

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028474.D
 Acq On : 25 Aug 2017 00:05
 Operator : SJ/JU
 Sample : I4840-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN8

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:55 PM

Quant Time: Aug 25 04:21:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	31509	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	135922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	100032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	266686	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	311405	20.00	ng/ul	0.00
83) Perylene-d12	25.52	264	309944	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	949	1.40	ng/uL	0.00
5) Phenol-d5	7.49	99	26388	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	19481	8.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	21692	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	15435	5.34	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	10820	10.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	13743	11.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	23895	9.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	26069	9.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	91699	10.31	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	102150	10.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	11820	8.36	ng/ul	0.01
57) Fluorene-d10	15.93	176	79958	10.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	14011	8.09	ng/ul	0.00
70) Anthracene-d10	17.80	188	139835	10.93	ng/ul	0.00
76) Pyrene-d10	20.07	212	183667	11.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	170637	11.76	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.52	94	3762	1.094	ng/ul 90
44) Dimethylphthalate	14.38	163	42570	5.197	ng/ul# 95
69) Phenanthrene	17.74	178	16190	1.206	ng/ul# 90
74) Fluoranthene	19.74	202	33908	2.079	ng/ul# 94
77) Pyrene	20.10	202	32542	1.752	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.86	149	13001	1.313	ng/ul 95
82) Chrysene	22.07	228	18832	1.162	ng/ul 97
85) Benzo(b)fluoranthene	24.40	252	21627m	1.166	ng/ul

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

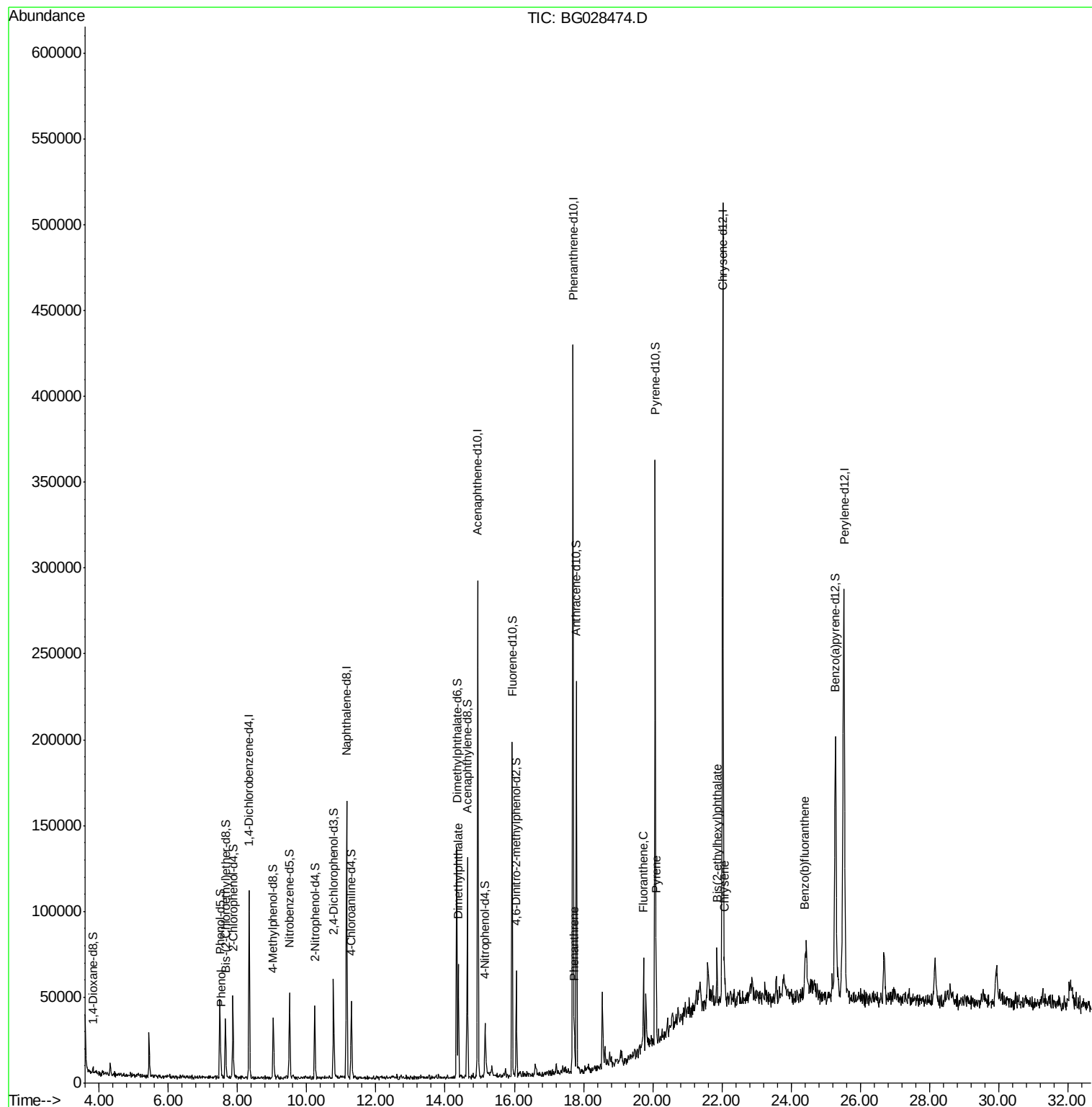
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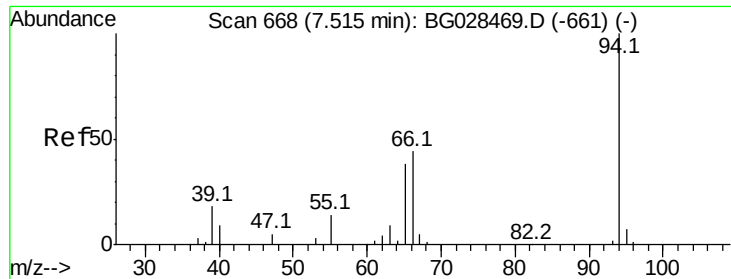
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 25 04:21:42 2017
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#6

