

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016190.D
 Acq On : 28 Mar 2015 00:06
 Operator : TP/IZ
 Sample : G1647-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
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apatel
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Quant Time: Mar 28 06:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 05:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	60859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	268308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	155303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	306873	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	314556	20.00	ng/ul	0.01
83) Perylene-d12	23.62	264	326825	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	148107	27.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	77827	25.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	115336	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	113848	27.70	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	61742	28.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	64779	31.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	104094	27.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	138350	26.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	289582	28.60	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	388767	27.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	57349	23.72	ng/ul	0.00
57) Fluorene-d10	15.41	176	266715	26.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	22886	14.27	ng/ul	0.00
70) Anthracene-d10	17.26	188	377668	26.94	ng/ul	0.00
76) Pyrene-d10	19.55	212	371747	26.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	337843	23.70	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.62	128	27180	1.88	ng/ul	99
44) Dimethylphthalate	13.87	163	97016	8.44	ng/ul	99
47) Acenaphthylene	14.14	152	118694	7.51	ng/ul	99
49) Acenaphthene	14.48	153	223950	21.17	ng/ul	98
53) Dibenzofuran	14.81	168	240016	16.80	ng/ul	99
58) Fluorene	15.46	166	312063	25.01	ng/ul	99
69) Phenanthrene	17.21	178	2632979	150.94	ng/ul#	74
71) Anthracene	17.29	178	1055849	59.62	ng/ul	97
72) Carbazole	17.56	167	86865	5.10	ng/ul	97
74) Fluoranthene	19.23	202	3455974m	175.23	ng/ul	
77) Pyrene	19.59	202	3023910	156.23	ng/ul#	76
80) Benzo(a)anthracene	21.32	228	2081551	116.80	ng/ul#	80
82) Chrysene	21.37	228	1743378	102.82	ng/ul#	84
85) Benzo(b)fluoranthene	22.94	252	2191716	116.83	ng/ul#	92
86) Benzo(k)fluoranthene	22.98	252	914441m	49.36	ng/ul	
88) Benzo(a)pyrene	23.54	252	1698976	90.89	ng/ul	92
89) Indeno(1,2,3-cd)pyrene	25.98	276	1051359	48.61	ng/ul	94
90) Dibenzo(a,h)anthracene	25.98	278	310000	17.10	ng/ul#	75
91) Benzo(g,h,i)perylene	26.70	276	752812	41.43	ng/ul	97

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

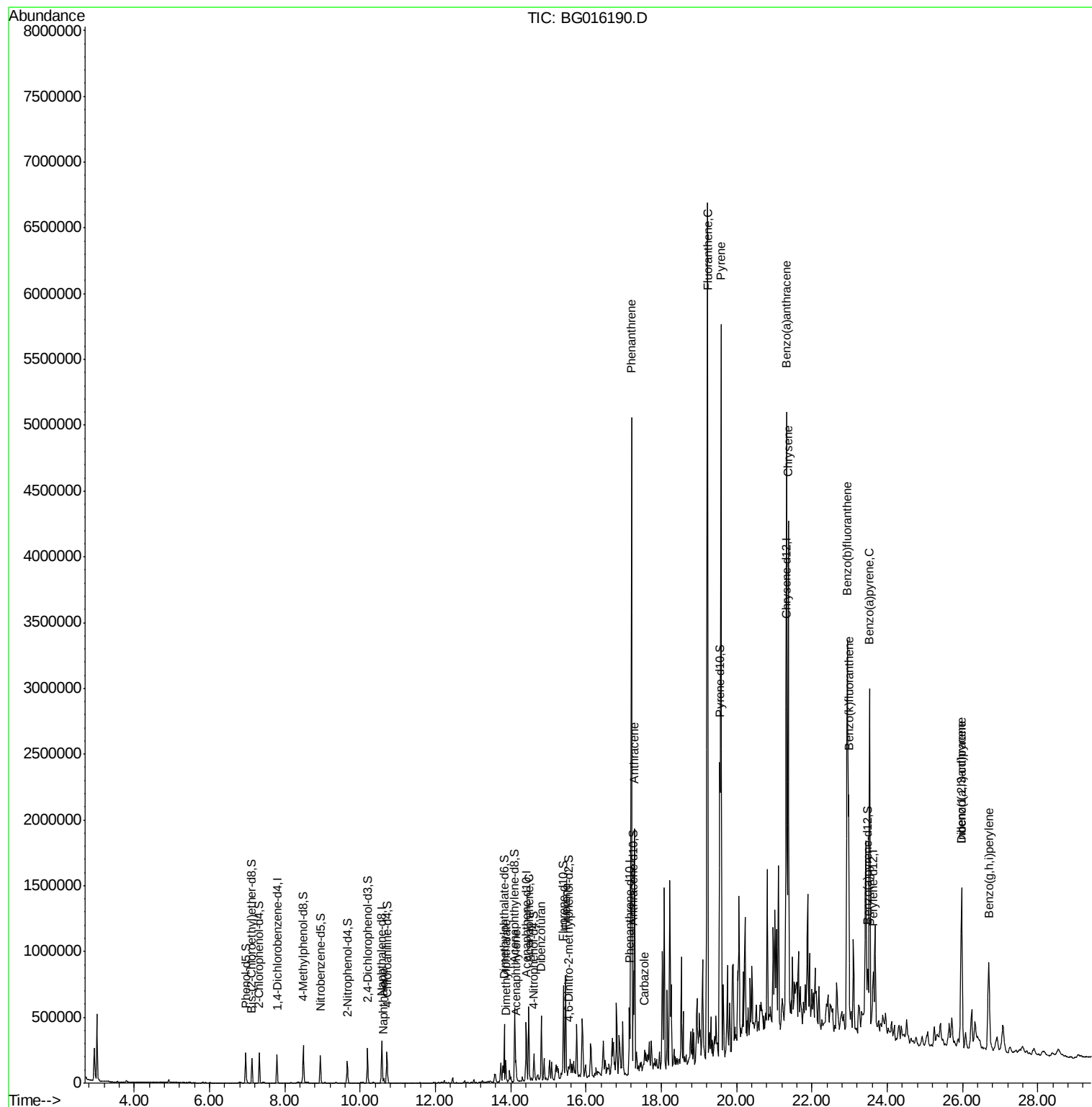
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016190.D
Acq On : 28 Mar 2015 00:06
Operator : TP/IZ
Sample : G1647-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

