

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025230.D
 Acq On : 16 Dec 2016 3:09
 Operator : UM/SJ
 Sample : H5995-17MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA884MS

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:23 PM

Quant Time: Dec 16 06:29:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	80090	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	345001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	275326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	540656	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	646572	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	668907	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	4272	2.76	ng/uL	0.00
5) Phenol-d5	7.39	99	112973	16.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	72955	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	73360	15.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	96056	16.64	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	46970	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	34518	11.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	85977	14.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	82107	14.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	333107	17.59	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	396960	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	16138	4.96	ng/ul	0.01
57) Fluorene-d10	15.84	176	302524	16.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	7335	2.19	ng/ul	0.00
70) Anthracene-d10	17.70	188	450333	19.73	ng/ul	0.00
76) Pyrene-d10	19.97	212	519896	19.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	530731	19.58	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	131223	18.50	ng/ul	93
10) 2-Chlorophenol	7.80	128	68771	14.16	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.03	70	84318	16.61	ng/ul	91
33) 4-Chloro-3-methylphenol	12.33	107	107650	15.36	ng/ul	97
44) Dimethylphthalate	14.29	163	49693	2.67	ng/ul	96
49) Acenaphthene	14.92	153	251033	18.17	ng/ul	98
52) 4-Nitrophenol	15.09	109	15969	4.08	ng/ul#	87
54) 2,4-Dinitrotoluene	15.22	165	96441	16.00	ng/ul#	87
68) Pentachlorophenol	17.25	266	15787	3.82	ng/ul#	85
69) Phenanthrene	17.64	178	38202	1.48	ng/ul	97
74) Fluoranthene	19.64	202	49239	1.61	ng/ul#	97
77) Pyrene	20.00	202	633024	20.37	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	36828m	1.10	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	580169	34.64	ng/ul#	96
82) Chrysene	21.94	228	57742	1.84	ng/ul	95
85) Benzo(b)fluoranthene	24.22	252	72018	2.17	ng/ul#	76
88) Benzo(a)pyrene	25.16	252	39740	1.25	ng/ul#	56

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

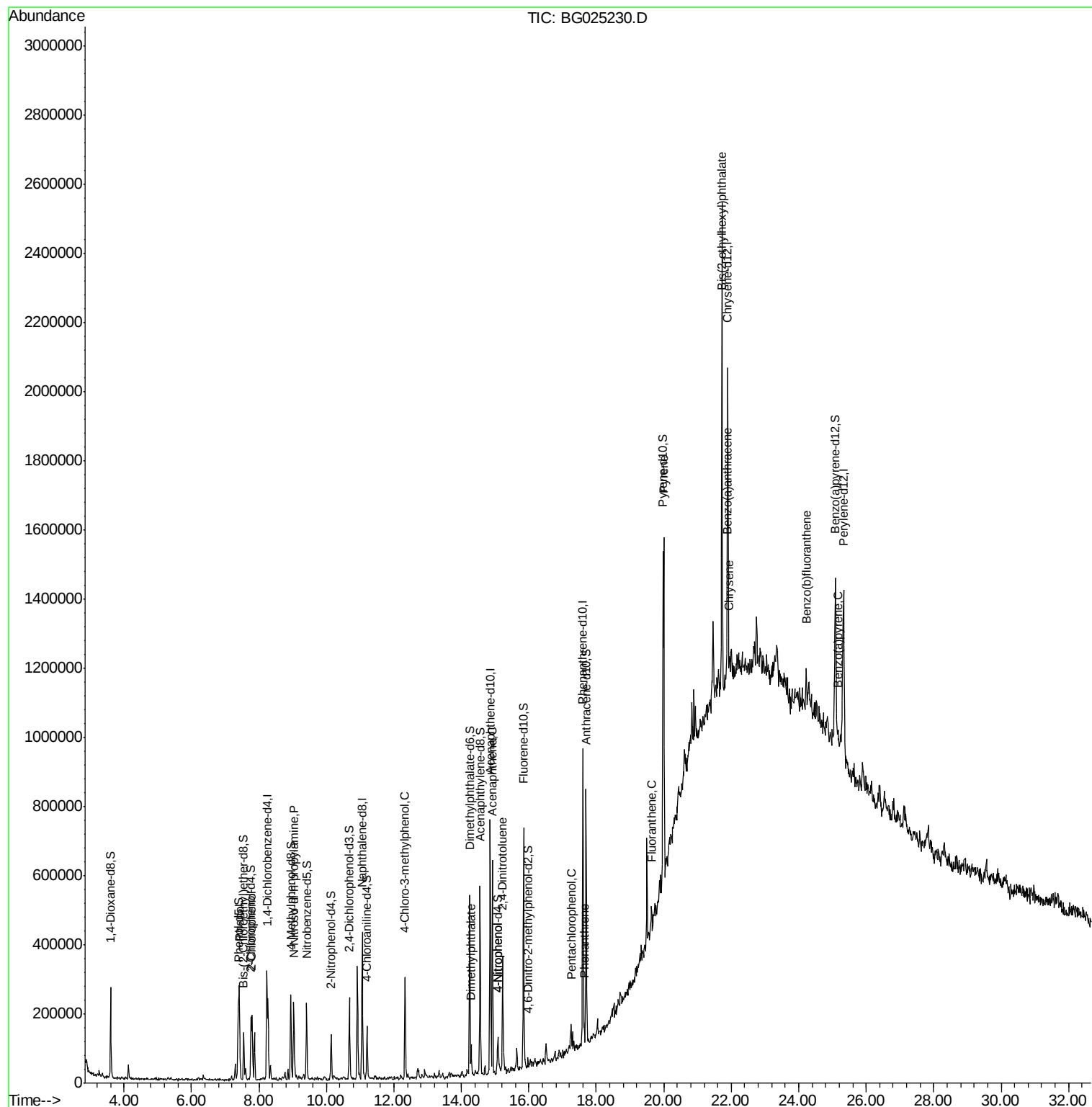
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025230.D
Acq On : 16 Dec 2016 3:09
Operator : UM/SJ
Sample : H5995-17MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

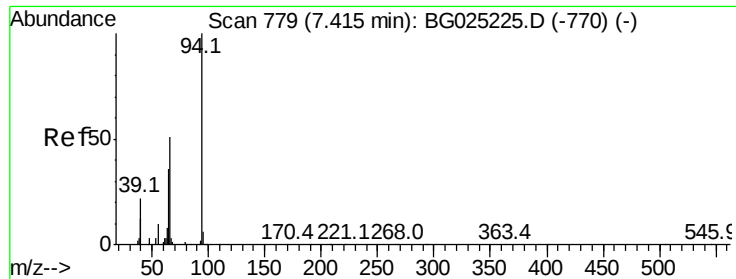
Instrument :
BNA_G
ClientSampleId :
DA884MS

