

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
 Data File : BG018161.D
 Acq On : 28 Jul 2015 23:53
 Operator : TP/UM
 Sample : G3048-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

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Quant Time: Aug 07 18:23:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	49537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	220789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	136641	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	271006	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	305655	20.00	ng/ul	0.01
86) Perylene-d12	23.36	264	319136	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1083	1.37	ng/uL	0.00
5) Phenol-d5	6.71	99	30147	7.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	17166	9.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	31299	9.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	11639	3.43	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	18405	10.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	20692	11.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	28341	8.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	2860	0.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	99388	10.36	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	123149	10.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	11477	5.69	ng/ul	0.01
58) Fluorene-d10	15.18	176	93245	10.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	2741	1.58	ng/ul	0.01
71) Anthracene-d10	17.04	188	126370	10.77	ng/ul	0.00
79) Pyrene-d10	19.36	212	140668	10.05	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	149232	9.80	ng/ul	0.03

Target Compounds

					Qvalue	
14) Acetophenone	8.32	105	10214	2.14	ng/ul#	41
28) Naphthalene	10.35	128	74056	7.16	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	17326	2.22	ng/ul	93
45) Dimethylphthalate	13.65	163	40445	4.19	ng/ul	99
59) Fluorene	15.24	166	14165	1.43	ng/ul#	93
70) Phenanthrene	16.98	178	128651	9.45	ng/ul	98
72) Anthracene	17.08	178	23792m	1.72	ng/ul	
76) Di-n-butylphthalate	17.93	149	31932	2.03	ng/ul	97
77) Fluoranthene	19.02	202	248273	17.12	ng/ul	95
80) Pyrene	19.39	202	239119	13.66	ng/ul	95
81) Butylbenzylphthalate	20.30	149	136908	19.12	ng/ul	93
83) Benzo(a)anthracene	21.14	228	109174	6.75	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	68801	6.70	ng/ul#	96
85) Chrysene	21.20	228	120045m	7.89	ng/ul	
88) Benzo(b)fluoranthene	22.71	252	167780	9.60	ng/ul#	35
91) Benzo(a)pyrene	23.26	252	89708	5.30	ng/ul#	34
92) Indeno(1,2,3-cd)pyrene	25.59	276	43754	2.24	ng/ul#	90
94) Benzo(g,h,i)perylene	26.28	276	36083	2.24	ng/ul#	83

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

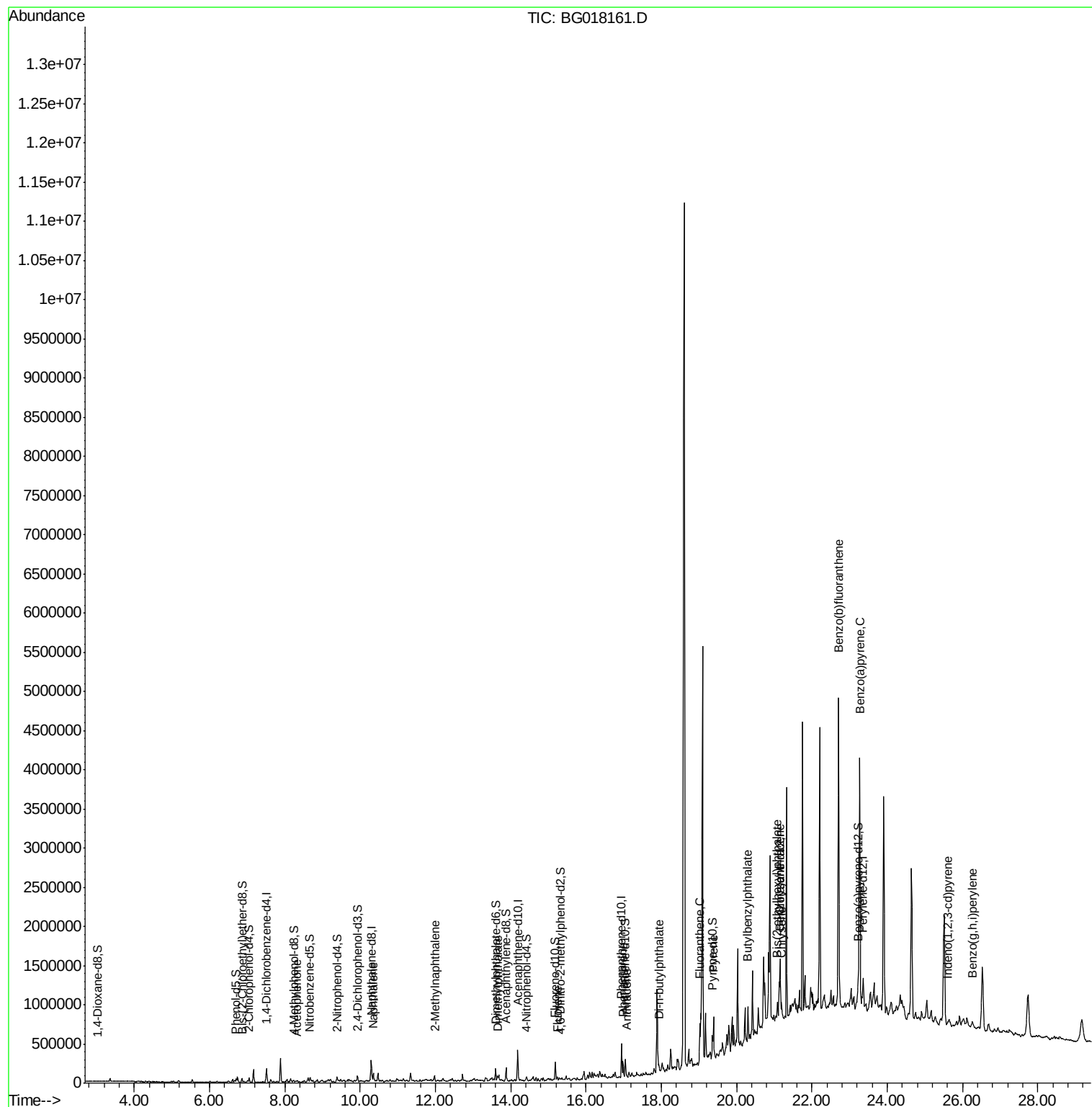
Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018161.D
Acq On : 28 Jul 2015 23:53
Operator : TP/UM
Sample : G3048-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

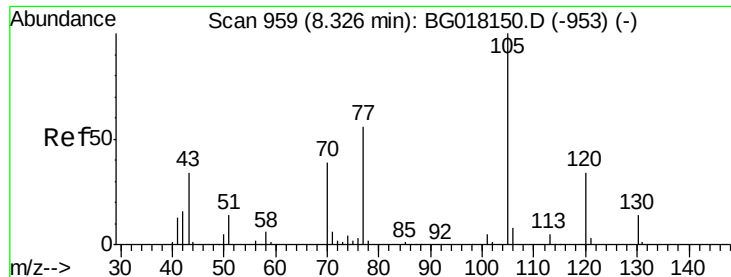
Instrument :
BNA_G
ClientSampleId :
C01S6