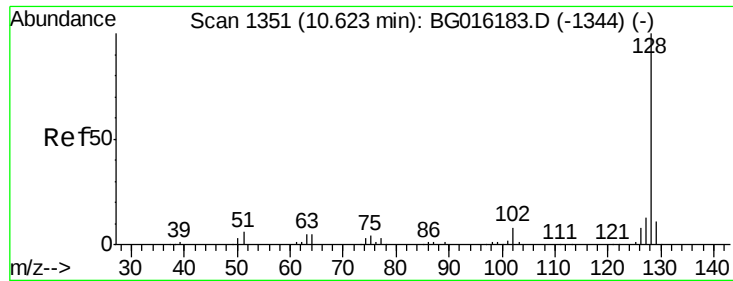
Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations
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Quant Time: Mar 28 06:51:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
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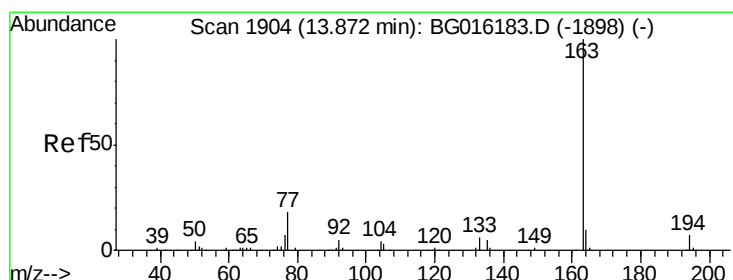
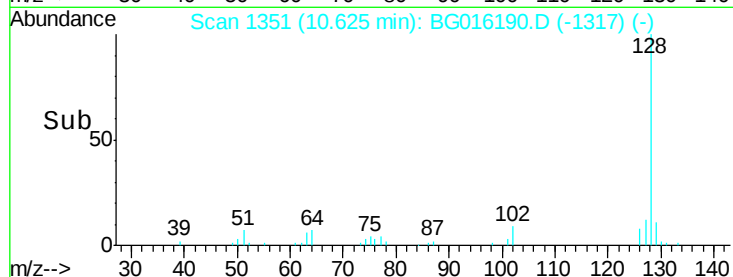
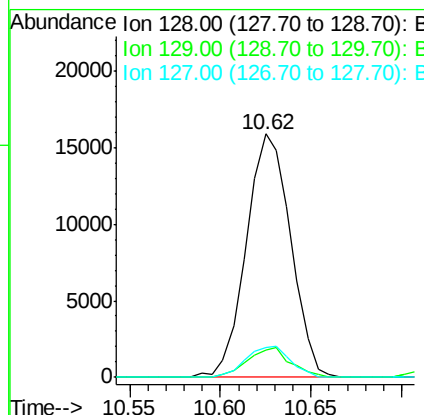
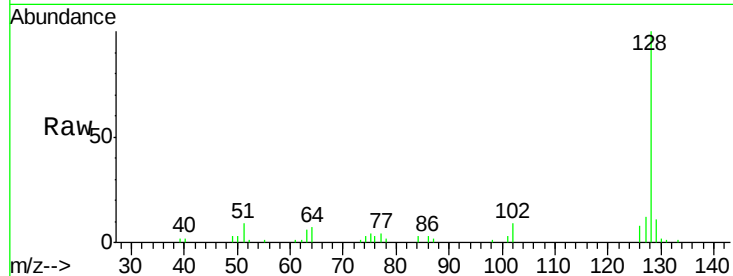
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Naphthalene
Concen: 1.88 ng/ul
RT: 10.62 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Instrument :
BNA_G
ClientSampleId :
C0AC4

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	12.3	10.4	15.6

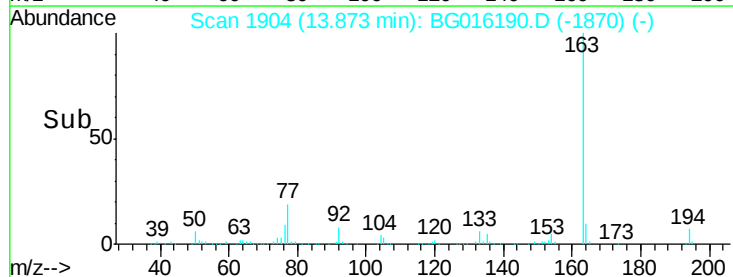
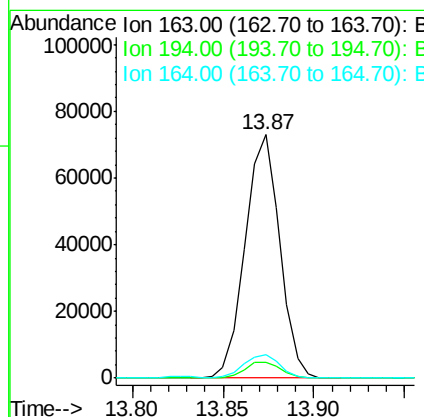
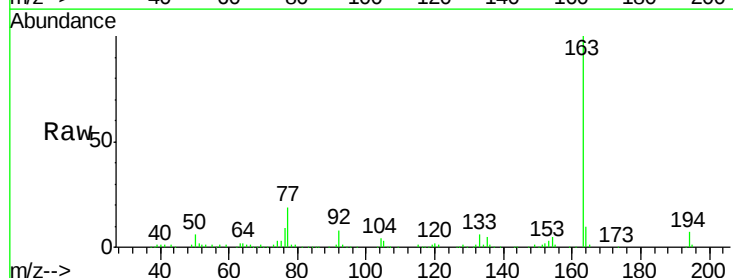
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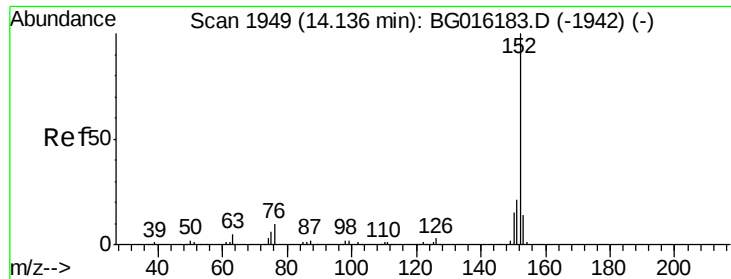
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#44
Dimethylphthalate
Concen: 8.44 ng/ul
RT: 13.87 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.4	8.0
164	9.8	8.2	12.4





#47

Acenaphthylene

Concen: 7.51 ng/ul

RT: 14.14 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BG016190.D

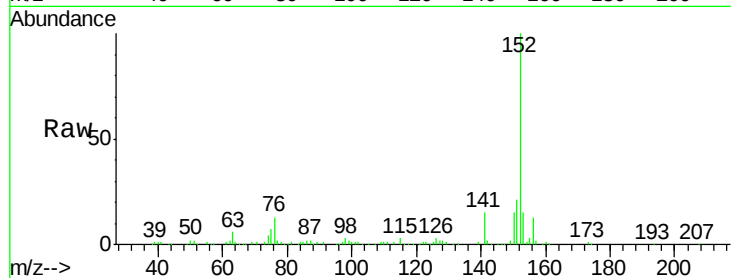
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Instrument :

BNA_G

ClientSampleId :

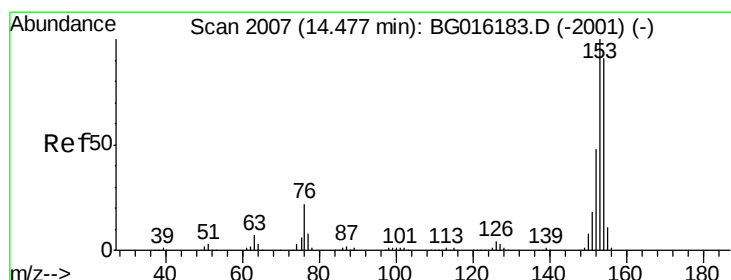
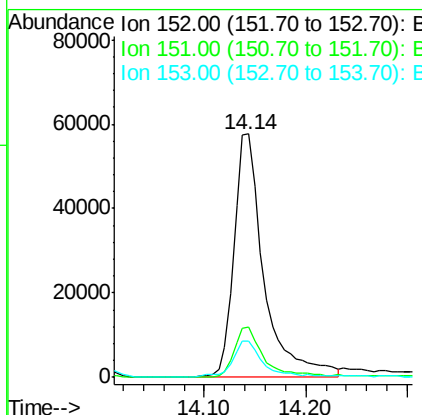
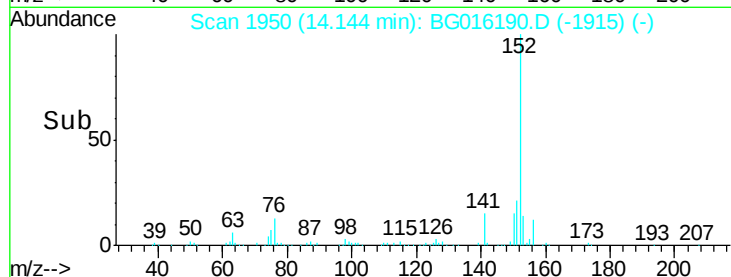
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	118694		
151	20.6	16.3	24.5	
153	14.7	11.0	16.6	

