

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025038.D
 Acq On : 9 Dec 2016 15:25
 Operator : UM/SJ
 Sample : H5863-10MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y8MS

Manual Integrations
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Quant Time: Dec 12 02:24:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	112098	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	474888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388162	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	766448	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	908083	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	950539	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7296	3.36	ng/uL	0.01
5) Phenol-d5	7.39	99	183267	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127435	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	146823	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	142408	17.62	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	79556	23.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	98258	23.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	174401	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	88280	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	603006	22.58	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	661262	22.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	53777	11.72	ng/ul	0.01
57) Fluorene-d10	15.86	176	543548	21.63	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.97	200	99707	21.04	ng/ul	0.00
70) Anthracene-d10	17.71	188	775481	23.97	ng/ul	0.00
76) Pyrene-d10	19.98	212	796042	21.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	800312	20.78	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.42	94	229443	23.11	ng/ul	96
10) 2-Chlorophenol	7.81	128	138129	20.32	ng/ul	90
11) 2-Methylphenol	8.68	108	7682	1.05	ng/ul#	48
15) N-Nitroso-di-n-propylamine	9.05	70	153792	21.65	ng/ul#	86
16) 4-Methylphenol	9.01	108	9630	1.18	ng/ul	84
24) 2,4-Dimethylphenol	10.22	107	13318	1.37	ng/ul#	58
33) 4-Chloro-3-methylphenol	12.33	107	186670	19.35	ng/ul	95
34) 2-Methylnaphthalene	12.71	142	20338	1.17	ng/ul	86
44) Dimethylphthalate	14.31	163	134702	5.13	ng/ul#	99
47) Acenaphthylene	14.60	152	33495	1.18	ng/ul#	87
49) Acenaphthene	14.93	153	438435	22.51	ng/ul	99
52) 4-Nitrophenol	15.08	109	70555	12.78	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	187055	22.01	ng/ul#	95
68) Pentachlorophenol	17.25	266	123195	21.05	ng/ul	91
69) Phenanthrene	17.65	178	50702	1.39	ng/ul#	93
74) Fluoranthene	19.65	202	360571	8.29	ng/ul#	94
77) Pyrene	20.01	202	1244006	28.50	ng/ul	97
80) Benzo(a)anthracene	21.88	228	302788	6.42	ng/ul	93
82) Chrysene	21.95	228	516327	11.70	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	998874	21.19	ng/ul	96
86) Benzo(k)fluoranthene	24.30	252	314170	7.01	ng/ul	96
88) Benzo(a)pyrene	25.16	252	432724	9.55	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.26	276	527246m	9.36	ng/ul	

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 11 23:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	29.31	278	154500m	3.26	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	423944m	9.02	ng/ul	

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

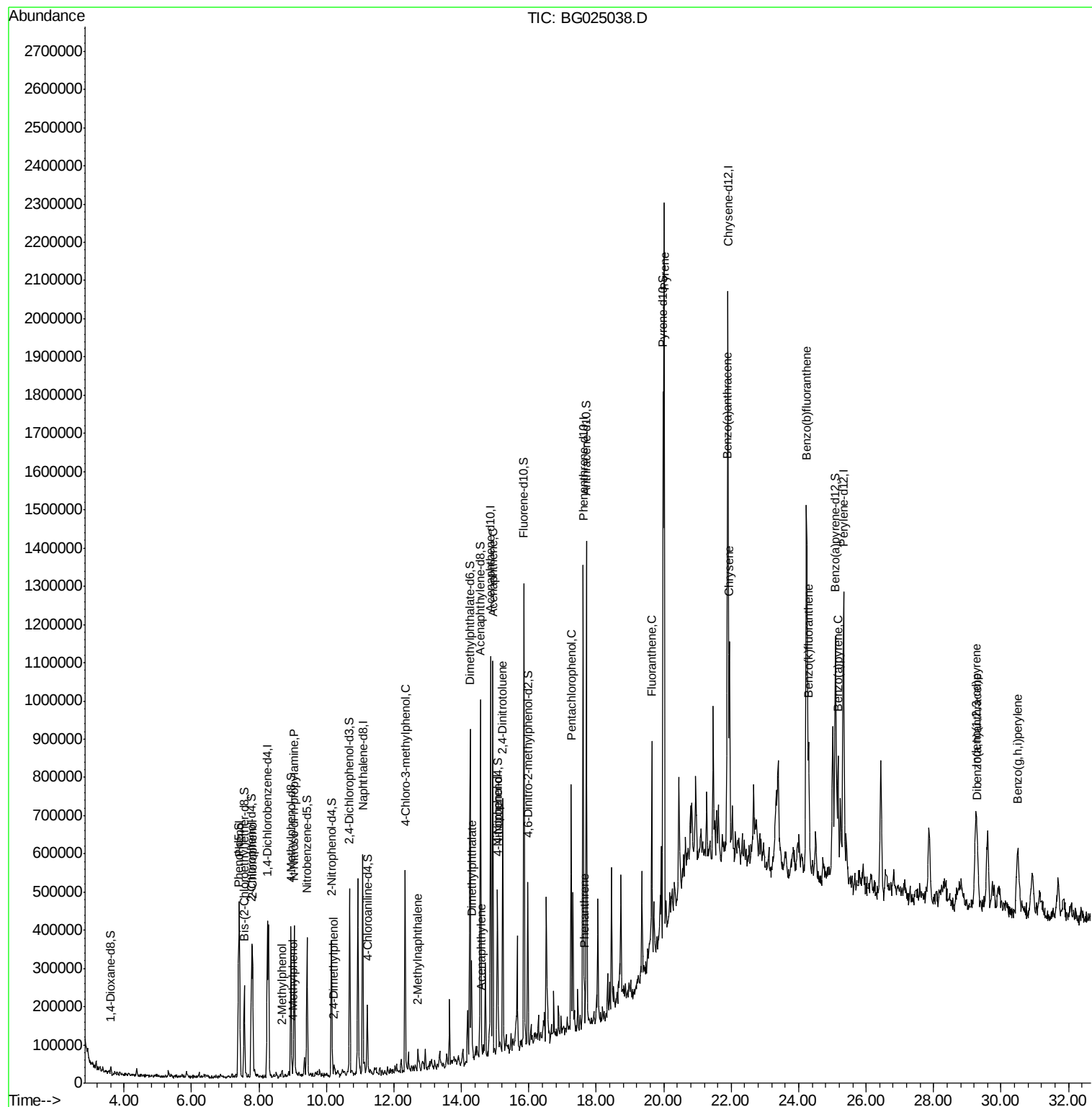
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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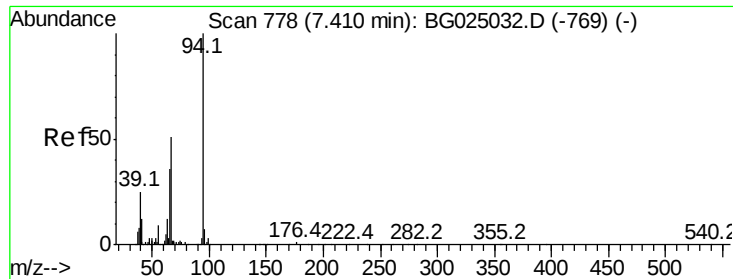
Instrument :
BNA_G
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#6

Phenol

Concen: 23.11 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

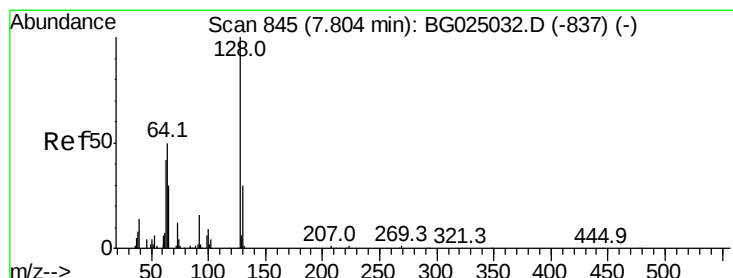
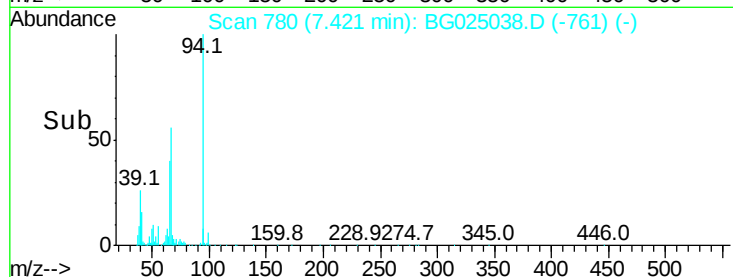
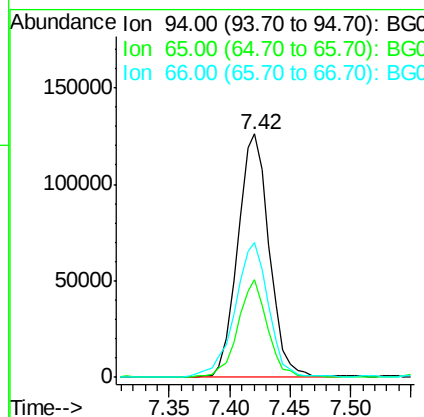
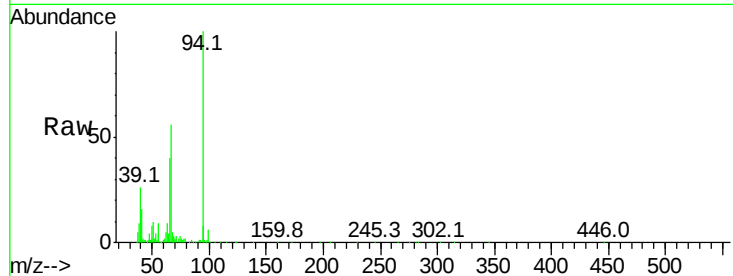
ClientSampleId :