Phenol

Concen: 1.094 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

ClientSampled :

B0AN8

Tot Ion: 94 Resp: 3762

Ion Ratio Lower Upper

94 100

65 28.9 26.8 40.2

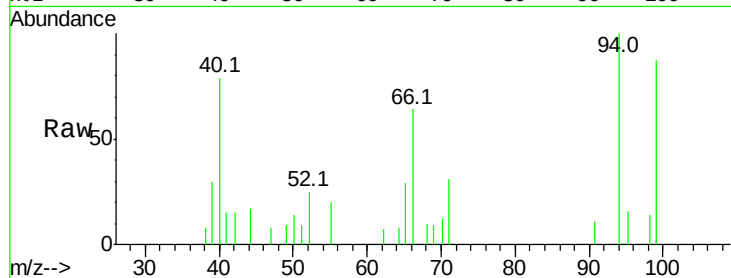
66 64.2 44.4 66.6

Manual Integrations

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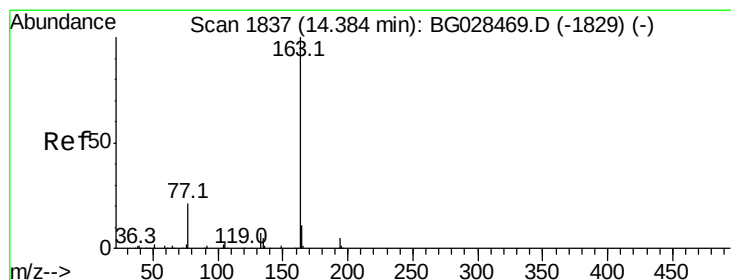
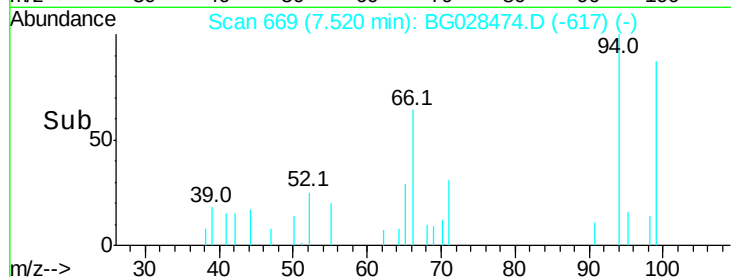
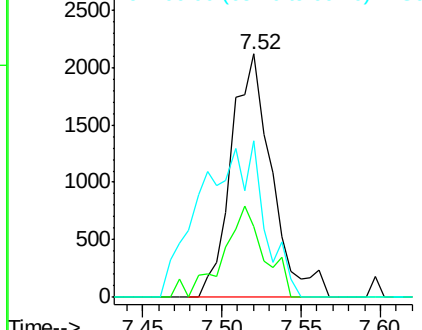
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Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 5.197 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