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#49

Acenaphthene

Concen: 21.17 ng/ul

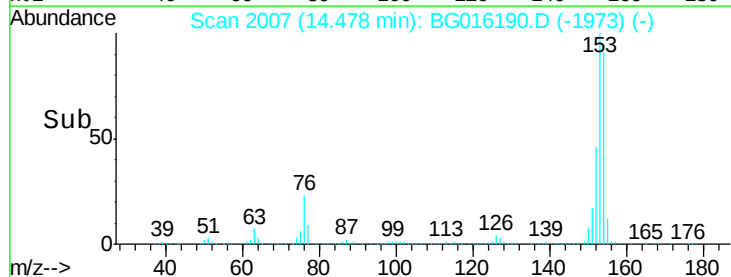
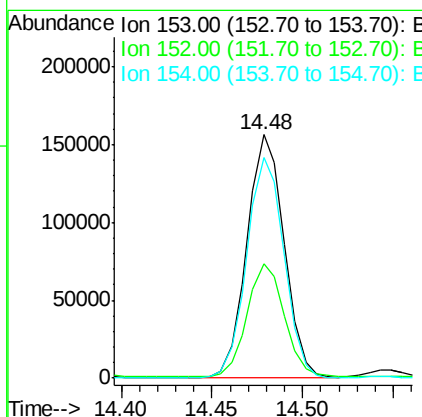
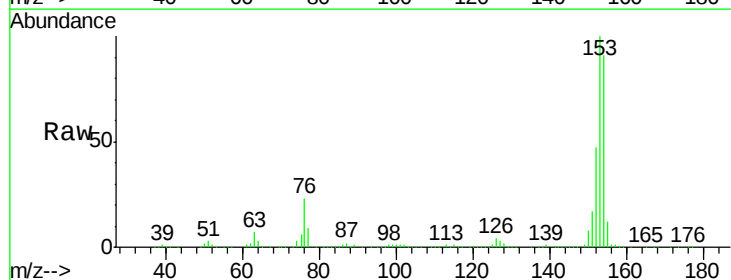
RT: 14.48 min Scan# 2007

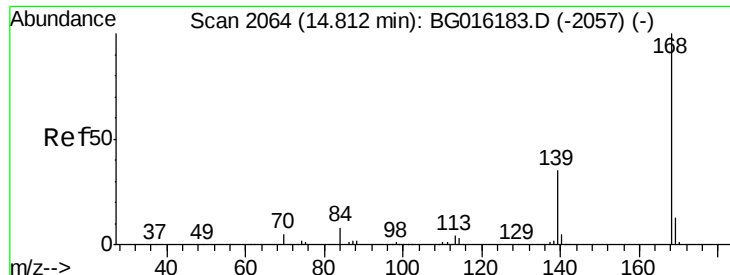
Delta R.T. 0.00 min

Lab File: BG016190.D

Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	223950		
152	46.8	37.4	56.2	
154	90.5	74.4	111.6	





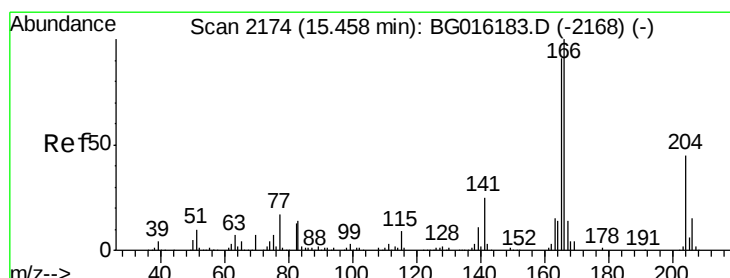
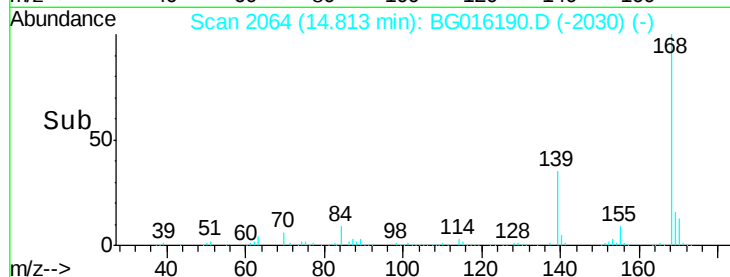
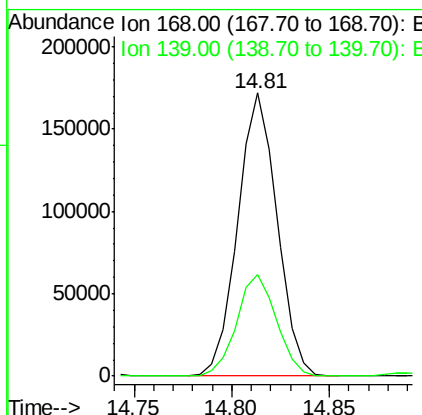
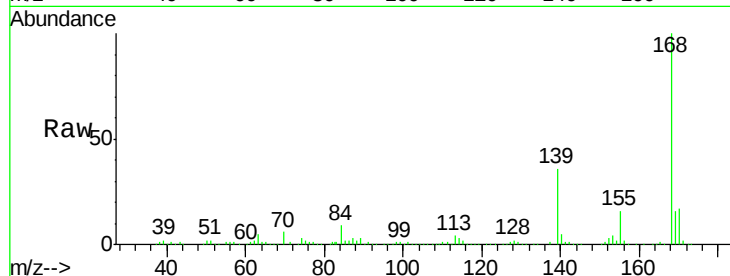
#53
Dibenzenofuran
Concen: 16.80 ng/ul
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Instrument :
BNA_G
ClientSampleId :
C0AC4

