

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038971.D
 Acq On : 7 Jan 2019 17:54
 Operator : JU/SJ
 Sample : K1061-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRE-COMP-1

Manual Integrations
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Quant Time: Jan 08 03:26:33 2019
 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	8.05	152	28003	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	104357	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70146	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	171310	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	176244	20.00	ng	-0.02
87) Perylene-d12	25.00	264	190224	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	87582	55.47	ng	0.00
7) Phenol-d6	7.21	99	74242	34.25	ng	0.00
23) Nitrobenzene-d5	9.22	82	150085	73.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	130196	134.68	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	395128	77.28	ng	-0.02
79) Terphenyl-d14	20.03	244	685924	84.70	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	4659	2.023	ng	Qvalue # 72
31) Naphthalene	10.91	128	67319	13.093	ng	98
32) Benzoic acid	10.15	122	7319	16.156	ng	95
37) 2-Methylnaphthalene	12.51	142	22494	6.132	ng	95
38) 1-Methylnaphthalene	12.73	142	12017m	3.376	ng	
50) Dimethylphthalate	14.13	163	274833	47.978	ng	99

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

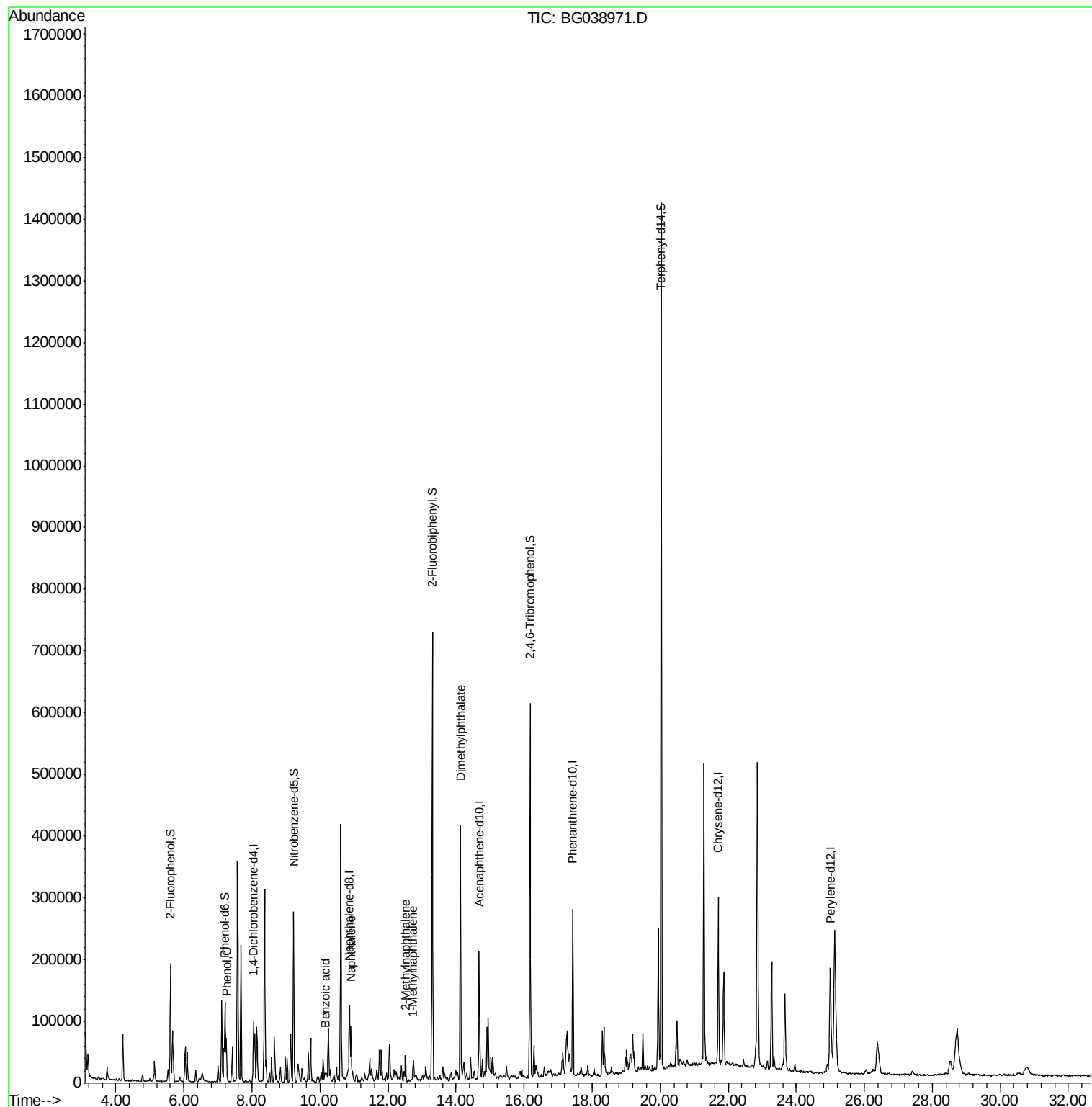
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
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Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

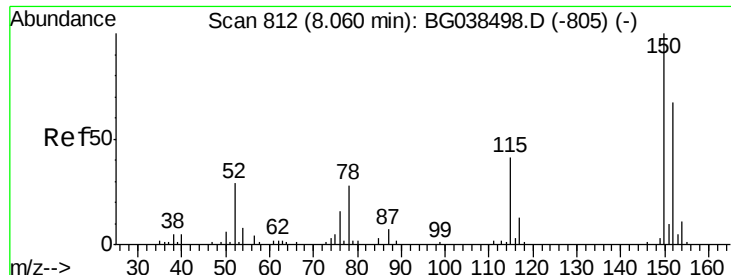
Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Manual Integrations
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Quant Time: Jan 08 03:26:33 2019
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