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Quant Time: Dec 16 06:29:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 18.50 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Instrument :

BNA_G

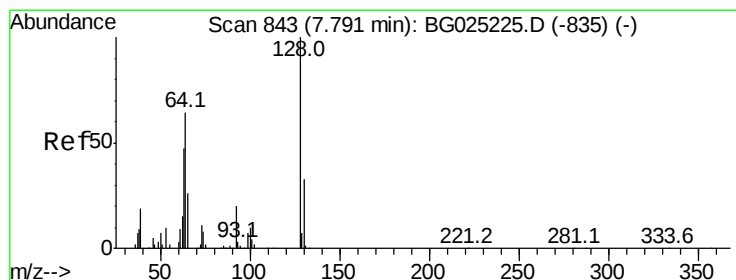
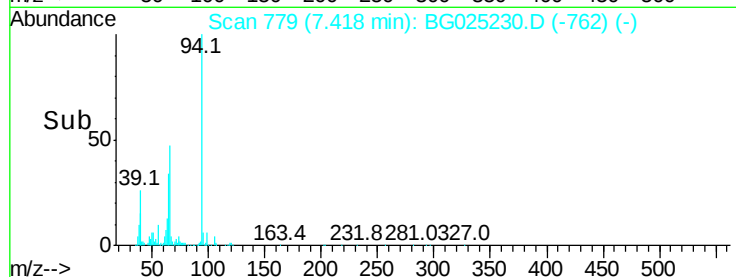
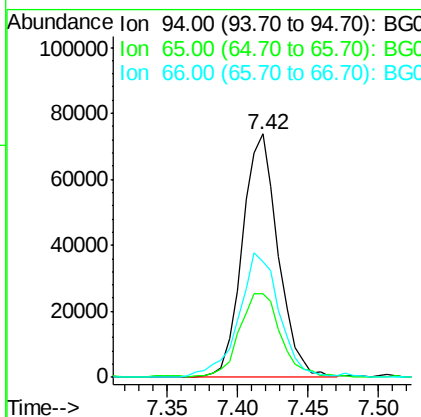
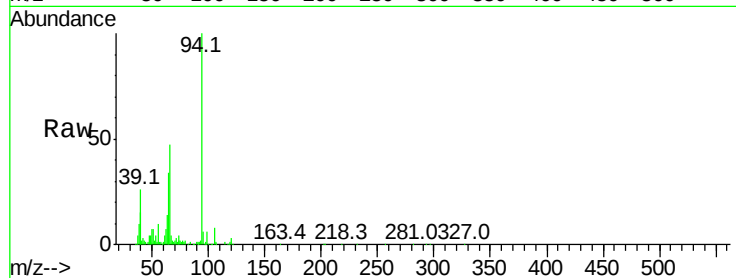
ClientSampleId :

DA884MS

Tot Ion:	94	Resp:	131223
Ion Ratio	Lower	Upper	
94	100		
65	34.2	26.8	40.2
66	47.5	44.4	66.6

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#10

2-Chlorophenol

Concen: 14.16 ng/ul

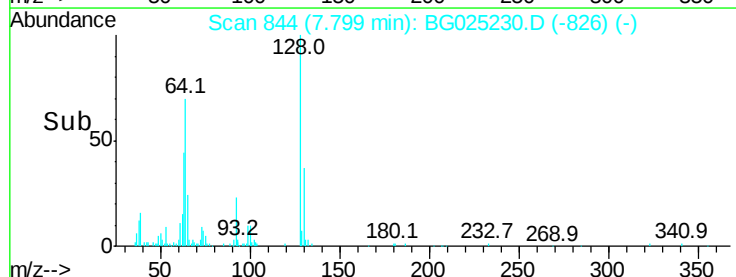
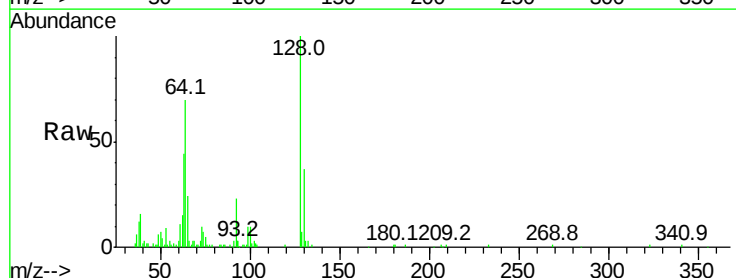
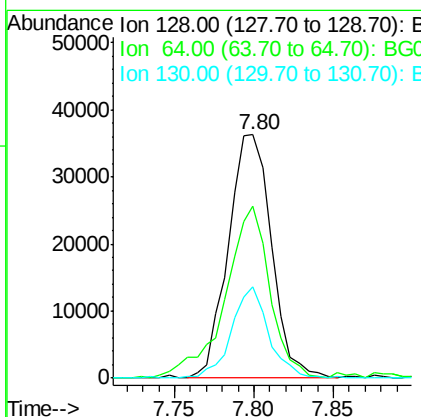
RT: 7.80 min Scan# 844

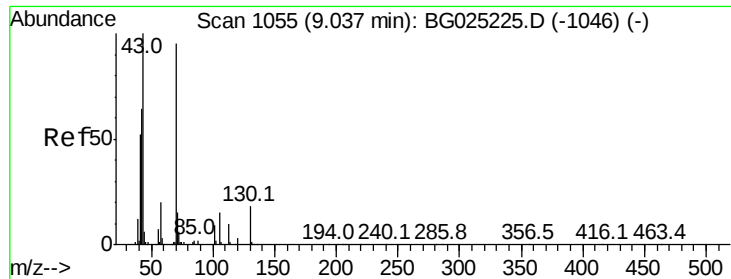
Delta R.T. 0.01 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Tgt Ion:	128	Resp:	68771
Ion Ratio	Lower	Upper	
128	100		
64	70.4	56.3	84.5
130	37.4	26.7	40.1





