

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025297.D
 Acq On : 18 Dec 2016 6:00
 Operator : UM/SJ
 Sample : H5970-10DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA849DL

Manual Integrations
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Quant Time: Dec 19 04:22:08 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	68600	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	282432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	212063	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	467900	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	617821	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	619901	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.58	96	393	0.30	ng/uL	0.00
5) Phenol-d5	7.40	99	9757m	1.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	6589	1.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	7849	1.90	ng/ul	-0.01
13) 4-Methylphenol-d8	8.96	113	9667	1.95	ng/ul	0.01
19) Nitrobenzene-d5	9.41	128	5262	2.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	4226	1.69	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	9378	1.96	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	32403	2.22	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	36574	2.29	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.85	176	31988	2.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	1526	0.53	ng/ul	0.01
70) Anthracene-d10	17.70	188	43452	2.20	ng/ul	0.00
76) Pyrene-d10	19.97	212	57956	2.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	57125	2.27	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.11	128	211917	16.14	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	429986	41.50	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	102738	7.99	ng/ul	99
44) Dimethylphthalate	14.30	163	18266	1.27	ng/ul#	90
49) Acenaphthene	14.92	153	28018	2.63	ng/ul#	81
53) Dibenzofuran	15.25	168	66952	3.98	ng/ul	93
58) Fluorene	15.90	166	70531	5.15	ng/ul#	98
69) Phenanthrene	17.64	178	40629	1.82	ng/ul	95

