

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028306.D
 Acq On : 12 Aug 2017 2:12
 Operator : SJ/JU
 Sample : I4521-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8C1

Manual Integrations
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 8/14/2017 6:59:28 PM

Quant Time: Aug 12 04:13:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	46170	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	214439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	152308	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	328955	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	354751	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	351069	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3144	3.17	ng/uL	0.00
5) Phenol-d5	7.51	99	105289	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	62654	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	75018	23.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	86594	20.43	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38928	23.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	45308	24.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	93266	24.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	69305	16.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	301513	22.26	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	353063	23.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	35899	16.67	ng/ul	0.00
57) Fluorene-d10	15.95	176	257199	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44236	20.70	ng/ul	0.00
70) Anthracene-d10	17.81	188	392652	24.89	ng/ul	0.00
76) Pyrene-d10	20.08	212	445037	24.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	406033	24.71	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.54	94	14393	2.856	ng/ul#	94
28) Naphthalene	11.23	128	84835	7.988	ng/ul#	94
34) 2-Methylnaphthalene	12.81	142	9994	1.172	ng/ul	98
44) Dimethylphthalate	14.40	163	131090	10.510	ng/ul	98
49) Acenaphthene	15.02	153	10208	1.037	ng/ul#	83
69) Phenanthrene	17.76	178	50953	3.078	ng/ul	95
74) Fluoranthene	19.75	202	68938	3.426	ng/ul#	97
77) Pyrene	20.11	202	70803	3.345	ng/ul	100
80) Benzo(a)anthracene	22.02	228	39328	1.919	ng/ul	97
82) Chrysene	22.09	228	46828	2.537	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	73394	3.494	ng/ul#	95
86) Benzo(k)fluoranthene	24.49	252	25373m	1.236	ng/ul	
88) Benzo(a)pyrene	25.39	252	47431	2.332	ng/ul#	93

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

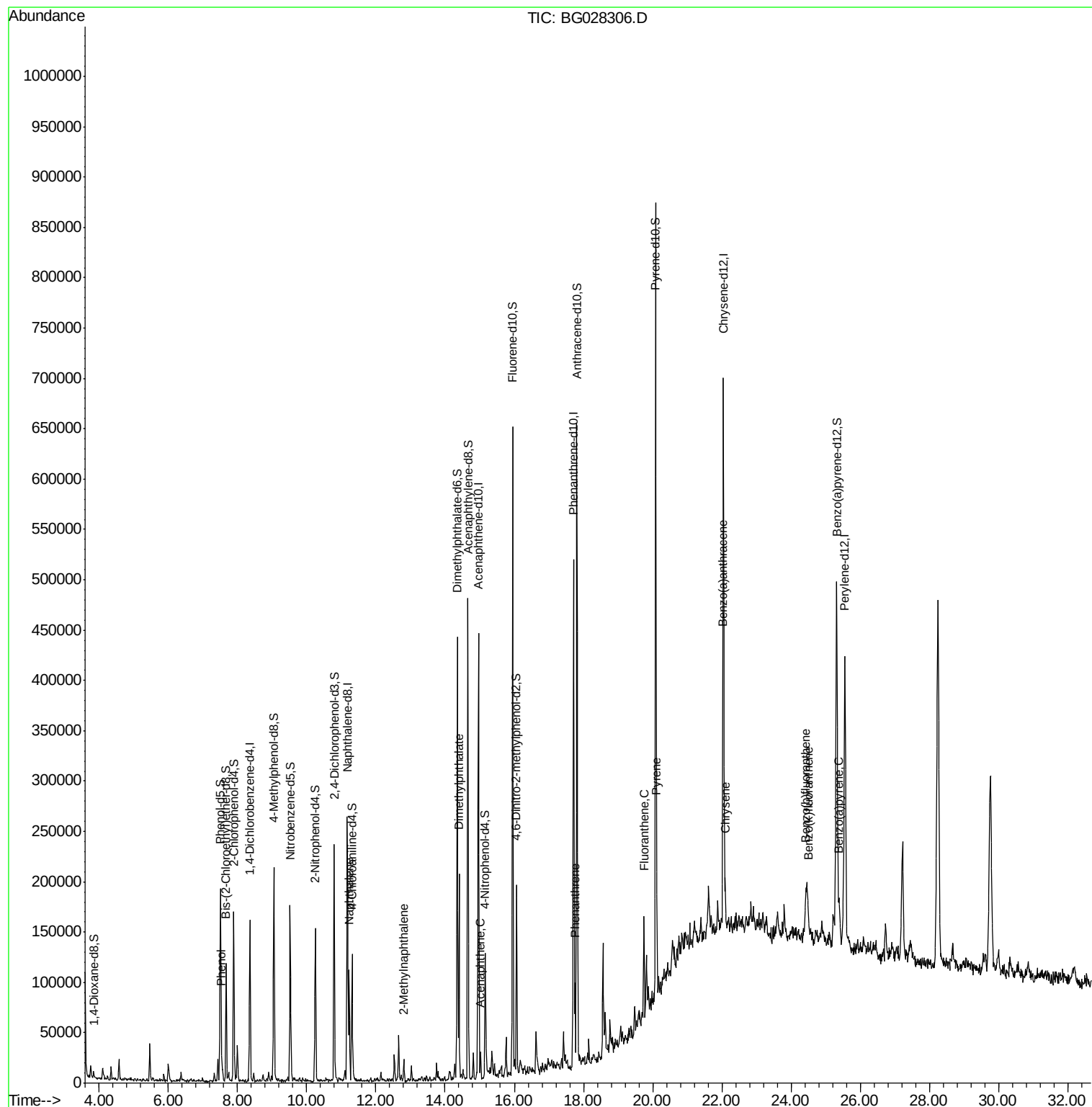
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028306.D
Acq On : 12 Aug 2017 2:12
Operator : SJ/JU
Sample : I4521-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

