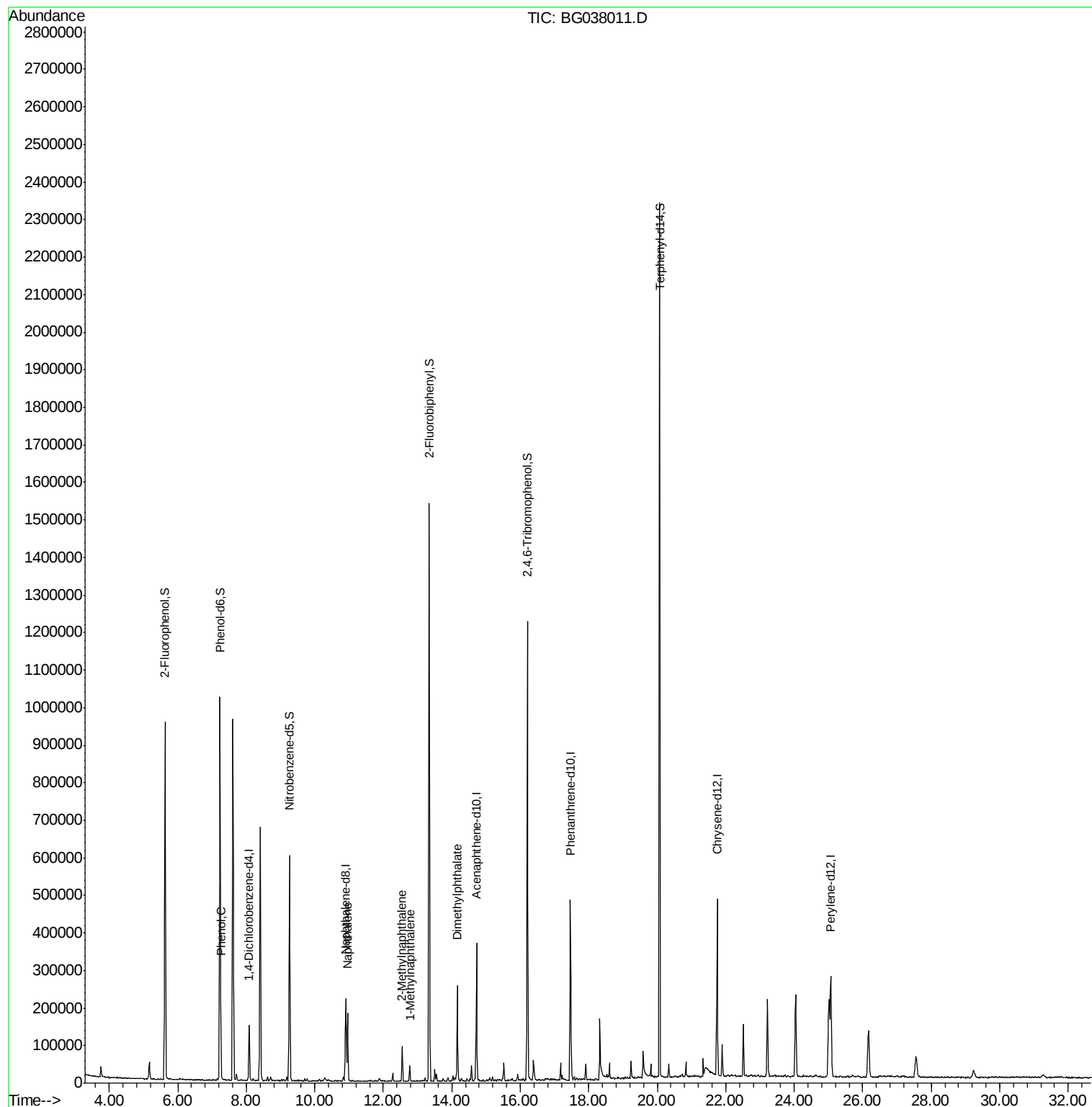
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

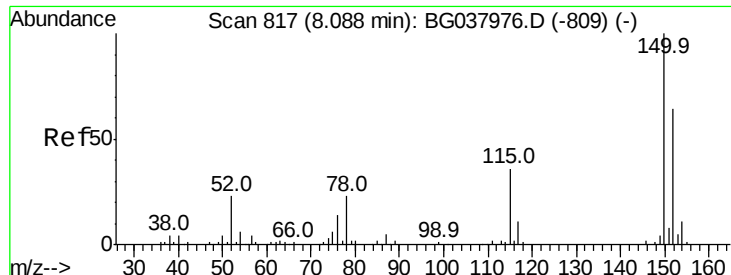
Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

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11/15/2018 11:05:24 AM

Quant Time: Nov 15 03:13:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration





#1

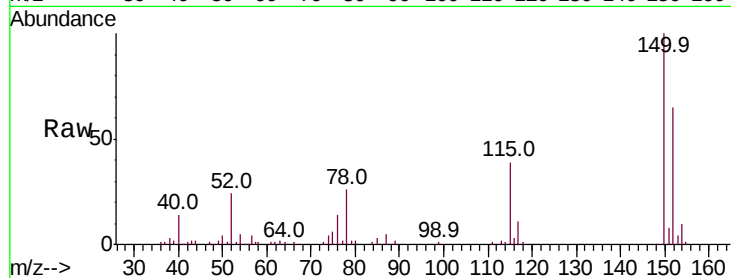
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampled :
BOTTOM-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	59.7	45.5	68.3

