

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025248.D
 Acq On : 16 Dec 2016 21:16
 Operator : UM/SJ
 Sample : H6040-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8T7

Manual Integrations
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umangi
 12/20/2016 10:48:18 AM

Quant Time: Dec 17 00:31:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 00:22:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	69045	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	271299	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	204074	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	426024	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	580922	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	593067	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	3860	2.89	ng/uL	0.00
5) Phenol-d5	7.39	99	91996	15.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	57962	15.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	65142	15.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	69747	14.01	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	32296	16.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	39715	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	76896	16.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	22024	4.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	234266	16.69	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	274319	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	40743	16.89	ng/ul	0.01
57) Fluorene-d10	15.84	176	212154	16.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	47564	18.06	ng/ul	0.00
70) Anthracene-d10	17.70	188	340557	18.94	ng/ul	0.00
76) Pyrene-d10	19.97	212	424549	17.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	448755	18.67	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.41	94	23481	3.84 ng/ul	94
11) 2-Methylphenol	8.68	108	5230	1.16 ng/ul#	73
16) 4-Methylphenol	9.00	108	10253	2.05 ng/ul#	67
24) 2,4-Dimethylphenol	10.22	107	13074m	2.35 ng/ul	
28) Naphthalene	11.11	128	24202	1.92 ng/ul	97
34) 2-Methylnaphthalene	12.70	142	48031	4.83 ng/ul	86
40) 1,1'-Biphenyl	13.69	154	13082	1.06 ng/ul#	89
44) Dimethylphthalate	14.29	163	76375	5.54 ng/ul	97
53) Dibenzofuran	15.25	168	31290	1.93 ng/ul	96
58) Fluorene	15.89	166	23549	1.79 ng/ul#	91
64) N-Nitrosodiphenylamine	16.10	169	14700	1.34 ng/ul#	60
69) Phenanthrene	17.64	178	111689	5.49 ng/ul	97
74) Fluoranthene	19.64	202	68295	2.83 ng/ul#	94
77) Pyrene	20.00	202	108570	3.89 ng/ul#	89
80) Benzo(a)anthracene	21.87	228	42840	1.42 ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	21.72	149	116913	7.77 ng/ul	95
82) Chrysene	21.94	228	49515	1.75 ng/ul#	88
85) Benzo(b)fluoranthene	24.22	252	91244	3.10 ng/ul#	83
86) Benzo(k)fluoranthene	24.28	252	28767	1.03 ng/ul#	70
88) Benzo(a)pyrene	25.15	252	56990	2.02 ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	29.29	276	44566	1.27 ng/ul#	71
91) Benzo(a,h,i)perylene	30.51	276	53868m	1.84 ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

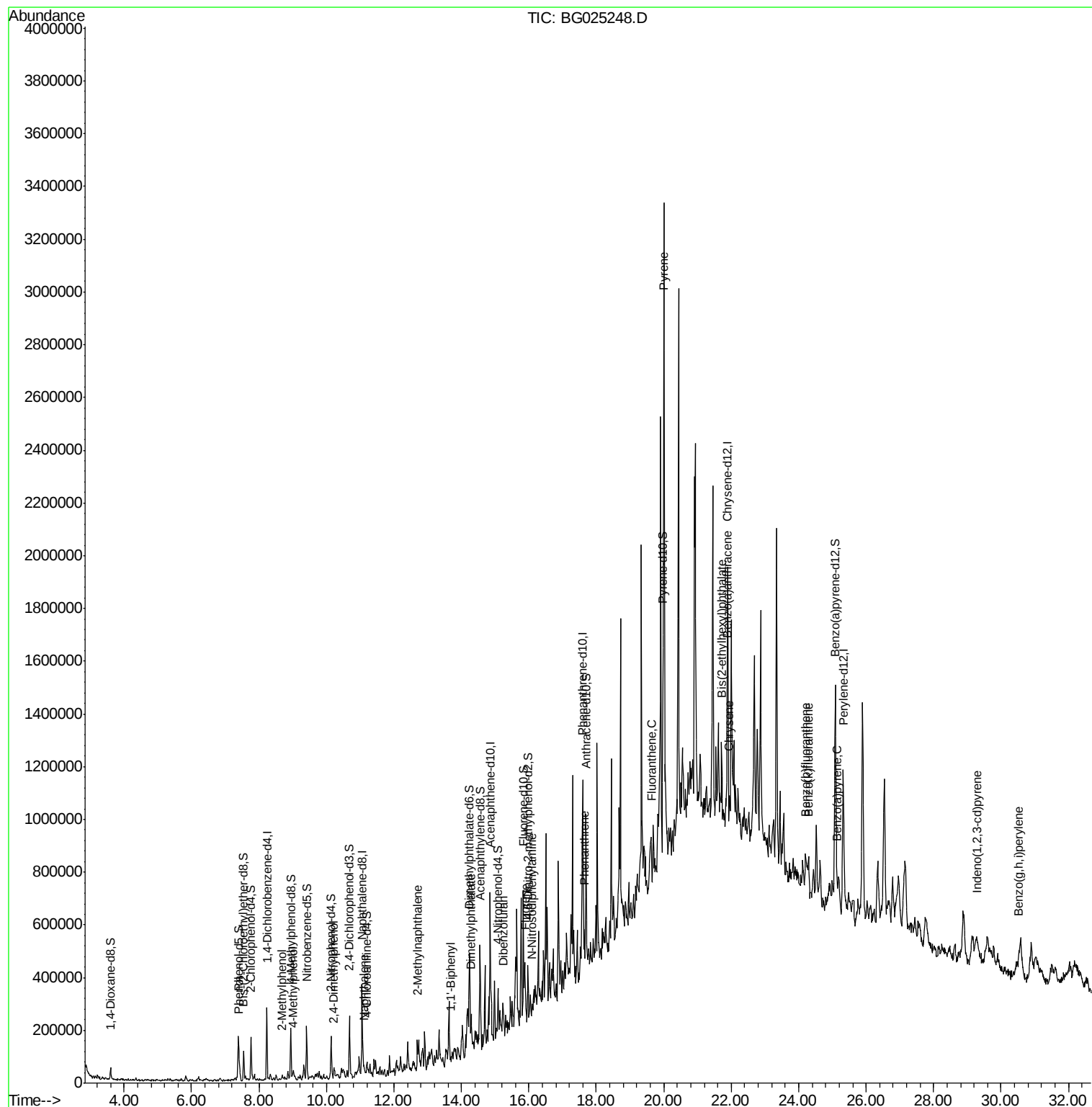
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025248.D
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Sample : H6040-02
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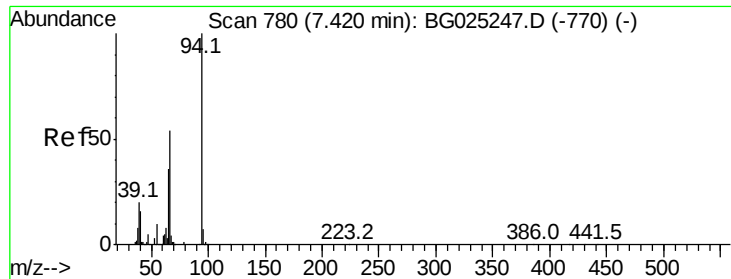
Instrument :
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#6

