

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031531.D
 Acq On : 13 Dec 2017 17:14
 Operator : SJ/JU
 Sample : I6786-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW27S-GW

Manual Integrations
 APPROVED

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Quant Time: Dec 13 18:12:38 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	51035	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237081	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	177039	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	450528	20.00	ng	0.00
75) Chrysene-d12	21.74	240	513312	20.00	ng	0.00
86) Perylene-d12	25.03	264	513381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	187707	65.19	ng	0.00
7) Phenol-d6	7.28	99	181912	45.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	323384	84.07	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	248520	119.82	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1022066	84.74	ng	0.00
78) Terphenyl-d14	20.06	244	1765230	78.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.51	88	7248	5.276	ng	Qvalue # 81
10) Phenol	7.30	94	24436	5.951	ng	94
27) 2,4-Dimethylphenol	10.09	122	74462	25.150	ng	95
31) Naphthalene	10.97	128	394880	33.904	ng	97
59) Diethylphthalate	15.53	149	294001	20.011	ng	98
72) Carbazole	17.88	167	235656	11.190	ng	97

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

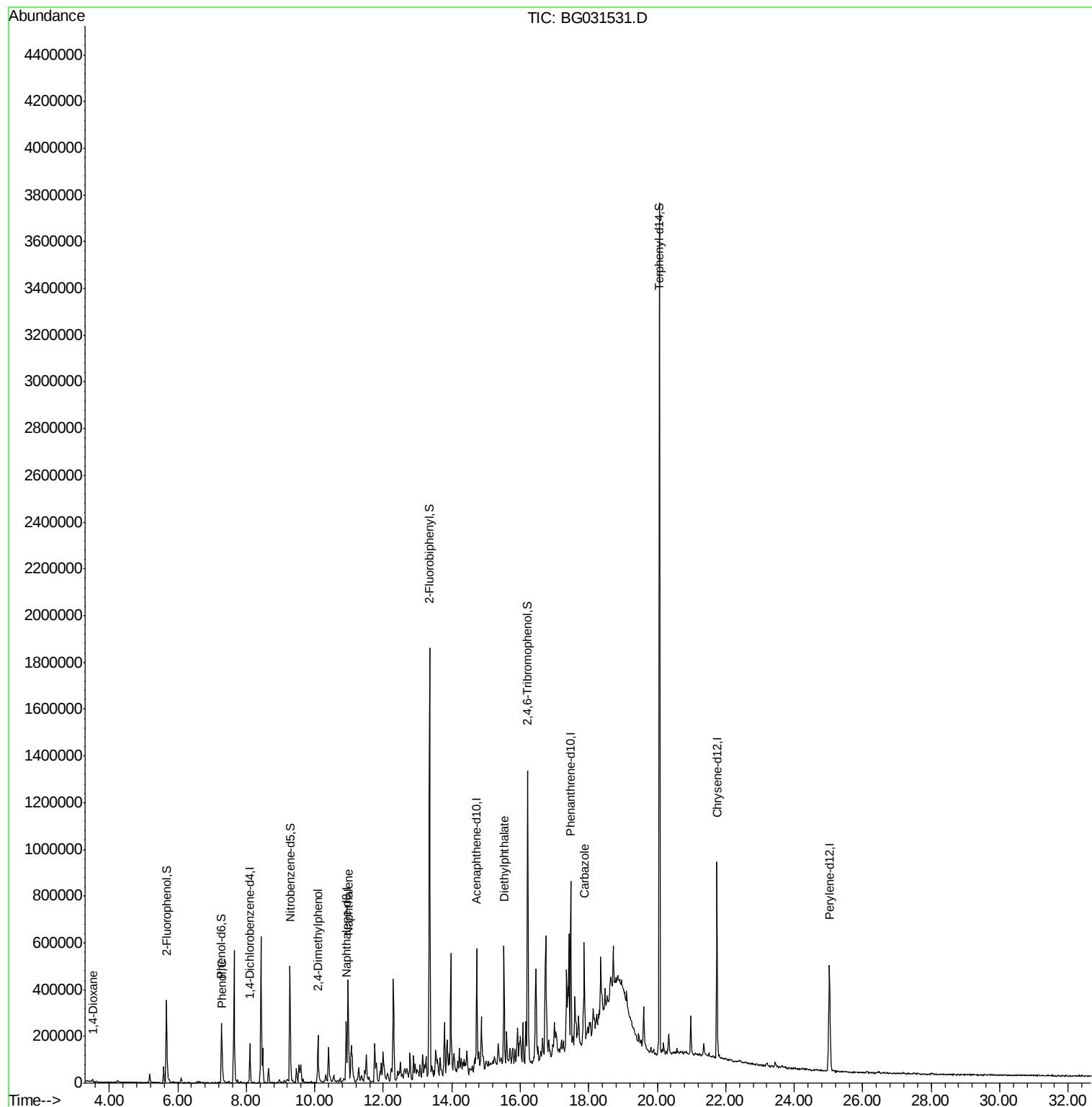
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031531.D
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Sample : I6786-02
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ALS Vial : 11 Sample Multiplier: 1

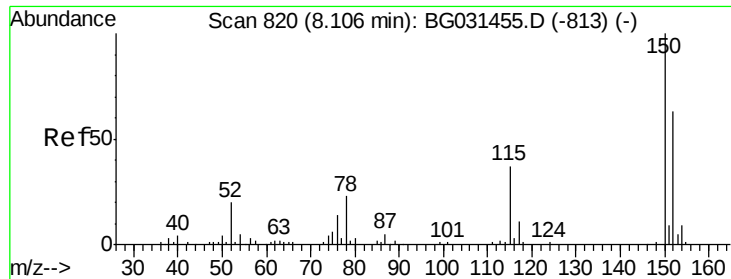
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

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Quant Time: Dec 13 18:12:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

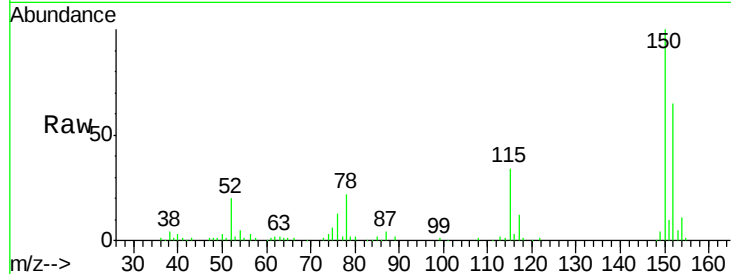
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