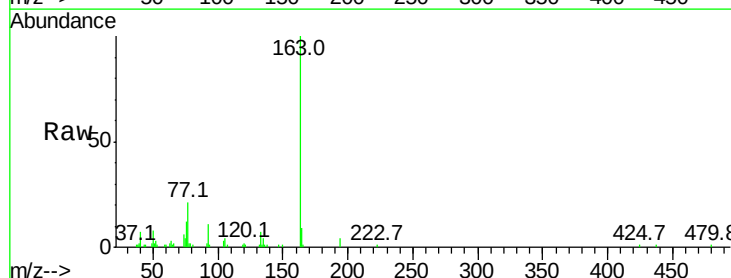
Tgt Ion:163 Resp: 42570

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

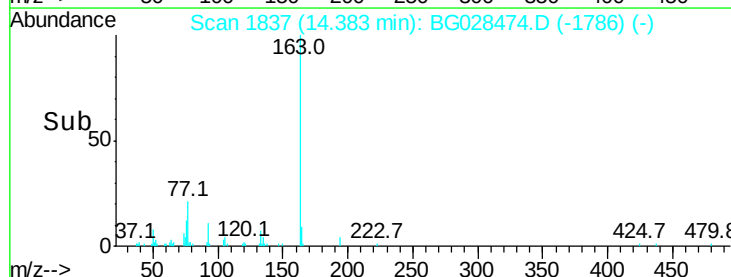
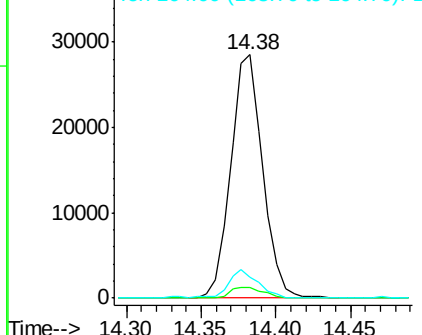
164 8.6 9.0 13.4#

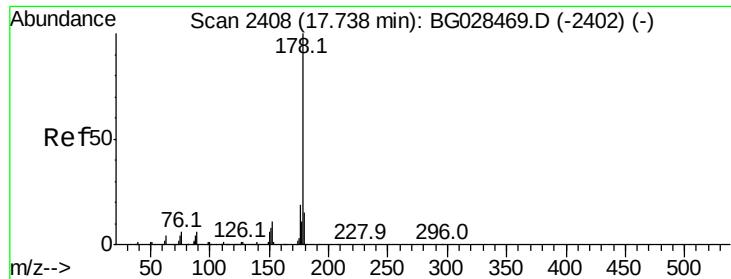


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.206 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

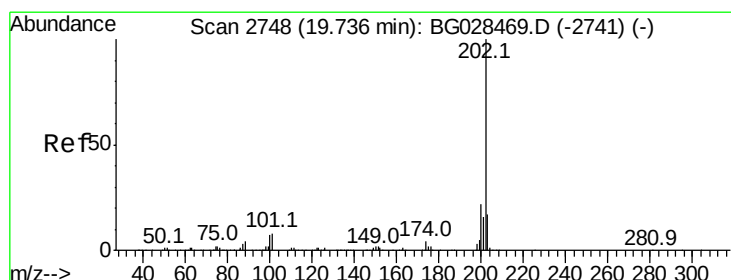
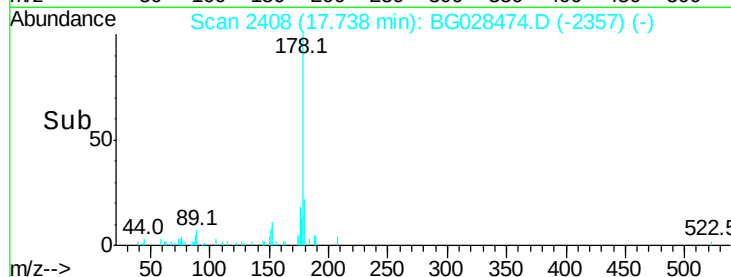
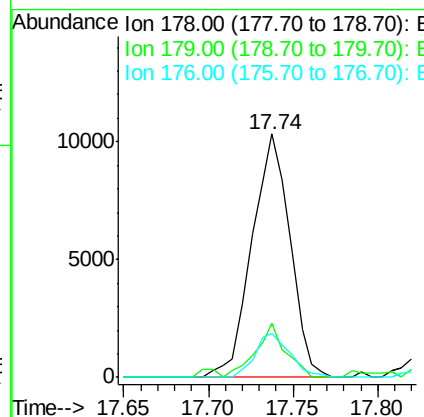
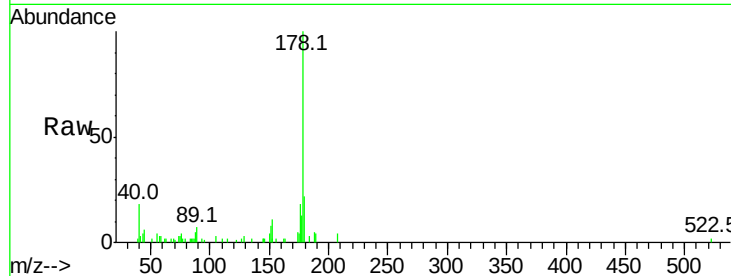
ClientSampled :