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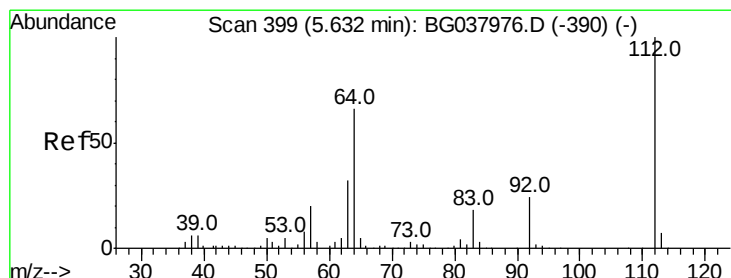
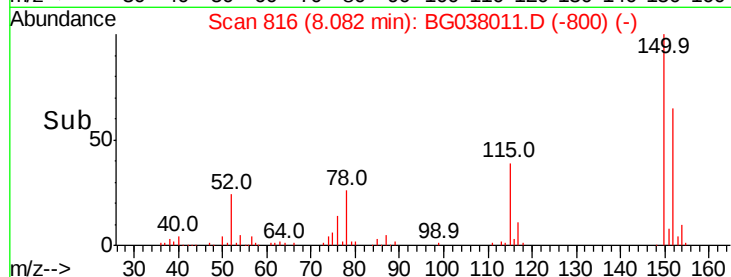
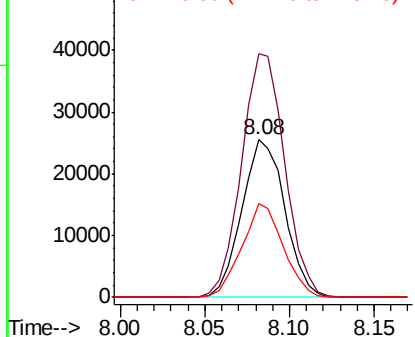


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

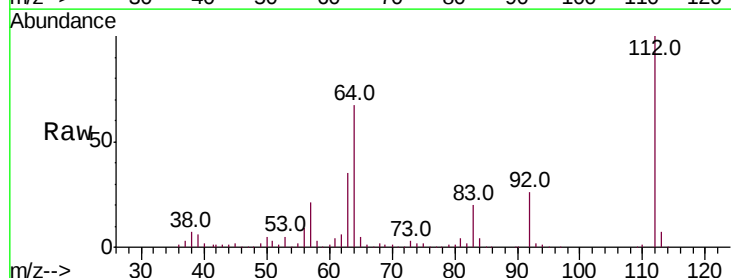
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 167.214 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	35.4	27.3	40.9

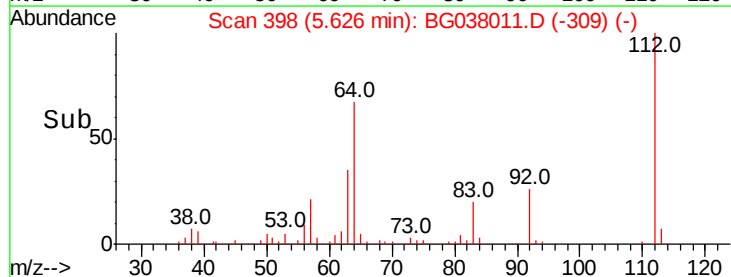
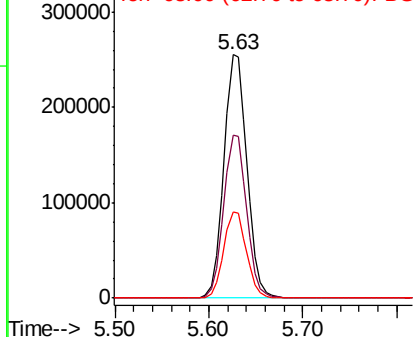


Abundance

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: 170.083 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

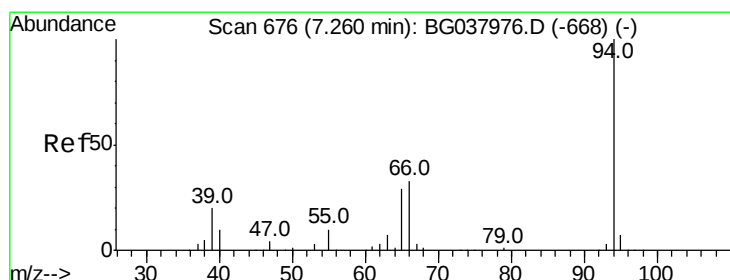
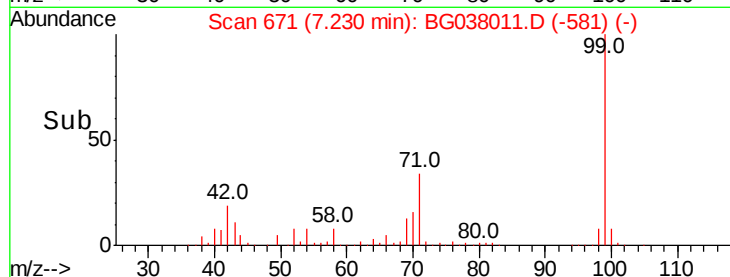
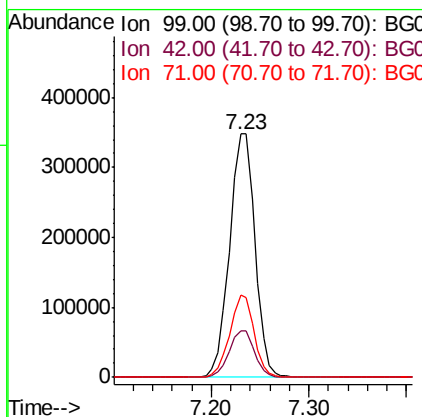
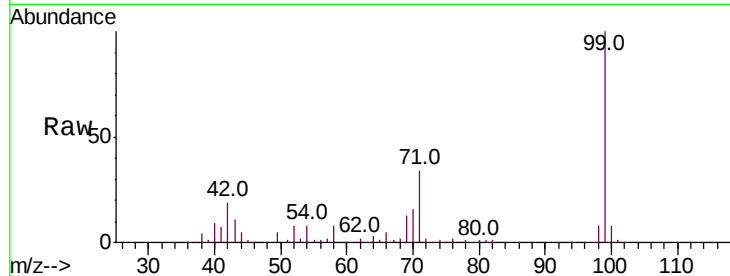
ClientSampleId :