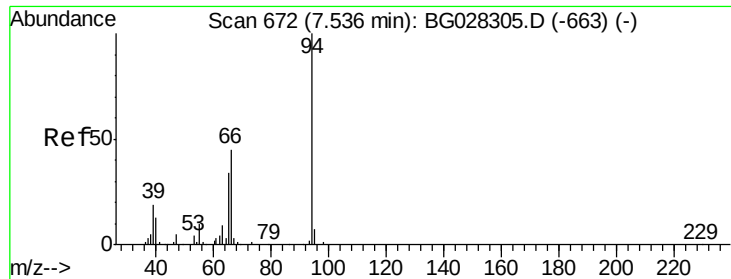
Instrument :
BNA_G
ClientSampleId :
BC8C1

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Quant Time: Aug 12 04:13:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.856 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

Instrument :

BNA_G

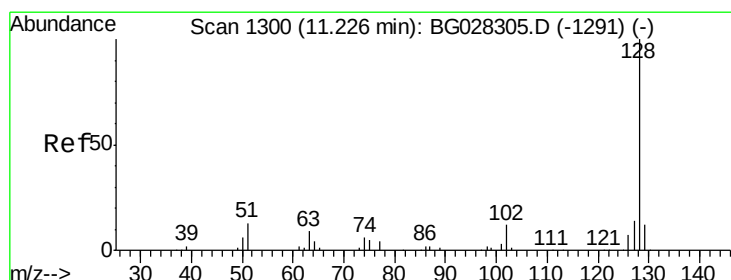
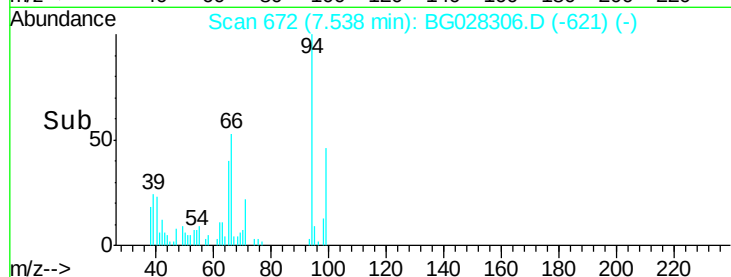
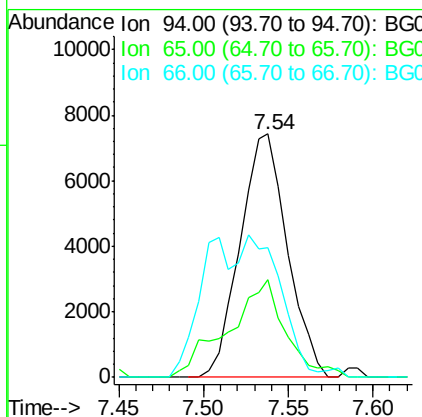
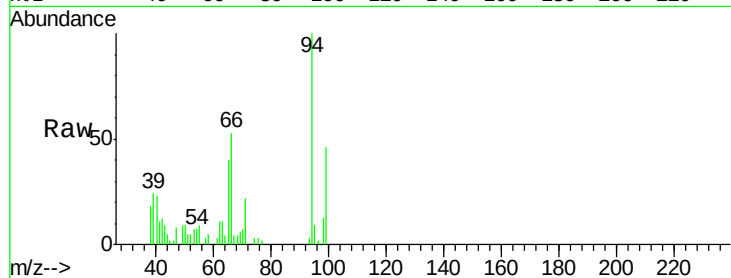
ClientSampled :

BC8C1

Tgt Ion:	94	Resp:	14393
Ion Ratio	Lower	Upper	
94	100		
65	40.3	26.8	40.2#
66	53.4	44.4	66.6