Quant Time: Aug 07 18:23:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
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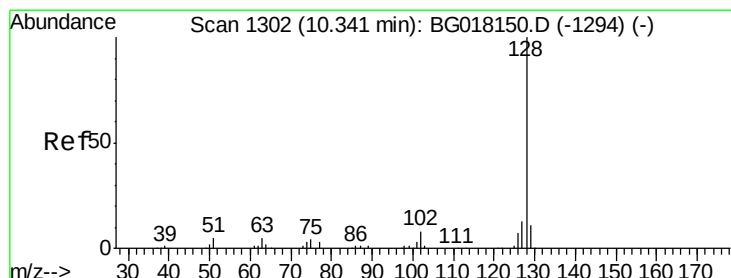
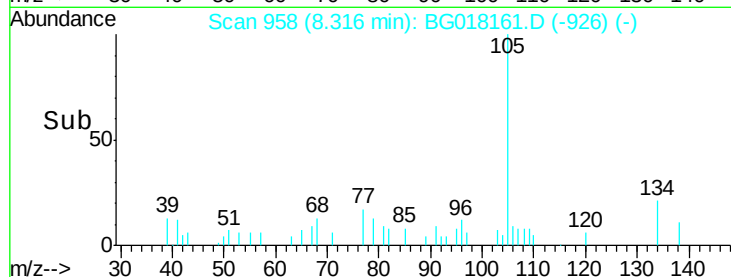
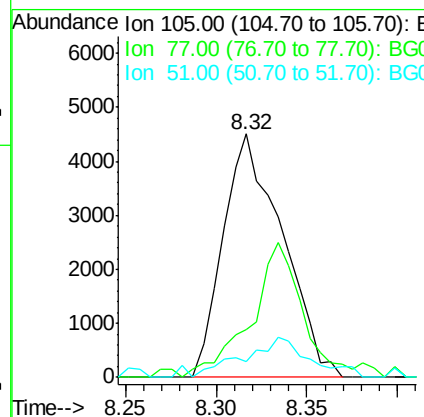
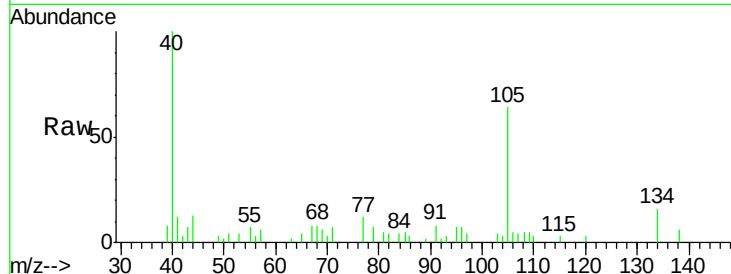
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Acetophenone
Concen: 2.14 ng/ul
RT: 8.32 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Instrument :
BNA_G
ClientSampleId :
C01S6

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	19.6	61.7	92.5#
51	6.5	18.1	27.1#

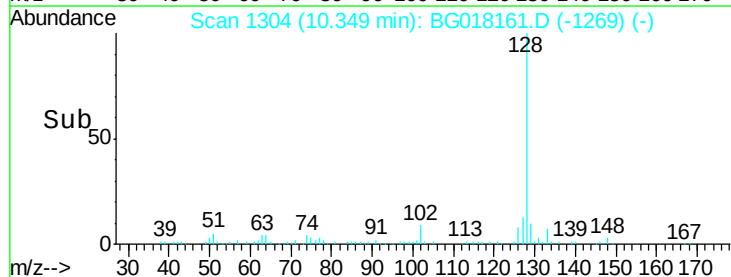
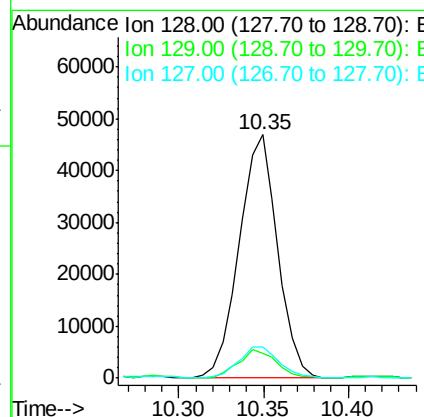
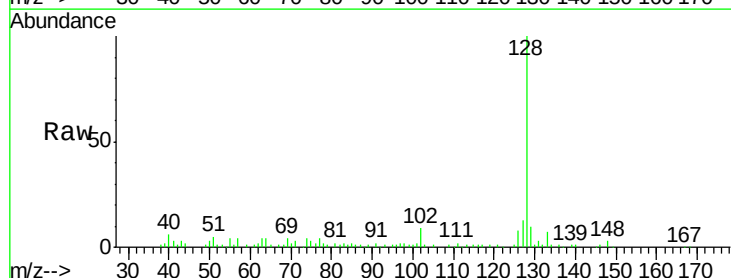
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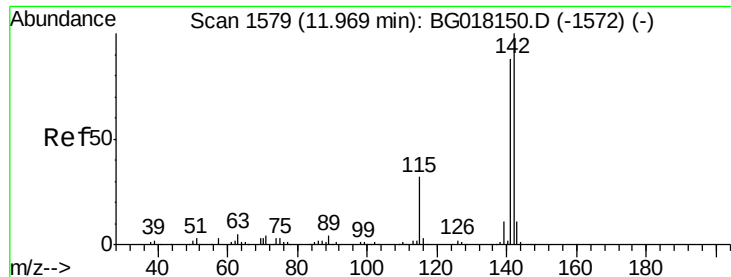
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#28
Naphthalene
Concen: 7.16 ng/ul
RT: 10.35 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.4	9.5	14.3
127	13.0	10.1	15.1





