

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028340.D
 Acq On : 15 Aug 2017 12:12
 Operator : SJ/JU
 Sample : I4504-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:57 PM

Quant Time: Aug 16 13:07:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 01:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51091	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	233323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	153228	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	343315	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	404328	20.00	ng/ul	0.00
83) Perylene-d12	25.59	264	383859	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2444	2.23	ng/uL	0.00
5) Phenol-d5	7.52	99	86442	15.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	51060	14.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	60178	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	73719	15.72	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31380	17.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	37402	18.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	74930	18.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	7613m	1.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	229954	16.87	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	264285	17.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.20	143	31432	14.51	ng/ul	0.04
57) Fluorene-d10	15.96	176	193705	15.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	41357	18.54	ng/ul	0.01
70) Anthracene-d10	17.82	188	321340	19.52	ng/ul	0.00
76) Pyrene-d10	20.09	212	359202	17.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	331955	18.47	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.54	94	9062	1.625	ng/ul	94
16) 4-Methylphenol	9.13	108	8062	1.814	ng/ul	86
24) 2,4-Dimethylphenol	10.33	107	17683	3.523	ng/ul	94
34) 2-Methylnaphthalene	12.81	142	20578	2.217	ng/ul	94
44) Dimethylphthalate	14.40	163	60202	4.798	ng/ul	99
49) Acenaphthene	15.03	153	15599	1.574	ng/ul#	82
53) Dibenzofuran	15.36	168	22478	1.556	ng/ul	97
58) Fluorene	16.01	166	26999	2.111	ng/ul#	93
69) Phenanthrene	17.76	178	127635	7.387	ng/ul	93
74) Fluoranthene	19.76	202	76383	3.638	ng/ul#	94
77) Pyrene	20.12	202	141777	5.877	ng/ul#	95
80) Benzo(a)anthracene	22.04	228	56863	2.434	ng/ul#	73
82) Chrysene	22.11	228	55654	2.645	ng/ul#	70
88) Benzo(a)pyrene	25.42	252	34444	1.549	ng/ul#	74

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

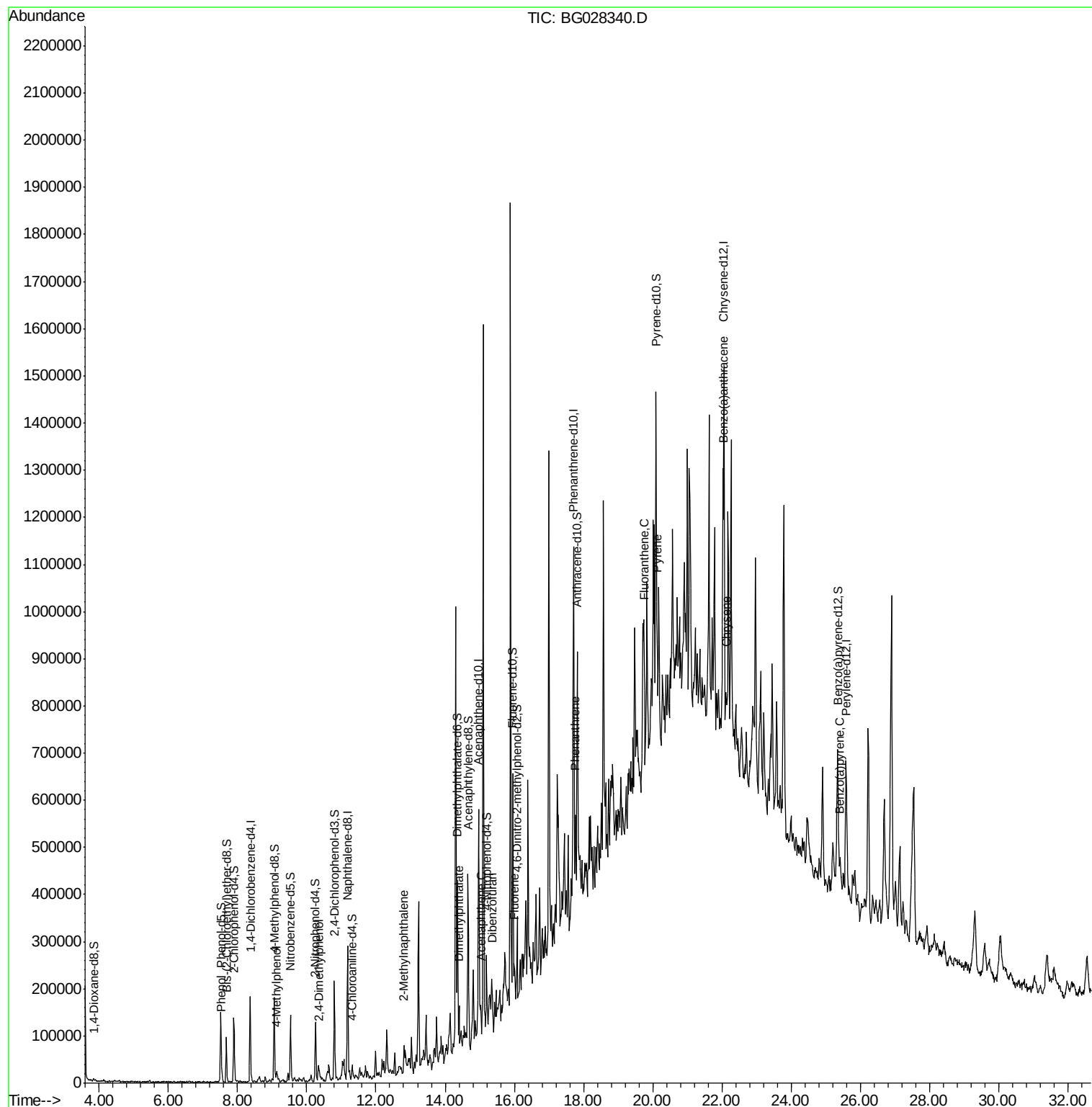
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028340.D
Acq On : 15 Aug 2017 12:12
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