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#28

Naphthalene

Concen: 7.988 ng/ul

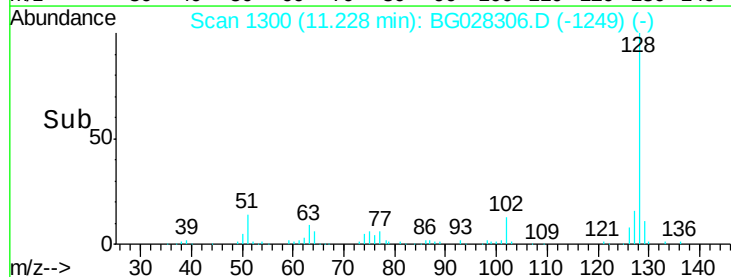
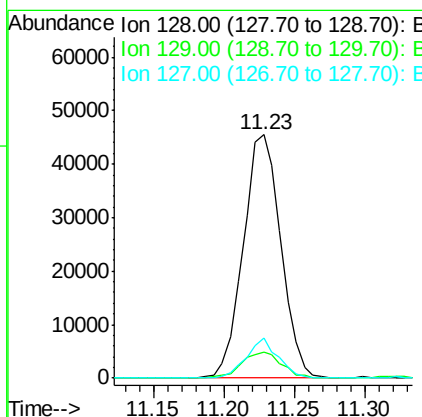
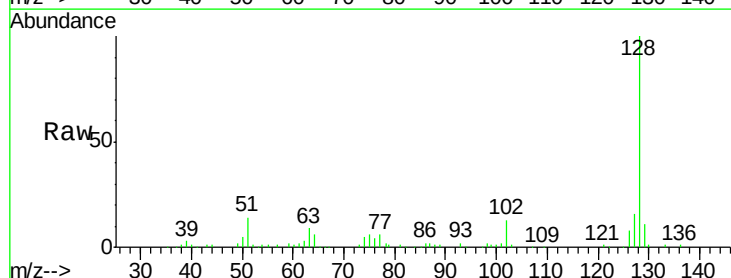
RT: 11.23 min Scan# 1300

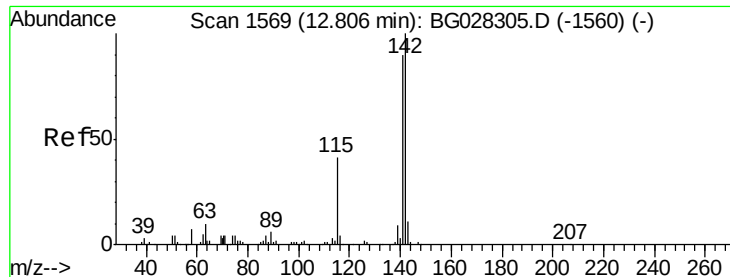
Delta R.T. 0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

Tgt Ion:	128	Resp:	84835
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.2
127	16.5	10.3	15.5#





#34

2-Methylnaphthalene

Concen: 1.172 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

Instrument :

BNA_G

ClientSampleId :

BC8C1

Tgt Ion:142 Resp: 9994

Ion Ratio Lower Upper

142 100

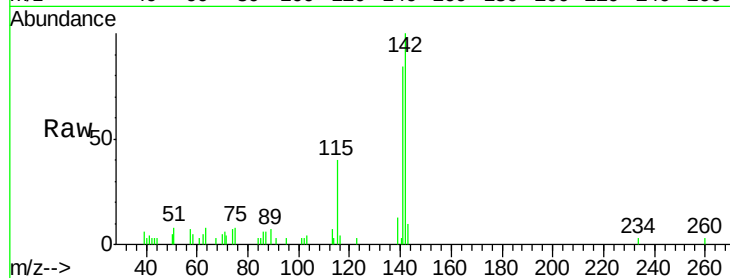
141 84.3 68.6 102.8

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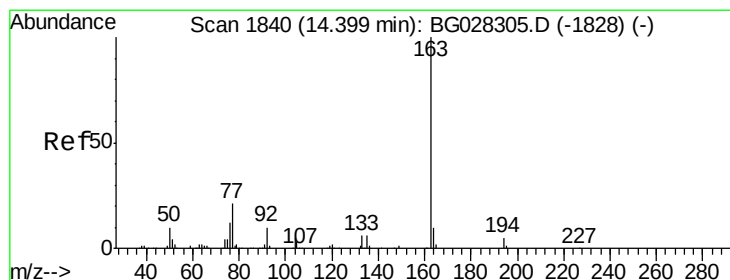
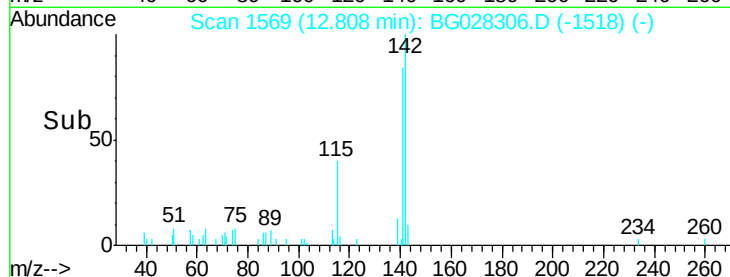
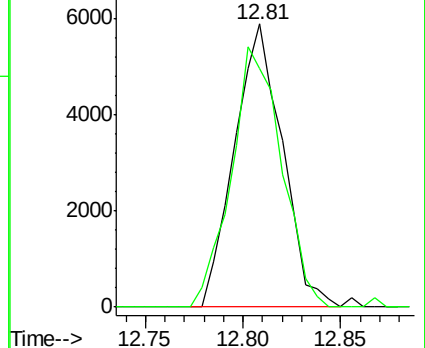
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 10.510 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