Phenol

Concen: 3.84 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

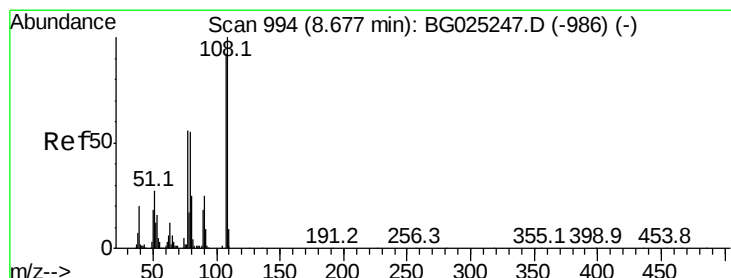
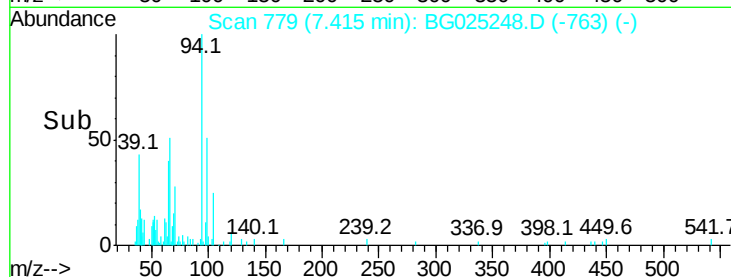
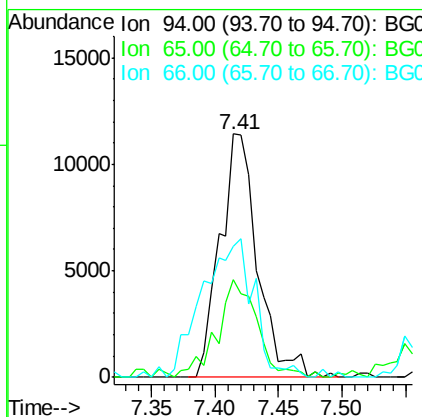
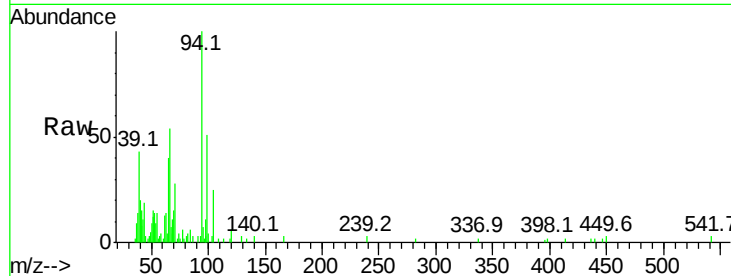
ClientSampleId :

DA8T7

Tot Ion:	94	Resp:	23481
Ion Ratio	Lower	Upper	
94	100		
65	40.2	26.8	40.2
66	53.5	44.4	66.6

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#11

2-Methylphenol

Concen: 1.16 ng/ul

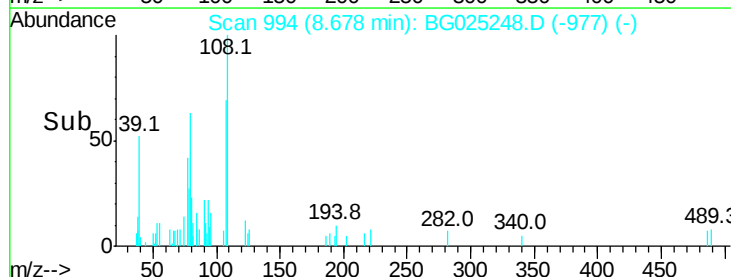
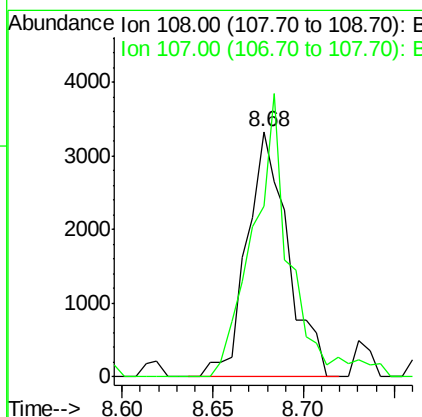
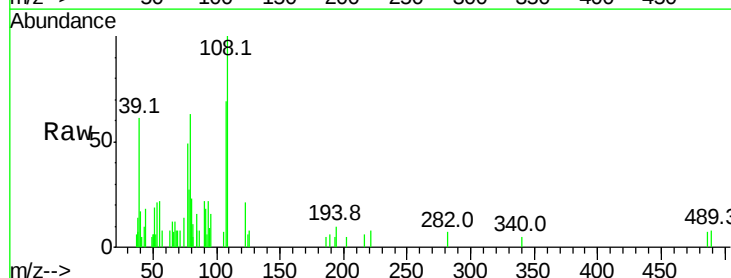
RT: 8.68 min Scan# 994

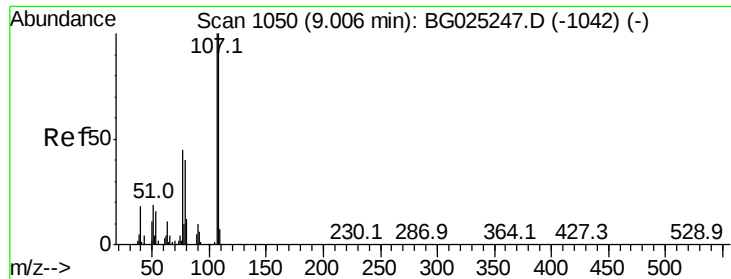
Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	108	Resp:	5230
Ion Ratio	Lower	Upper	
108	100		
107	69.3	76.7	115.1#





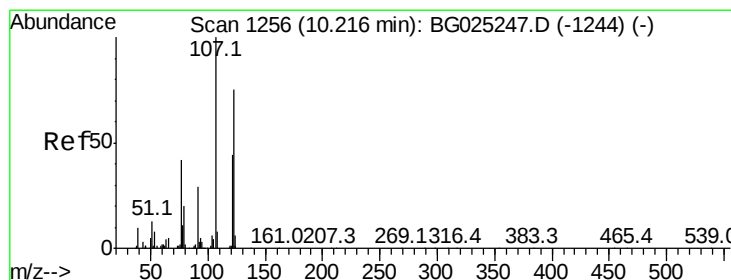
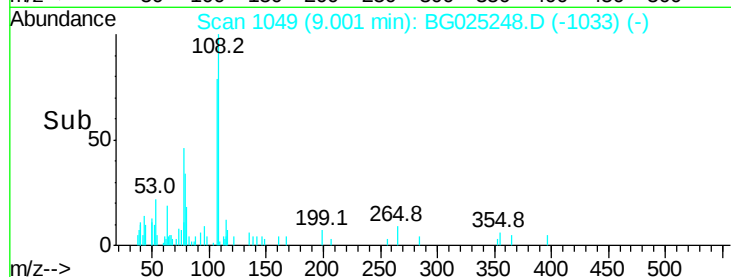
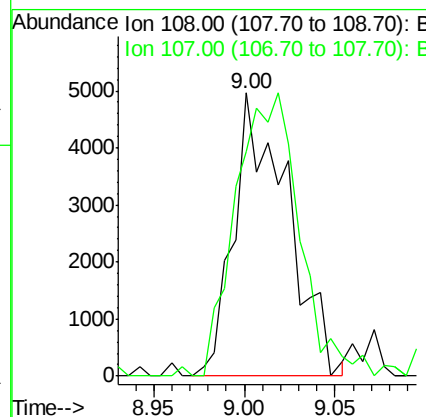
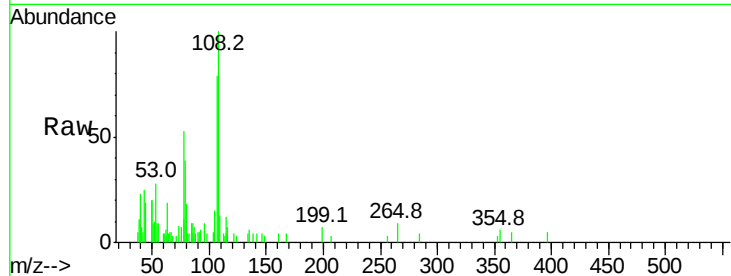
#16
4-Methylphenol
Concen: 2.05 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampled :
DA8T7