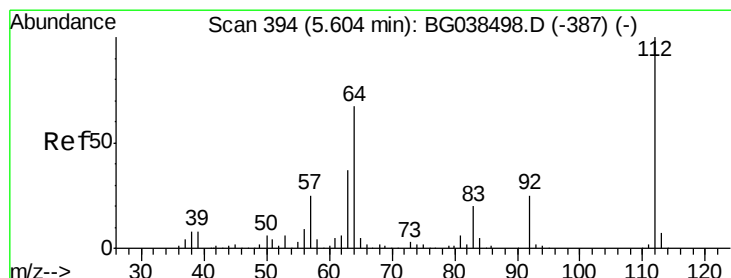
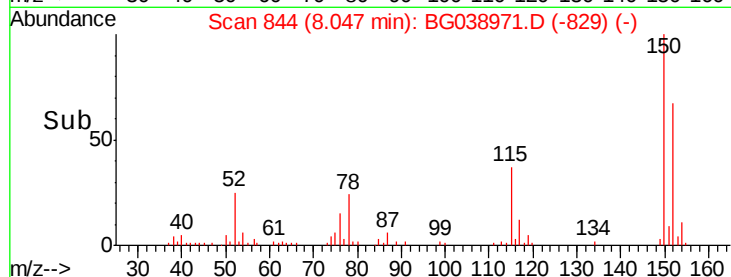
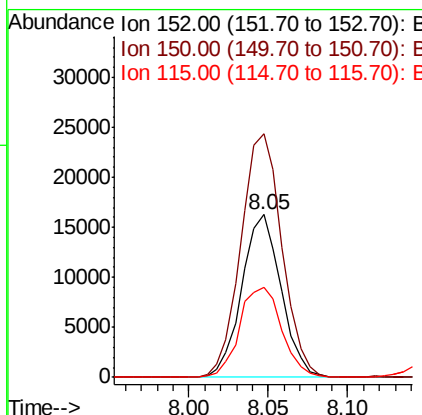
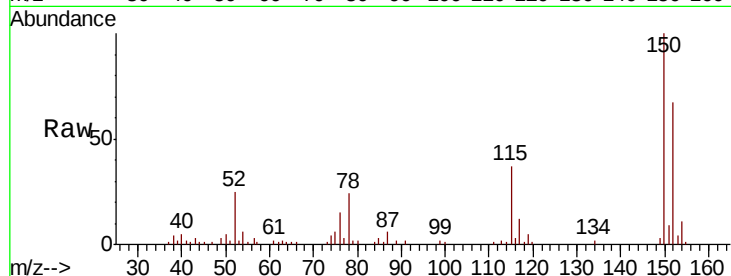
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	119.5	179.3
115	55.5	49.6	74.4

Manual Integrations
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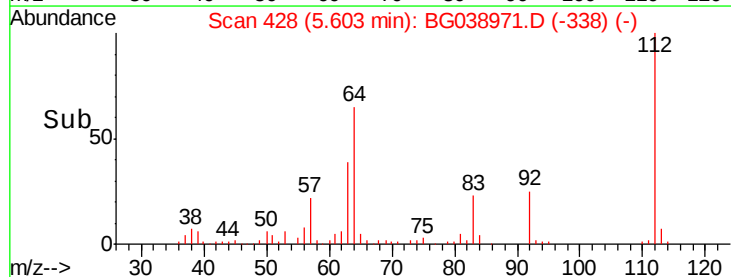
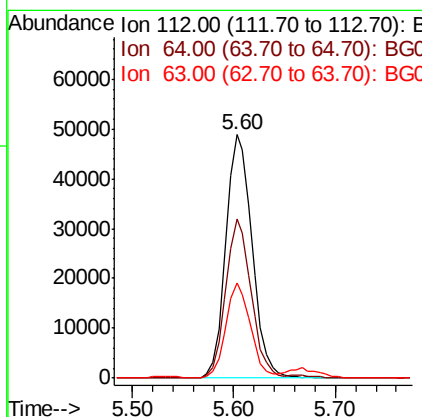
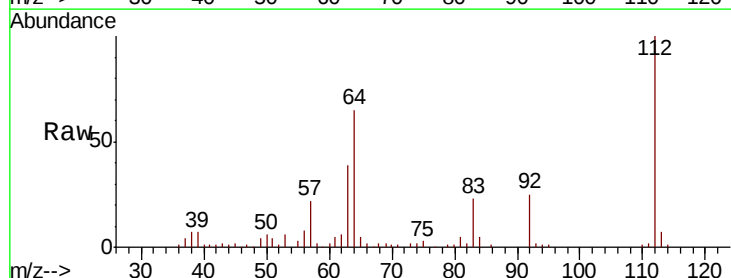
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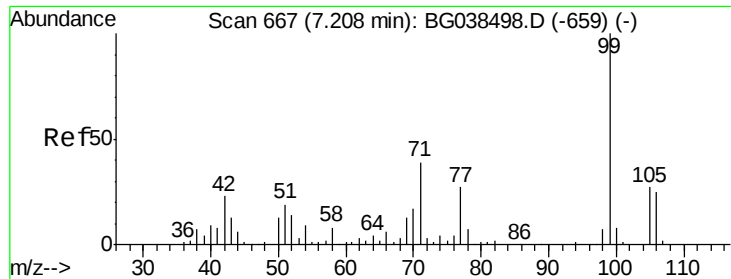


#5

2-Fluorophenol
Concen: 55.473 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.4	80.2
63	39.1	29.3	43.9





#7

Phenol-d6

Concen: 34.253 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038971.D

Acq: 7 Jan 2019 17:54

Instrument :

BNA_G

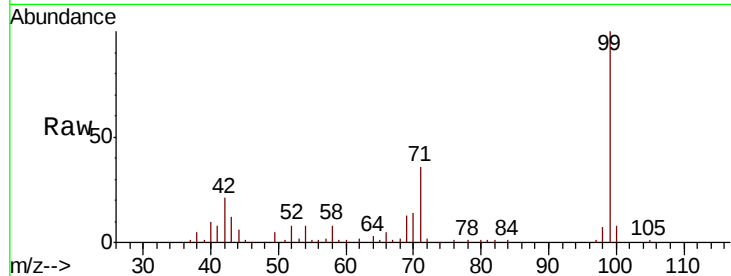
ClientSampleId :

TRE-COMP-1

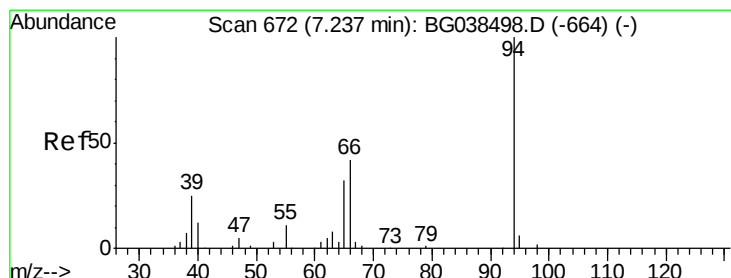
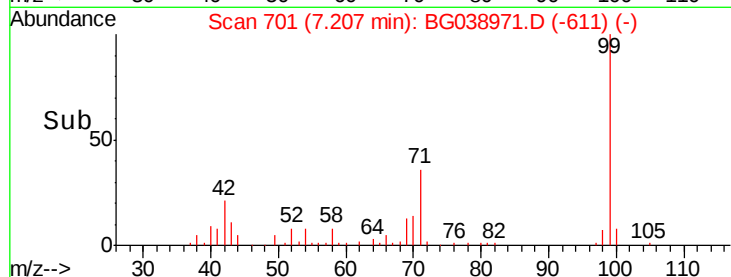
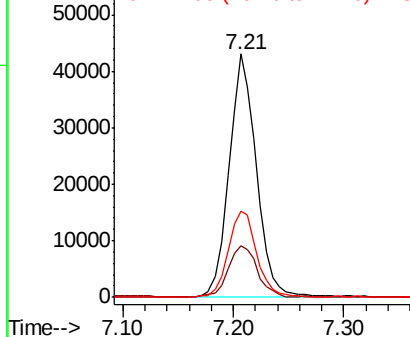
Tot Ion:	99	Resp:	74242
Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.5	27.7
71	35.6	31.1	46.7