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.1	43.7

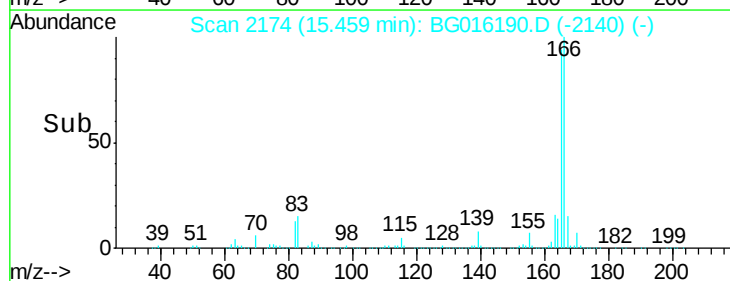
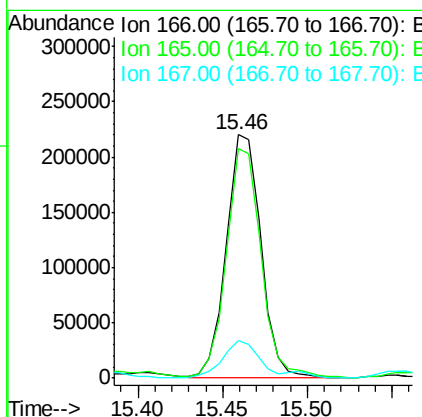
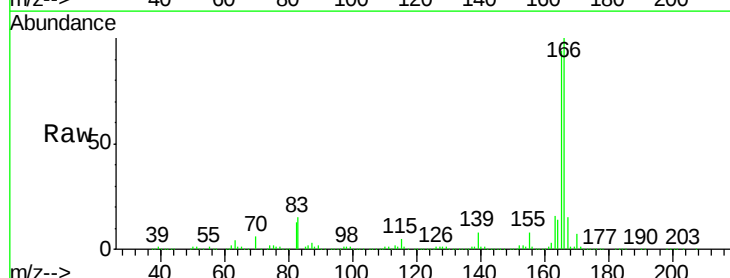
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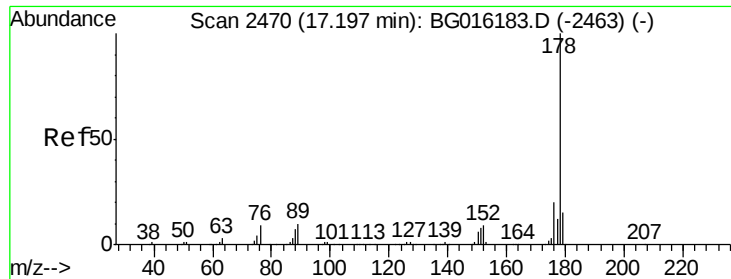
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#58
Fluorene
Concen: 25.01 ng/ul
RT: 15.46 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.1	114.1
167	15.4	10.5	15.7





#69

Phenanthrene

Concen: 150.94 ng/ul

RT: 17.21 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BG016190.D

Acq: 28 Mar 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C0AC4

Tgt Ion:178 Resp: 2632979

Ion Ratio Lower Upper

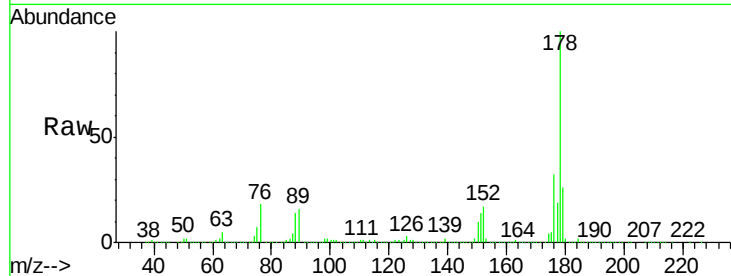
178 100

179 25.7 12.8 19.2#

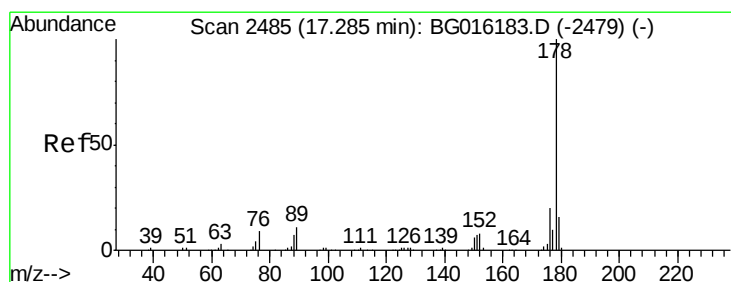
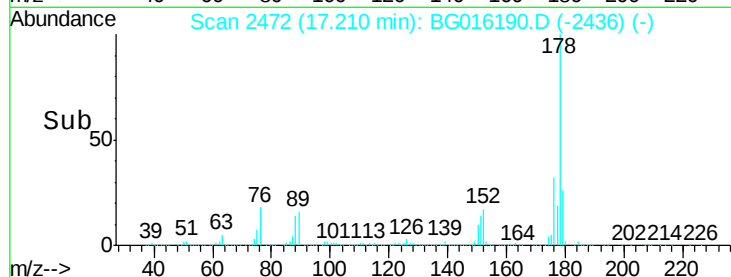
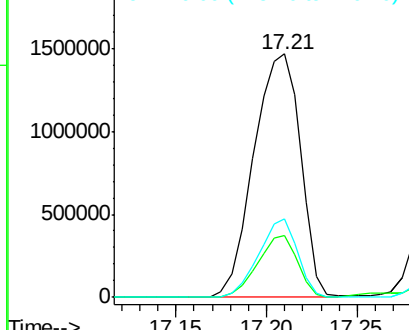
176 32.5 15.6 23.4#

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 59.62 ng/ul

RT: 17.29 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BG016190.D

Acq: 28 Mar 2015 00:06

Tgt Ion:178 Resp: 1055849

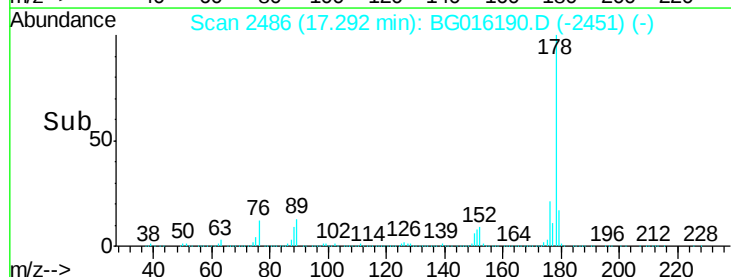
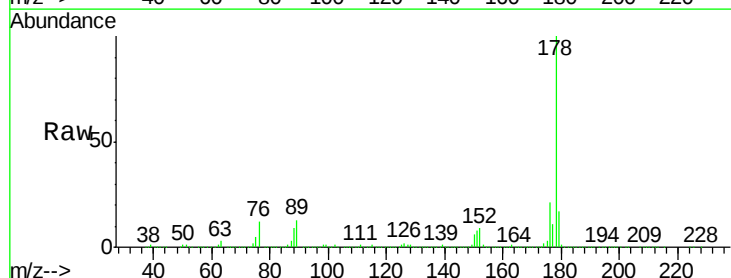
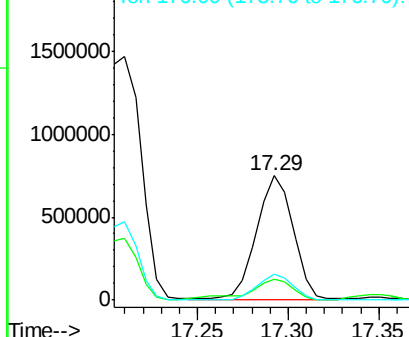
Ion Ratio Lower Upper

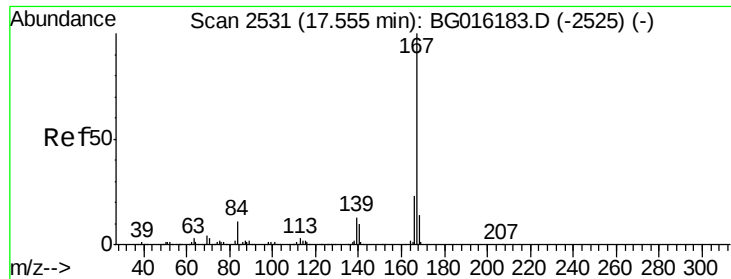
178 100

179 17.0 12.7 19.1

176 21.0 15.3 22.9

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 5.10 ng/ul

RT: 17.56 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG016190.D

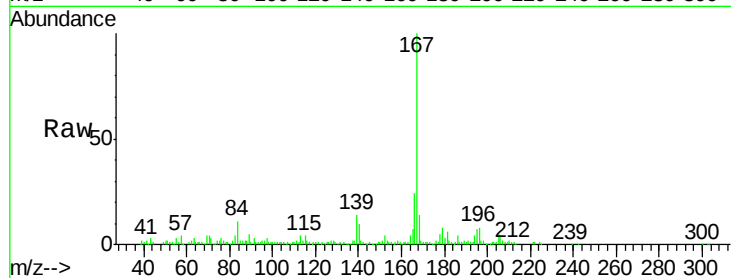
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Instrument :