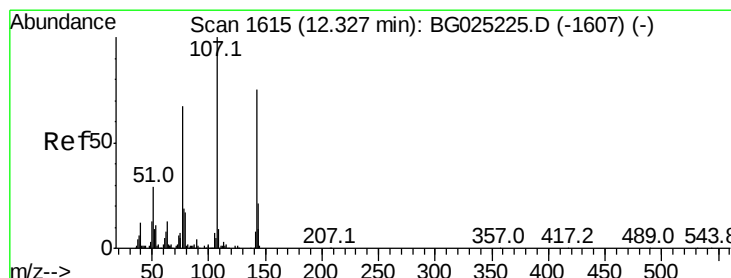
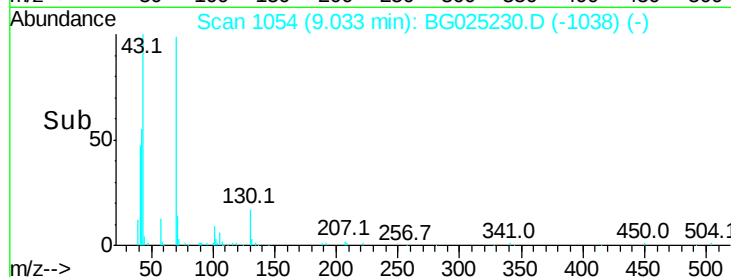
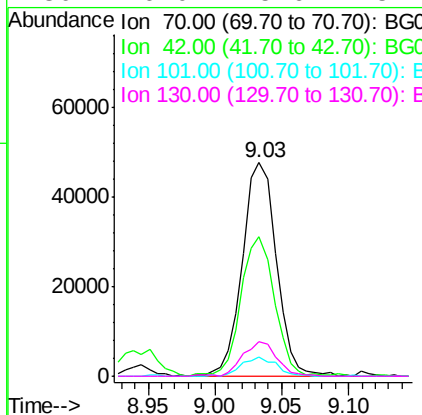
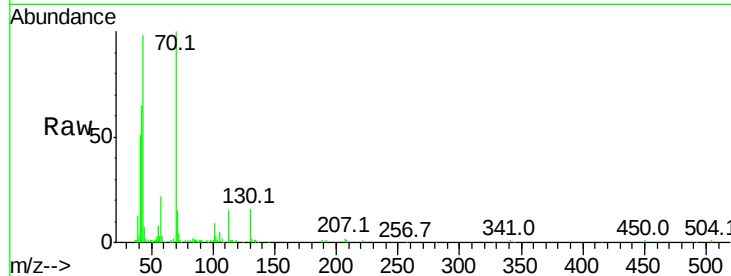
#15
N-Nitroso-di-n-propylamine
Concen: 16.61 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Instrument :
BNA_G
ClientSampleId :
DA884MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.3	59.0	88.6
101	9.1	6.6	9.8
130	16.0	15.6	23.4

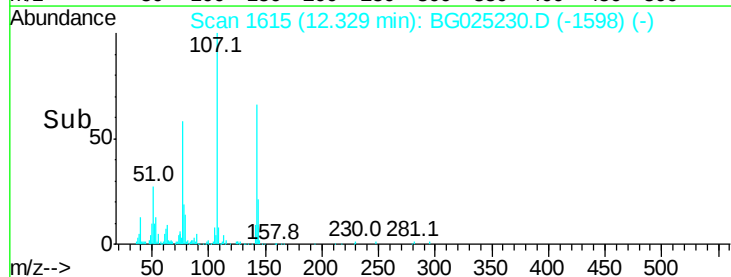
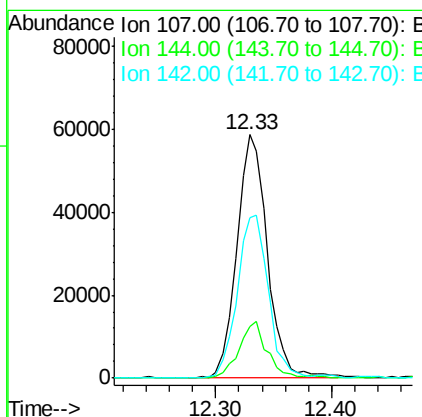
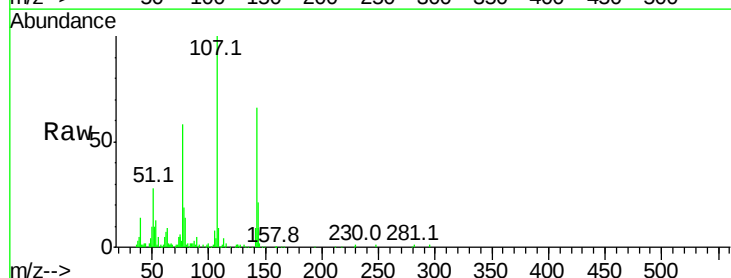
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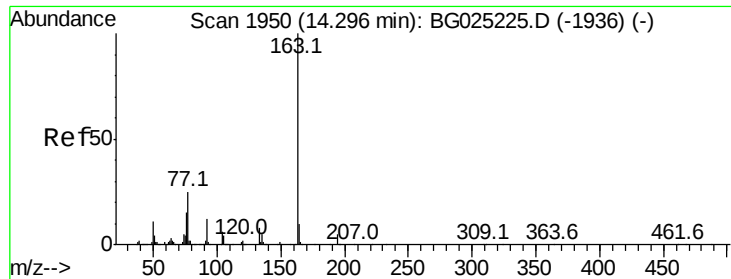
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#33
4-Chloro-3-methylphenol
Concen: 15.36 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	18.2	27.4
142	65.9	55.0	82.4





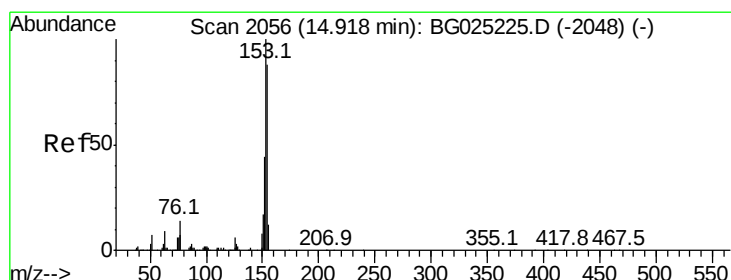
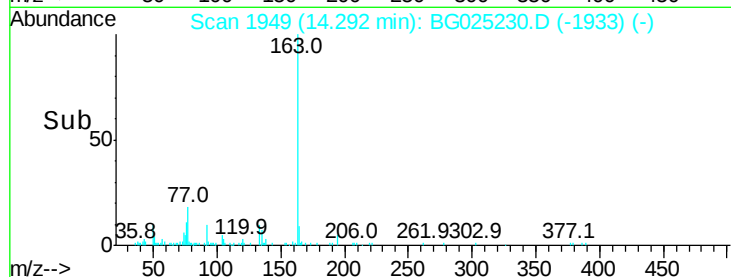
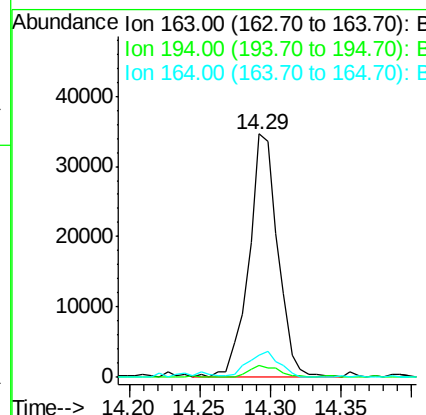
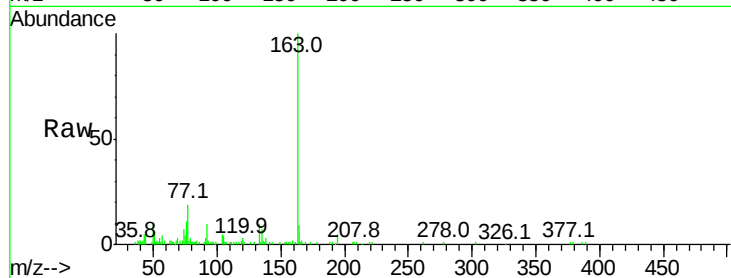
#44
Dimethylphthalate
Concen: 2.67 ng/ul
RT: 14.29 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Instrument :
BNA_G
ClientSampleId :
DA884MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	49693		
194	4.7		3.4	5.0
164	9.3		9.0	13.4