Manual Integrations
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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



#10

Phenol

Concen: 2.023 ng

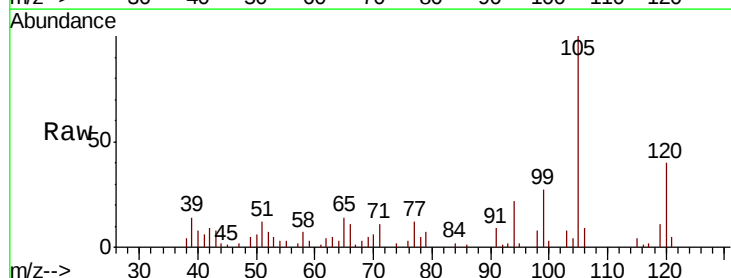
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

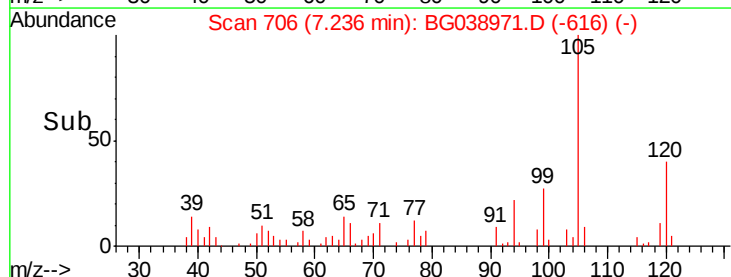
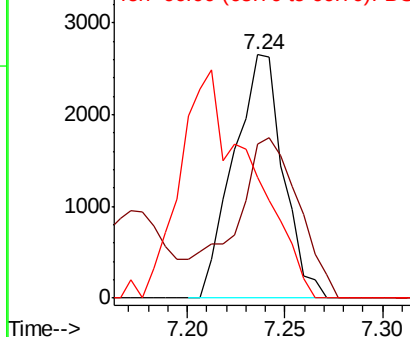
Lab File: BG038971.D

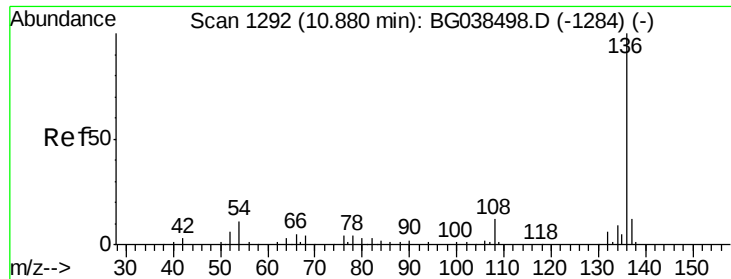
Acq: 7 Jan 2019 17:54

Tgt Ion:	94	Resp:	4659
Ion	Ratio	Lower	Upper
94	100		
65	63.5	12.6	52.6#
66	49.4	24.1	64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





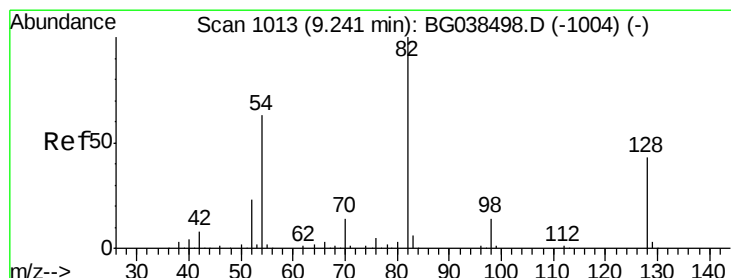
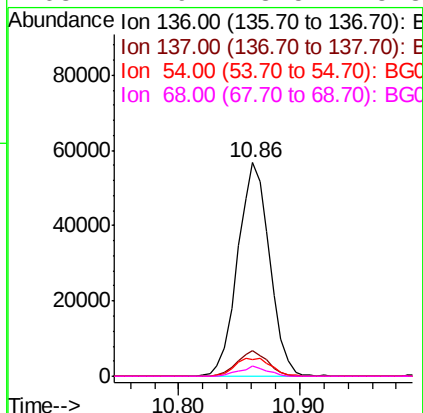
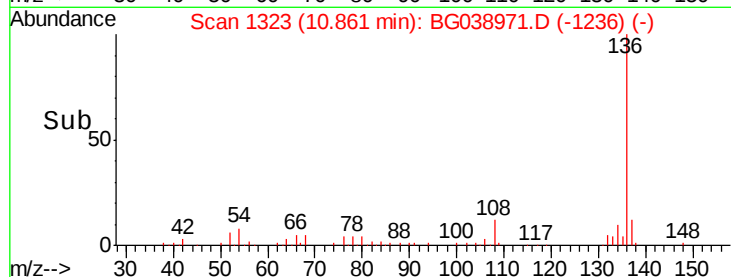
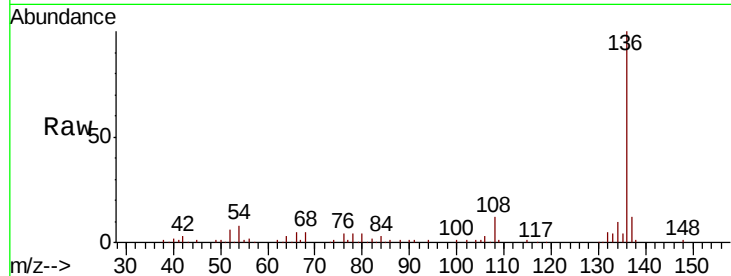
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.3	13.9	
54	8.1	8.5	12.7	
68	4.9	3.5	5.3	

