

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031534.D
 Acq On : 13 Dec 2017 19:07
 Operator : SJ/JU
 Sample : I6786-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:47:58 PM

Quant Time: Dec 13 19:42:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42008	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	205452	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	155173	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	412824	20.00	ng	0.00
75) Chrysene-d12	21.74	240	477112	20.00	ng	0.00
86) Perylene-d12	25.03	264	468325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	20264	8.55	ng	0.01
7) Phenol-d6	7.29	99	18730	5.69	ng	0.02
23) Nitrobenzene-d5	9.28	82	46102	13.83	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	29307	16.12	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	163134	15.43	ng	0.00
78) Terphenyl-d14	20.06	244	334444	15.95	ng	0.00
Target Compounds						
6) Aniline	7.44	93	9501	2.193	ng	94
10) Phenol	7.34	94	7649	2.263	ng	81
17) 2-Methylphenol	8.58	107	8772	3.807	ng	# 91
20) 3+4-Methylphenols	8.90	107	21449	6.250	ng	96
27) 2,4-Dimethylphenol	10.10	122	49728m	19.382	ng	
31) Naphthalene	10.97	128	509732	50.502	ng	99
72) Carbazole	17.88	167	97603	5.058	ng	98

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

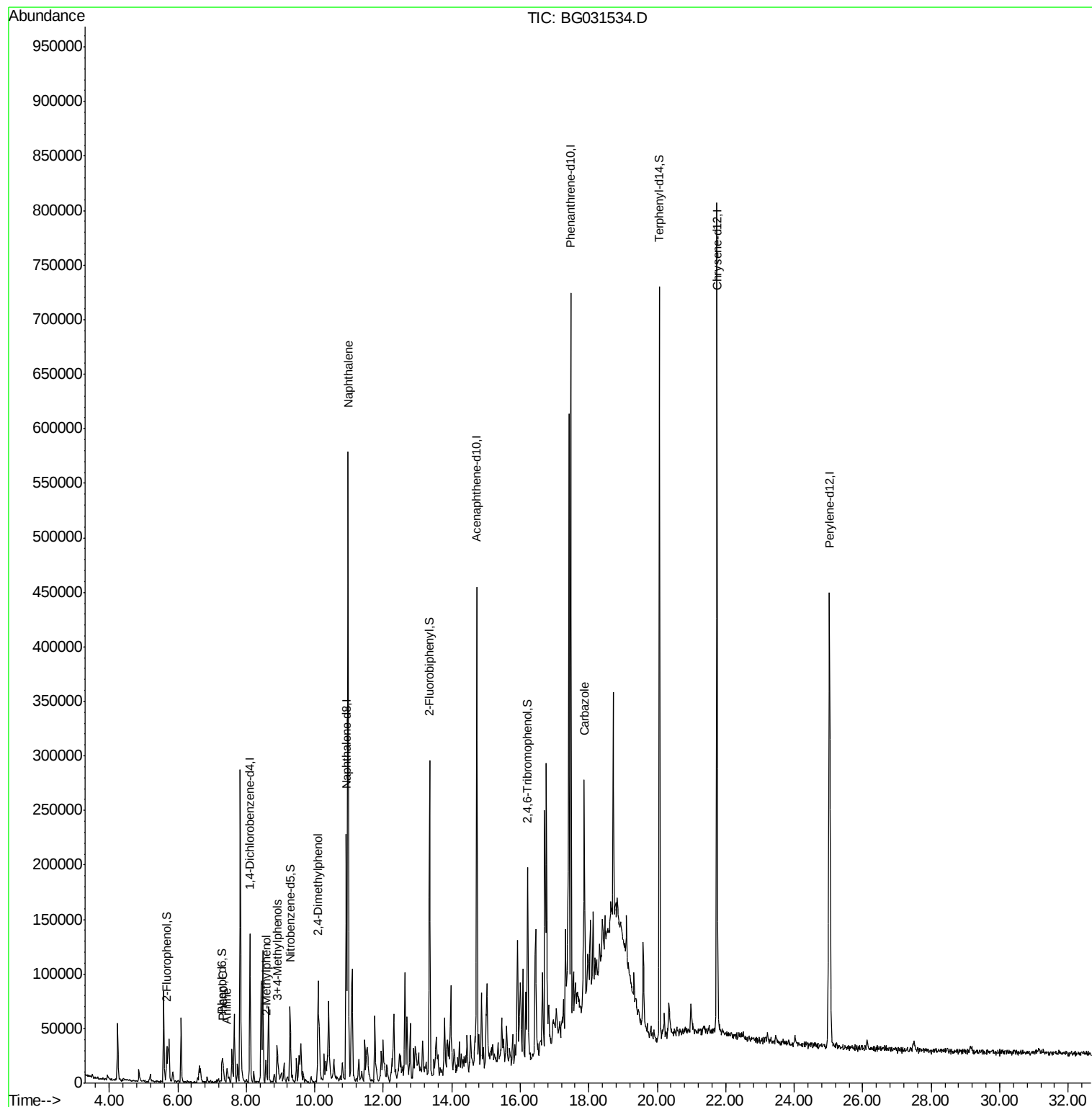
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

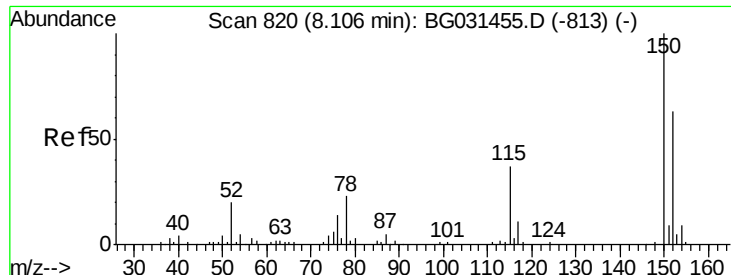
Instrument :
BNA_G
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QNWP8-MW26S-GWDL

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Quant Time: Dec 13 19:42:36 2017
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#1