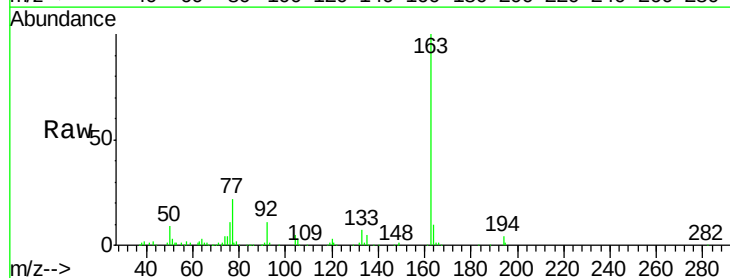
Tgt Ion:163 Resp: 131090

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

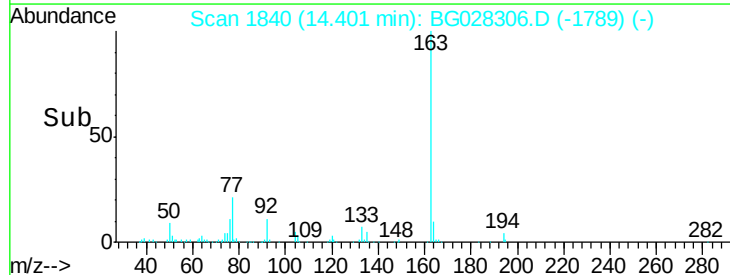
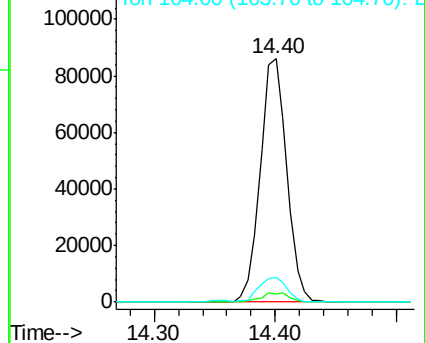
164 10.2 9.0 13.4

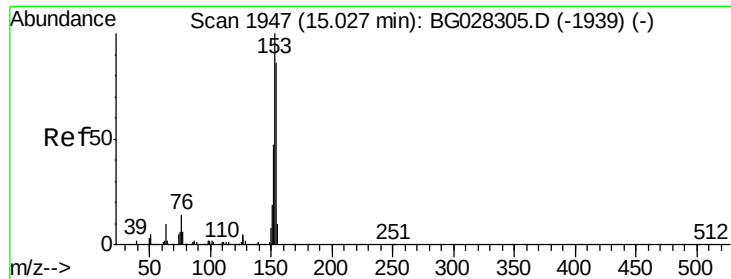


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.037 ng/ul

RT: 15.02 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

Instrument :

BNA_G

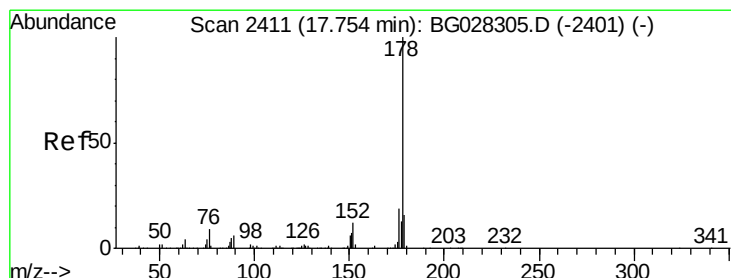
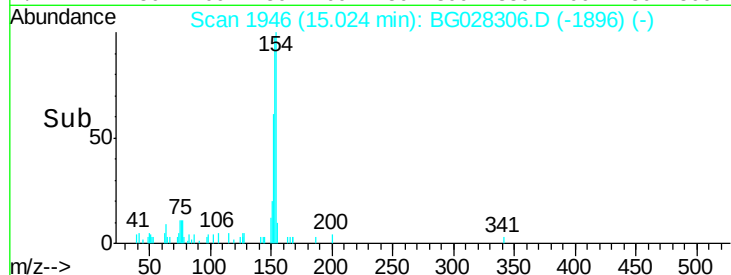
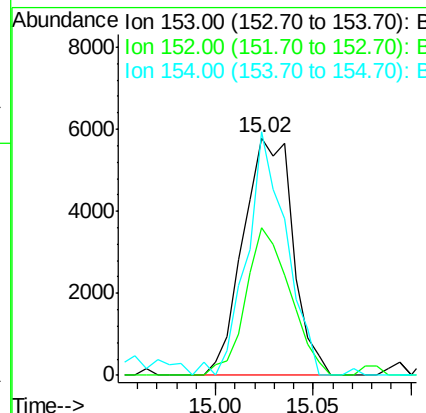
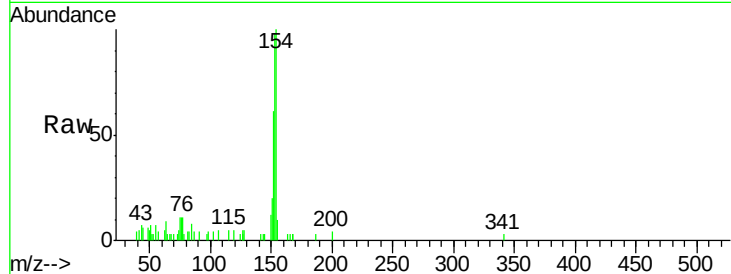
ClientSampleId :

BC8C1

Tgt Ion:	153	Resp:	10208
Ion Ratio	Lower	Upper	
153	100		
152	62.0	36.5	54.7#
154	102.4	72.3	108.5