BOTTOM-C

Tot Ion:	99	Resp:	630832
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	33.8	25.5	38.3

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#10

Phenol

Concen: 7.734 ng

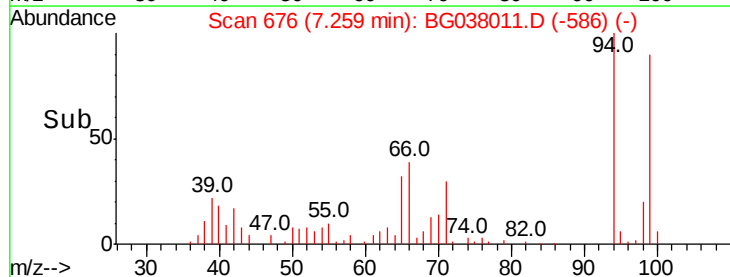
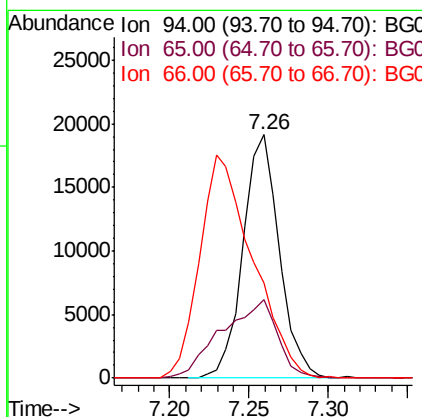
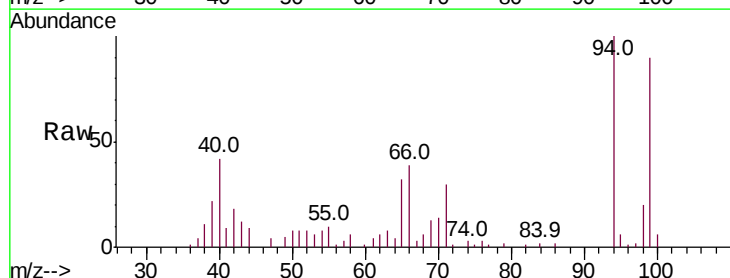
RT: 7.26 min Scan# 676

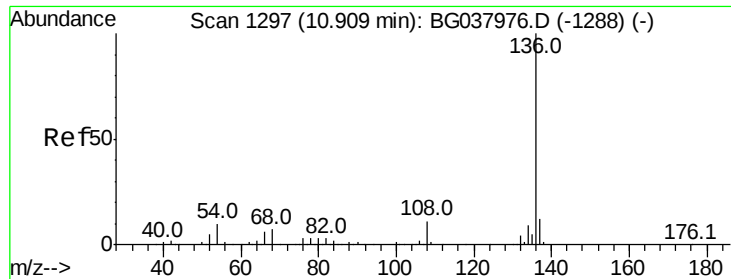
Delta R.T. -0.00 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Tgt Ion:	94	Resp:	30383
Ion Ratio	Lower	Upper	
94	100		
65	32.3	9.7	49.7
66	39.0	15.9	55.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

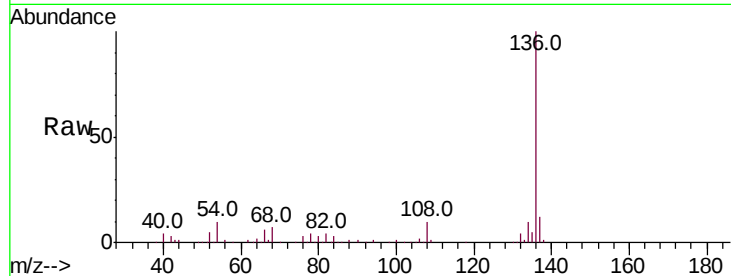
ClientSampleId :

BOTTOM-C

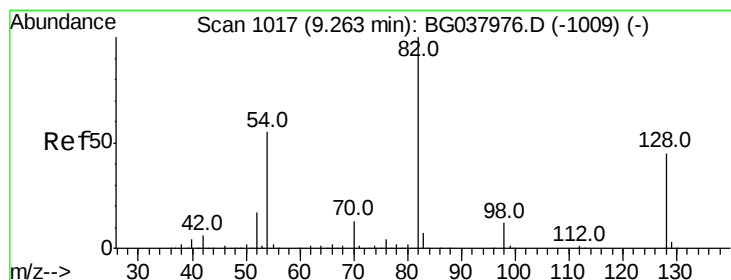
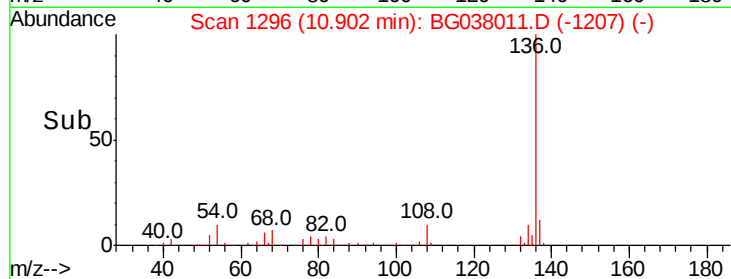
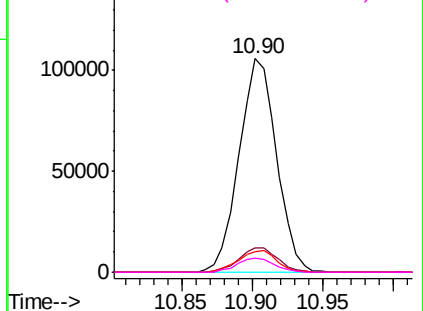
Tot Ion	Ratio	Resp	Lower	Upper
136	100	196464		
137	11.7	9.6	14.4	
54	9.6	7.9	11.9	
68	6.5	4.8	7.2	

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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: 102.896 ng