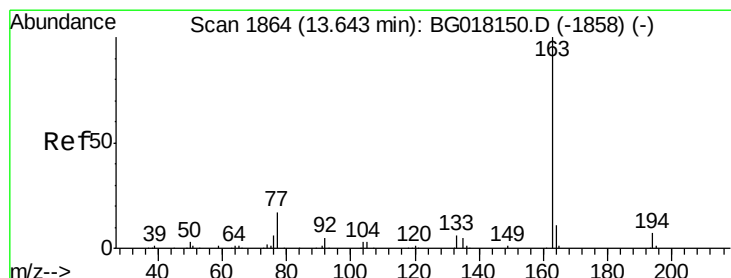
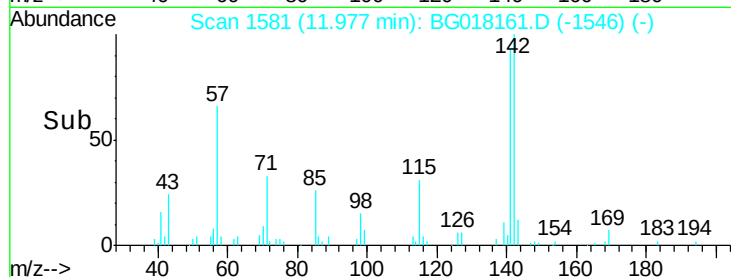
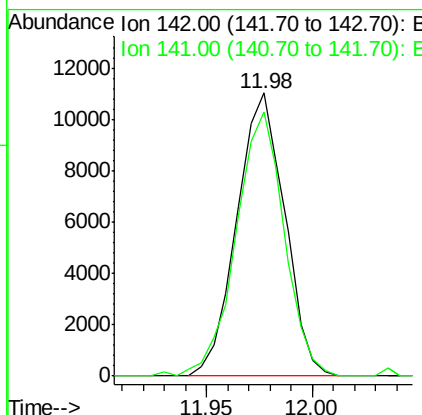
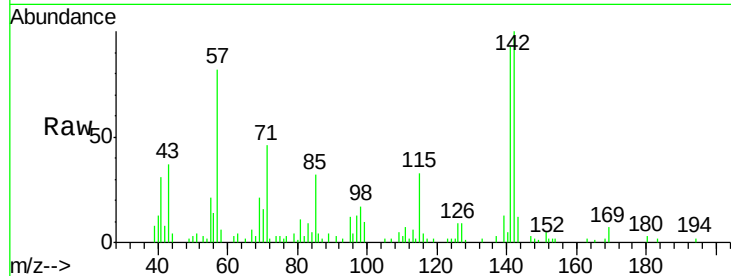
#34
 2-Methylnaphthalene
 Concen: 2.22 ng/ul
 RT: 11.98 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

Tgt Ion:142 Resp: 17326
 Ion Ratio Lower Upper
 142 100
 141 93.2 69.4 104.0

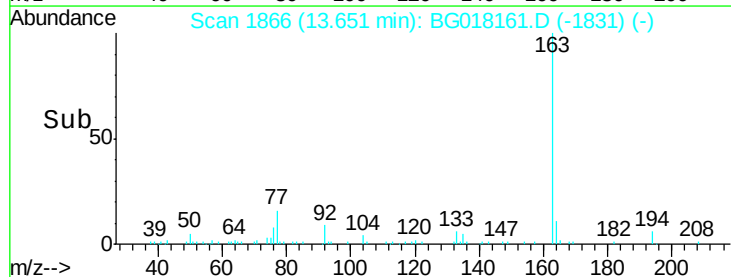
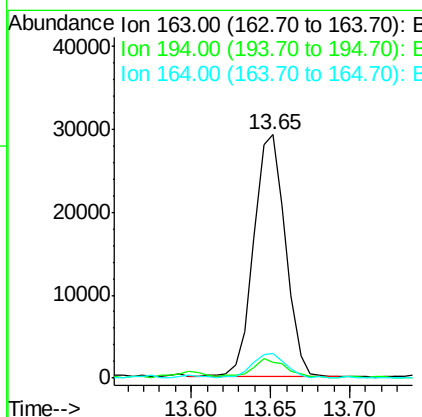
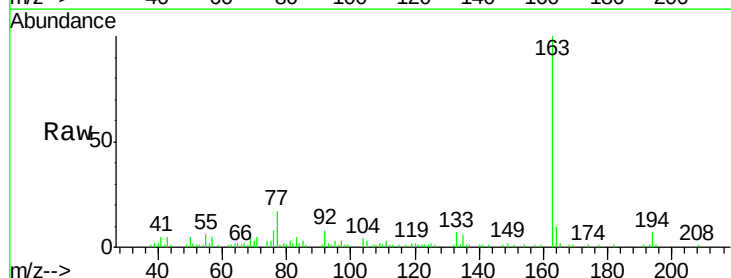
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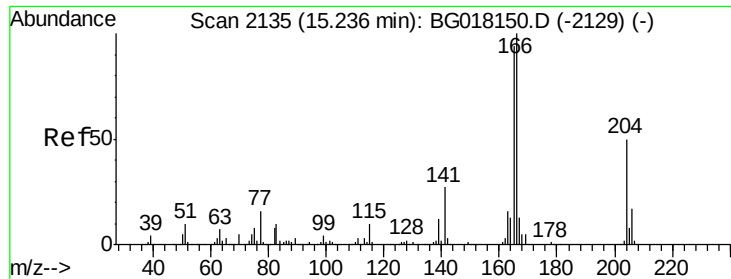
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#45
 Dimethylphthalate
 Concen: 4.19 ng/ul
 RT: 13.65 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Tgt Ion:163 Resp: 40445
 Ion Ratio Lower Upper
 163 100
 194 6.7 5.4 8.2
 164 10.4 8.7 13.1





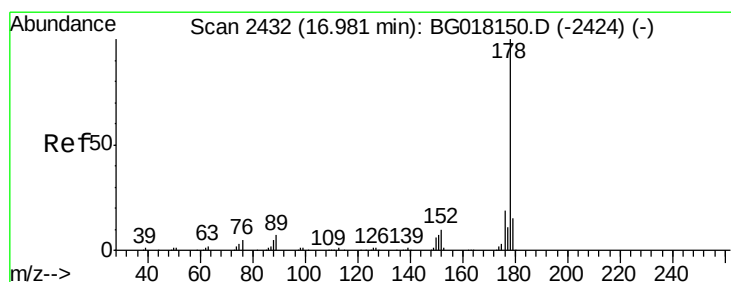
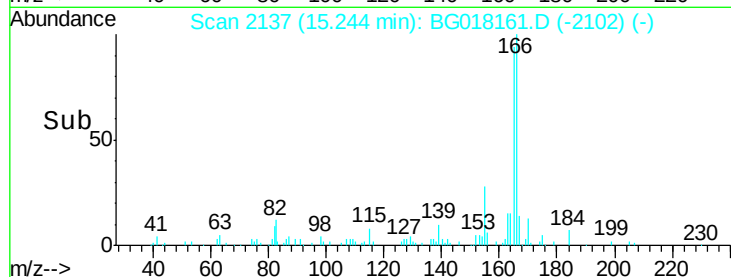
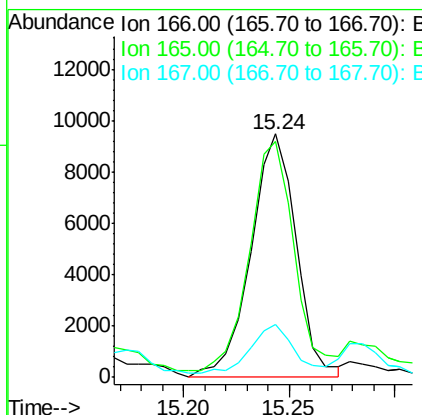
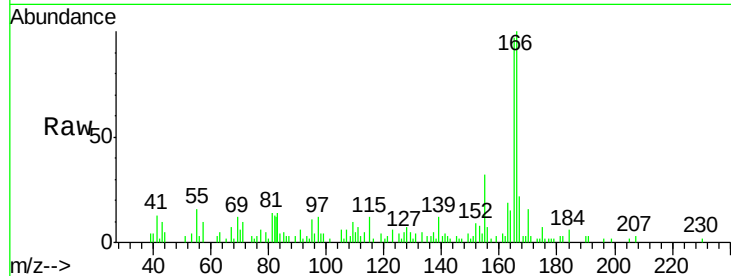
#59
 Fluorene
 Concen: 1.43 ng/ul
 RT: 15.24 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	14165		
165	97.1	73.6	110.4	
167	21.6	10.8	16.2	