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#69

Phenanthrene

Concen: 3.078 ng/ul

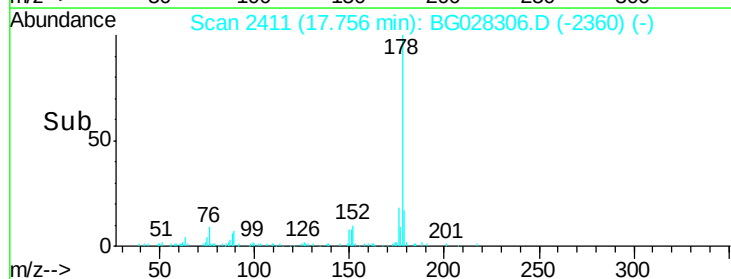
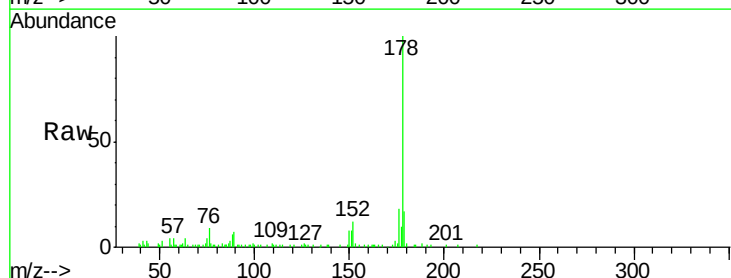
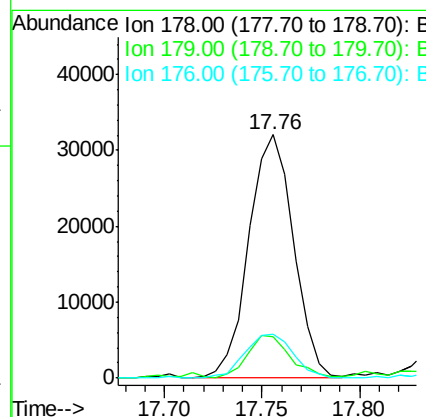
RT: 17.76 min Scan# 2411

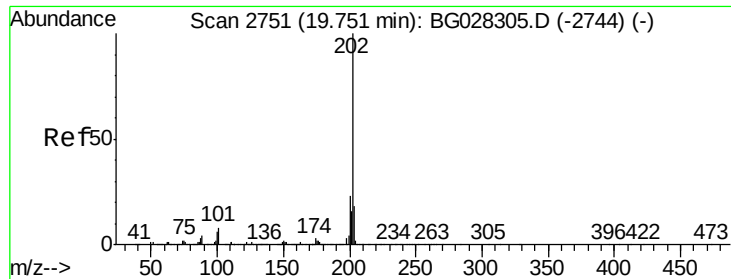
Delta R.T. 0.00 min

Lab File: BG028306.D

Acq: 12 Aug 2017 2:12

Tgt Ion:	178	Resp:	50953
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.4	18.6
176	18.3	16.5	24.7





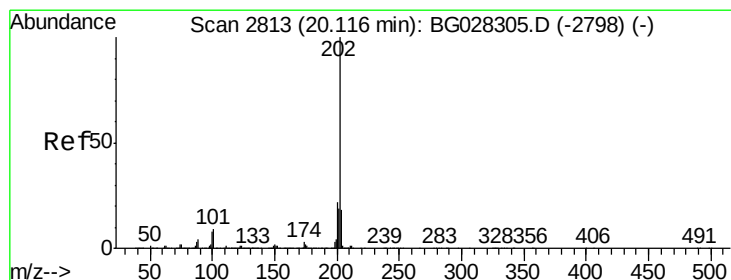
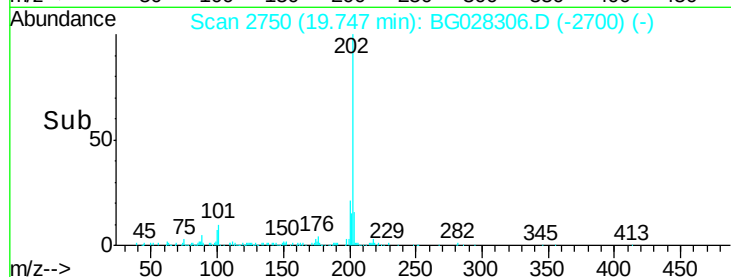
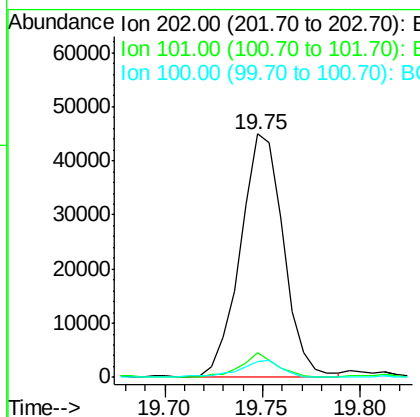
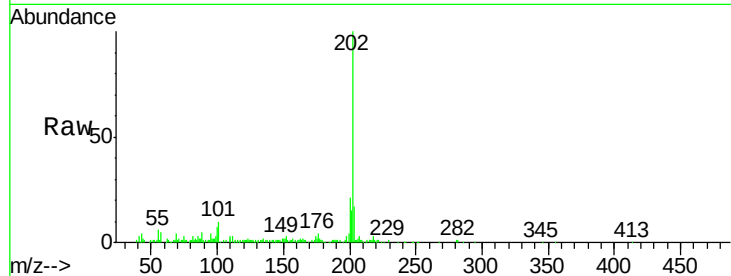
#74
Fluoranthene
Concen: 3.426 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Instrument :
BNA_G
ClientSampleId :
BC8C1