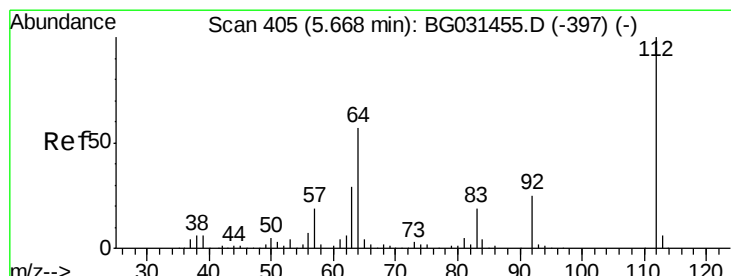
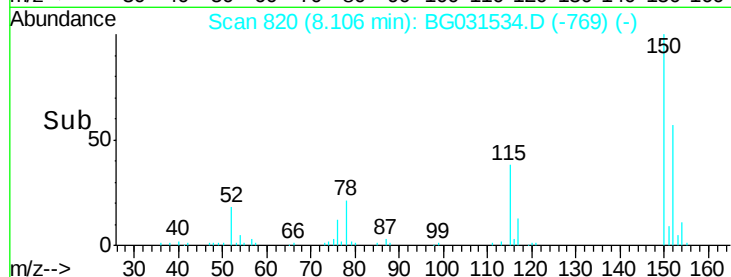
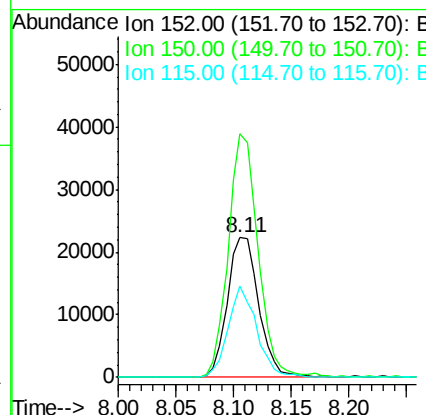
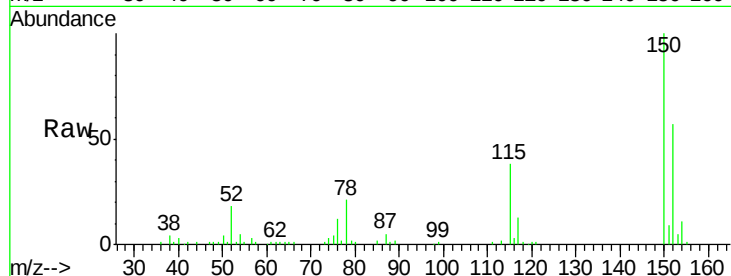
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031534.D
Acq: 13 Dec 2017 19:07

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.8	126.6	189.8
115	65.9	53.0	79.4

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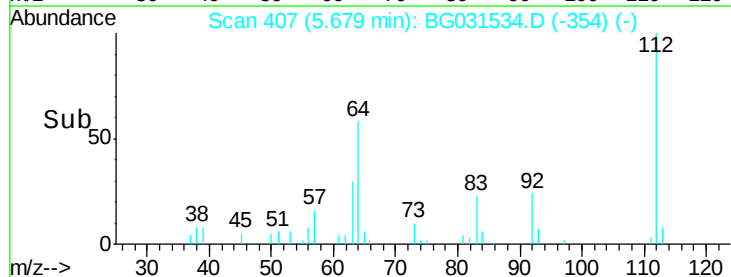
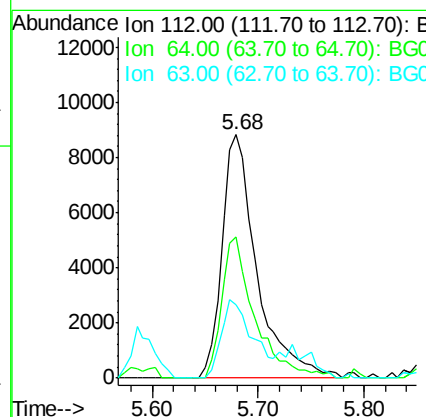
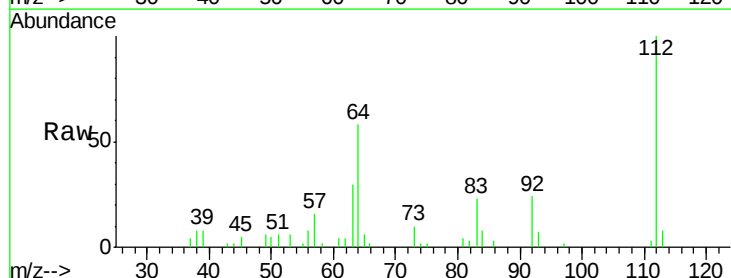
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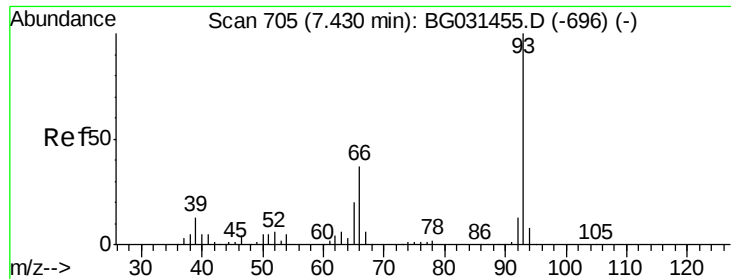


#5

2-Fluorophenol
Concen: 8.550 ng
RT: 5.68 min Scan# 407
Delta R.T. 0.01 min
Lab File: BG031534.D
Acq: 13 Dec 2017 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	56.3	84.5
63	30.1	30.1	45.1





#6

Aniline

Concen: 2.193 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Instrument :

BNA_G

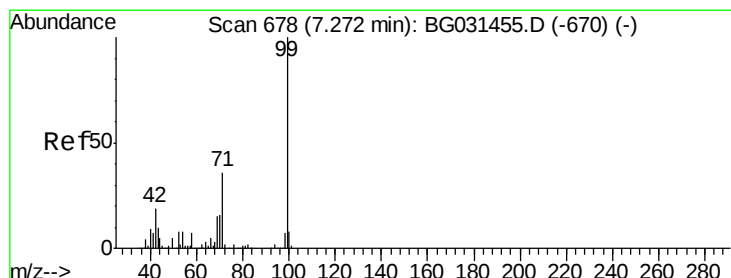
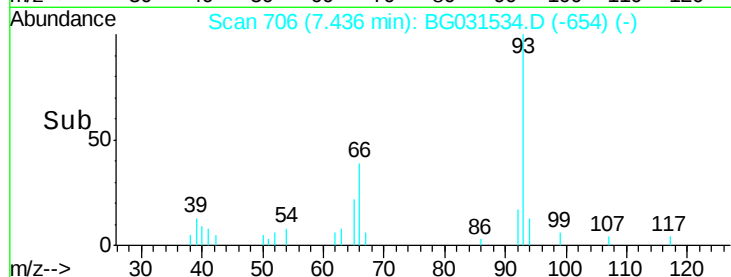
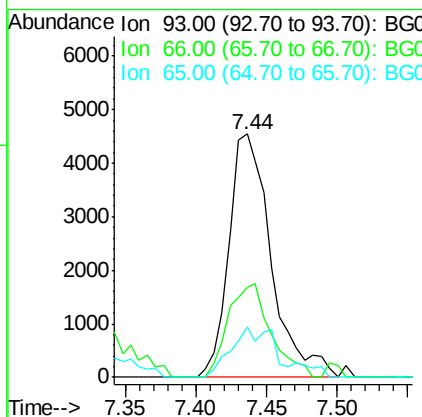
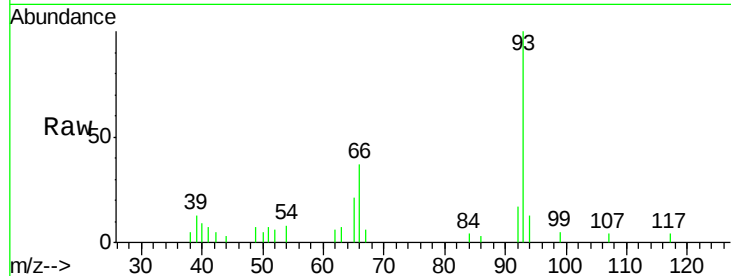
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	93	Resp:	9501
Ion	Ratio	Lower	Upper
93	100		
66	36.9	33.7	50.5
65	20.7	16.1	24.1