DA7Y8MS

Tot Ion:	94	Resp:	229443
Ion Ratio	Lower	Upper	
94	100		
65	39.9	26.8	40.2
66	55.6	44.4	66.6

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#10

2-Chlorophenol

Concen: 20.32 ng/ul

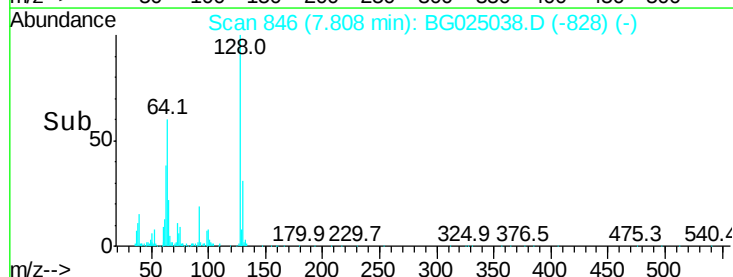
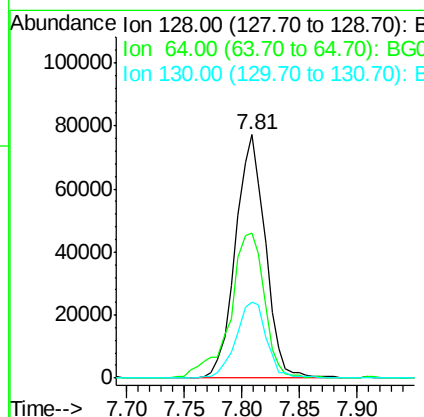
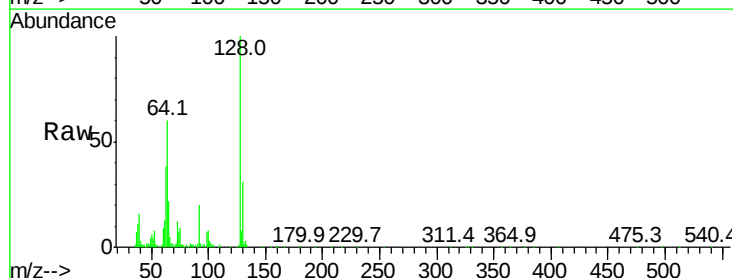
RT: 7.81 min Scan# 846

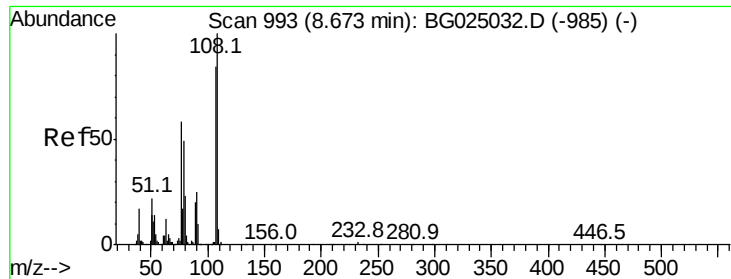
Delta R.T. 0.00 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Tgt Ion:	128	Resp:	138129
Ion Ratio	Lower	Upper	
128	100		
64	59.6	56.3	84.5
130	31.2	26.7	40.1





#11

2-Methylphenol

Concen: 1.05 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

ClientSampleId :

DA7Y8MS

Tot Ion:108 Resp: 7682

Ion Ratio Lower Upper

108 100

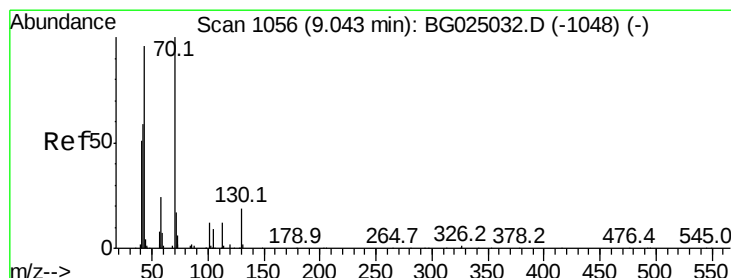
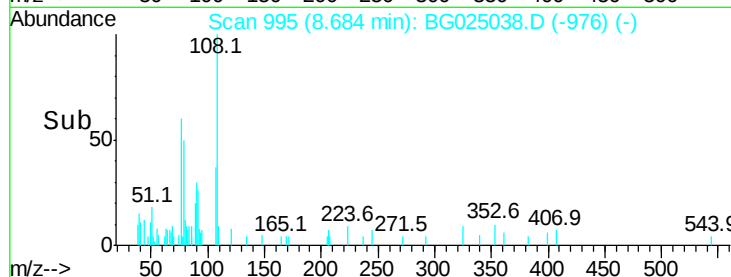
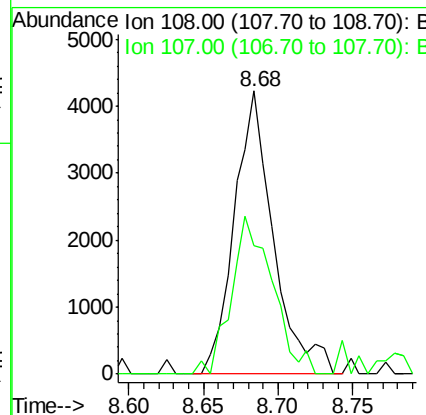
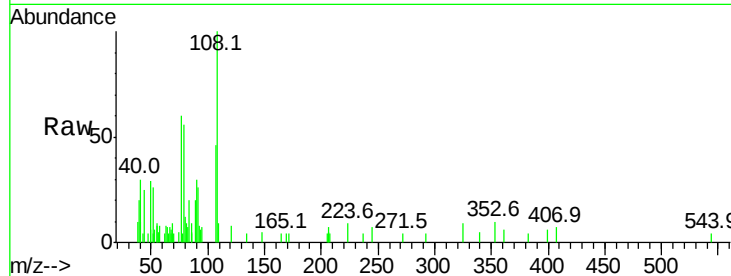
107 45.6 76.7 115.1#

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#15

N-Nitroso-di-n-propylamine

Concen: 21.65 ng/ul

RT: 9.05 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Tgt Ion: 70 Resp: 153792

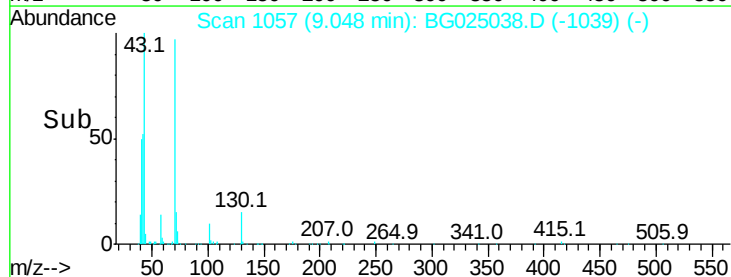
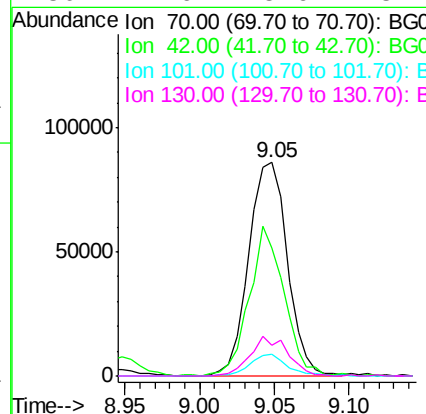
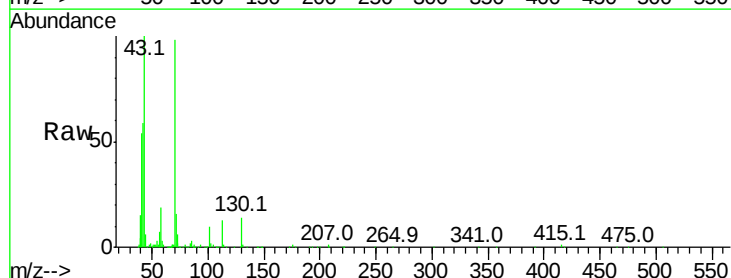
Ion Ratio Lower Upper