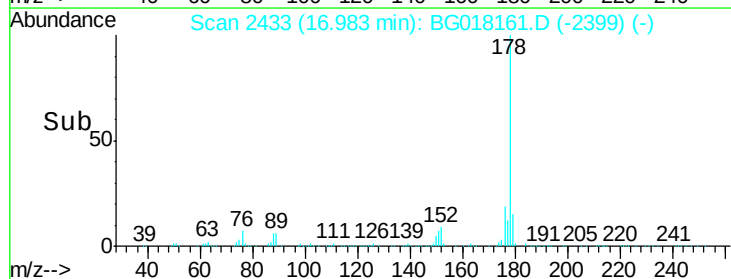
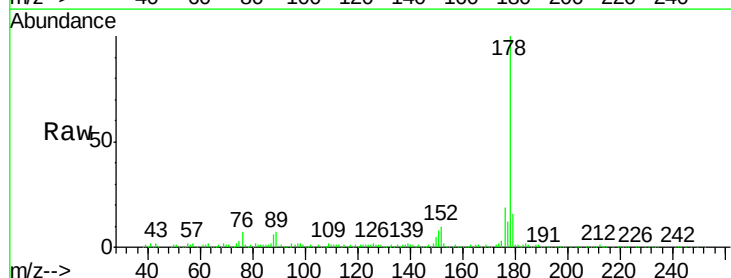
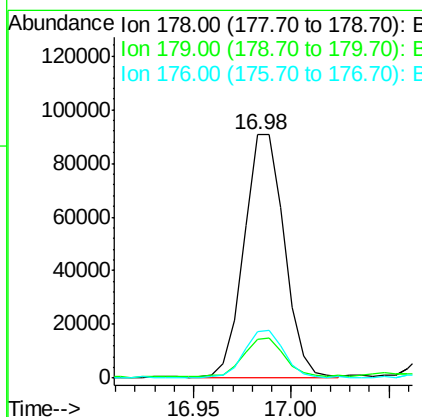
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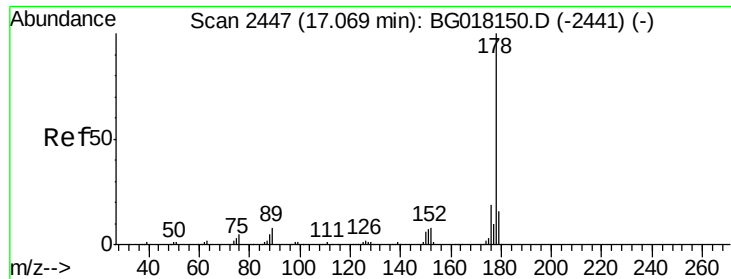
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#70
 Phenanthrene
 Concen: 9.45 ng/ul
 RT: 16.98 min Scan# 2433
 Delta R.T. 0.00 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	128651		
179	15.7	13.0	19.6	
176	19.0	15.8	23.8	





#72

Anthracene

Concen: 1.72 ng/ul m

RT: 17.08 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG018161.D

Acq: 28 Jul 2015 23:53

Instrument :

BNA_G

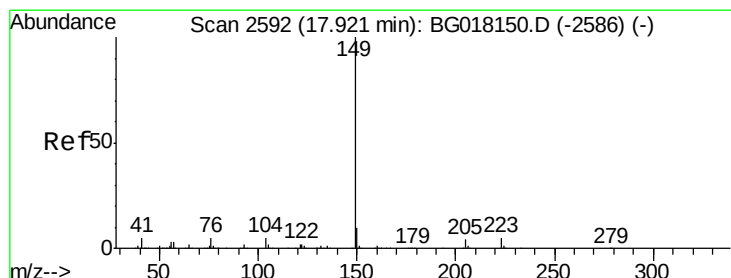
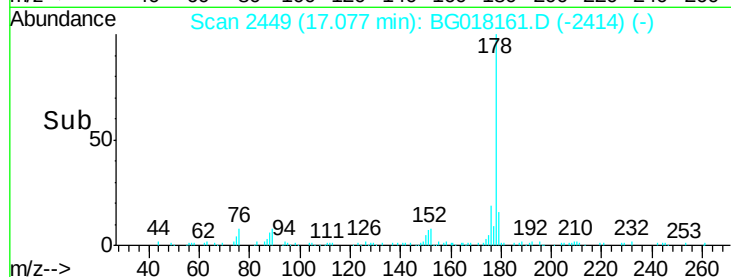
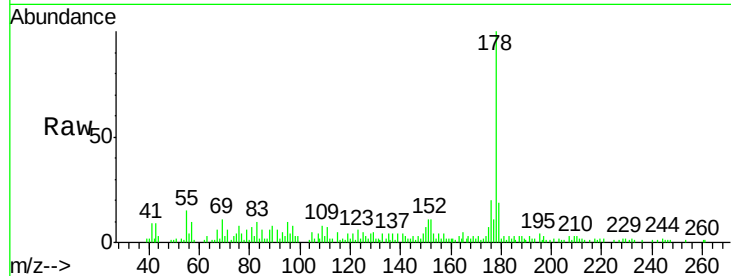
ClientSampleId :

C01S6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.4	18.6#
176	19.9	15.8	23.8