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#7

Phenol-d6

Concen: 5.693 ng

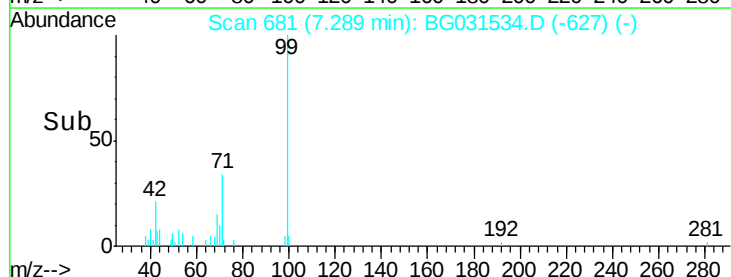
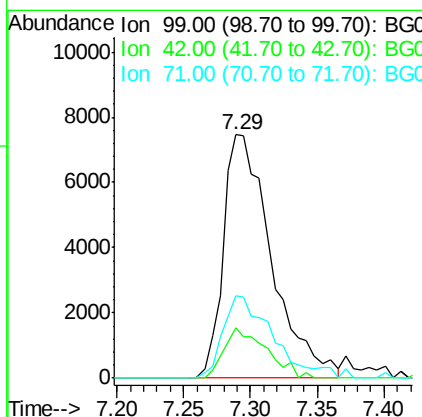
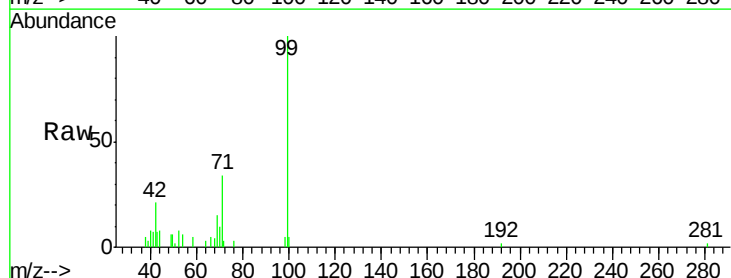
RT: 7.29 min Scan# 681

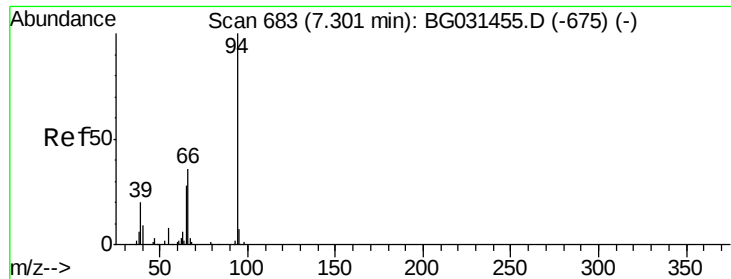
Delta R.T. 0.02 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Tgt Ion:	99	Resp:	18730
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	33.9	26.1	39.1





#10

Phenol

Concen: 2.263 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.03 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Instrument :

BNA_G

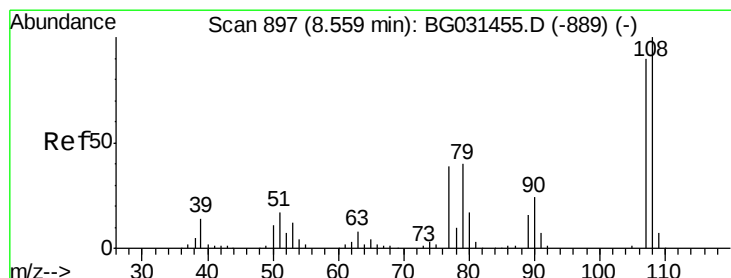
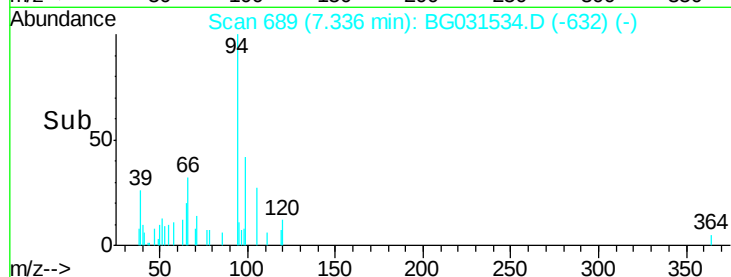
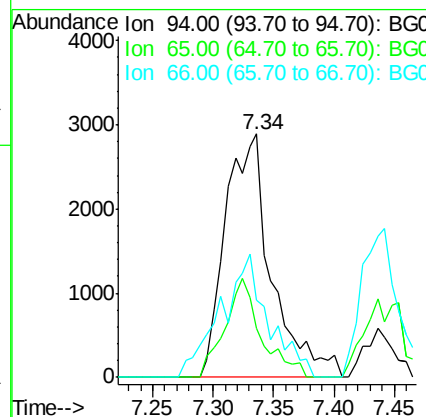
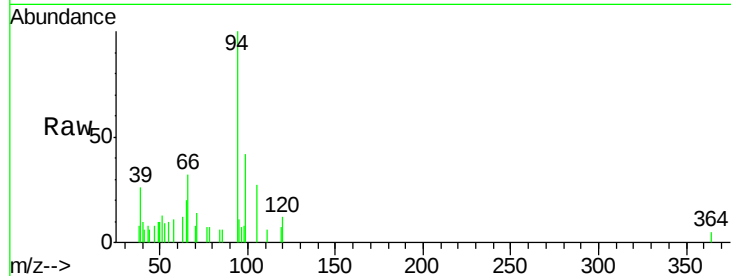
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	94	Resp:	7649
Ion	Ratio	Lower	Upper
94	100		
65	19.9	11.9	51.9
66	31.5	22.2	62.2