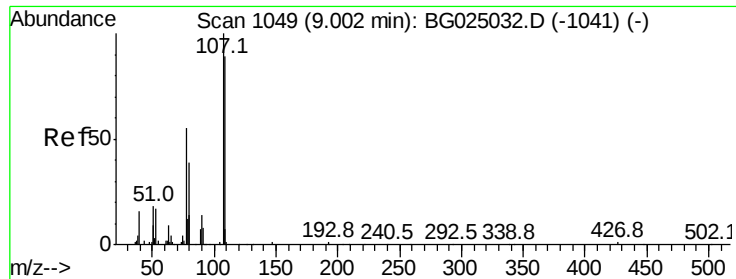
70 100

42 60.0 59.0 88.6

101 10.3 6.6 9.8#

130 14.6 15.6 23.4#





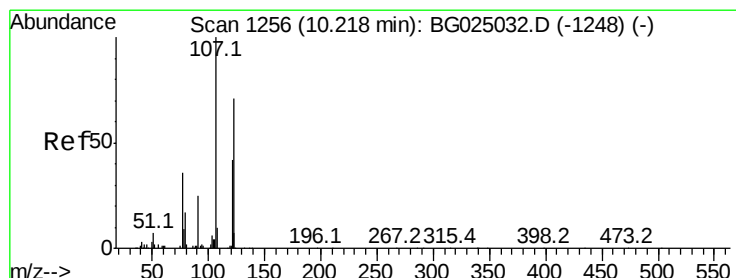
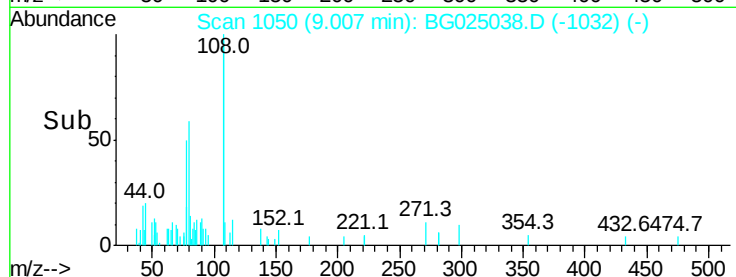
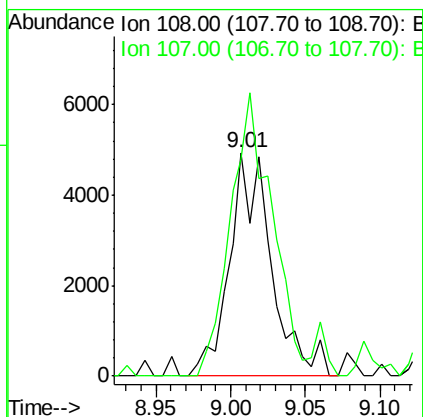
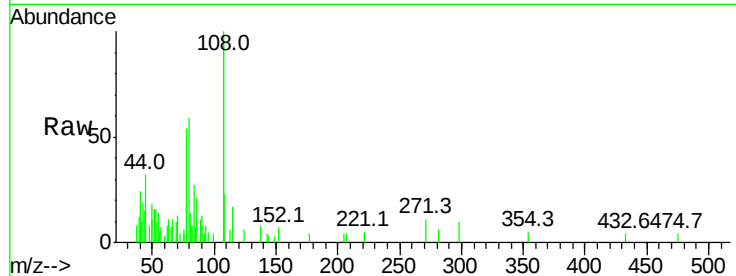
#16
4-Methylphenol
Concen: 1.18 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Instrument :
BNA_G
ClientSampleId :
DA7Y8MS

Tot Ion	Ratio	Resp	Lower	Upper
108	100	9630		
107	97.1	91.7	137.5	

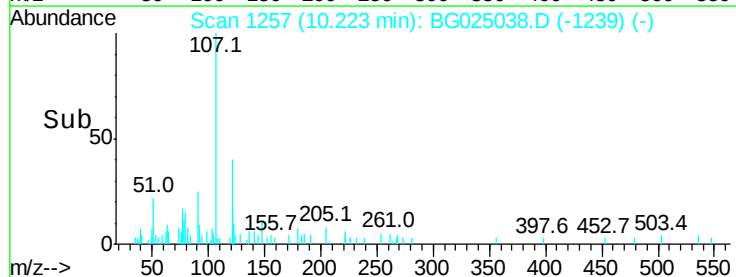
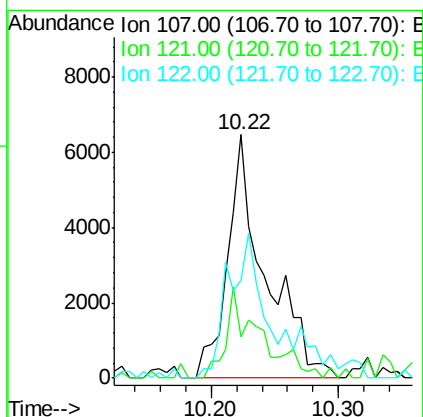
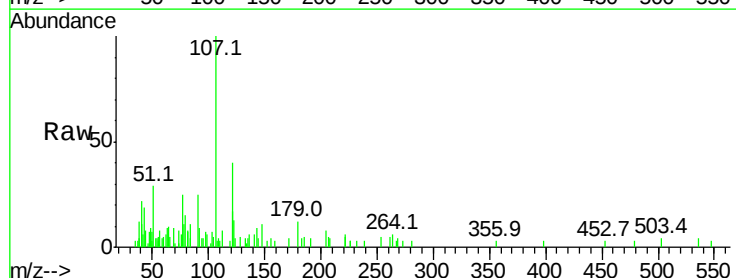
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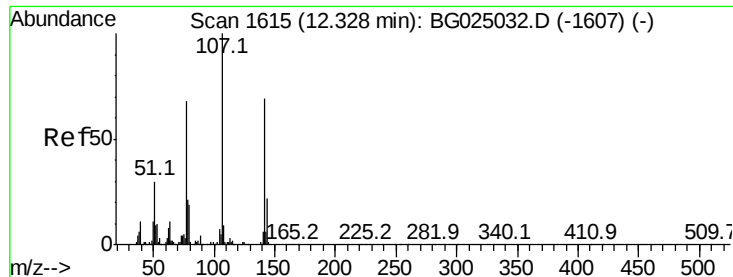
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#24
2,4-Dimethylphenol
Concen: 1.37 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	13318		
121	16.4	32.3	48.5#	
122	39.3	61.2	91.8#	





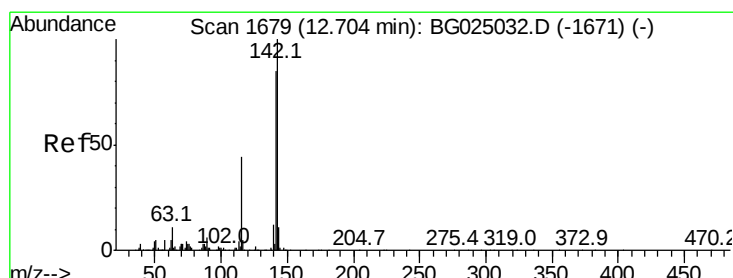
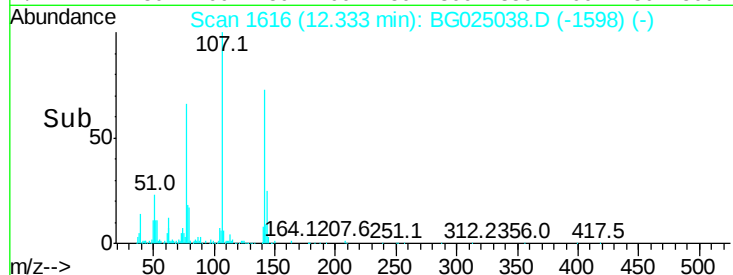
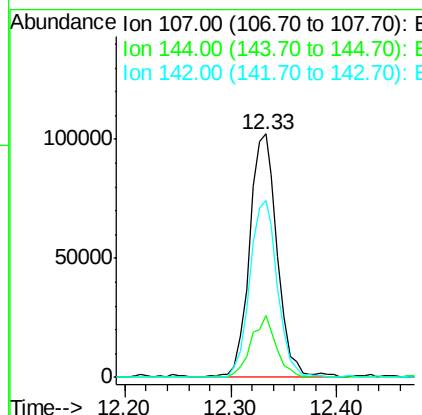
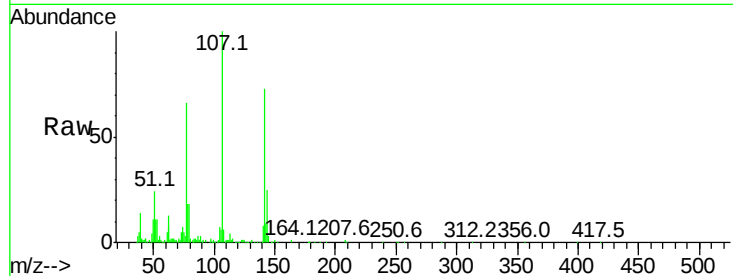
#33
4-Chloro-3-methylphenol
Concen: 19.35 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Instrument :
BNA_G
ClientSampleId :
DA7Y8MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.4	18.2	27.4
142	72.9	55.0	82.4

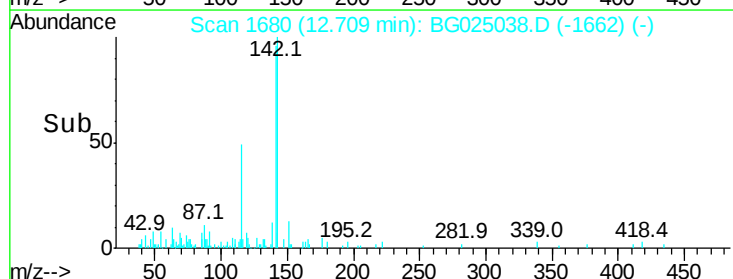
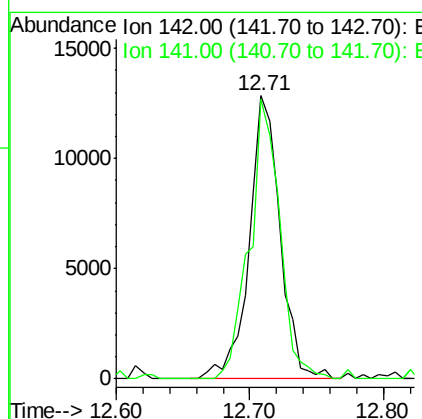
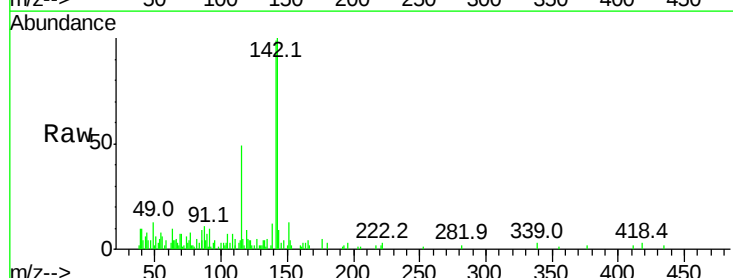
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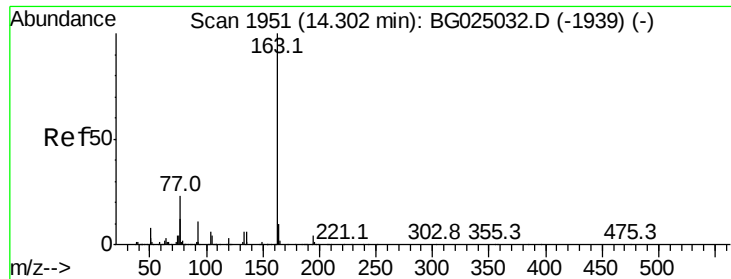
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#34
2-Methylnaphthalene
Concen: 1.17 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.6	68.6	102.8





