

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028357.D
 Acq On : 15 Aug 2017 23:59
 Operator : SJ/JU
 Sample : I4672-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Manual Integrations
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Sohil
 8/16/2017 6:40:14 PM

Quant Time: Aug 16 04:37:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	46524	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	211233	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	146323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	338137	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	376795	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	362145	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	4489	4.49	ng/uL	0.00
5) Phenol-d5	7.51	99	124049	24.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	76828	23.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	85591	26.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	91866	21.51	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	49016	29.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	56113	30.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	106479	28.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	95407	22.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	368985	28.35	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	429116	29.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	41588	20.10	ng/ul	0.00
57) Fluorene-d10	15.95	176	319161	27.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	54867	24.98	ng/ul	0.00
70) Anthracene-d10	17.81	188	484448	29.88	ng/ul	0.00
76) Pyrene-d10	20.09	212	582109	30.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	528793	31.19	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.54	94	6016	1.185	ng/ul#	78
28) Naphthalene	11.23	128	13811	1.320	ng/ul#	94
34) 2-Methylnaphthalene	12.81	142	11074	1.318	ng/ul	94
44) Dimethylphthalate	14.40	163	104835	8.749	ng/ul	99
53) Dibenzofuran	15.36	168	16118	1.168	ng/ul	90
58) Fluorene	16.01	166	12665	1.037	ng/ul	98
69) Phenanthrene	17.75	178	367823	21.615	ng/ul	99
71) Anthracene	17.85	178	36414	2.094	ng/ul	96
72) Carbazole	18.12	167	27328	1.807	ng/ul	96
74) Fluoranthene	19.75	202	571721	27.645	ng/ul	100
77) Pyrene	20.12	202	487779	21.698	ng/ul	99
80) Benzo(a)anthracene	22.03	228	223998	10.289	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	70135	5.856	ng/ul	98
82) Chrysene	22.10	228	254492	12.980	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	322461	14.880	ng/ul#	96
86) Benzo(k)fluoranthene	24.49	252	134563m	6.357	ng/ul	
88) Benzo(a)pyrene	25.40	252	222576	10.608	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	143279	5.831	ng/ul#	97
91) Benzo(g,h,i)perylene	30.86	276	115985	5.738	ng/ul#	93

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

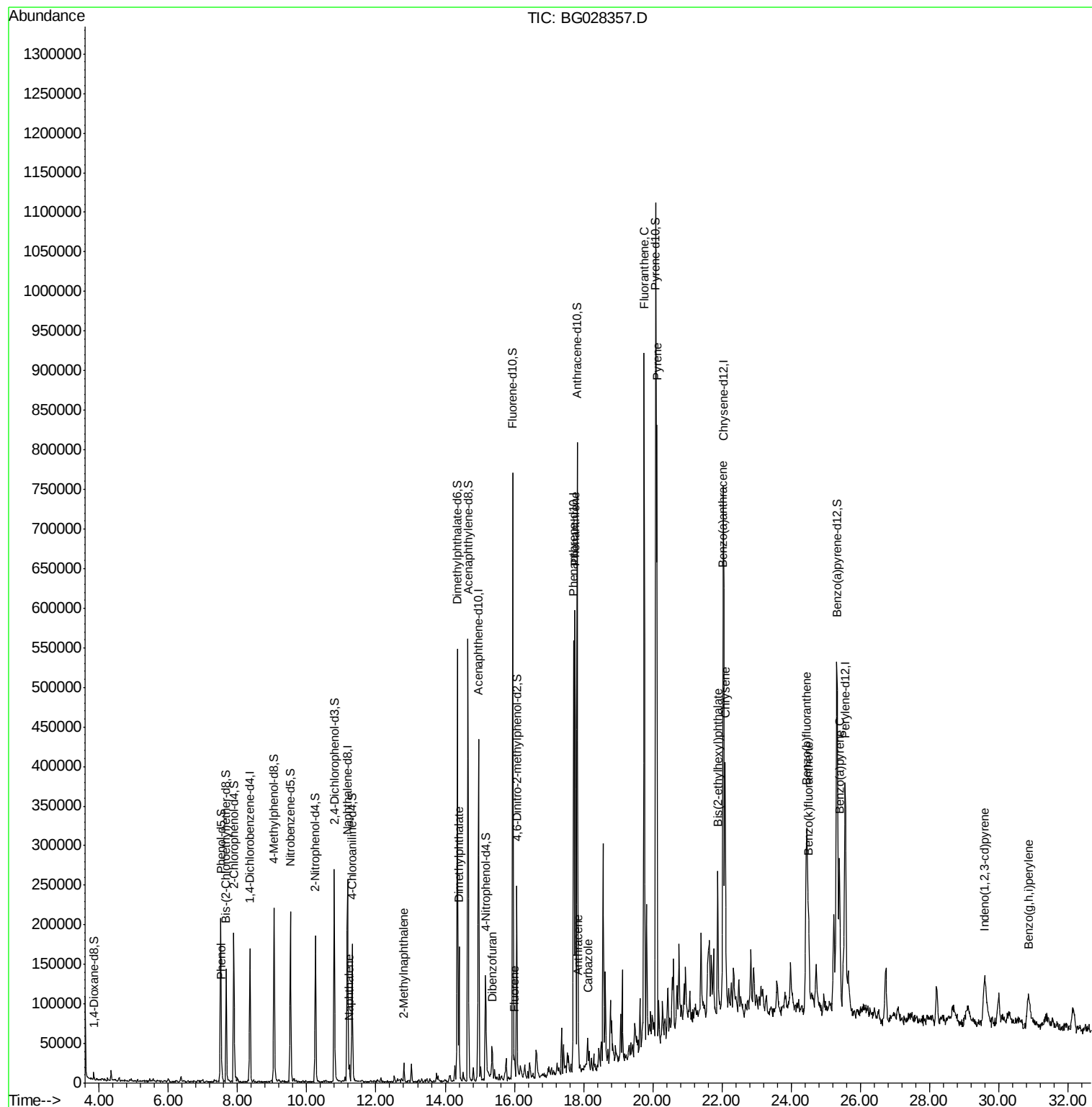
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028357.D
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ALS Vial : 19 Sample Multiplier: 1

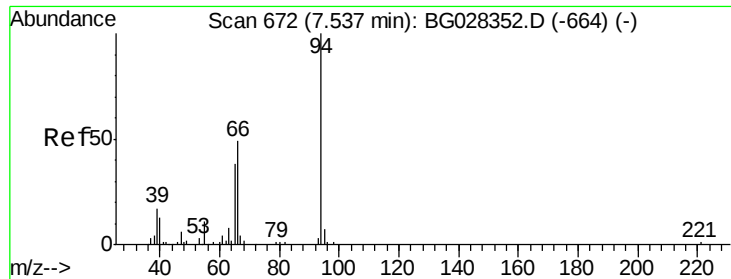
Instrument :
BNA_G
ClientSampled :
C0AG7

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Quant Time: Aug 16 04:37:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.185 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Instrument :