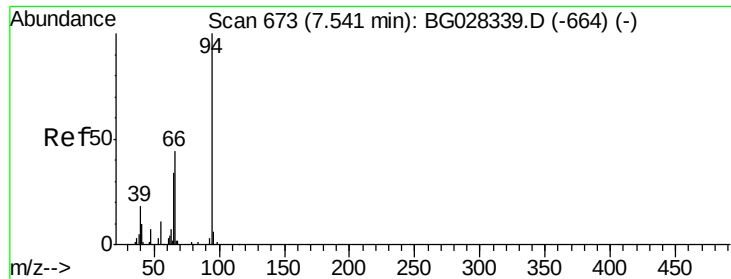
Instrument :
BNA_G
ClientSampleId :
C0AA8

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Quant Time: Aug 16 13:07:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 01:22:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.625 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Instrument :

BNA_G

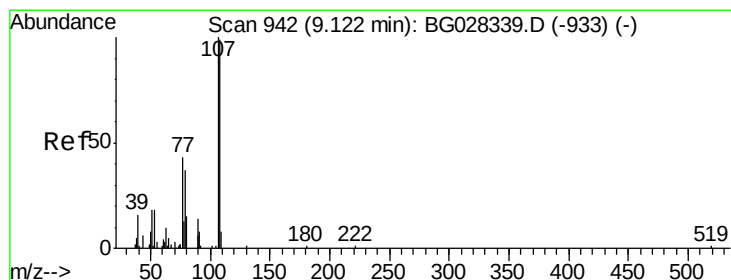
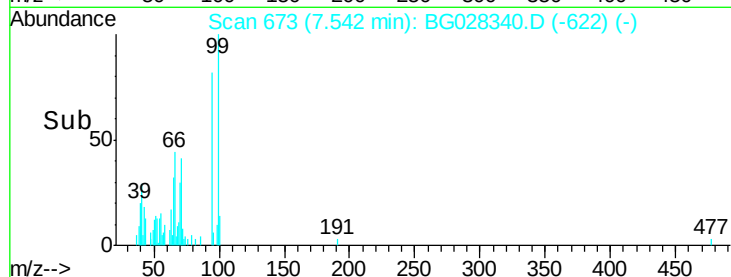
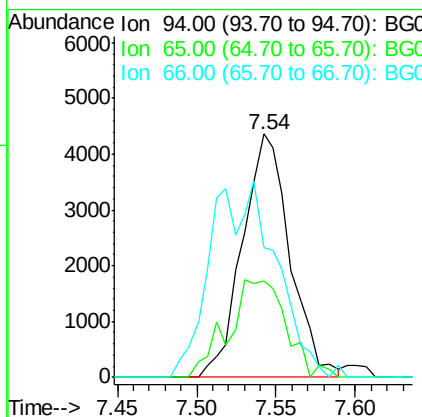
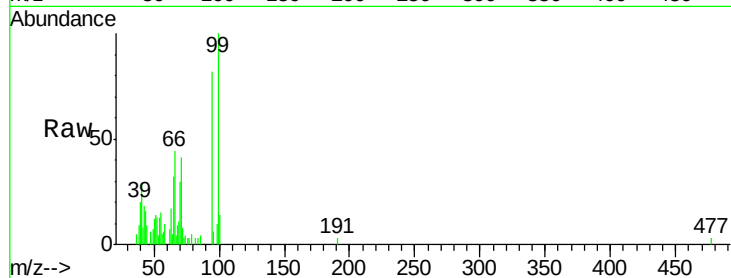
ClientSampled :

C0AA8

Tgt Ion:	94	Resp:	9062
Ion Ratio	Lower	Upper	
94	100		
65	39.4	26.8	40.2
66	53.2	44.4	66.6

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#16

4-Methylphenol

Concen: 1.814 ng/ul

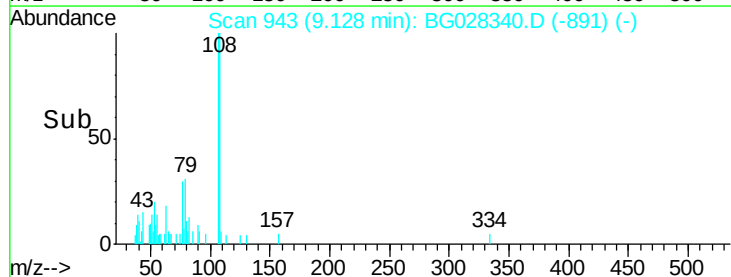
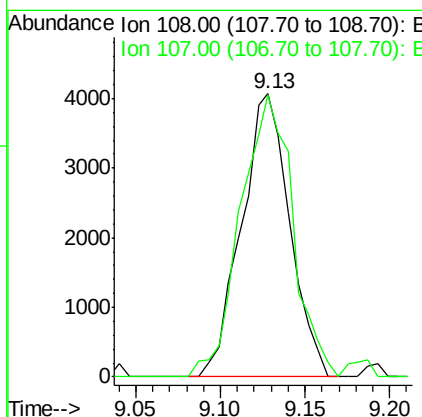
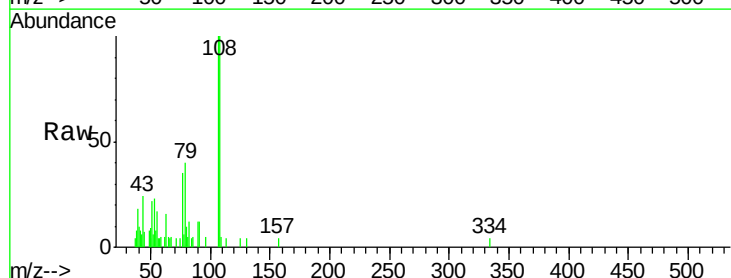
RT: 9.13 min Scan# 943