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#17

2-Methylphenol

Concen: 3.807 ng

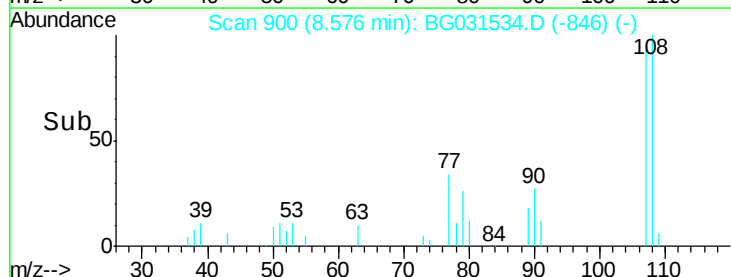
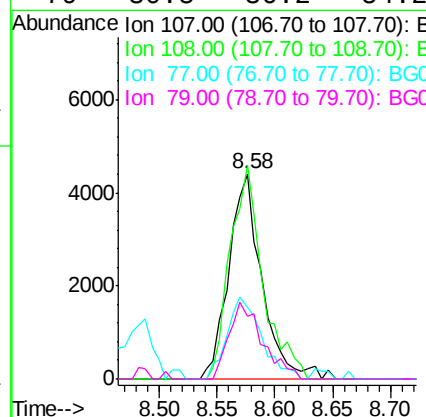
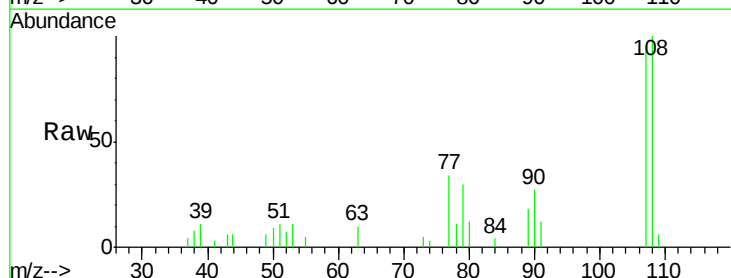
RT: 8.58 min Scan# 900

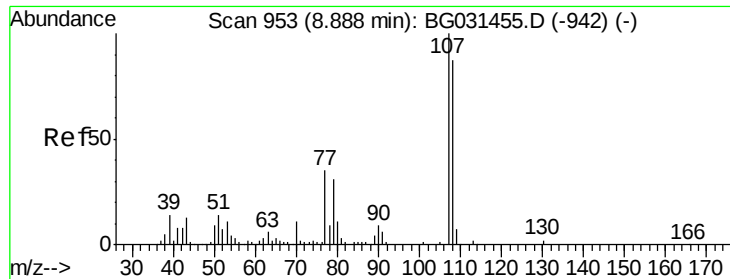
Delta R.T. 0.02 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Tgt Ion:	107	Resp:	8772
Ion	Ratio	Lower	Upper
107	100		
108	104.2	83.9	125.9
77	35.2	37.2	55.8#
79	30.8	36.2	54.2#





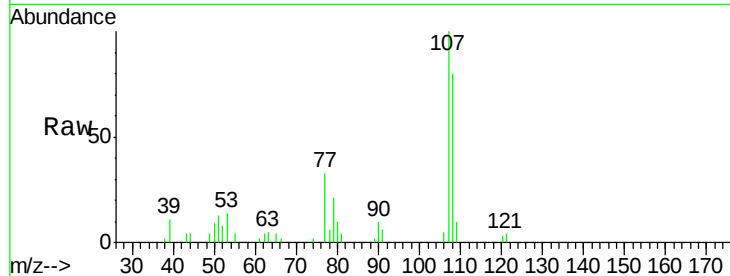
#20
3+4-Methylphenols
Concen: 6.250 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.01 min
Lab File: BG031534.D
Acq: 13 Dec 2017 19:07

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:	107	Resp:	21449
Ion	Ratio	Lower	Upper
107	100		
108	79.8	61.6	101.6
77	32.9	13.9	53.9
79	21.3	8.8	48.8

Manual Integrations
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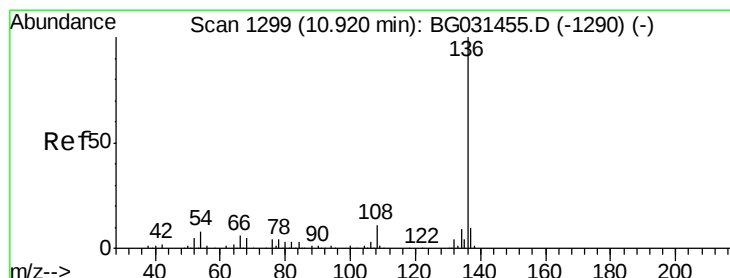
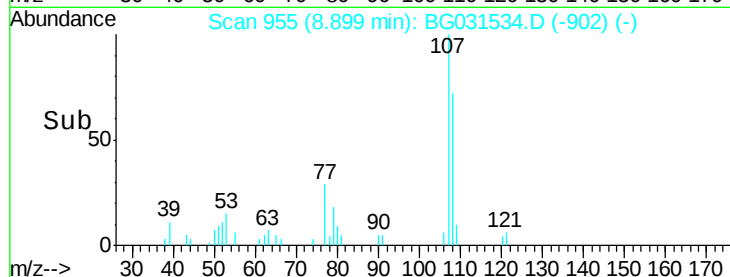
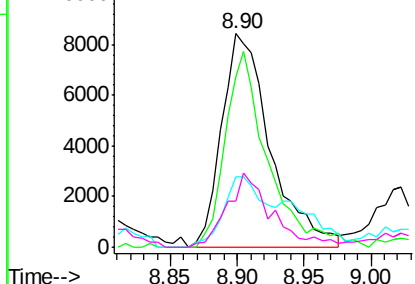
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031534.D
Acq: 13 Dec 2017 19:07

Tgt Ion:	136	Resp:	205452
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7

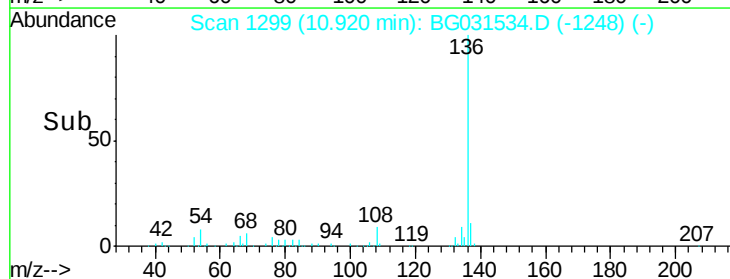
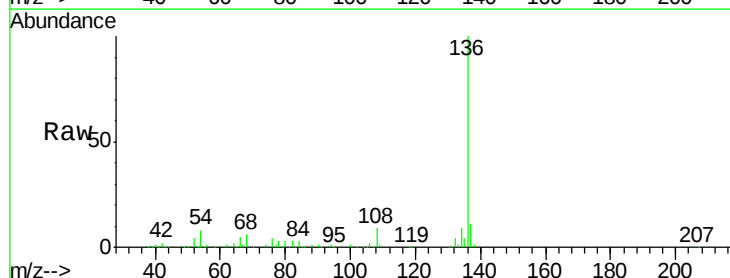
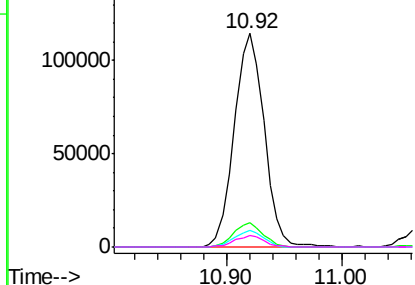
Abundance