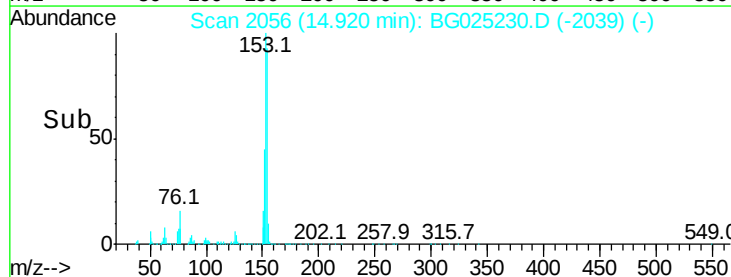
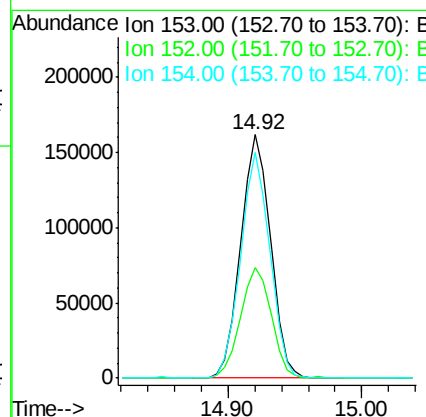
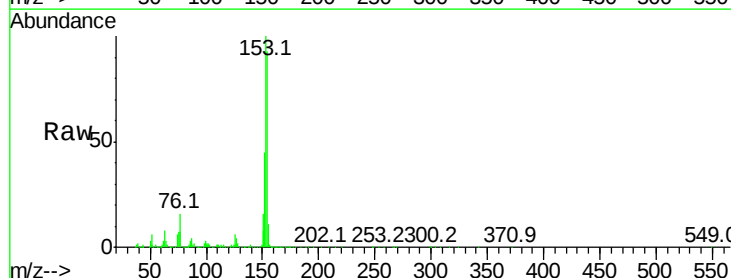
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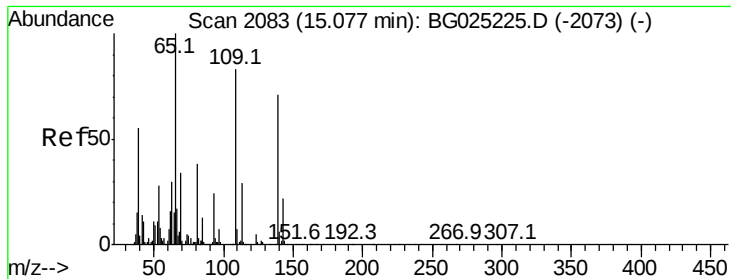
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#49
Acenaphthene
Concen: 18.17 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	251033		
152	45.2		36.5	54.7
154	92.8		72.3	108.5





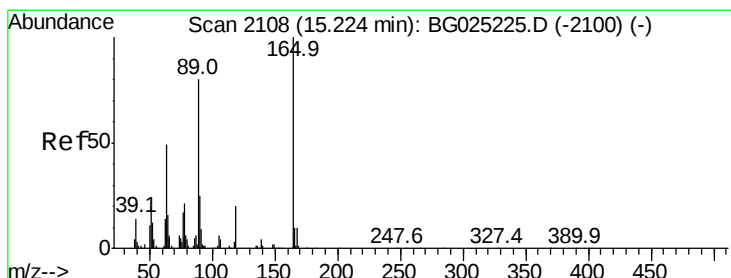
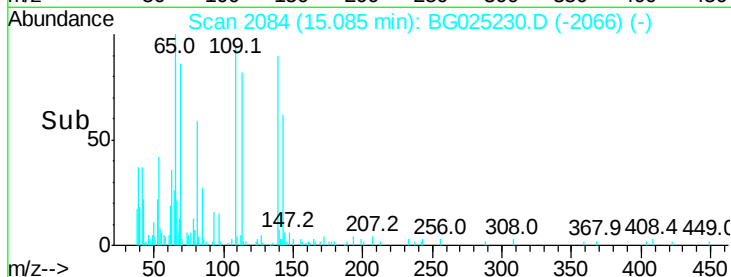
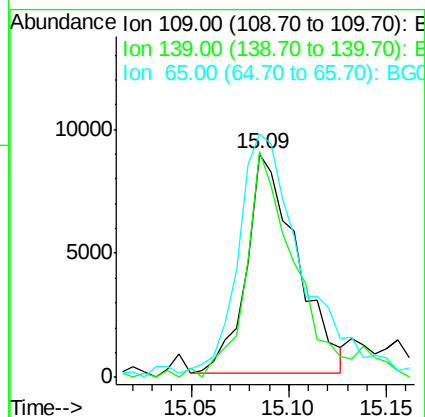
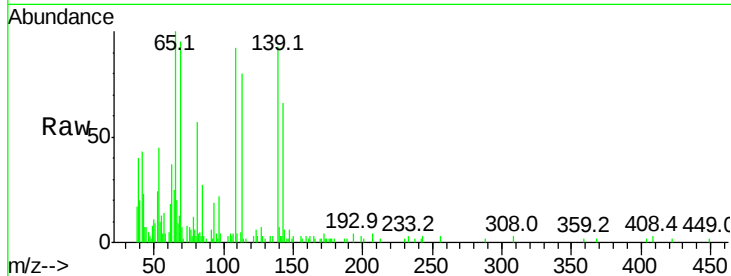
#52
4-Nitrophenol
Concen: 4.08 ng/ul
RT: 15.09 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Instrument :
BNA_G
ClientSampleId :
DA884MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	101.1	62.6	93.8#	
65	109.0	90.4	135.6	

