

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082501.D
 Acq On : 25 Aug 2017 21:41
 Operator : SJ/JU
 Sample : I4885-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AT6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:52 PM

Quant Time: Aug 26 02:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38186	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	161287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	260069	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	317682	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	307881m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4083	4.98	ng/uL	0.00
5) Phenol-d5	7.49	99	114389	27.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	69878	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	82465	31.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	94966	27.09	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	44178	35.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	52091	37.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	101301	35.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	58257	18.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	341201	34.83	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	394514	35.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	46295	29.72	ng/ul	0.00
57) Fluorene-d10	15.94	176	286507	32.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43037	25.47	ng/ul	0.00
70) Anthracene-d10	17.80	188	467950	37.52	ng/ul	0.00
76) Pyrene-d10	20.08	212	558276	34.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	539105m	37.40	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.52	94	8325	1.997	ng/ul#	81
28) Naphthalene	11.21	128	11612	1.454	ng/ul#	93
34) 2-Methylnaphthalene	12.79	142	9524	1.484	ng/ul	99
44) Dimethylphthalate	14.38	163	199905	22.164	ng/ul	98
47) Acenaphthylene	14.68	152	32254	3.056	ng/ul#	92
49) Acenaphthene	15.01	153	13321	1.871	ng/ul#	86
53) Dibenzofuran	15.34	168	10684	1.029	ng/ul	90
58) Fluorene	15.99	166	22721	2.472	ng/ul#	95
69) Phenanthrene	17.75	178	574925	43.927	ng/ul	99
71) Anthracene	17.84	178	87415	6.535	ng/ul	99
72) Carbazole	18.10	167	24514	2.107	ng/ul	95
74) Fluoranthene	19.74	202	1021419	64.216	ng/ul	99
77) Pyrene	20.11	202	1408472	74.313	ng/ul	98
80) Benzo(a)anthracene	22.02	228	777922	42.381	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	15254	1.511	ng/ul#	90
82) Chrysene	22.09	228	826945	50.024	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	829392m	45.017	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	279199m	15.514	ng/ul	
88) Benzo(a)pyrene	25.40	252	757977m	42.491	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.58	276	385792m	18.468	ng/ul	
90) Dibenzo(a,h)anthracene	29.63	278	112365m	6.418	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	302480m	17.601	ng/ul	

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028501.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 26 02:55:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

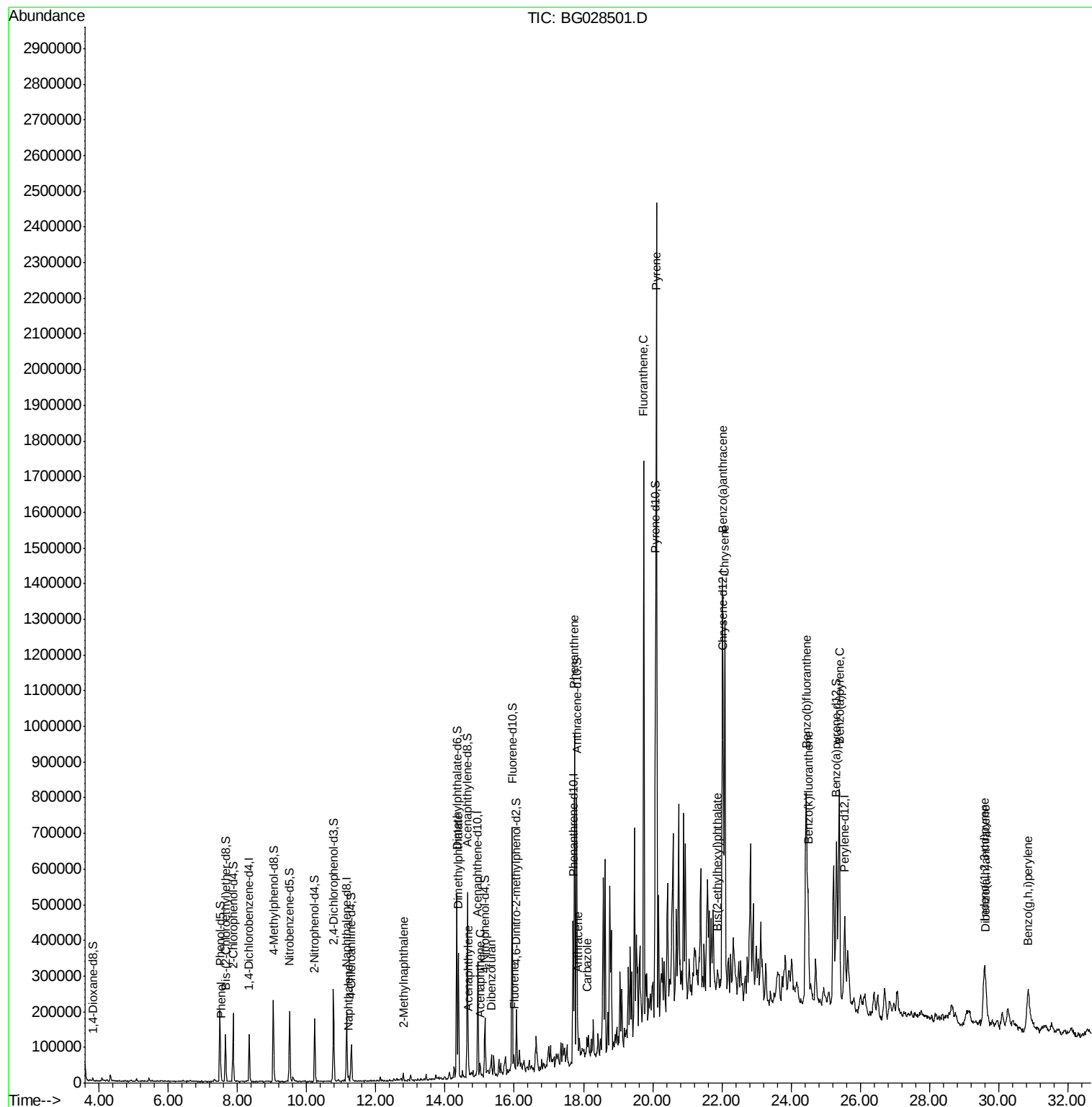
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028501.D
Acq On : 25 Aug 2017 21:41
Operator : SJ/JU
Sample : I4885-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

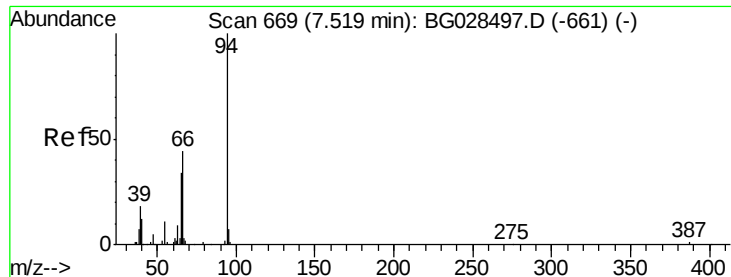
Instrument :
BNA_G
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B0AT6

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.997 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

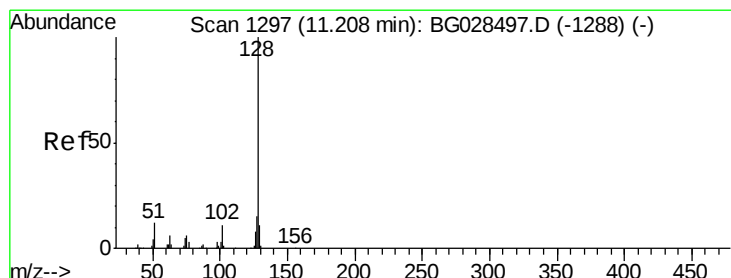
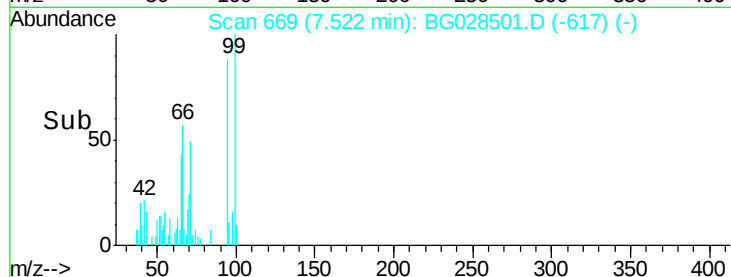
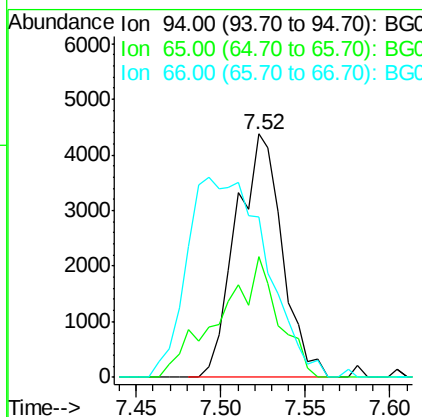
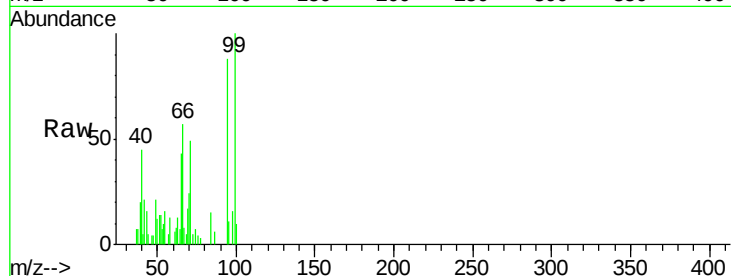
ClientSampled :