Tot Ion	Ratio	Lower	Upper
108	100		
107	79.1	91.7	137.5#

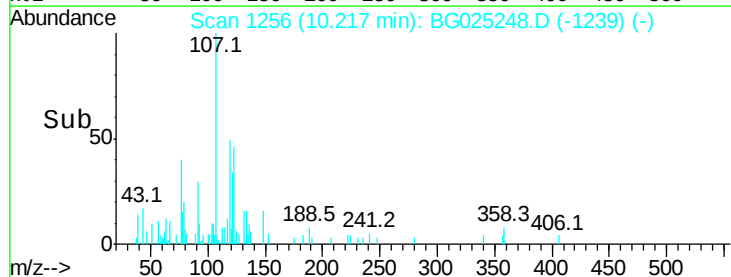
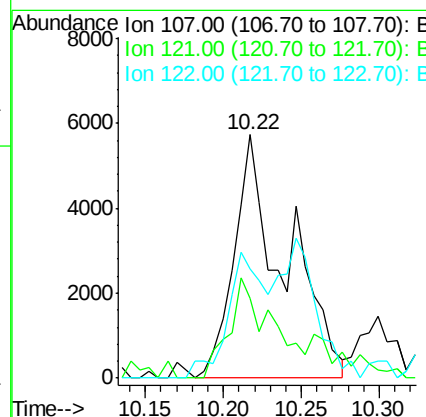
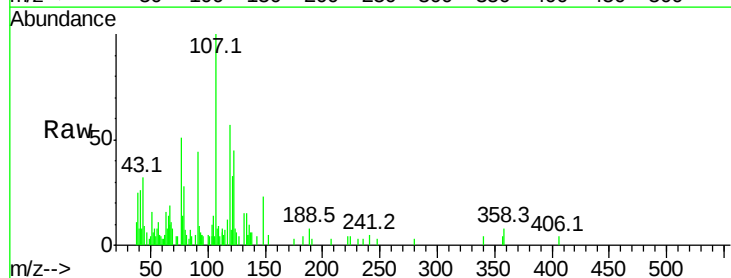
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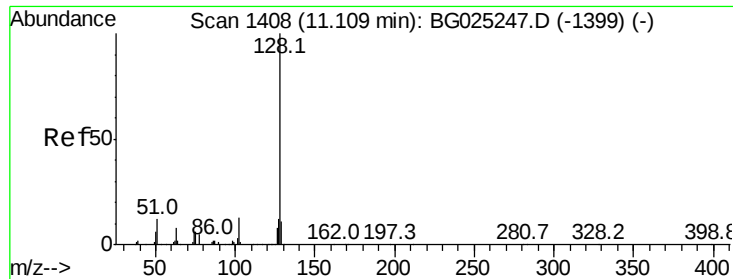
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#24
2,4-Dimethylphenol
Concen: 2.35 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
107	100		
121	33.0	32.3	48.5
122	44.8	61.2	91.8#





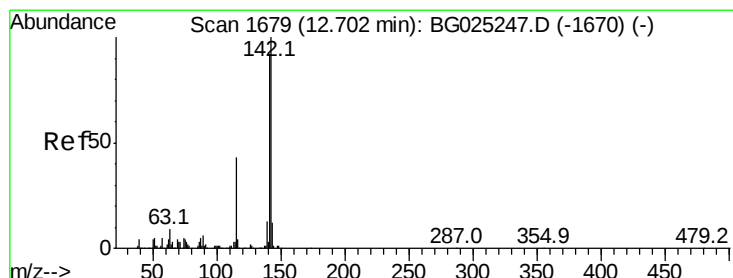
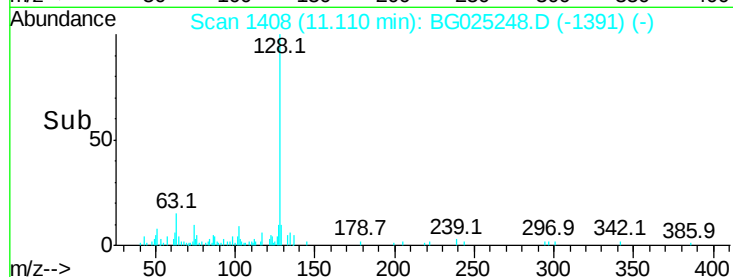
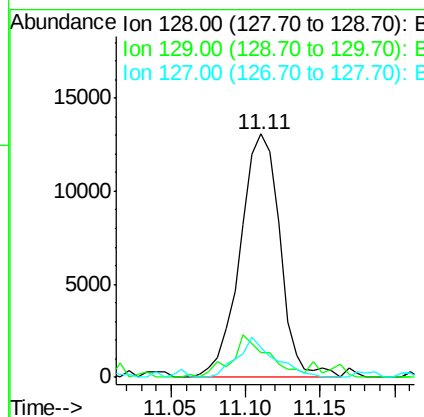
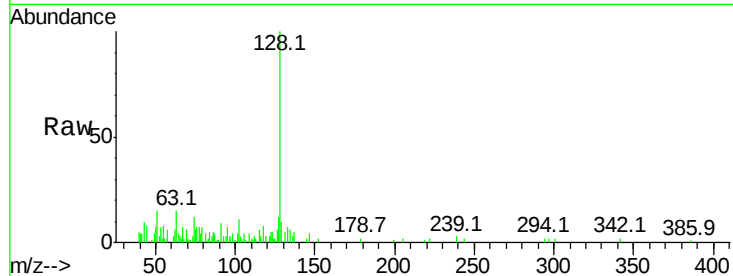
#28
Naphthalene
Concen: 1.92 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	12.3	10.3	15.5

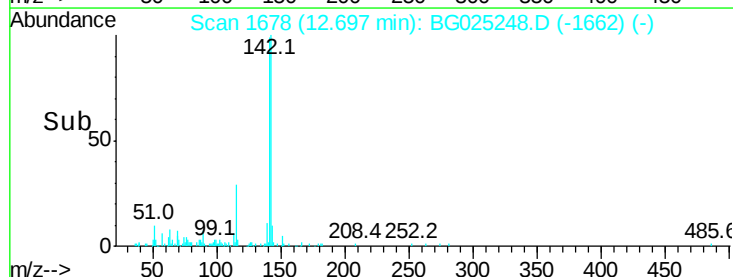
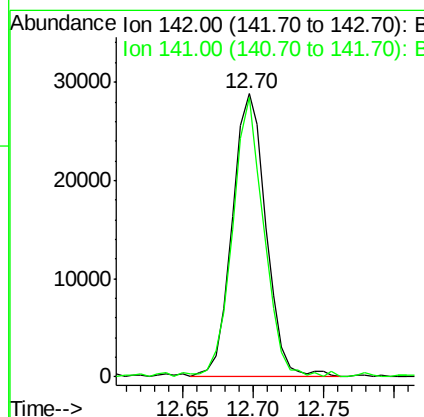
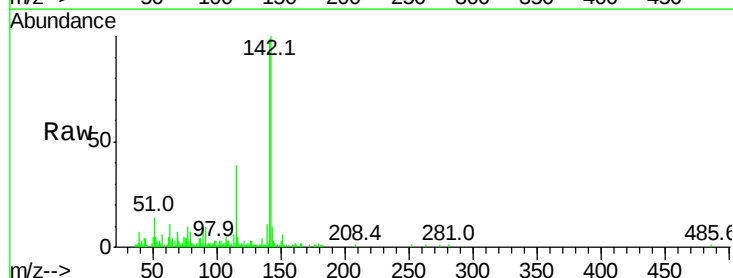
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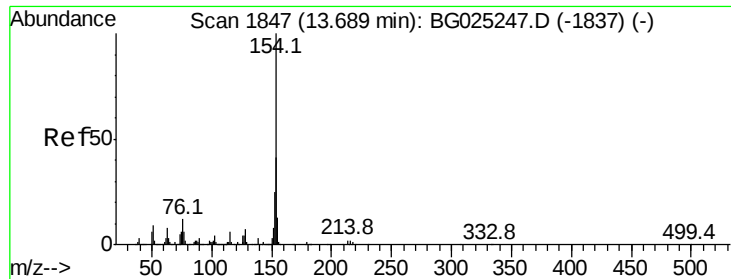
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#34
2-Methylnaphthalene
Concen: 4.83 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.9	68.6	102.8