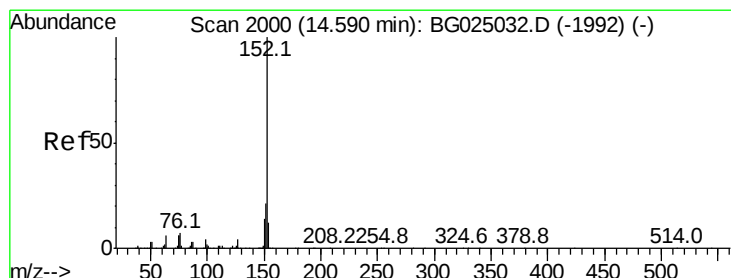
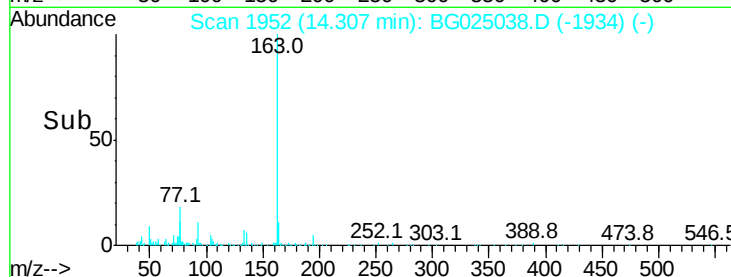
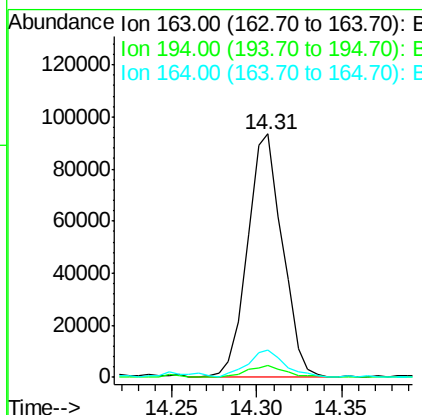
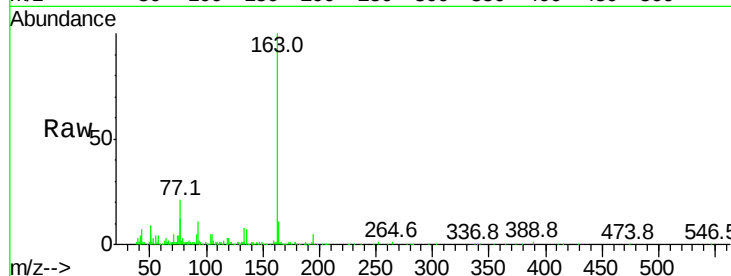
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Dimethylphthalate
Concen: 5.13 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Instrument :
BNA_G
ClientSampleId :
DA7Y8MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	134702		
194	5.1	3.4	5.0#	
164	11.3	9.0	13.4	

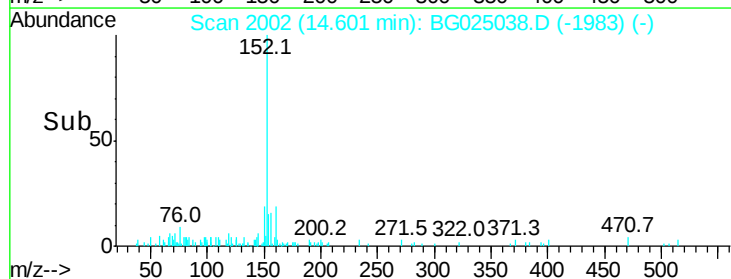
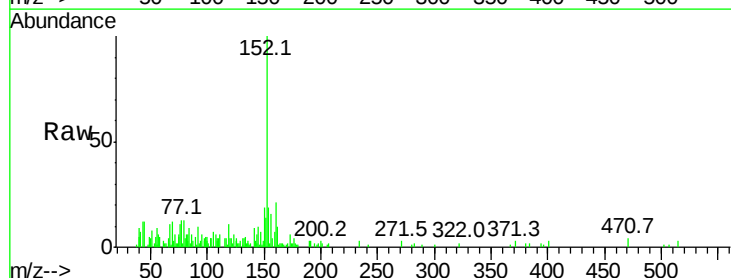
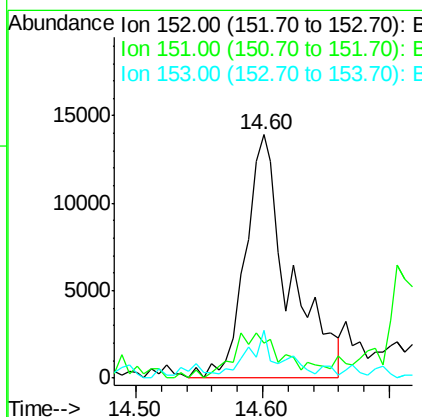
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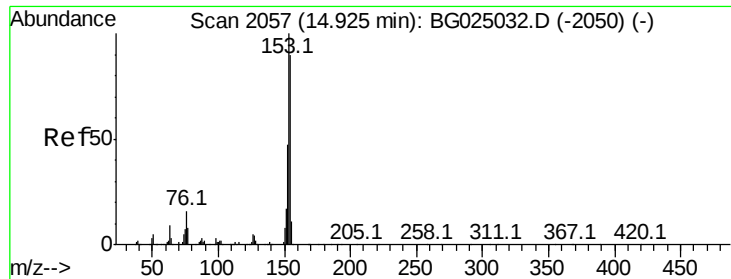
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#47
Acenaphthylene
Concen: 1.18 ng/ul
RT: 14.60 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	33495		
151	14.4	16.7	25.1#	
153	19.4	11.4	17.2#	





#49

Acenaphthene

Concen: 22.51 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

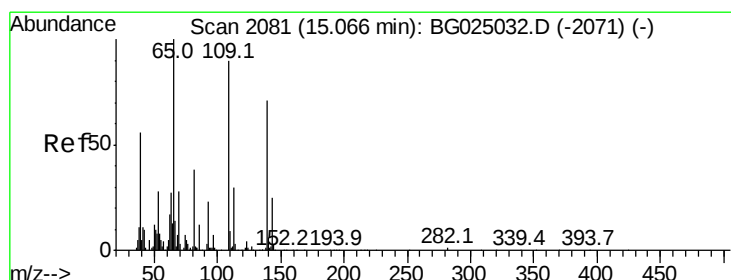
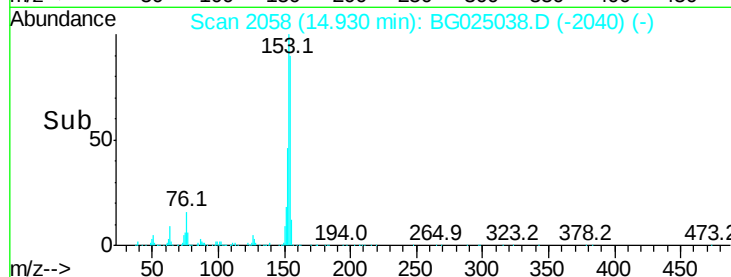
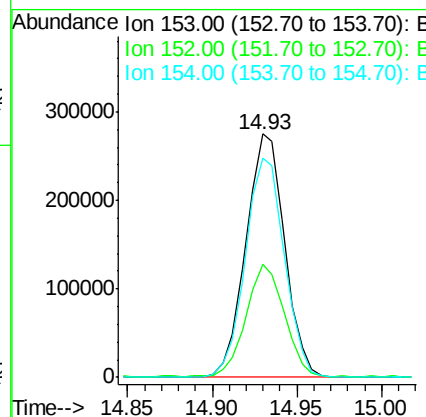
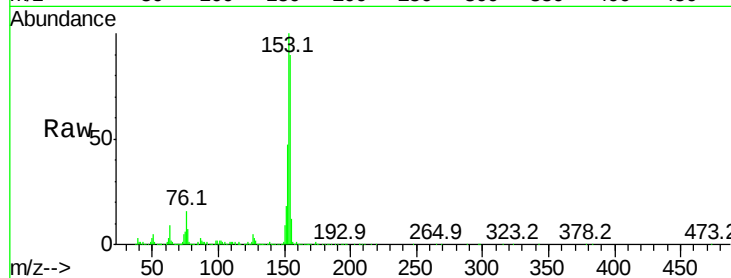
ClientSampleId :

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Tot Ion:	153	Resp:	438435
Ion Ratio	Lower	Upper	
153	100		
152	46.5	36.5	54.7
154	90.0	72.3	108.5