B0AT6

Tgt Ion:	94	Resp:	8325
Ion Ratio	Lower	Upper	
94	100		
65	49.4	26.8	40.2#
66	65.6	44.4	66.6

Manual Integrations
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#28

Naphthalene

Concen: 1.454 ng/ul

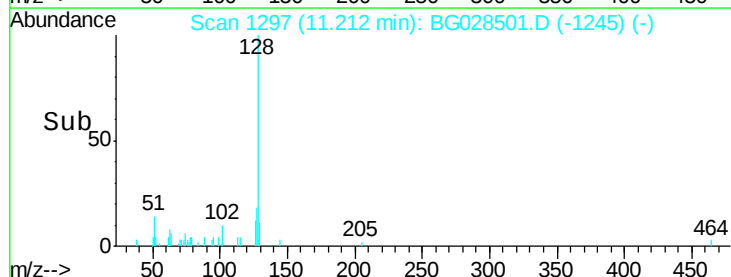
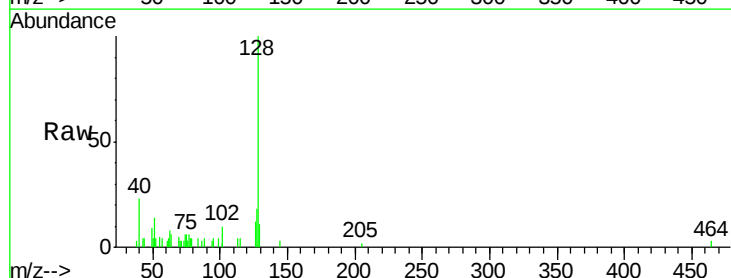
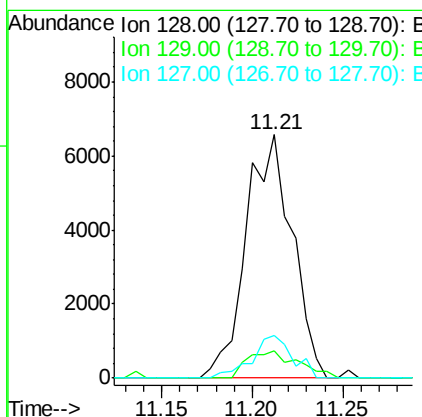
RT: 11.21 min Scan# 1297

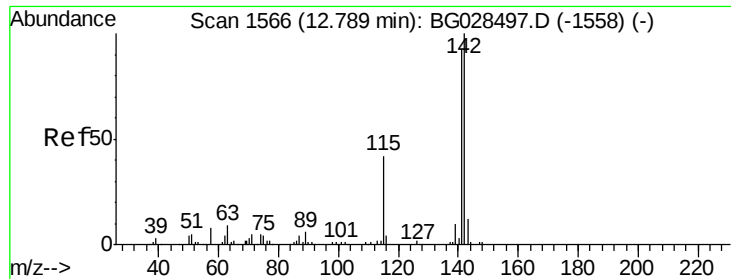
Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	128	Resp:	11612
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	17.7	10.3	15.5#





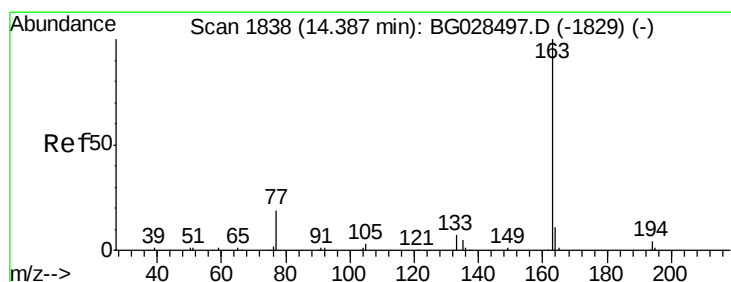
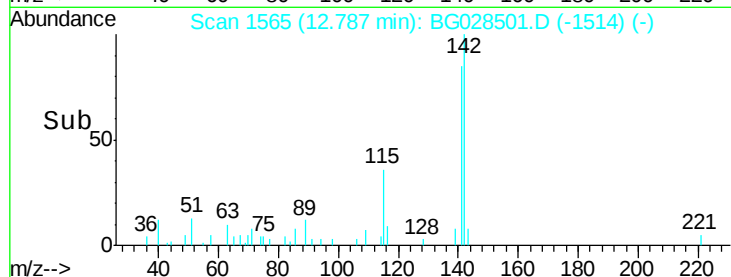
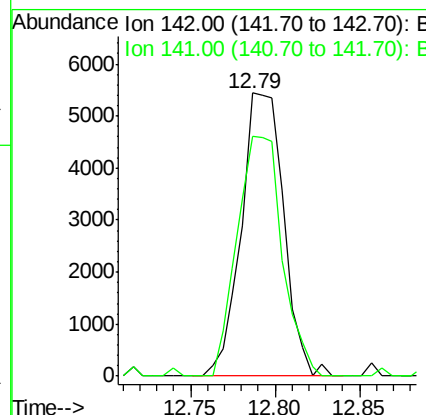
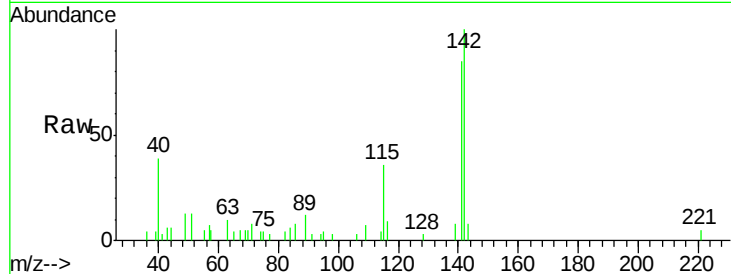
#34
 2-Methylnaphthalene
 Concen: 1.484 ng/ul
 RT: 12.79 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG028501.D
 Acq: 25 Aug 2017 21:41