BNA_G

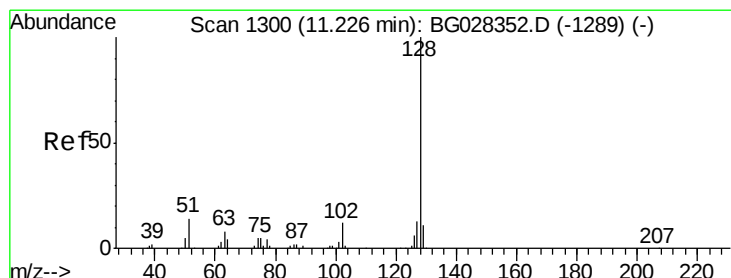
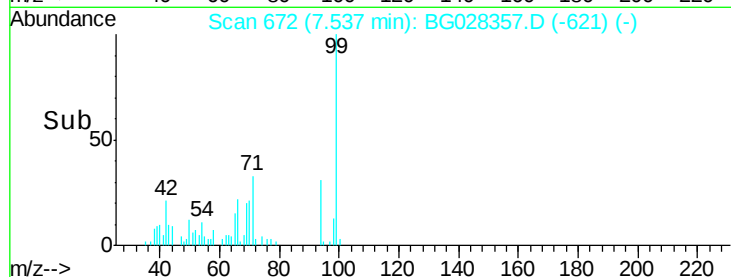
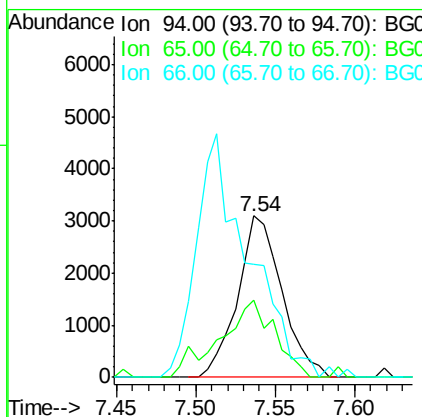
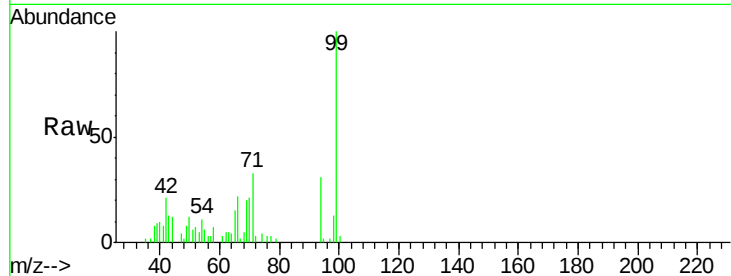
ClientSampled :

C0AG7

Tgt Ion:	94	Resp:	6016
Ion Ratio	Lower	Upper	
94	100		
65	47.8	26.8	40.2#
66	69.8	44.4	66.6#

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#28

Naphthalene

Concen: 1.320 ng/ul

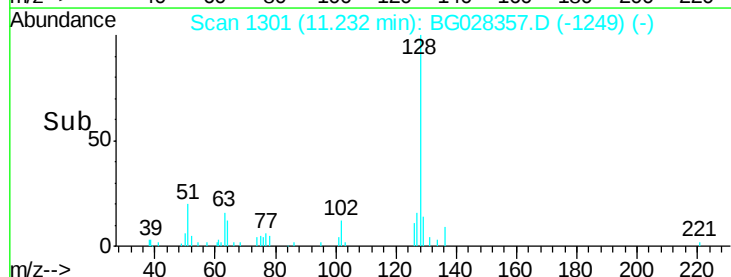
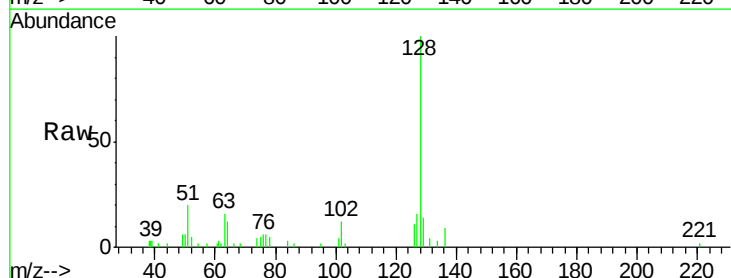
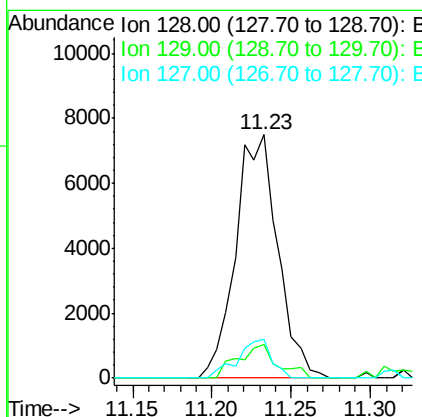
RT: 11.23 min Scan# 1301

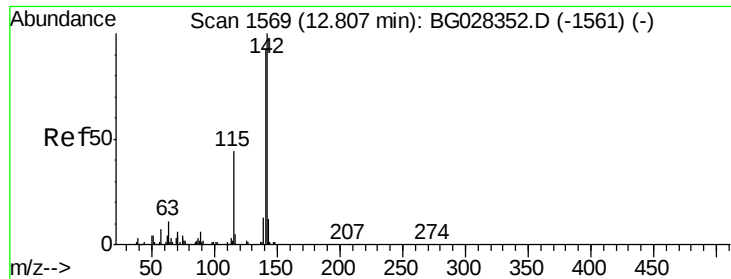
Delta R.T. 0.01 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Tgt Ion:	128	Resp:	13811
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.4	14.2
127	16.0	10.3	15.5#





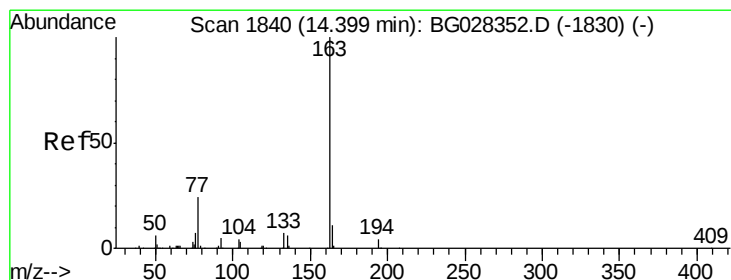
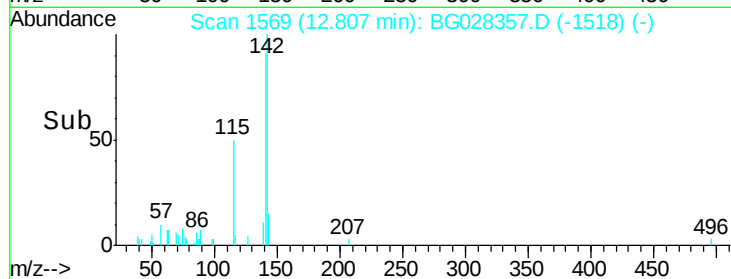
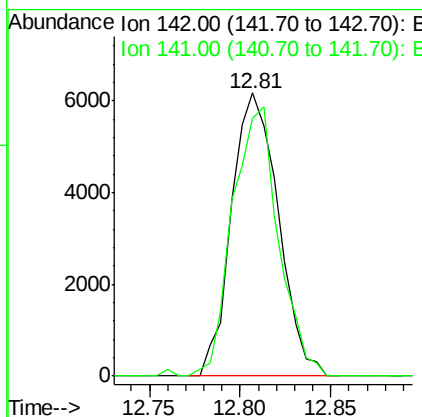
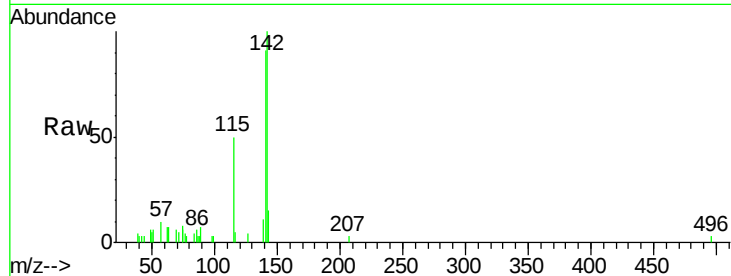
#34
 2-Methylnaphthalene
 Concen: 1.318 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	68.6	102.8