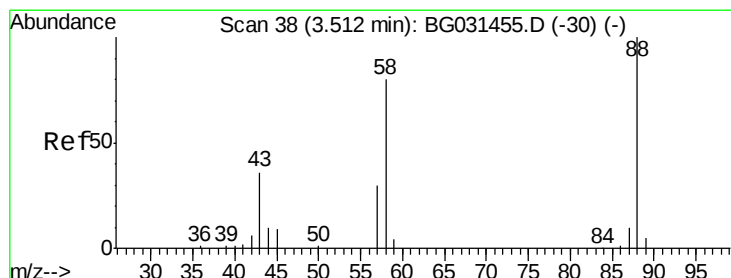
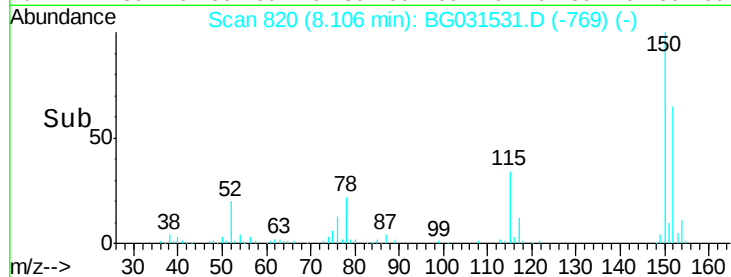
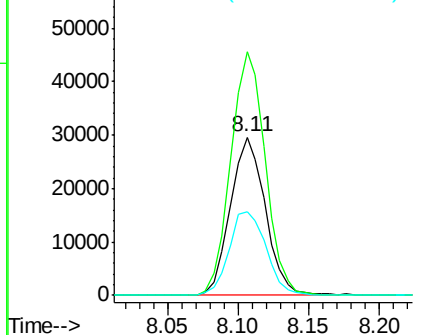
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	52.8	53.0	79.4

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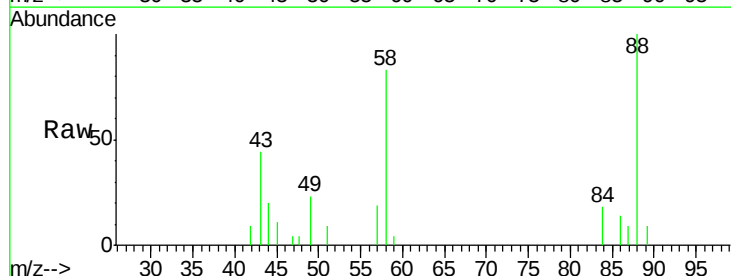
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



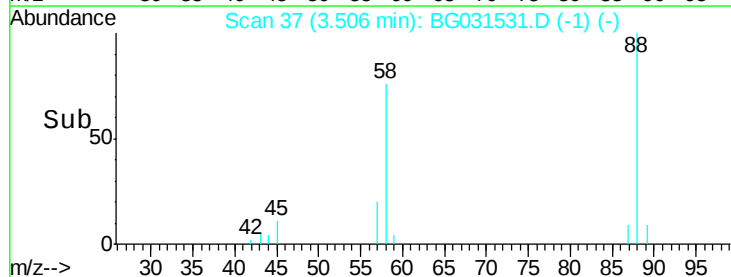
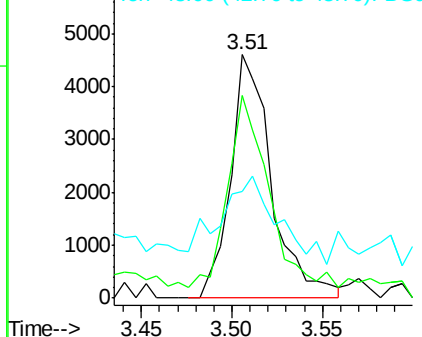
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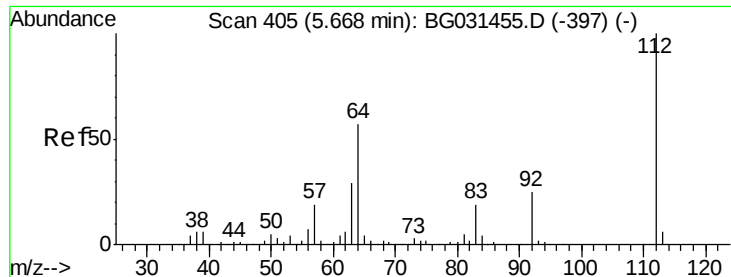
1,4-Dioxane
Concen: 5.276 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	79.6	119.4
43	38.8	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





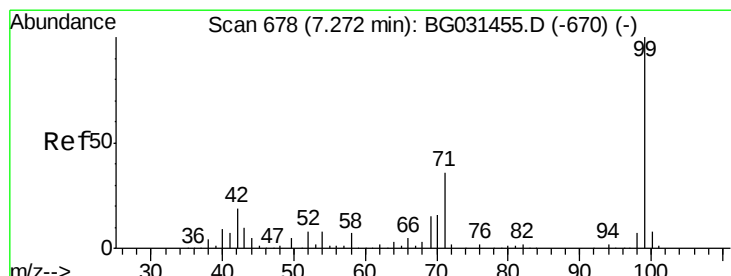
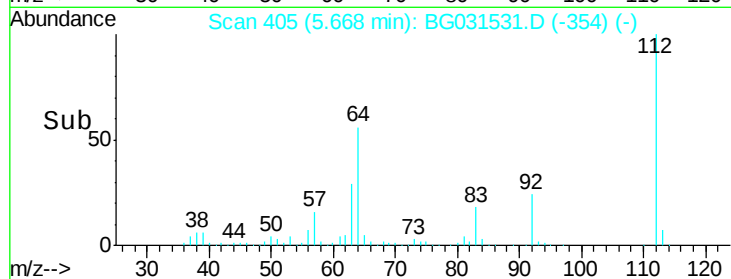
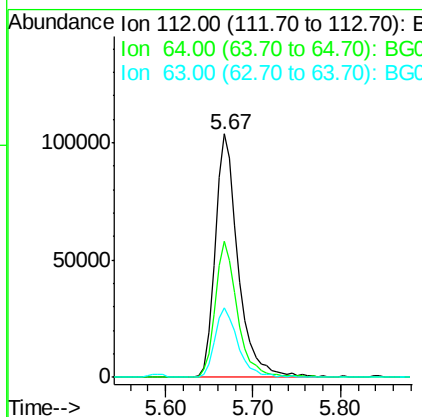
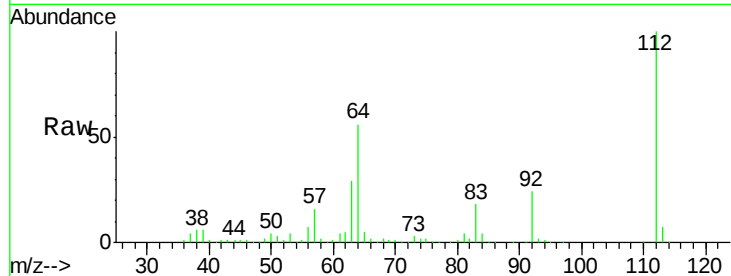
#5
 2-Fluorophenol
 Concen: 65.193 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031531.D
 Acq: 13 Dec 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW27S-GW