Instrument :
 BNA_G
 ClientSampleId :
 B0AT6

Tgt Ion:142 Resp: 9524
 Ion Ratio Lower Upper
 142 100
 141 84.7 68.6 102.8

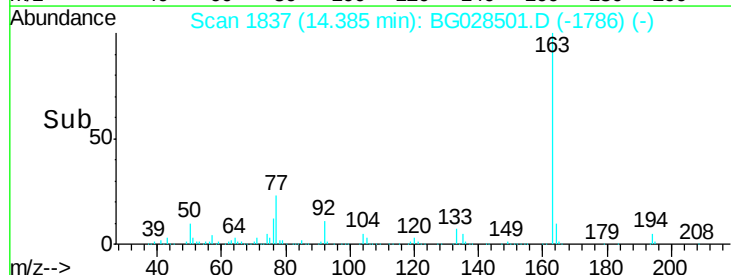
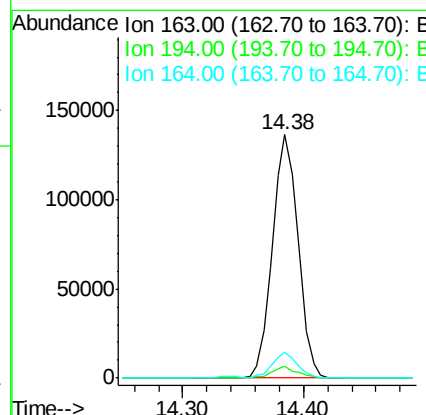
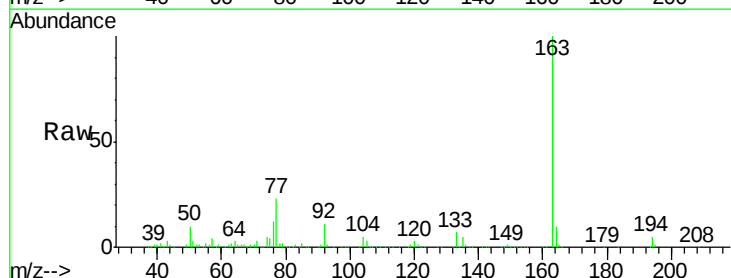
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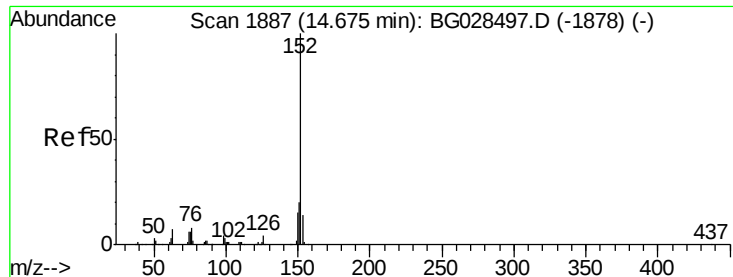
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#44
 Dimethylphthalate
 Concen: 22.164 ng/ul
 RT: 14.38 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG028501.D
 Acq: 25 Aug 2017 21:41

Tgt Ion:163 Resp: 199905
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.0
 164 10.5 9.0 13.4





#47

Acenaphthylene

Concen: 3.056 ng/ul

RT: 14.68 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

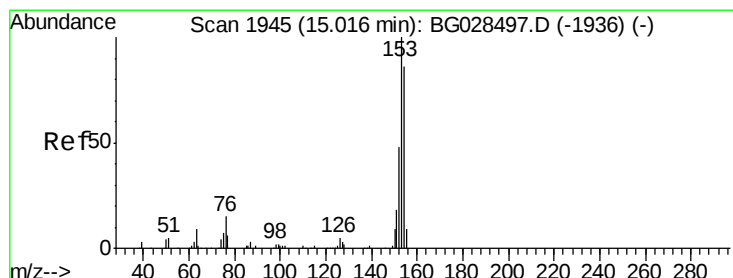
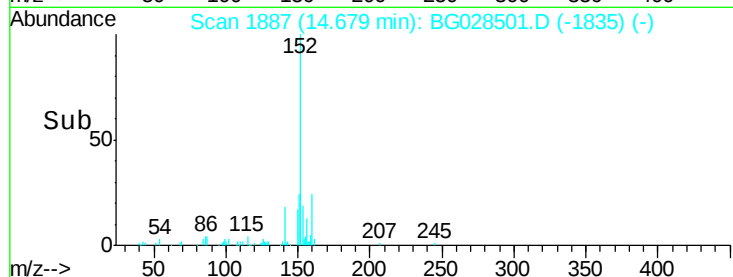
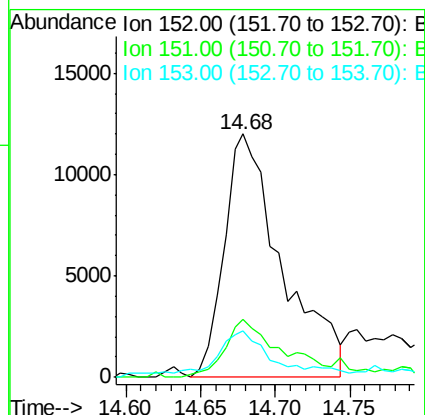
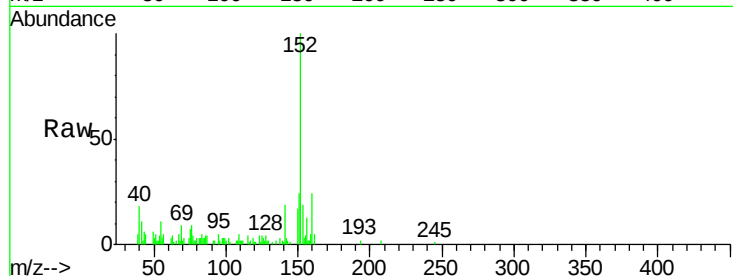
ClientSampleId :

B0AT6

Tgt Ion:	152	Resp:	32254
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.7	25.1
153	19.4	11.4	17.2#

Manual Integrations
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#49

Acenaphthene

Concen: 1.871 ng/ul

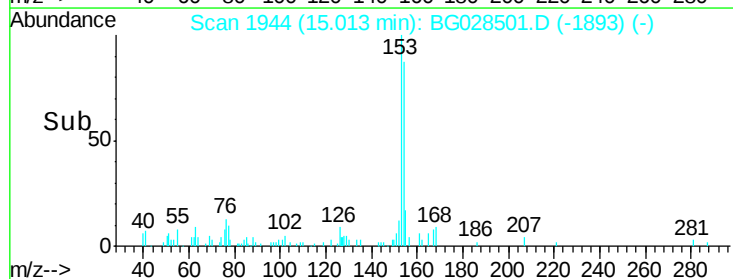
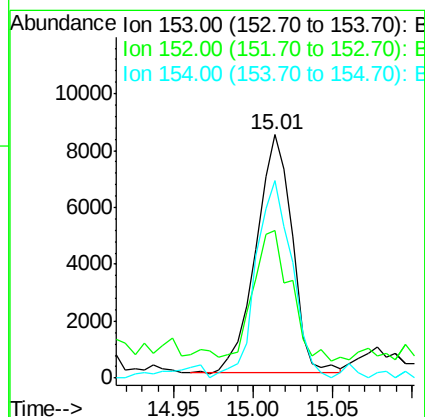
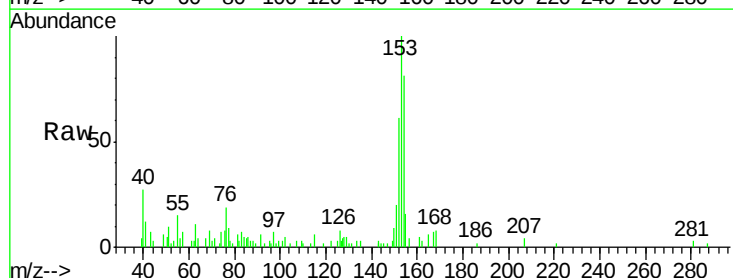
RT: 15.01 min Scan# 1944

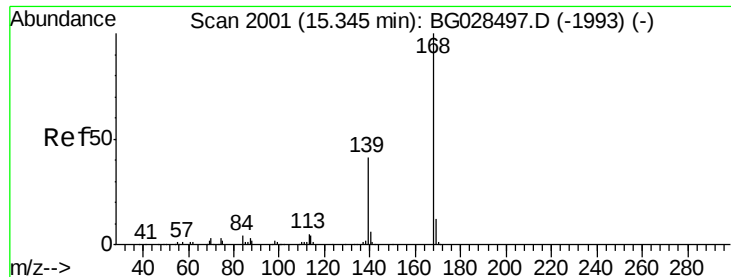
Delta R.T. -0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	153	Resp:	13321
Ion Ratio	Lower	Upper	
153	100		
152	60.6	36.5	54.7#
154	81.4	72.3	108.5





