

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020274.D
 Acq On : 18 Dec 2015 14:19
 Operator : UM/SJ
 Sample : G4767-07DL2 30X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N29DL2

Manual Integrations
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Quant Time: Dec 21 09:36:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 23:45:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	66591	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	50039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129044	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	160551	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	139484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	688	0.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	330	0.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	628	0.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	661	0.58	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	74	0.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	286	0.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	612	0.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	937	0.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	3305	0.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3717	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3296	0.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	5493m	0.92	ng/ul	0.00
79) Pyrene-d10	19.85	212	5732	0.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	5158m	0.74	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	78931	22.70	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	42875	16.14	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	18006	4.77	ng/ul	95
50) Acenaphthene	14.79	153	79947	23.75	ng/ul	99
54) Dibenzofuran	15.12	168	84511	16.88	ng/ul	98
59) Fluorene	15.77	166	86923	21.62	ng/ul	97
70) Phenanthrene	17.51	178	404518	57.31	ng/ul	100
72) Anthracene	17.60	178	77174	10.78	ng/ul	98
75) Carbazole	17.87	167	23899	3.97	ng/ul	98
77) Fluoranthene	19.52	202	221536	26.85	ng/ul	99
80) Pyrene	19.88	202	148923	15.33	ng/ul	99
83) Benzo(a)anthracene	21.73	228	34347	3.67	ng/ul	98
85) Chrysene	21.79	228	27643	3.13	ng/ul	93
88) Benzo(b)fluoranthene	23.98	252	14350m	1.71	ng/ul	
91) Benzo(a)pyrene	24.86	252	8411m	1.06	ng/ul	

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

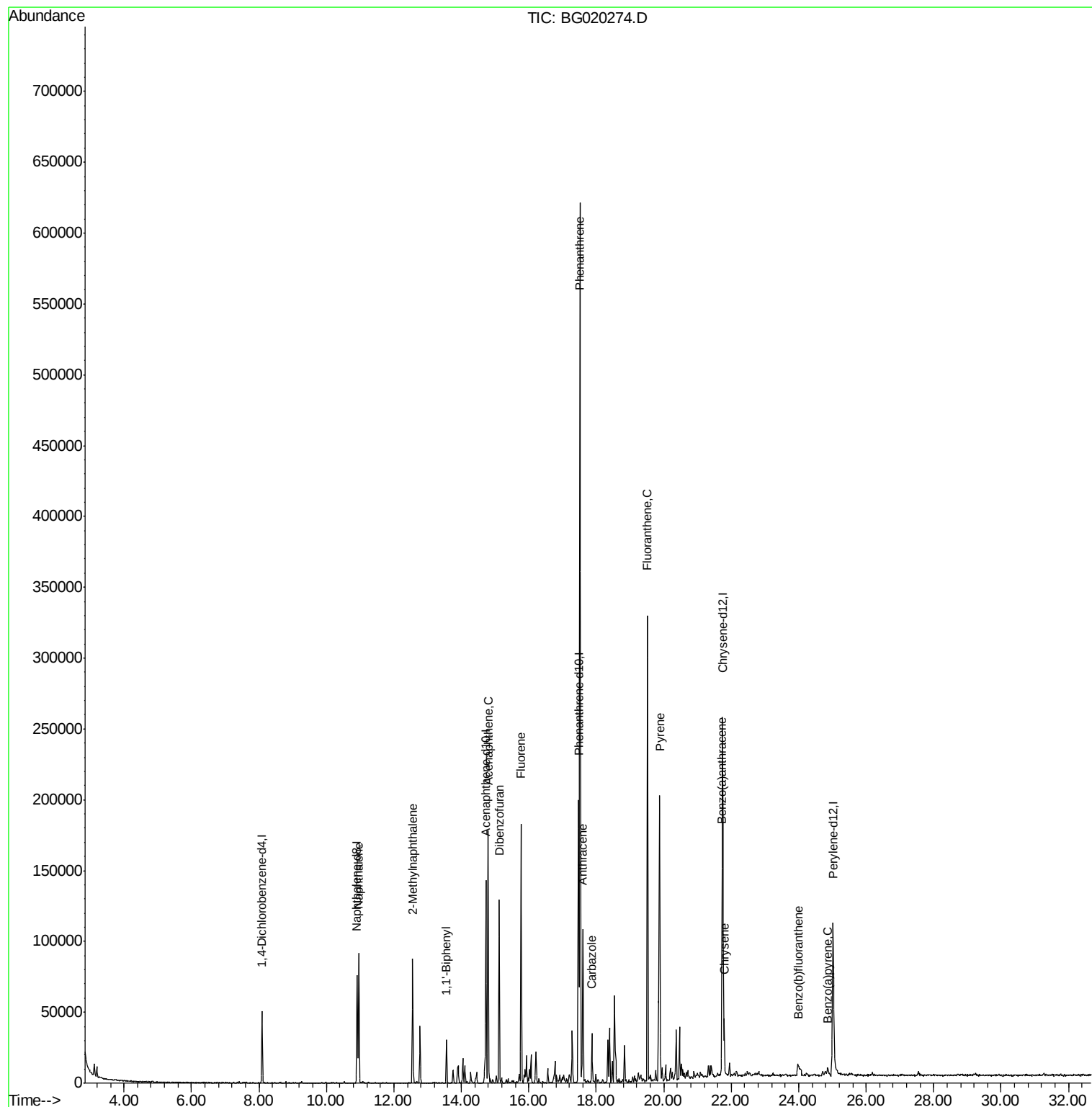
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020274.D
Acq On : 18 Dec 2015 14:19
Operator : UM/SJ
Sample : G4767-07DL2 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