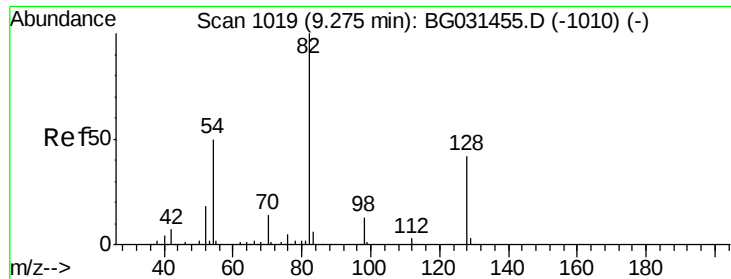
Ion 136.00 (135.70 to 136.70): E

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





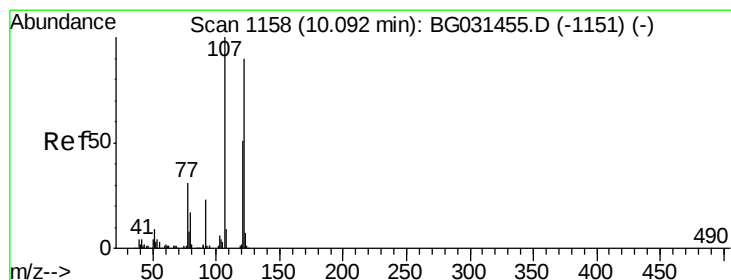
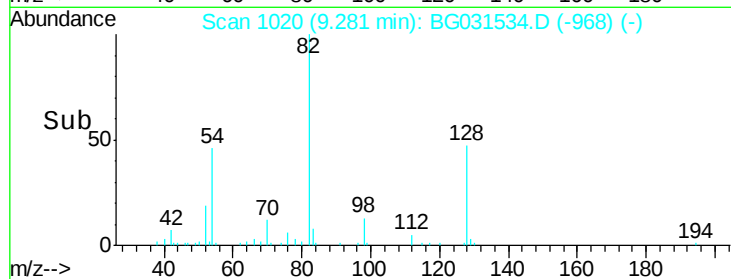
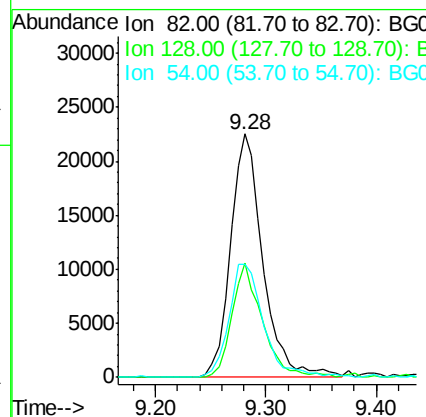
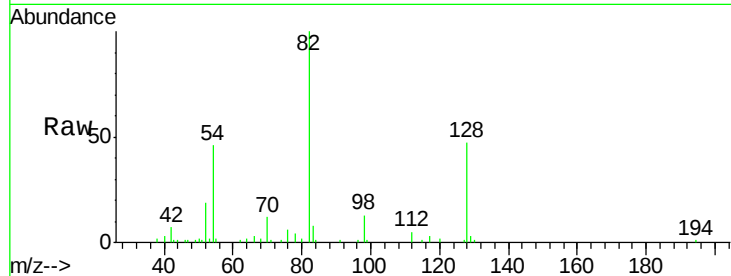
#23
 Nitrobenzene-d5
 Concen: 13.831 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031534.D
 Acq: 13 Dec 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	46.4	43.1	64.7

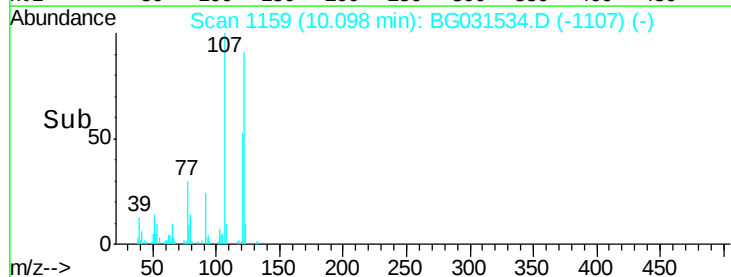
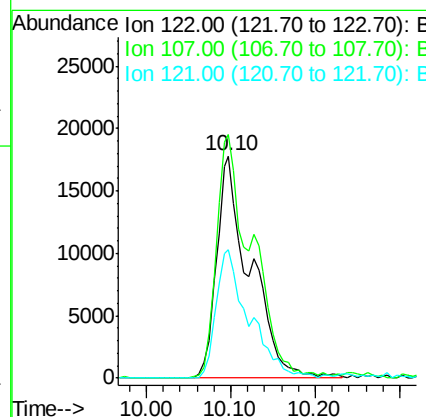
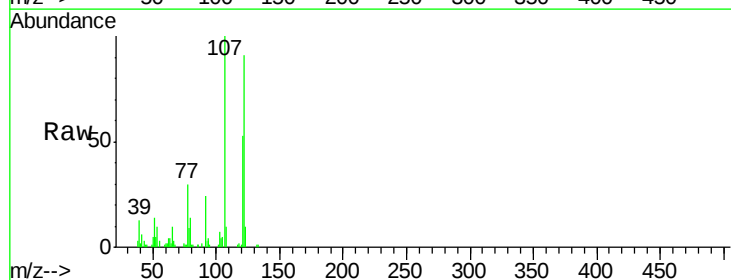
Manual Integrations
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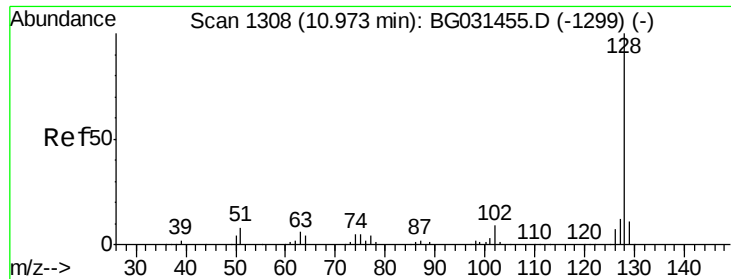
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#27
 2,4-Dimethylphenol
 Concen: 19.382 ng m
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BG031534.D
 Acq: 13 Dec 2017 19:07

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.8	100.2	150.2
121	58.1	44.4	66.6





#31

Naphthalene

Concen: 50.502 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Instrument :

BNA_G

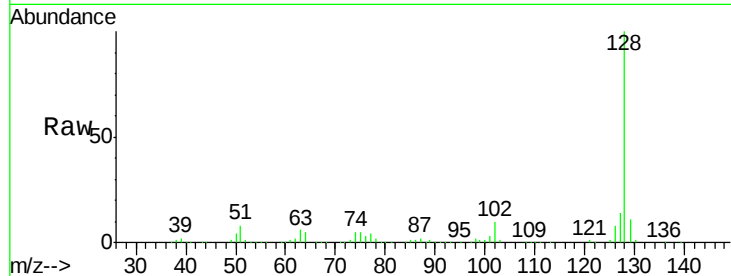
ClientSampleId :

