

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025294.D
 Acq On : 18 Dec 2016 4:01
 Operator : UM/SJ
 Sample : H5938-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA830DL

Manual Integrations
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umangi
 12/20/2016 10:55:22 AM

Quant Time: Dec 18 06:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68559	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	264988	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	200380	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	441923	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	579802	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	568829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	2995	2.26	ng/uL	-0.02
5) Phenol-d5	7.40	99	21679	3.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	18689	5.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	17201	4.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	21065	4.26	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	10708	5.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	10519	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	19448	4.32	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	66469	4.82	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	78474	5.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	9177	3.87	ng/ul	0.02
57) Fluorene-d10	15.85	176	76300	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	6379	2.33	ng/ul	0.01
70) Anthracene-d10	17.70	188	98372	5.27	ng/ul	0.00
76) Pyrene-d10	19.97	212	121674	5.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	116496	5.05	ng/ul	-0.01

Target Compounds

						Ovalue
6) Phenol	7.43	94	10783	1.78	ng/ul#	65
11) 2-Methylphenol	8.69	108	16884m	3.78	ng/ul	
16) 4-Methylphenol	9.02	108	73026	14.69	ng/ul	87
24) 2,4-Dimethylphenol	10.22	107	88120m	16.24	ng/ul	
28) Naphthalene	11.11	128	351884	28.57	ng/ul#	96
34) 2-Methylnaphthalene	12.70	142	487087	50.11	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	114411	9.42	ng/ul	98
44) Dimethylphthalate	14.29	163	50625	3.74	ng/ul#	95
49) Acenaphthene	14.92	153	24758	2.46	ng/ul#	89
53) Dibenzofuran	15.25	168	68659	4.32	ng/ul	90
58) Fluorene	15.90	166	77675	6.00	ng/ul	98
69) Phenanthrene	17.64	178	44307	2.10	ng/ul#	91

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

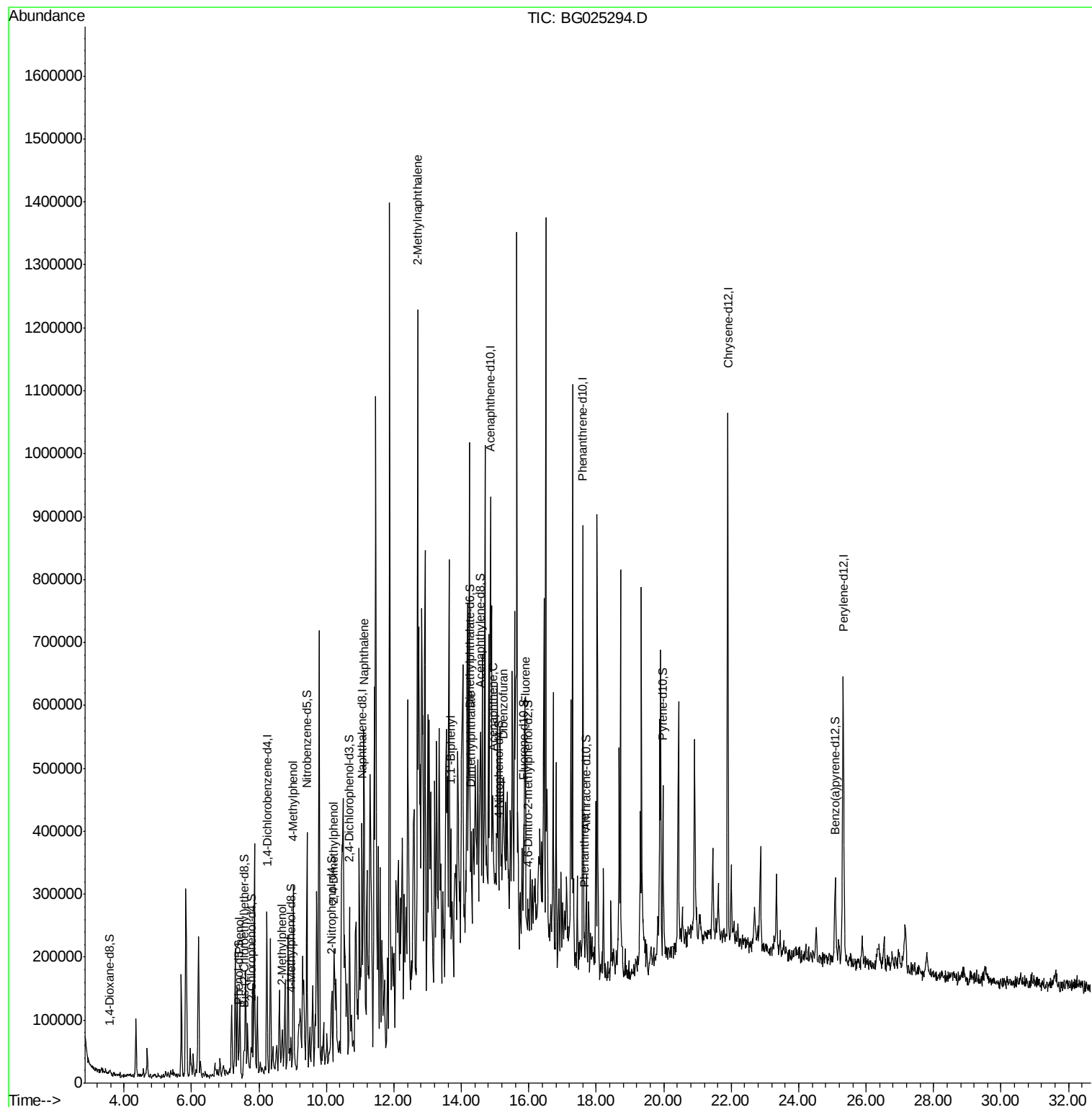
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