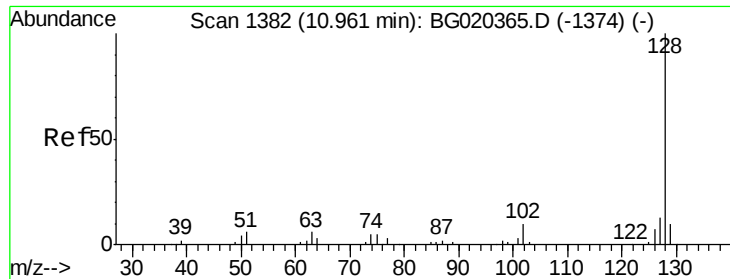
Instrument :
BNA_G
ClientSampleId :
D9N29DL2

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Quant Time: Dec 21 09:36:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





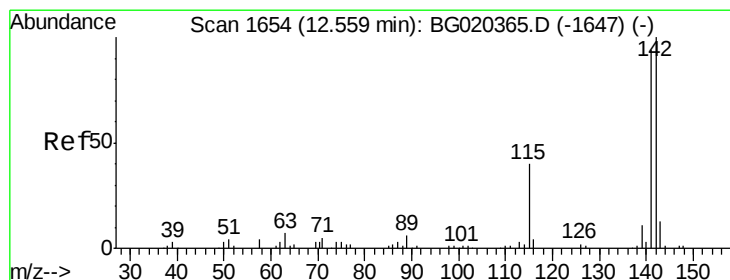
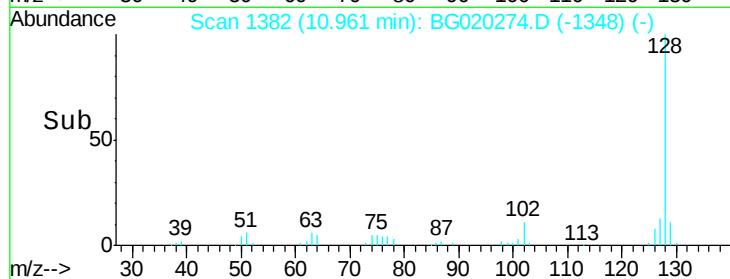
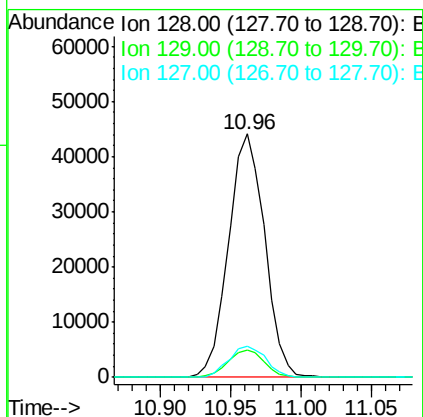
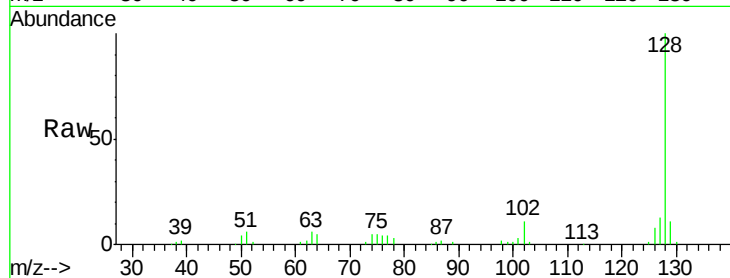
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Naphthalene
Concen: 22.70 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.0	10.1	15.1