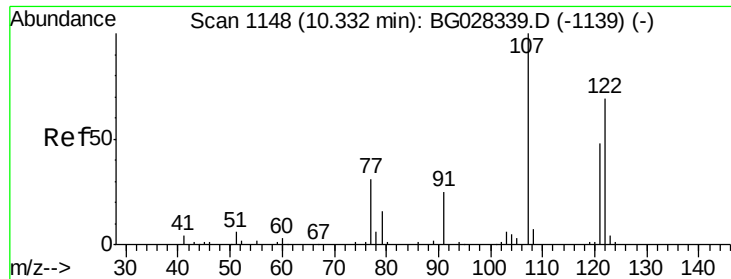
Delta R.T. 0.01 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Tgt Ion:	108	Resp:	8062
Ion Ratio	Lower	Upper	
108	100		
107	99.6	91.7	137.5





#24

2,4-Dimethylphenol

Concen: 3.523 ng/ul

RT: 10.33 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Instrument :

BNA_G

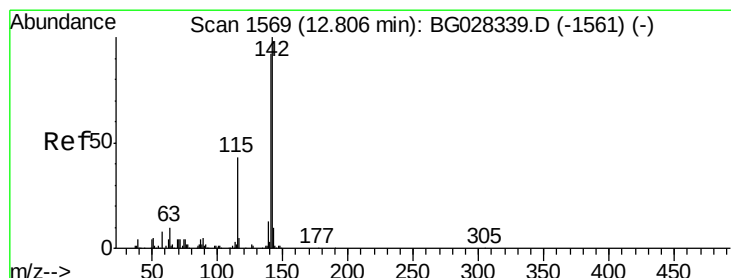
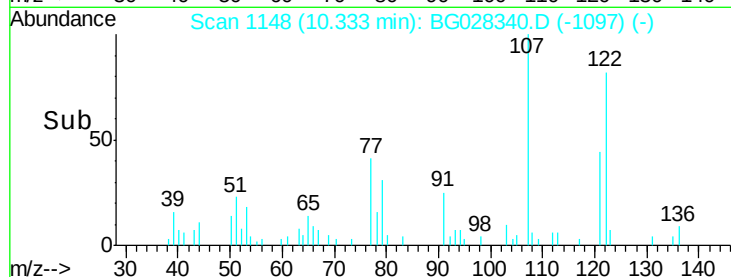
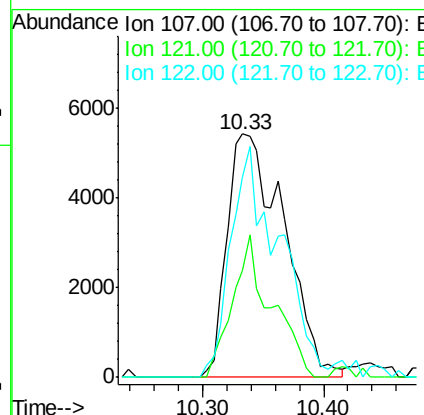
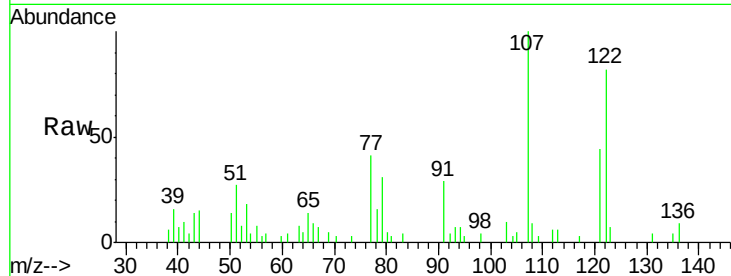
ClientSampleId :

C0AA8

Tgt Ion:	107	Resp:	17683
Ion Ratio	Lower	Upper	
107	100		
121	43.9	32.3	48.5
122	82.3	61.2	91.8

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#34

2-Methylnaphthalene

Concen: 2.217 ng/ul

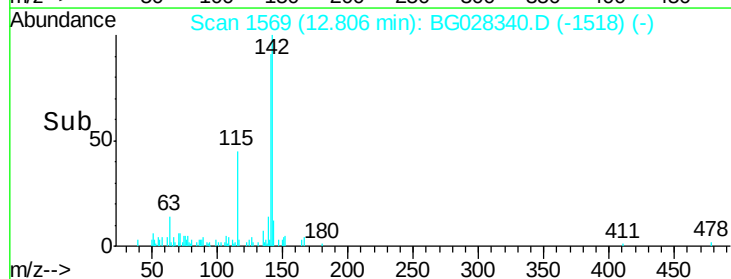
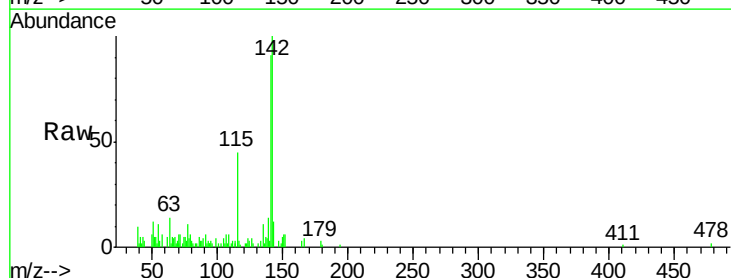
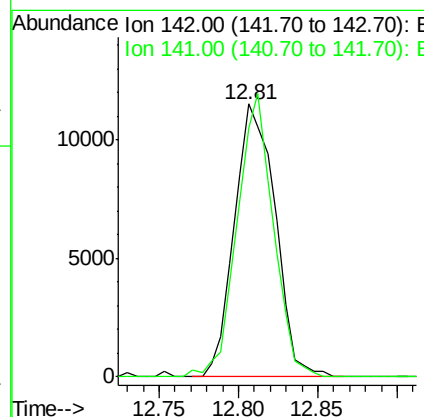
RT: 12.81 min Scan# 1569