Manual Integrations
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#52

4-Nitrophenol

Concen: 12.78 ng/ul

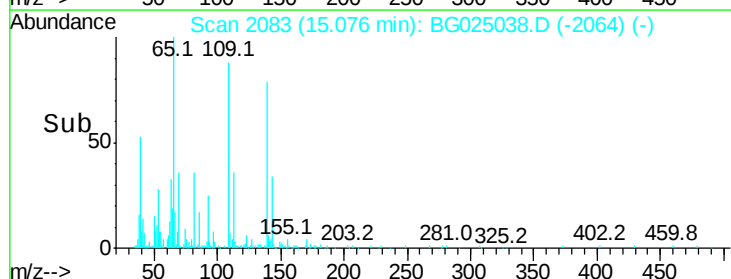
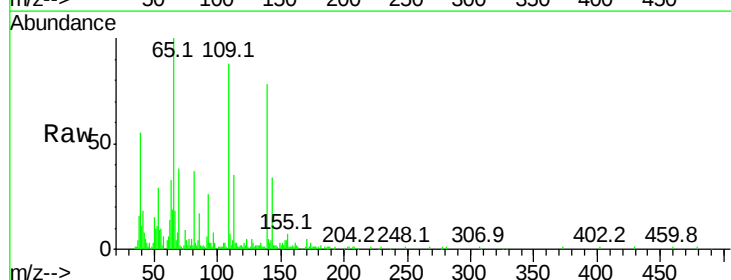
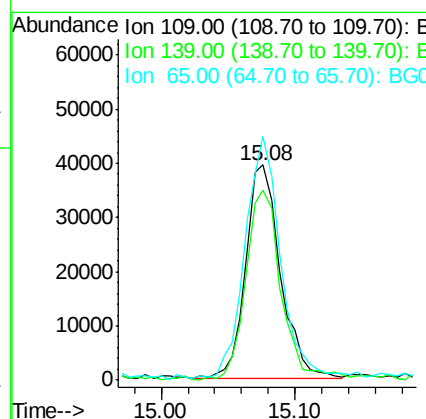
RT: 15.08 min Scan# 2083

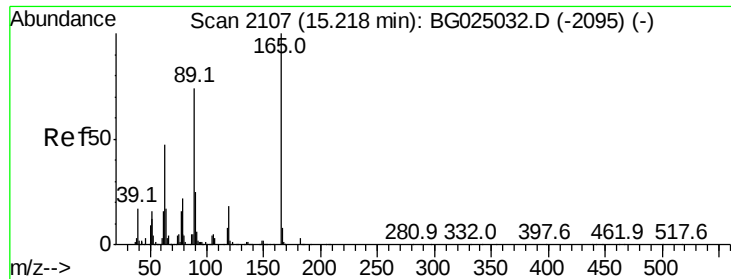
Delta R.T. 0.01 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Tgt Ion:	109	Resp:	70555
Ion Ratio	Lower	Upper	
109	100		
139	88.3	62.6	93.8
65	113.1	90.4	135.6





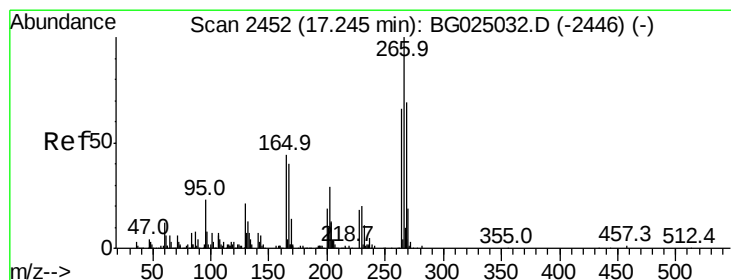
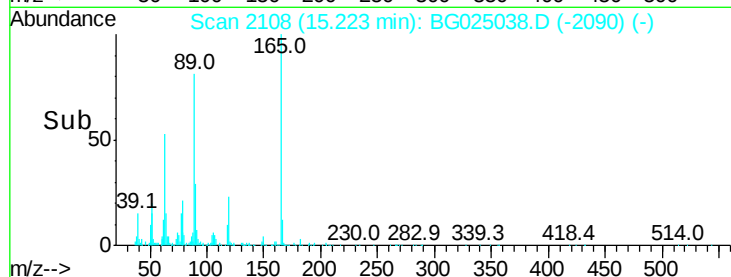
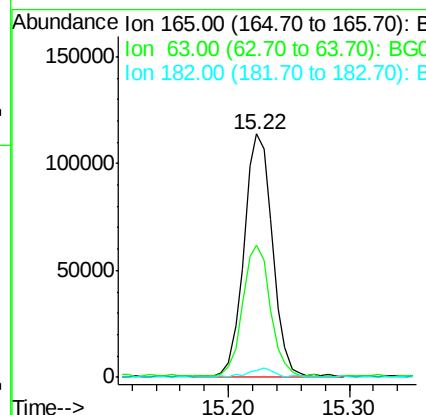
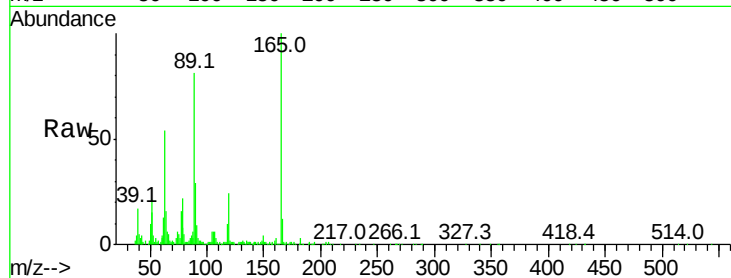
#54
 2,4-Dinitrotoluene
 Concen: 22.01 ng/ul
 RT: 15.22 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG025038.D
 Acq: 9 Dec 2016 15:25

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y8MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.5	46.8	70.2
182	3.0	1.8	2.6

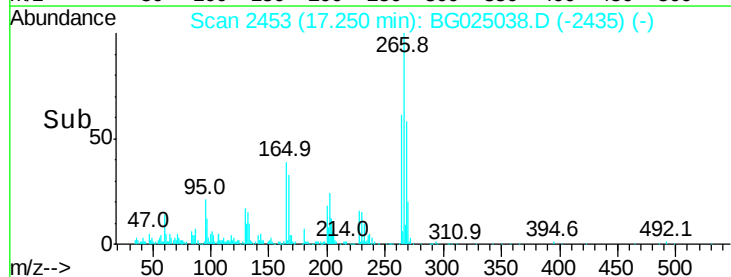
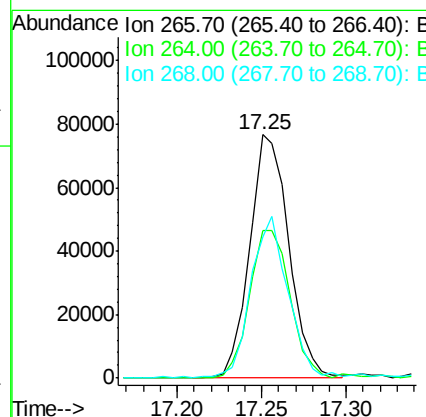
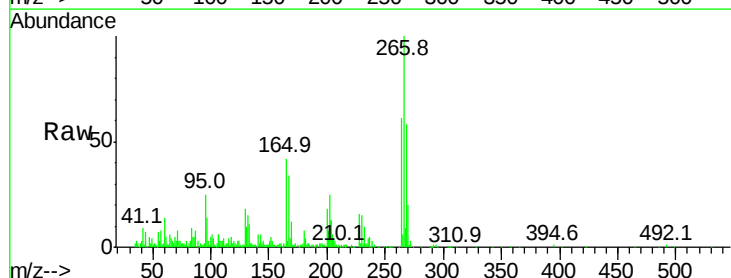
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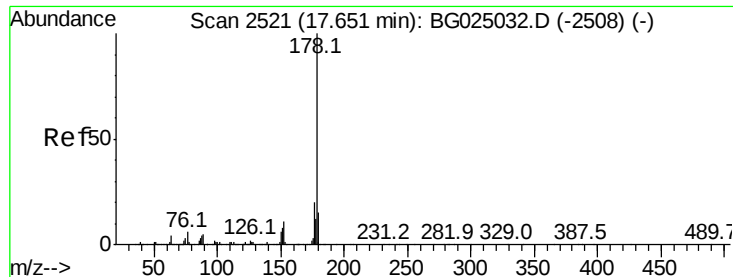
Sohil
 12/12/2016 4:28:13 PM



#68
 Pentachlorophenol
 Concen: 21.05 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BG025038.D
 Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	60.8	47.1	70.7
268	57.9	56.2	84.4