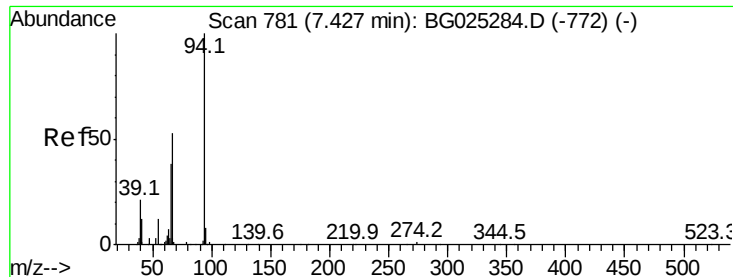
Instrument :
BNA_G
ClientSampleId :
DA830DL

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Quant Time: Dec 18 06:22:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.78 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Instrument :

BNA_G

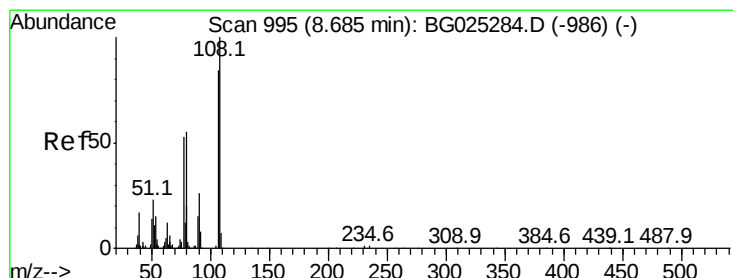
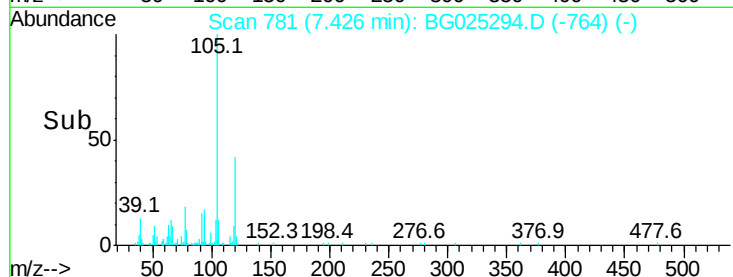
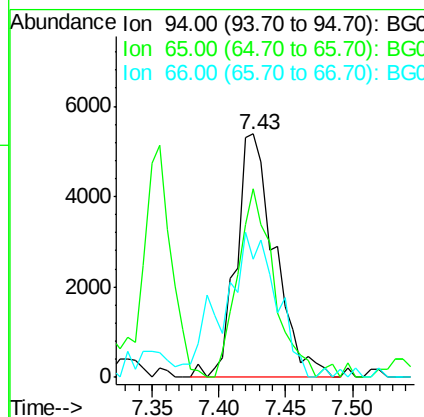
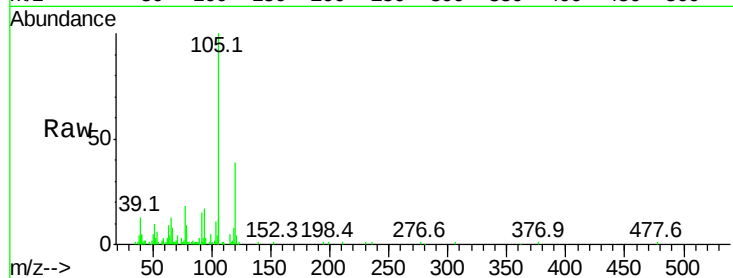
ClientSampleId :