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

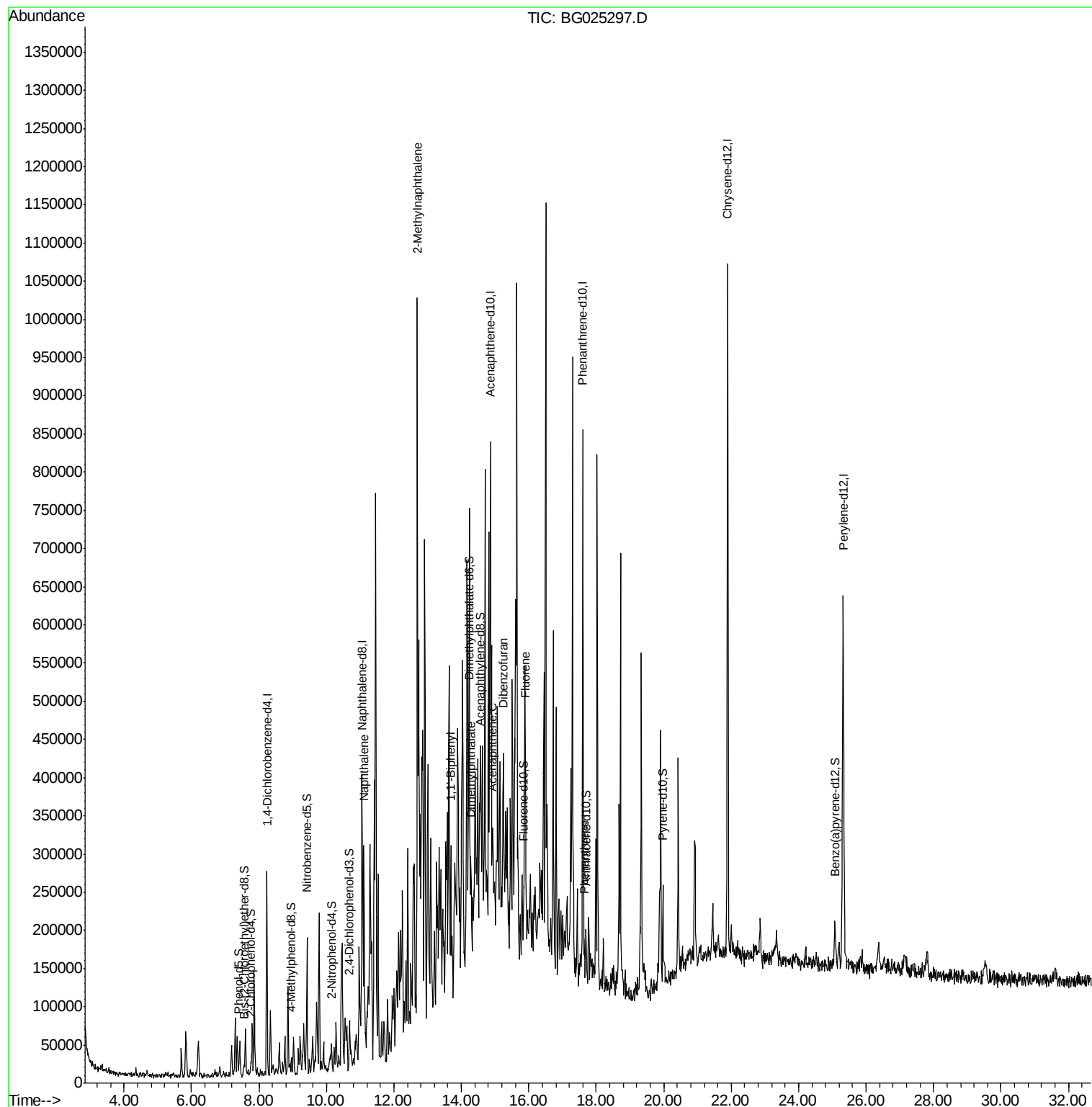
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Acq On : 18 Dec 2016 6:00
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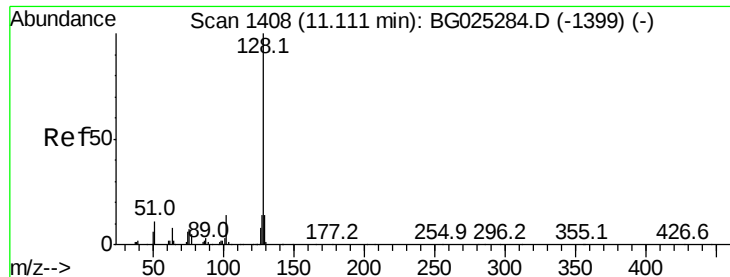
Instrument :
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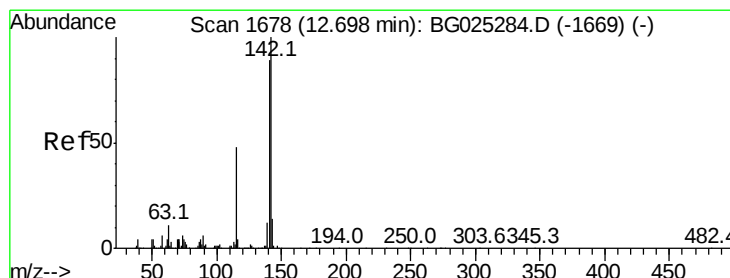
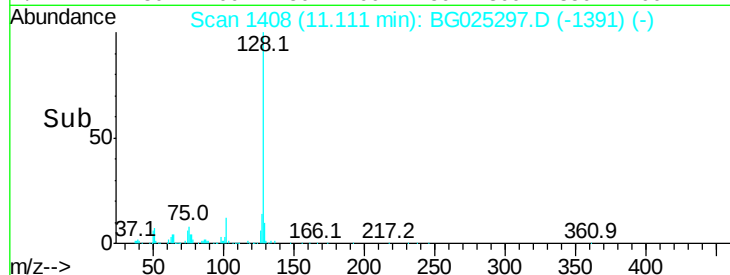
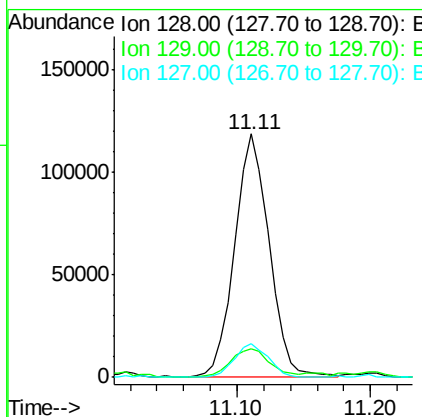
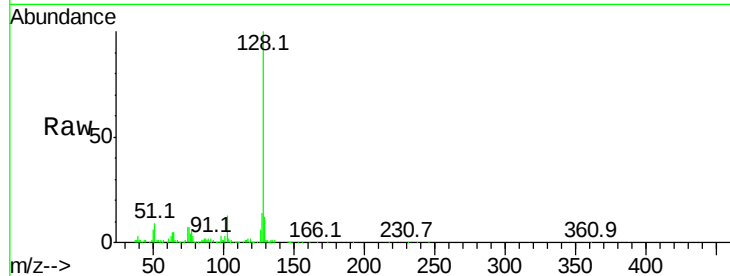
#28
Naphthalene
Concen: 16.14 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025297.D
Acq: 18 Dec 2016 6:00