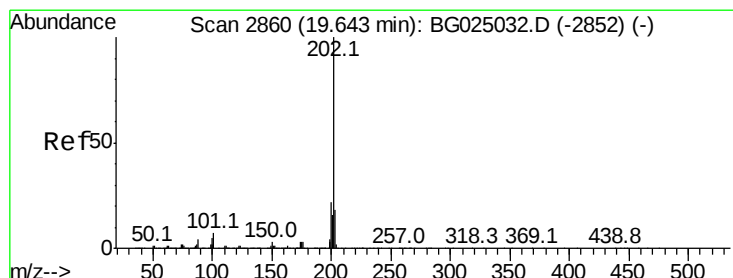
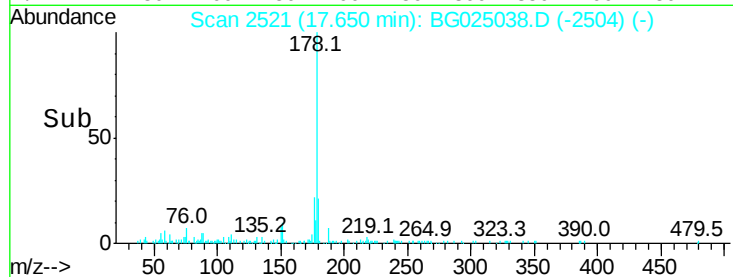
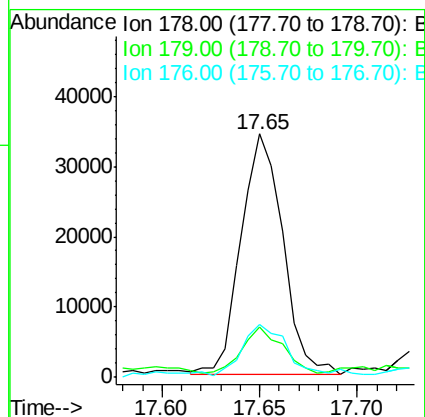
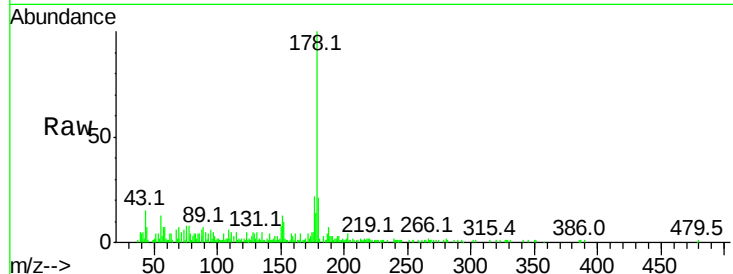
#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Instrument :
BNA_G
ClientSampleId :
DA7Y8MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.4	18.6#
176	21.7	16.5	24.7

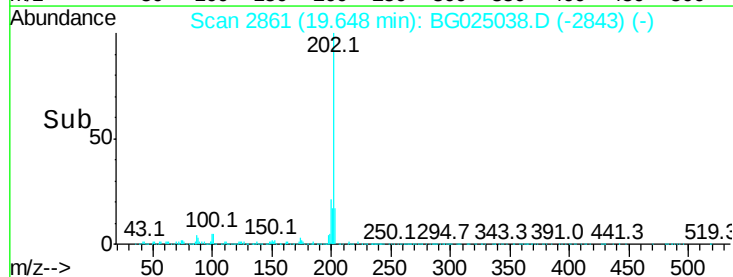
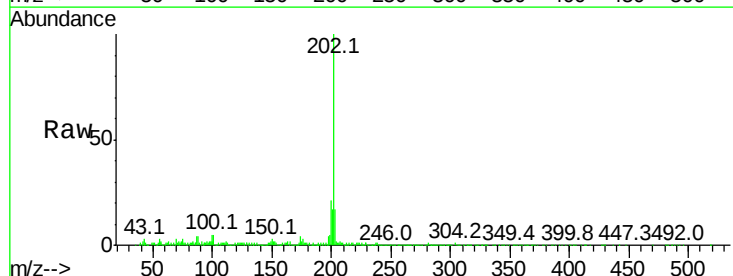
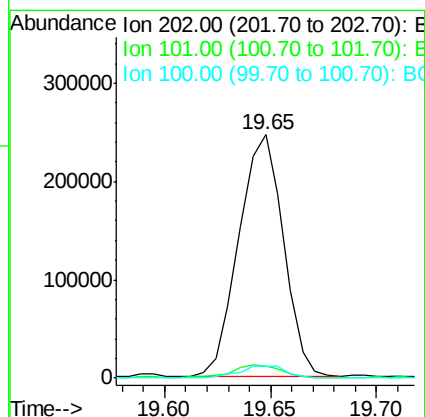
Manual Integrations
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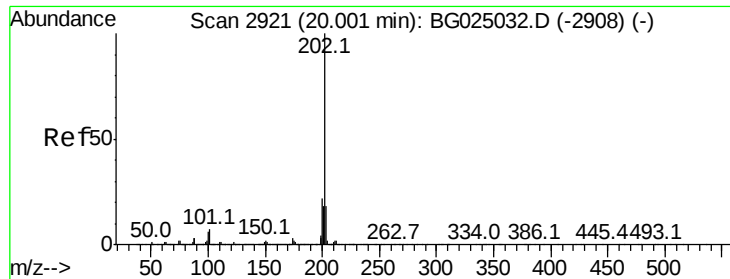
Sohil
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#74
Fluoranthene
Concen: 8.29 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.1	6.2	9.2#
100	4.7	5.2	7.8#





#77

Pvrene

Concen: 28.50 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

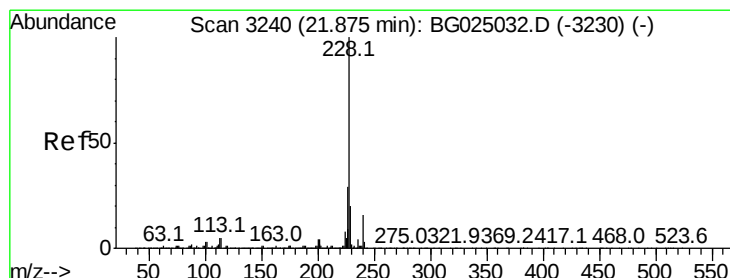
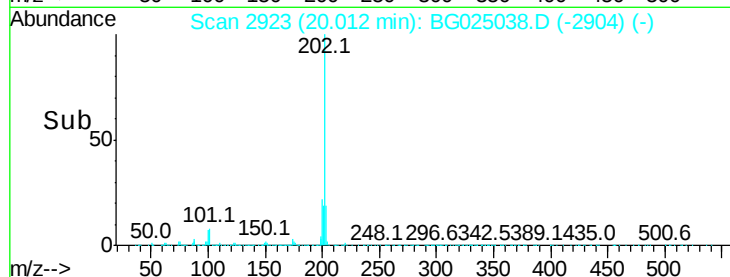
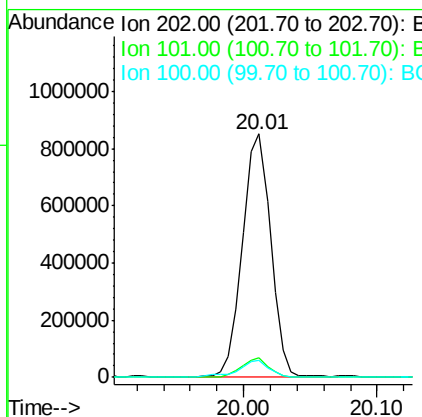
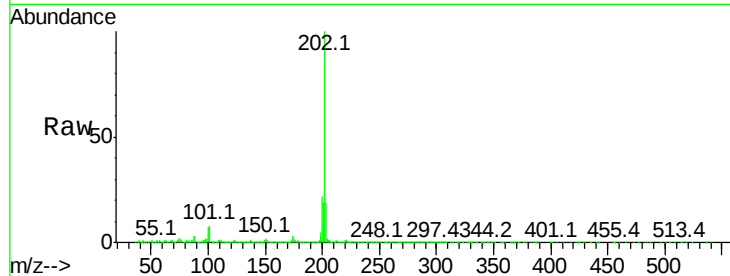
ClientSampleId :

DA7Y8MS

Tot Ion:	202	Resp:	1244006
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	7.0	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 6.42 ng/ul

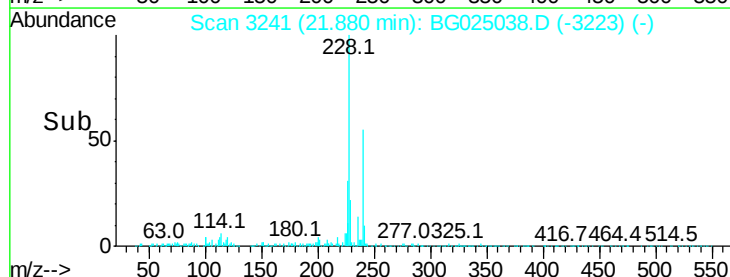
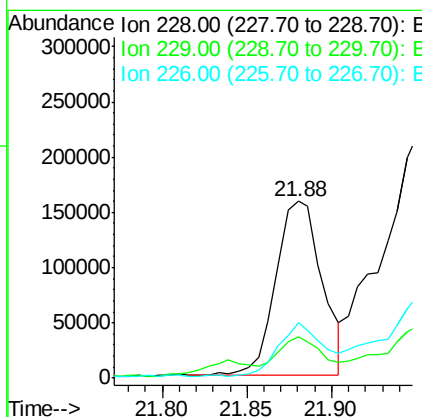
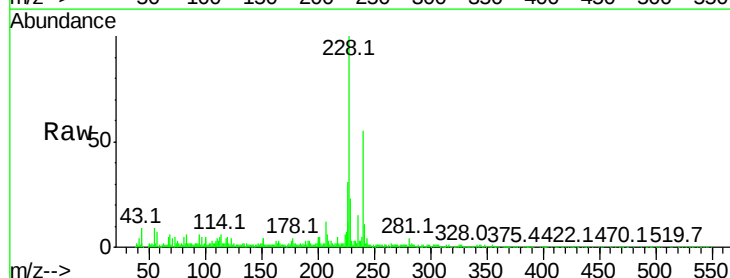
RT: 21.88 min Scan# 3241

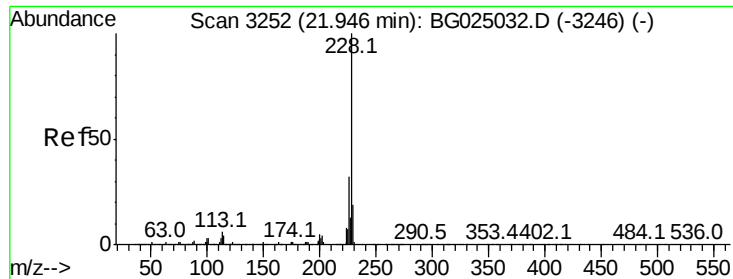
Delta R.T. 0.00 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Tgt Ion:	228	Resp:	302788
Ion Ratio	Lower	Upper	
228	100		
229	23.3	16.3	24.5
226	31.1	21.9	32.9