DA830DL

Tot Ion	Ratio	Lower	Upper
94	100		
65	77.5	26.8	40.2#
66	48.4	44.4	66.6

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#11

2-Methylphenol

Concen: 3.78 ng/ul m

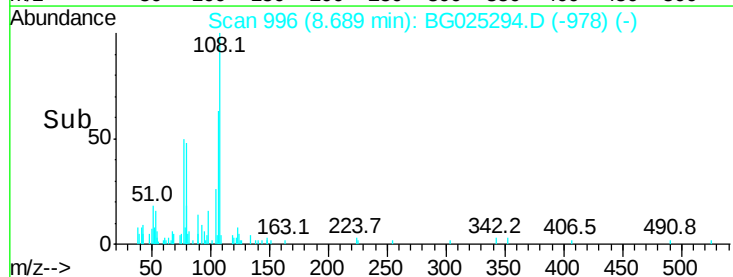
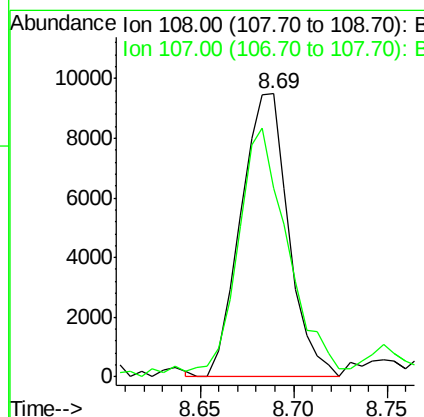
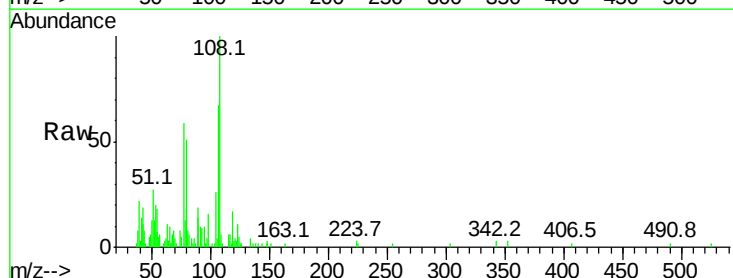
RT: 8.69 min Scan# 996

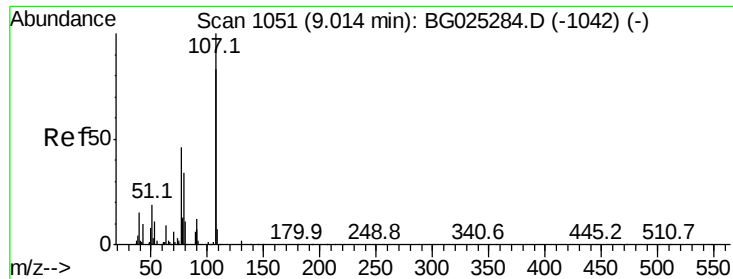
Delta R.T. 0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
108	100		
107	66.7	76.7	115.1#





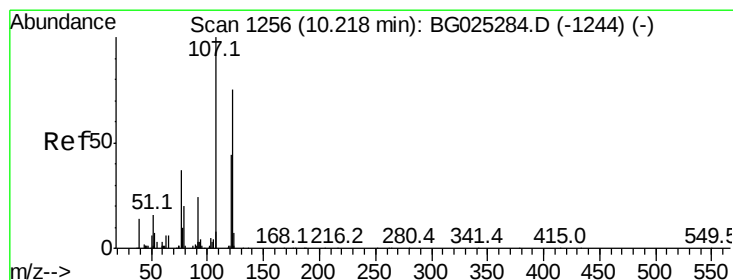
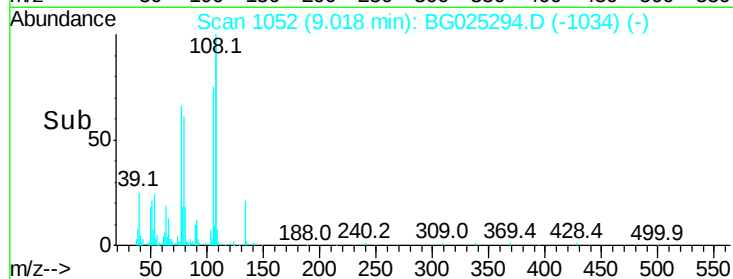
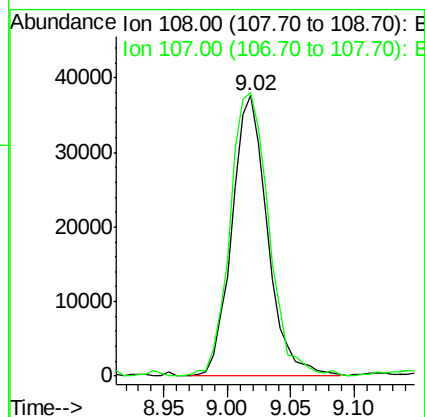
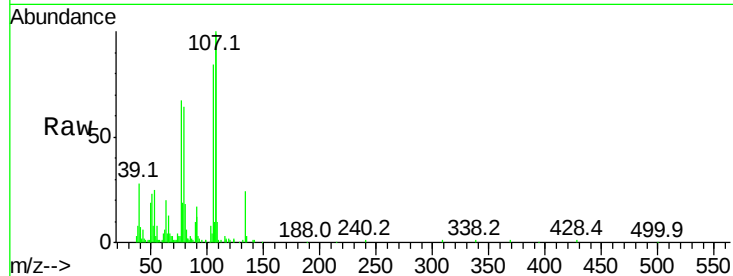
#16
4-Methylphenol
Concen: 14.69 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG025294.D
Acq: 18 Dec 2016 4:01