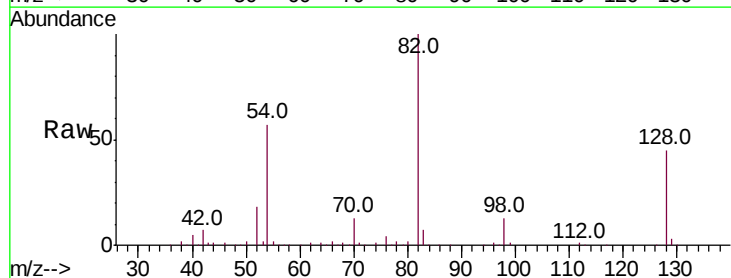
RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

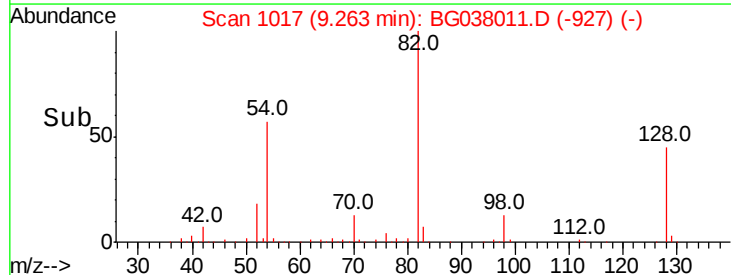
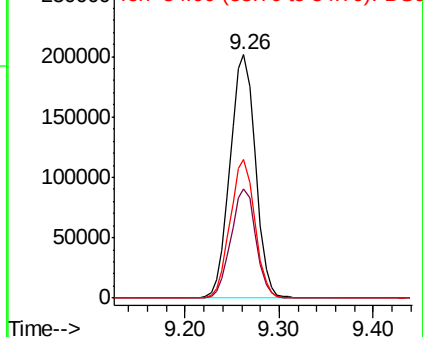
Lab File: BG038011.D

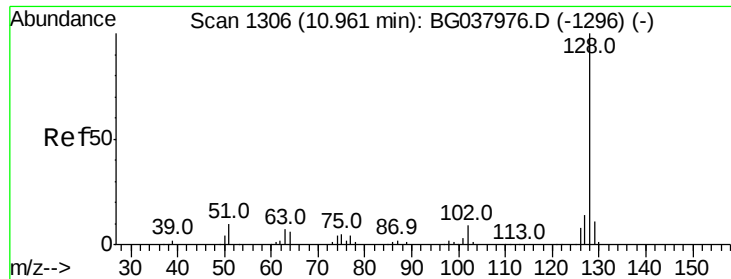
Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	377644		
128	44.9	34.6	51.8	
54	56.8	45.3	67.9	



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





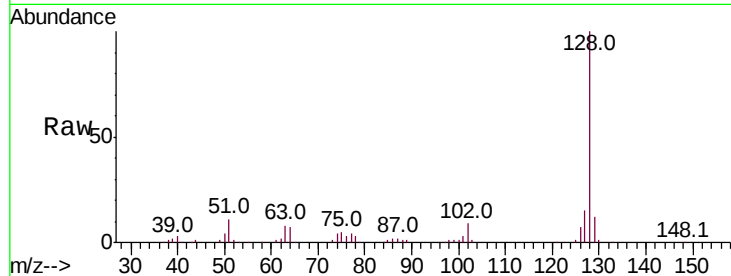
#31
Naphthalene
Concen: 15.671 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.8	11.1	16.7

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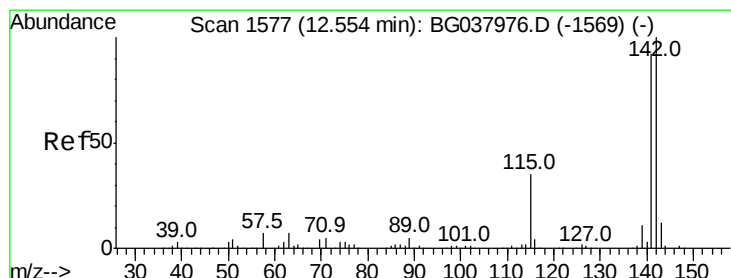
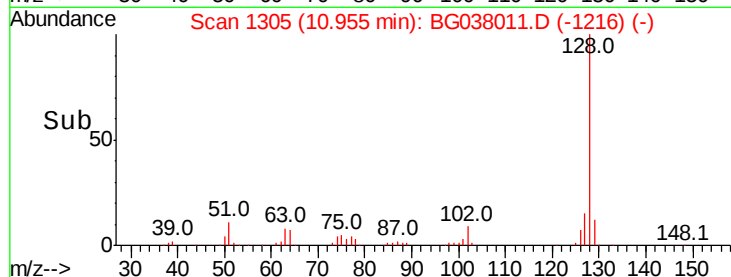
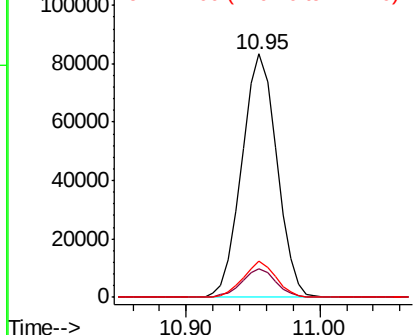


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 6.838 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

