

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027511.D
 Acq On : 17 Jun 2017 17:51
 Operator : SJ/MA
 Sample : I3599-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5D42

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:29 AM

Quant Time: Jun 19 02:07:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 19 01:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	41026	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	212839	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	139508	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	328496	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	357082	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	338855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	3977	3.88	ng/uL	0.00
5) Phenol-d5	7.66	99	88475	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	67077	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	62828	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	74692	21.47	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	31728	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	35051	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	66308	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	82441	20.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	247211	21.16	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	288217	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	36911	16.15	ng/ul	0.00
57) Fluorene-d10	16.09	176	221456	20.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	36666	17.97	ng/ul	0.00
70) Anthracene-d10	17.96	188	343484	22.43	ng/ul	0.00
76) Pyrene-d10	20.22	212	374394	21.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	335891	22.01	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.68	94	11640	2.497	ng/ul#	88
16) 4-Methylphenol	9.25	108	14173	3.829	ng/ul	93
28) Naphthalene	11.39	128	16038	1.466	ng/ul#	96
44) Dimethylphthalate	14.54	163	62768	5.418	ng/ul	96
69) Phenanthrene	17.90	178	93140	5.276	ng/ul	98
71) Anthracene	17.99	178	38403	2.139	ng/ul	97
72) Carbazole	18.26	167	19260	1.248	ng/ul#	90
74) Fluoranthene	19.89	202	686110	34.544	ng/ul#	86
77) Pyrene	20.25	202	625893	29.653	ng/ul#	82
80) Benzo(a)anthracene	22.21	228	387263	19.475	ng/ul	99
82) Chrysene	22.29	228	393234	21.896	ng/ul	98
85) Benzo(b)fluoranthene	24.71	252	508008	25.172	ng/ul#	95
86) Benzo(k)fluoranthene	24.78	252	173052m	8.921	ng/ul	
88) Benzo(a)pyrene	25.71	252	213170	11.001	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.07	276	133344	6.028	ng/ul#	87
90) Dibenzo(a,h)anthracene	30.14	278	41312	2.175	ng/ul#	93
91) Benzo(g,h,i)perylene	31.39	276	93751m	5.177	ng/ul	

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

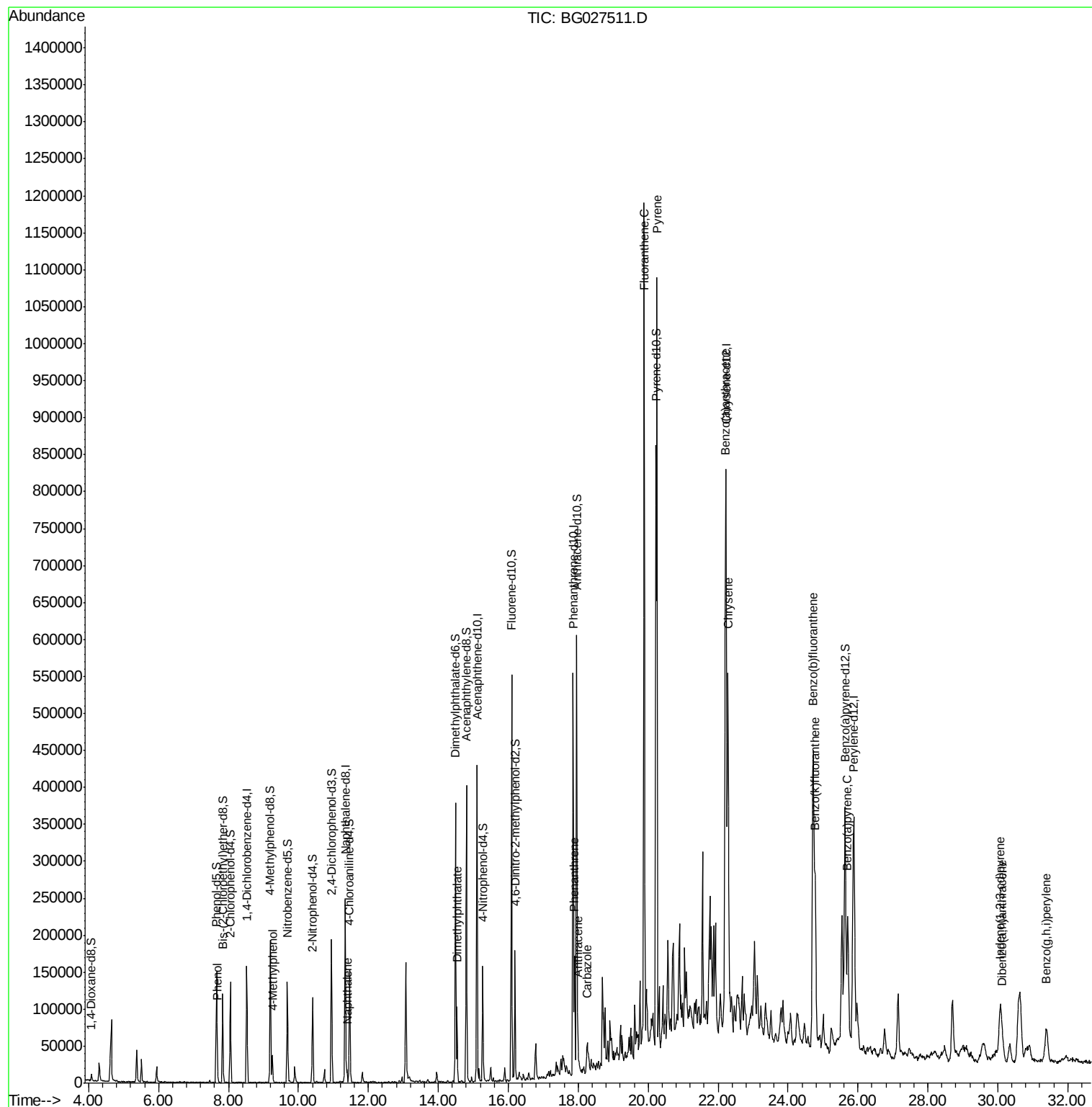
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

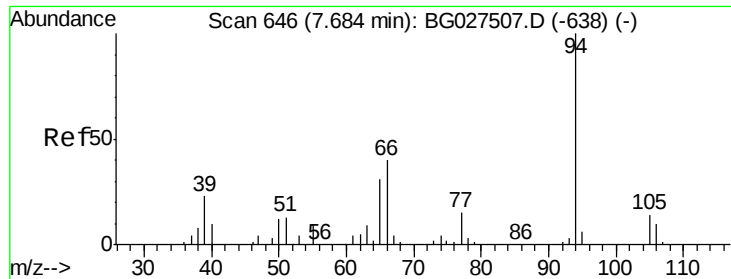
Instrument :
BNA_G
ClientSampled :
F5D42