Instrument :
BNA_G
ClientSampleId :
DA849DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.9	10.3	15.5

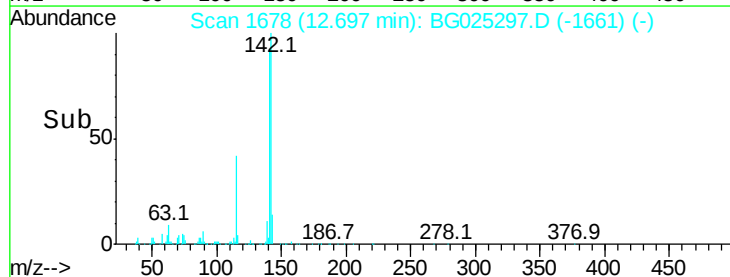
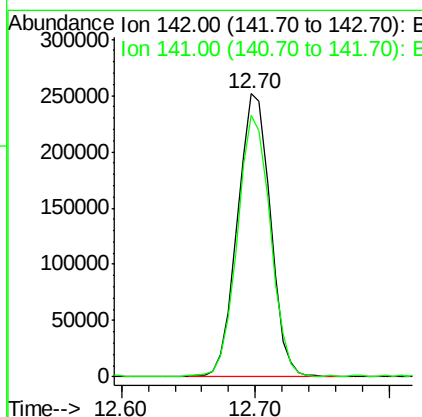
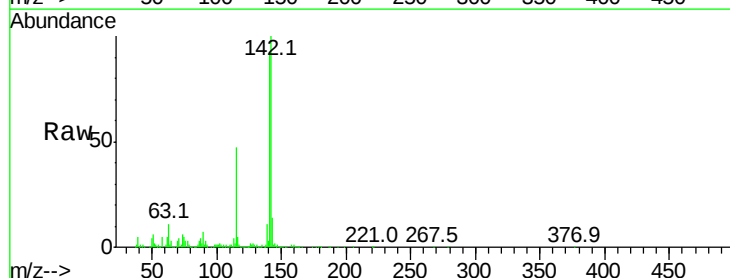
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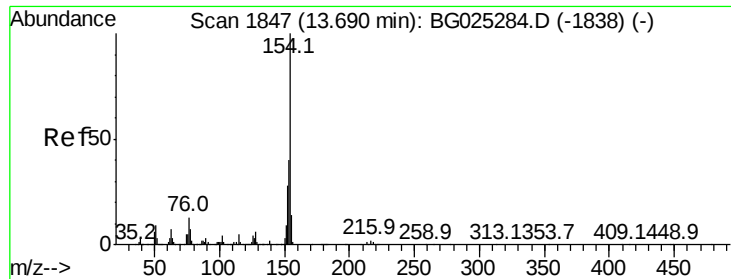
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#34
2-Methylnaphthalene
Concen: 41.50 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025297.D
Acq: 18 Dec 2016 6:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	68.6	102.8





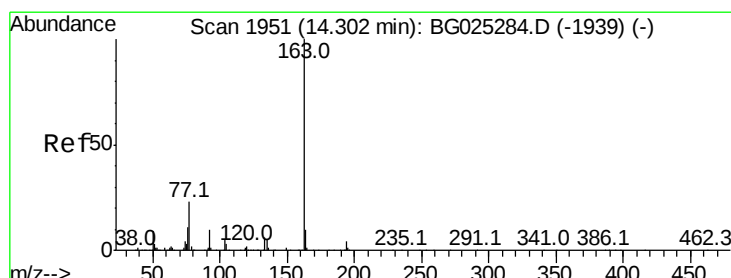
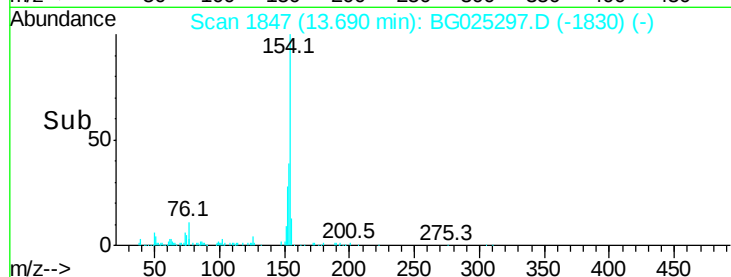
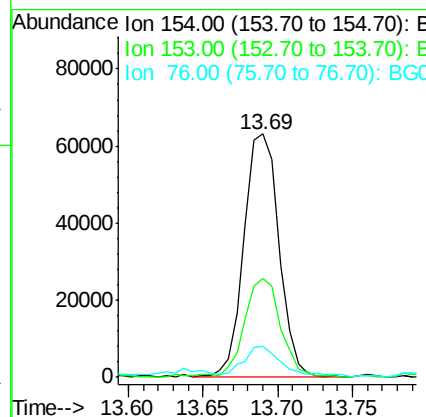
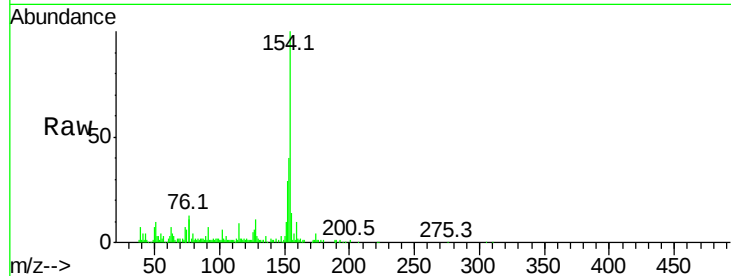
#40
1,1'-Biphenyl
Concen: 7.99 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025297.D
Acq: 18 Dec 2016 6:00