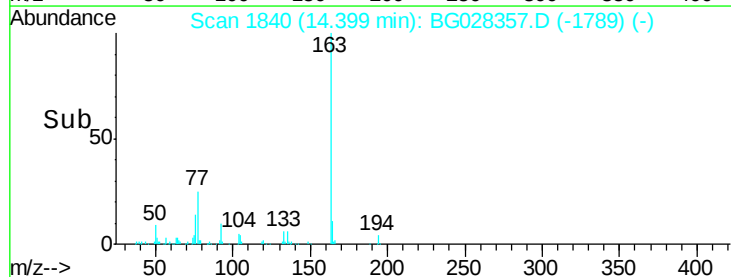
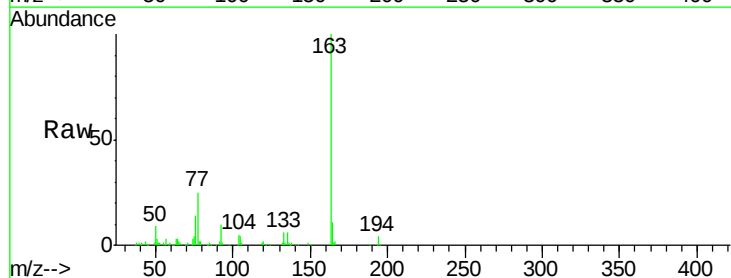
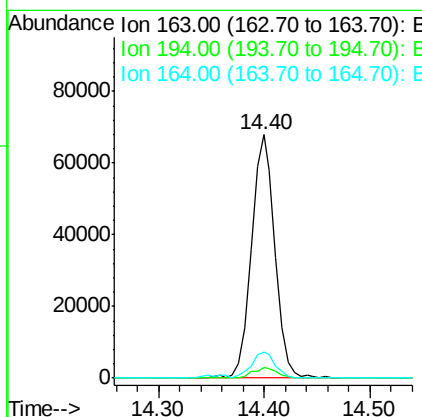
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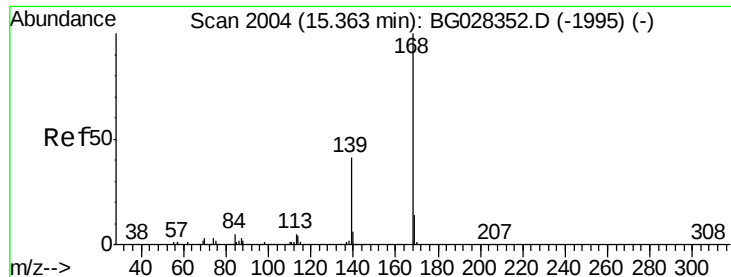
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#44
 Dimethylphthalate
 Concen: 8.749 ng/ul
 RT: 14.40 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.8	9.0	13.4





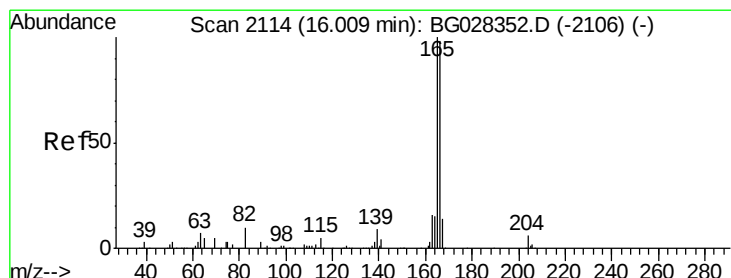
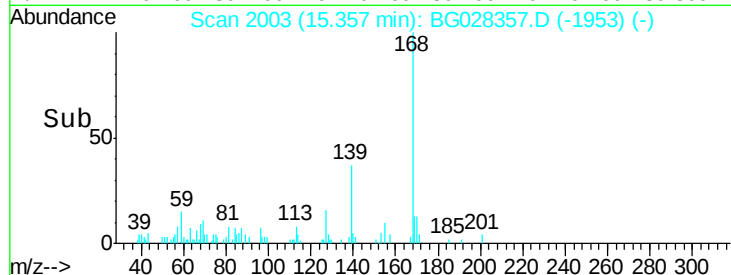
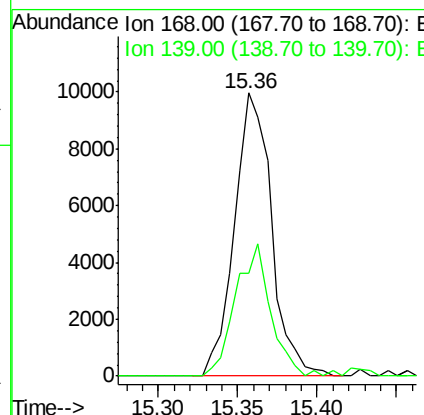
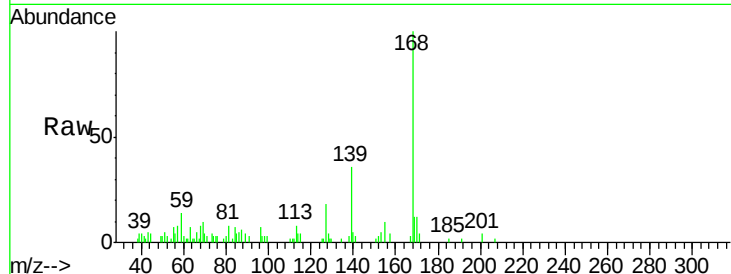
#53
Dibenzenofuran
Concen: 1.168 ng/ul
RT: 15.36 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG028357.D
Acq: 15 Aug 2017 23:59