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#76

Di-n-butylphthalate

Concen: 2.03 ng/ul

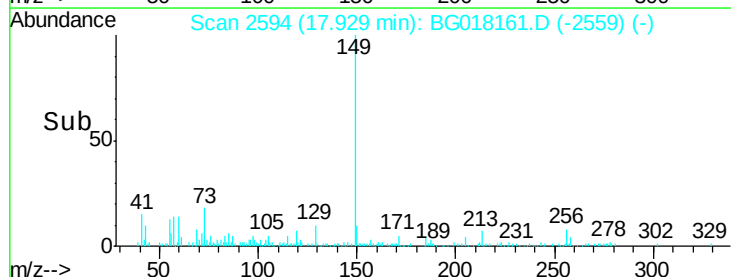
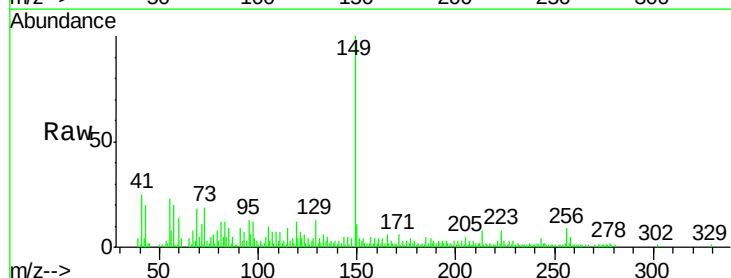
RT: 17.93 min Scan# 2594

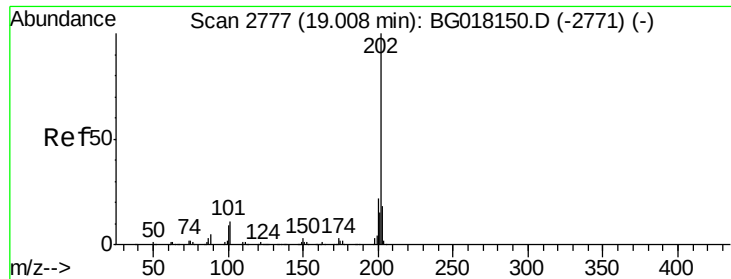
Delta R.T. 0.01 min

Lab File: BG018161.D

Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.4	11.0
104	4.6	3.8	5.8





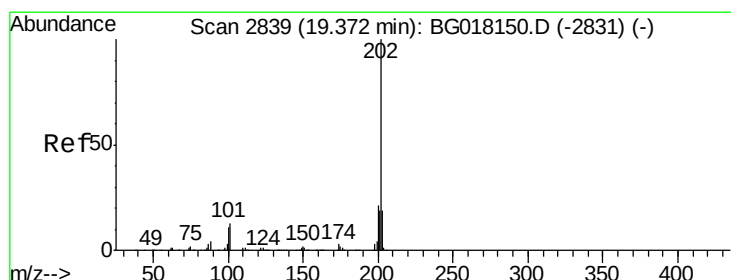
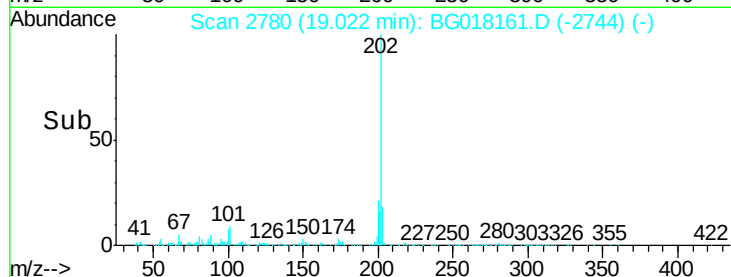
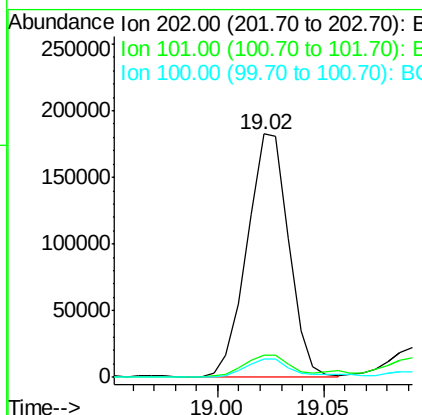
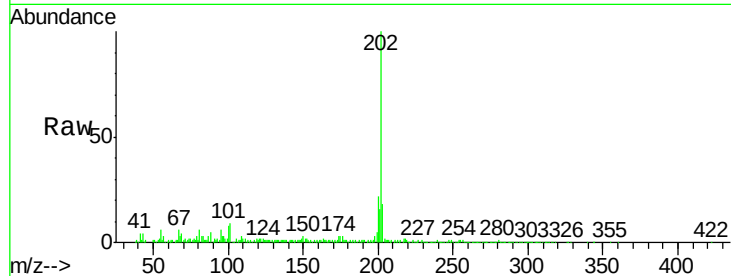
#77
 Fluoranthene
 Concen: 17.12 ng/ul
 RT: 19.02 min Scan# 2780
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	9.1	13.7
100	7.7	7.5	11.3

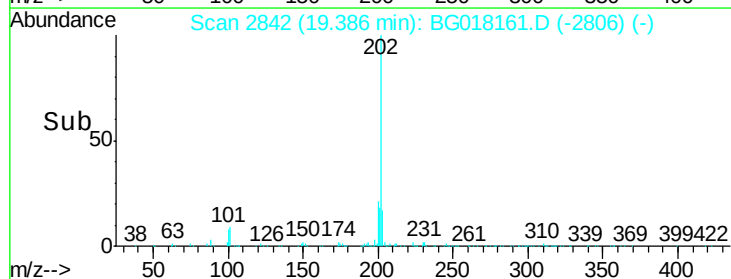
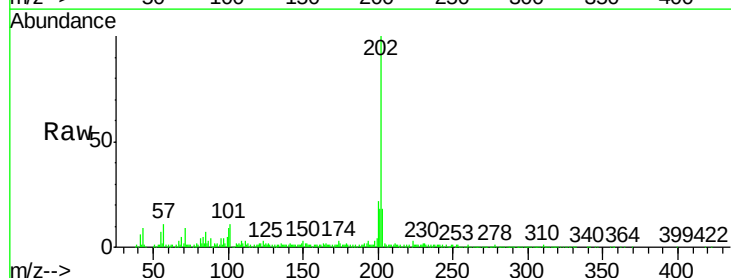
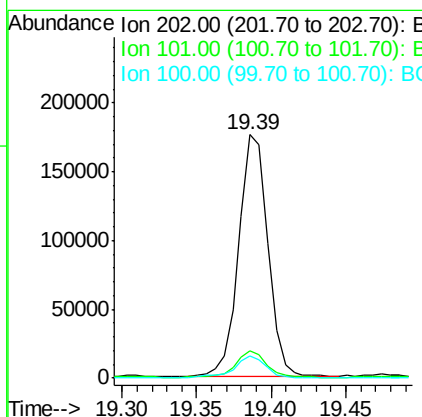
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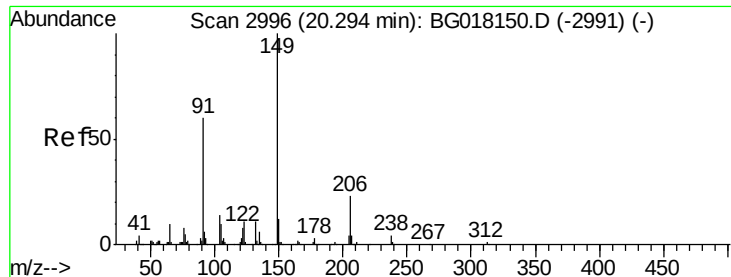
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#80
 Pyrene
 Concen: 13.66 ng/ul
 RT: 19.39 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	10.9	16.3
100	9.1	8.5	12.7