QNWP8-MW26S-GWDL

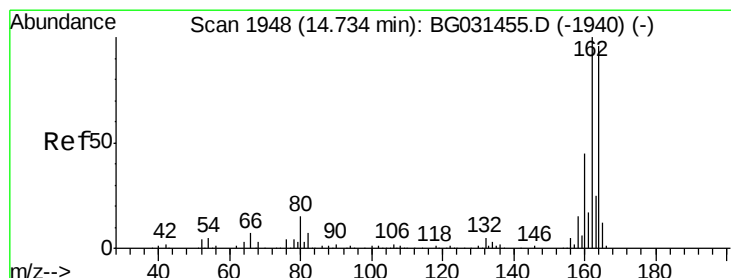
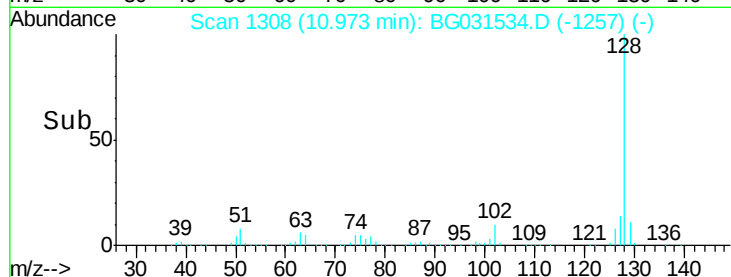
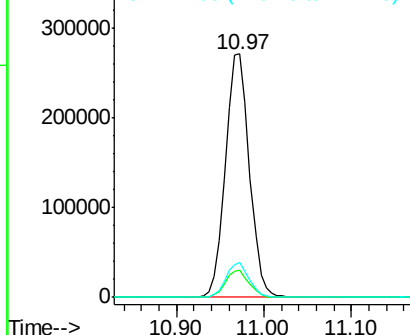
Tot Ion:	128	Resp:	509732
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	14.3	11.6	17.4

Manual Integrations
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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



#38

Acenaphthene-d10

Concen: 20.000 ng

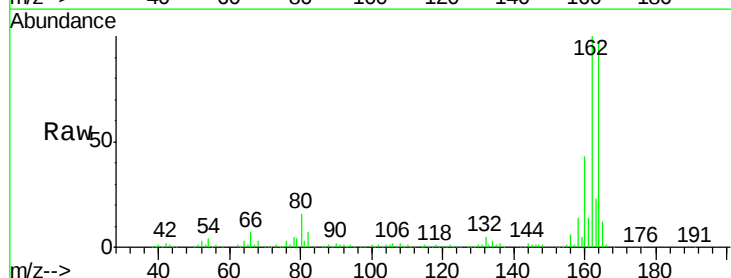
RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

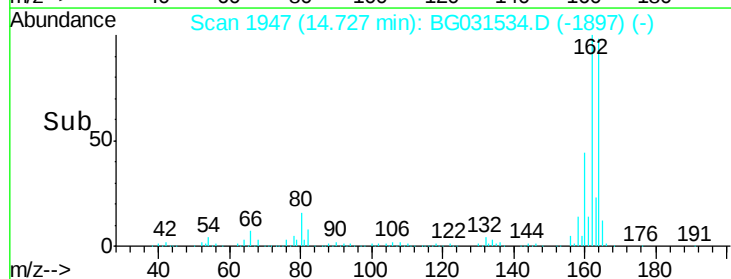
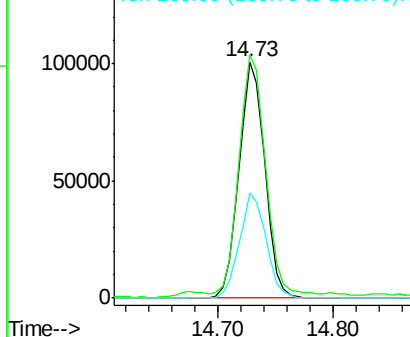
Lab File: BG031534.D

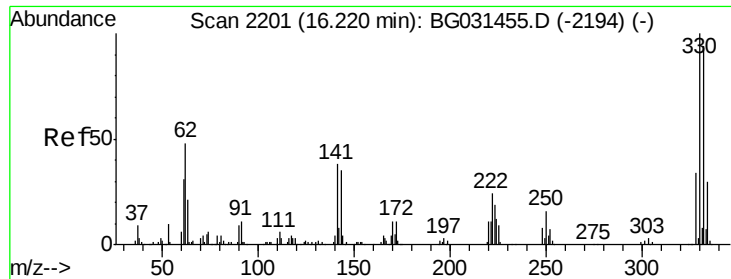
Acq: 13 Dec 2017 19:07

Tgt Ion:	164	Resp:	155173
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.8	118.2
160	44.7	35.4	53.0



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





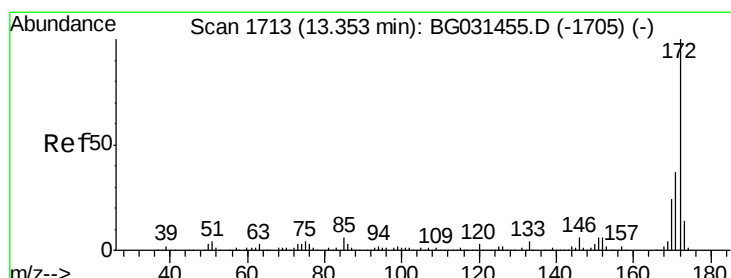
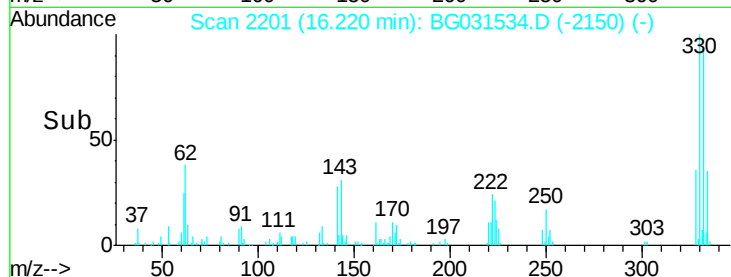
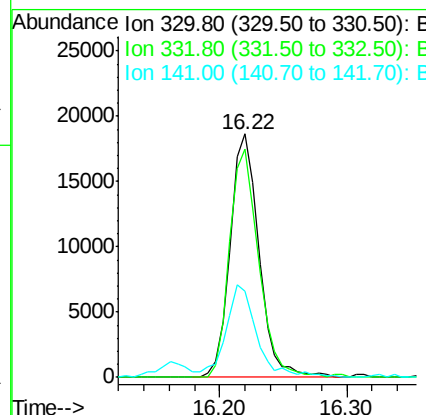
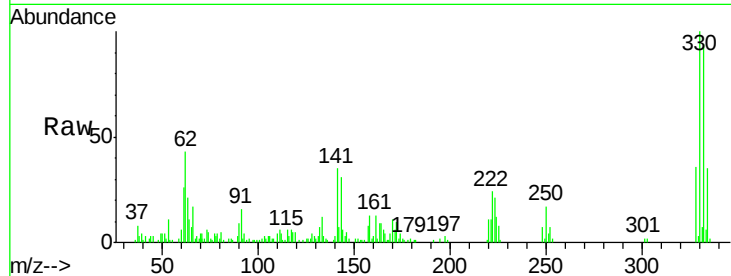
#41
 2,4,6-Tribromophenol
 Concen: 16.121 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031534.D
 Acq: 13 Dec 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	40.8	25.2	37.8