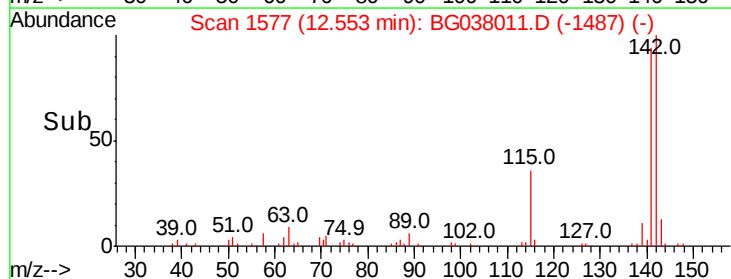
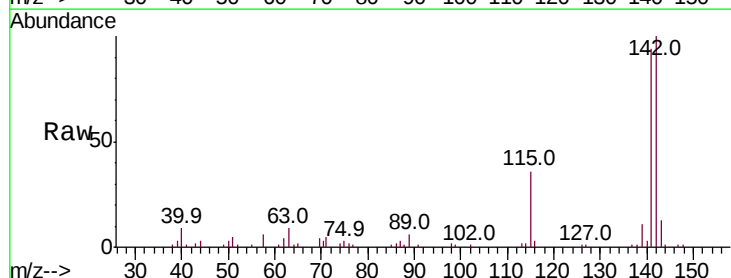
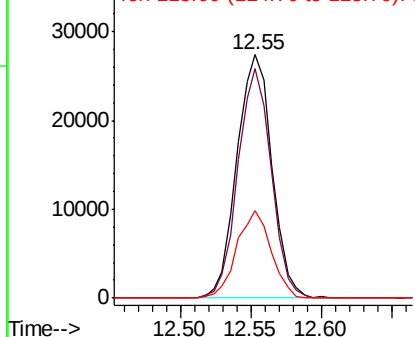
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.9	107.9
115	36.2	27.8	41.8

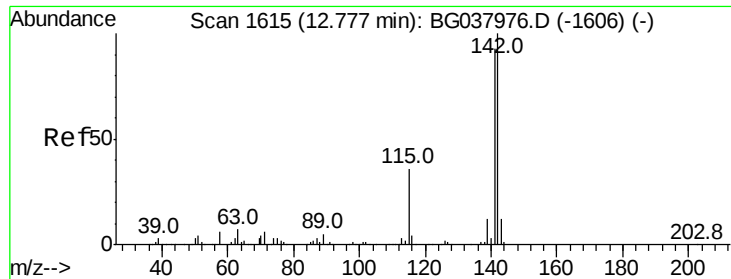
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





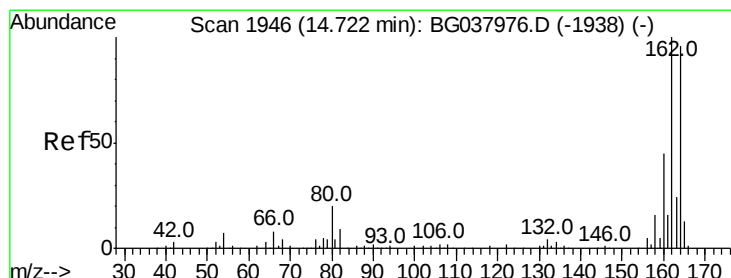
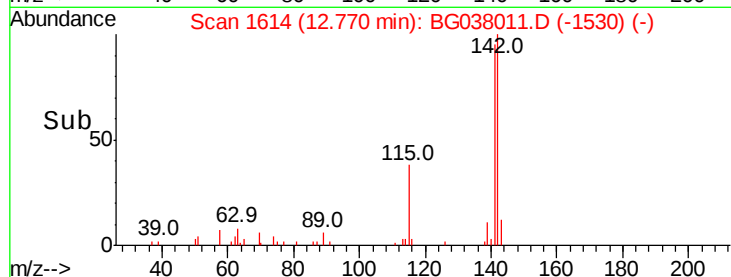
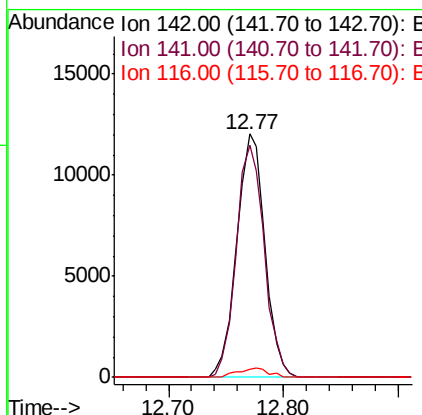
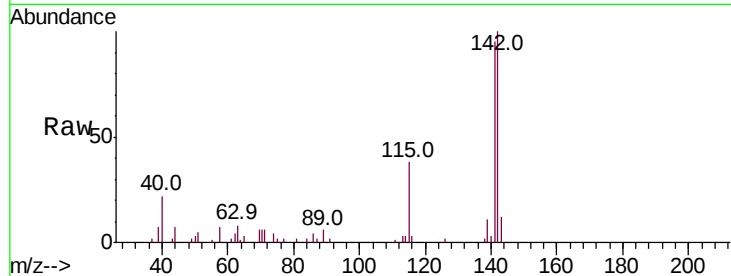
#38
1-Methylnaphthalene
Concen: 3.056 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.2	112.8
116	3.2	3.3	4.9

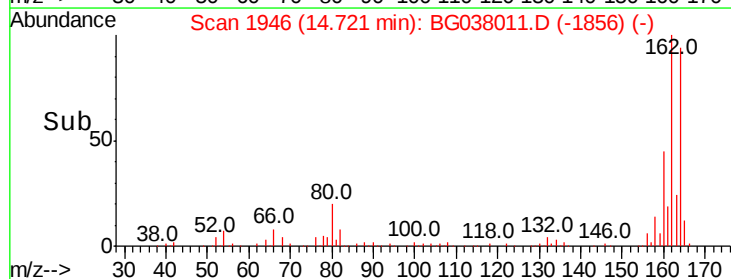
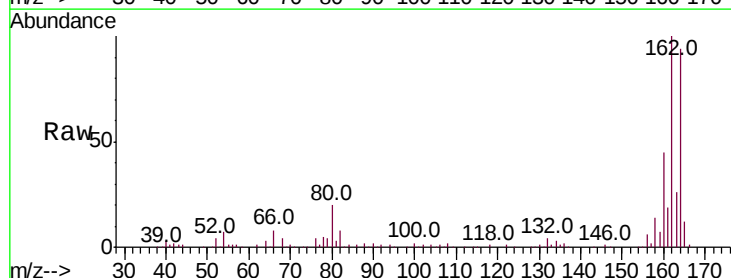
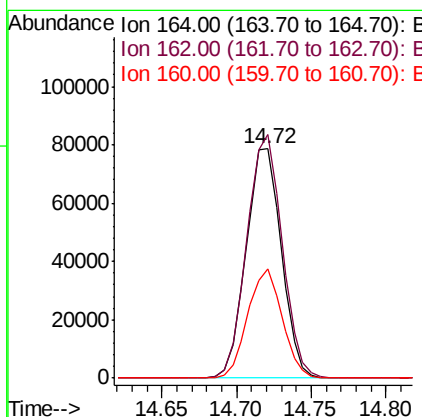
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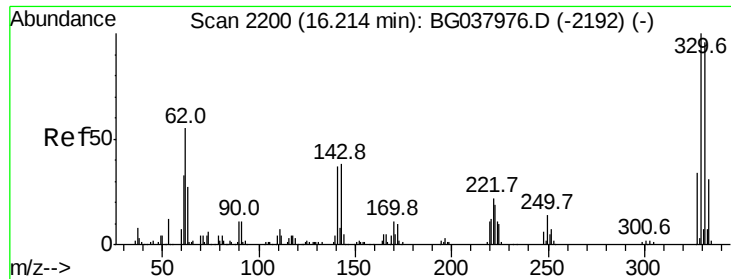
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.3	121.9
160	47.6	36.3	54.5