#82

Chrysene

Concen: 11.70 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

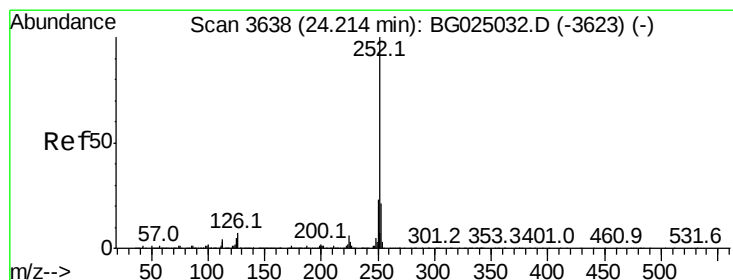
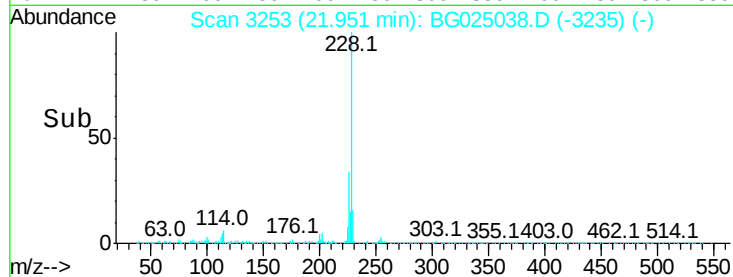
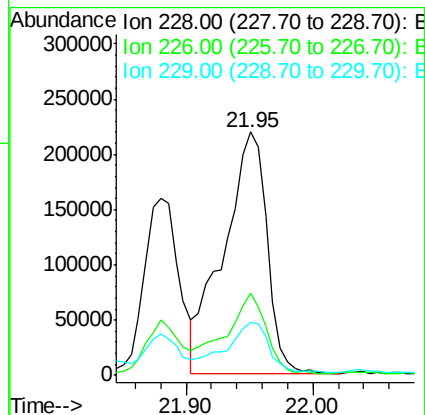
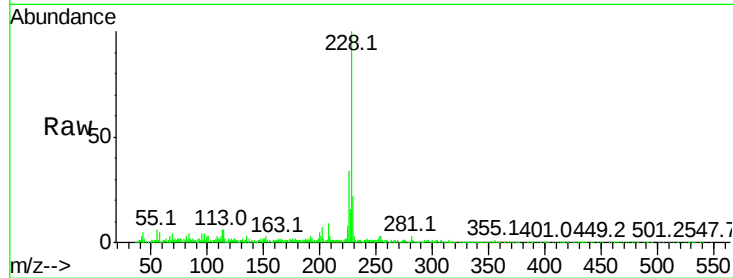
ClientSampleId :

DA7Y8MS

Tot Ion:	228	Resp:	516327
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.0	36.0
229	21.6	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 21.19 ng/ul

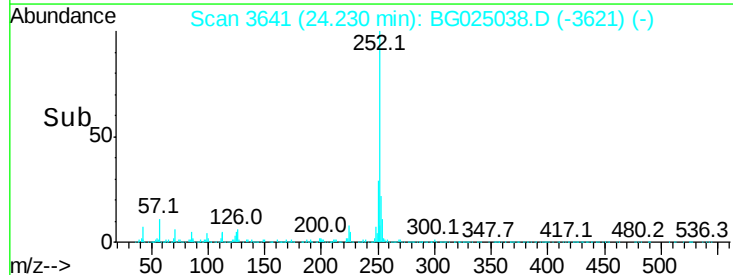
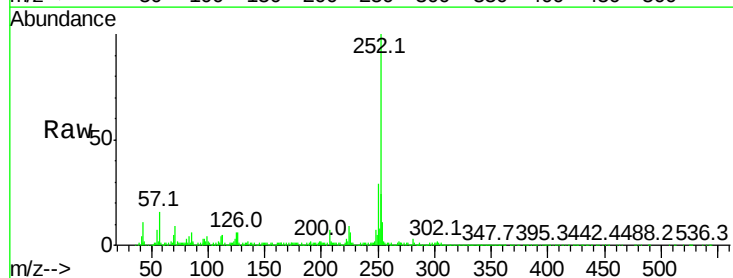
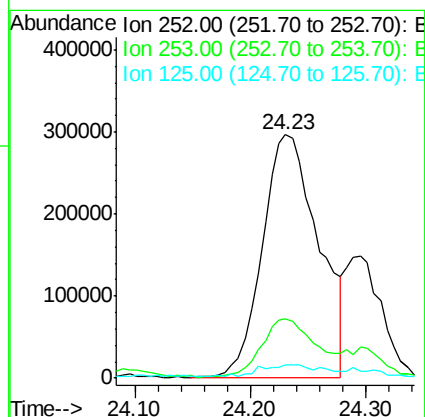
RT: 24.23 min Scan# 3641

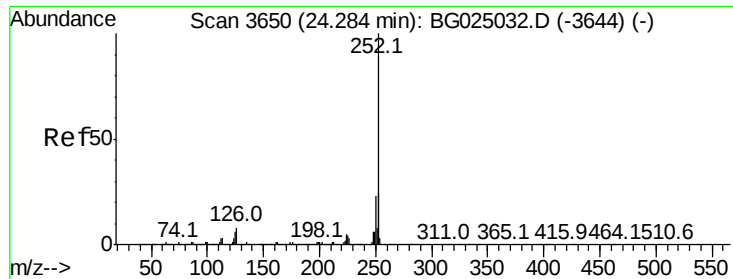
Delta R.T. 0.02 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Tgt Ion:	252	Resp:	998874
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.7	26.5
125	5.7	4.0	6.0





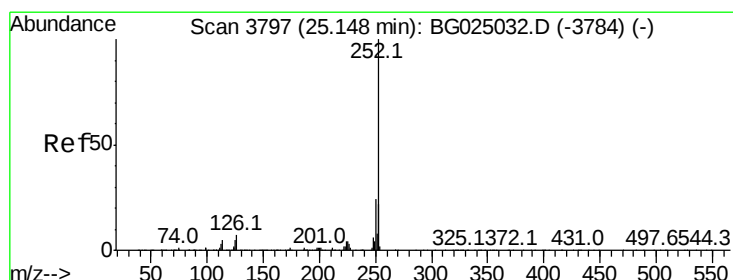
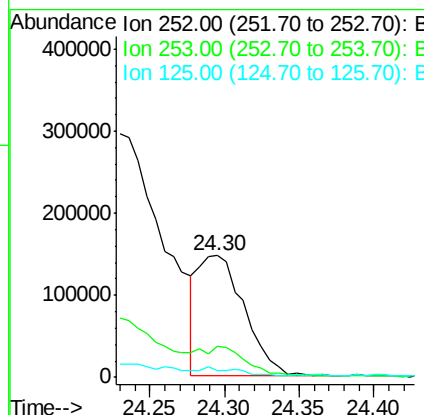
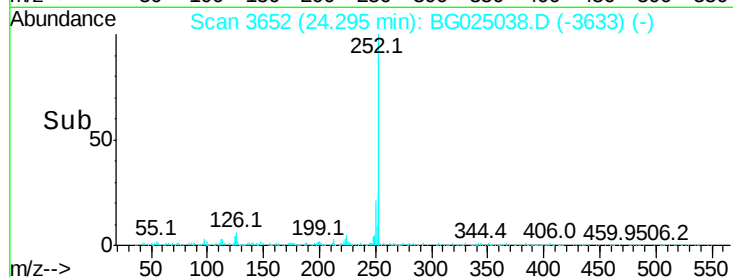
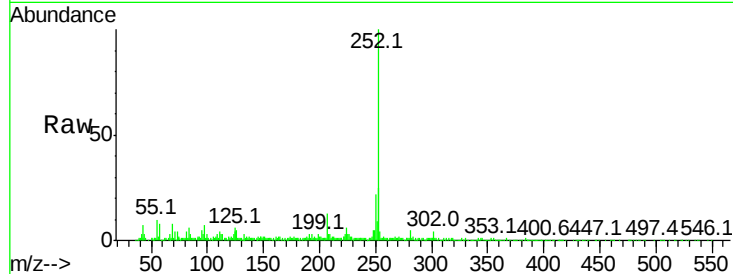
#86
Benzo(k)fluoranthene
Concen: 7.01 ng/ul
RT: 24.30 min Scan# 3652
Delta R.T. 0.01 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Instrument :
BNA_G
ClientSampleId :
DA7Y8MS

Tot Ion:	252	Resp:	314170
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.5	27.7
125	5.6	4.1	6.1