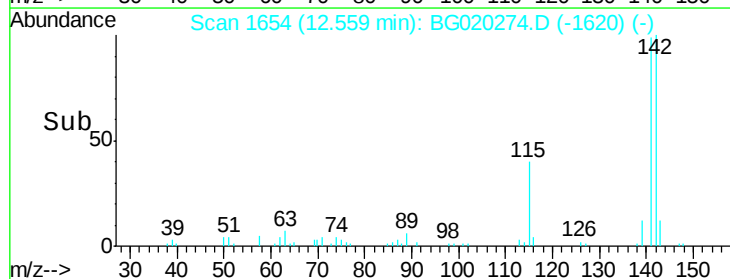
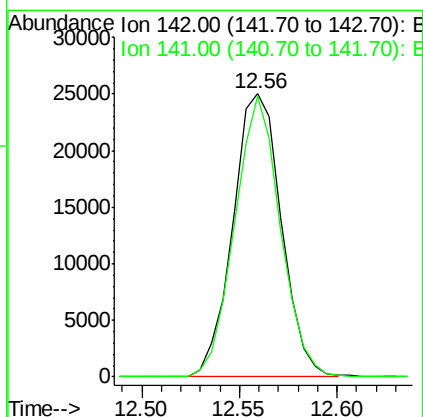
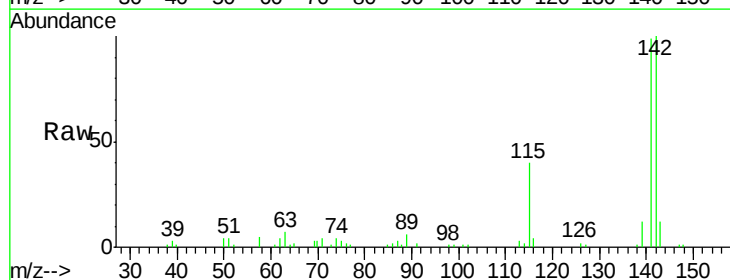
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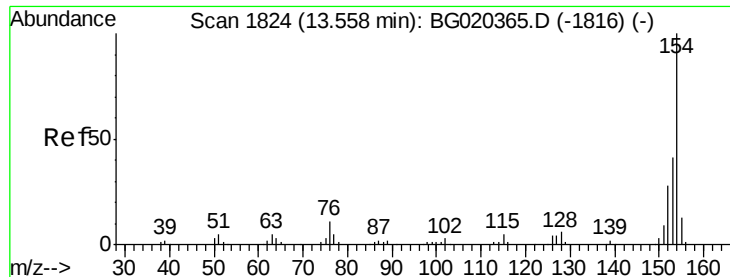
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#34
2-Methylnaphthalene
Concen: 16.14 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.0	74.9	112.3