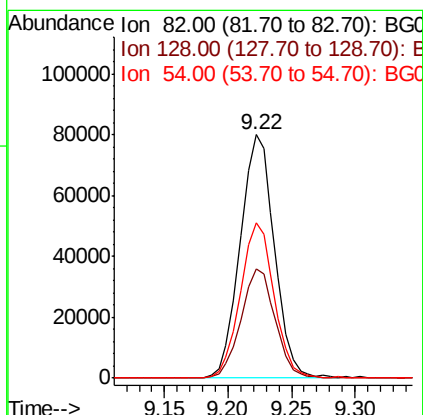
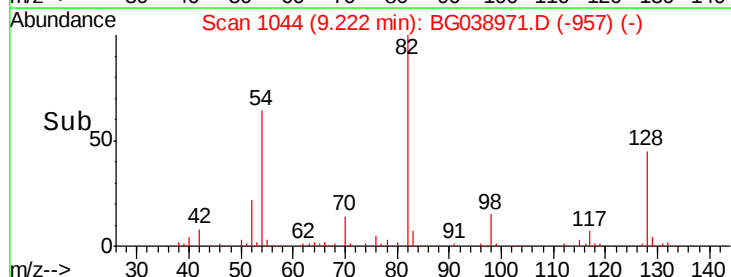
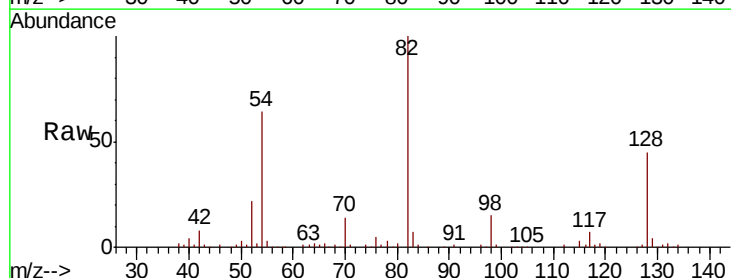
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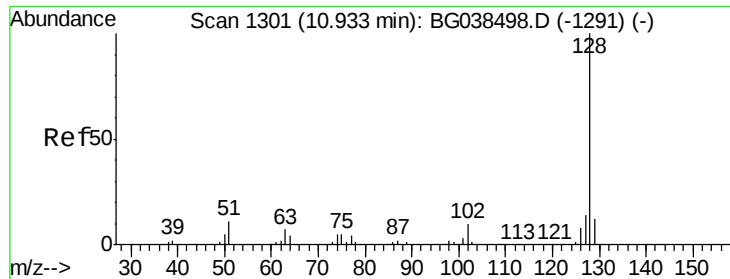
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#23
Nitrobenzene-d5
Concen: 73.473 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.6	52.0	
54	63.8	50.6	76.0	





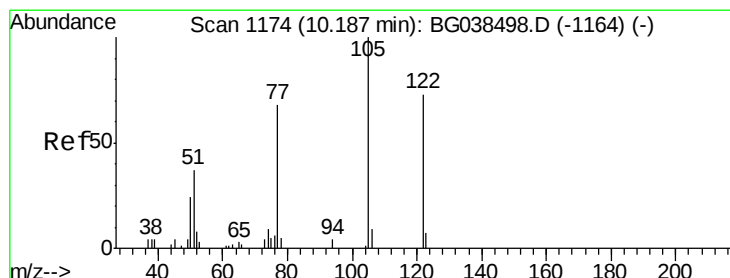
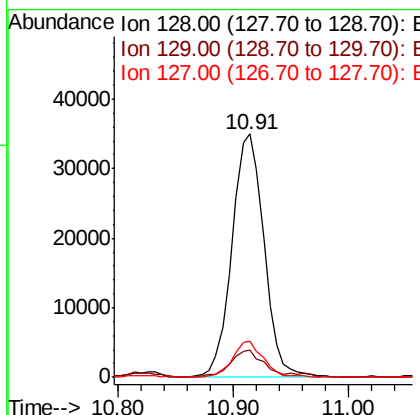
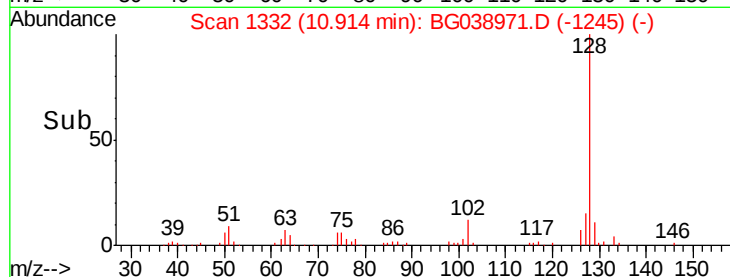
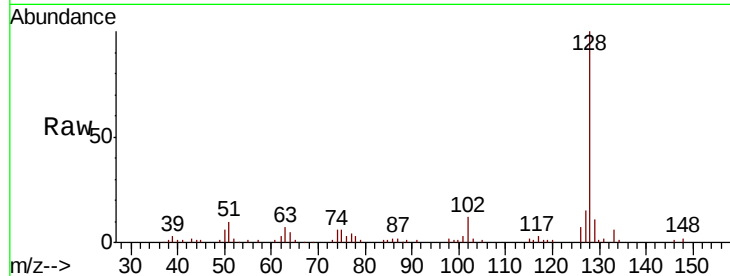
#31
Naphthalene
Concen: 13.093 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	14.7	10.9	16.3

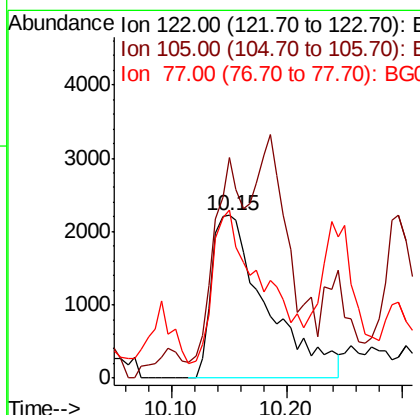
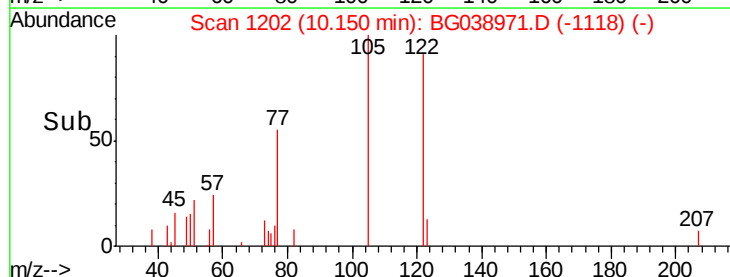
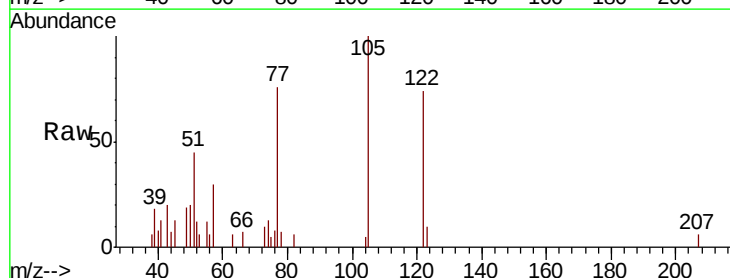
Manual Integrations
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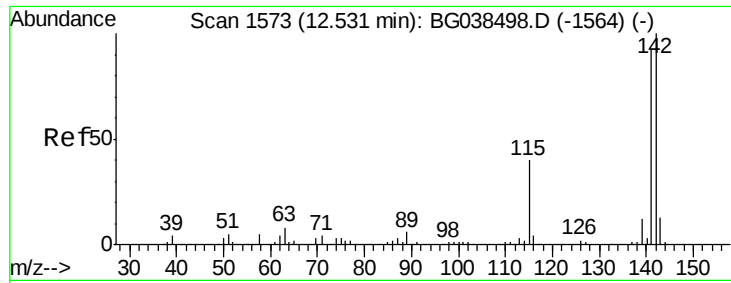
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#32
Benzoic acid
Concen: 16.156 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	116.7	156.7
77	103.6	72.5	112.5