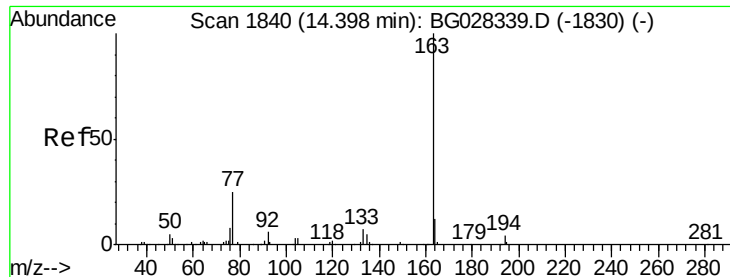
Delta R.T. 0.00 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Tgt Ion:	142	Resp:	20578
Ion Ratio	Lower	Upper	
142	100		
141	91.4	68.6	102.8





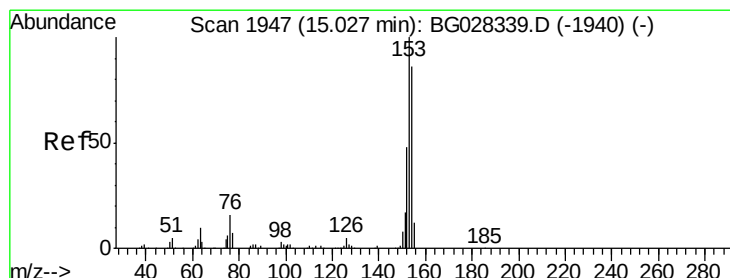
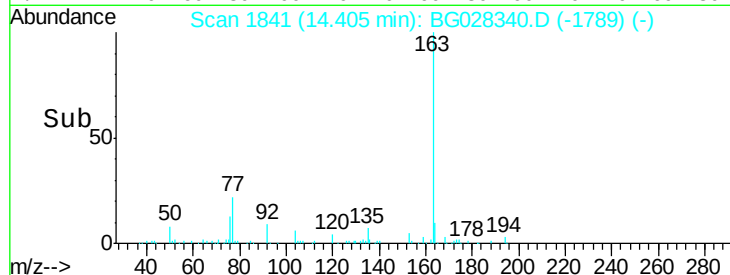
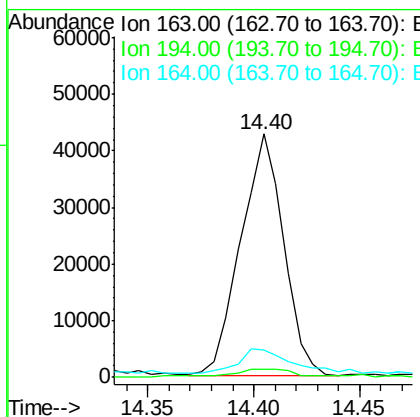
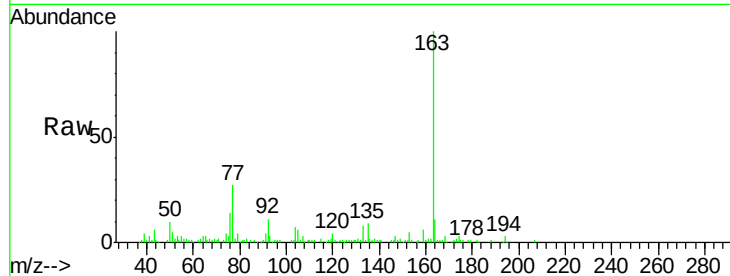
#44
Dimethylphthalate
Concen: 4.798 ng/ul
RT: 14.40 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	60202		
194	3.5		3.4	5.0
164	11.0		9.0	13.4