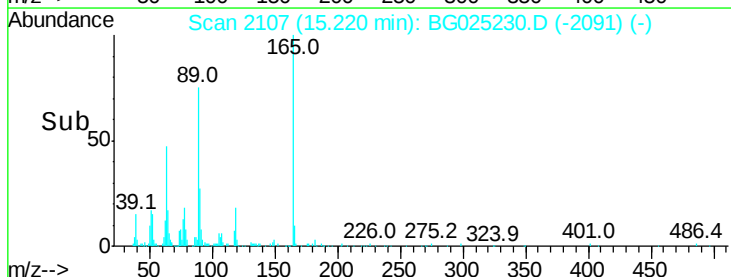
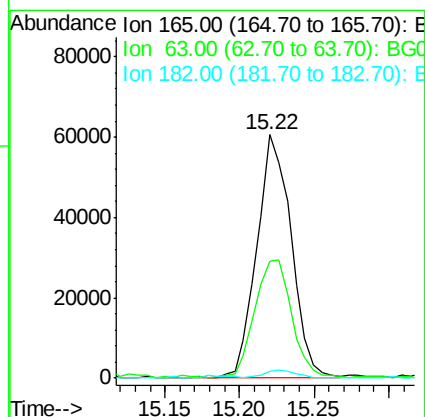
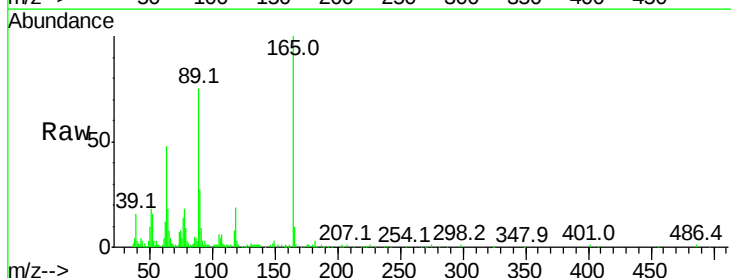
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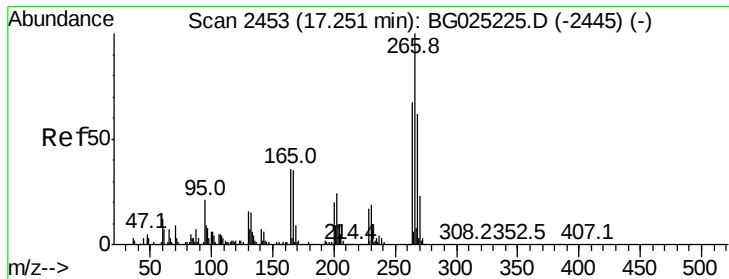
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#54
2,4-Dinitrotoluene
Concen: 16.00 ng/ul
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.3	46.8	70.2	
182	2.9	1.8	2.6#	





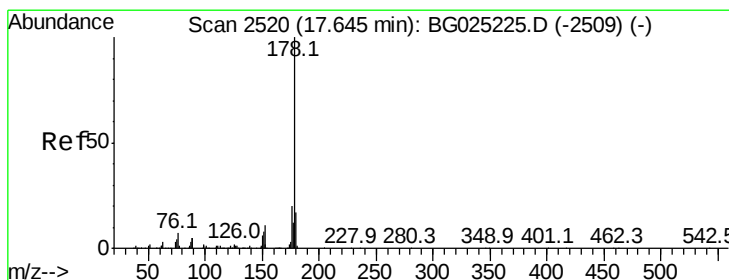
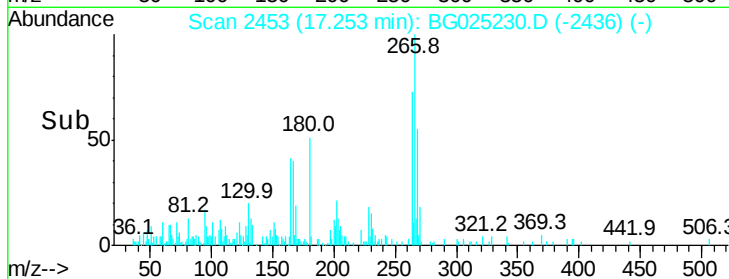
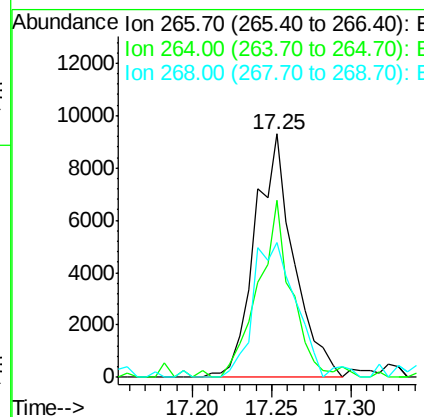
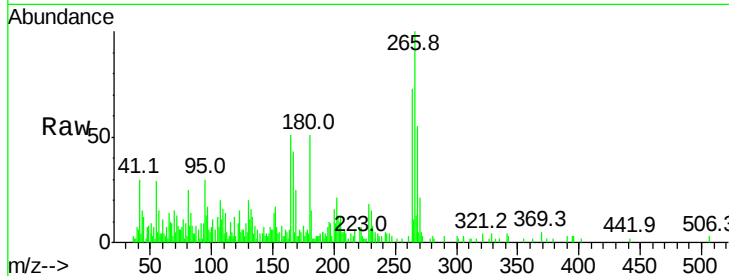
#68
 Pentachlorophenol
 Concen: 3.82 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BG025230.D
 Acq: 16 Dec 2016 3:09

Instrument :
 BNA_G
 ClientSampleId :
 DA884MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	72.7	47.1	70.7#
268	60.4	56.2	84.4