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	56.3	84.5#
63	28.8	30.1	45.1#

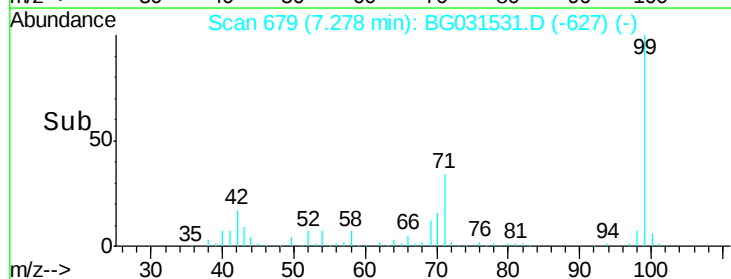
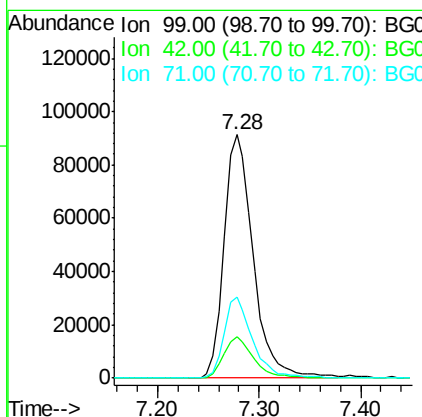
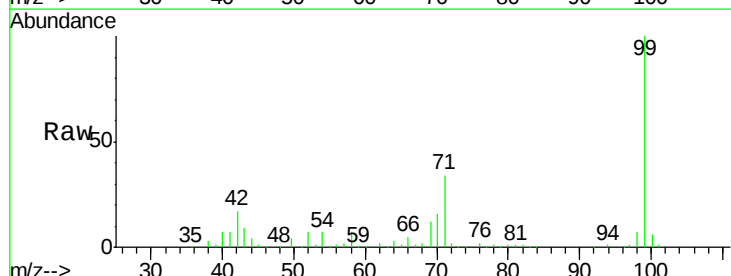
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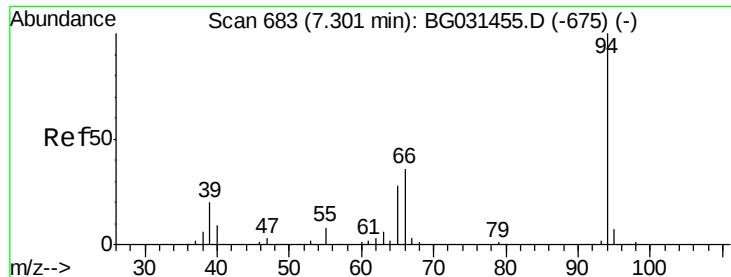
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#7
 Phenol-d6
 Concen: 45.512 ng
 RT: 7.28 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BG031531.D
 Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Resp Lower	Upper
99	100		
42	16.8	14.1	21.1
71	33.5	26.1	39.1





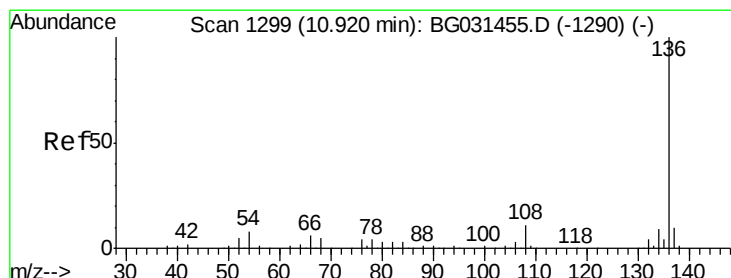
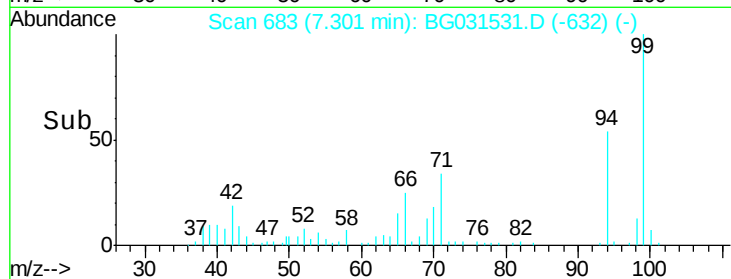
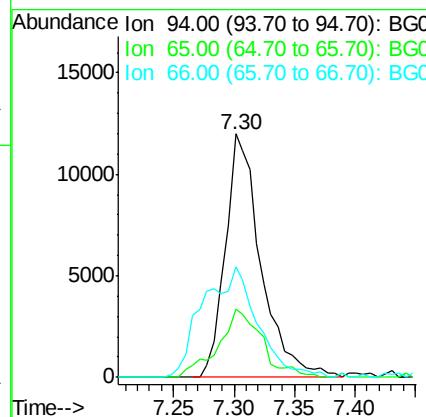
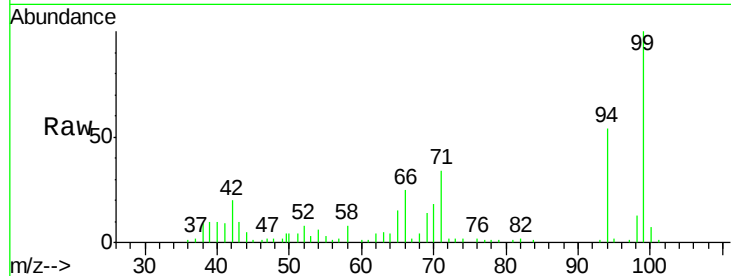
#10
Phenol
Concen: 5.951 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.9	51.9
66	45.3	22.2	62.2