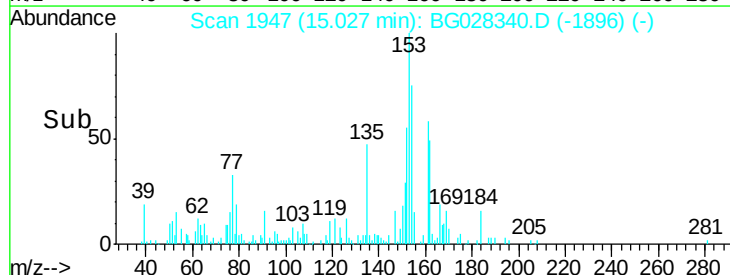
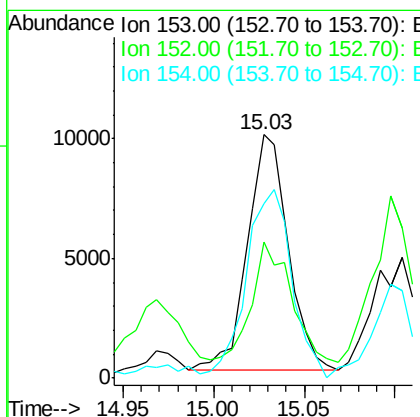
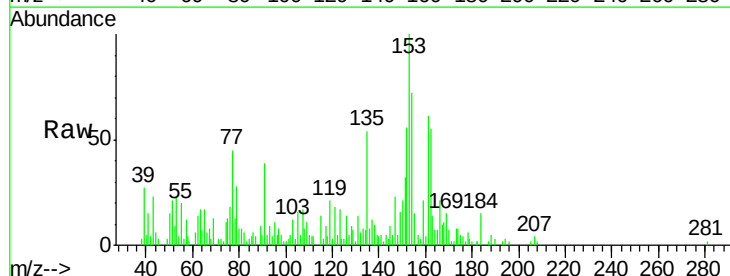
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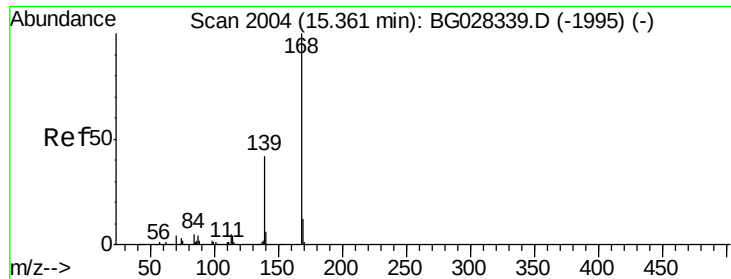
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#49
Acenaphthene
Concen: 1.574 ng/ul
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	15599		
152	56.0		36.5	54.7#
154	71.7		72.3	108.5#





#53

Dibenzenofuran

Concen: 1.556 ng/ul

RT: 15.36 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Instrument :

BNA_G

ClientSampleId :

C0AA8

Tgt Ion:168 Resp: 22478

Ion Ratio Lower Upper

168 100

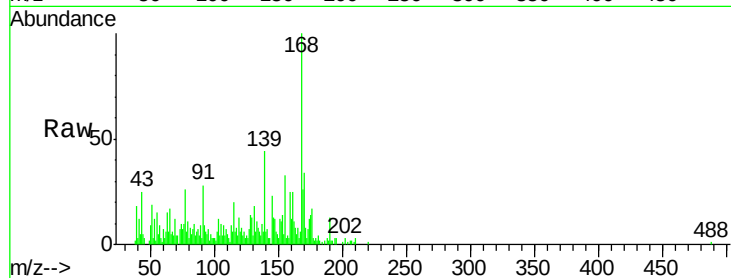
139 44.4 33.8 50.8

Manual Integrations

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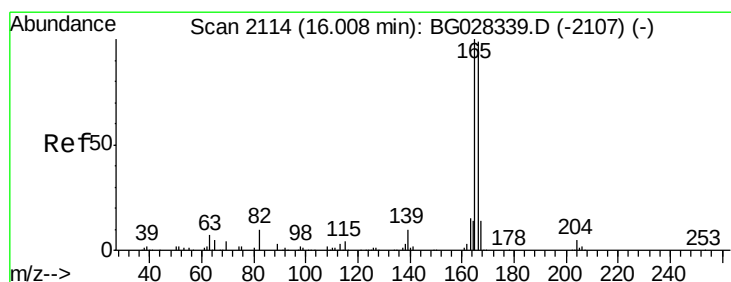
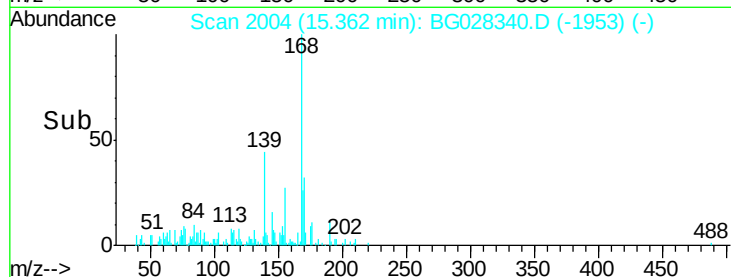
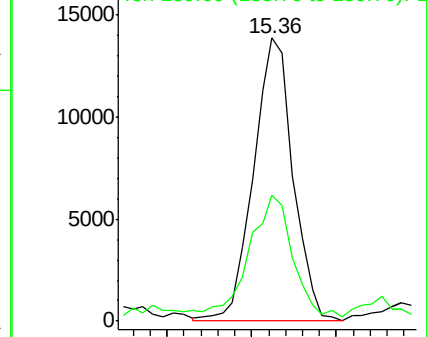
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.111 ng/ul