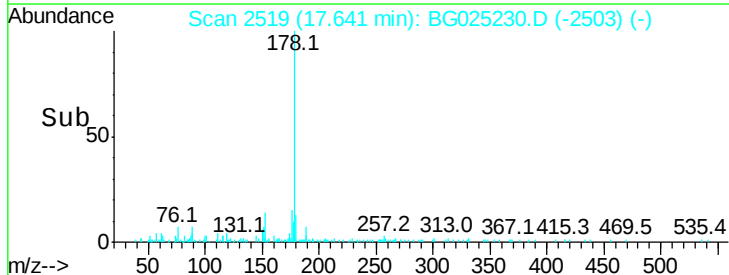
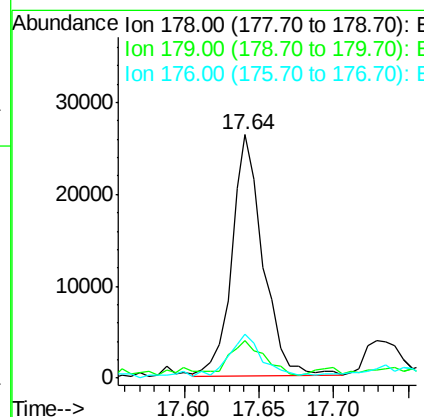
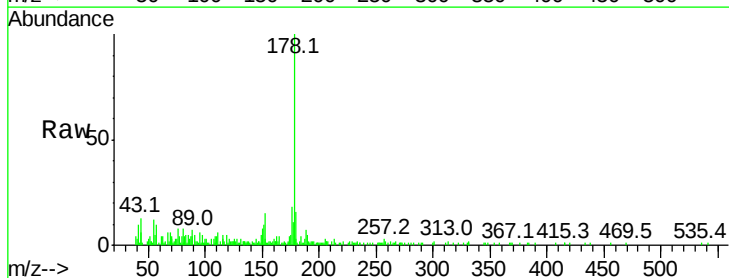
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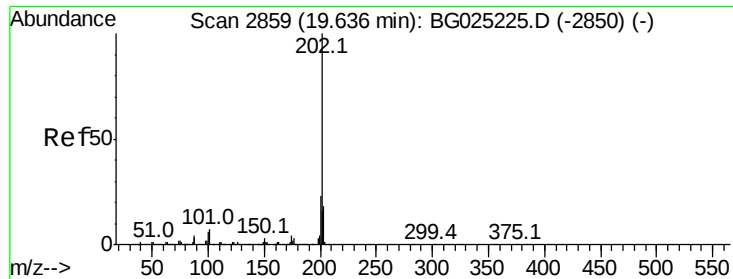
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#69
 Phenanthrene
 Concen: 1.48 ng/ul
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG025230.D
 Acq: 16 Dec 2016 3:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	17.9	16.5	24.7





#74

Fluoranthene

Concen: 1.61 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Instrument :

BNA_G

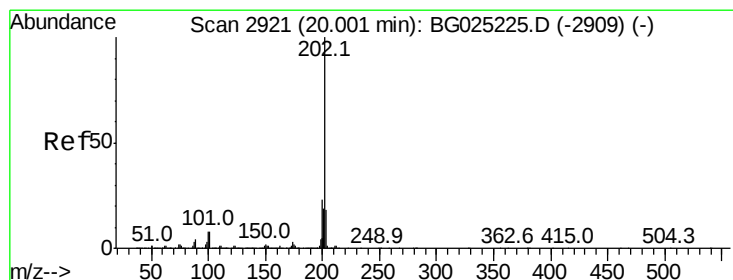
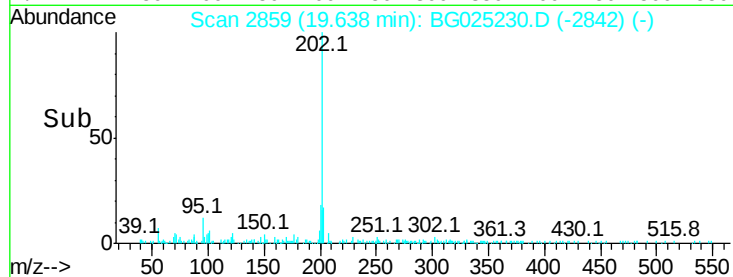
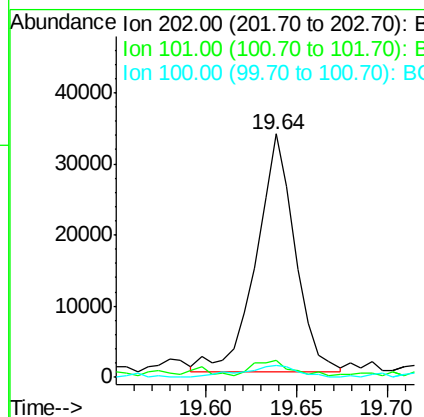
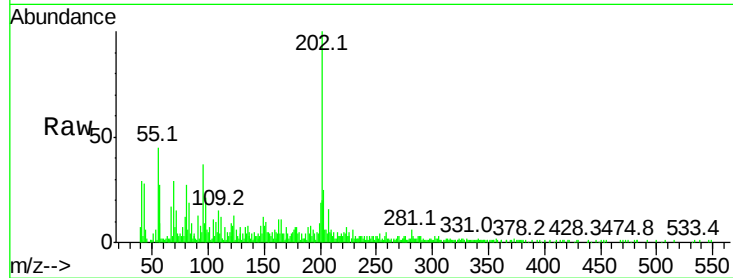
ClientSampleId :

DA884MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	6.2	9.2
100	4.8	5.2	7.8

Manual Integrations
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#77

Pyrene

Concen: 20.37 ng/ul

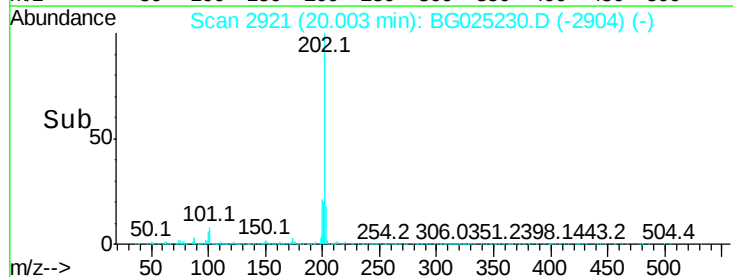
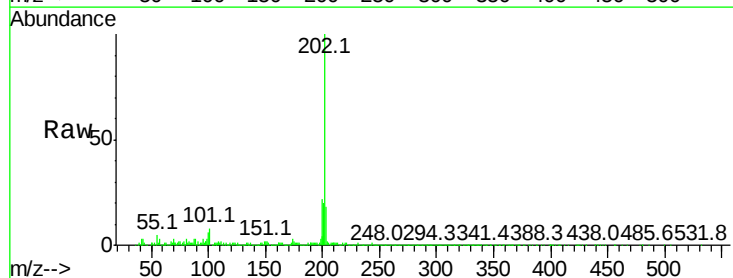
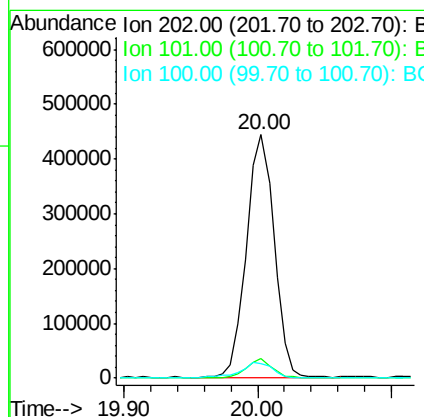
RT: 20.00 min Scan# 2921