Instrument :
BNA_G
ClientSampleId :
DA849DL

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	32.2	48.2
76	12.8	9.6	14.4

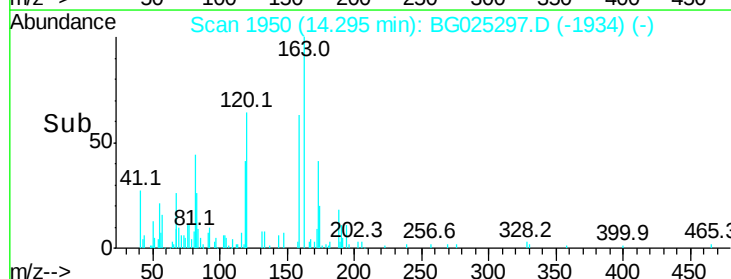
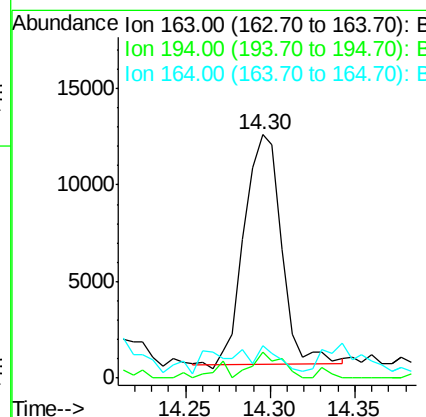
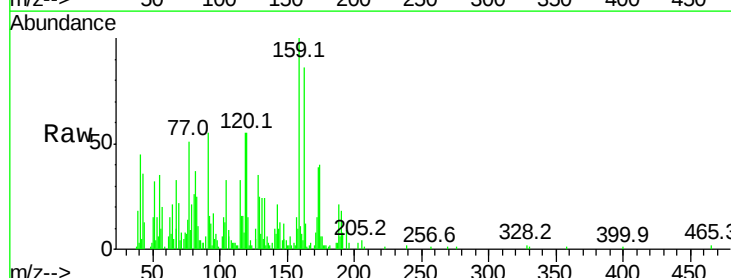
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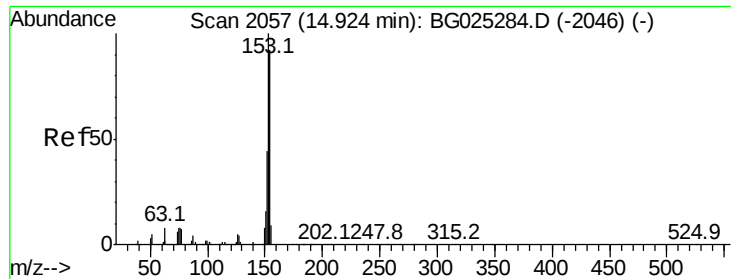
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#44
Dimethylphthalate
Concen: 1.27 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG025297.D
Acq: 18 Dec 2016 6:00

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	10.8	3.4	5.0#
164	13.5	9.0	13.4#





#49

Acenaphthene

Concen: 2.63 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG025297.D

Acq: 18 Dec 2016 6:00

Instrument :