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	6.2	9.2#
100	6.5	5.2	7.8

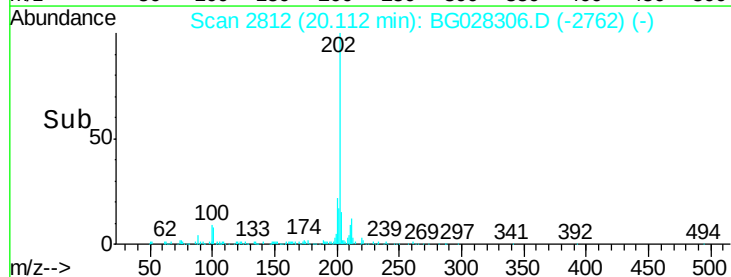
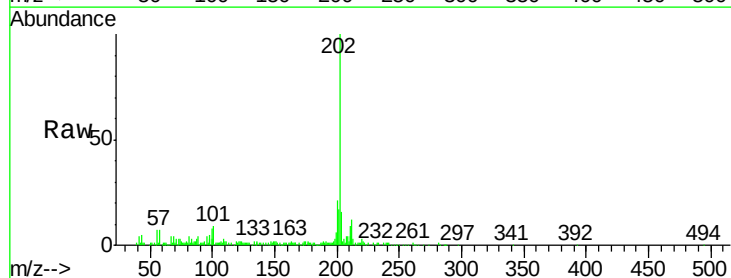
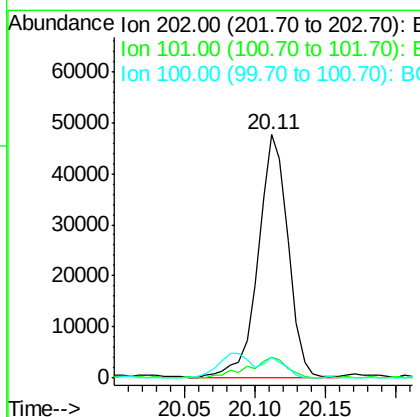
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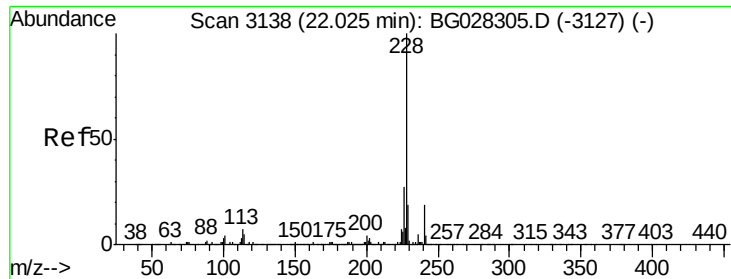
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#77
Pyrene
Concen: 3.345 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	6.9	10.3
100	8.4	6.6	10.0





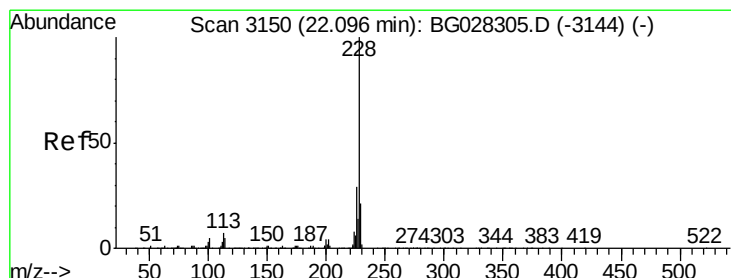
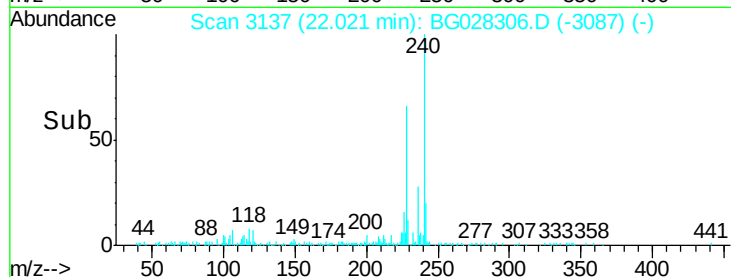
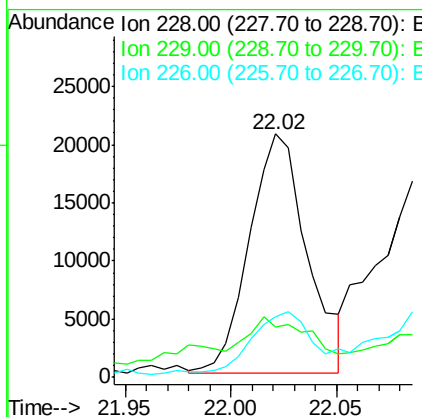
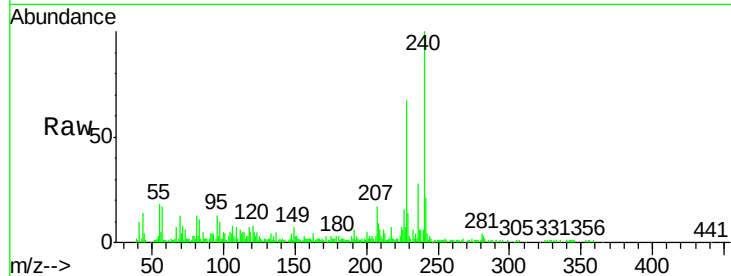
#80
Benzo(a)anthracene
Concen: 1.919 ng/ul
RT: 22.02 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Instrument :
BNA_G
ClientSampled :
BC8C1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	39328		
229	20.6	16.3	24.5	
226	24.7	21.9	32.9	