BNA_G

ClientSampleId :

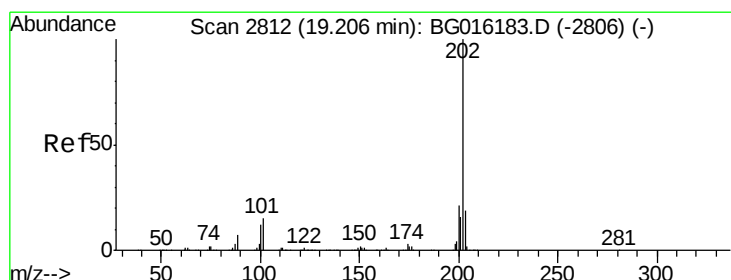
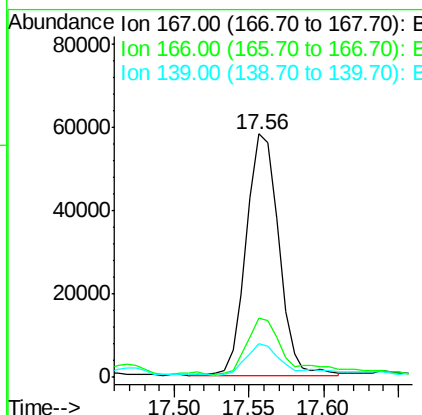
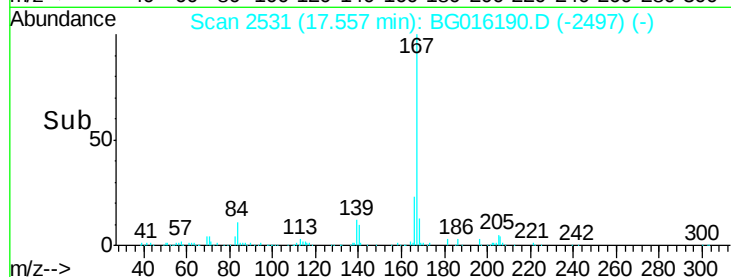
C0AC4



Tgt Ion:	167	Resp:	86865
Ion Ratio	Lower	Upper	
167	100		
166	24.5	18.2	27.2
139	13.6	10.0	15.0

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#74

Fluoranthene

Concen: 175.23 ng/ul m

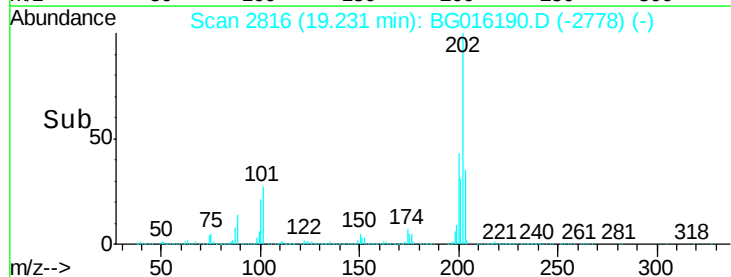
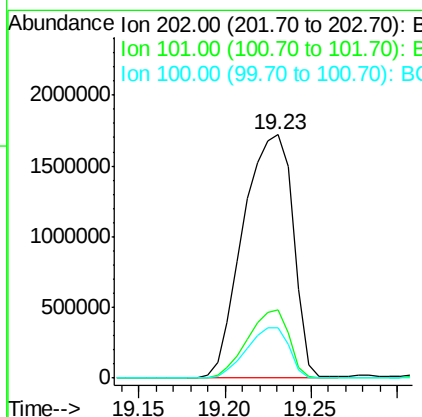
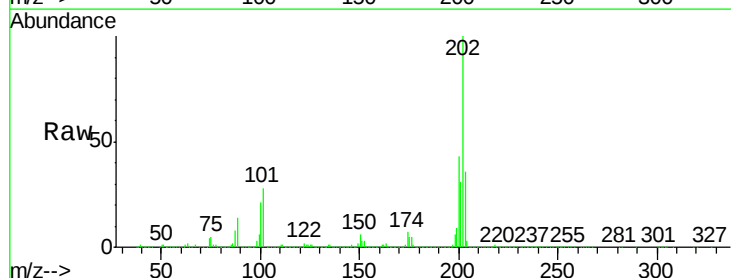
RT: 19.23 min Scan# 2816

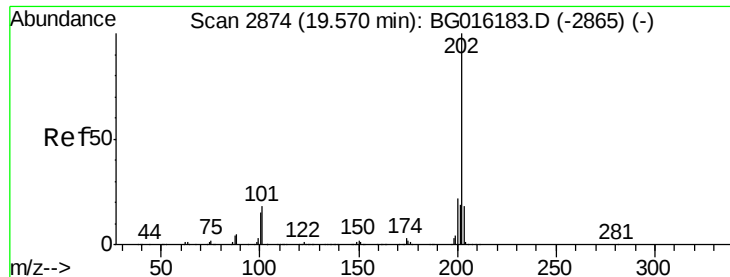
Delta R.T. 0.02 min

Lab File: BG016190.D

Acq: 28 Mar 2015 00:06

Tgt Ion:	202	Resp:	3455974
Ion Ratio	Lower	Upper	
202	100		
101	27.8	12.9	19.3#
100	20.9	9.4	14.2#





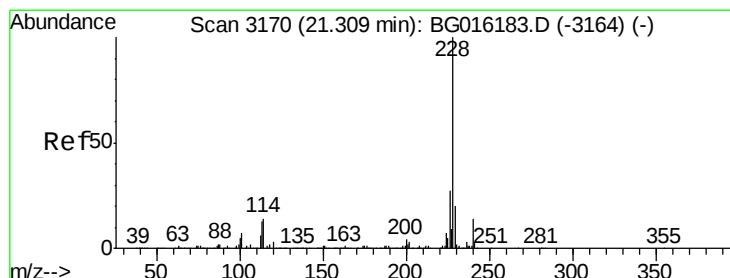
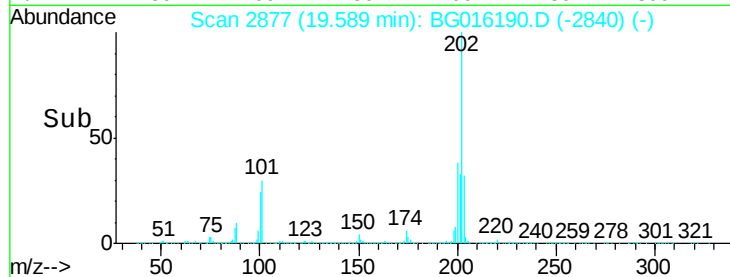
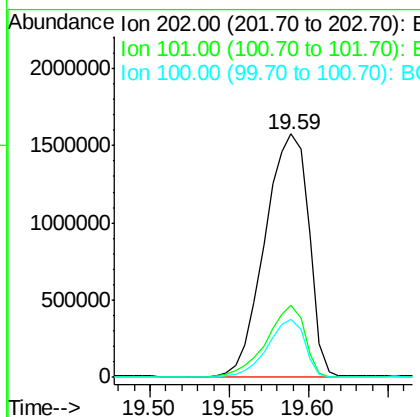
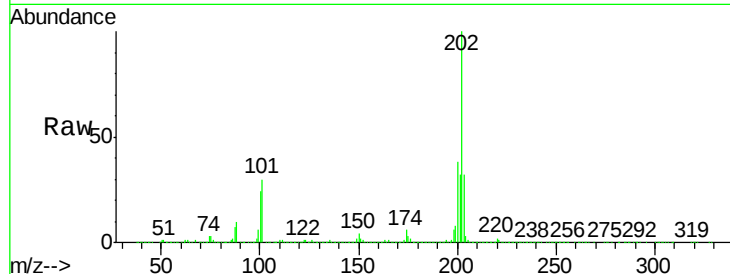
#77
 Pyrene
 Concen: 156.23 ng/ul
 RT: 19.59 min Scan# 2877
 Delta R.T. 0.02 min
 Lab File: BG016190.D
 Acq: 28 Mar 2015 00:06