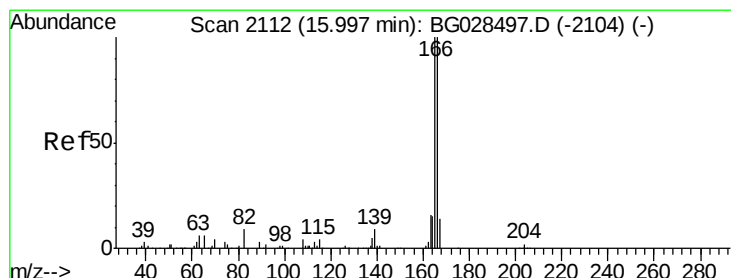
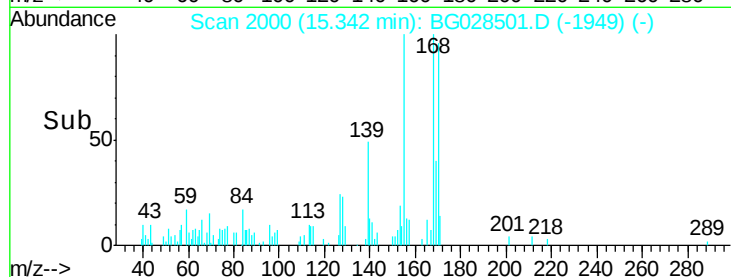
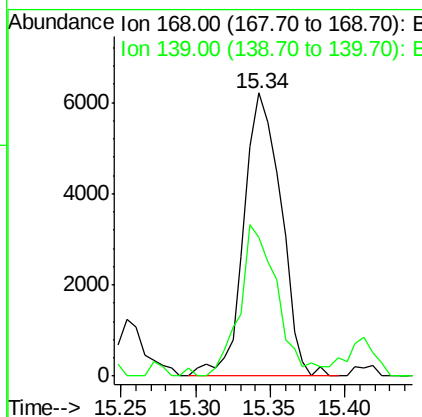
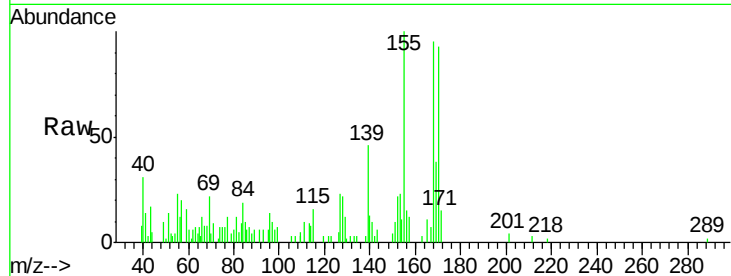
#53
Dibenzenofuran
Concen: 1.029 ng/ul
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028501.D
Acq: 25 Aug 2017 21:41

Instrument :
BNA_G
ClientSampleId :
B0AT6

Tgt Ion	Ratio	Lower	Upper
168	100		
139	48.8	33.8	50.8

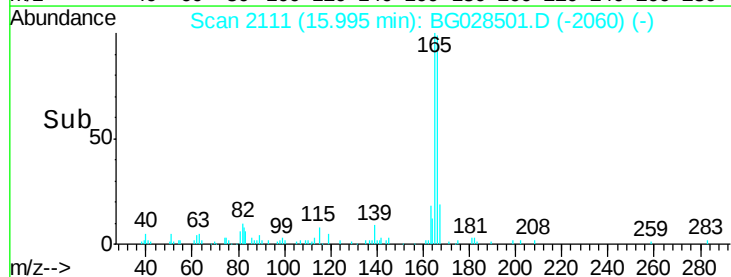
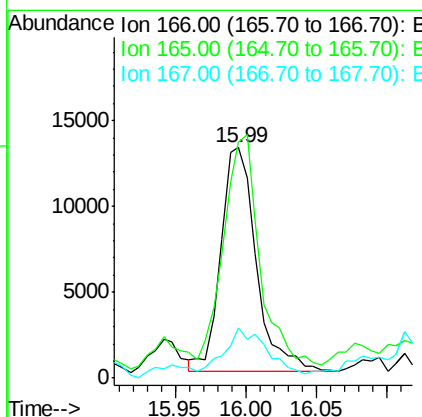
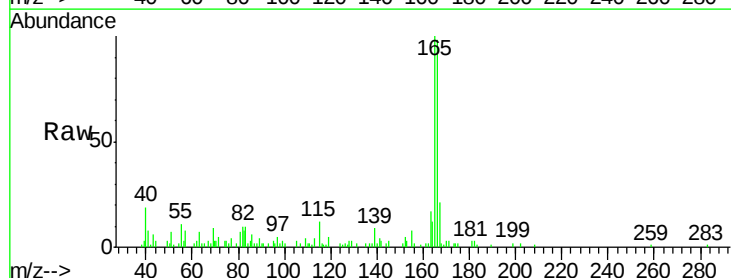
Manual Integrations
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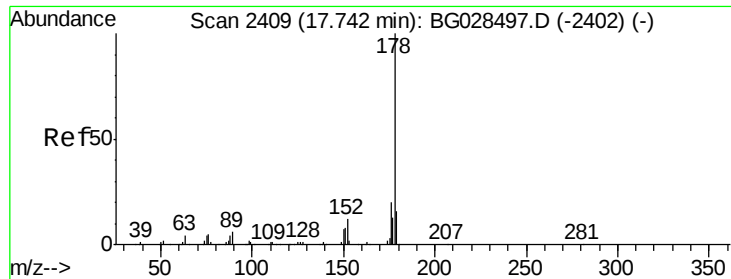
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#58
Fluorene
Concen: 2.472 ng/ul
RT: 15.99 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG028501.D
Acq: 25 Aug 2017 21:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.7	119.5
167	21.9	11.4	17.2#





#69

Phenanthrene

Concen: 43.927 ng/ul

RT: 17.75 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

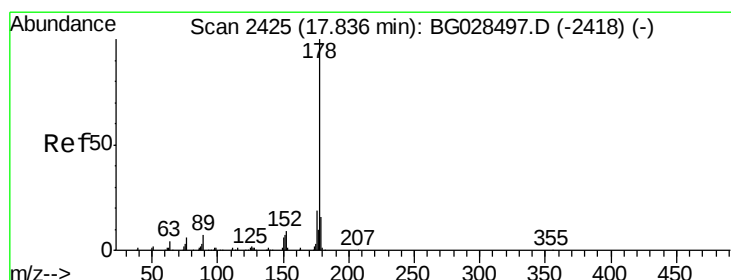
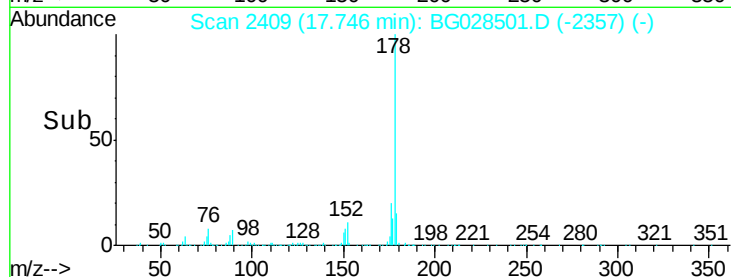
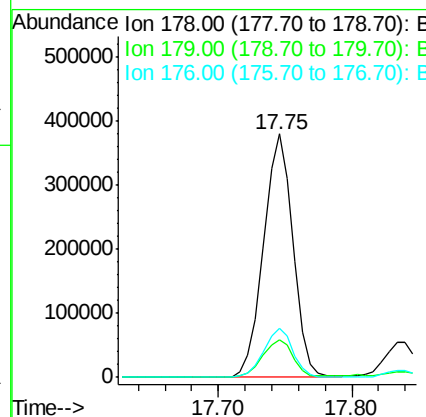
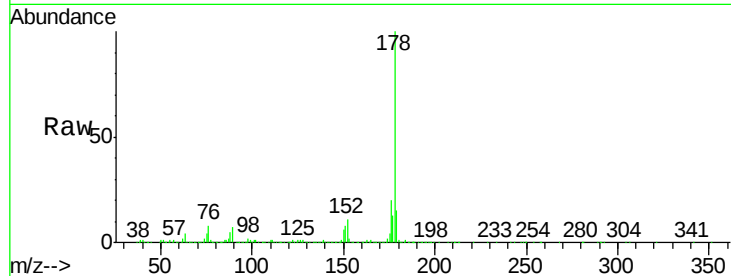
ClientSampled :

B0AT6

Tgt Ion:	178	Resp:	574925
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	20.0	16.5	24.7