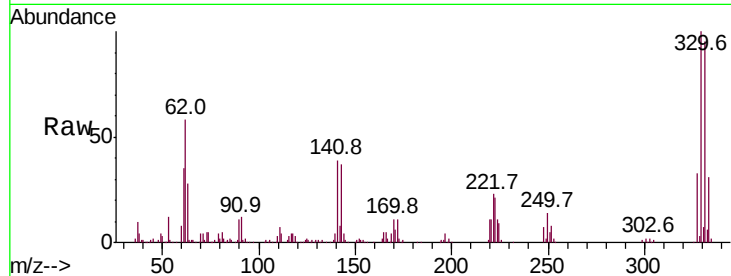
#42
 2,4,6-Tribromophenol
 Concen: 152.613 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223162		
332	96.0		78.4	117.6
141	39.6		32.2	48.2

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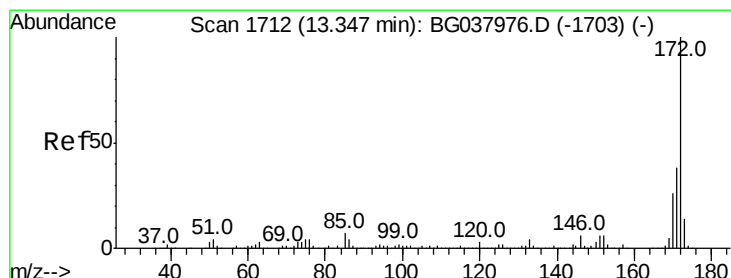
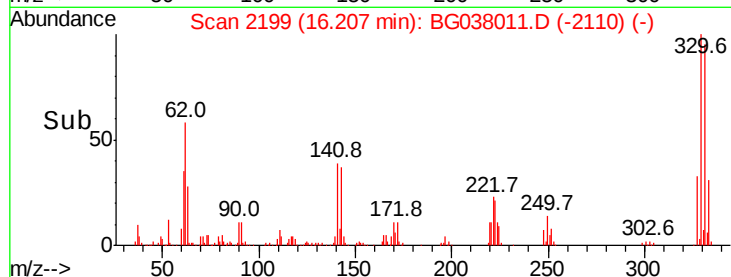
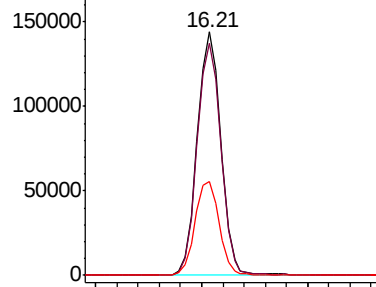


Abundance

Ion 329.80 (329.50 to 330.50): E

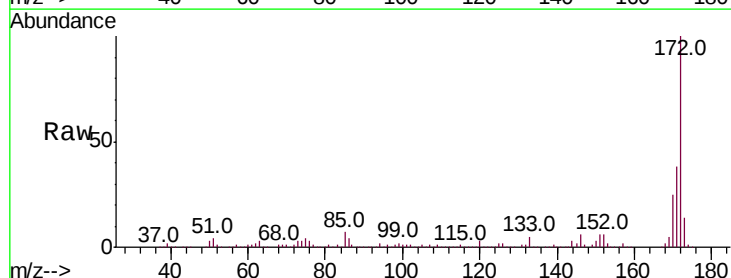
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.769 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	807654		
171	38.3		31.0	46.4
170	25.2		20.2	30.2

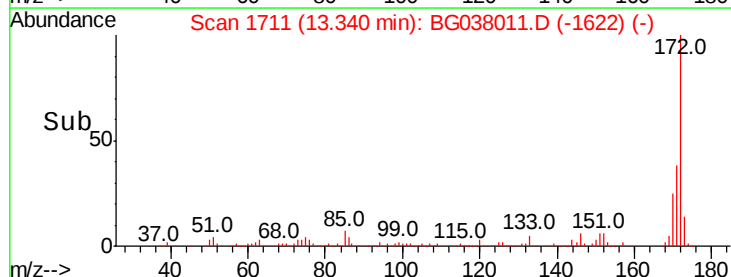
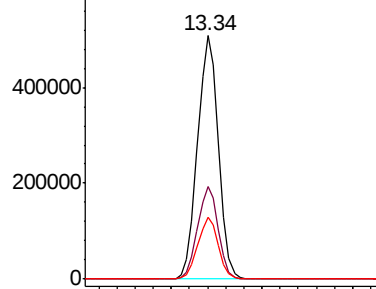