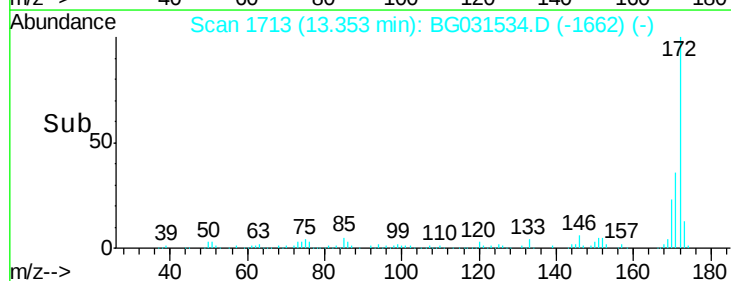
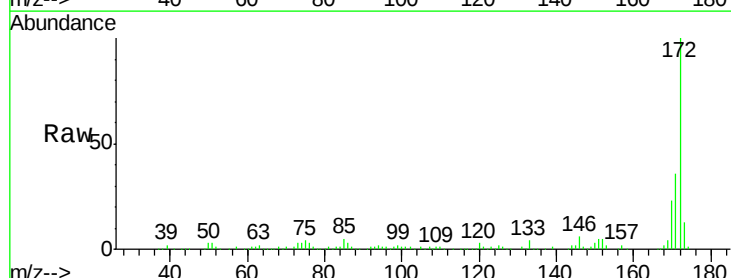
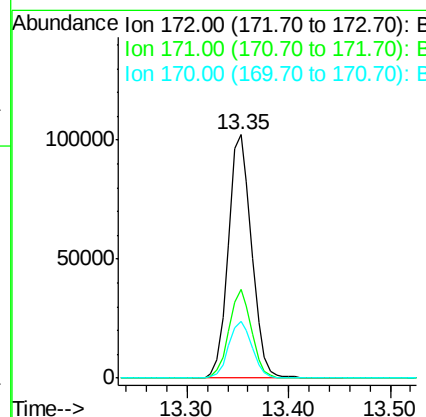
Manual Integrations
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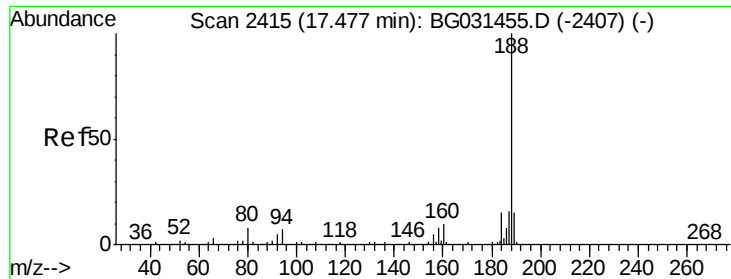
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 15.432 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031534.D
 Acq: 13 Dec 2017 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Instrument :

BNA_G

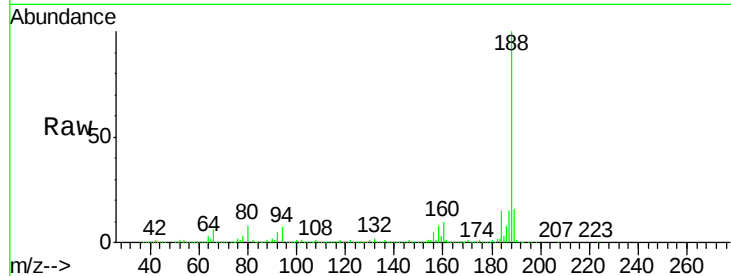
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	188	Resp:	412824
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.9	10.3#
80	8.5	7.7	11.5

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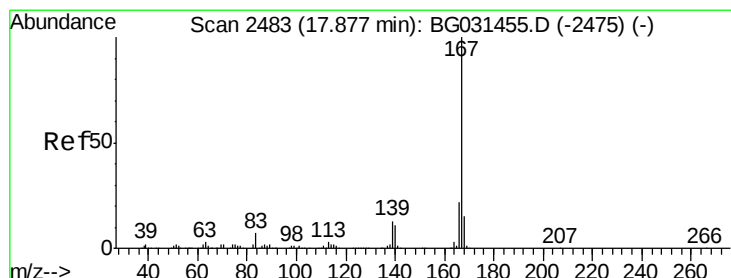
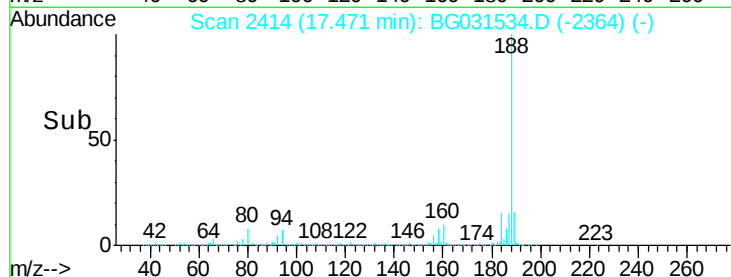
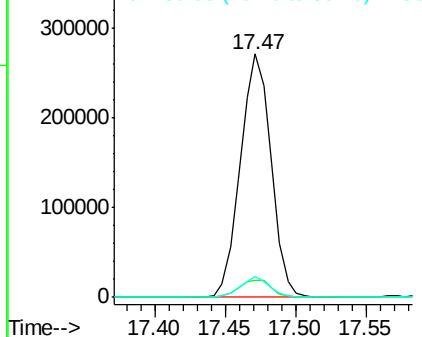
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#72

Carbazole

Concen: 5.058 ng

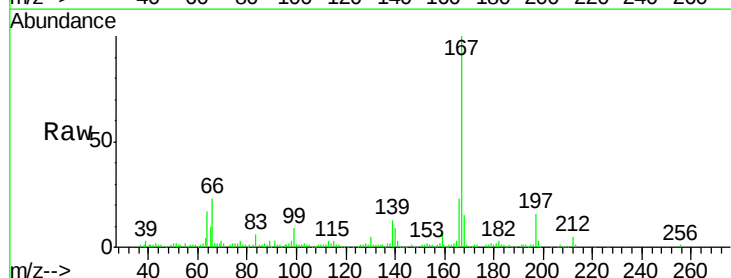
RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