Instrument :
BNA_G
ClientSampleId :
DA830DL

Tot Ion	Ratio	Lower	Upper
108	100		
107	101.0	91.7	137.5

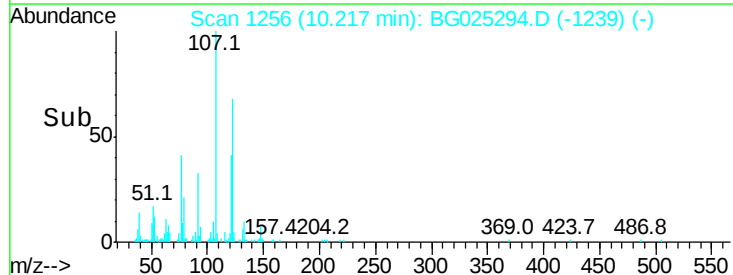
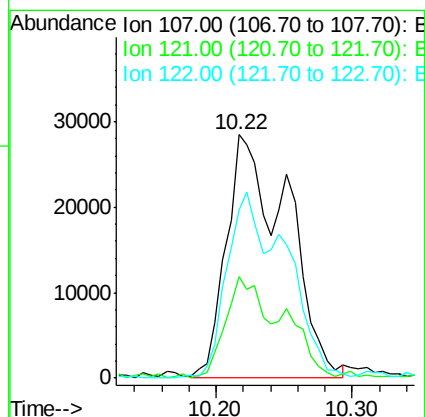
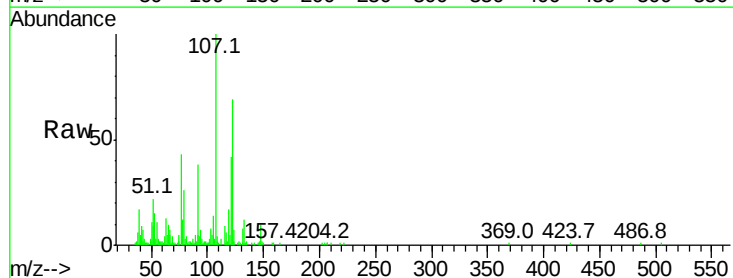
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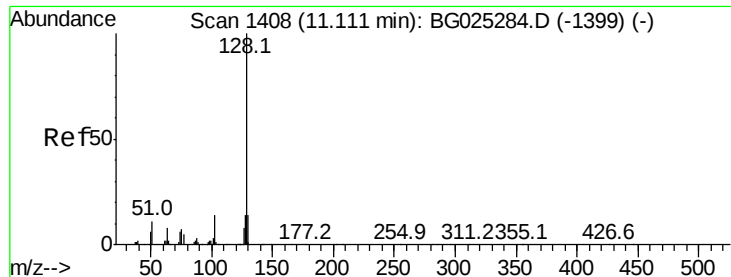
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#24
2,4-Dimethylphenol
Concen: 16.24 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025294.D
Acq: 18 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
107	100		
121	41.8	32.3	48.5
122	69.2	61.2	91.8