RT: 16.01 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

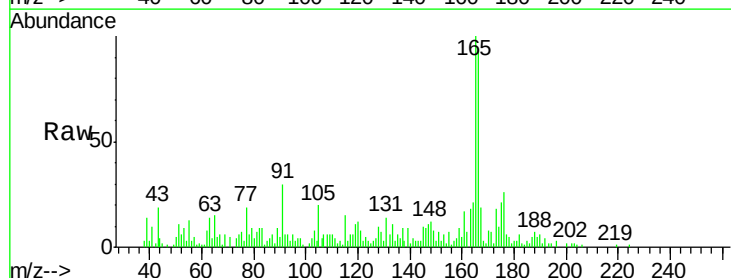
Tgt Ion:166 Resp: 26999

Ion Ratio Lower Upper

166 100

165 106.2 79.7 119.5

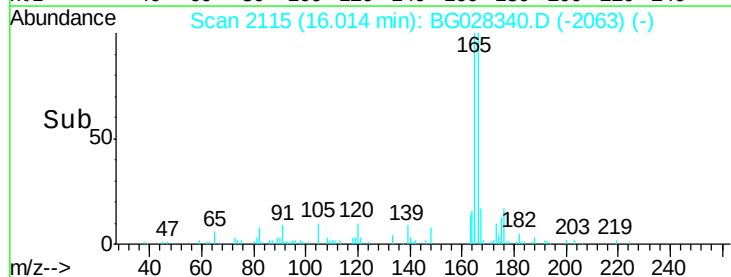
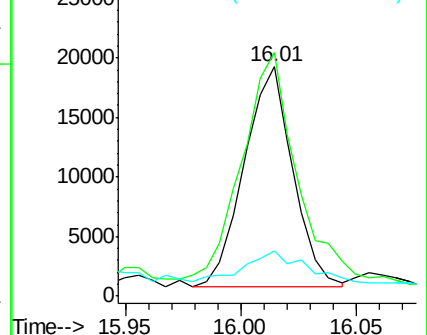
167 19.9 11.4 17.2#

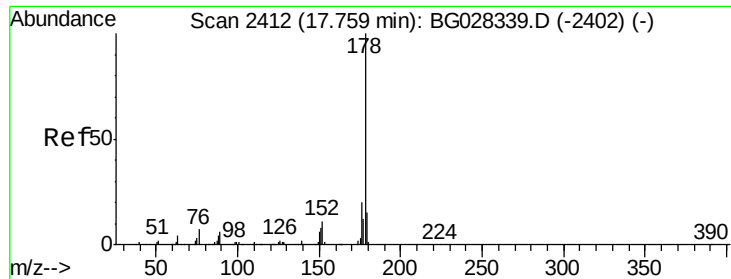


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





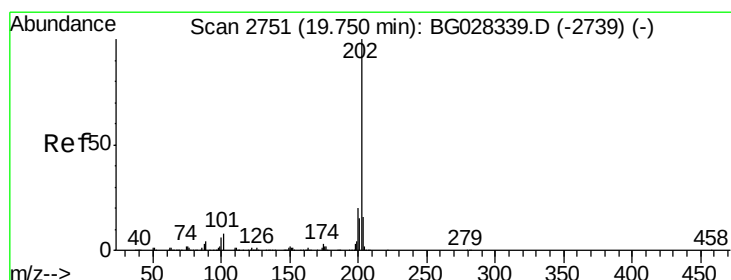
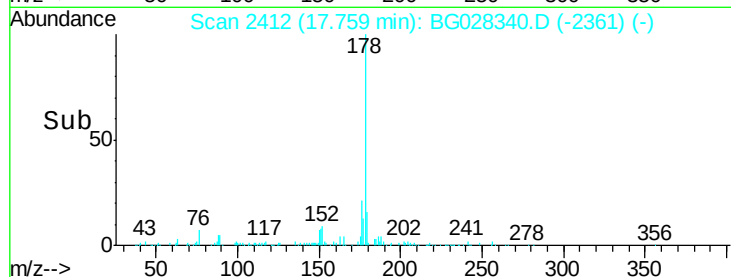
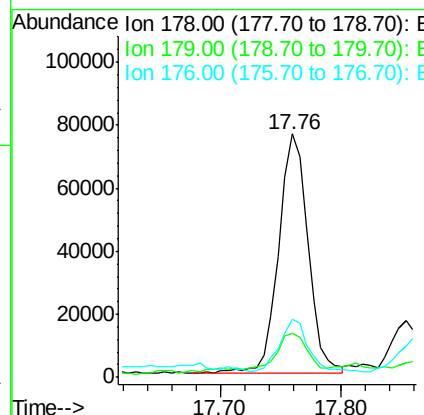
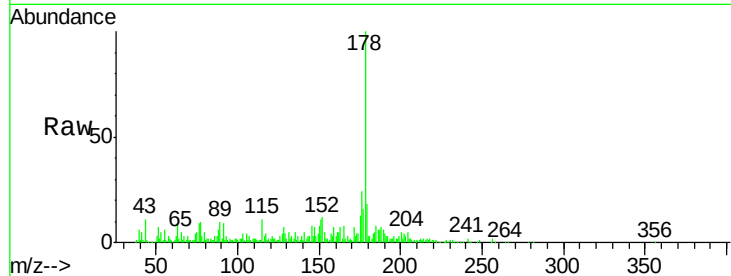
#69
 Phenanthrene
 Concen: 7.387 ng/ul
 RT: 17.76 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BG028340.D
 Acq: 15 Aug 2017 12:12

Instrument :
 BNA_G
 ClientSampled :
 C0AA8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	127635		
179	18.1		12.4	18.6
176	23.8		16.5	24.7