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Quant Time: Jun 19 02:07:29 2017
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Quant Title : SVOA CALIBRATION
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#6

Phenol

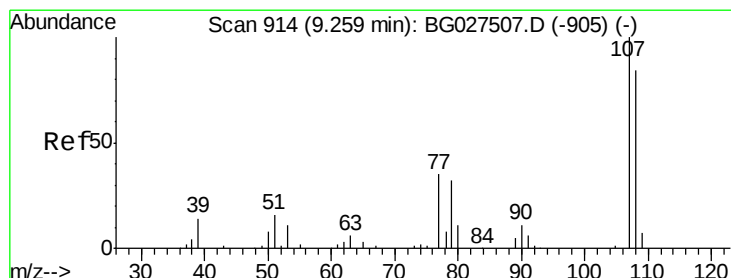
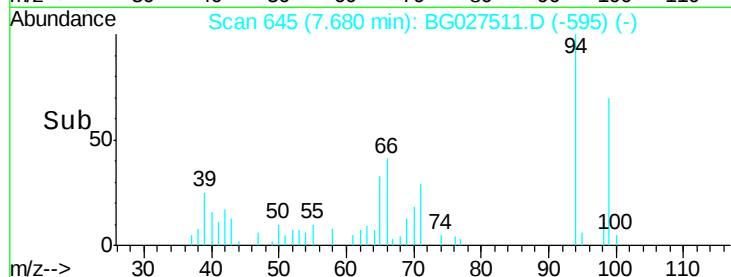
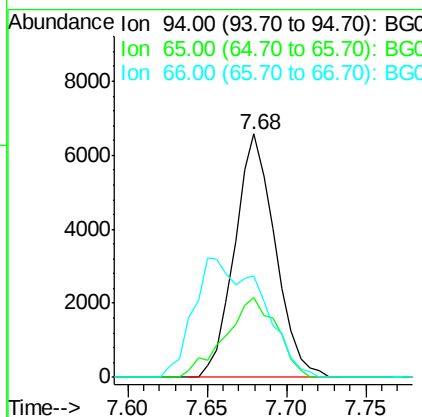
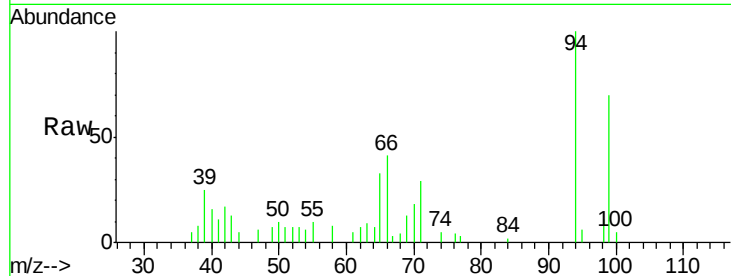
Concen: 2.497 ng/ul
 RT: 7.68 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BG027511.D
 Acq: 17 Jun 2017 17:51

Instrument :
 BNA_G
 ClientSampleId :
 F5D42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	26.8	40.2
66	41.5	44.4	66.6#

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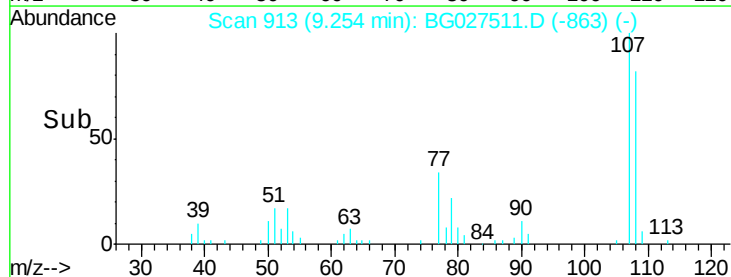
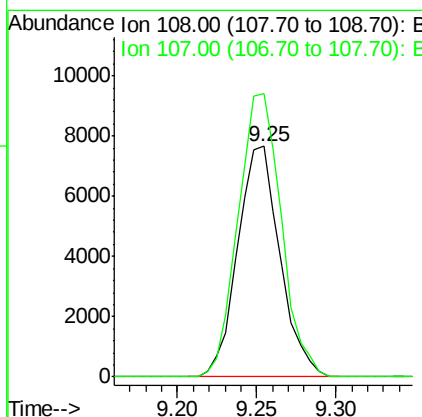
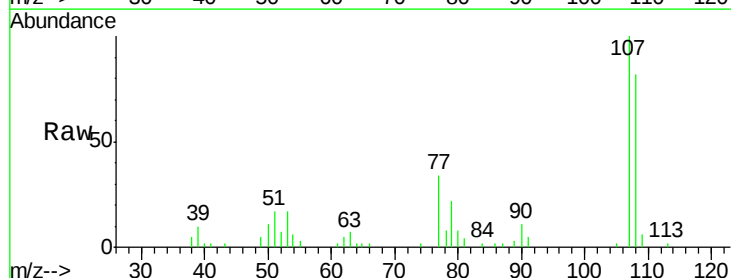


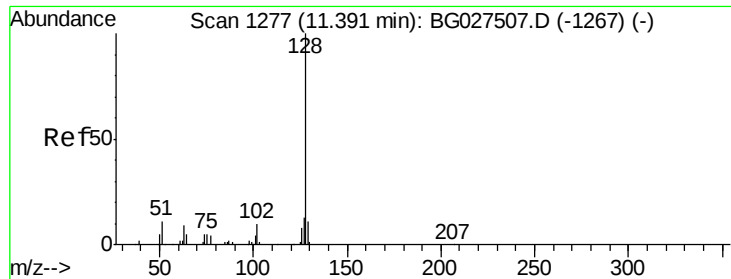
#16

4-Methylphenol

Concen: 3.829 ng/ul
 RT: 9.25 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BG027511.D
 Acq: 17 Jun 2017 17:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	122.6	91.7	137.5