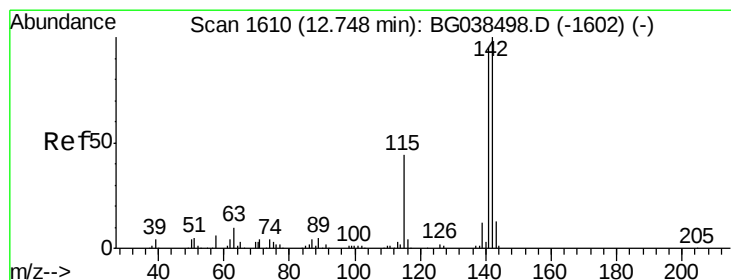
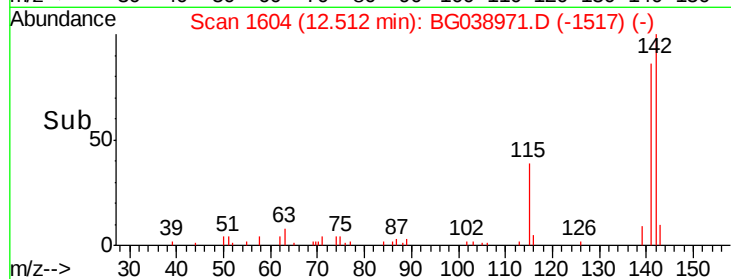
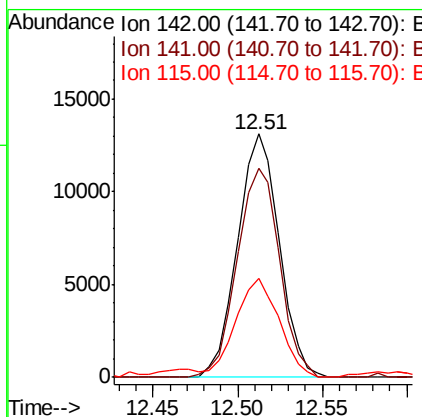
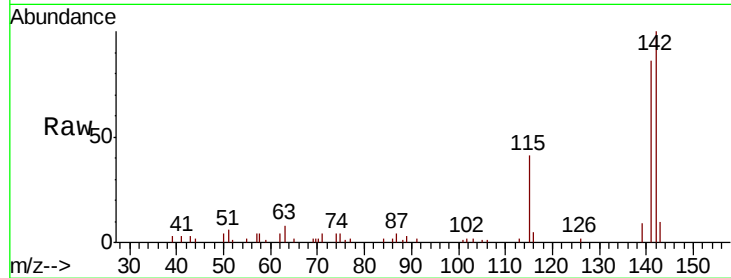
#37
2-Methylnaphthalene
Concen: 6.132 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	85.9	73.5	110.3	
115	40.6	31.7	47.5	

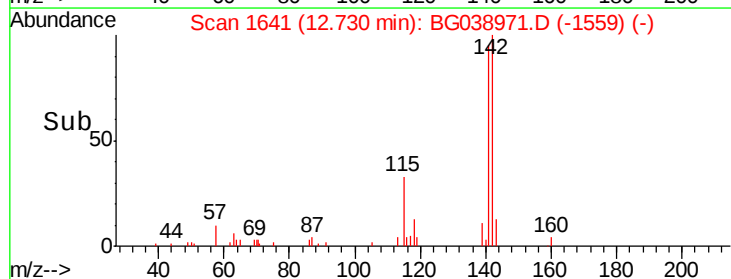
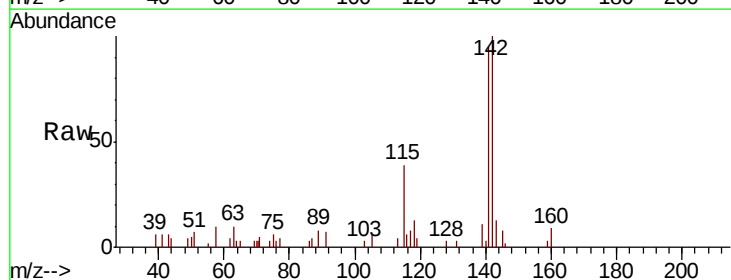
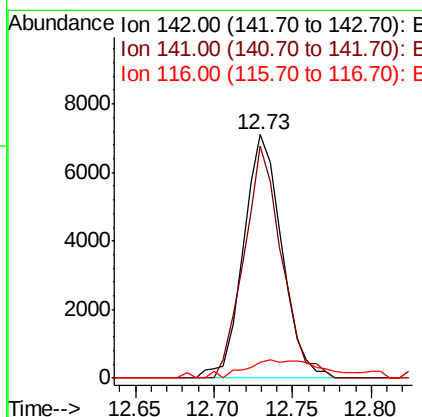
Manual Integrations
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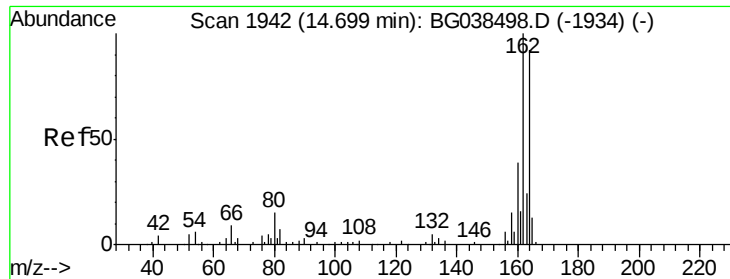
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#38
1-Methylnaphthalene
Concen: 3.376 ng m
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	95.4	75.8	113.8	
116	6.3	3.6	5.4#	