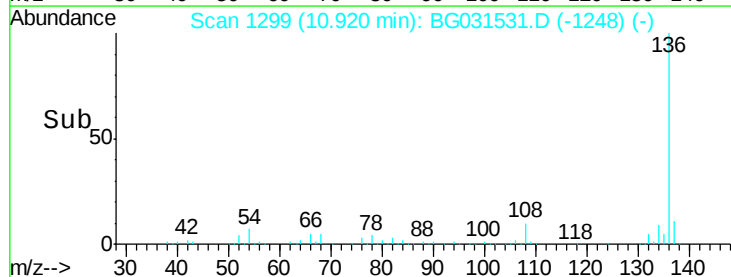
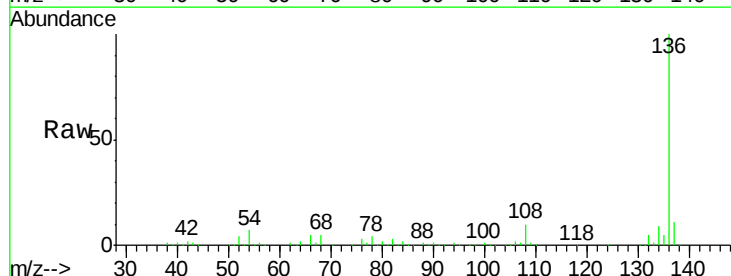
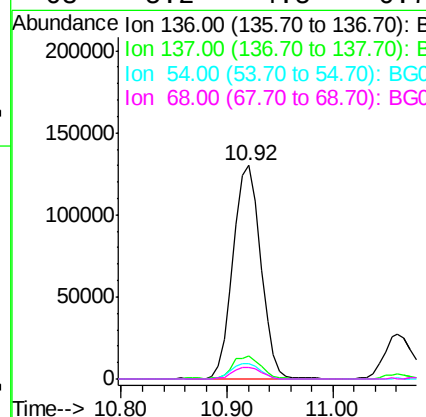
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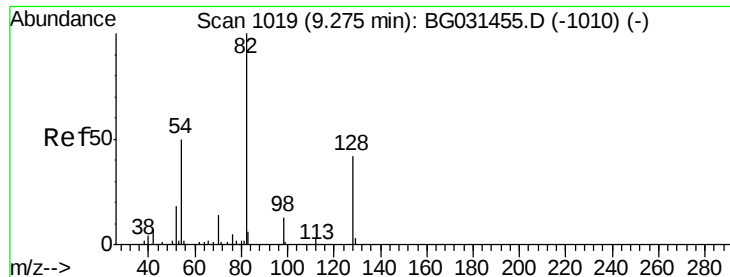
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.4	10.3	15.5
68	5.2	4.5	6.7





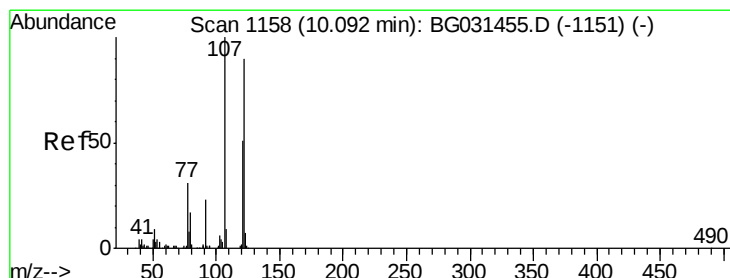
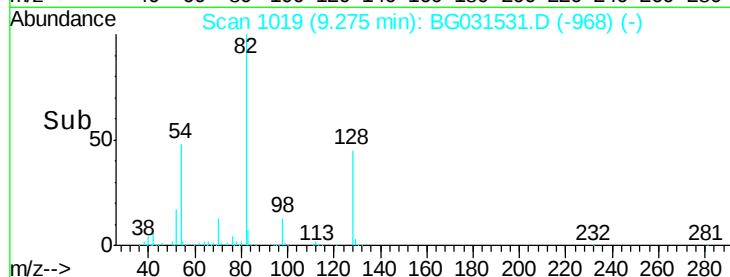
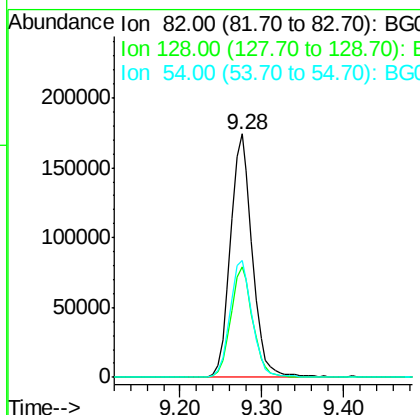
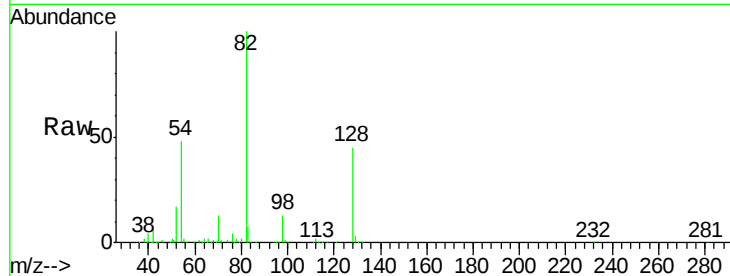
#23
Nitrobenzene-d5
Concen: 84.074 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	47.8	43.1	64.7

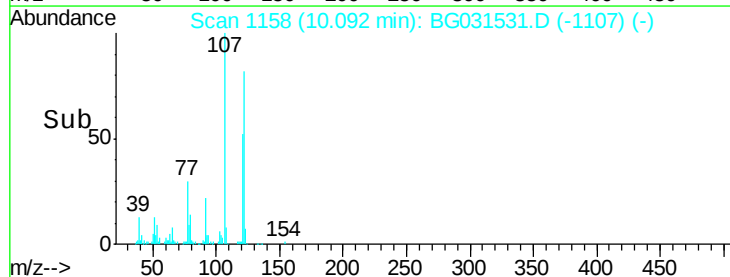
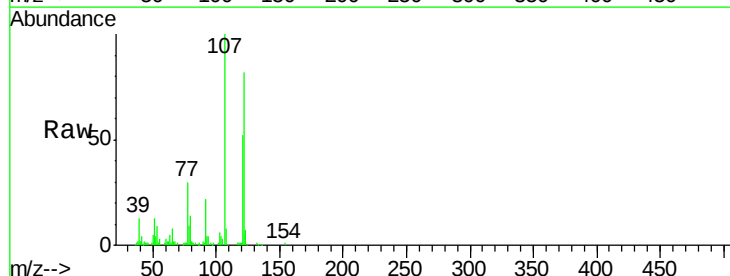
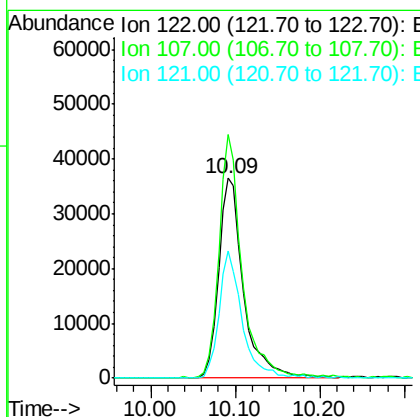
Manual Integrations
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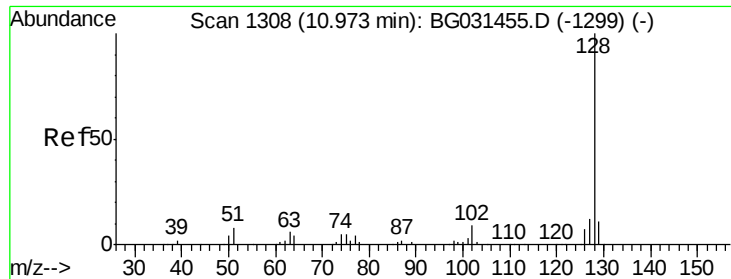
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#27
2,4-Dimethylphenol
Concen: 25.150 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.8	100.2	150.2
121	63.5	44.4	66.6