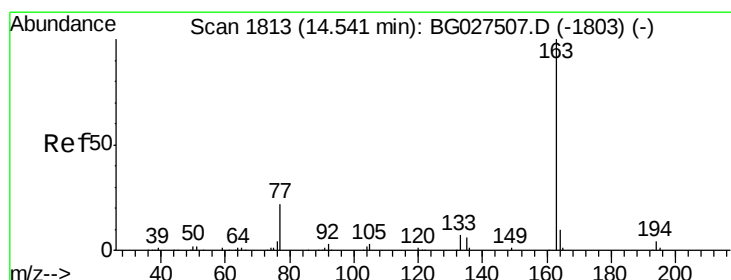
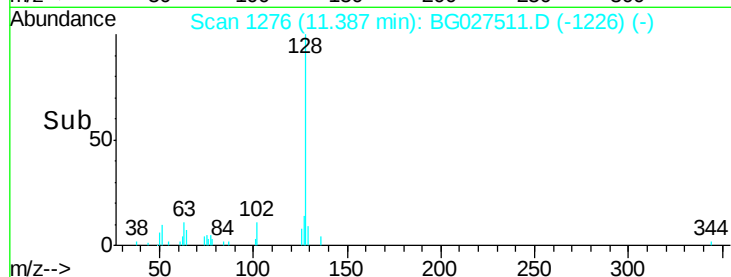
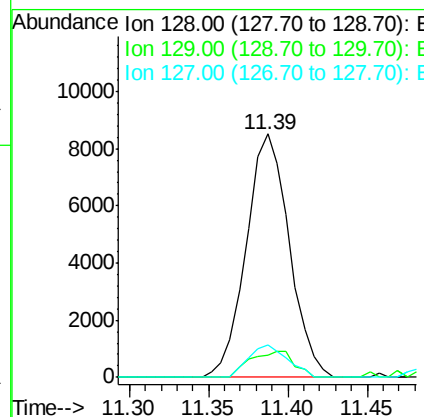
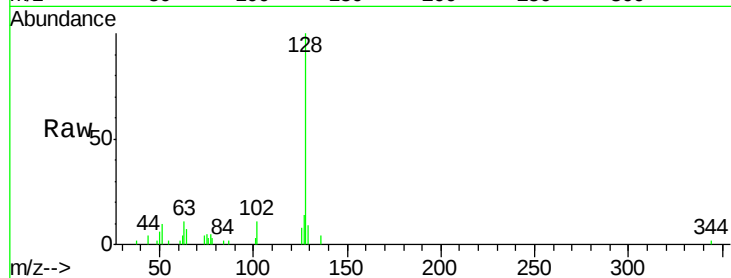
#28
Naphthalene
Concen: 1.466 ng/ul
RT: 11.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Instrument :
BNA_G
ClientSampleId :
F5D42

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	9.1	9.4	14.2#
127	13.5	10.3	15.5

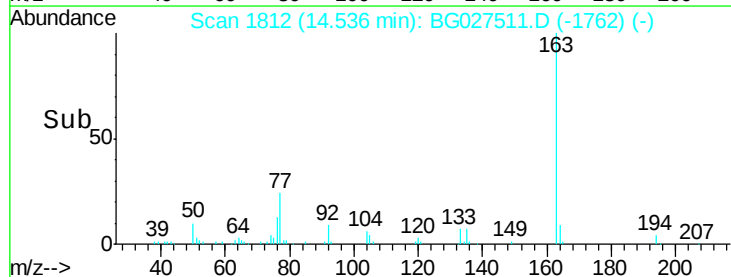
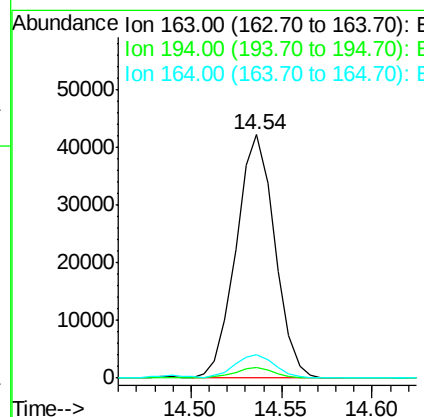
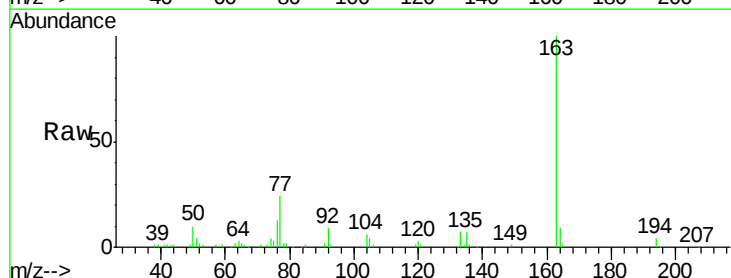
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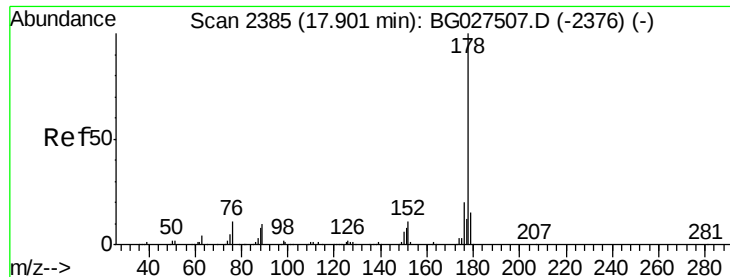
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#44
Dimethylphthalate
Concen: 5.418 ng/ul
RT: 14.54 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.4	5.0
164	9.4	9.0	13.4





#69

Phenanthrene

Concen: 5.276 ng/ul

RT: 17.90 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Instrument :

BNA_G

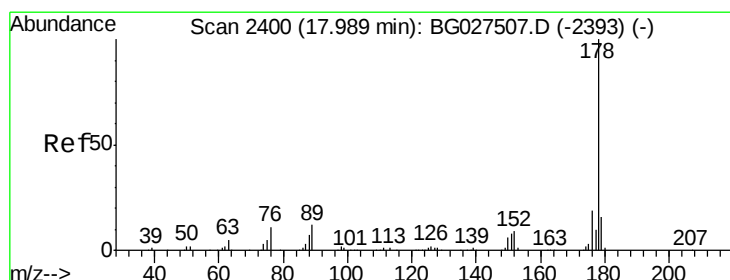
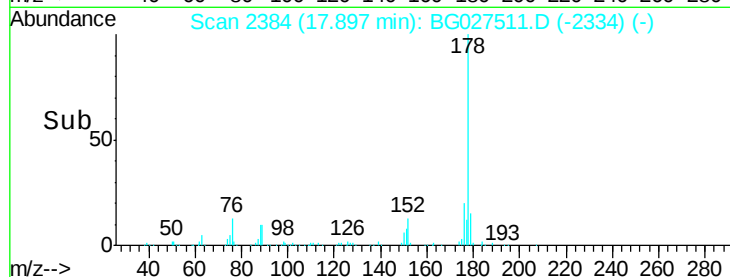
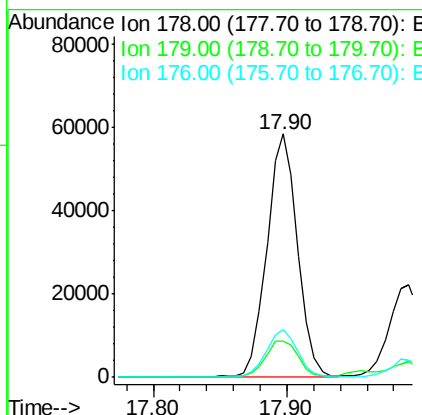
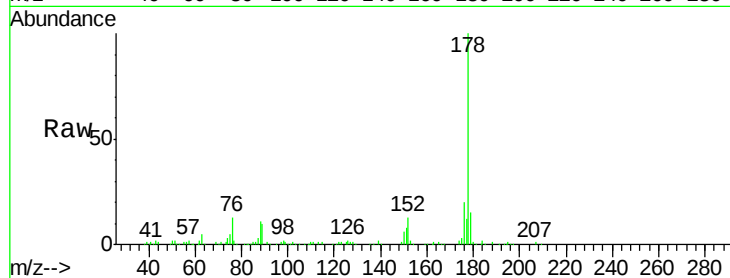
ClientSampleId :