Manual Integrations
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#71

Anthracene

Concen: 6.535 ng/ul

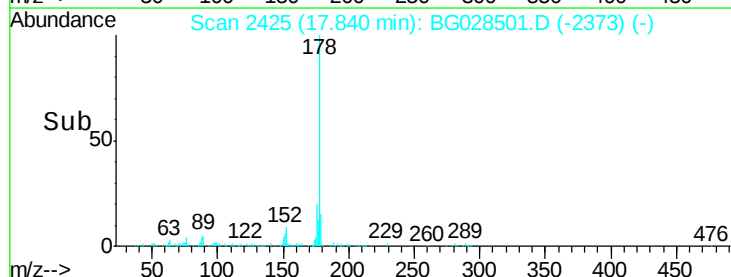
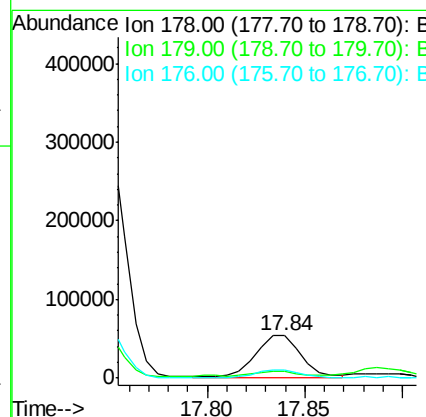
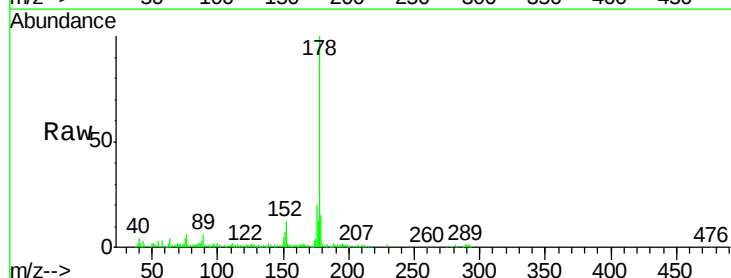
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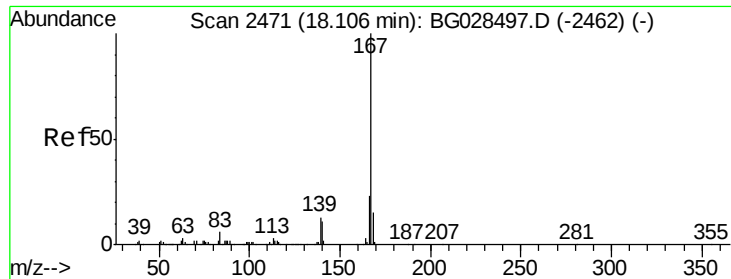
Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	178	Resp:	87415
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	19.7	15.9	23.9





#72

Carbazole

Concen: 2.107 ng/ul

RT: 18.10 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

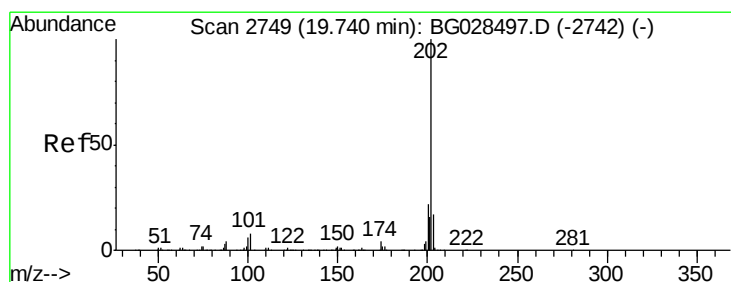
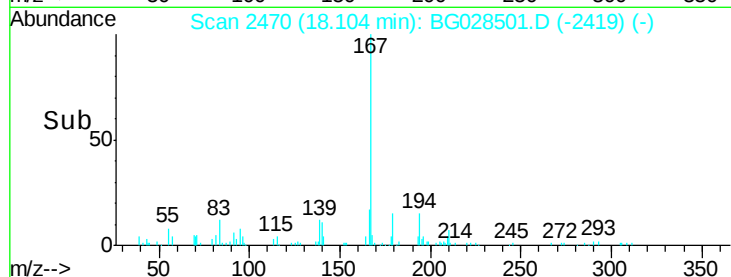
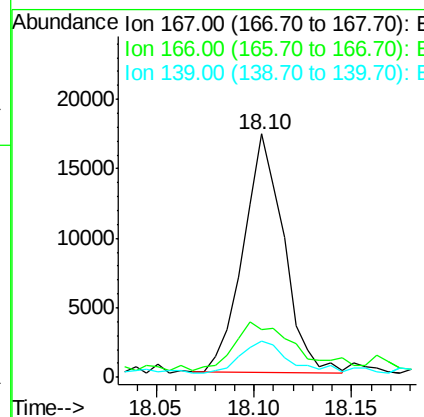
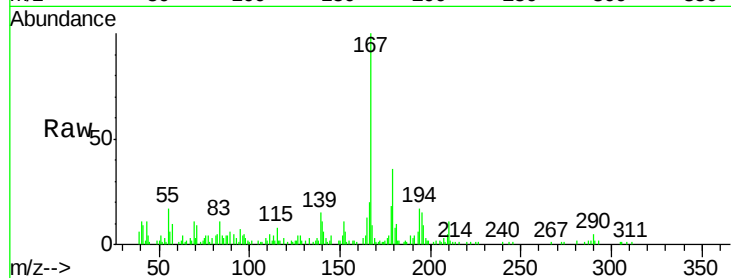
ClientSampleId :

B0AT6

Tgt Ion:	167	Resp:	24514
Ion Ratio		Lower	Upper
167	100		
166	19.8	17.9	26.9
139	14.7	10.5	15.7

Manual Integrations
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#74

Fluoranthene

Concen: 64.216 ng/ul

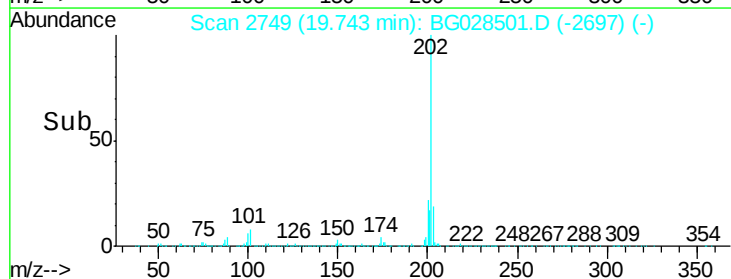
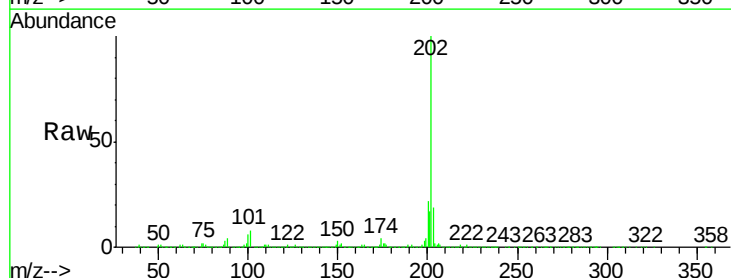
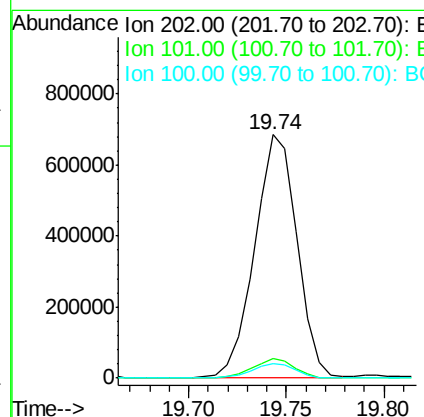
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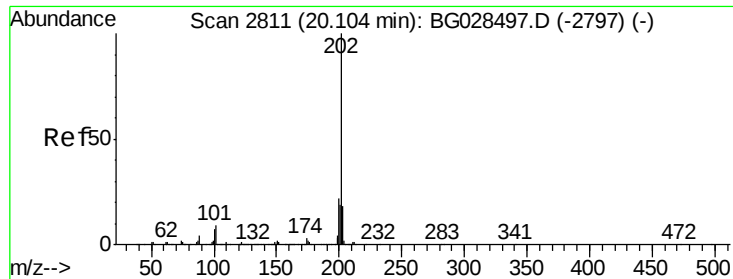
Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	202	Resp:	1021419
Ion Ratio		Lower	Upper
202	100		
101	8.0	6.2	9.2
100	6.2	5.2	7.8