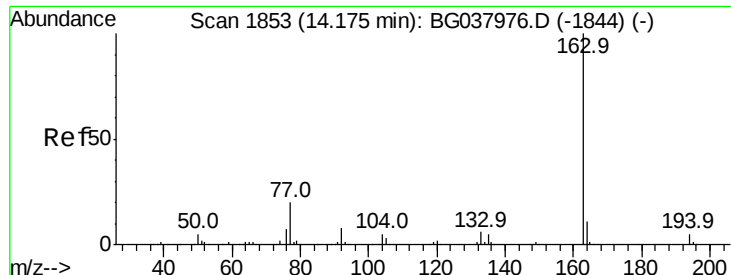
Abundance

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





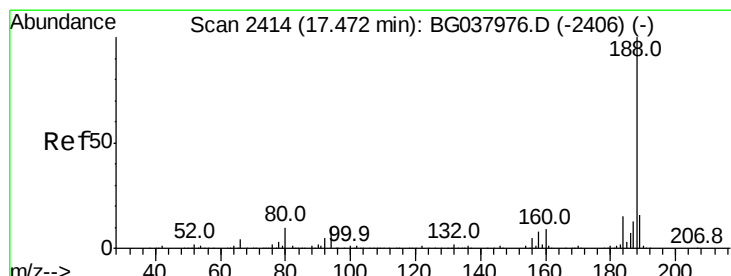
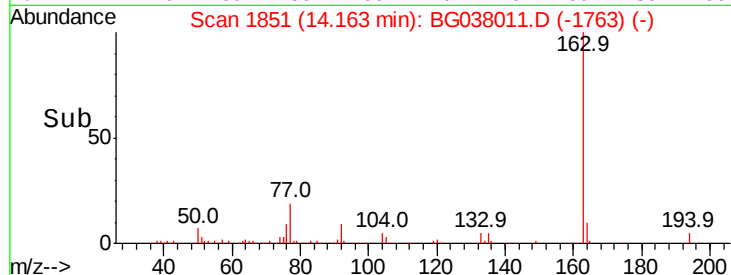
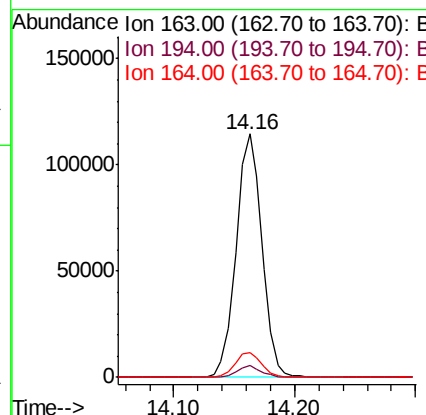
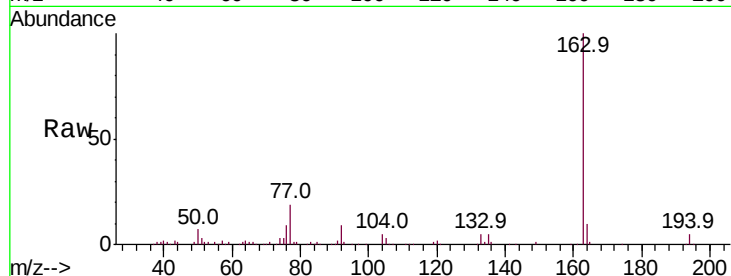
#50
Dimethylphthalate
Concen: 16.702 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	169774		
194	4.8	3.5	5.3	
164	10.0	8.5	12.7	

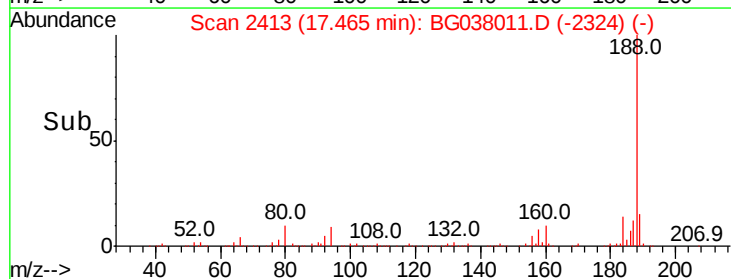
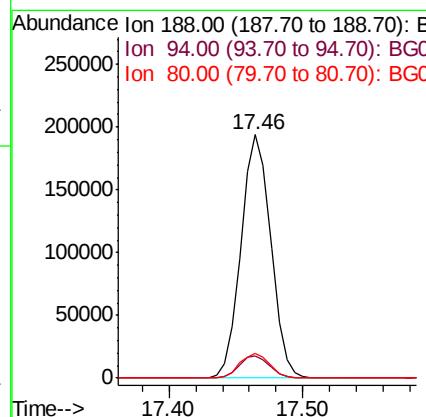
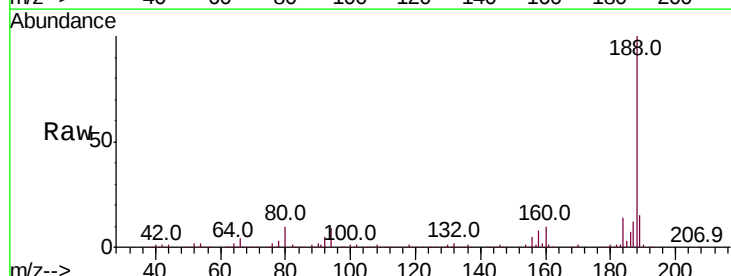
Manual Integrations
APPROVED

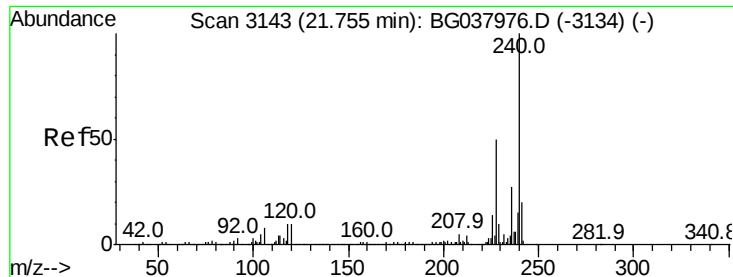
Sohil
11/15/2018 11:05:24 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299136		
94	9.3	7.2	10.8	
80	10.1	7.7	11.5	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Instrument :