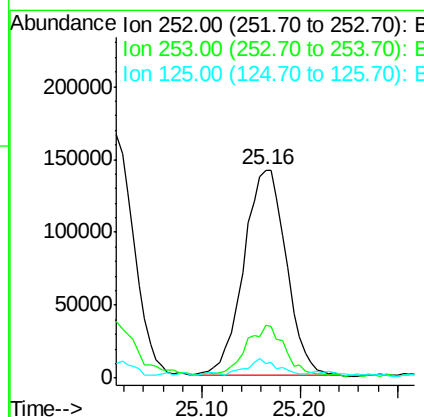
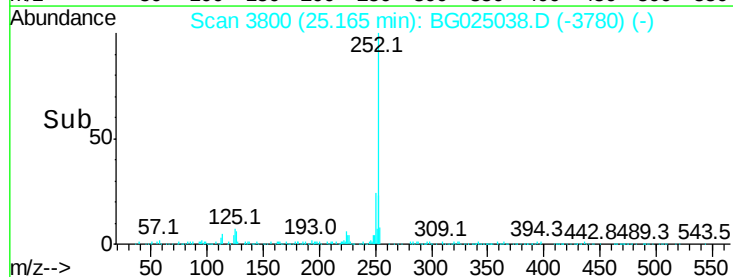
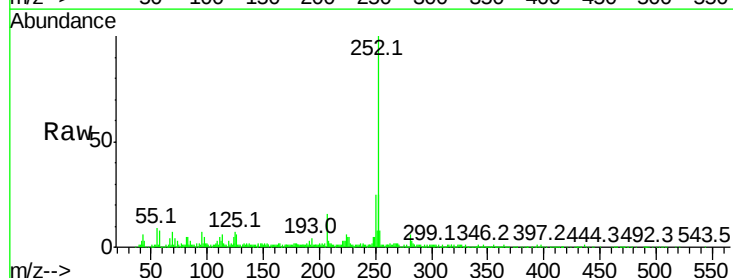
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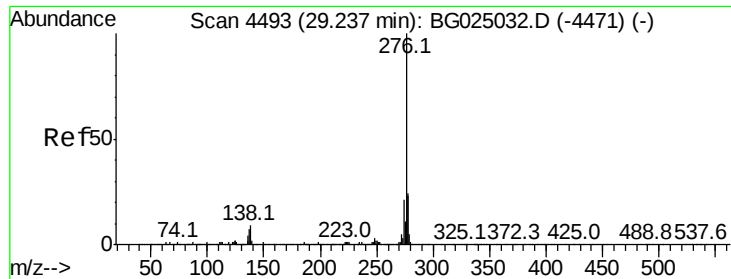
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#88
Benzo(a)pyrene
Concen: 9.55 ng/ul
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG025038.D
Acq: 9 Dec 2016 15:25

Tgt Ion:	252	Resp:	432724
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.8	26.6
125	6.9	5.4	8.0





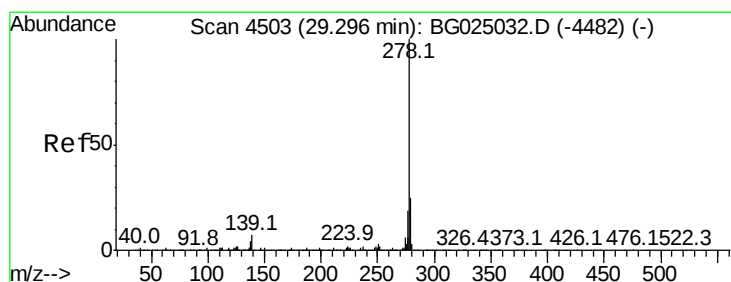
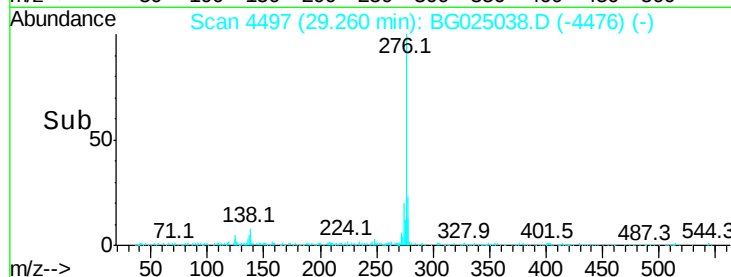
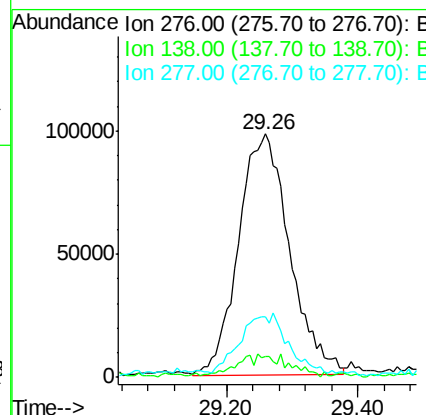
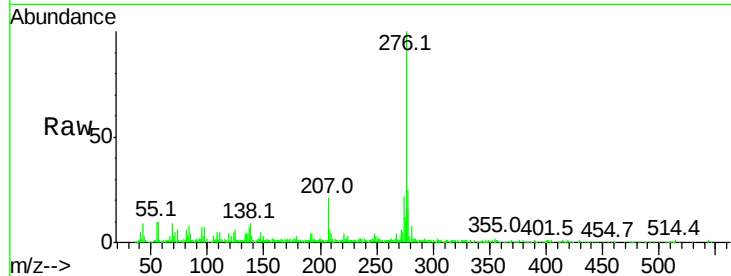
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 9.36 ng/ul m
 RT: 29.26 min Scan# 4497
 Delta R.T. 0.02 min
 Lab File: BG025038.D
 Acq: 9 Dec 2016 15:25

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y8MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	8.2	12.4
277	24.9	18.6	28.0

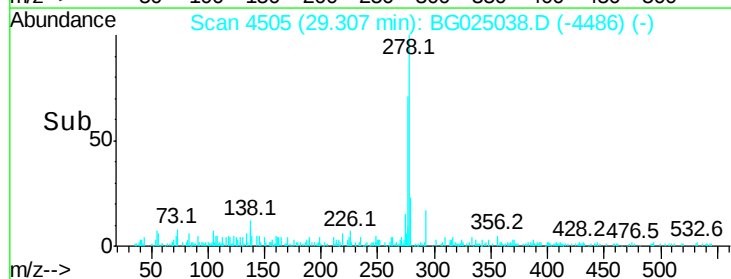
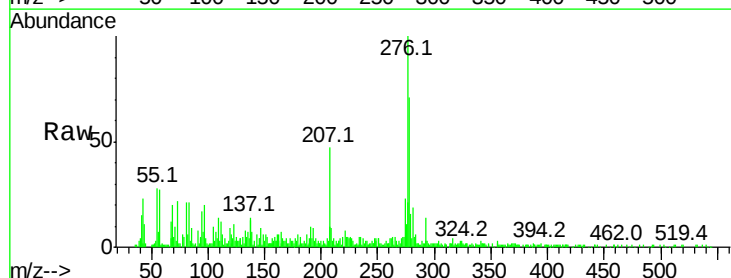
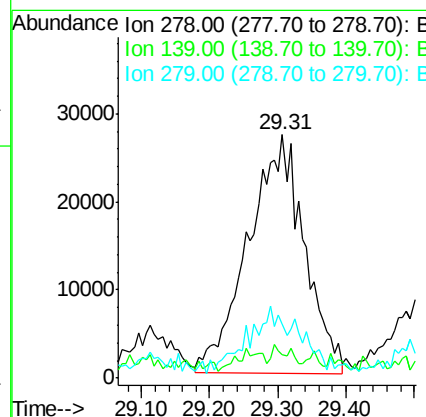
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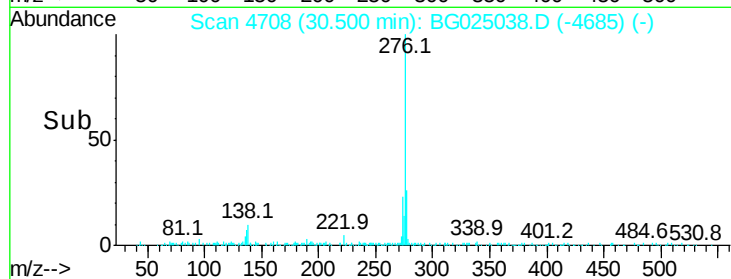
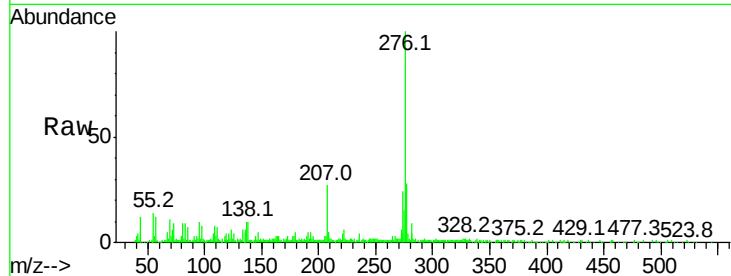
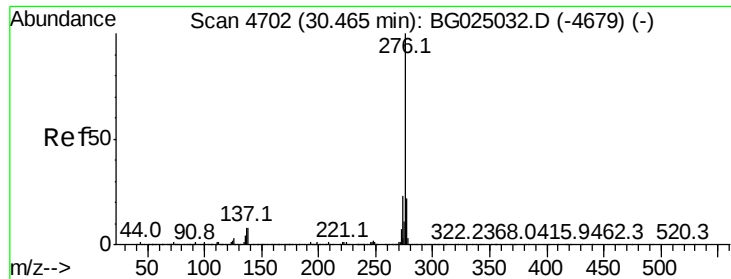
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#90
 Dibenzo(a,h)anthracene
 Concen: 3.26 ng/ul m
 RT: 29.31 min Scan# 4505
 Delta R.T. 0.01 min
 Lab File: BG025038.D
 Acq: 9 Dec 2016 15:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.7	10.1
279	22.5	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 9.02 ng/ul m

RT: 30.50 min Scan# 4708

Delta R.T. 0.03 min

Lab File: BG025038.D

Acq: 9 Dec 2016 15:25

Instrument :

BNA_G

ClientSampleId :

DA7Y8MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.6	12.8
277	28.0	17.6	26.4

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