#77

Pyrene

Concen: 74.313 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

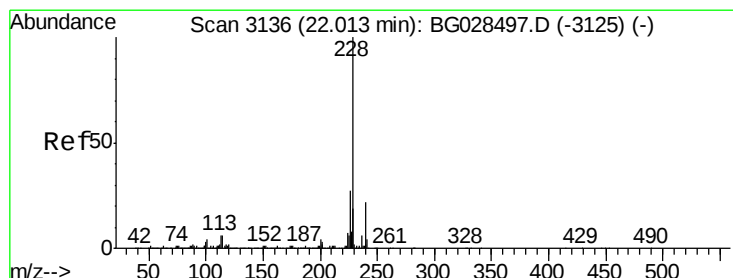
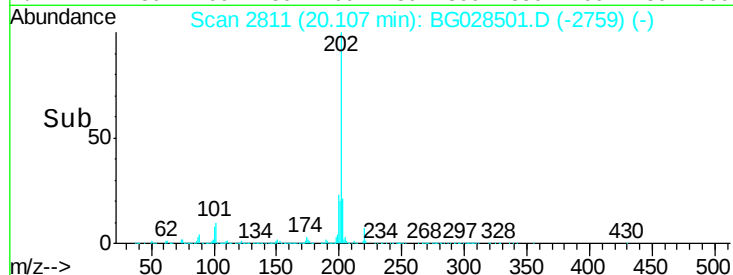
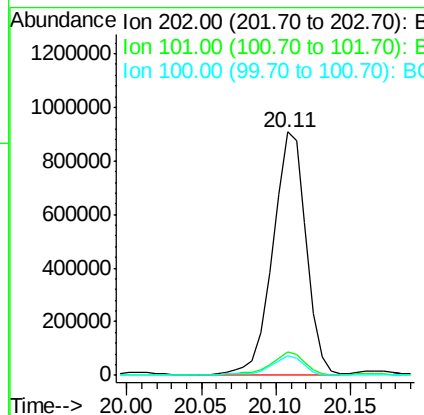
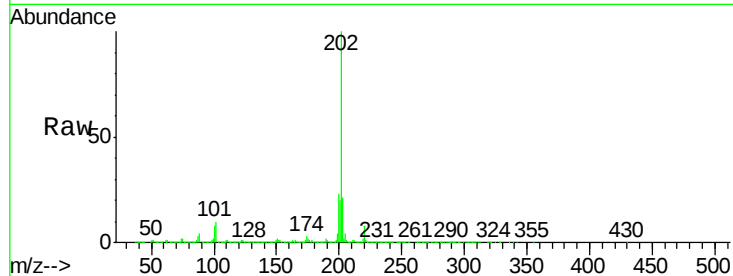
ClientSampleId :

B0AT6

Tgt Ion:	202	Resp:	1408472
Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.9	10.3
100	8.0	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 42.381 ng/ul

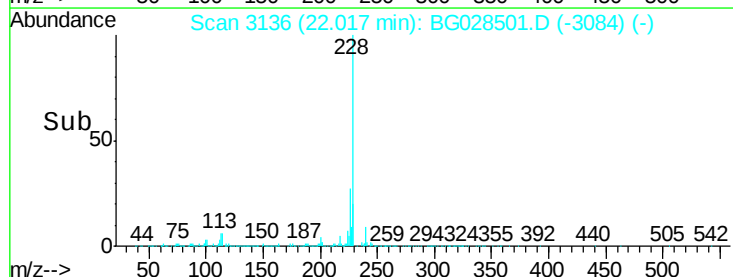
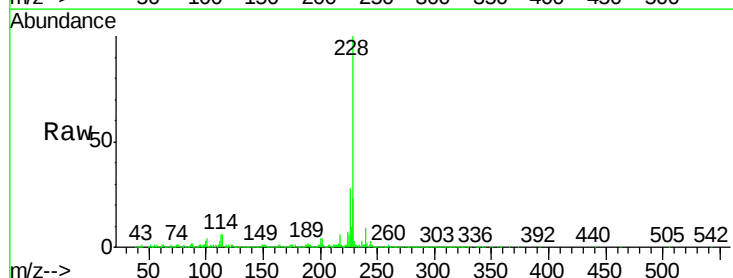
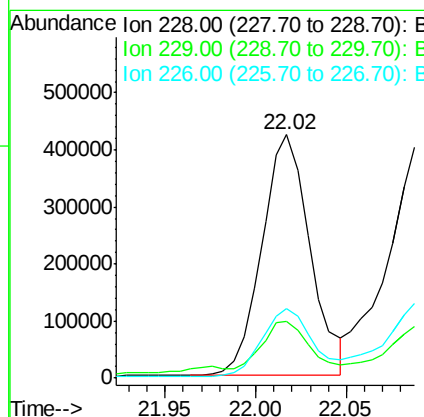
RT: 22.02 min Scan# 3136

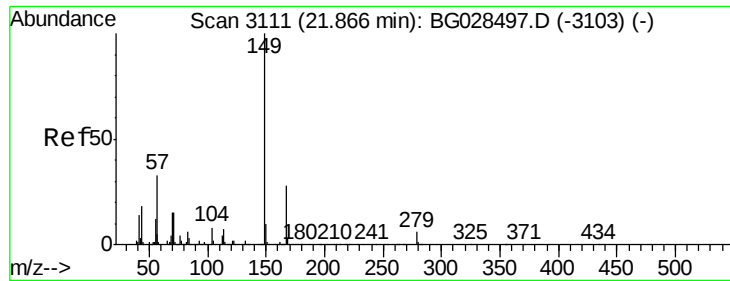
Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	228	Resp:	777922
Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.3	24.5
226	28.5	21.9	32.9





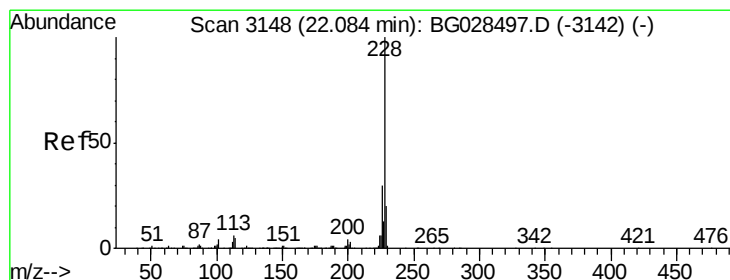
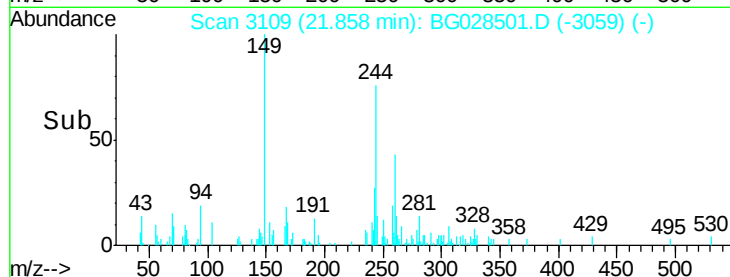
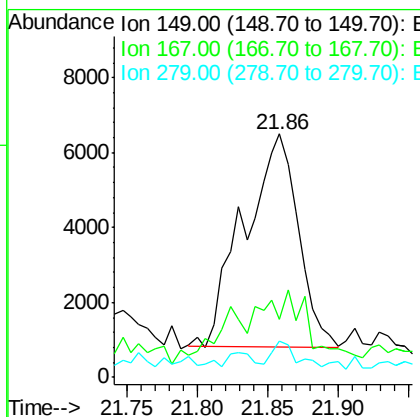
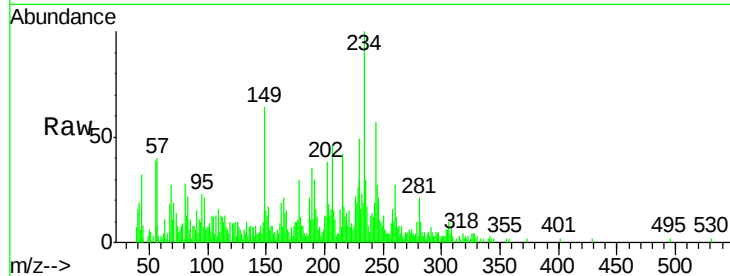
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.511 ng/ul
 RT: 21.86 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG028501.D
 Acq: 25 Aug 2017 21:41

Instrument :
 BNA_G
 ClientSampleId :
 B0AT6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.0	21.8	32.8
279	15.0	4.5	6.7#