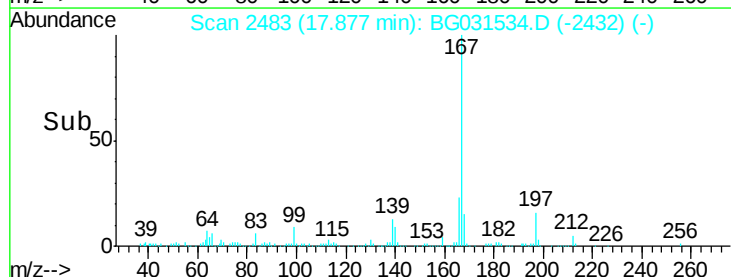
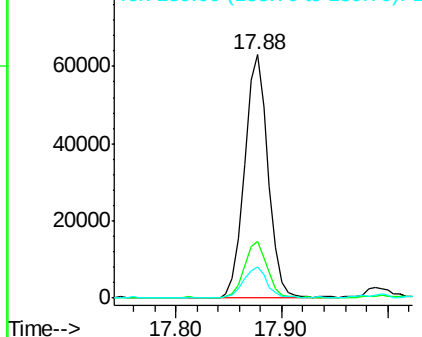
Tgt Ion:	167	Resp:	97603
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.2	27.4
139	12.9	9.4	14.2

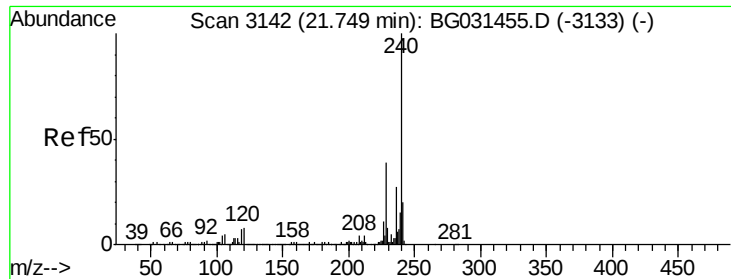


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

Instrument :

BNA_G

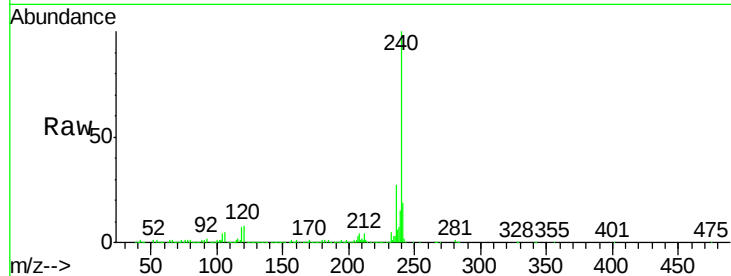
ClientSampleId :

QNWP8-MW26S-GWDL

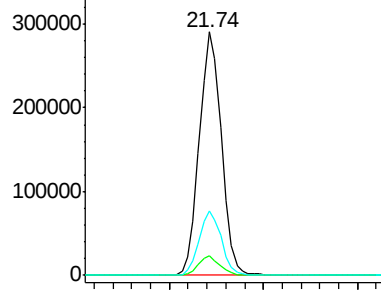
Tot Ion:	240	Resp:	477112
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	26.6	20.9	31.3

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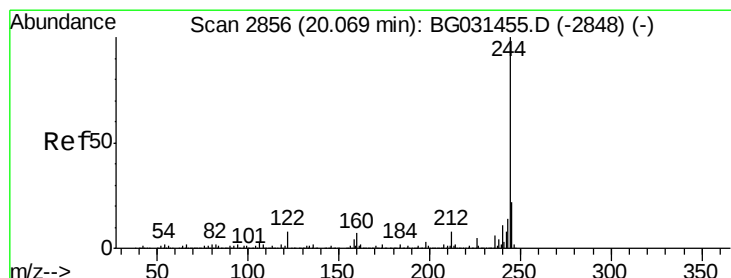
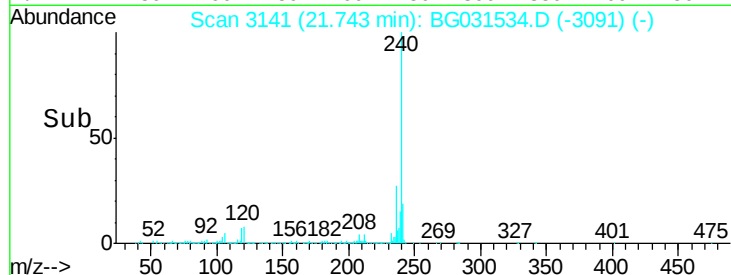
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 15.948 ng

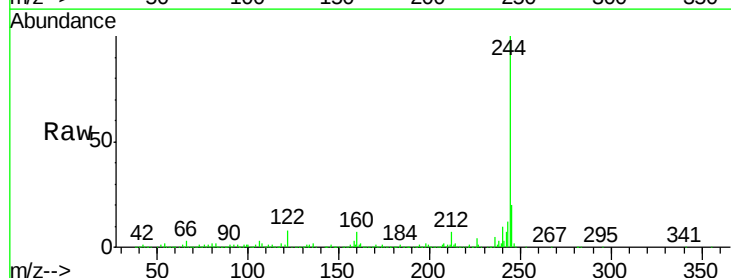
RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

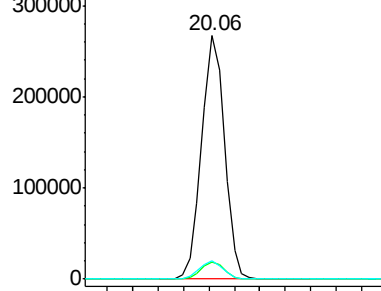
Lab File: BG031534.D

Acq: 13 Dec 2017 19:07

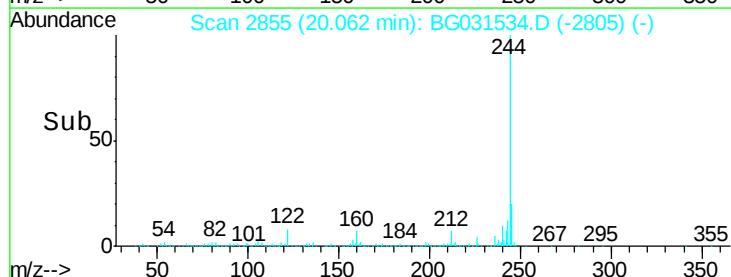
Tgt Ion:	244	Resp:	334444
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	7.6	7.0	10.4

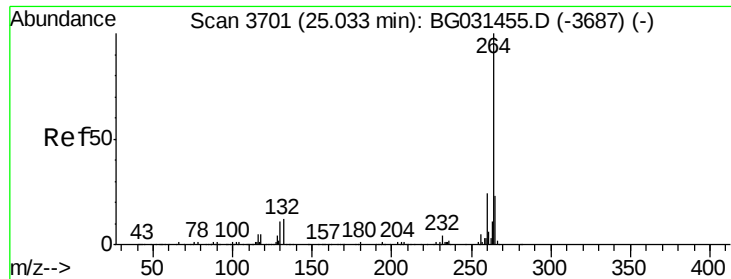


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031534.D
 Acq: 13 Dec 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	17.4	26.0		
265	20.7	17.7	26.5		

Manual Integrations
 APPROVED

Sohil
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