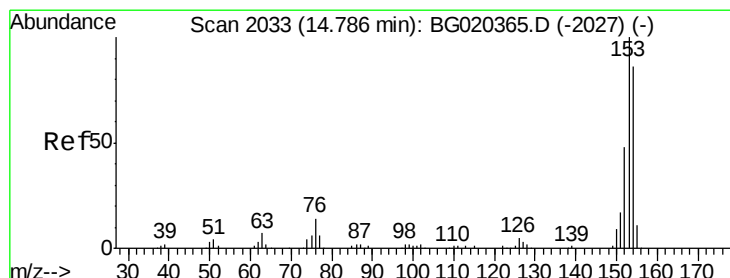
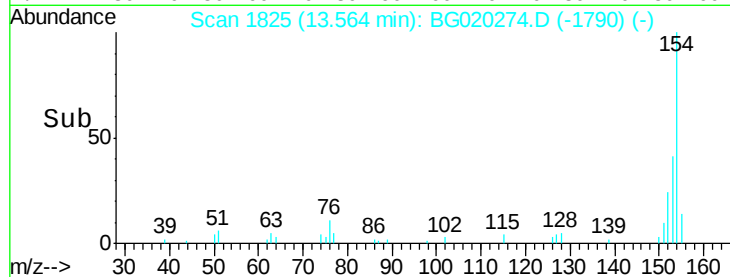
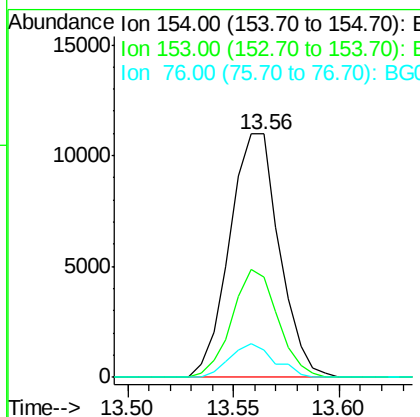
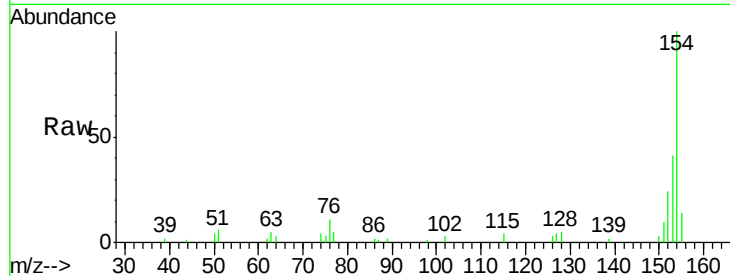
#41
 1,1'-Biphenyl
 Concen: 4.77 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020274.D
 Acq: 18 Dec 2015 14:19

Instrument :
 BNA_G
 ClientSampleId :
 D9N29DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	35.5	53.3
76	11.1	10.4	15.6

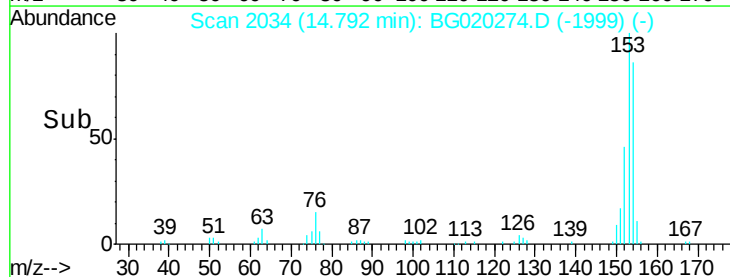
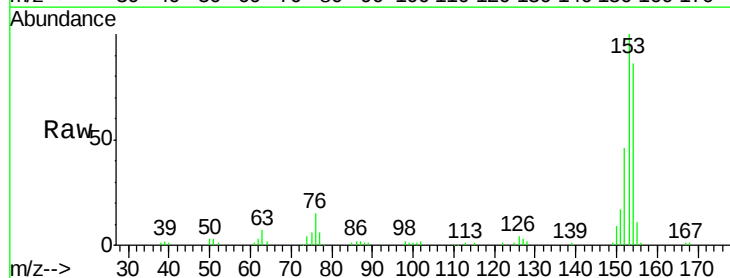
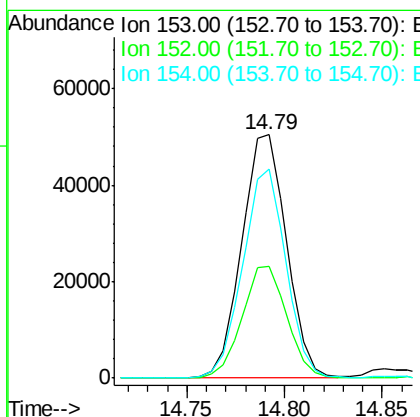
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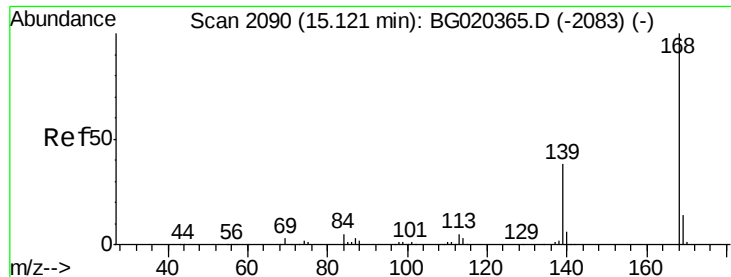
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#50
 Acenaphthene
 Concen: 23.75 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020274.D
 Acq: 18 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.6	56.4
154	86.0	67.9	101.9