B0AN8

Tot Ion:	178	Resp:	16190
Ion Ratio	Lower	Upper	
178	100		
179	22.0	12.4	18.6#
176	17.9	16.5	24.7

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#74

Fluoranthene

Concen: 2.079 ng/ul

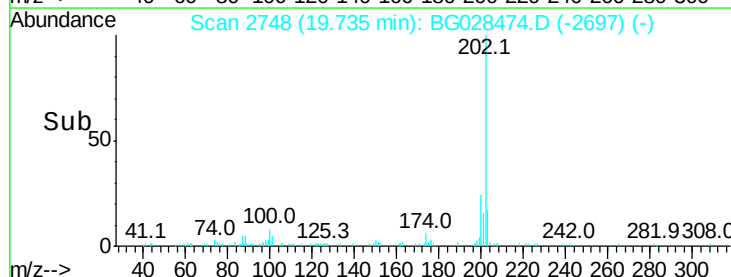
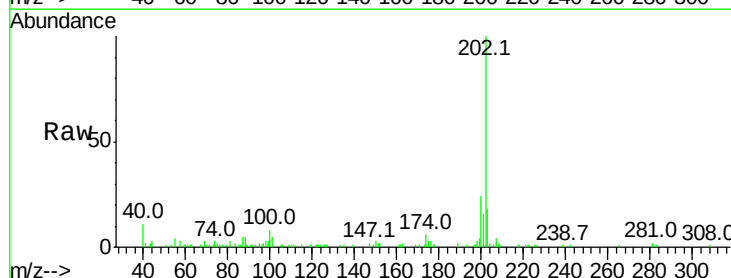
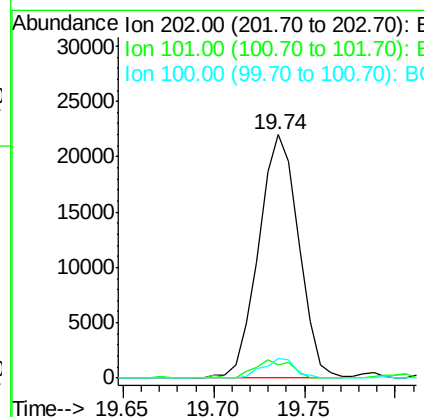
RT: 19.74 min Scan# 2748

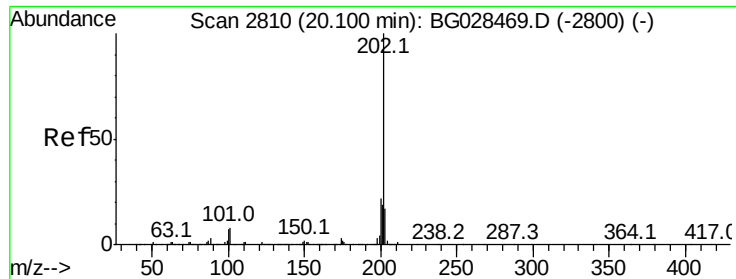
Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Tgt Ion:	202	Resp:	33908
Ion Ratio	Lower	Upper	
202	100		
101	5.3	6.2	9.2#
100	7.9	5.2	7.8#