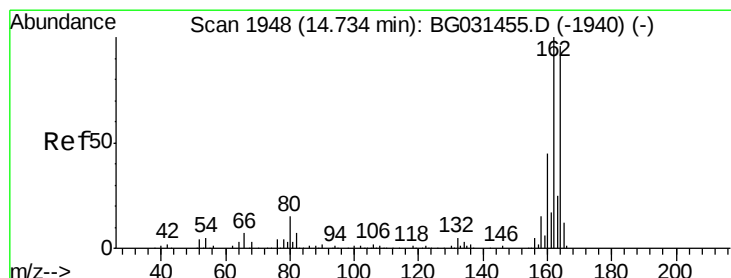
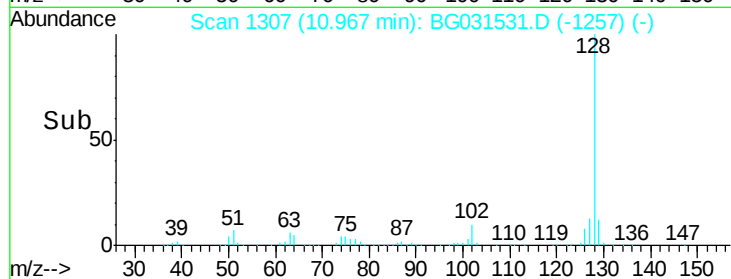
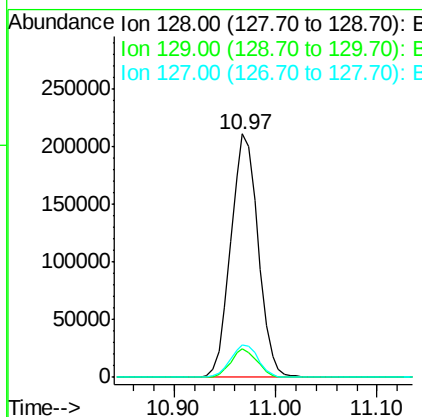
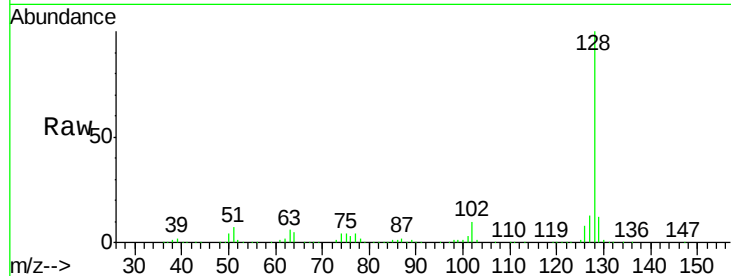
#31
Naphthalene
Concen: 33.904 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.1	11.6	17.4

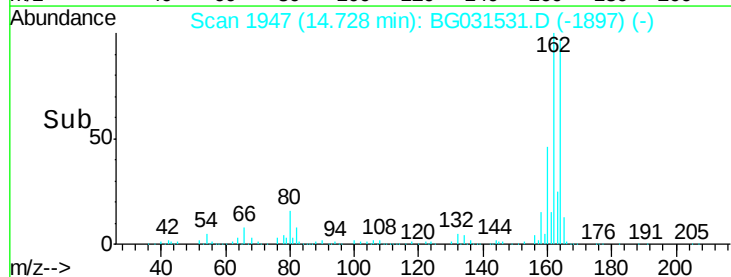
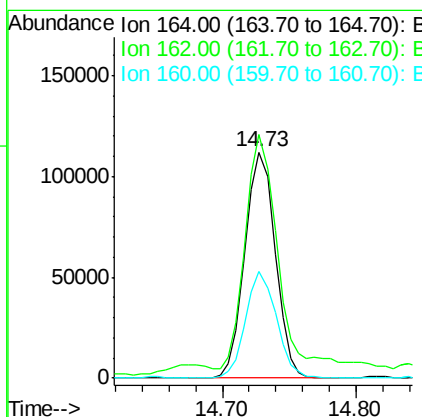
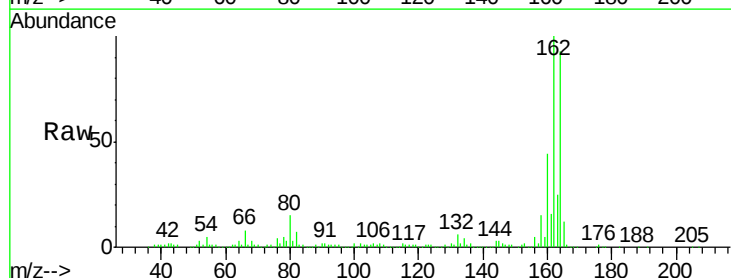
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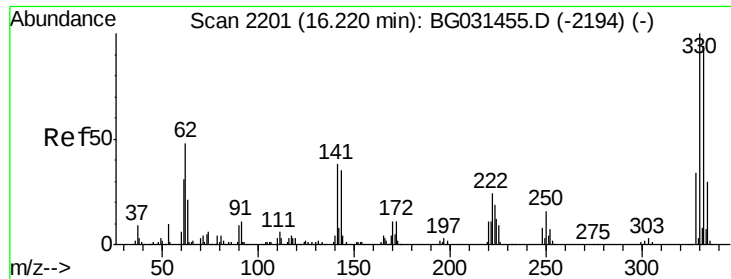
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	47.5	35.4	53.0