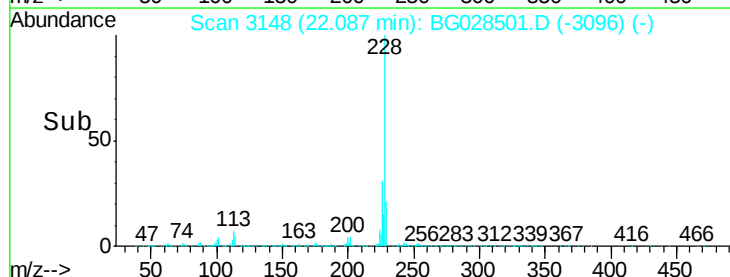
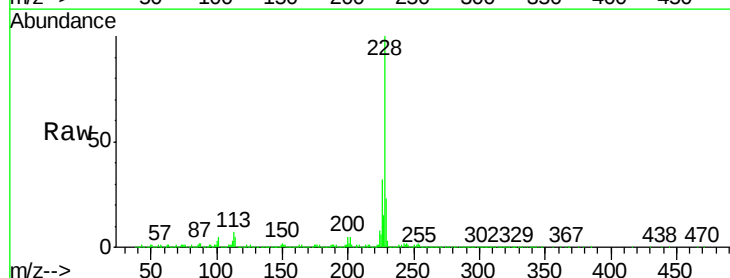
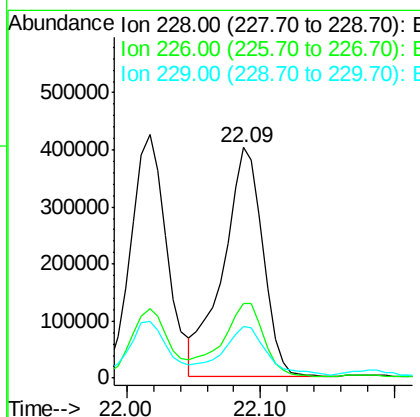
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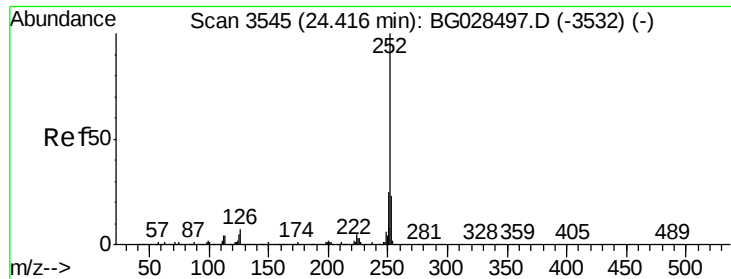
Sohil
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#82
 Chrysene
 Concen: 50.024 ng/ul
 RT: 22.09 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG028501.D
 Acq: 25 Aug 2017 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	22.6	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 45.017 ng/ul m

RT: 24.43 min Scan# 3547

Delta R.T. 0.02 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

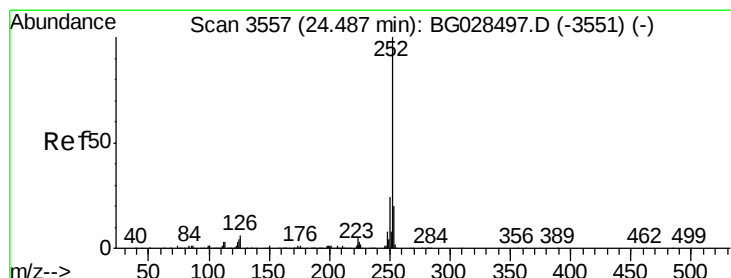
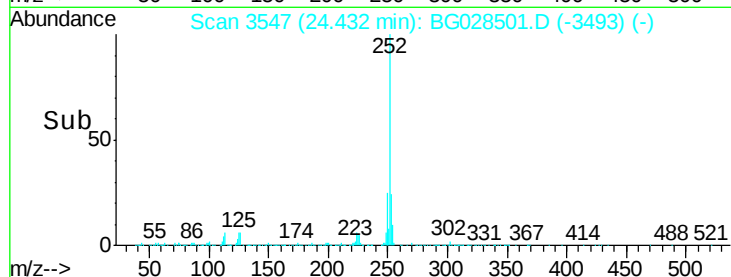
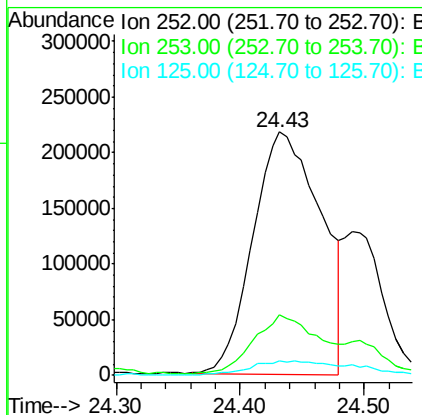
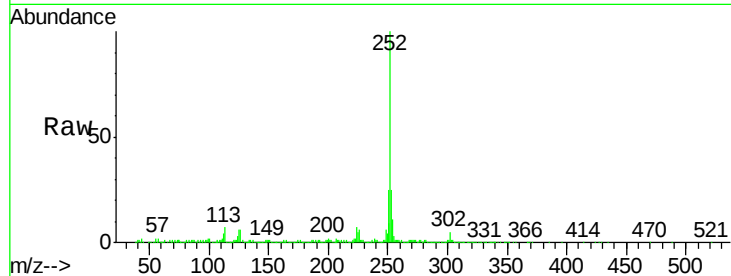
ClientSampled :

B0AT6

Tgt Ion:	252	Resp:	829392
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.7	26.5
125	6.0	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 15.514 ng/ul m

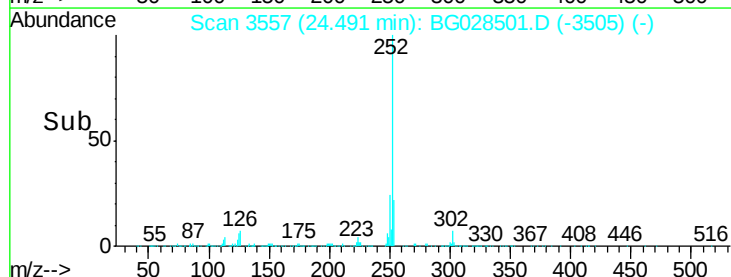
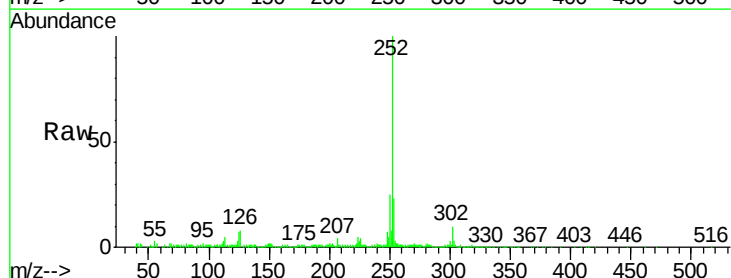
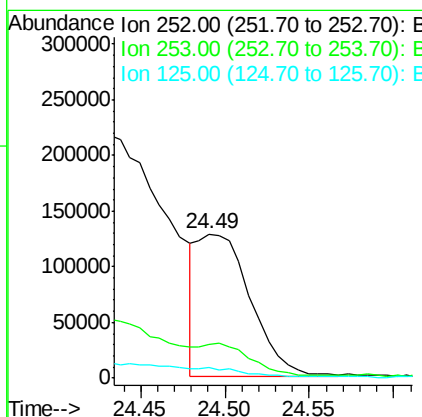
RT: 24.49 min Scan# 3557

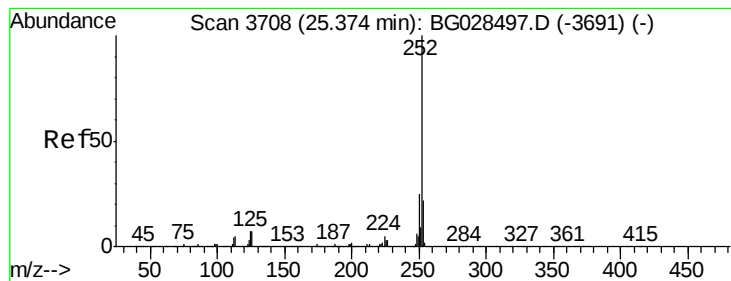
Delta R.T. 0.00 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	252	Resp:	279199
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.5	27.7
125	7.2	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 42.491 ng/ul m

RT: 25.40 min Scan# 3711

Delta R.T. 0.02 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Instrument :