#77

Pvrene

Concen: 1.752 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

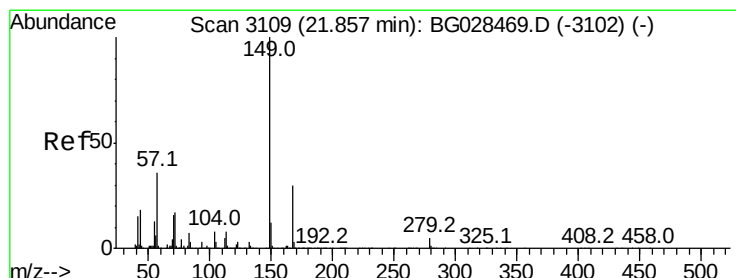
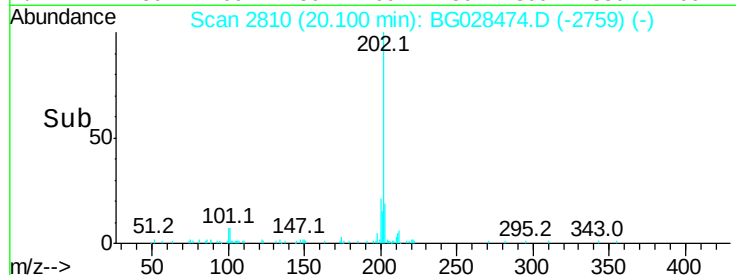
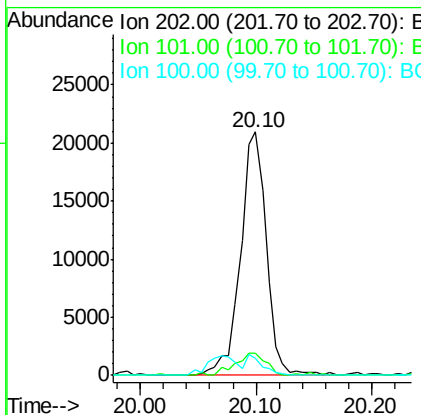
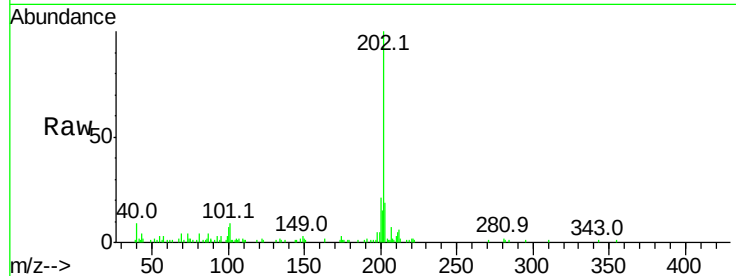
ClientSampleId :

B0AN8

Tot Ion:	202	Resp:	32542
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	7.3	6.6	10.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.313 ng/ul

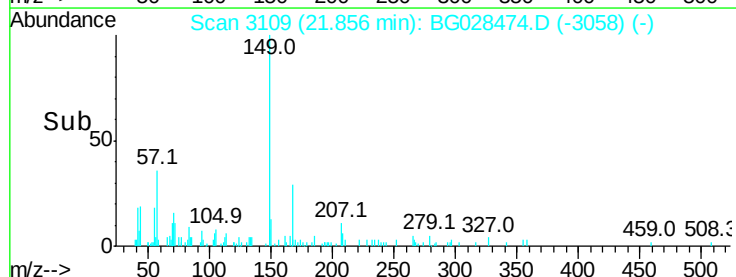
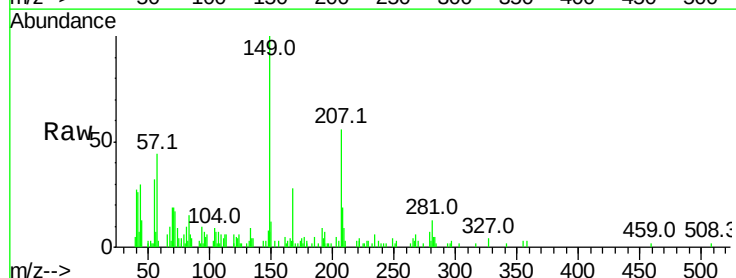
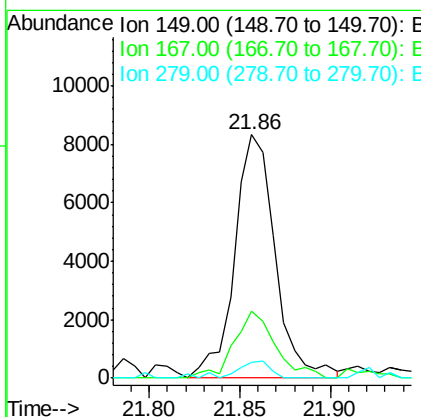
RT: 21.86 min Scan# 3109