#40

1,1'-Biphenyl

Concen: 1.06 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

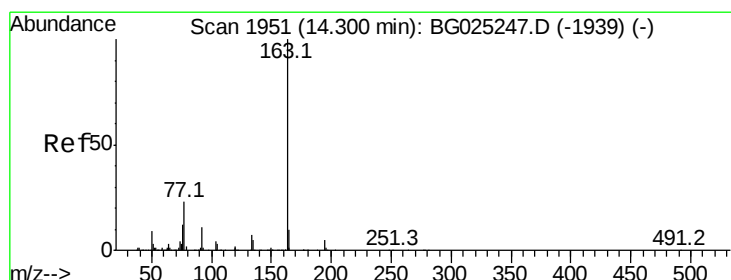
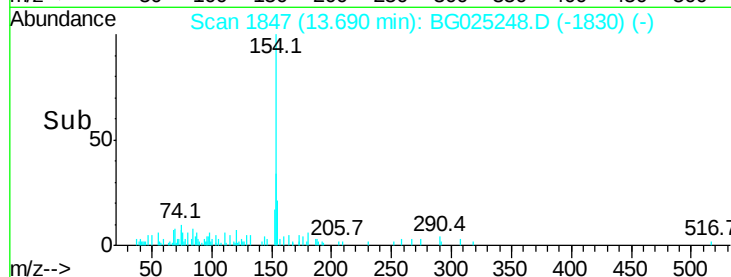
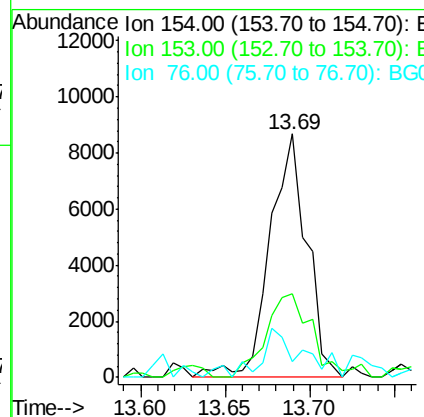
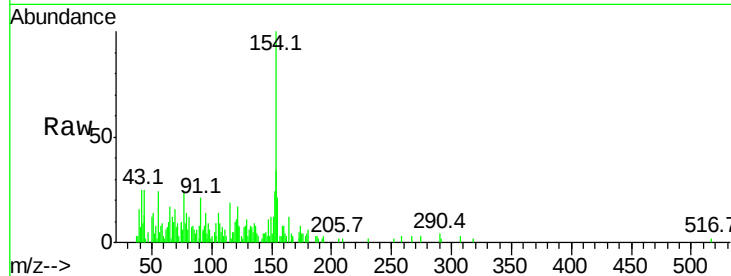
ClientSampleId :

DA8T7

Tot Ion:	154	Resp:	13082
Ion Ratio	Lower	Upper	
154	100		
153	34.3	32.2	48.2
76	6.5	9.6	14.4#

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#44

Dimethylphthalate

Concen: 5.54 ng/ul

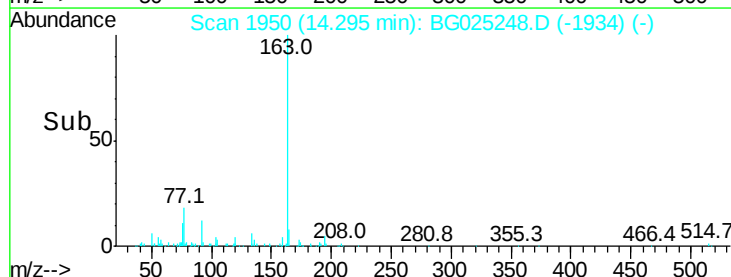
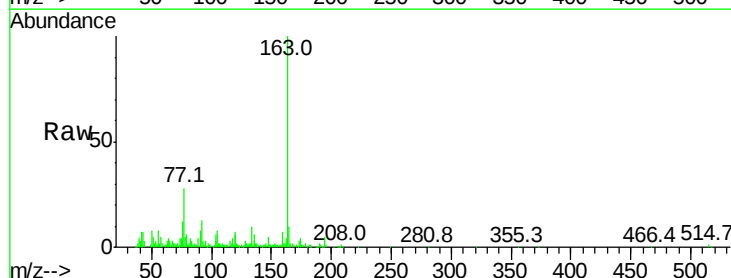
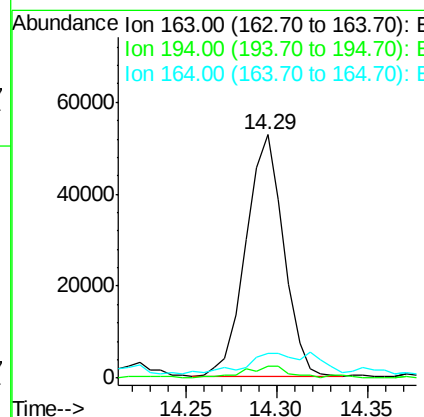
RT: 14.29 min Scan# 1950

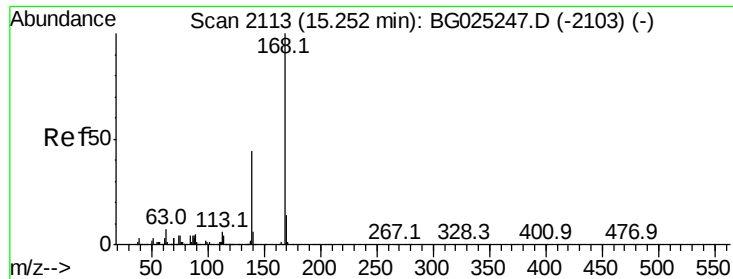
Delta R.T. -0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	163	Resp:	76375
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.0
164	10.1	9.0	13.4





#53

Dibenzenofuran

Concen: 1.93 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

ClientSampleId :

DA8T7

Tot Ion:168 Resp: 31290

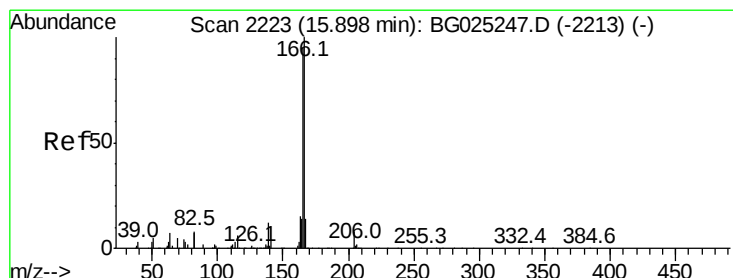
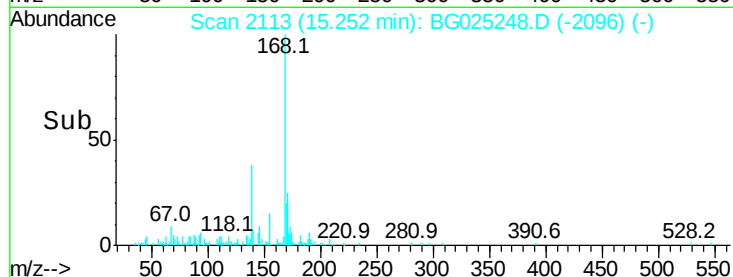
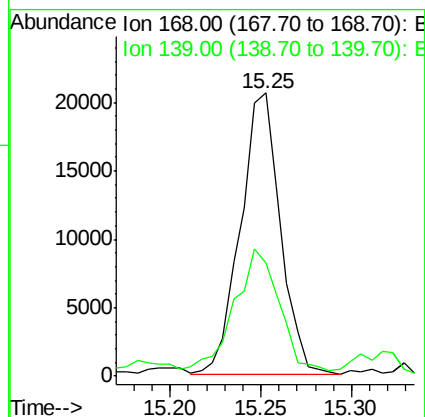
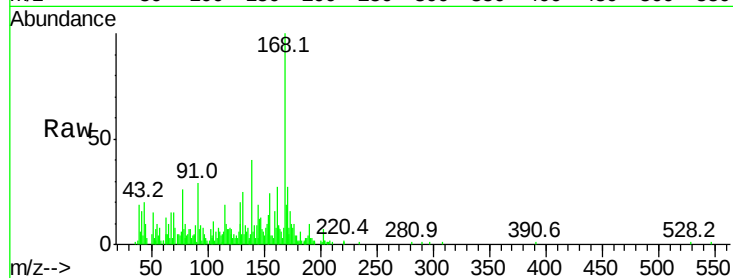
Ion Ratio Lower Upper

168 100

139 40.0 33.8 50.8

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#58

Fluorene

Concen: 1.79 ng/ul

RT: 15.89 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

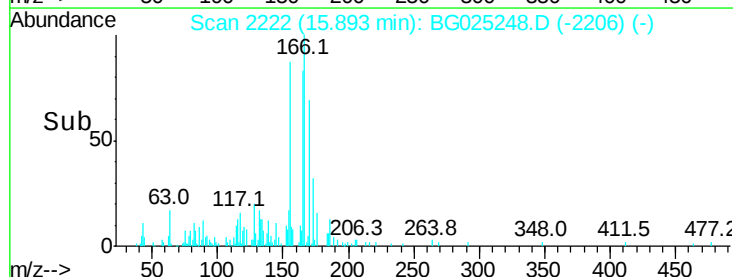
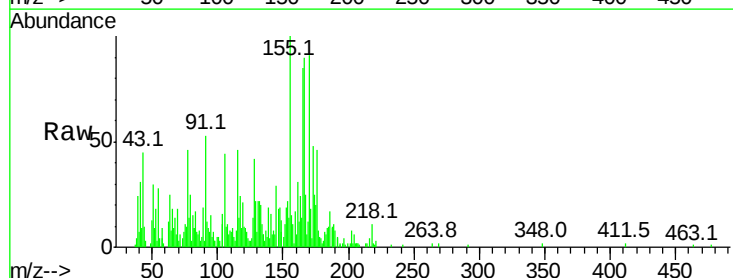
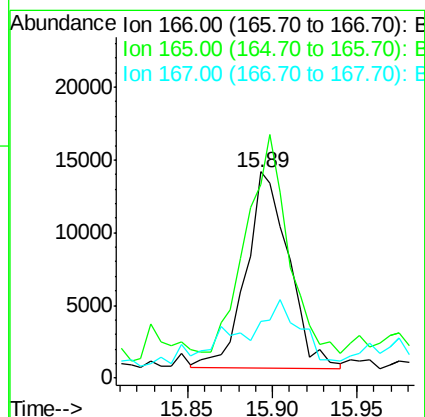
Tgt Ion:166 Resp: 23549