Instrument :
BNA_G
ClientSampleId :
C0AG7

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	16118		
139	36.1	33.8	50.8	

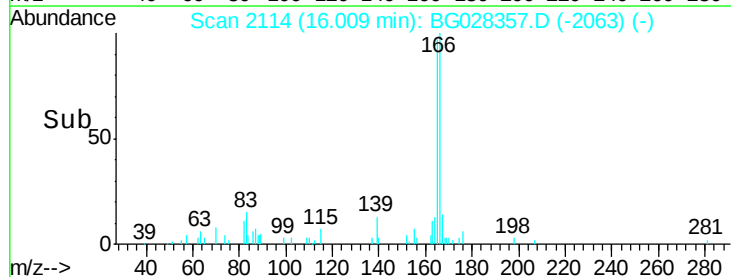
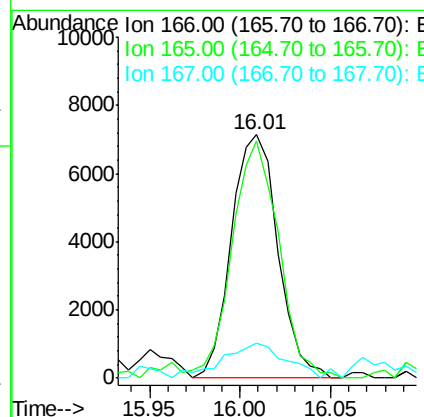
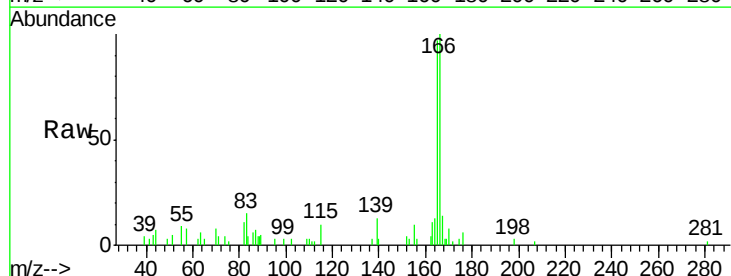
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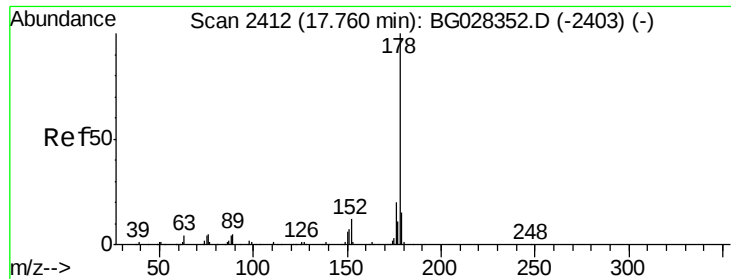
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#58
Fluorene
Concen: 1.037 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG028357.D
Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	12665		
165	97.2	79.7	119.5	
167	14.3	11.4	17.2	





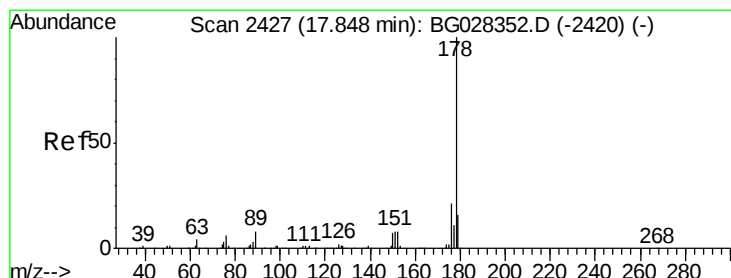
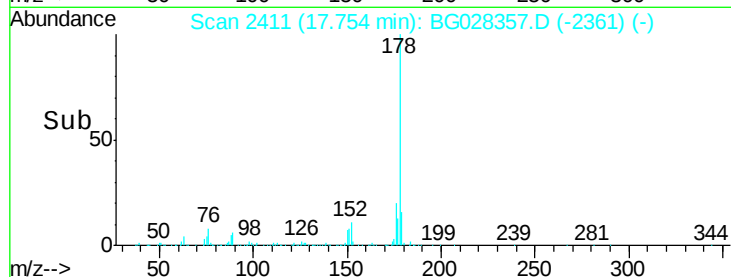
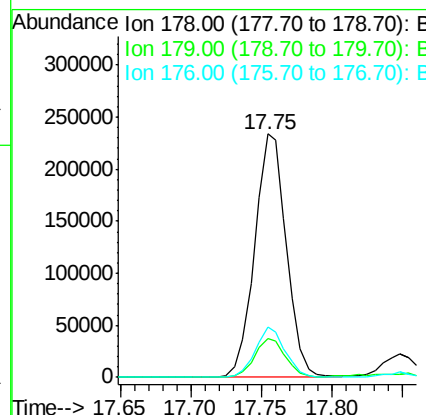
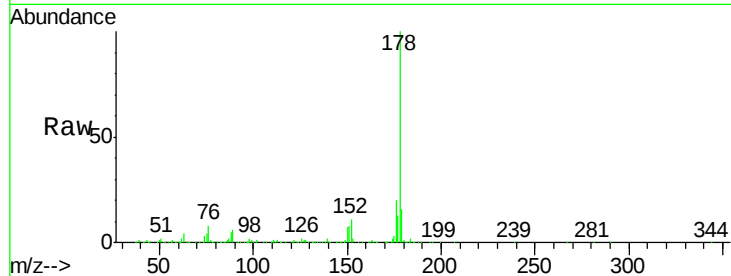
#69
Phenanthrene
Concen: 21.615 ng/ul
RT: 17.75 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG028357.D
Acq: 15 Aug 2017 23:59

Instrument :
BNA_G
ClientSampleId :
C0AG7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	20.5	16.5	24.7

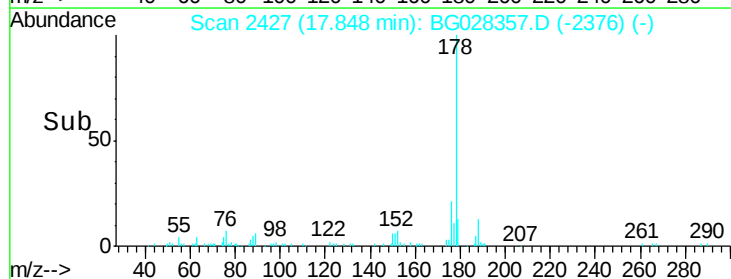
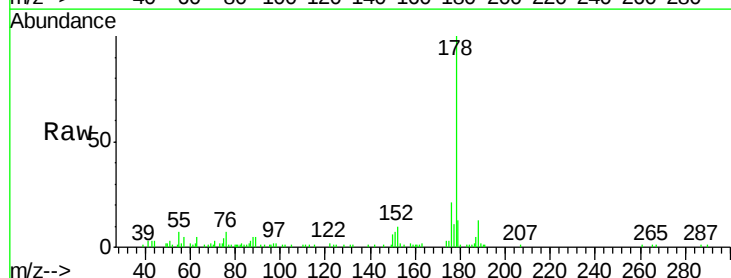
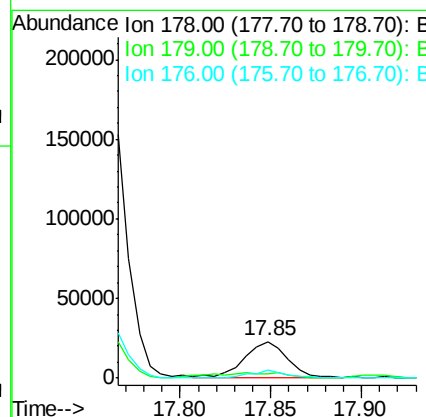
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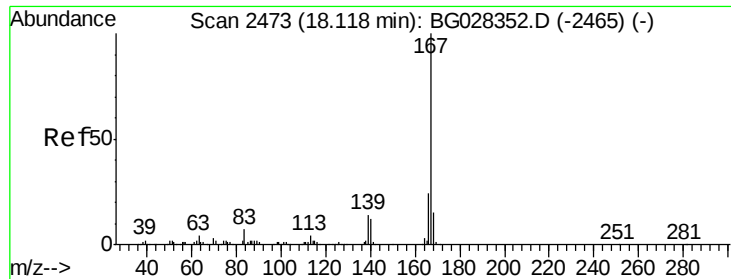
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#71
Anthracene
Concen: 2.094 ng/ul
RT: 17.85 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG028357.D
Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.6	19.0
176	21.0	15.9	23.9