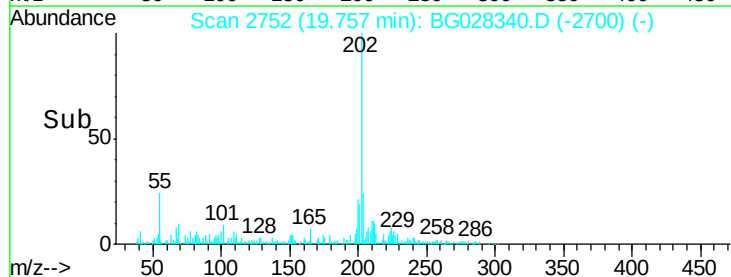
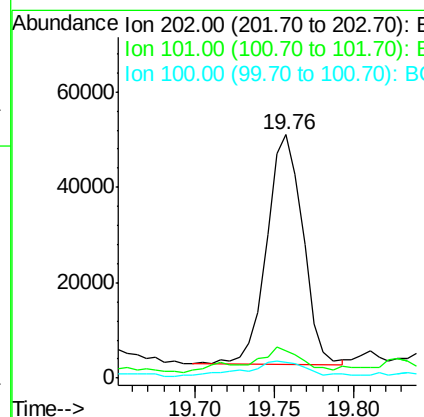
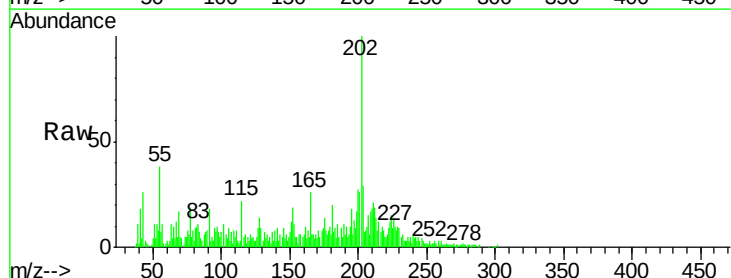
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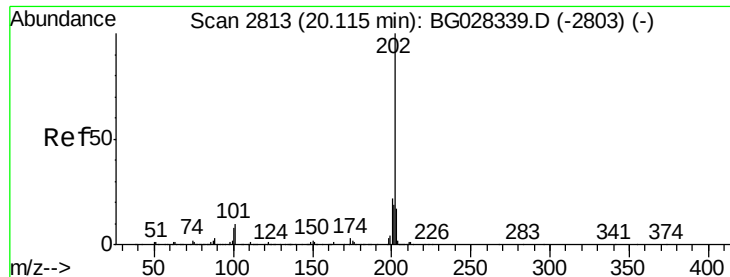
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#74
 Fluoranthene
 Concen: 3.638 ng/ul
 RT: 19.76 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BG028340.D
 Acq: 15 Aug 2017 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76383		
101	11.3		6.2	9.2#
100	6.5		5.2	7.8





#77

Pyrene

Concen: 5.877 ng/ul

RT: 20.12 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Instrument :

BNA_G

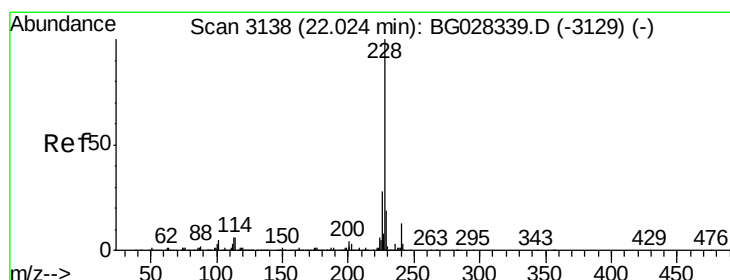
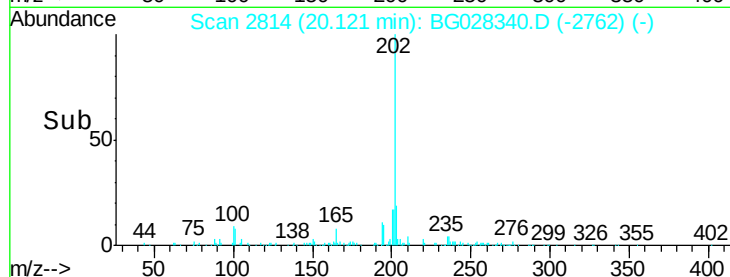
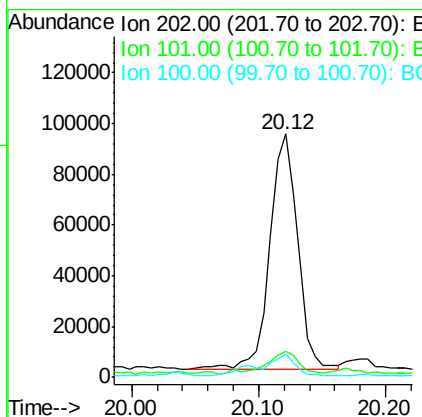
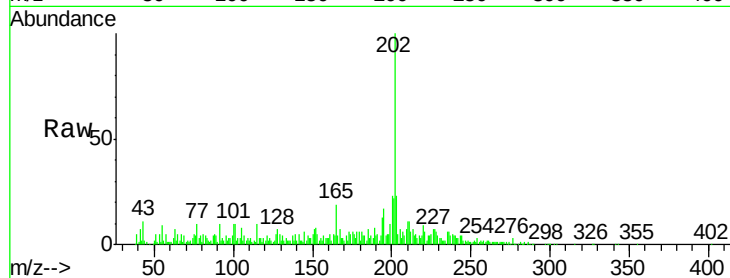
ClientSampleId :

C0AA8

Tgt Ion:	202	Resp:	141777
Ion Ratio		Lower	Upper
202	100		
101	10.4	6.9	10.3#
100	9.7	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 2.434 ng/ul