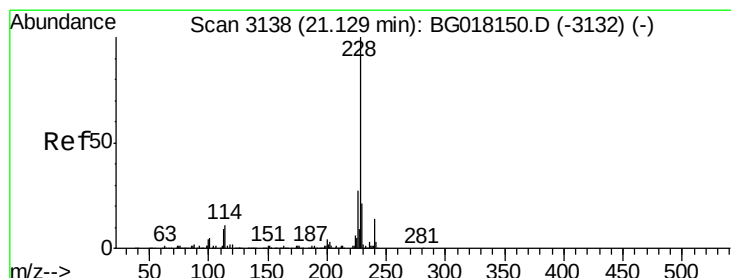
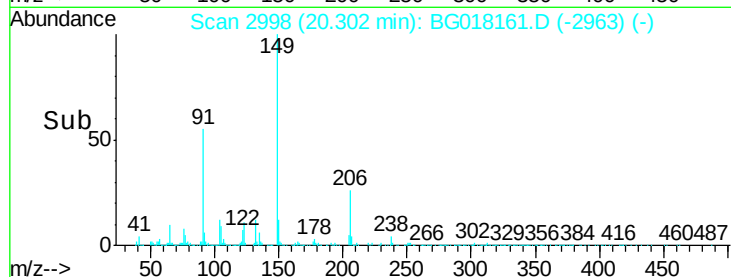
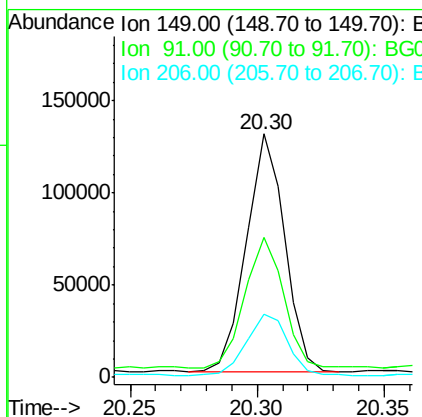
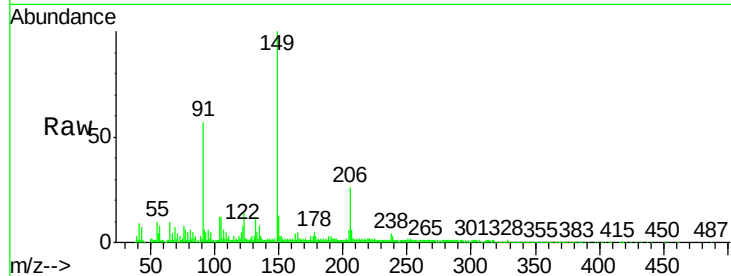
#81
Butylbenzylphthalate
Concen: 19.12 ng/ul
RT: 20.30 min Scan# 2998
Delta R.T. 0.01 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Instrument :
BNA_G
ClientSampleId :
C01S6

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	57.2	51.1	76.7
206	26.0	19.9	29.9

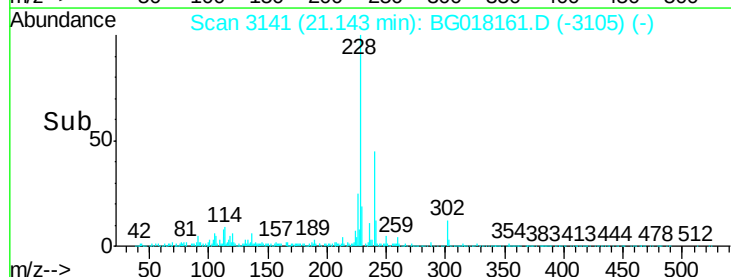
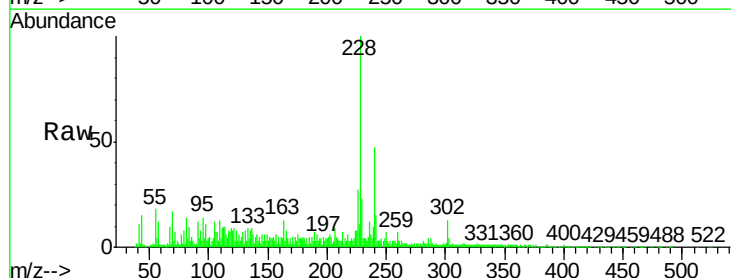
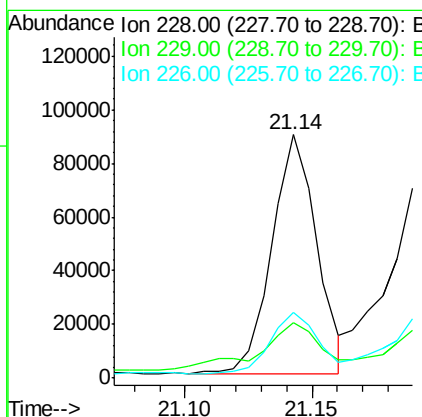
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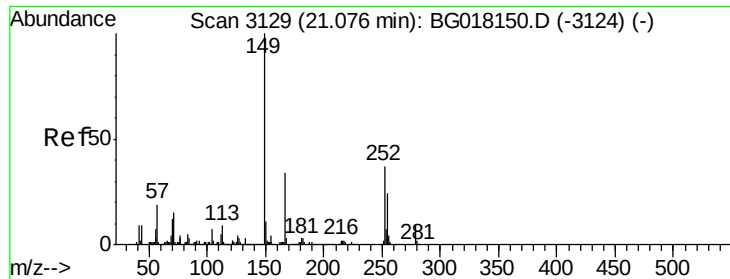
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#83
Benzo(a)anthracene
Concen: 6.75 ng/ul
RT: 21.14 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.0	16.6	24.8
226	26.9	21.1	31.7