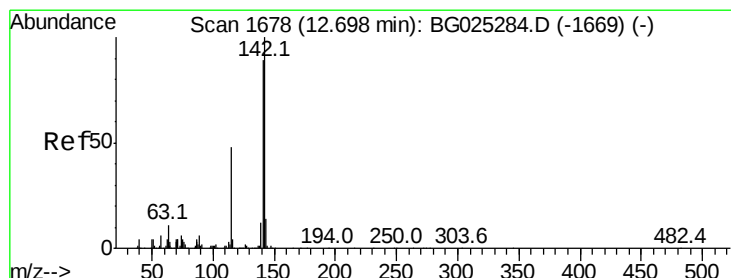
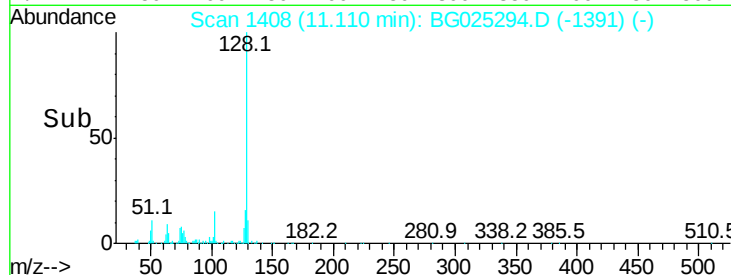
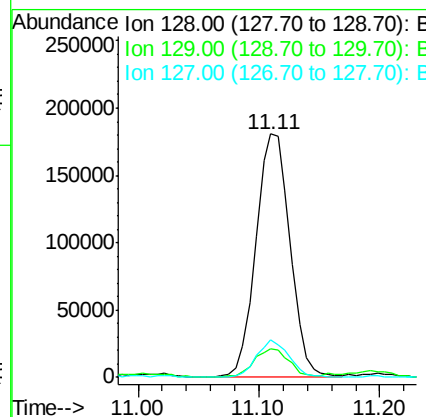
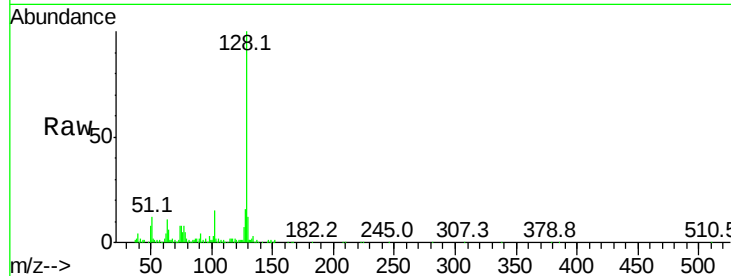
#28
Naphthalene
Concen: 28.57 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025294.D
Acq: 18 Dec 2016 4:01

Instrument :
BNA_G
ClientSampleId :
DA830DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	15.6	10.3	15.5#

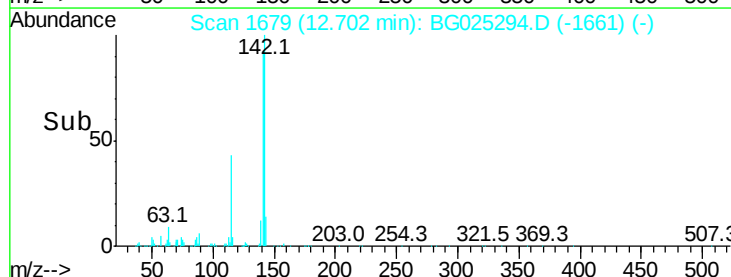
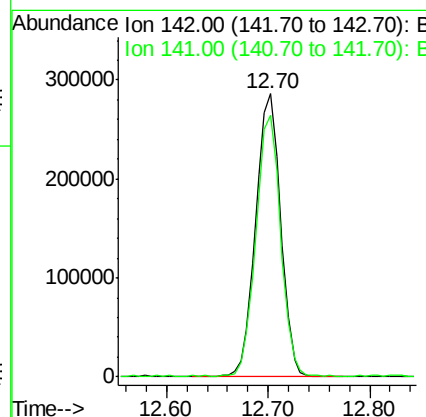
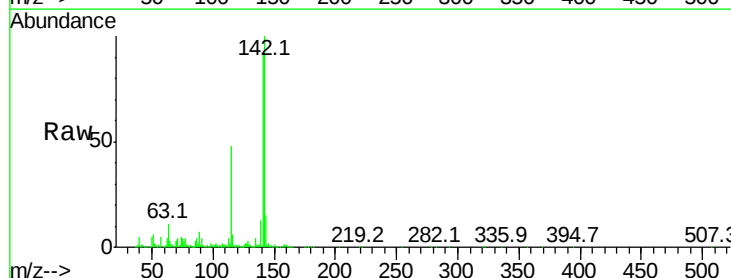
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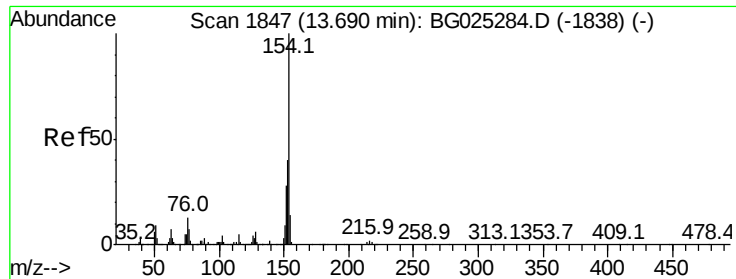
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#34
2-Methylnaphthalene
Concen: 50.11 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025294.D
Acq: 18 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	68.6	102.8





#40

1,1'-Biphenyl

Concen: 9.42 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Instrument :