#72

Carbazole

Concen: 1.807 ng/ul

RT: 18.12 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Instrument :

BNA_G

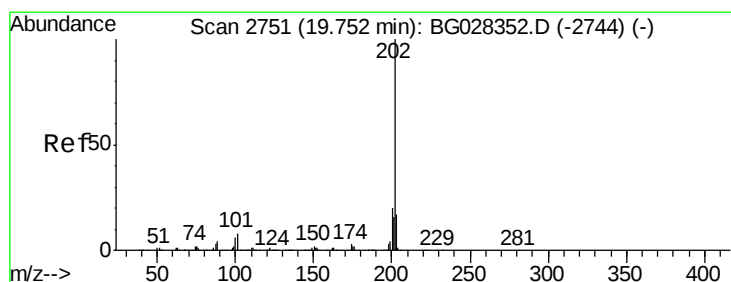
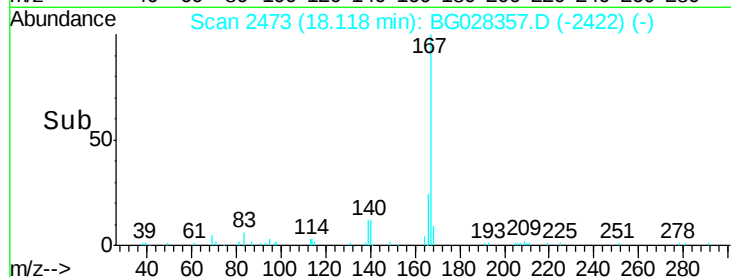
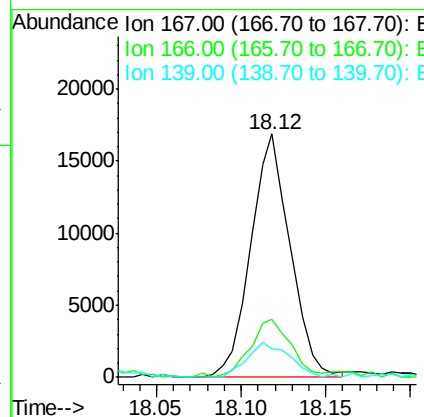
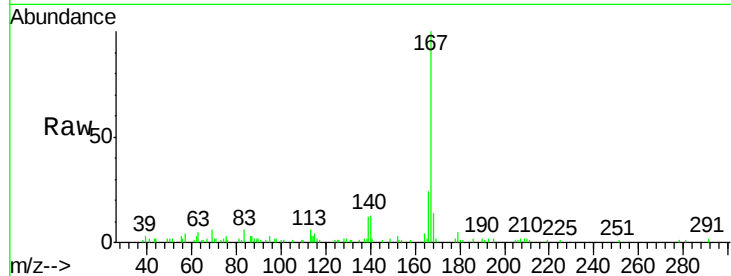
ClientSampleId :

C0AG7

Tgt Ion:	167	Resp:	27328
Ion Ratio		Lower	Upper
167	100		
166	24.1	17.9	26.9
139	11.6	10.5	15.7

Manual Integrations
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#74

Fluoranthene

Concen: 27.645 ng/ul

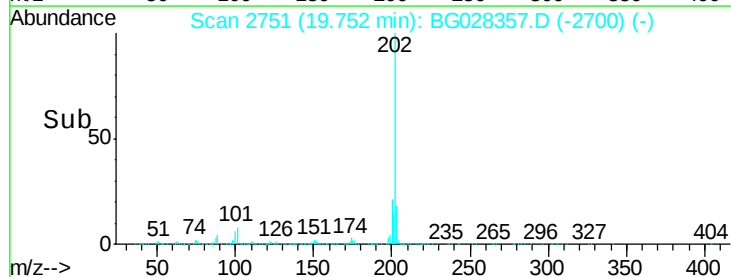
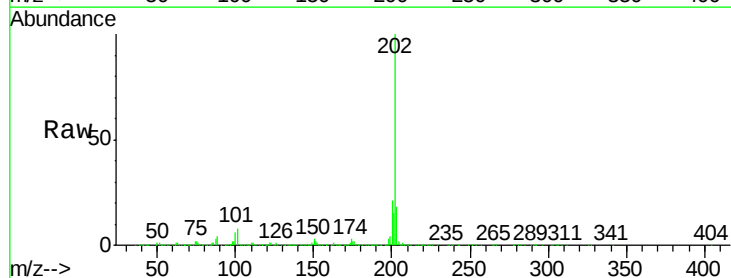
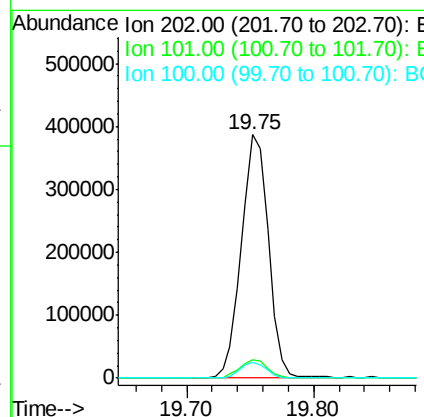
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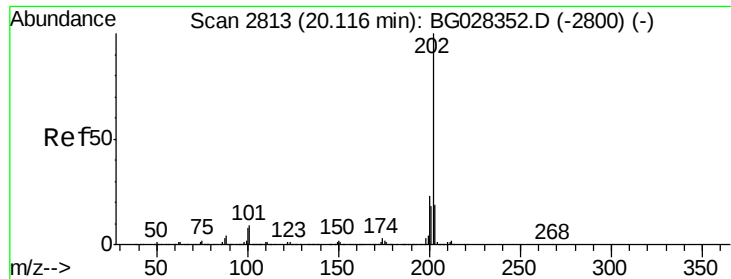
Delta R.T. 0.00 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Tgt Ion:	202	Resp:	571721
Ion Ratio		Lower	Upper
202	100		
101	7.7	6.2	9.2
100	6.2	5.2	7.8