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	29.5	14.6	21.8#
100	24.0	12.1	18.1#

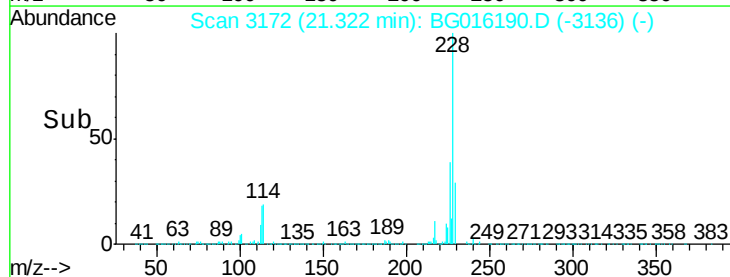
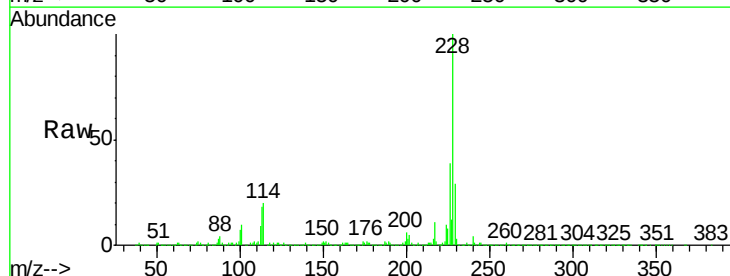
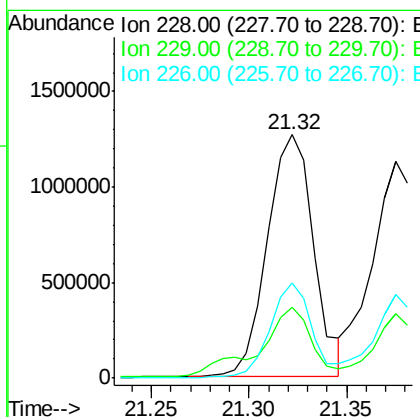
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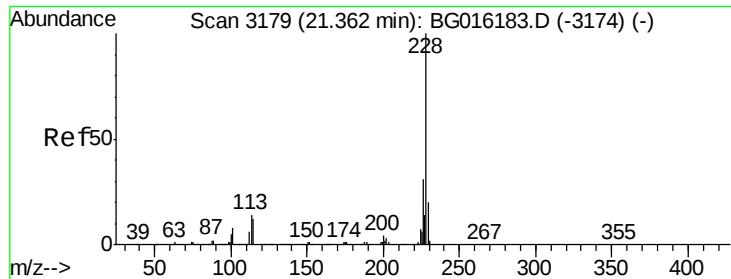
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#80
 Benzo(a)anthracene
 Concen: 116.80 ng/ul
 RT: 21.32 min Scan# 3172
 Delta R.T. 0.01 min
 Lab File: BG016190.D
 Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.1	16.2	24.4#
226	38.9	22.4	33.6#





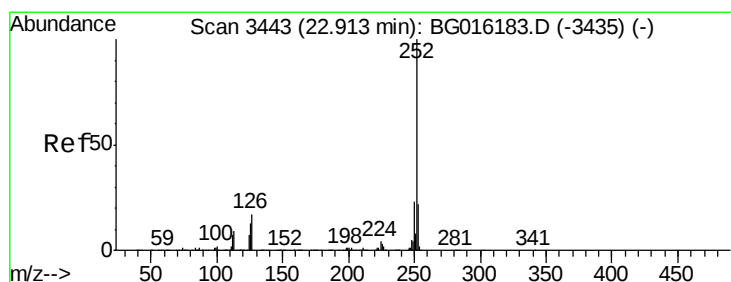
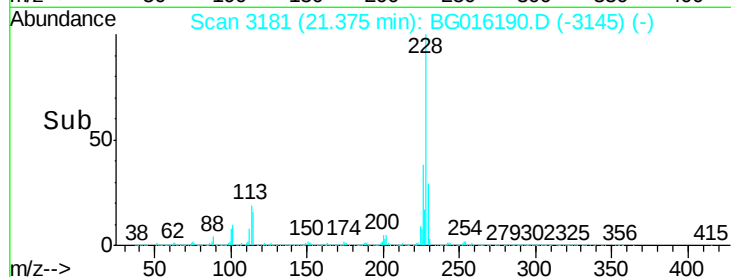
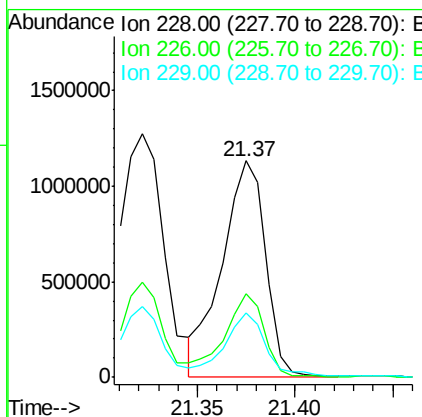
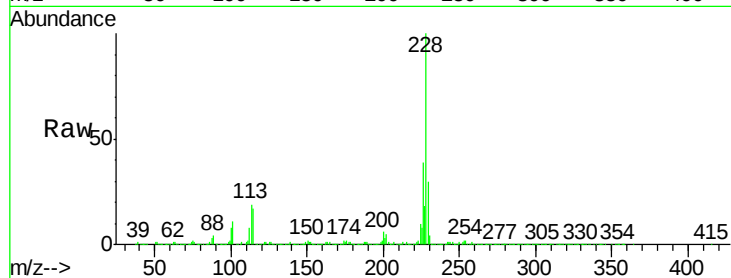
#82
Chrysene
Concen: 102.82 ng/ul
RT: 21.37 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Instrument :
BNA_G
ClientSampleId :
C0AC4

Tgt Ion:228 Resp: 1743378
Ion Ratio Lower Upper
228 100
226 38.5 24.6 36.8#
229 29.5 16.6 25.0#