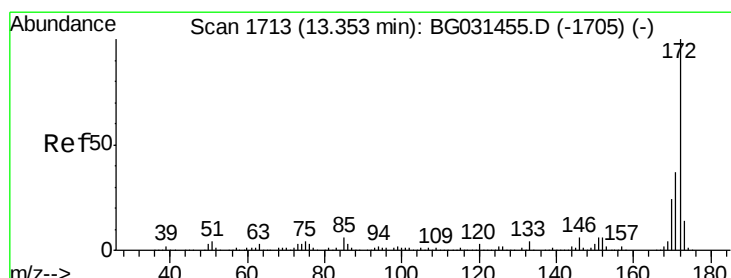
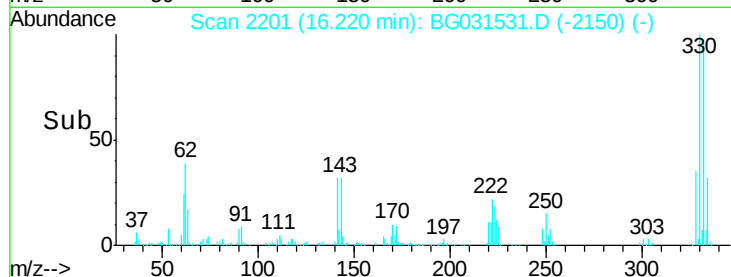
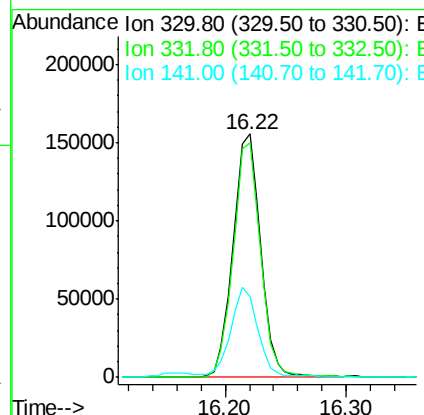
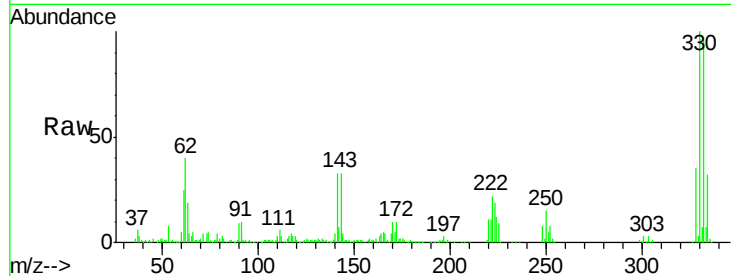
#41
 2,4,6-Tribromophenol
 Concen: 119.821 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031531.D
 Acq: 13 Dec 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW27S-GW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	248520		
332	95.8	77.0	115.6	
141	35.6	25.2	37.8	

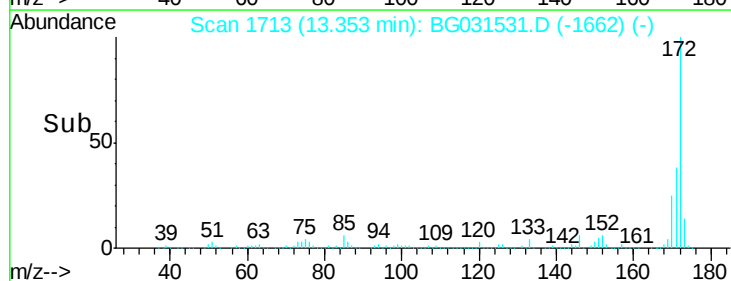
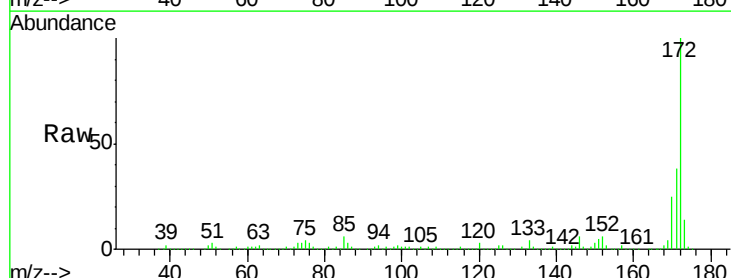
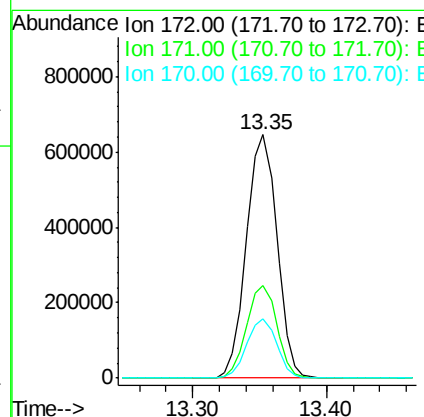
Manual Integrations
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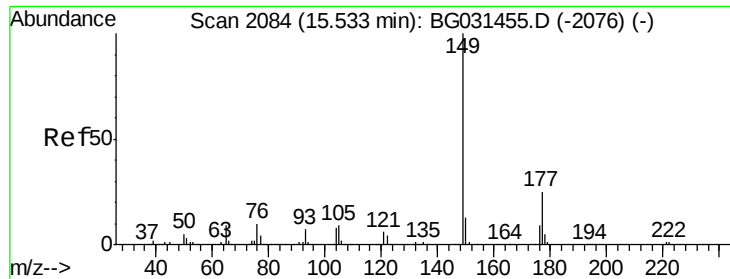
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#44
 2-Fluorobiphenyl
 Concen: 84.742 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031531.D
 Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1022066		
171	37.8	30.0	45.0	
170	24.5	19.5	29.3	