F5D42

Tgt Ion:	178	Resp:	93140
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	19.6	16.5	24.7

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#71

Anthracene

Concen: 2.139 ng/ul

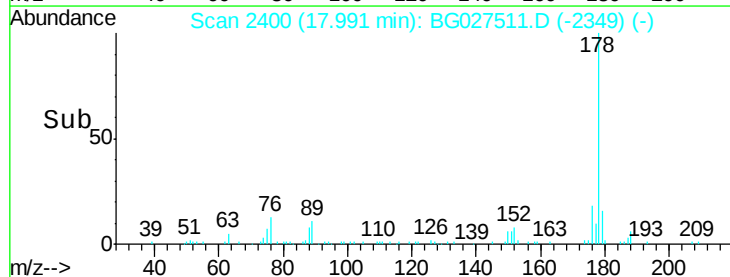
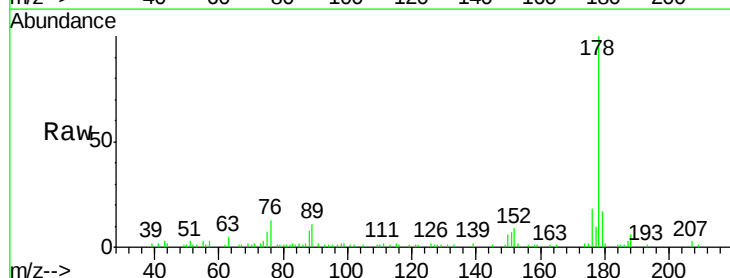
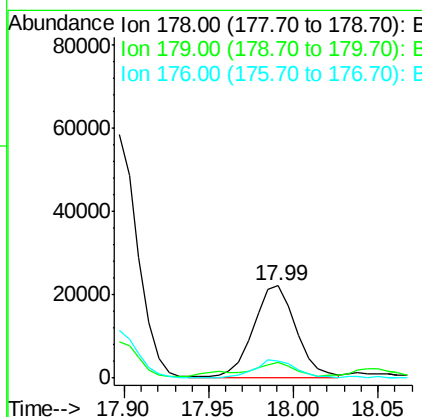
RT: 17.99 min Scan# 2400

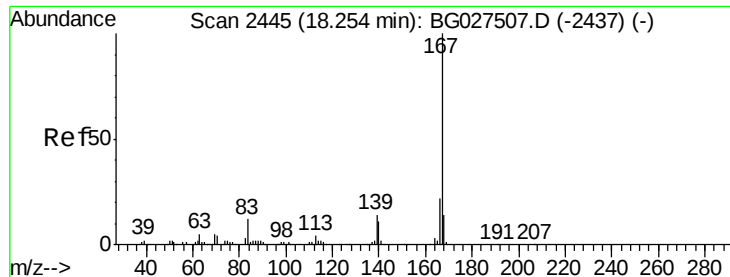
Delta R.T. 0.00 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Tgt Ion:	178	Resp:	38403
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	18.5	15.9	23.9





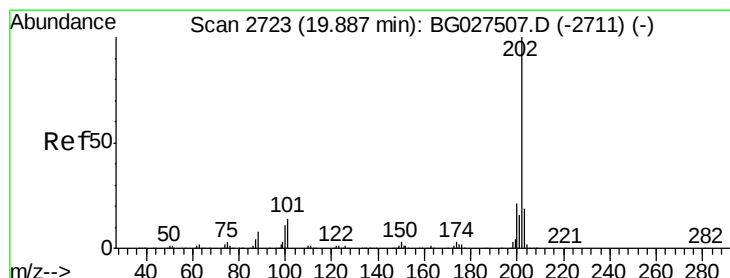
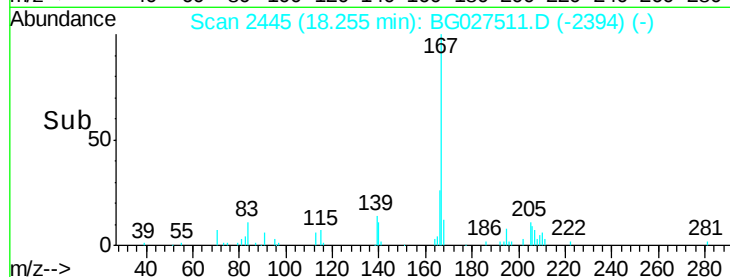
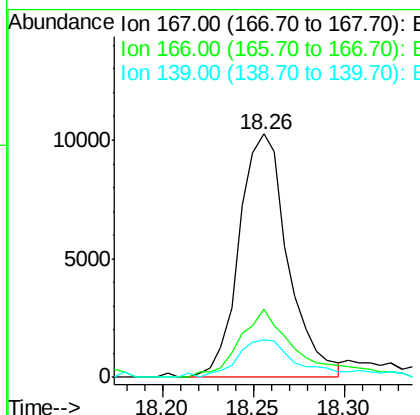
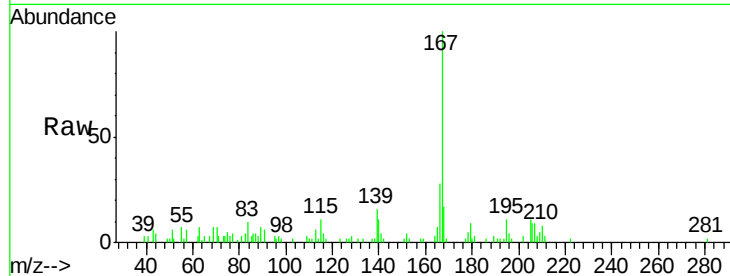
#72
 Carbazole
 Concen: 1.248 ng/ul
 RT: 18.26 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG027511.D
 Acq: 17 Jun 2017 17:51