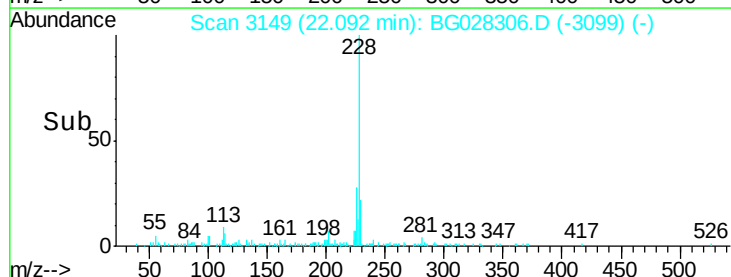
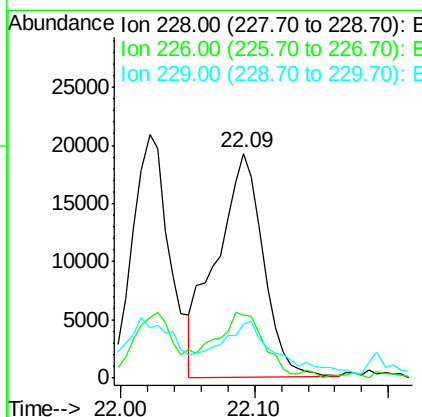
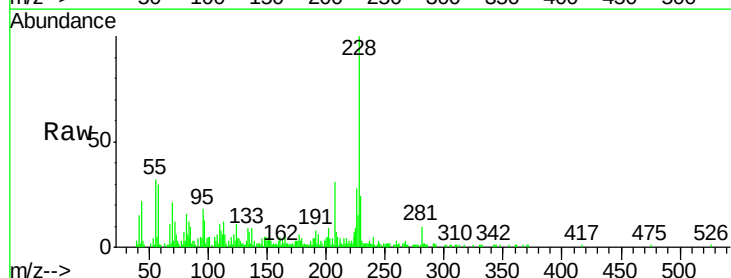
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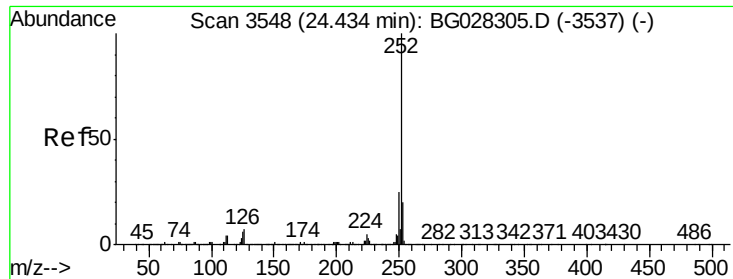
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#82
Chrysene
Concen: 2.537 ng/ul
RT: 22.09 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46828		
226	27.9	24.0	36.0	
229	24.0	16.9	25.3	





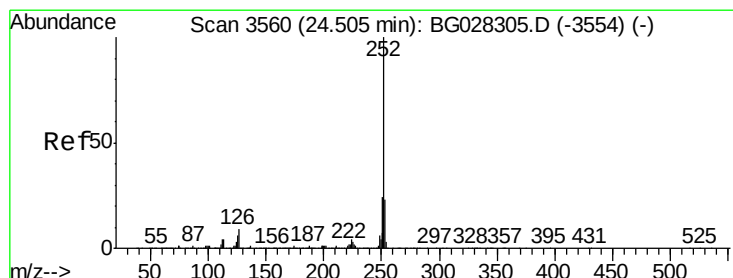
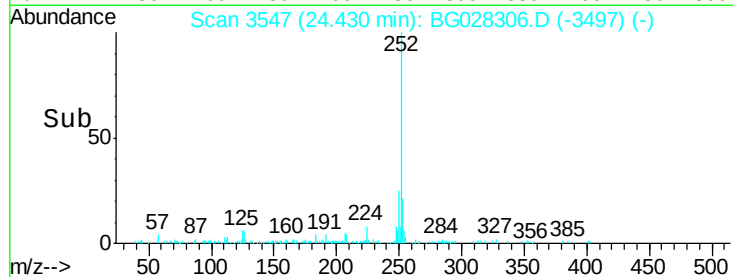
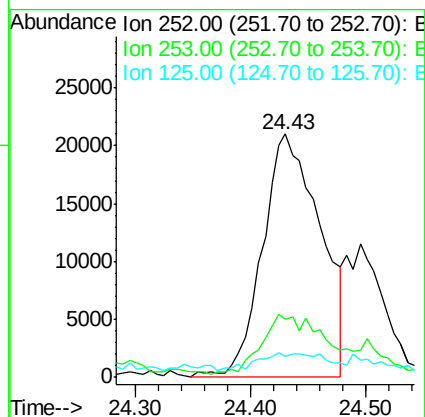
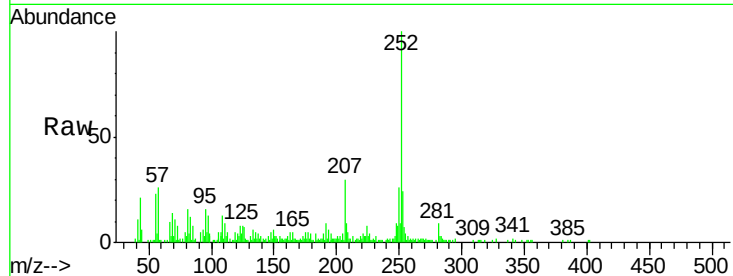
#85
Benzo(b)fluoranthene
Concen: 3.494 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. -0.00 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Instrument :
BNA_G
ClientSampleId :
BC8C1