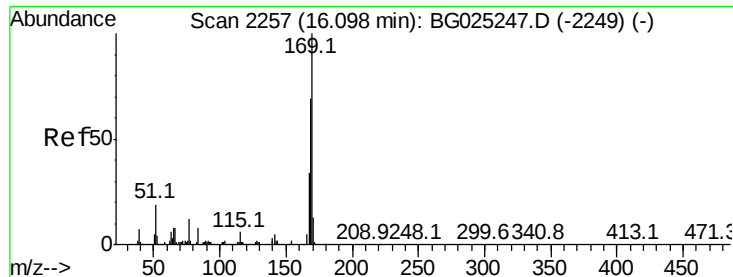
Ion Ratio Lower Upper

166 100

165 93.8 79.7 119.5

167 27.2 11.4 17.2#





#64

N-Nitrosodiphenylamine

Concen: 1.34 ng/ul

RT: 16.10 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

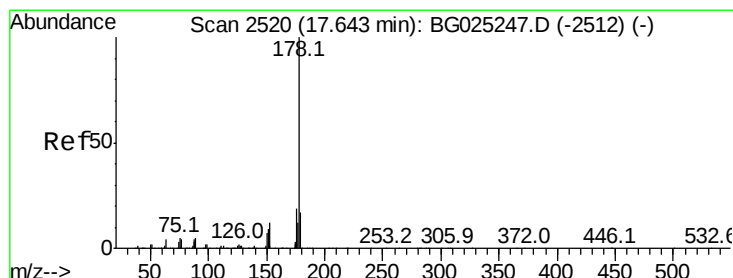
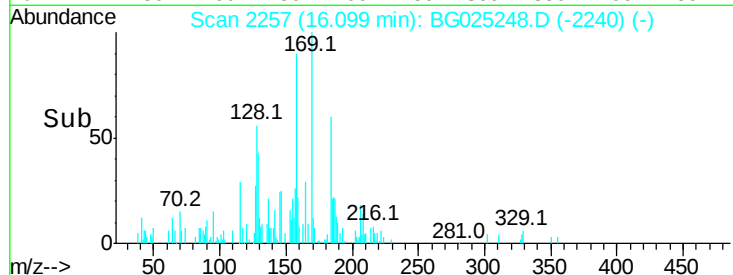
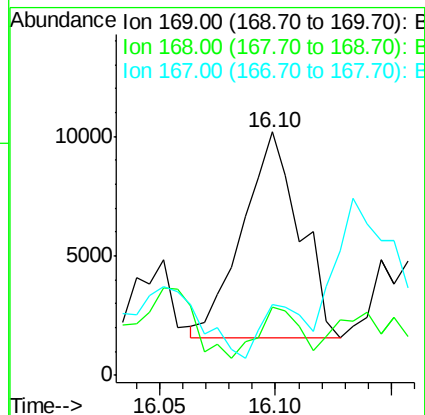
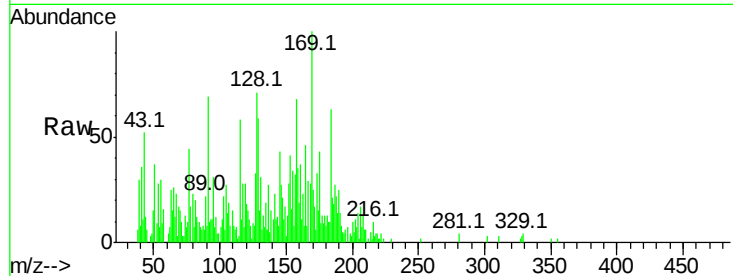
ClientSampleId :

DA8T7

Tot Ion:	169	Resp:	14700
Ion Ratio	Lower	Upper	
169	100		
168	28.3	59.1	88.7#
167	29.1	29.7	44.5#

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#69

Phenanthrene

Concen: 5.49 ng/ul

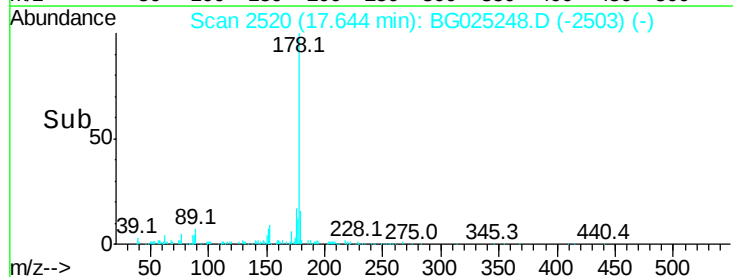
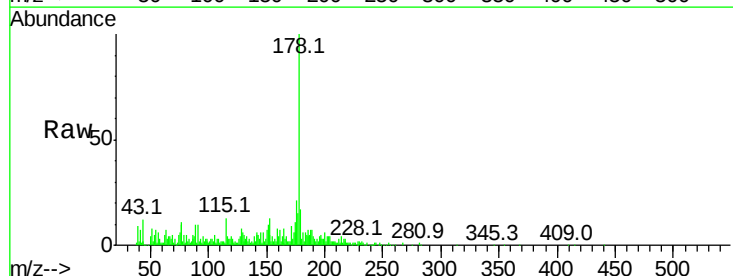
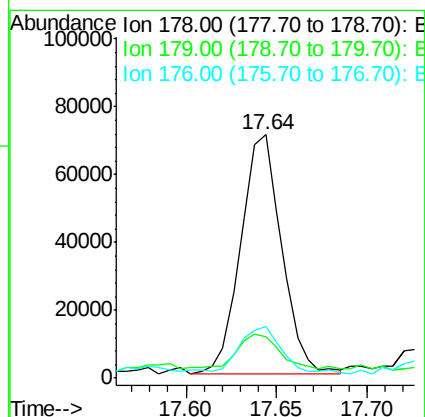
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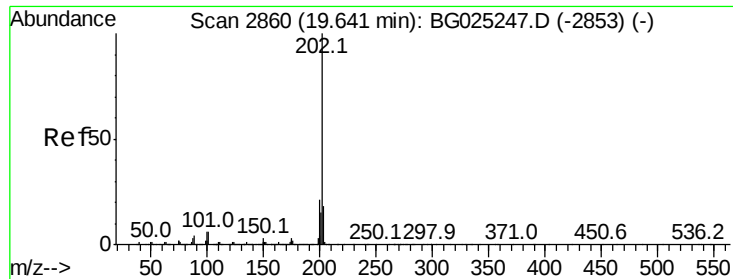
Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	178	Resp:	111689
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.4	18.6
176	21.4	16.5	24.7