Instrument :
 BNA_G
 ClientSampleId :
 F5D42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.8	17.9	26.9#
139	15.7	10.5	15.7

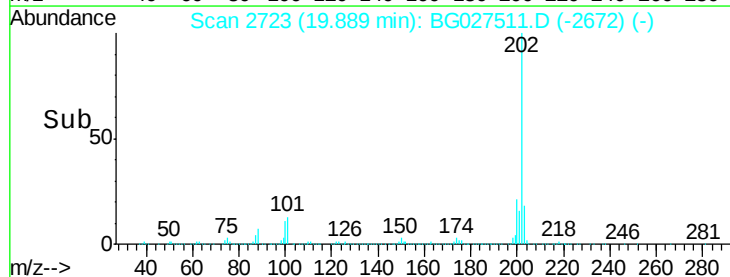
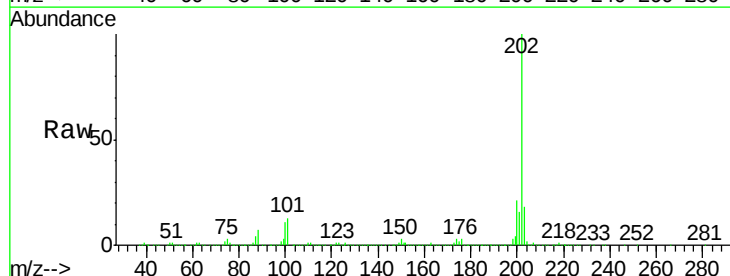
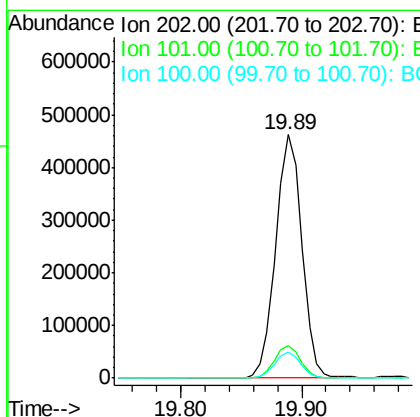
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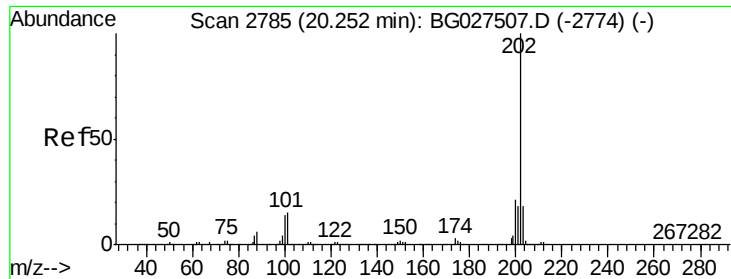
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#74
 Fluoranthene
 Concen: 34.544 ng/ul
 RT: 19.89 min Scan# 2723
 Delta R.T. 0.00 min
 Lab File: BG027511.D
 Acq: 17 Jun 2017 17:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.2	9.2#
100	10.8	5.2	7.8#





#77

Pyrene

Concen: 29.653 ng/ul

RT: 20.25 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Instrument :

BNA_G

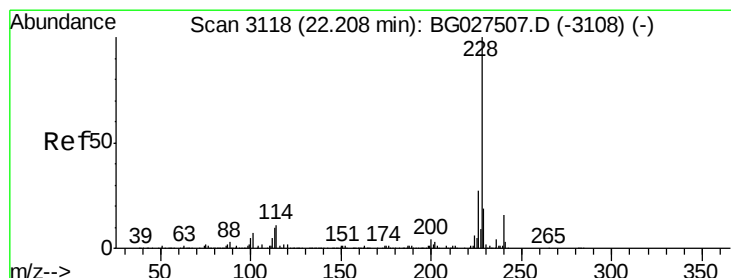
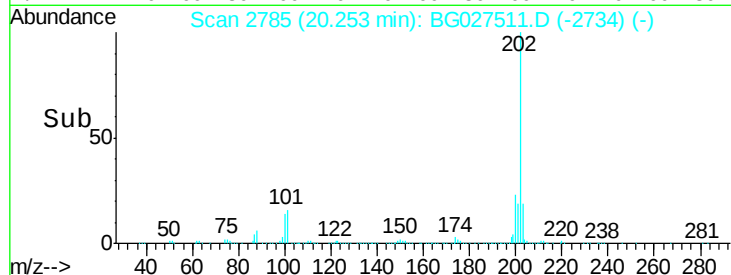
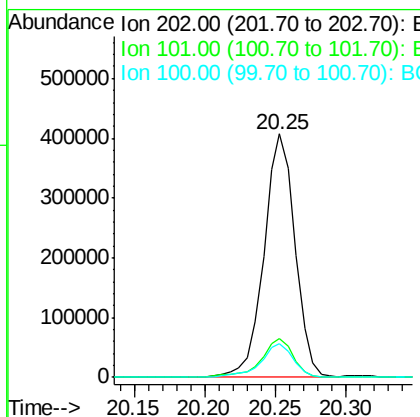
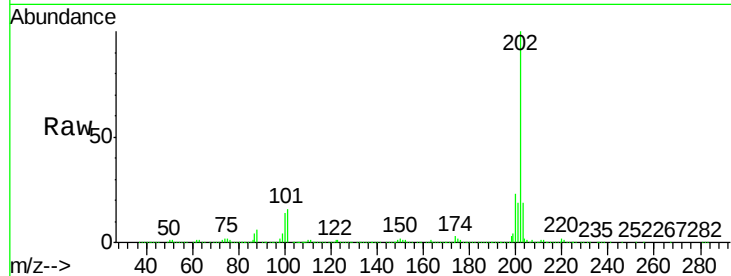
ClientSampleId :

F5D42

Tgt	Ion:202	Resp:	625893
Ion	Ratio	Lower	Upper
202	100		
101	15.9	6.9	10.3#
100	13.7	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 19.475 ng/ul