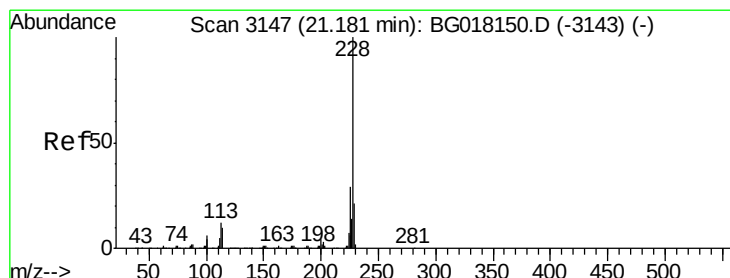
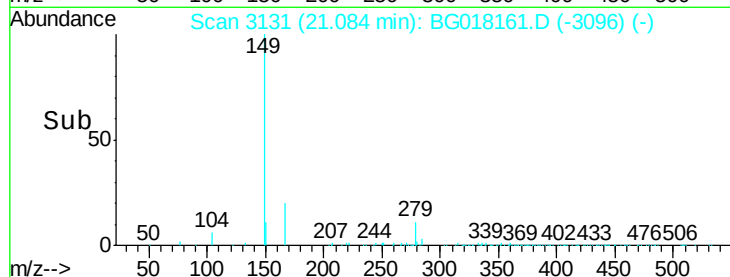
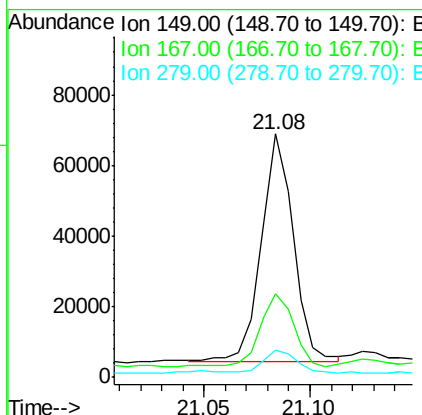
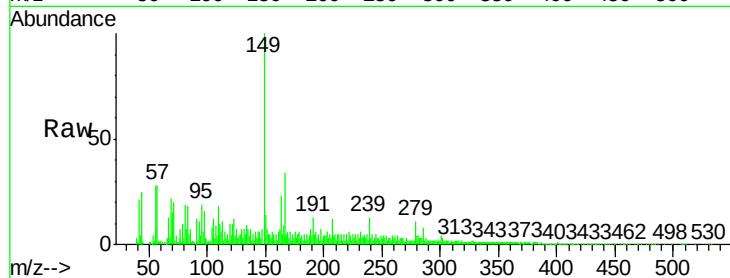
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.70 ng/ul
 RT: 21.08 min Scan# 3131
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.4	26.2	39.4
279	11.4	7.2	10.8

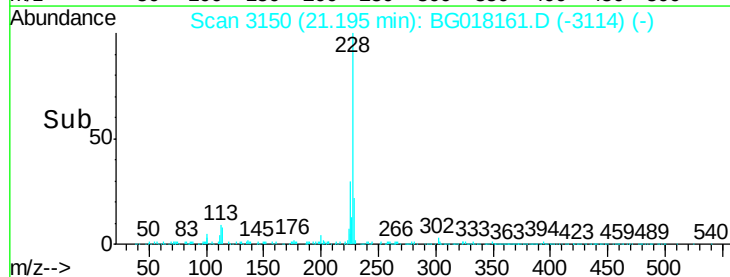
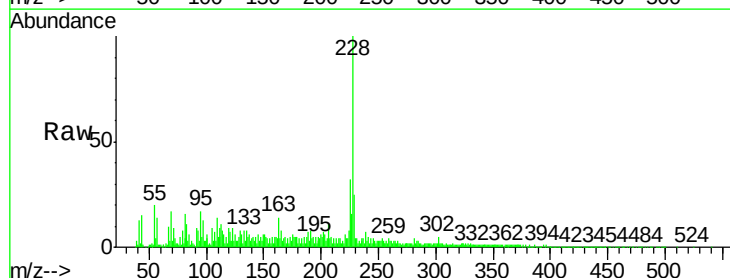
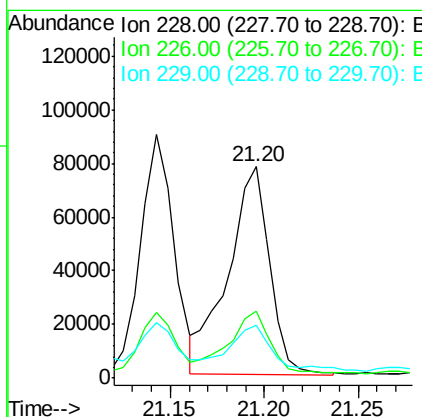
Manual Integrations
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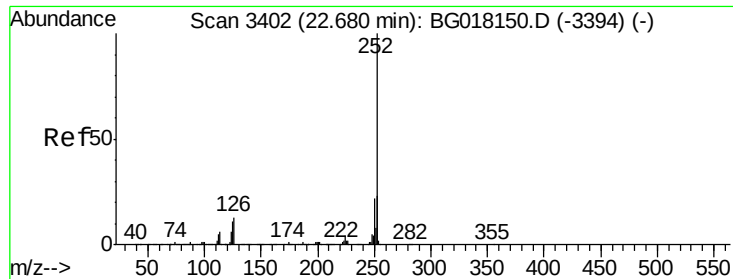
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#85
 Chrysene
 Concen: 7.89 ng/ul m
 RT: 21.20 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.9	34.3
229	24.9	15.6	23.4





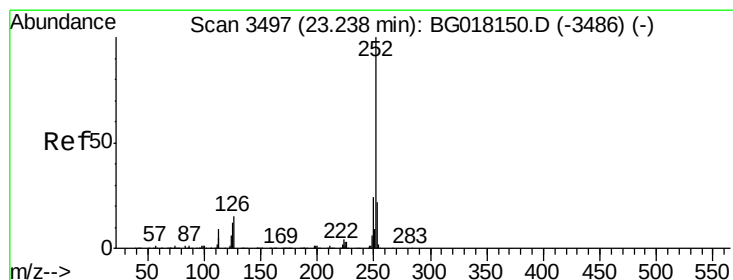
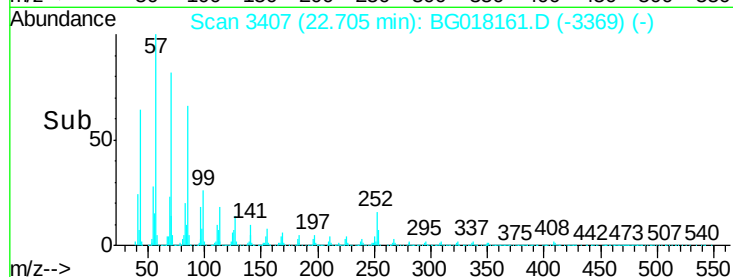
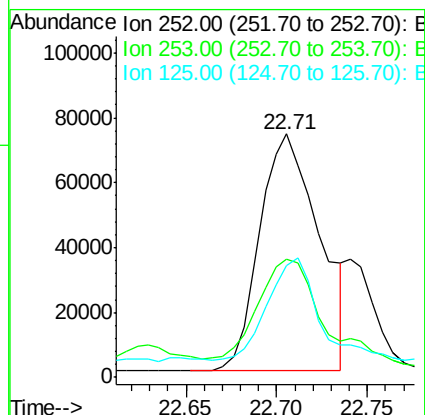
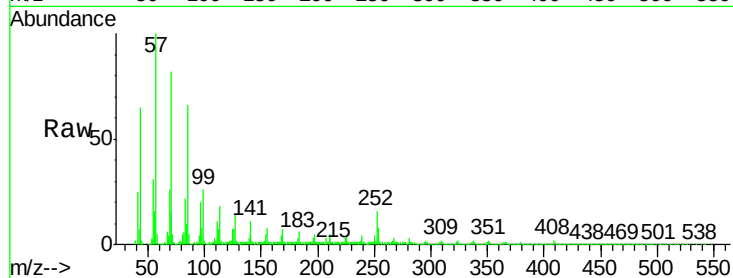
#88
Benzo(b)fluoranthene
Concen: 9.60 ng/ul
RT: 22.71 min Scan# 3407
Delta R.T. 0.03 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Instrument :
BNA_G
ClientSampleId :
C01S6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.4	18.5	27.7#
125	45.7	9.1	13.7#