BNA_G

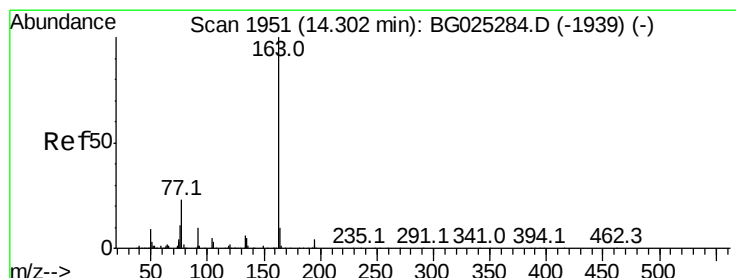
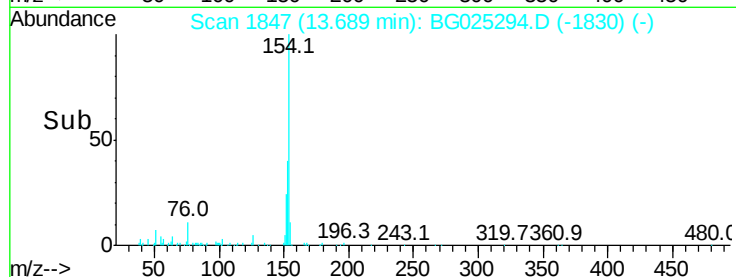
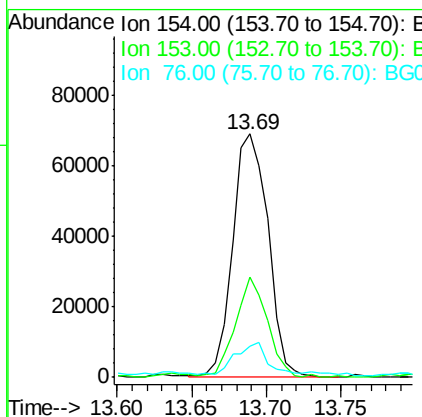
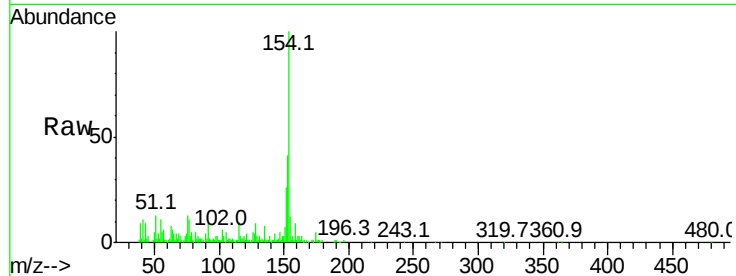
ClientSampleId :

DA830DL

Tot Ion:	154	Resp:	114411
Ion Ratio	Lower	Upper	
154	100		
153	41.0	32.2	48.2
76	12.9	9.6	14.4

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#44

Dimethylphthalate

Concen: 3.74 ng/ul

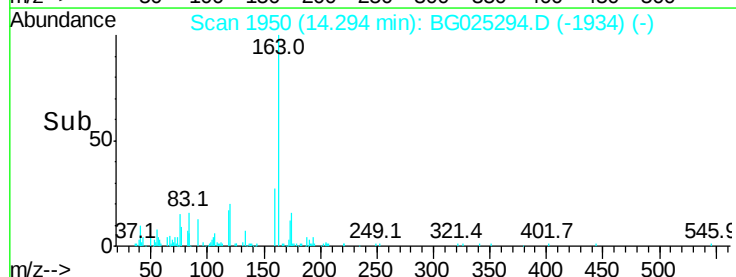
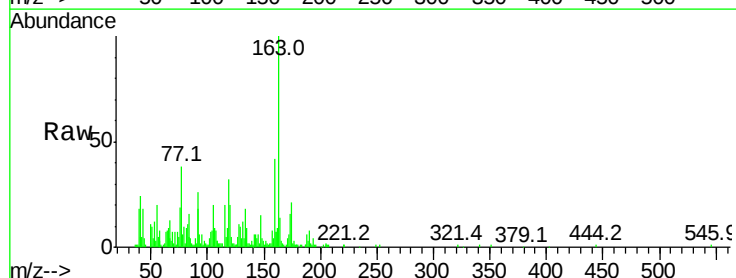
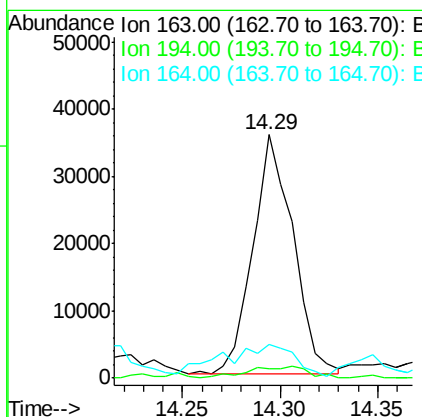
RT: 14.29 min Scan# 1950