BNA_G

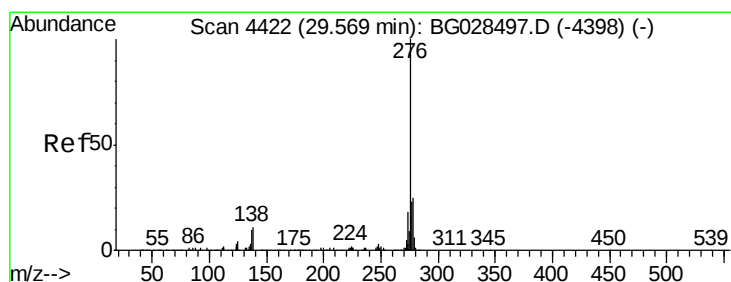
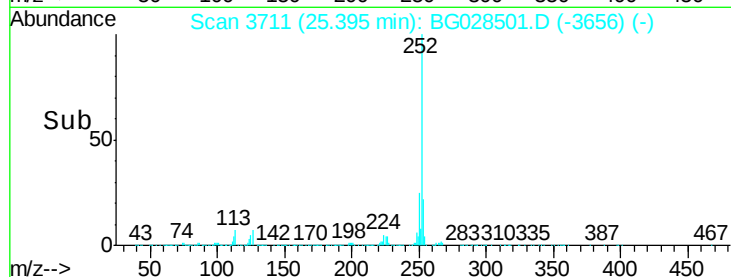
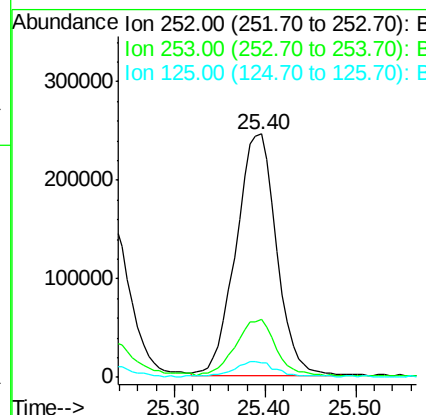
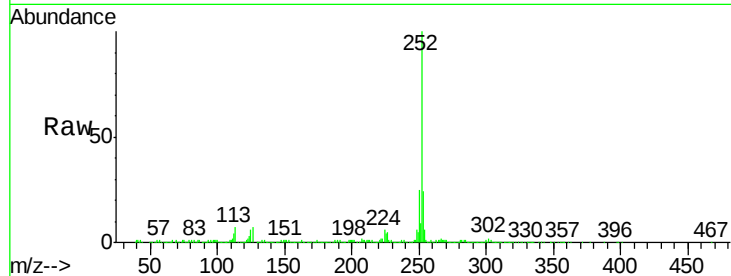
ClientSampleId :

B0AT6

Tgt Ion:	252	Resp:	757977
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.6
125	5.9	5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 18.468 ng/ul m

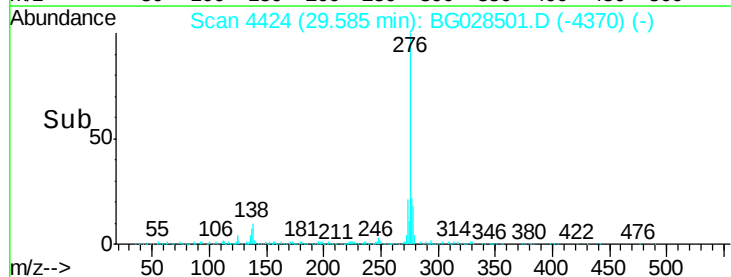
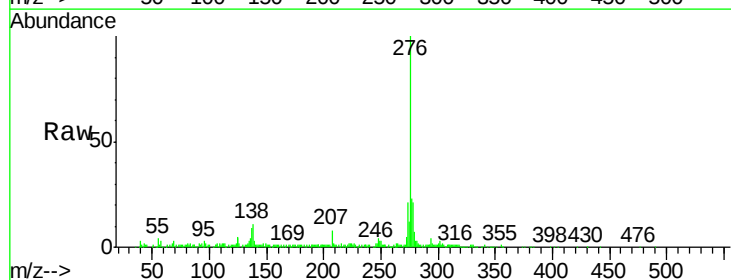
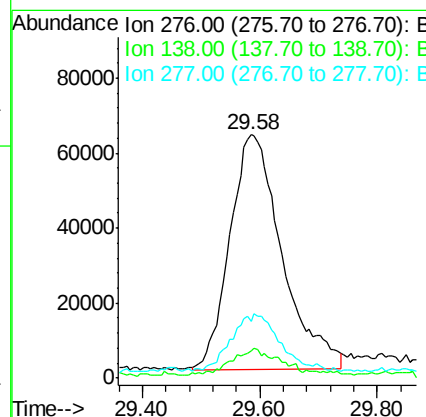
RT: 29.58 min Scan# 4424

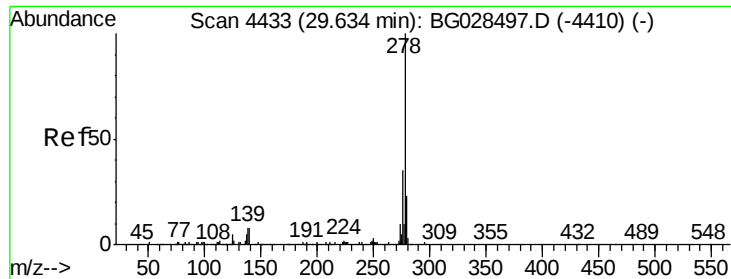
Delta R.T. 0.02 min

Lab File: BG028501.D

Acq: 25 Aug 2017 21:41

Tgt Ion:	276	Resp:	385792
Ion Ratio	Lower	Upper	
276	100		
138	11.4	8.2	12.4
277	23.1	18.6	28.0





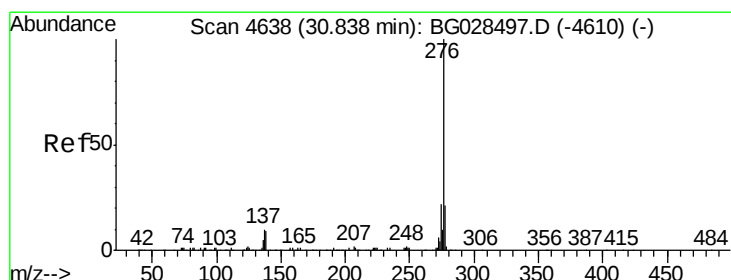
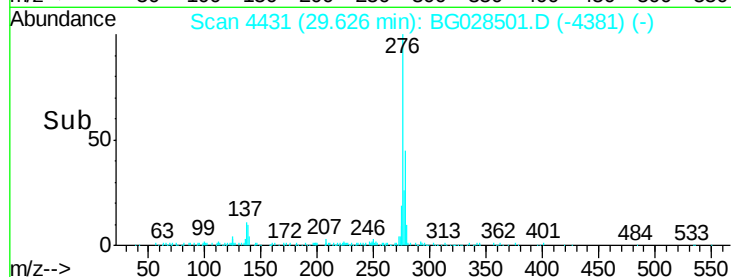
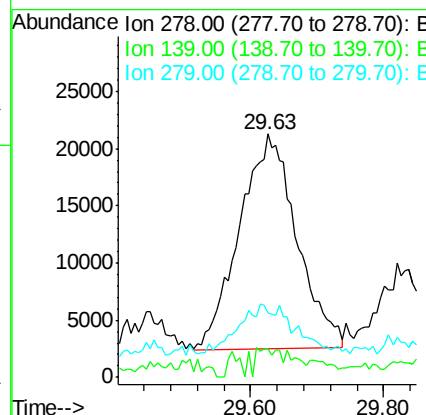
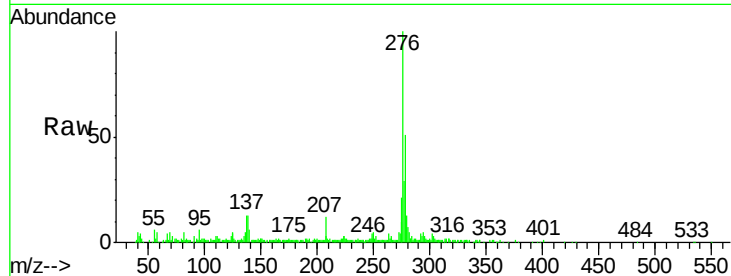
#90
Dibenzo(a,h)anthracene
Concen: 6.418 ng/ul m
RT: 29.63 min Scan# 4431
Delta R.T. -0.01 min
Lab File: BG028501.D
Acq: 25 Aug 2017 21:41

Instrument :
BNA_G
ClientSampled :
B0AT6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	6.7	10.1#
279	26.6	20.9	31.3

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#91
Benzo(g,h,i)perylene
Concen: 17.601 ng/ul m
RT: 30.86 min Scan# 4641
Delta R.T. 0.02 min
Lab File: BG028501.D
Acq: 25 Aug 2017 21:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.0	8.6	12.8
277	25.5	17.6	26.4