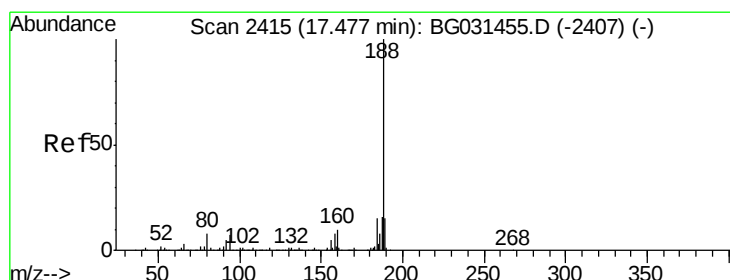
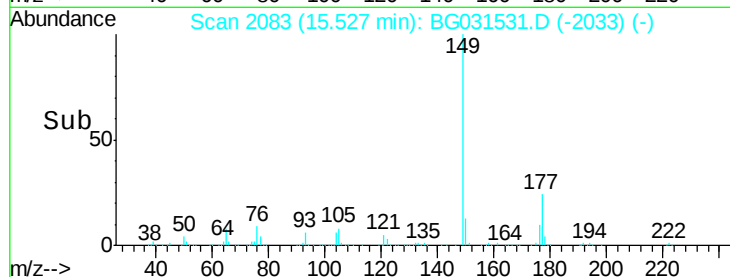
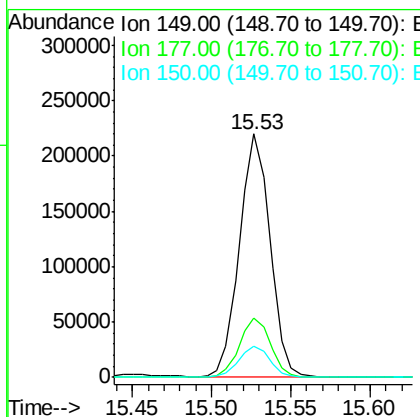
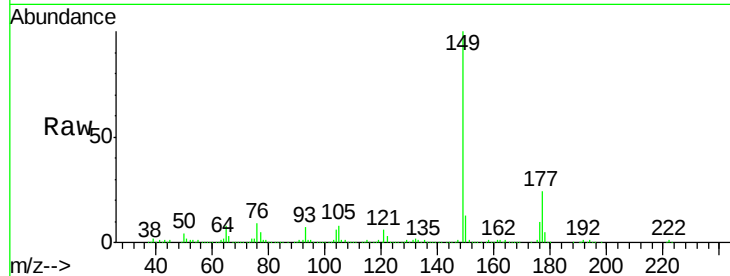
#59
Diethylphthalate
Concen: 20.011 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	13.0	10.2	15.2

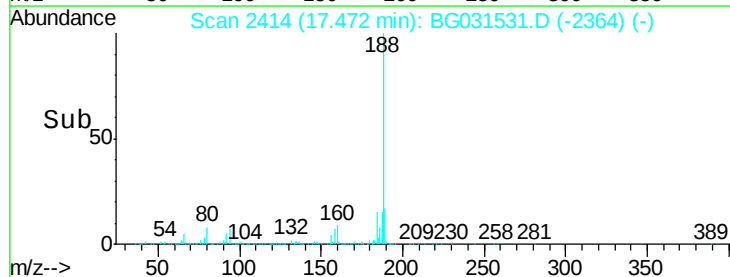
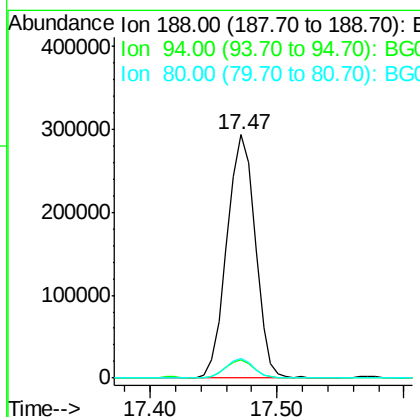
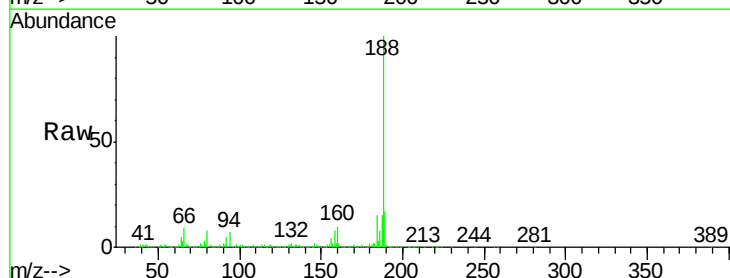
Manual Integrations
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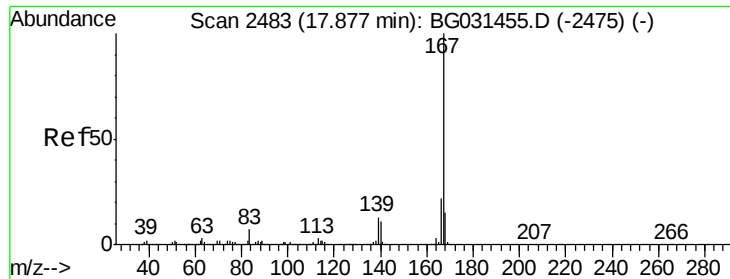
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.0	7.7	11.5





#72

Carbazole

Concen: 11.190 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG031531.D

Acq: 13 Dec 2017 17:14

Instrument :

BNA_G

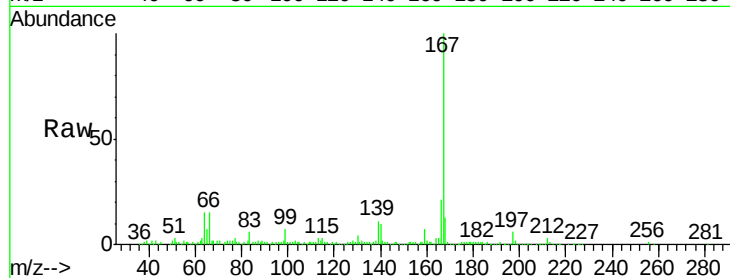
ClientSampleId :

QNWP8-MW27S-GW

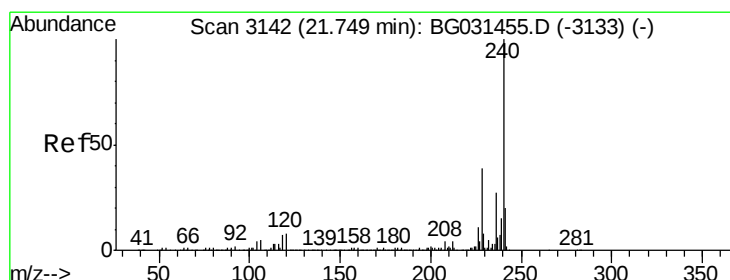
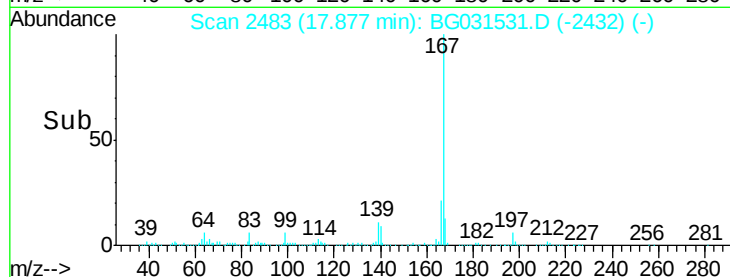
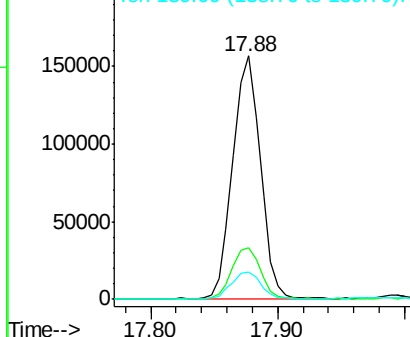
Tot Ion:	167	Resp:	235656
Ion Ratio		Lower	Upper
167	100		
166	21.2	18.2	27.4
139	11.4	9.4	14.2