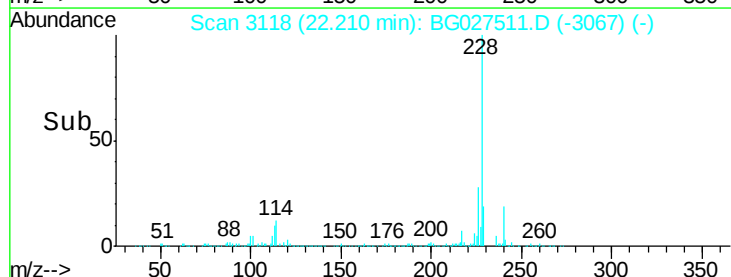
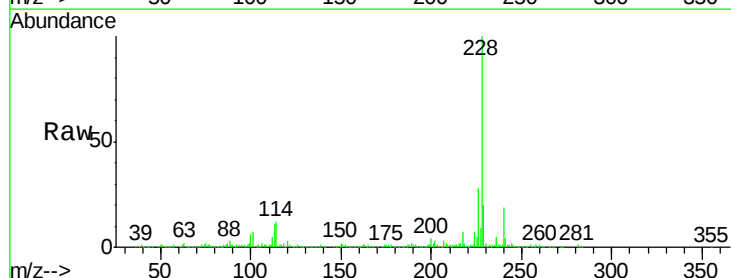
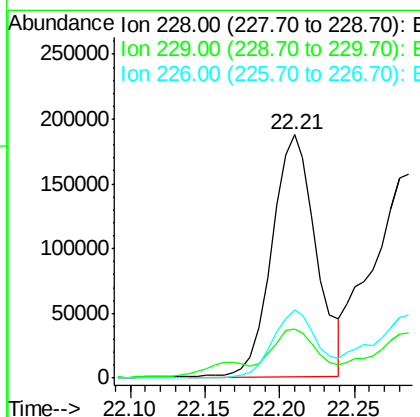
RT: 22.21 min Scan# 3118

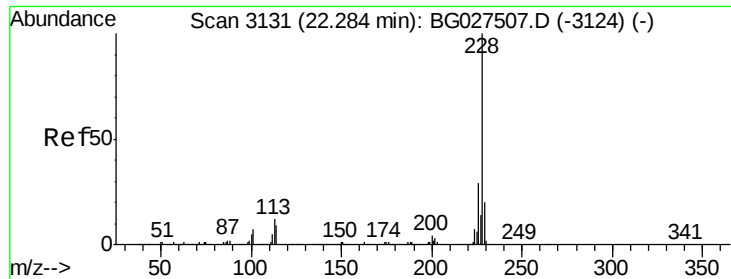
Delta R.T. 0.00 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Tgt	Ion:228	Resp:	387263
Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.1	21.9	32.9





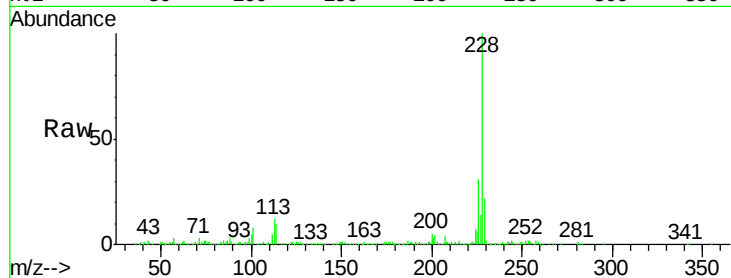
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Chrysene
Concen: 21.896 ng/ul
RT: 22.29 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Instrument :
BNA_G
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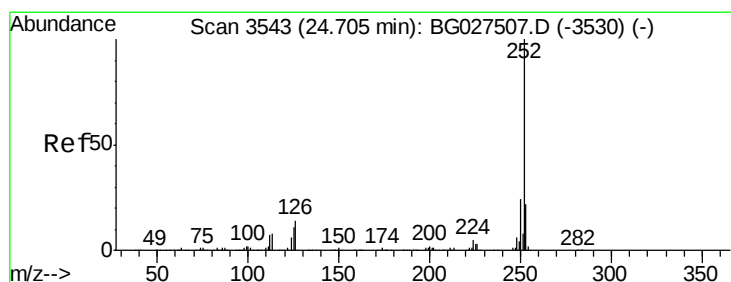
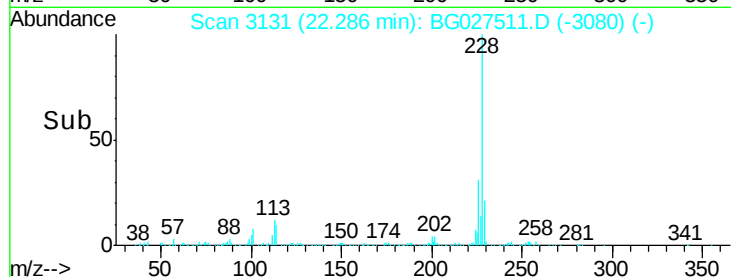
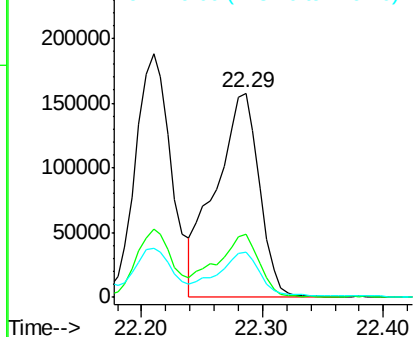
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.0	36.0
229	22.1	16.9	25.3

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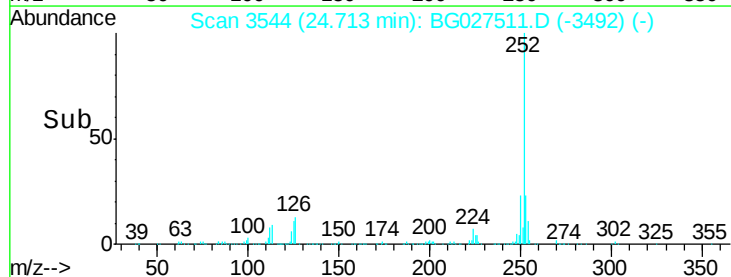
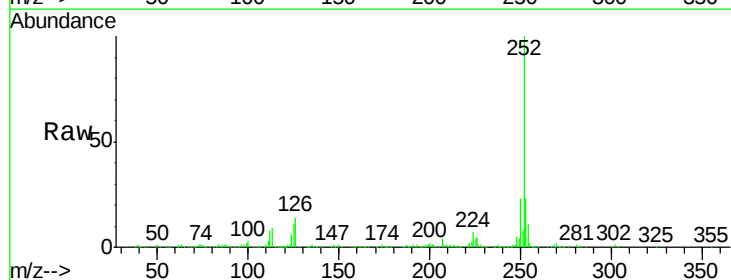
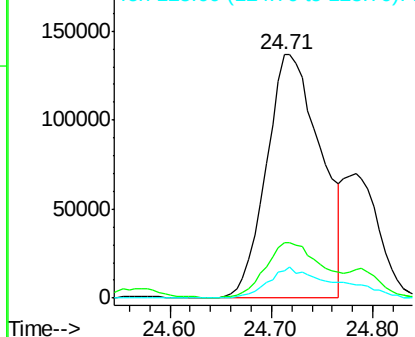
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Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