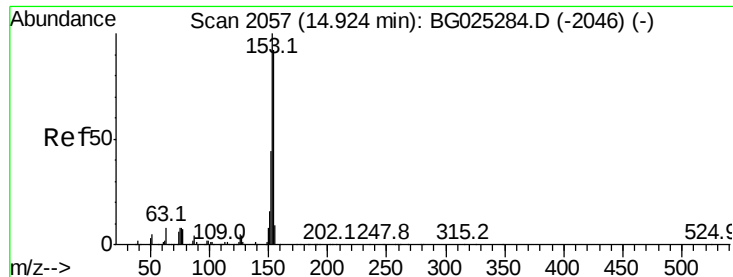
Delta R.T. -0.01 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Tgt Ion:	163	Resp:	50625
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	13.8	9.0	13.4#





#49

Acenaphthene

Concen: 2.46 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Instrument :

BNA_G

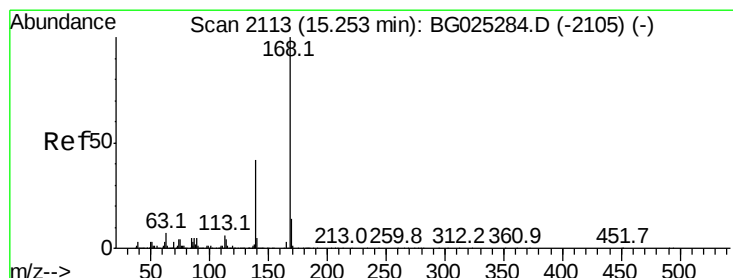
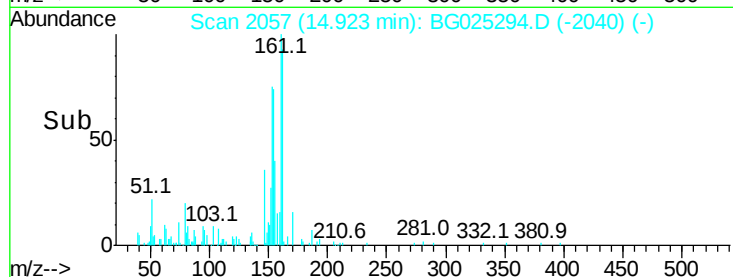
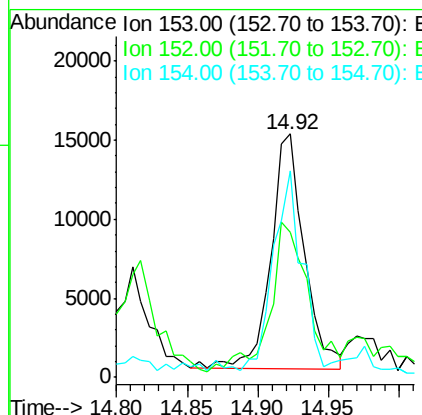
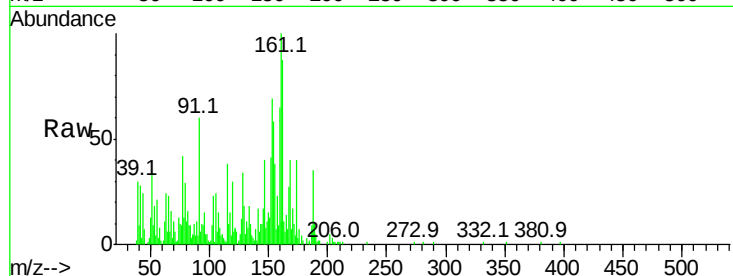
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
153	100		
152	59.7	36.5	54.7#
154	84.6	72.3	108.5