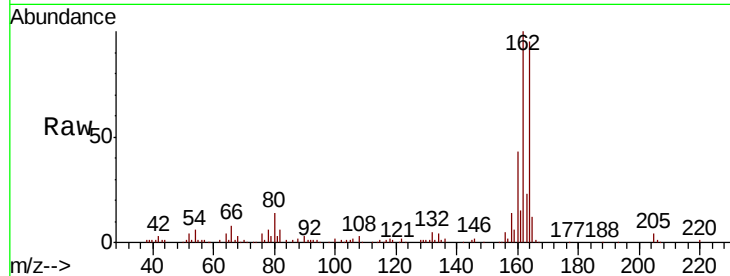
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.6	130.0
160	45.9	34.2	51.2

Manual Integrations
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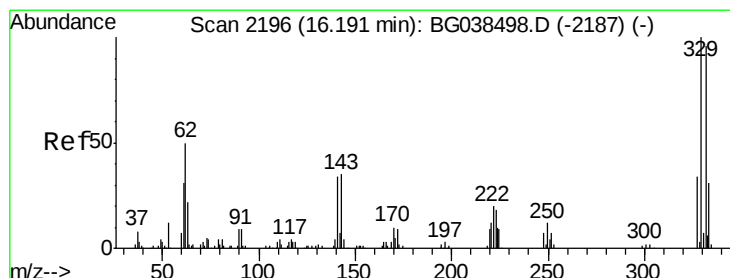
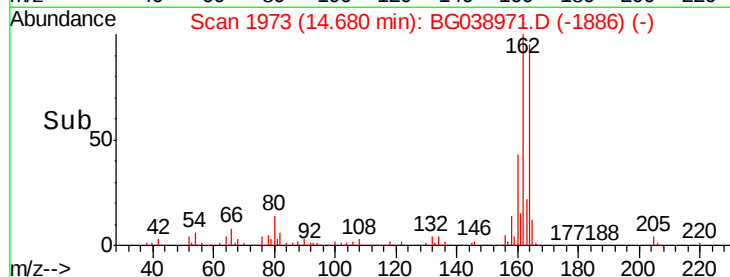
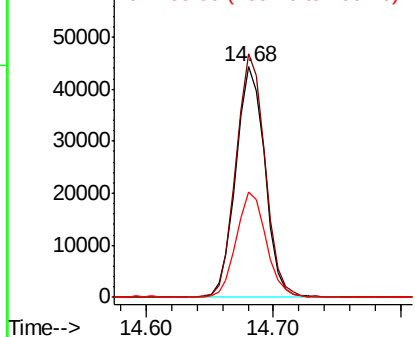


Abundance

Ion 164.00 (163.70 to 164.70): E

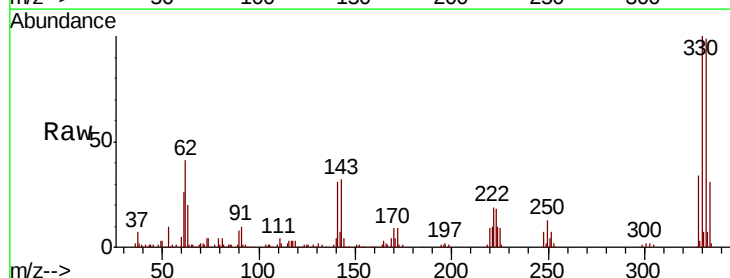
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 134.676 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	33.0	28.8	43.2

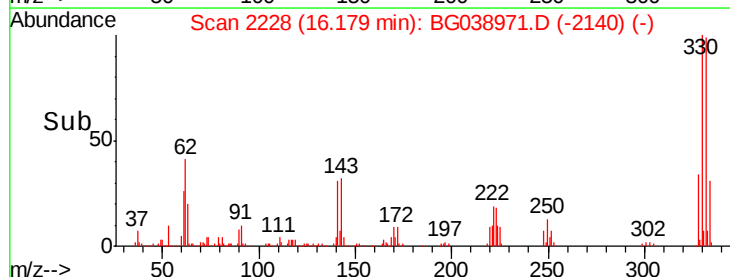
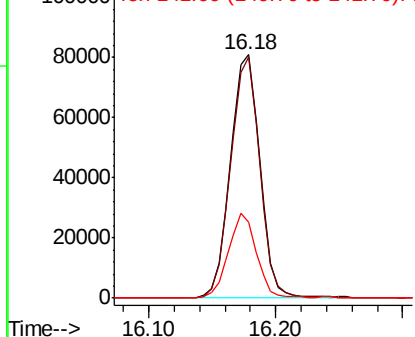


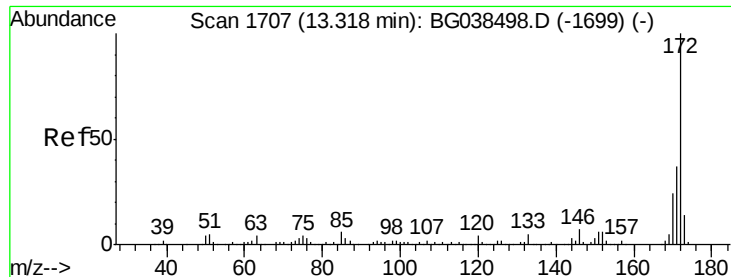
Abundance

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





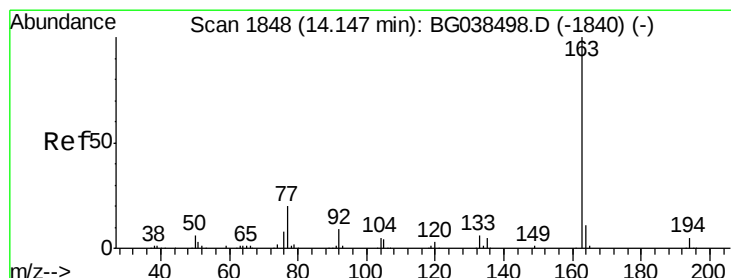
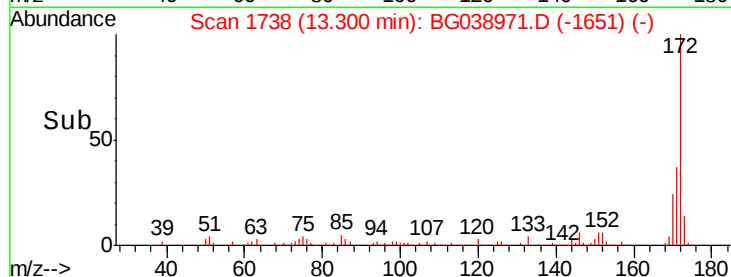
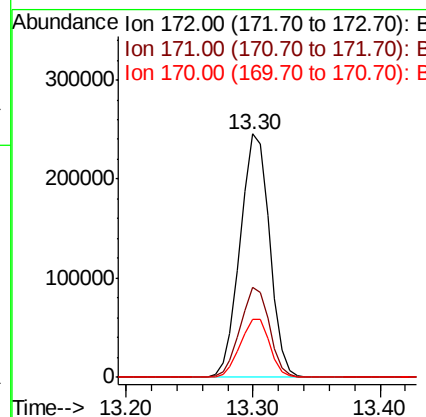
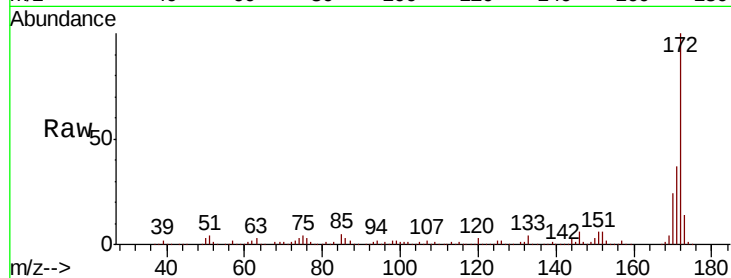
#45
2-Fluorobiphenyl
Concen: 77.275 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
TRE-COMP-1