BNA_G

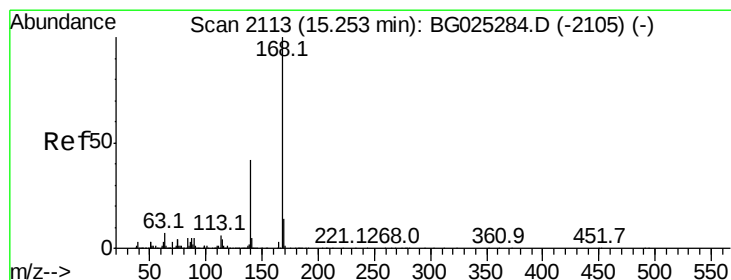
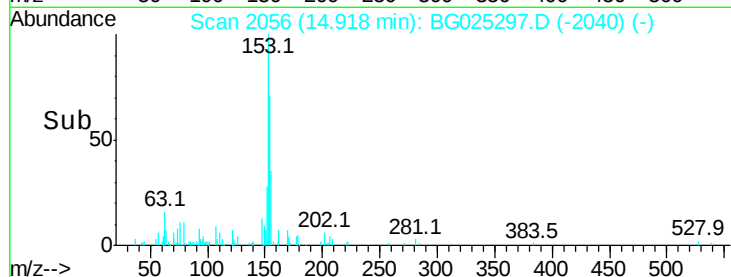
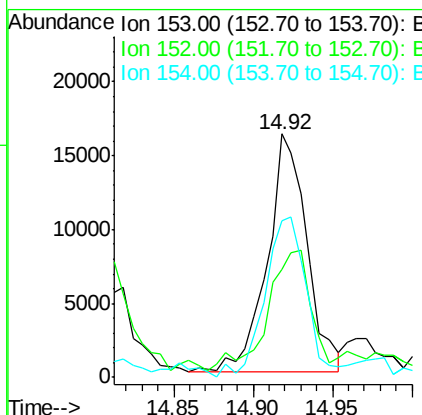
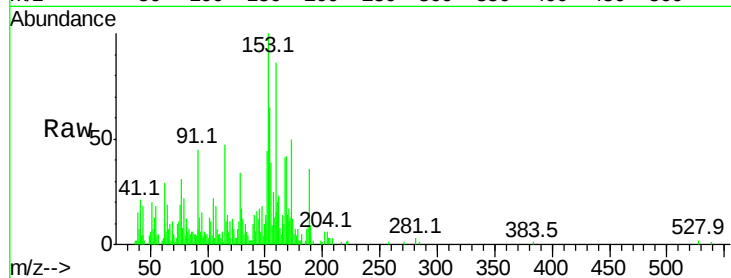
ClientSampleId :

DA849DL

Tot Ion:	153	Resp:	28018
Ion Ratio	Lower	Upper	
153	100		
152	44.2	36.5	54.7
154	64.6	72.3	108.5#

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#53

Dibenzofuran

Concen: 3.98 ng/ul

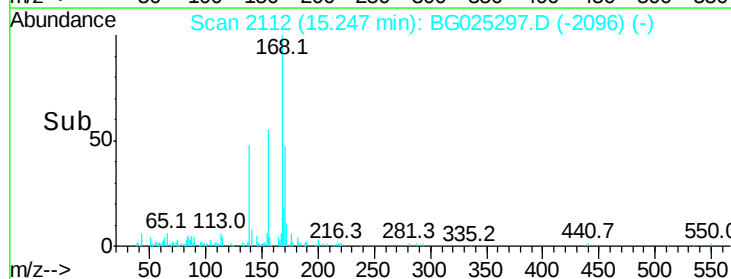
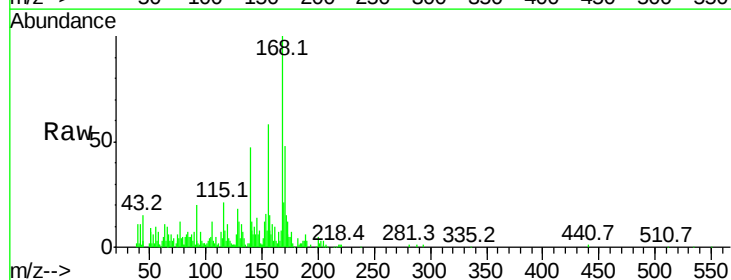
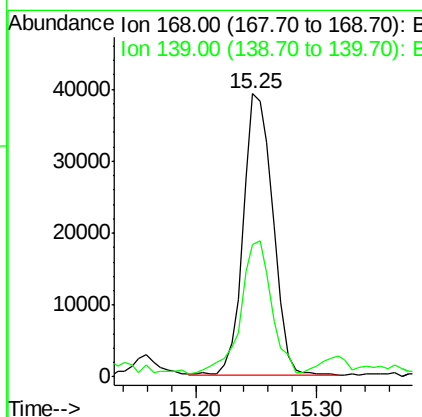
RT: 15.25 min Scan# 2112