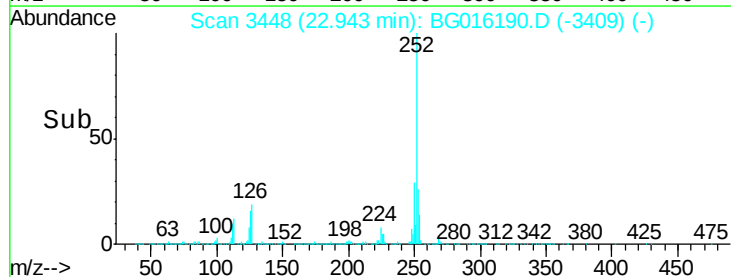
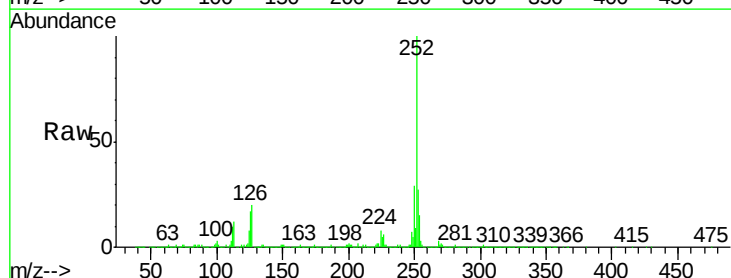
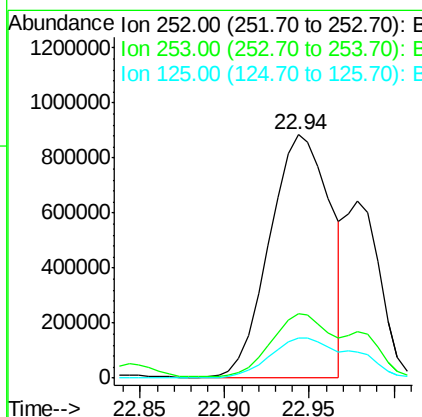
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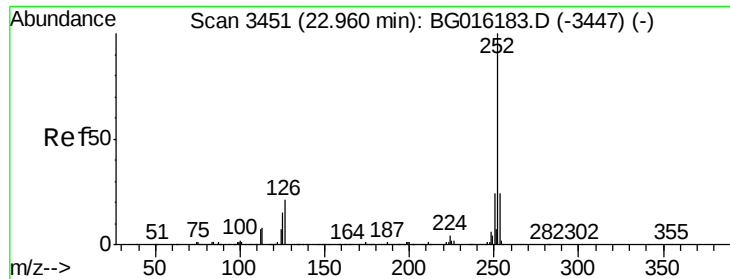
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#85
Benzo(b)fluoranthene
Concen: 116.83 ng/ul
RT: 22.94 min Scan# 3448
Delta R.T. 0.03 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Tgt Ion:252 Resp: 2191716
Ion Ratio Lower Upper
252 100
253 26.7 17.9 26.9
125 16.6 11.0 16.6#





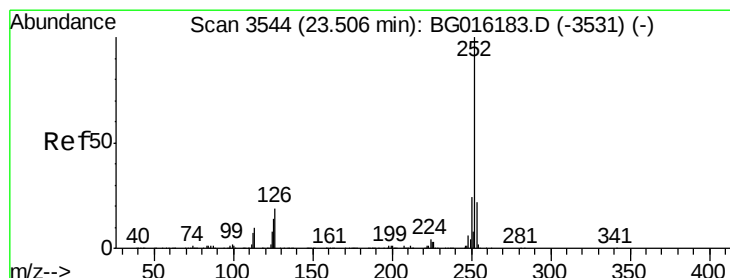
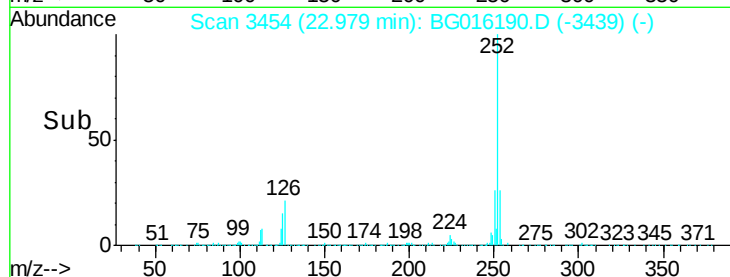
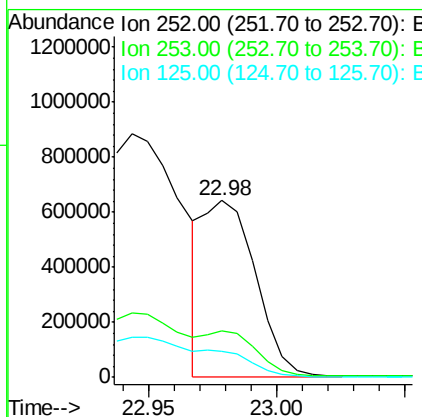
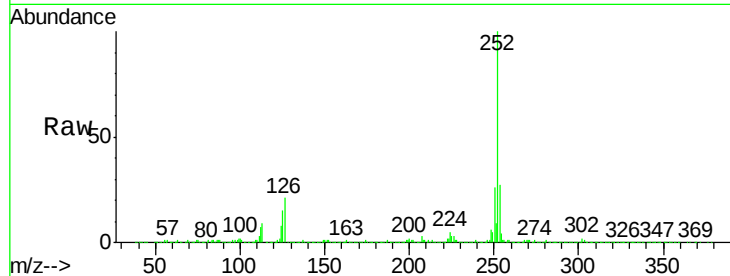
#86
Benzo(k)fluoranthene
Concen: 49.36 ng/ul m
RT: 22.98 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Instrument :
BNA_G
ClientSampleId :
C0AC4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	14.9	10.7	16.1

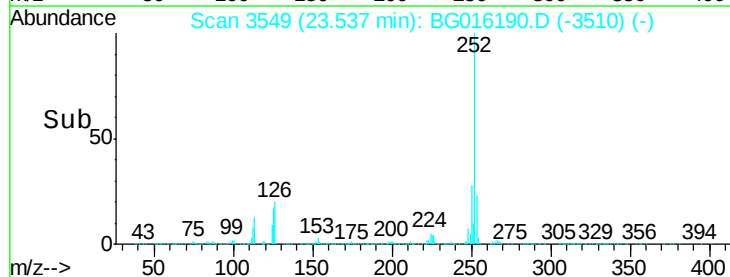
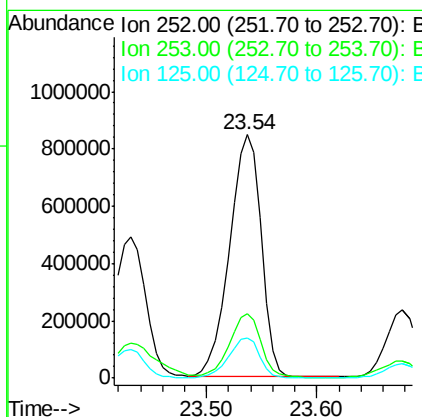
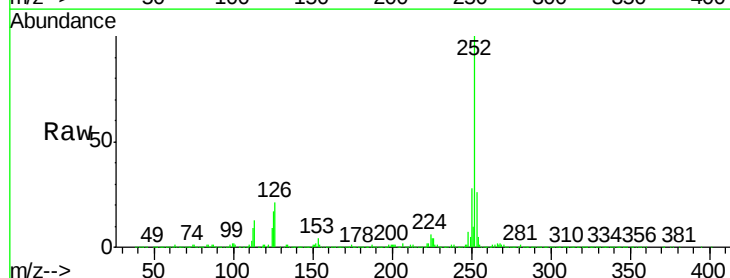
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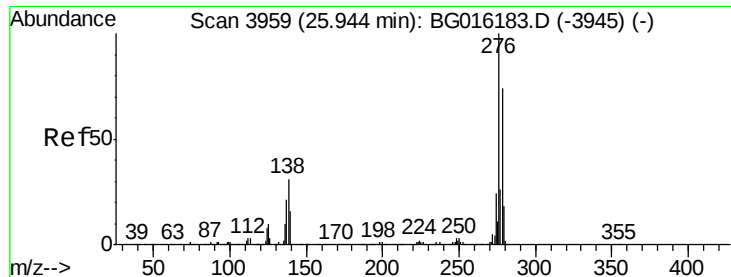
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#88
Benzo(a)pyrene
Concen: 90.89 ng/ul
RT: 23.54 min Scan# 3549
Delta R.T. 0.03 min
Lab File: BG016190.D
Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4
125	16.7	11.5	17.3