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.1	29.8	44.6
170	24.1	19.5	29.3

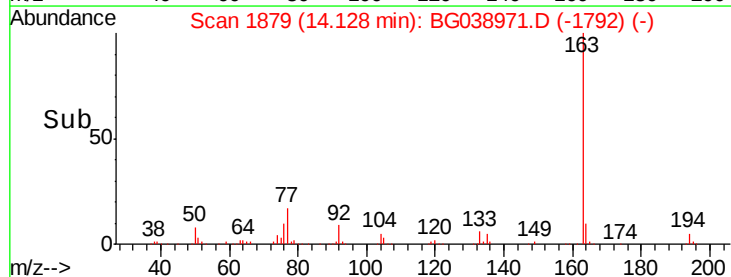
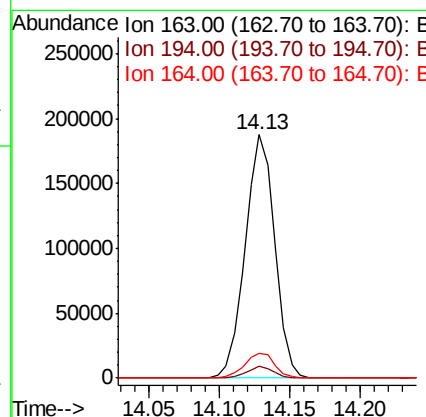
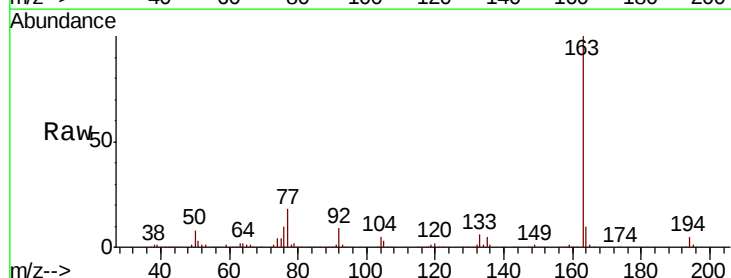
Manual Integrations
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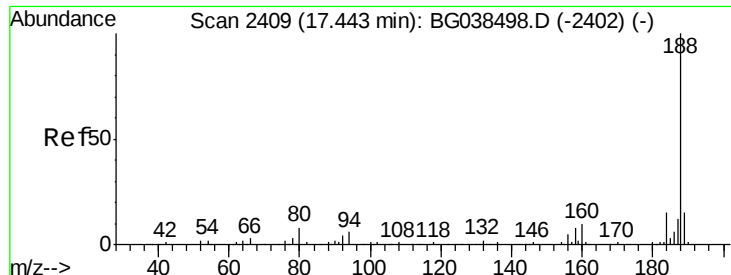
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#50
Dimethylphthalate
Concen: 47.978 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038971.D
Acq: 7 Jan 2019 17:54

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.3	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038971.D

Acq: 7 Jan 2019 17:54

Instrument :

BNA_G

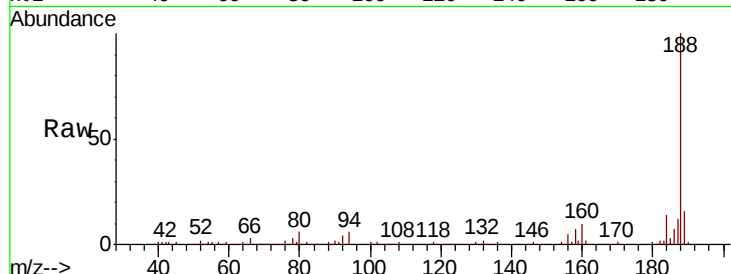
ClientSampleId :

TRE-COMP-1

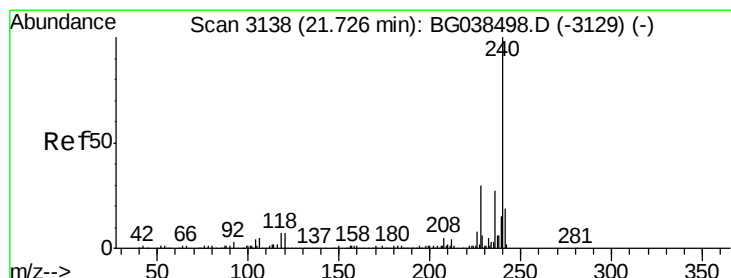
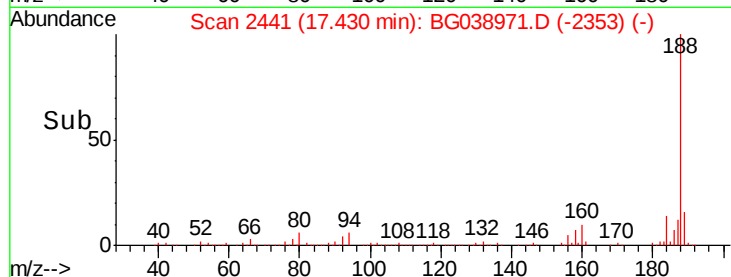
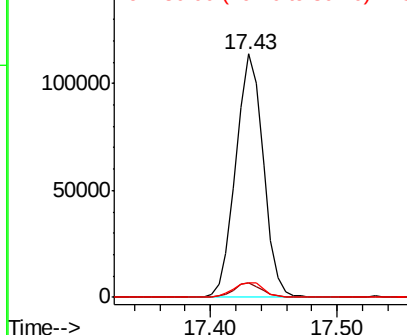
Tot Ion:	188	Resp:	171310
Ion Ratio	Lower	Upper	
188	100		
94	6.0	5.1	7.7
80	6.1	6.1	9.1