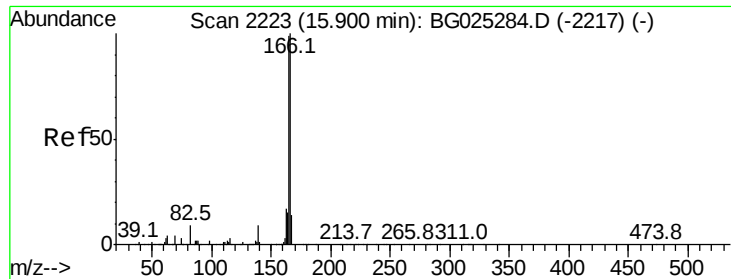
Delta R.T. -0.01 min

Lab File: BG025297.D

Acq: 18 Dec 2016 6:00

Tgt Ion:	168	Resp:	66952
Ion Ratio	Lower	Upper	
168	100		
139	47.0	33.8	50.8





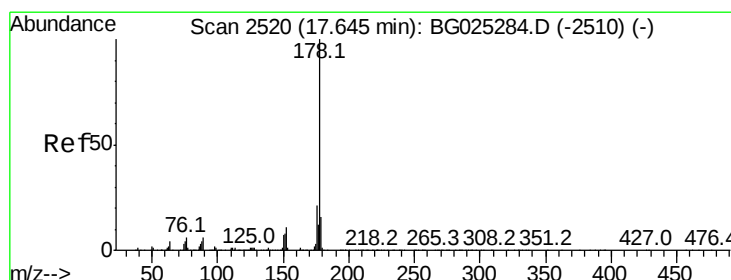
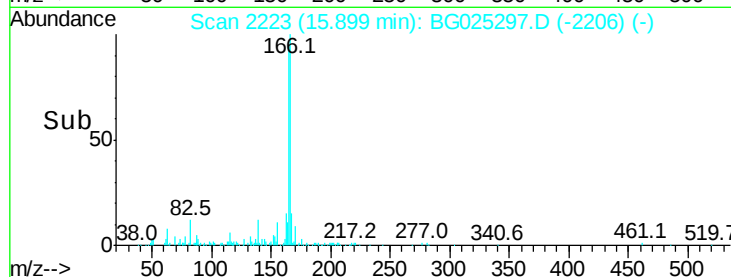
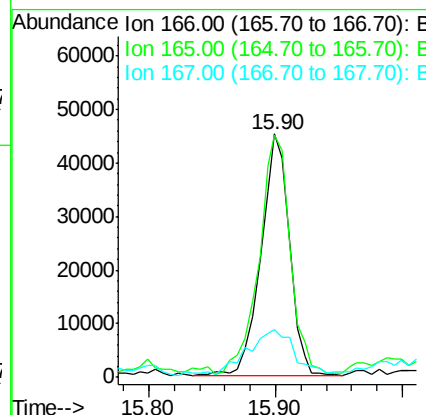
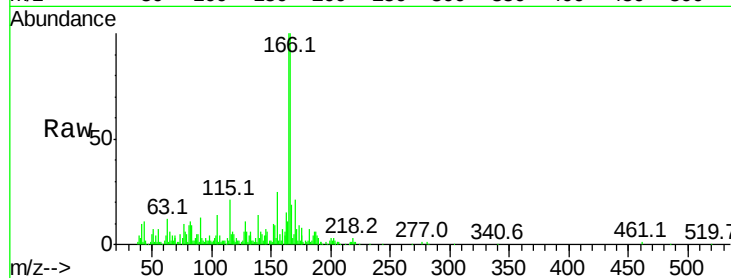
#58
Fluorene
 Concen: 5.15 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG025297.D
 Acq: 18 Dec 2016 6:00

Instrument :
 BNA_G
 ClientSampleId :
 DA849DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.7	119.5
167	19.5	11.4	17.2#

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#69
Phenanthrene
 Concen: 1.82 ng/ul
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG025297.D
 Acq: 18 Dec 2016 6:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.4	18.6
176	18.1	16.5	24.7