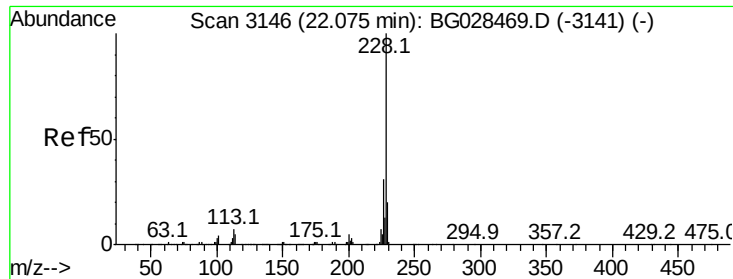
Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Tgt Ion:	149	Resp:	13001
Ion Ratio	Lower	Upper	
149	100		
167	30.3	21.8	32.8
279	6.6	4.5	6.7





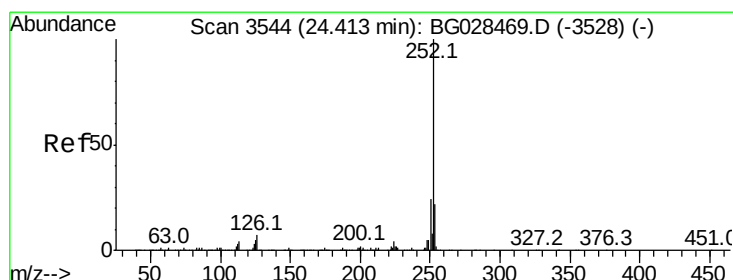
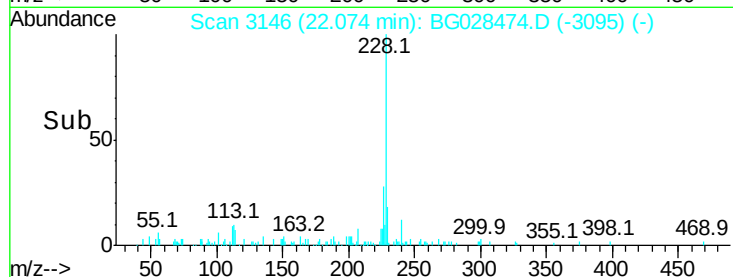
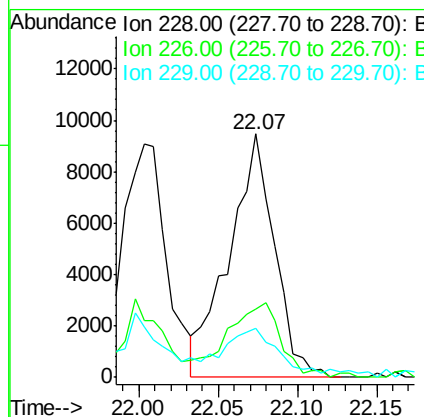
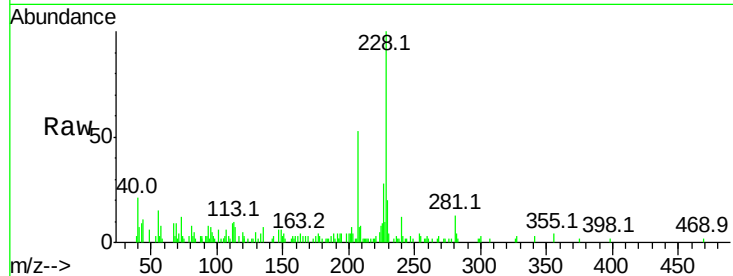
#82
Chrysene
Concen: 1.162 ng/ul
RT: 22.07 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG028474.D
Acq: 25 Aug 2017 00:05

Instrument :
BNA_G
ClientSampleId :
B0AN8

Tot Ion	Ratio	Resp	Lower	Upper
228	100	18832		
226	28.1		24.0	36.0
229	20.0		16.9	25.3

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#85
Benzo(b)fluoranthene
Concen: 1.166 ng/ul m
RT: 24.40 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG028474.D
Acq: 25 Aug 2017 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	21627		
253	29.0		17.7	26.5#
125	7.7		4.0	6.0#