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO



#76

Chrysene-d12

Concen: 20.000 ng

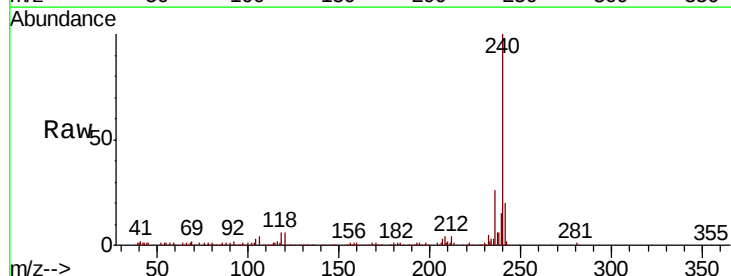
RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

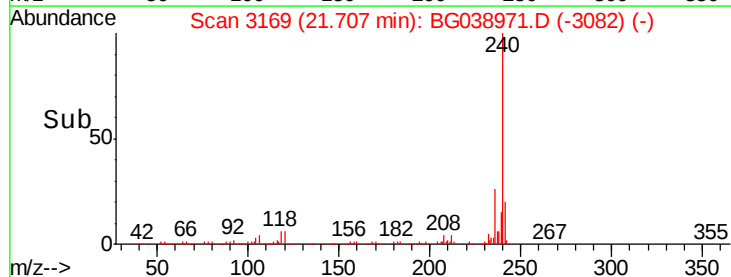
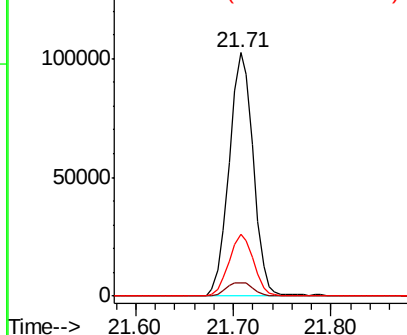
Lab File: BG038971.D

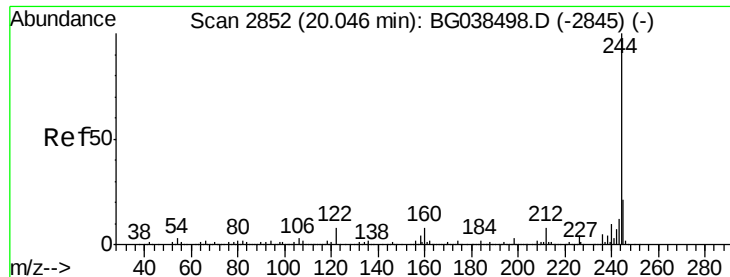
Acq: 7 Jan 2019 17:54

Tgt Ion:	240	Resp:	176244
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.3	7.9
236	25.5	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: 84.701 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038971.D

Acq: 7 Jan 2019 17:54

Instrument :

BNA_G

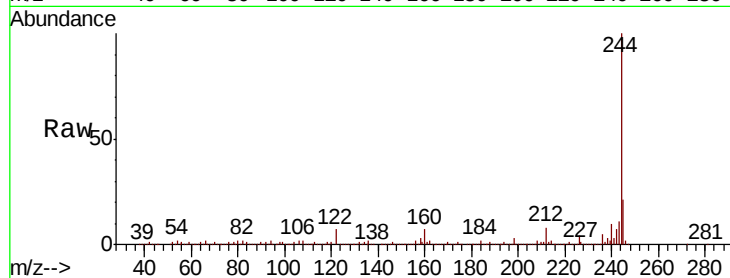
ClientSampleId :

TRE-COMP-1

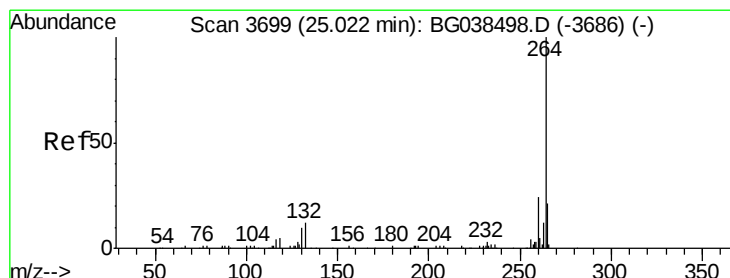
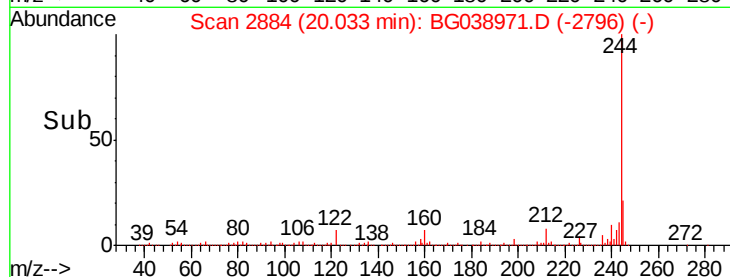
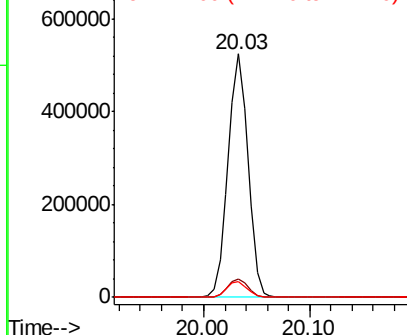
Tot Ion:	244	Resp:	685924
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	6.6	6.3	9.5

Manual Integrations
APPROVED

Sohil
1/8/2019 4:49:13 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

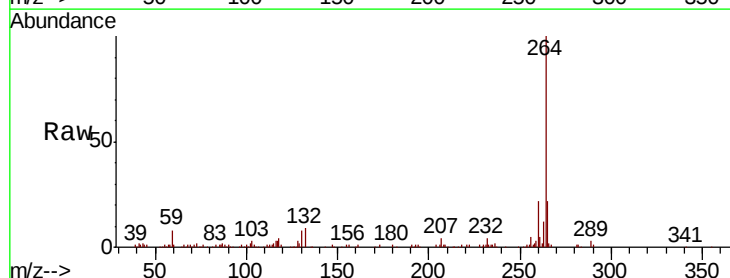
RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038971.D

Acq: 7 Jan 2019 17:54

Tgt Ion:	264	Resp:	190224
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.9	28.3
265	22.2	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