Manual Integrations
APPROVED

Sohil
12/15/2017 7:47:52 PM



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

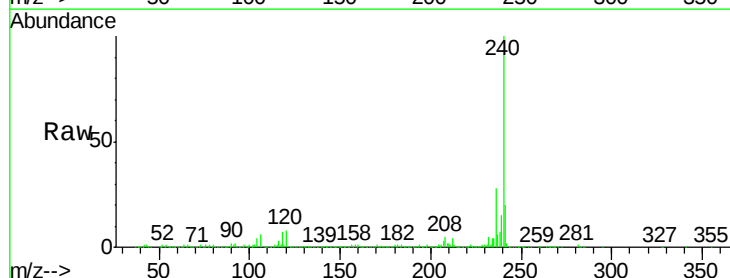
RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

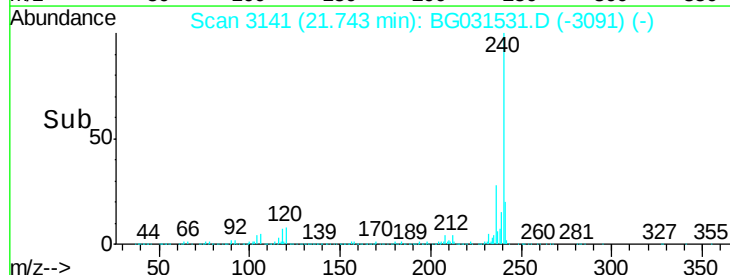
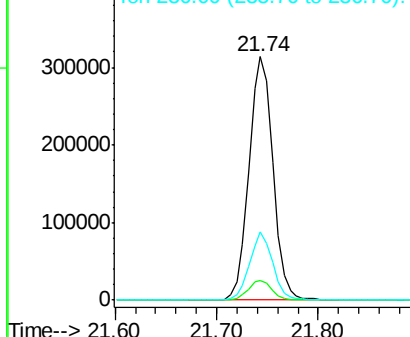
Lab File: BG031531.D

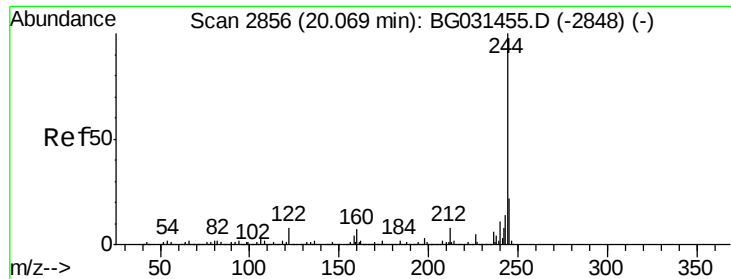
Acq: 13 Dec 2017 17:14

Tgt Ion:	240	Resp:	513312
Ion Ratio		Lower	Upper
240	100		
120	7.9	6.8	10.2
236	27.9	20.9	31.3



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





#78

Terphenyl-d14

Concen: 78.241 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031531.D

Acq: 13 Dec 2017 17:14

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW27S-GW

Tot Ion:244 Resp: 1765230

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

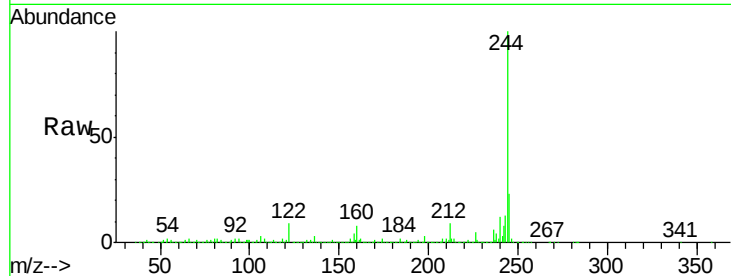
122 8.9 7.0 10.4

Manual Integrations

APPROVED

Sohil

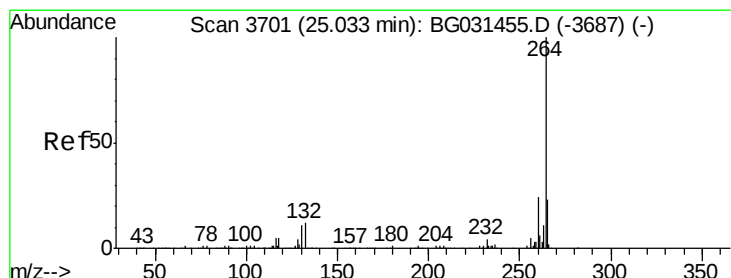
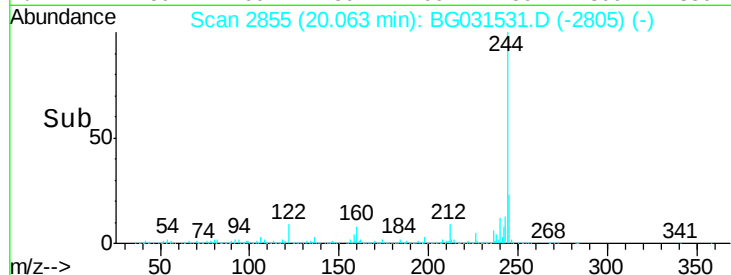
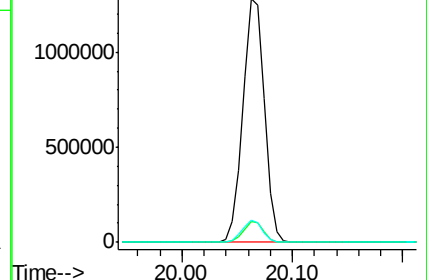
12/15/2017 7:47:52 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031531.D

Acq: 13 Dec 2017 17:14

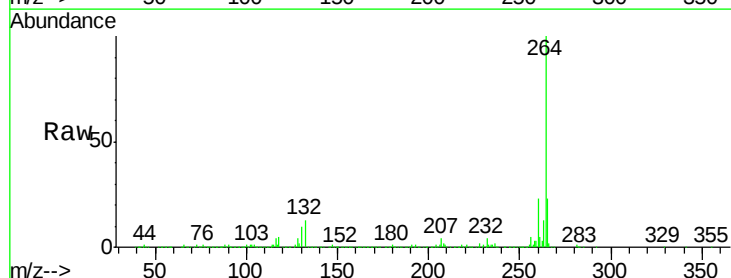
Tgt Ion:264 Resp: 513381

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.6 17.7 26.5



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