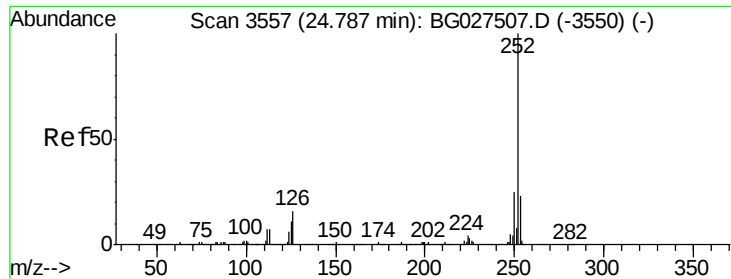


#85
Benzo(b)fluoranthene
Concen: 25.172 ng/ul
RT: 24.71 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.7	26.5
125	11.4	4.0	6.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 8.921 ng/ul m

RT: 24.78 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Instrument :

BNA_G

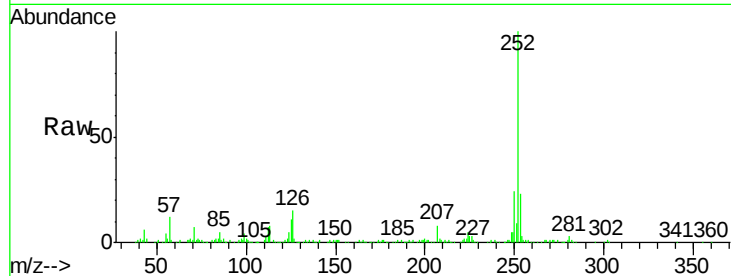
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F5D42

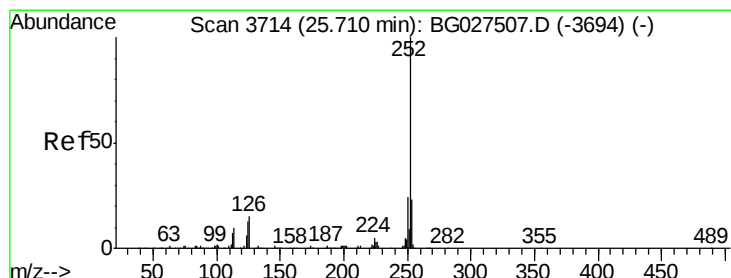
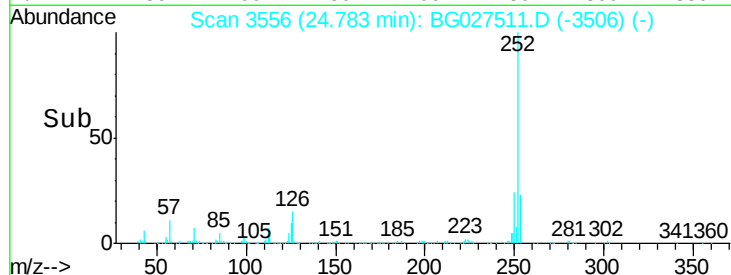
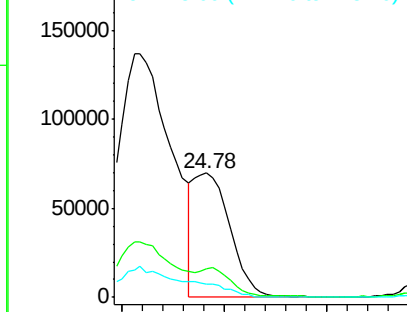
Tgt	Ion	Ratio	Lower	Upper
252	100			
253	23.0	18.5	27.7	
125	10.6	4.1	6.1	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 11.001 ng/ul

RT: 25.71 min Scan# 3714

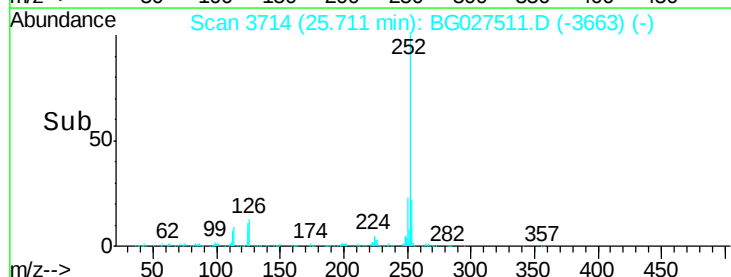
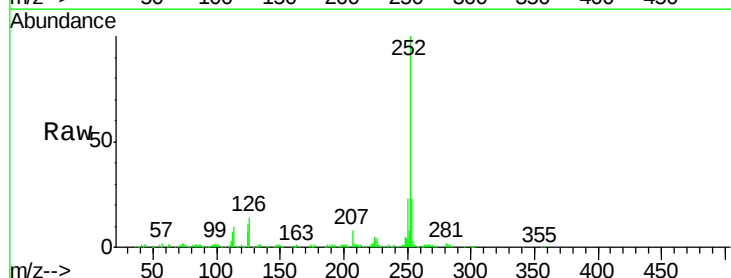
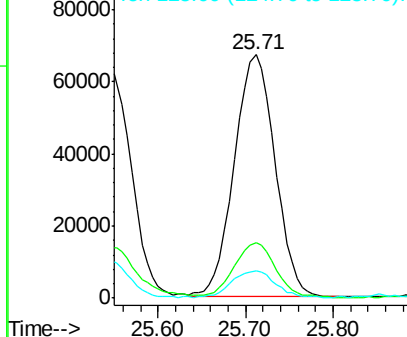
Delta R.T. 0.00 min

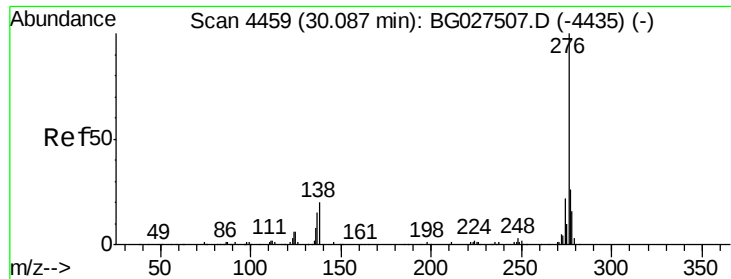
Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.8	17.8	26.6	
125	11.3	5.4	8.0	