#74

Fluoranthene

Concen: 2.83 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

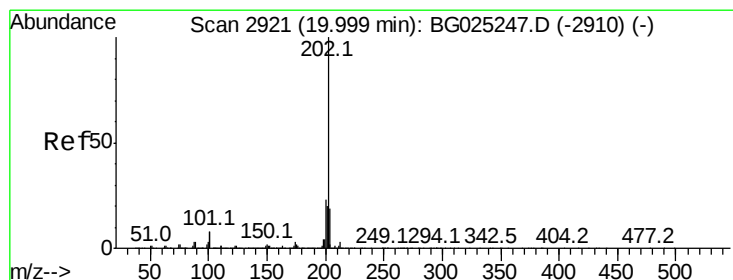
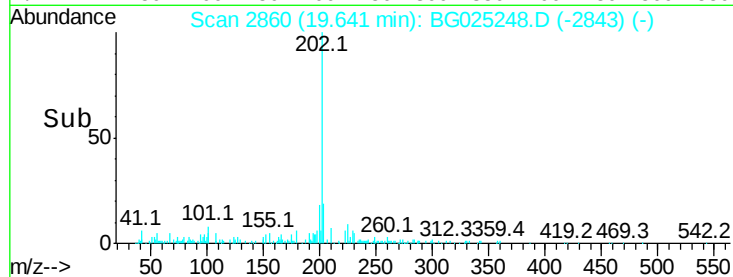
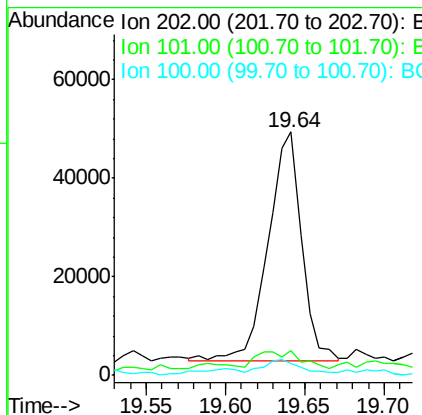
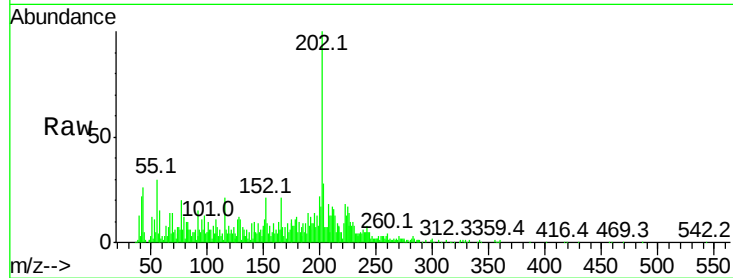
ClientSampleId :

DA8T7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	68295		
101	10.4	6.2	9.2#	
100	4.8	5.2	7.8#	

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#77

Pyrene

Concen: 3.89 ng/ul

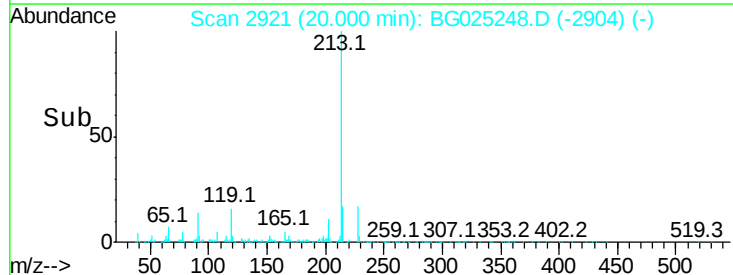
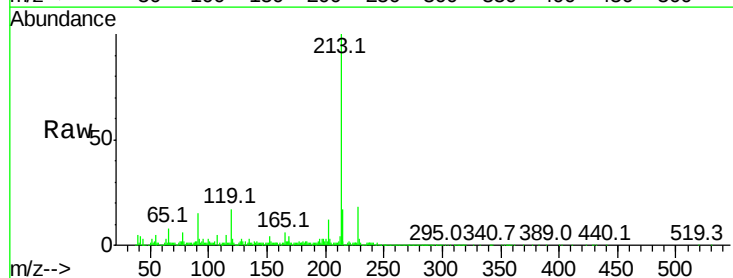
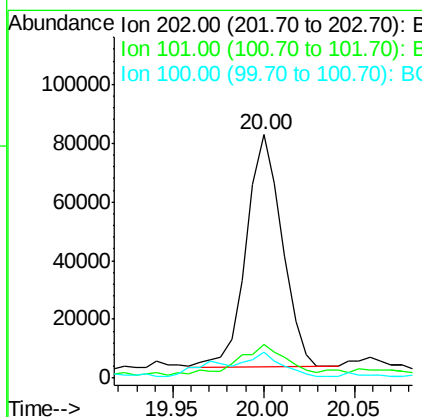
RT: 20.00 min Scan# 2921

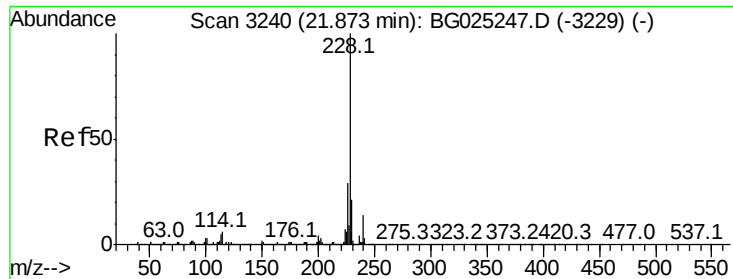
Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	108570		
101	13.9	6.9	10.3#	
100	10.9	6.6	10.0#	





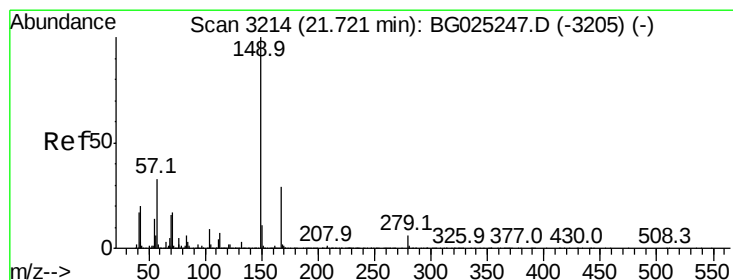
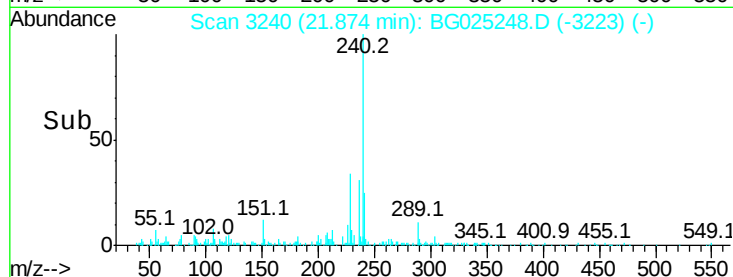
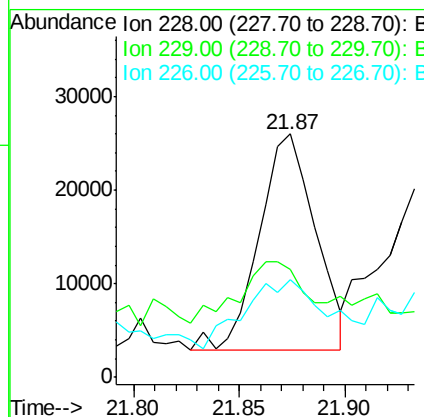
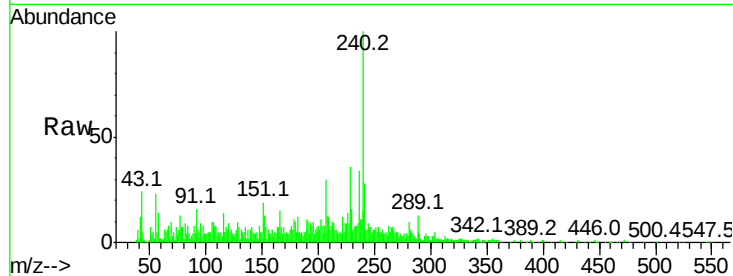
#80
Benzo(a)anthracene
Concen: 1.42 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tot Ion	Ratio	Lower	Upper
228	100		
229	44.2	16.3	24.5#
226	40.3	21.9	32.9#