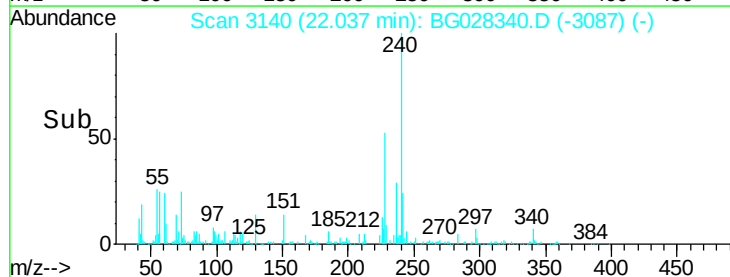
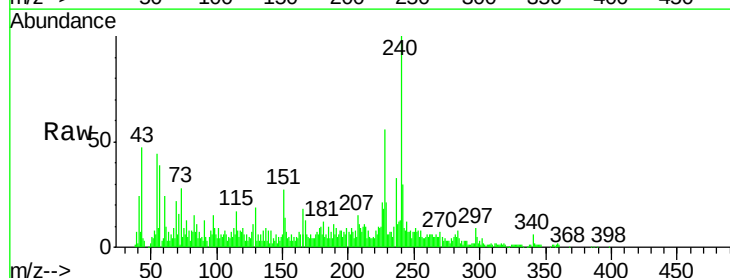
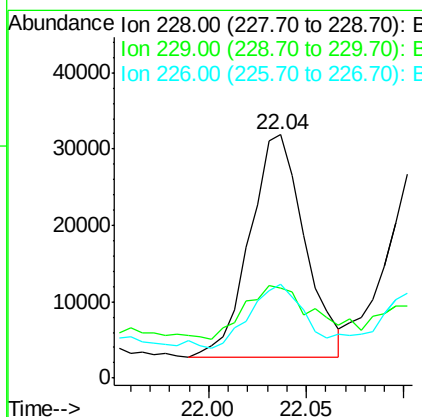
RT: 22.04 min Scan# 3140

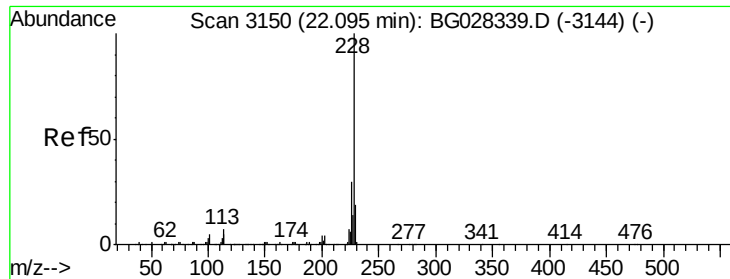
Delta R.T. 0.01 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Tgt Ion:	228	Resp:	56863
Ion Ratio		Lower	Upper
228	100		
229	37.0	16.3	24.5#
226	38.4	21.9	32.9#





#82

Chrysene

Concen: 2.645 ng/ul

RT: 22.11 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Instrument :

BNA_G

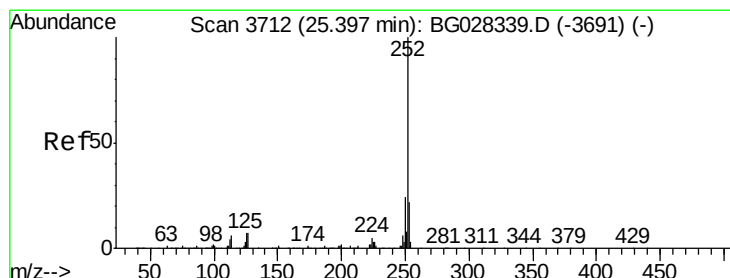
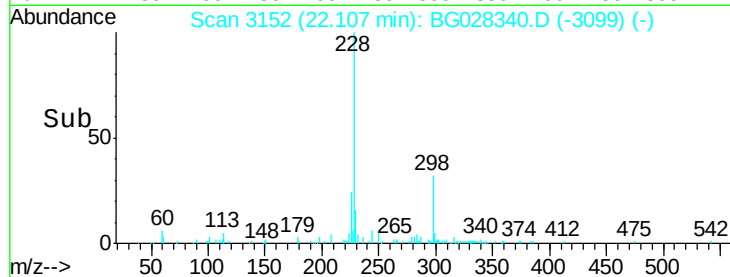
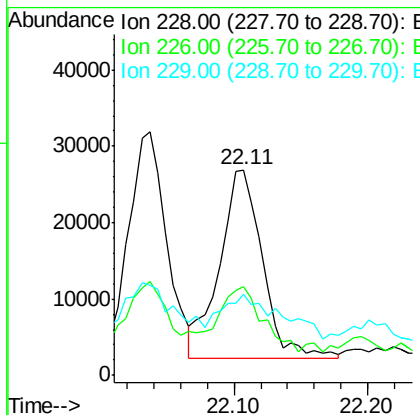
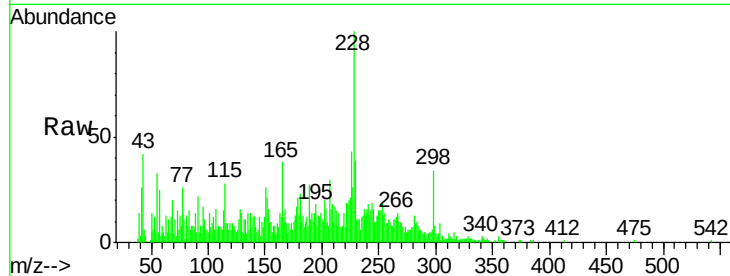
ClientSampleId :

C0AA8

Tgt Ion:	228	Resp:	55654
Ion Ratio	Lower	Upper	
228	100		
226	43.3	24.0	36.0#
229	39.2	16.9	25.3#

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#88

Benzo(a)pyrene

Concen: 1.549 ng/ul

RT: 25.42 min Scan# 3715

Delta R.T. 0.02 min

Lab File: BG028340.D

Acq: 15 Aug 2017 12:12

Tgt Ion:	252	Resp:	34444
Ion Ratio	Lower	Upper	
252	100		
253	35.0	17.8	26.6#
125	15.2	5.4	8.0#