BNA_G

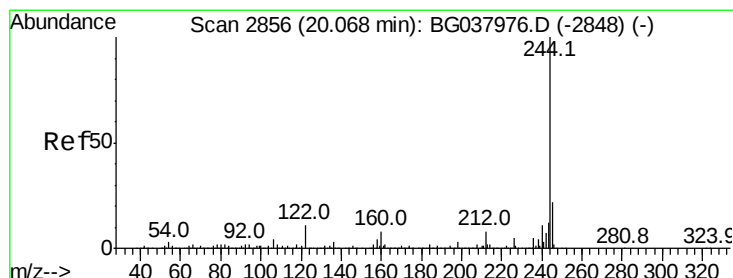
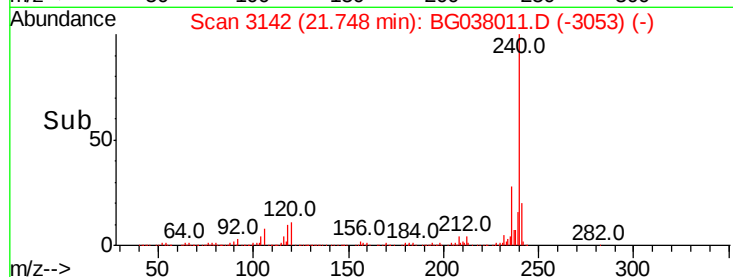
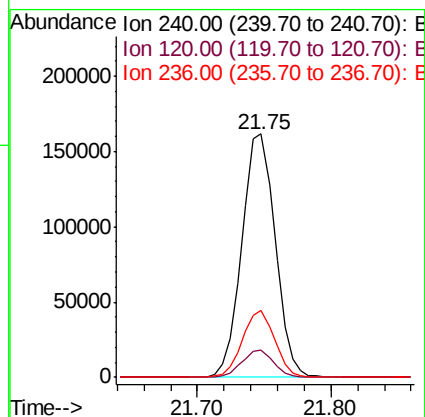
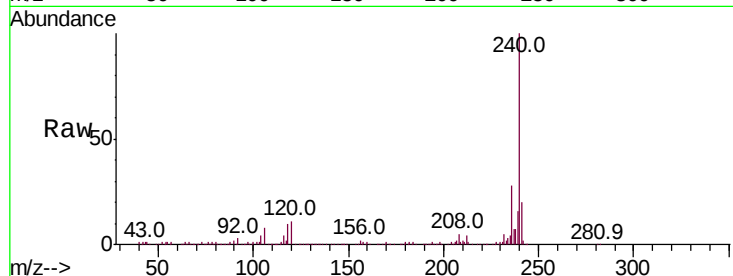
ClientSampleId :

BOTTOM-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	27.7	21.4	32.0

Manual Integrations
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#79

Terphenyl-d14

Concen: 94.536 ng

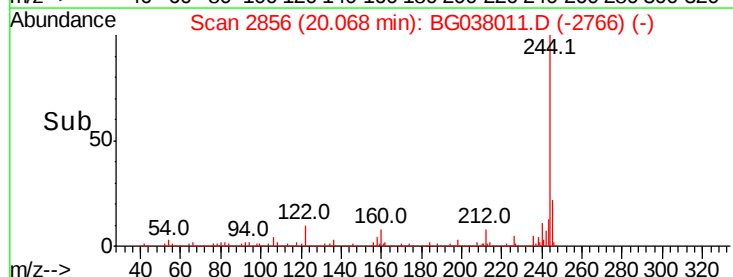
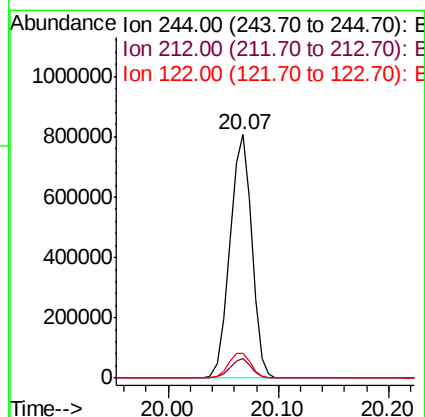
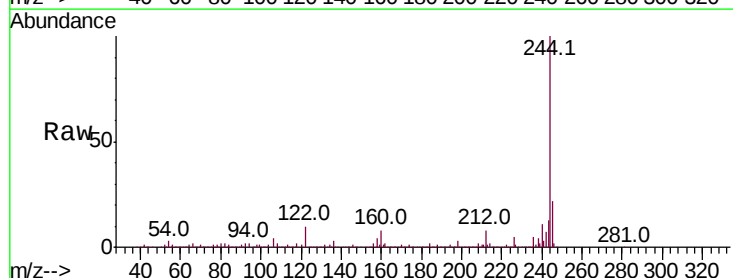
RT: 20.07 min Scan# 2856

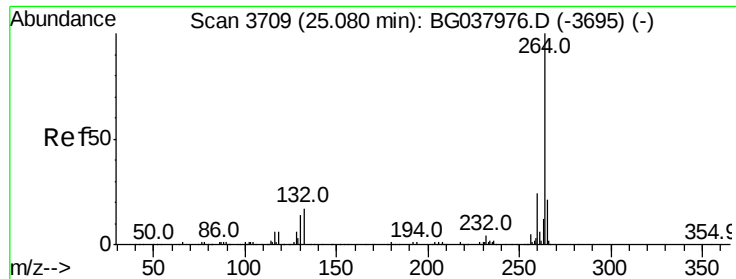
Delta R.T. -0.00 min

Lab File: BG038011.D

Acq: 15 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.4	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.02 min
 Lab File: BG038011.D
 Acq: 15 Nov 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

Tot Ion:	264	Resp:	284907
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	21.9	17.9	26.9

Manual Integrations
 APPROVED

Sohil
 11/15/2018 11:05:24 AM