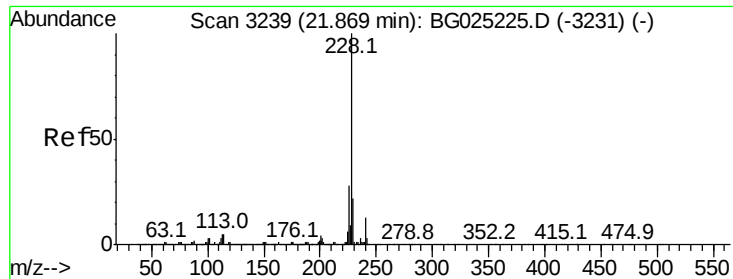
Delta R.T. 0.00 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	6.9	10.3
100	5.8	6.6	10.0





#80

Benzo(a)anthracene

Concen: 1.10 ng/ul m

RT: 21.87 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Instrument :

BNA_G

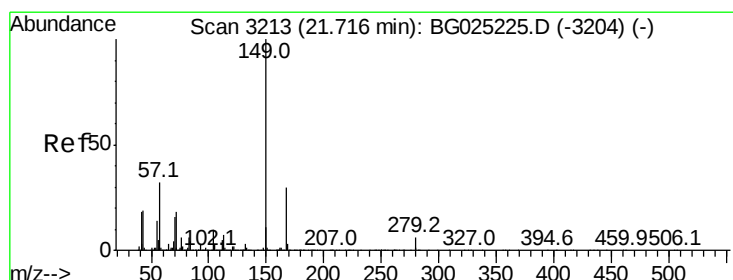
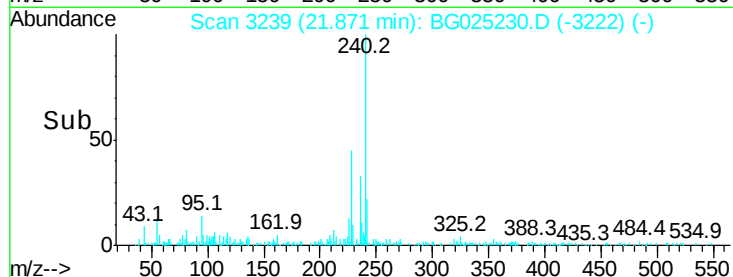
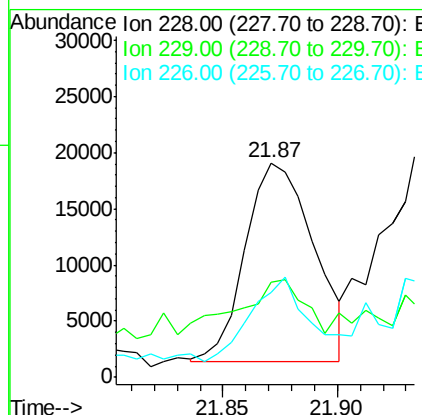
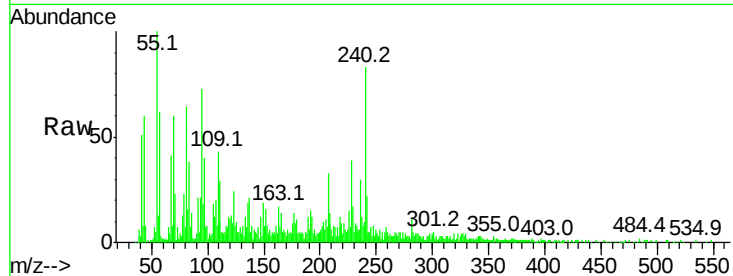
ClientSampleId :

DA884MS

Tot Ion:	228	Resp:	36828
Ion Ratio	Lower	Upper	
228	100		
229	44.3	16.3	24.5#
226	39.2	21.9	32.9#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 34.64 ng/ul

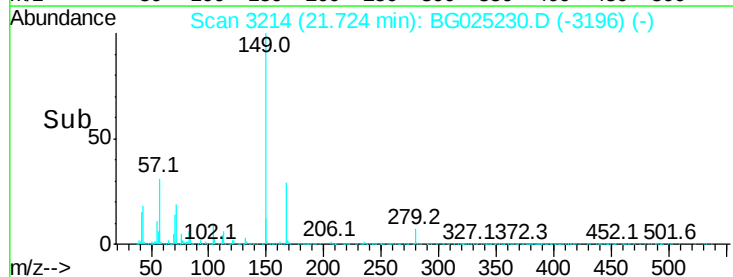
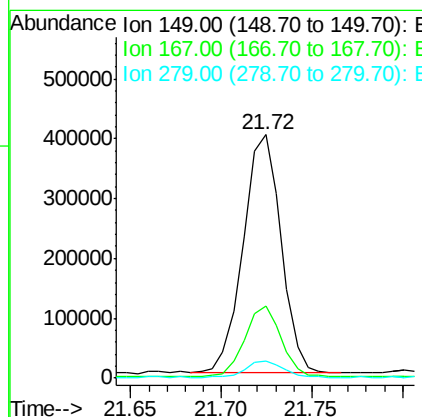
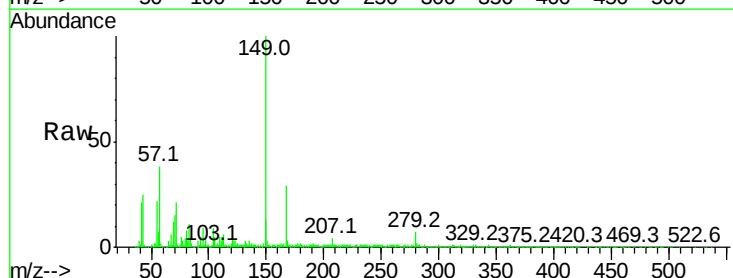
RT: 21.72 min Scan# 3214