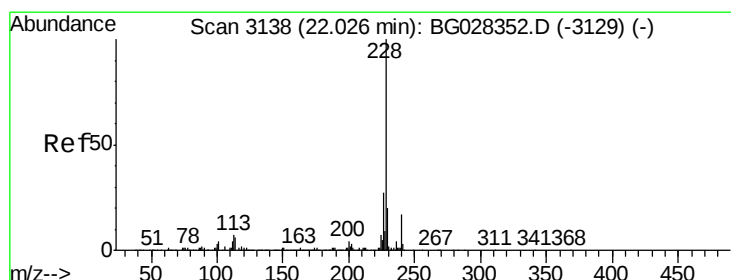
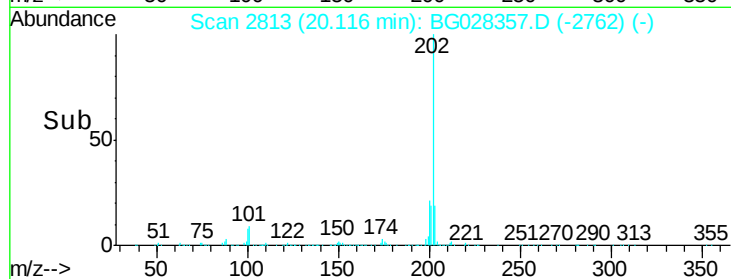
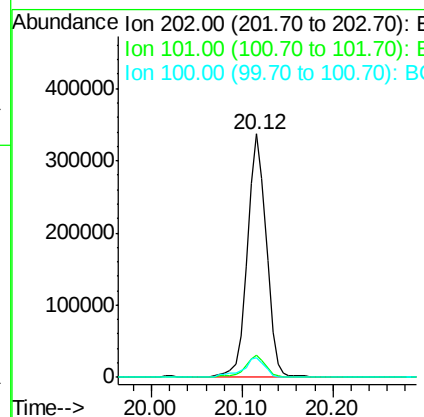
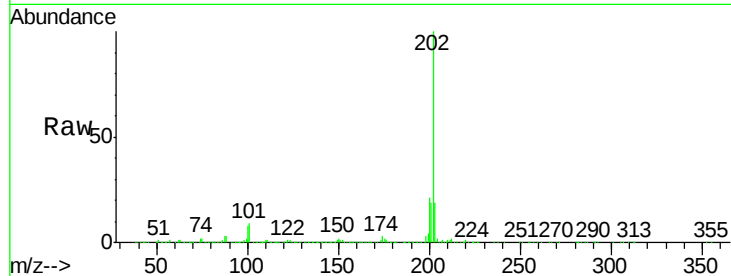
#77
 Pyrene
 Concen: 21.698 ng/ul
 RT: 20.12 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	487779		
101	8.9		6.9	10.3
100	8.2		6.6	10.0

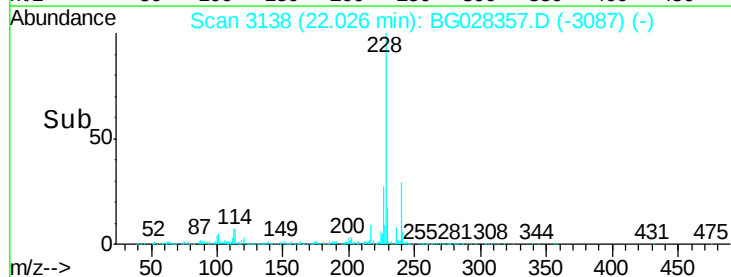
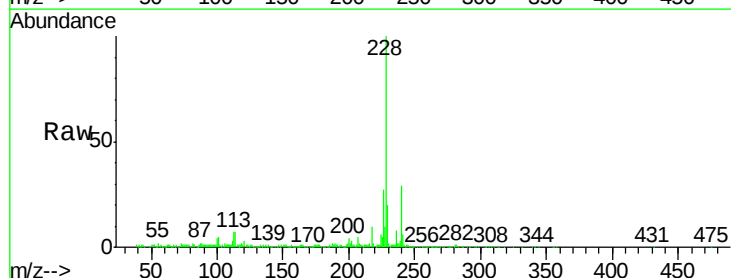
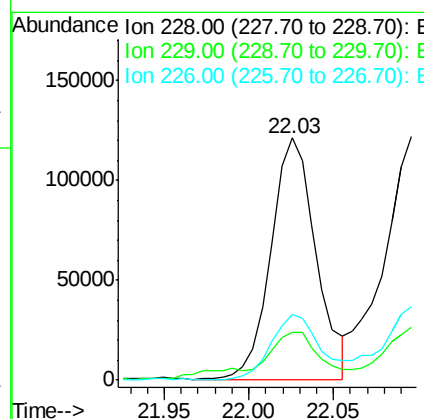
Manual Integrations
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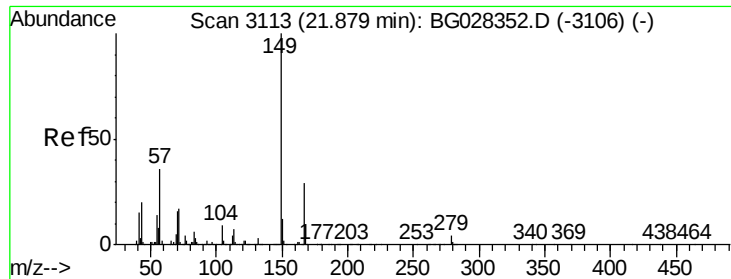
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#80
 Benzo(a)anthracene
 Concen: 10.289 ng/ul
 RT: 22.03 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	223998		
229	19.6		16.3	24.5
226	27.3		21.9	32.9





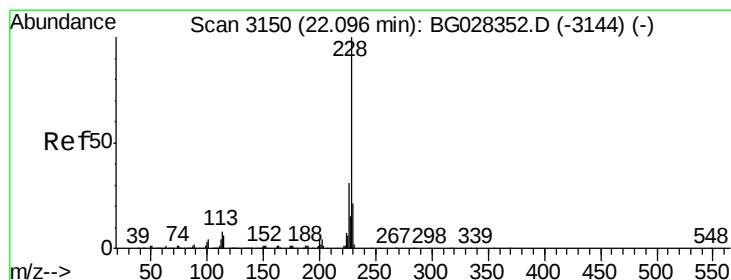
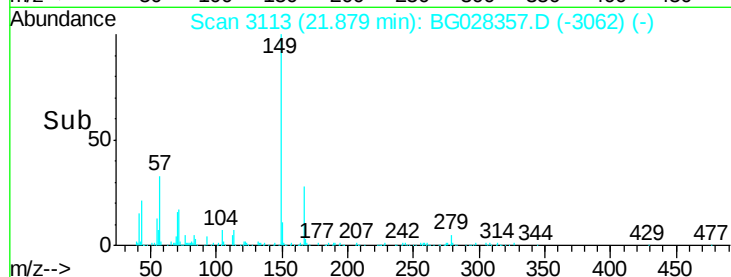
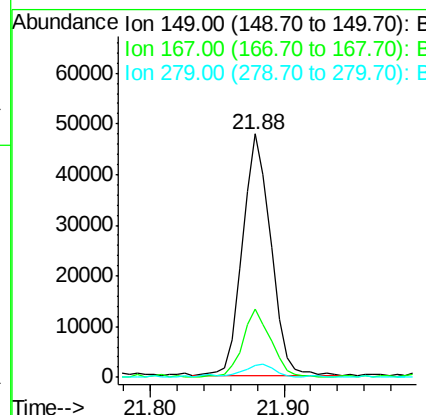
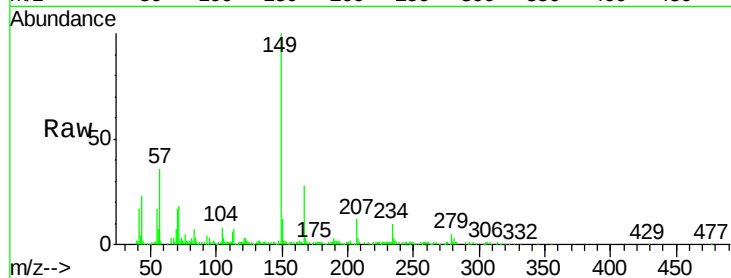
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 5.856 ng/ul
 RT: 21.88 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.1	21.8	32.8
279	5.1	4.5	6.7