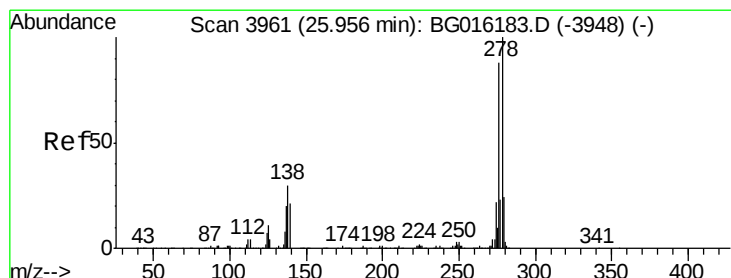
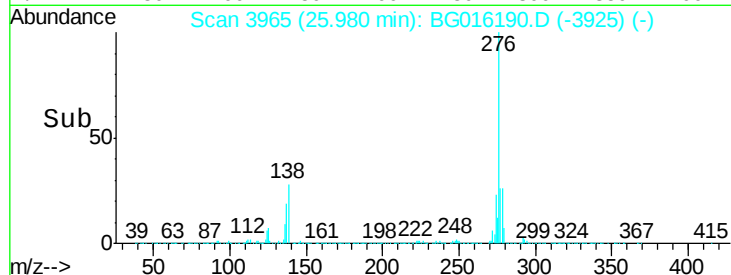
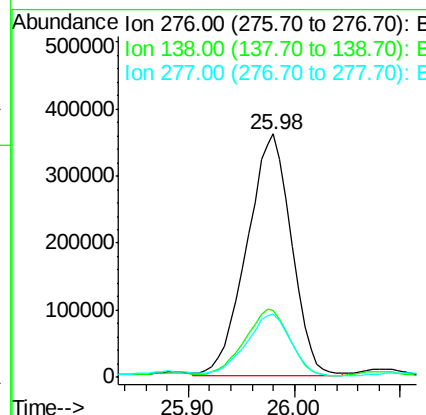
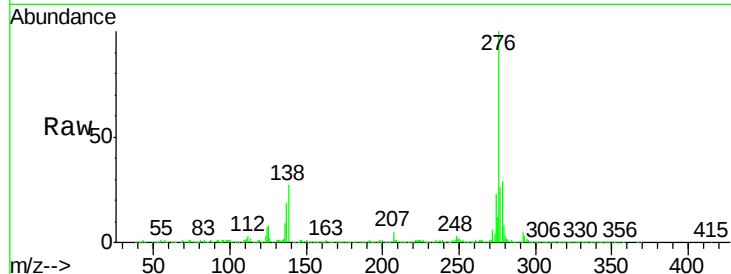
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 48.61 ng/ul
 RT: 25.98 min Scan# 3965
 Delta R.T. 0.04 min
 Lab File: BG016190.D
 Acq: 28 Mar 2015 00:06

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	26.1	39.1
277	26.0	20.0	30.0

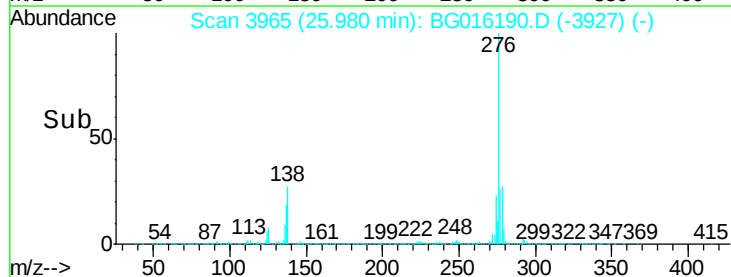
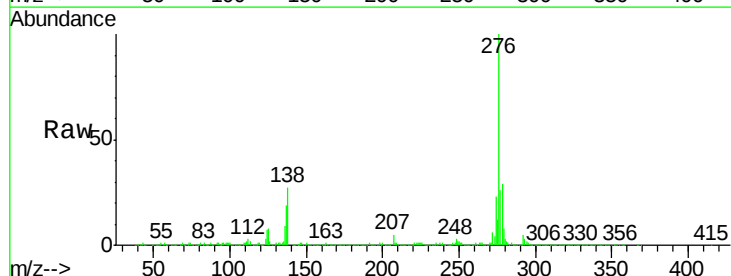
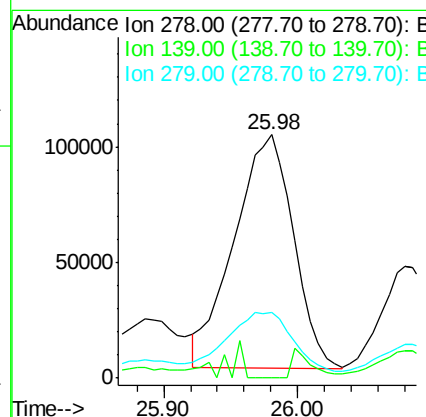
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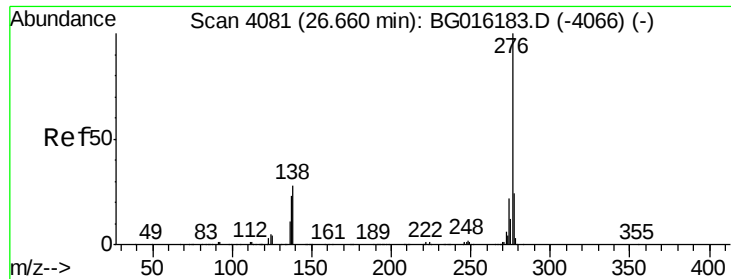
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#90
 Dibenzo(a,h)anthracene
 Concen: 17.10 ng/ul
 RT: 25.98 min Scan# 3965
 Delta R.T. 0.02 min
 Lab File: BG016190.D
 Acq: 28 Mar 2015 00:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	26.8	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 41.43 ng/ul

RT: 26.70 min Scan# 4088

Delta R.T. 0.04 min

Lab File: BG016190.D

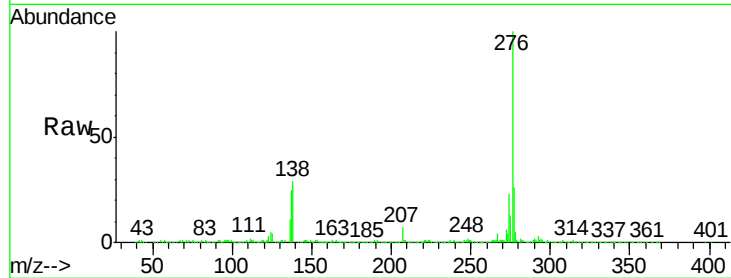
Acq: 28 Mar 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C0AC4



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.7	22.0	33.0	
277	25.6	19.0	28.4	

Manual Integrations
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