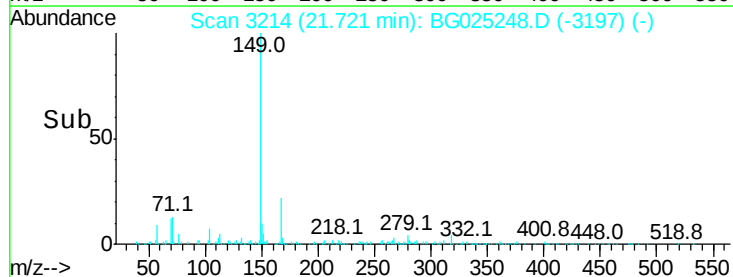
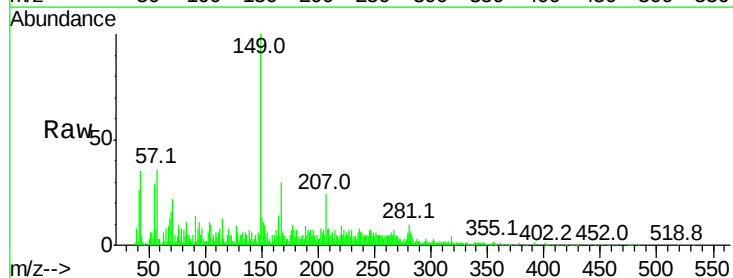
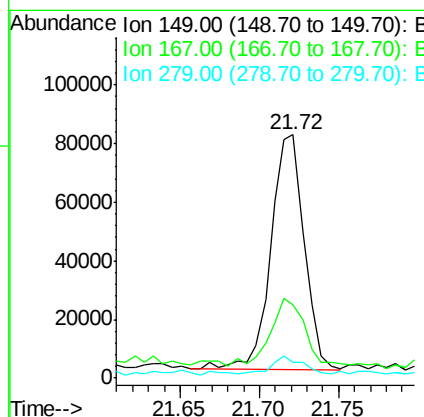
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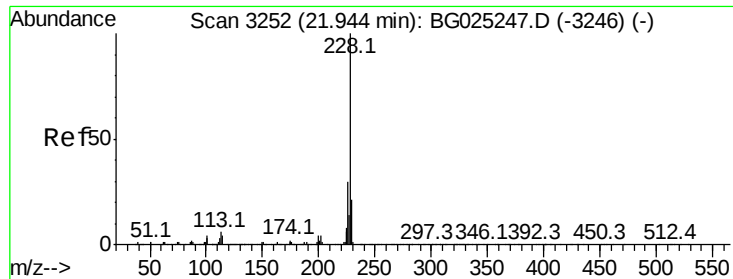
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#81
Bis(2-ethylhexyl)phthalate
Concen: 7.77 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.8	32.8
279	6.4	4.5	6.7





#82

Chrysene

Concen: 1.75 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

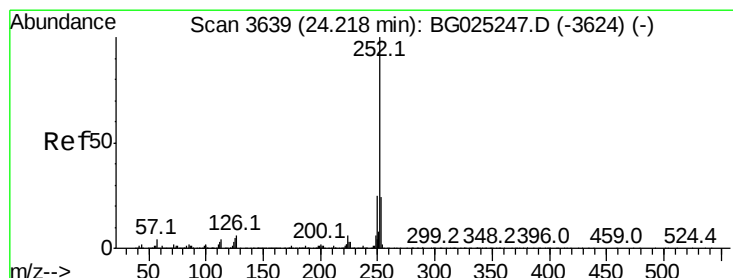
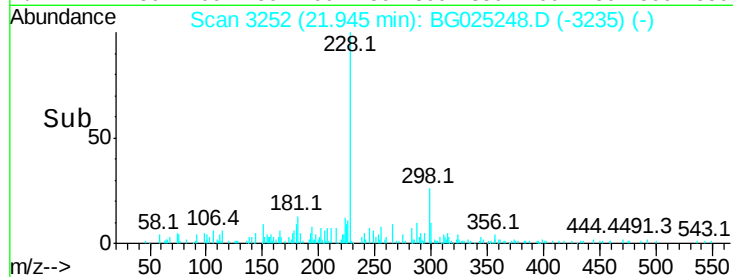
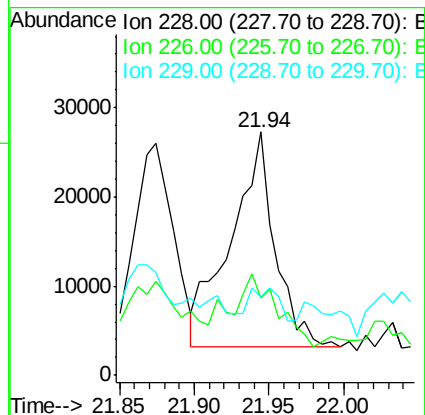
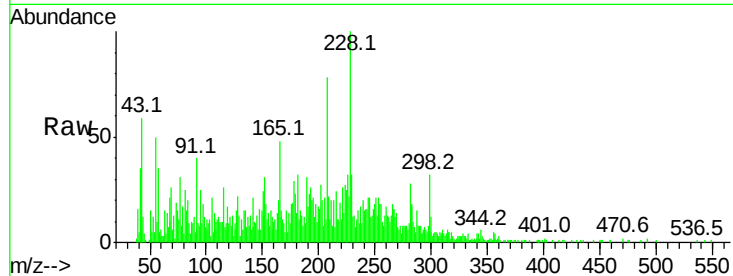
ClientSampleId :

DA8T7

Tot Ion:	228	Resp:	49515
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.0	36.0
229	32.3	16.9	25.3#

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#85

Benzo(b)fluoranthene

Concen: 3.10 ng/ul

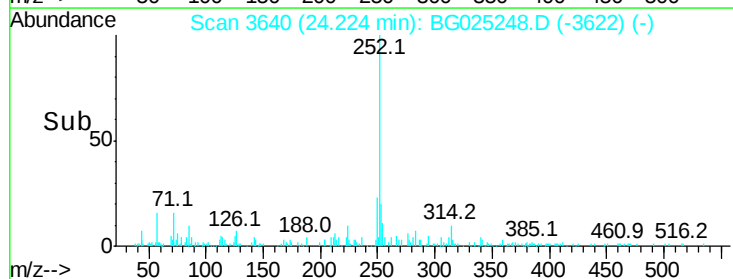
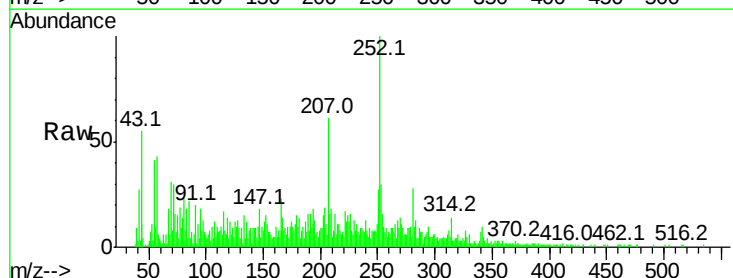
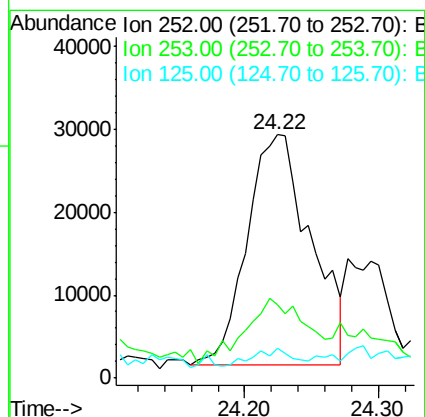
RT: 24.22 min Scan# 3640

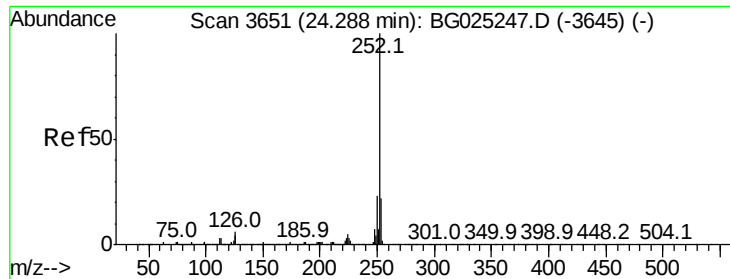
Delta R.T. 0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	252	Resp:	91244
Ion Ratio	Lower	Upper	
252	100		
253	30.0	17.7	26.5#
125	12.2	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 1.03 ng/ul