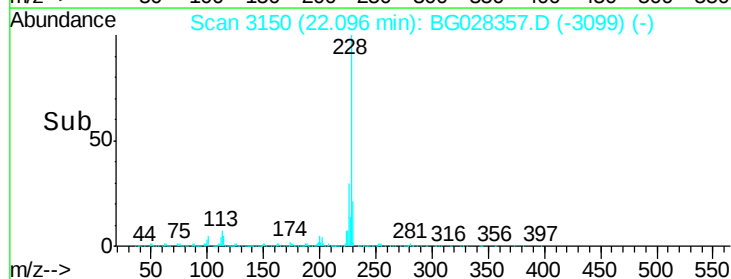
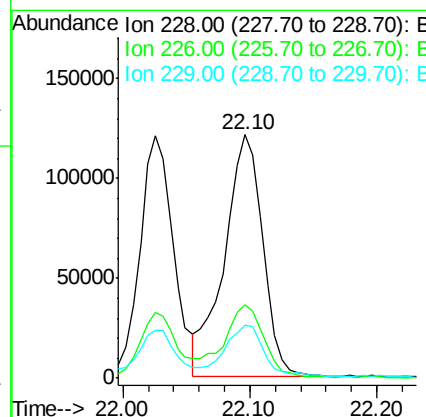
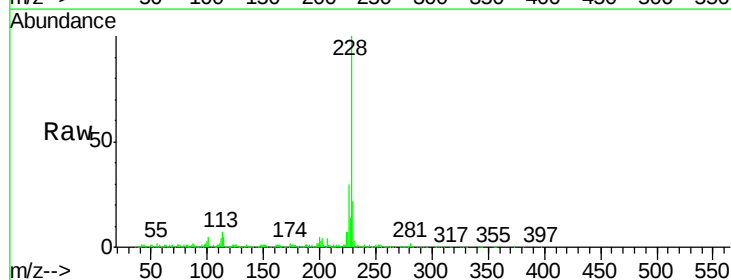
Manual Integrations
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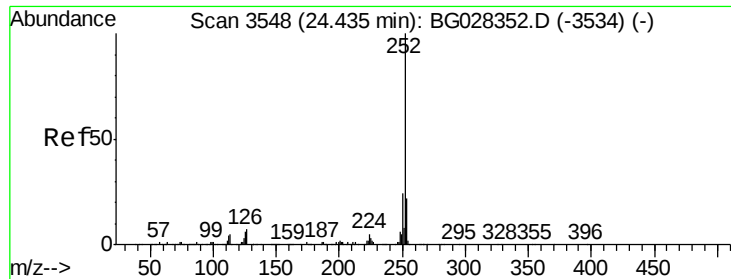
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#82
 Chrysene
 Concen: 12.980 ng/ul
 RT: 22.10 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.0	36.0
229	21.5	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 14.880 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Instrument :

BNA_G

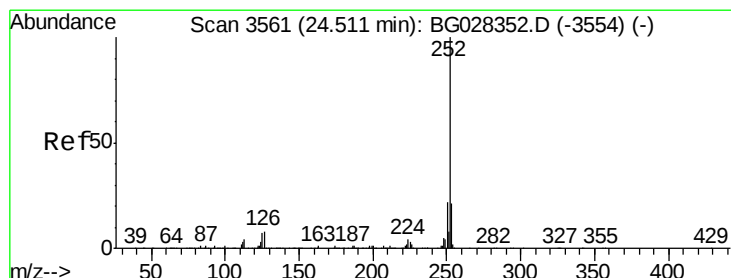
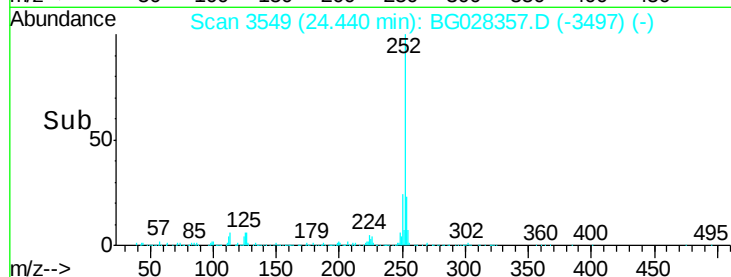
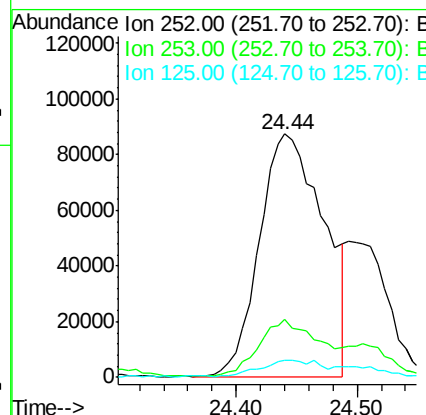
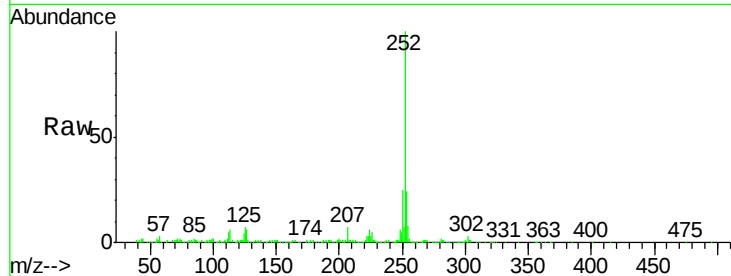
ClientSampled :

C0AG7

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	24.1	17.7	26.5	
125	6.9	4.0	6.0	

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#86

Benzo(k)fluoranthene

Concen: 6.357 ng/ul m

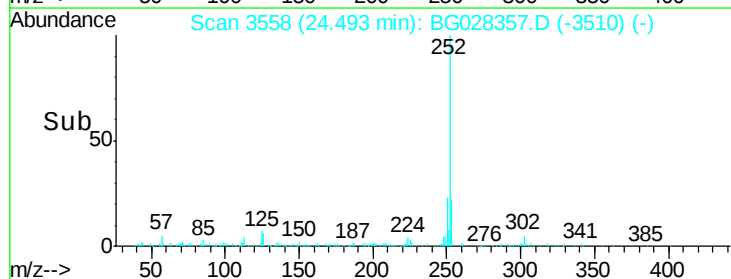
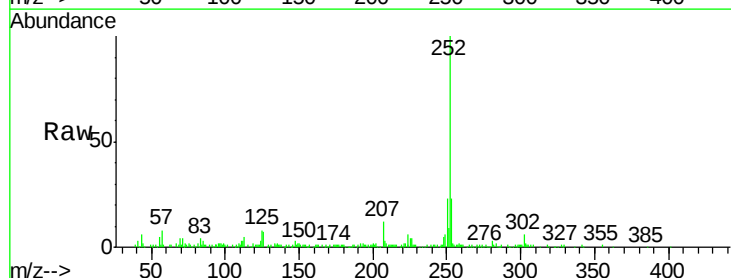
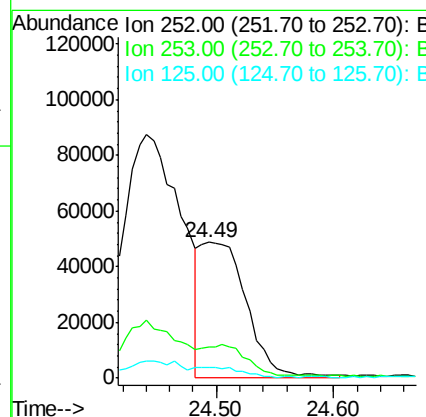
RT: 24.49 min Scan# 3558