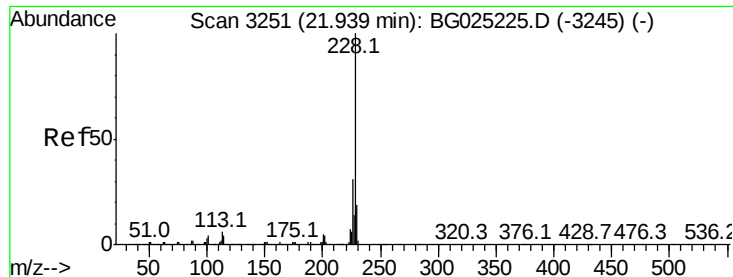
Delta R.T. 0.01 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Tgt Ion:	149	Resp:	580169
Ion Ratio	Lower	Upper	
149	100		
167	29.4	21.8	32.8
279	7.0	4.5	6.7#





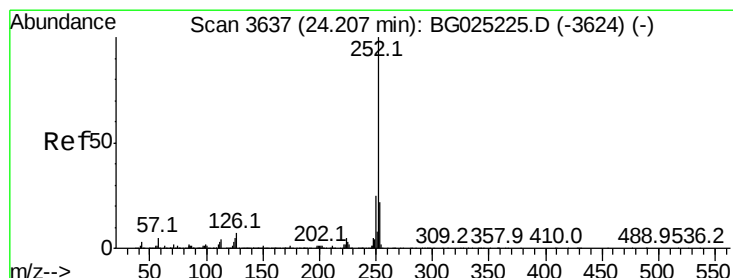
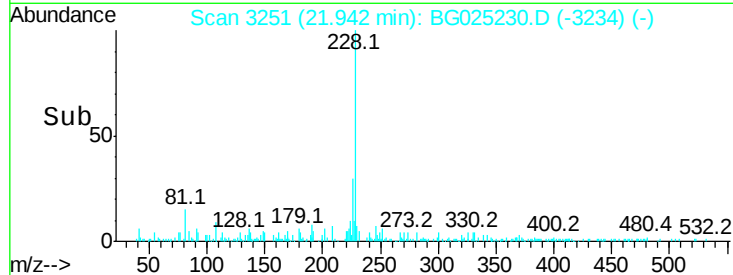
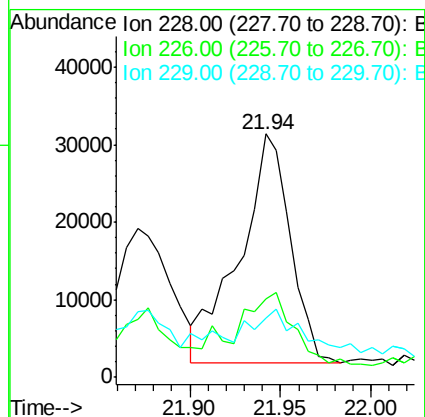
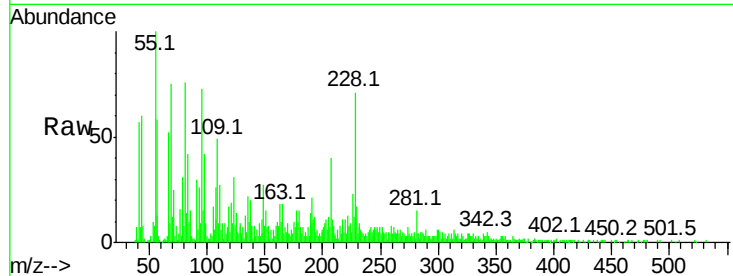
#82
Chrysene
Concen: 1.84 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Instrument :
BNA_G
ClientSampleId :
DA884MS

Tot Ion:	228	Resp:	57742
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.0	36.0
229	24.1	16.9	25.3

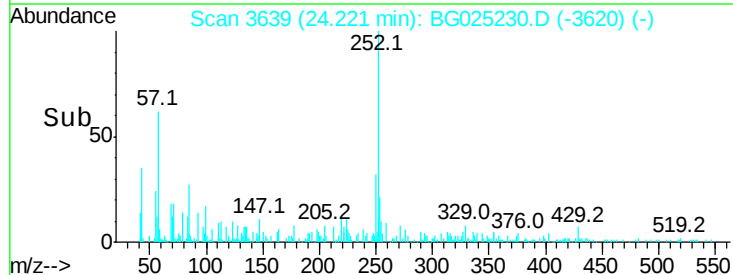
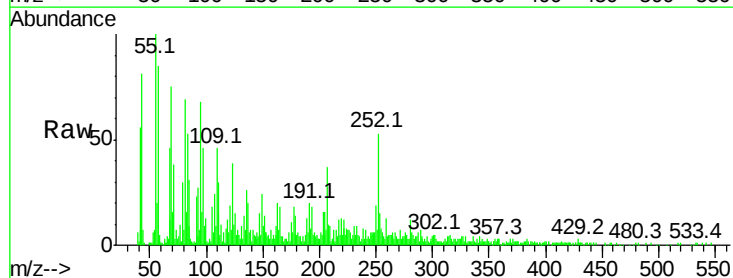
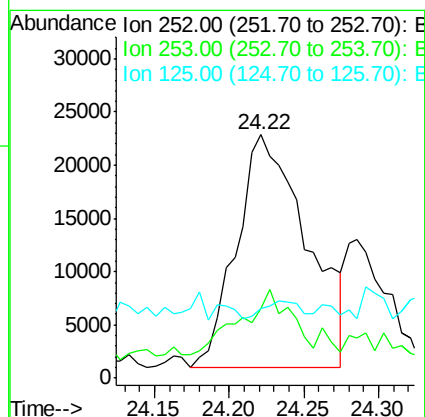
Manual Integrations
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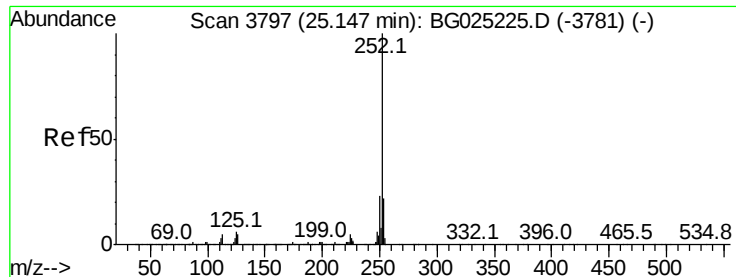
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#85
Benzo(b)fluoranthene
Concen: 2.17 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG025230.D
Acq: 16 Dec 2016 3:09

Tgt Ion:	252	Resp:	72018
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.7	26.5#
125	28.4	4.0	6.0#





#88

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 25.16 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BG025230.D

Acq: 16 Dec 2016 3:09

Instrument :

BNA_G

ClientSampleId :

DA884MS

Tot Ion:	252	Resp:	39740
Ion Ratio	Lower	Upper	
252	100		
253	39.5	17.8	26.6#
125	30.2	5.4	8.0#

Manual Integrations
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