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#53

Dibenzofuran

Concen: 4.32 ng/ul

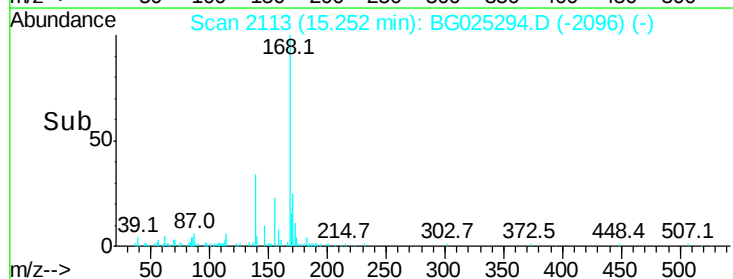
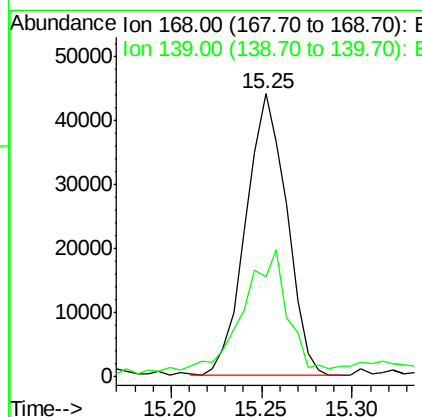
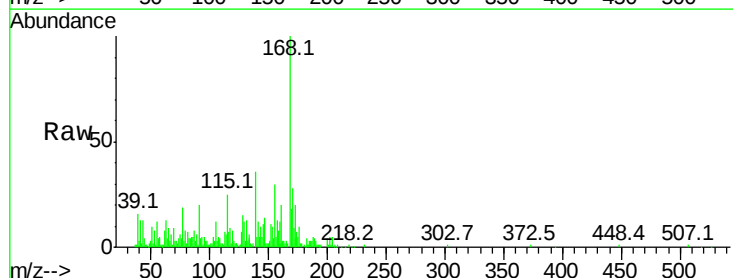
RT: 15.25 min Scan# 2113

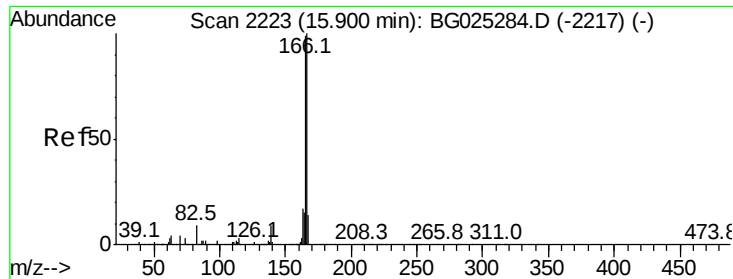
Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	33.8	50.8





#58

Fluorene

Concen: 6.00 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Instrument :

BNA_G

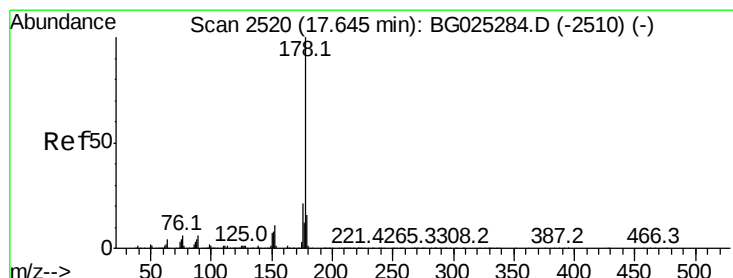
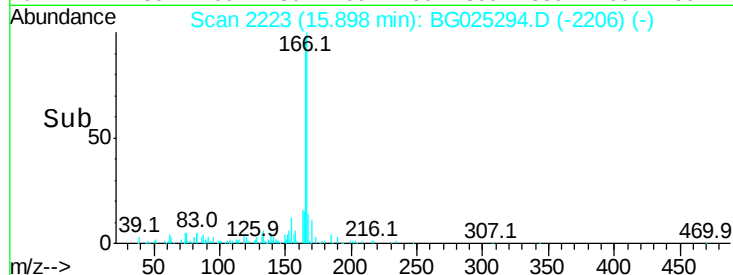
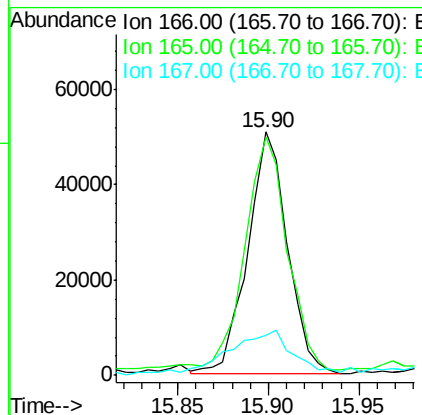
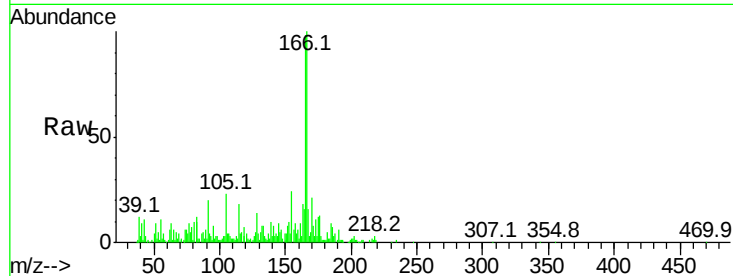
ClientSampleId :

DA830DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.7	119.5
167	16.2	11.4	17.2

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#69

Phenanthrene

Concen: 2.10 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025294.D

Acq: 18 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.4	18.6#
176	24.5	16.5	24.7