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.7	26.5
125	8.4	4.0	6.0#

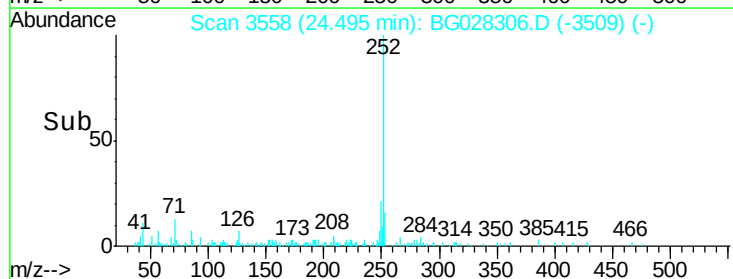
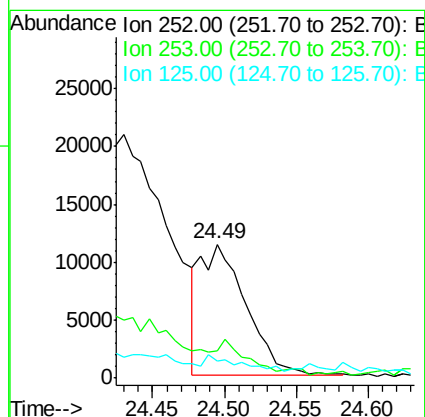
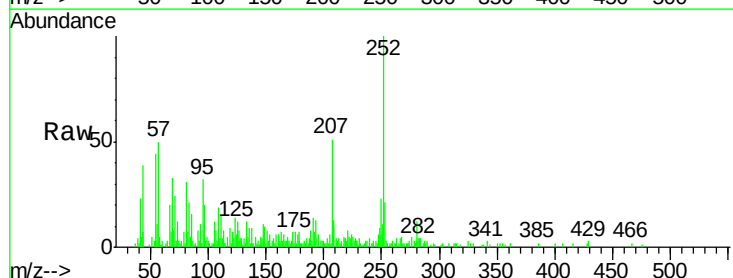
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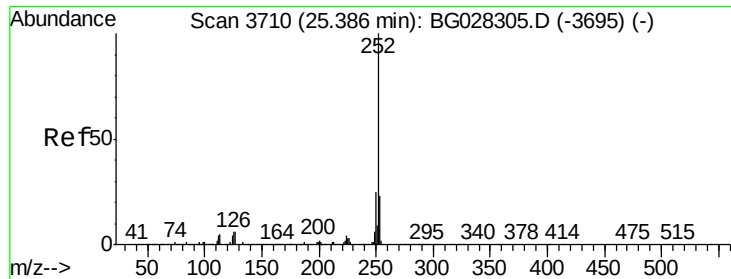
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#86
Benzo(k)fluoranthene
Concen: 1.236 ng/ul m
RT: 24.49 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG028306.D
Acq: 12 Aug 2017 2:12

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	20.8	18.5	27.7
125	12.4	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 2.332 ng/ul

RT: 25.39 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG028306.D

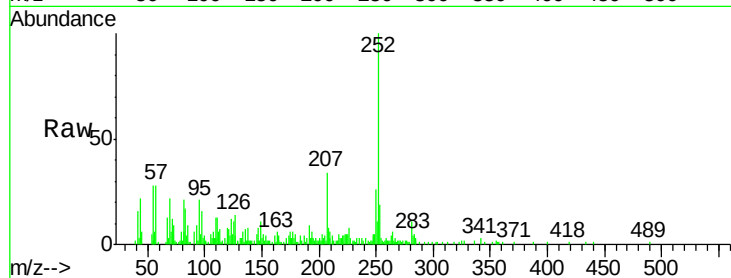
Acq: 12 Aug 2017 2:12

Instrument :

BNA_G

ClientSampleId :

BC8C1



Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		47431		
253	19.5	17.8	26.6		
125	11.0	5.4	8.0		

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