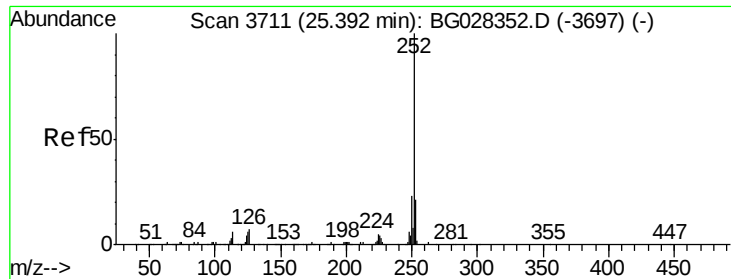
Delta R.T. -0.02 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	23.0	18.5	27.7	
125	7.8	4.1	6.1	





#88

Benzo(a)pyrene

Concen: 10.608 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. 0.01 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Instrument :

BNA_G

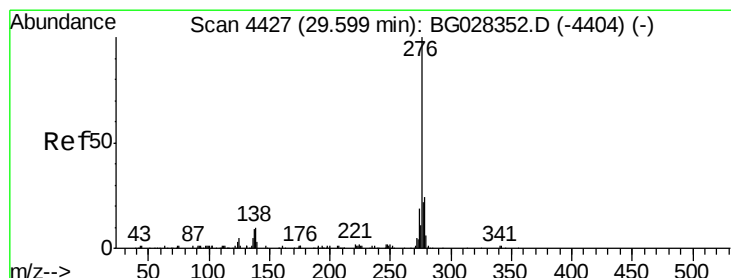
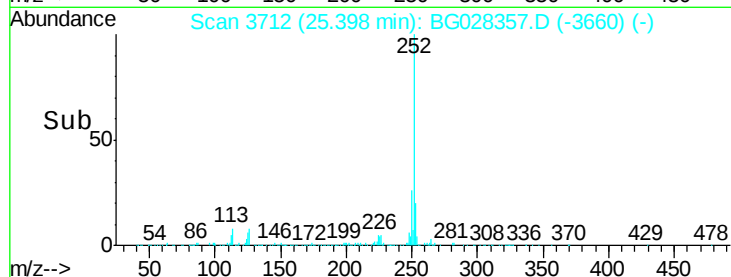
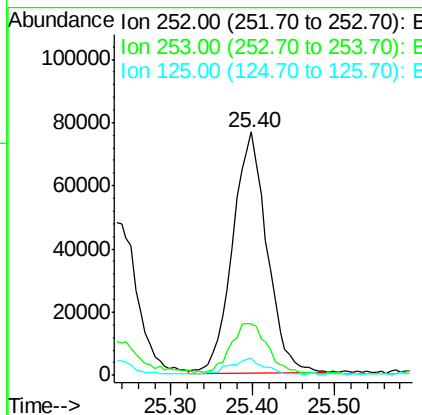
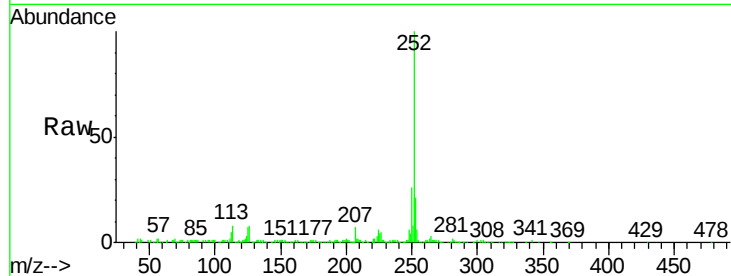
ClientSampleId :

C0AG7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	222576		
253	21.2		17.8	26.6
125	7.2		5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.831 ng/ul

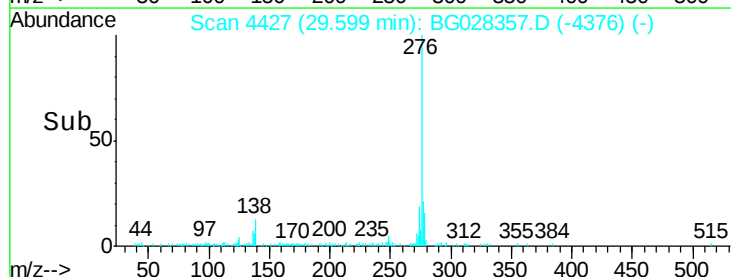
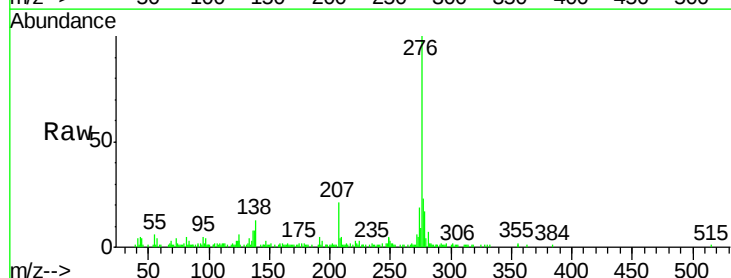
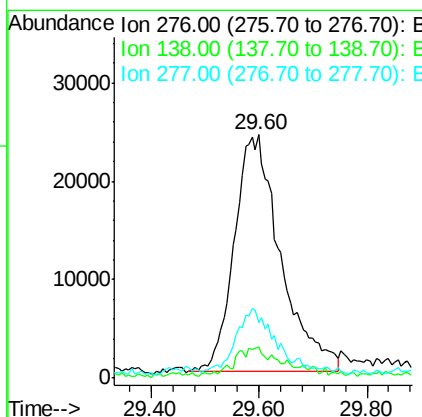
RT: 29.60 min Scan# 4427

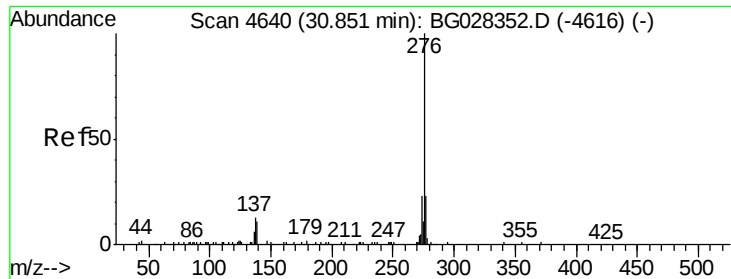
Delta R.T. -0.00 min

Lab File: BG028357.D

Acq: 15 Aug 2017 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	143279		
138	12.7		8.2	12.4#
277	22.8		18.6	28.0





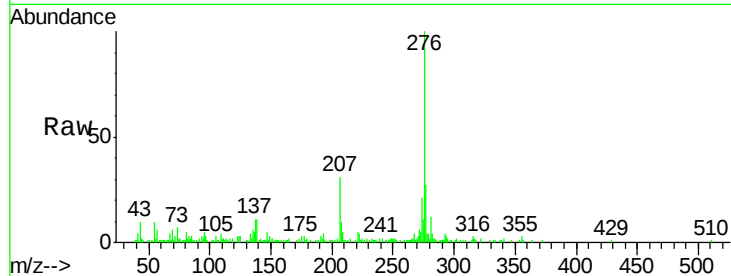
#91
 Benzo(g,h,i)perylene
 Concen: 5.738 ng/ul
 RT: 30.86 min Scan# 4642
 Delta R.T. 0.01 min
 Lab File: BG028357.D
 Acq: 15 Aug 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	10.7	8.6	12.8
277	26.9	17.6	26.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