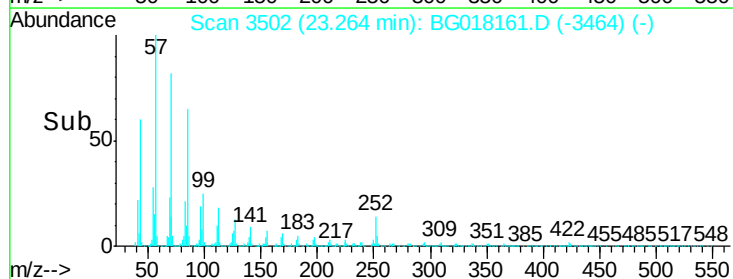
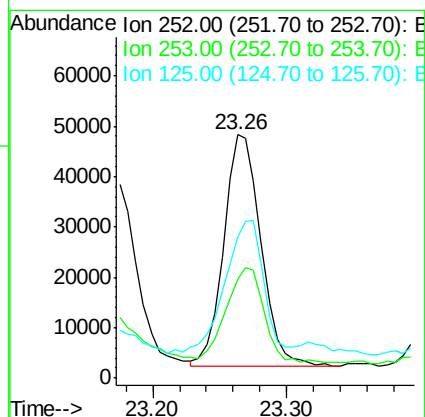
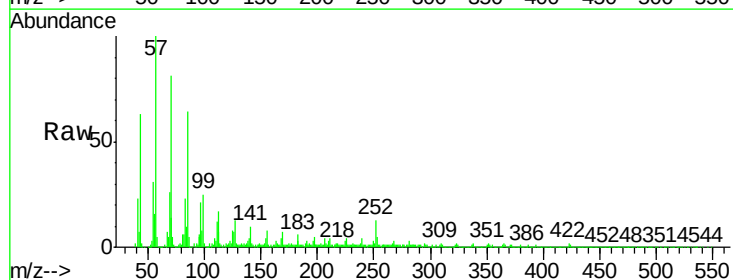
Manual Integrations
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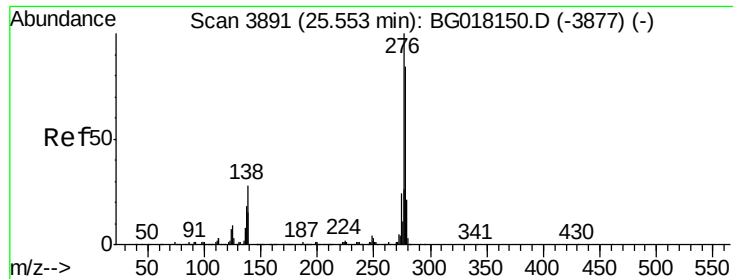
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#91
Benzo(a)pyrene
Concen: 5.30 ng/ul
RT: 23.26 min Scan# 3502
Delta R.T. 0.03 min
Lab File: BG018161.D
Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.9	18.0	27.0#
125	58.0	10.2	15.2#





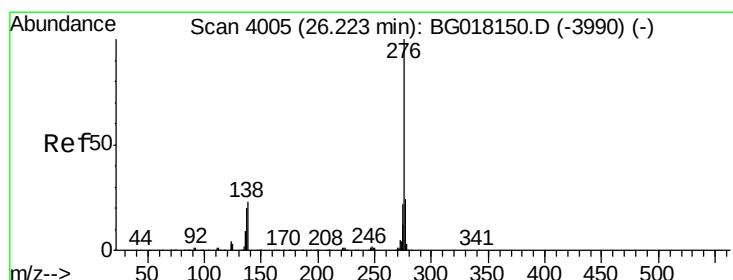
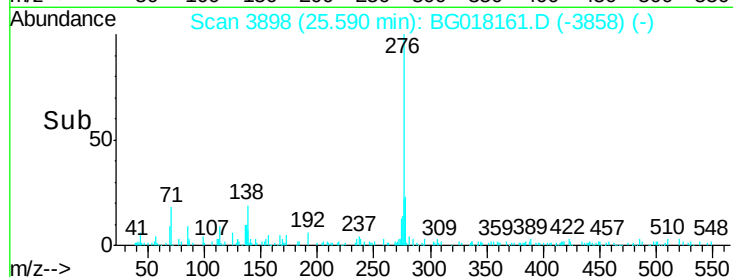
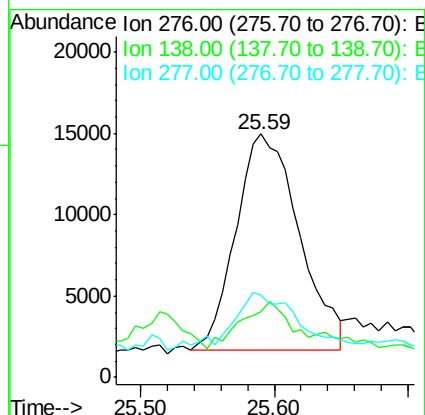
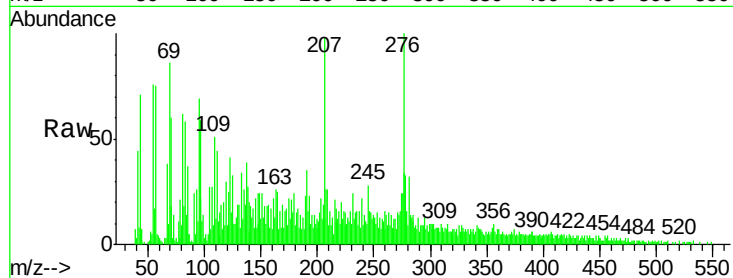
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.24 ng/ul
 RT: 25.59 min Scan# 3898
 Delta R.T. 0.04 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 C01S6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.6	33.8
277	34.0	19.8	29.8

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.24 ng/ul
 RT: 26.28 min Scan# 4015
 Delta R.T. 0.06 min
 Lab File: BG018161.D
 Acq: 28 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	18.8	28.2
277	32.6	19.3	28.9