RT: 24.28 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

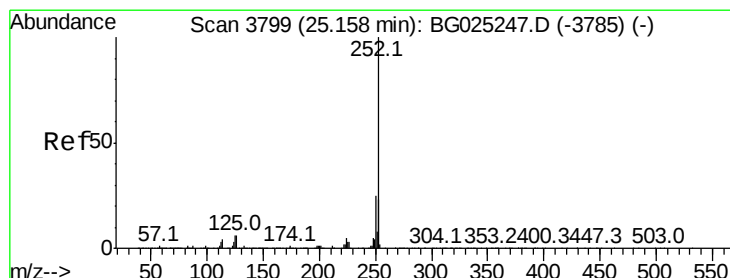
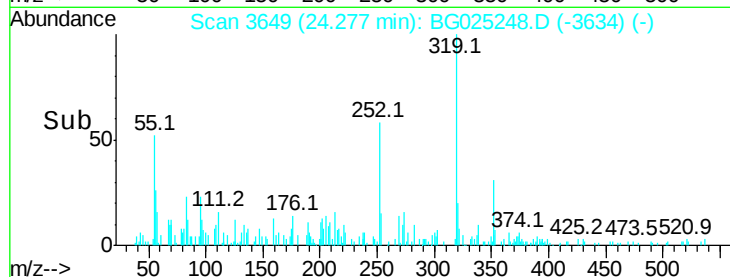
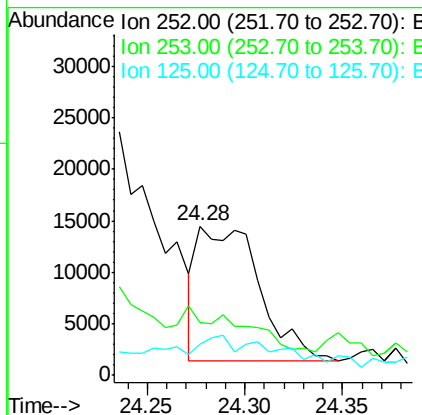
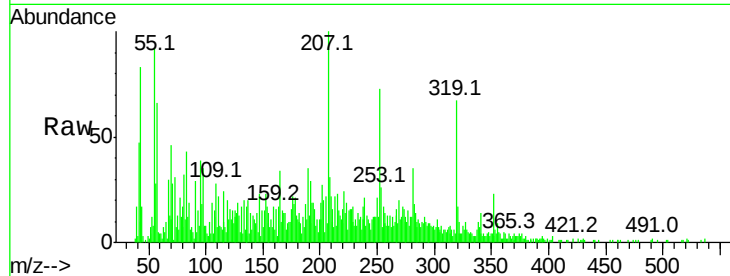
ClientSampleId :

DA8T7

Tot Ion:	252	Resp:	28767
Ion Ratio	Lower	Upper	
252	100		
253	35.5	18.5	27.7#
125	21.0	4.1	6.1#

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#88

Benzo(a)pyrene

Concen: 2.02 ng/ul

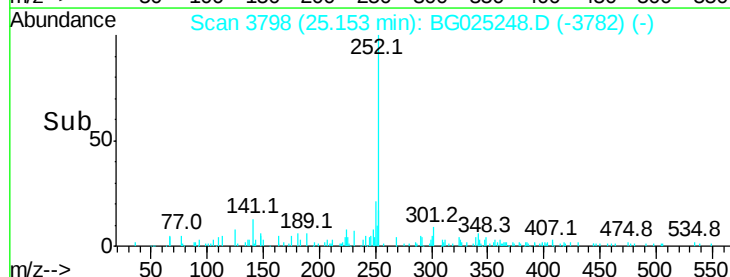
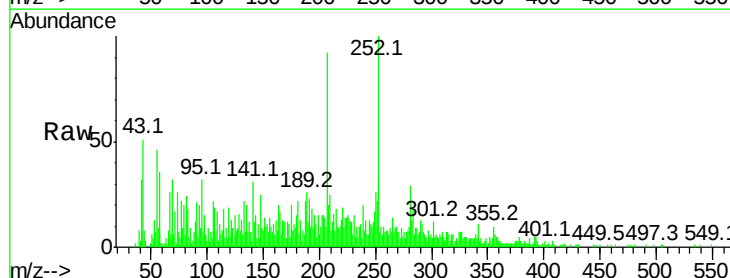
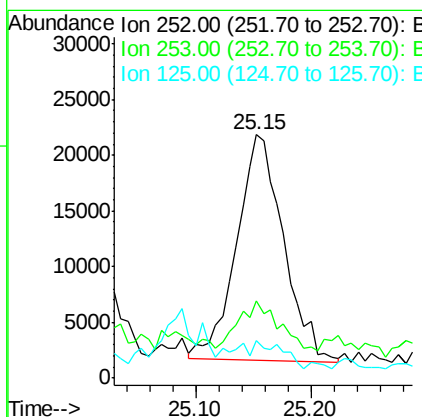
RT: 25.15 min Scan# 3798

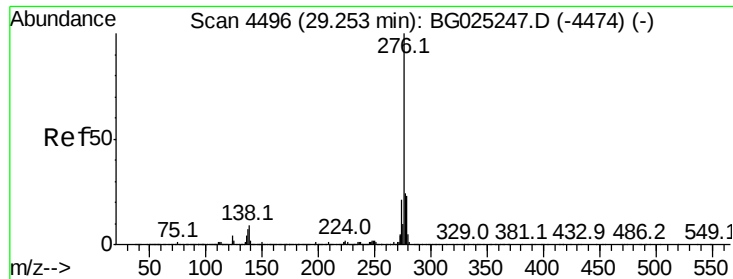
Delta R.T. -0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	252	Resp:	56990
Ion Ratio	Lower	Upper	
252	100		
253	31.7	17.8	26.6#
125	15.3	5.4	8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.27 ng/ul

RT: 29.29 min Scan# 4502

Delta R.T. 0.04 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Instrument :

BNA_G

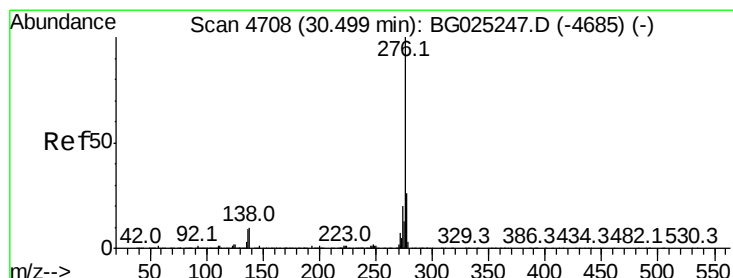
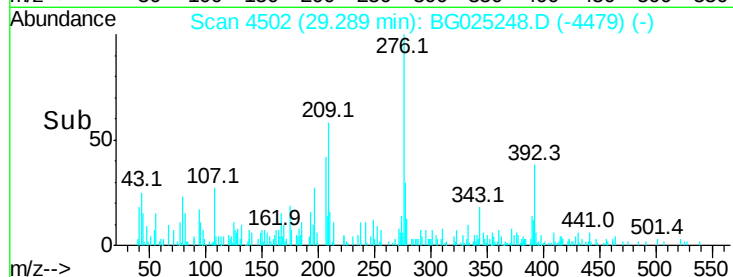
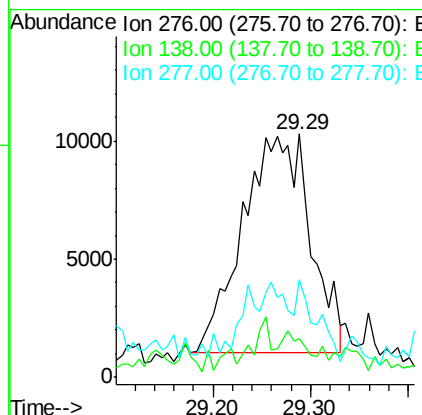
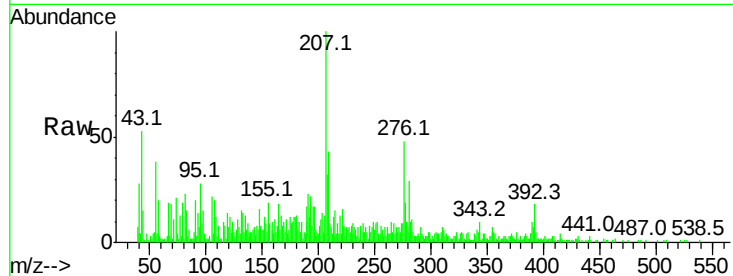
ClientSampleId :

DA8T7

Tot Ion:	276	Resp:	44566
Ion Ratio	Lower	Upper	
276	100		
138	15.9	8.2	12.4#
277	40.1	18.6	28.0#

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#91

Benzo(g,h,i)perylene

Concen: 1.84 ng/ul m

RT: 30.51 min Scan# 4710

Delta R.T. 0.01 min

Lab File: BG025248.D

Acq: 16 Dec 2016 21:16

Tgt Ion:	276	Resp:	53868
Ion Ratio	Lower	Upper	
276	100		
138	16.6	8.6	12.8#
277	21.5	17.6	26.4