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

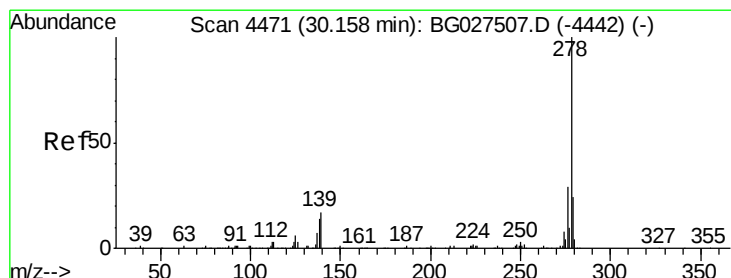
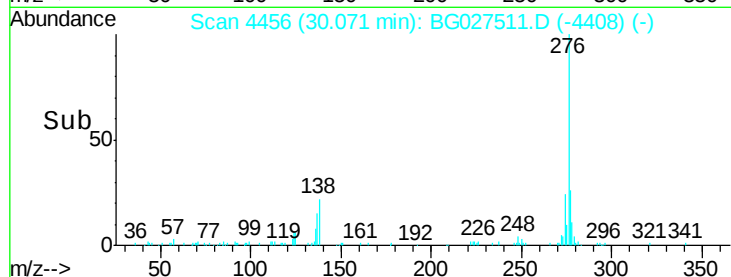
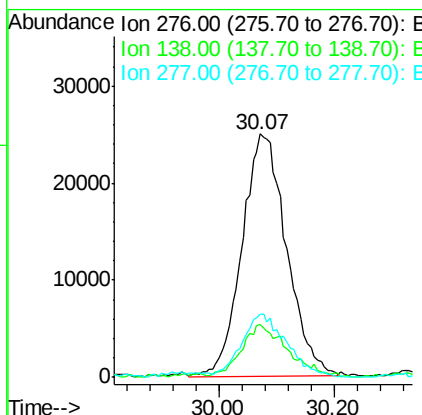
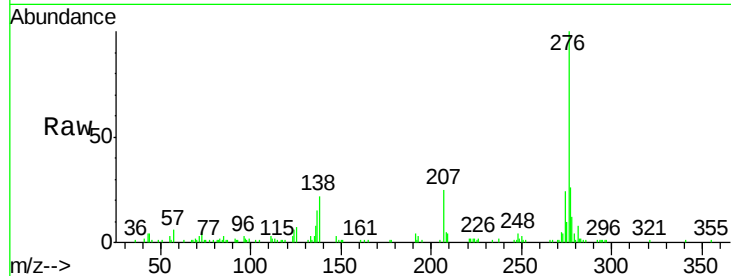
Indeno(1,2,3-cd)pyrene
Concen: 6.028 ng/ul
RT: 30.07 min Scan# 4456
Delta R.T. -0.02 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Instrument :
BNA_G
ClientSampleId :
F5D42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	8.2	12.4#
277	26.0	18.6	28.0

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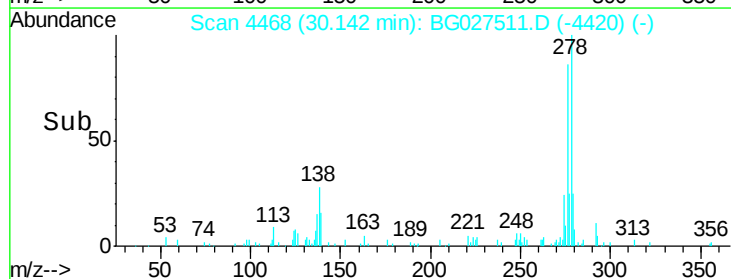
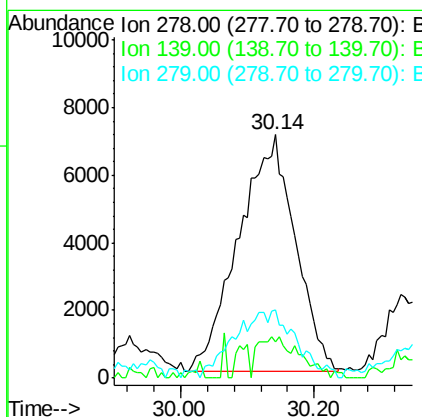
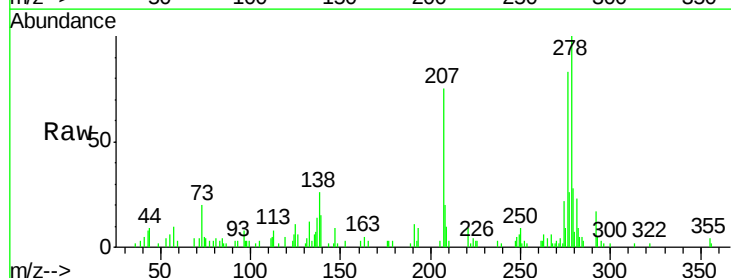
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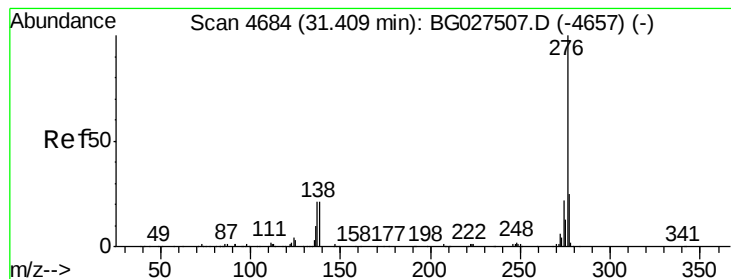


#90

Dibenzo(a,h)anthracene
Concen: 2.175 ng/ul
RT: 30.14 min Scan# 4468
Delta R.T. -0.02 min
Lab File: BG027511.D
Acq: 17 Jun 2017 17:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	6.7	10.1#
279	27.8	20.9	31.3





#91

Benzo(g,h,i)perylene

Concen: 5.177 ng/ul m

RT: 31.39 min Scan# 4680

Delta R.T. -0.02 min

Lab File: BG027511.D

Acq: 17 Jun 2017 17:51

Instrument :

BNA_G

ClientSampleId :

F5D42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	93751		
138	22.8	8.6	12.8#	
277	22.8	17.6	26.4	

Manual Integrations
APPROVED

mohammad
6/19/2017 9:13:29 AM