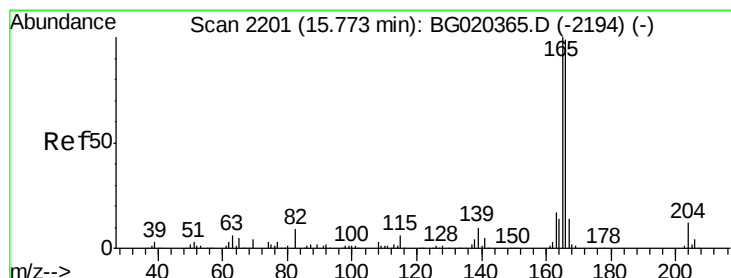
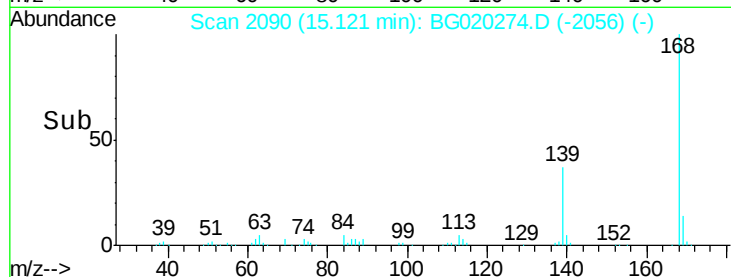
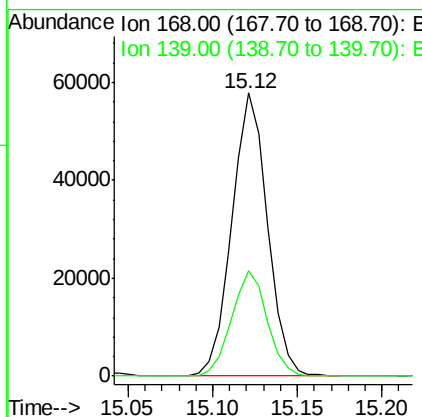
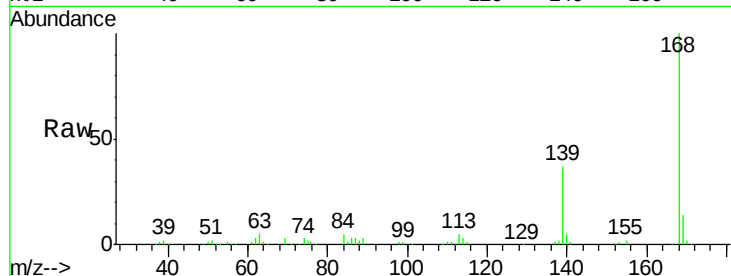
#54
Dibenzenofuran
Concen: 16.88 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7

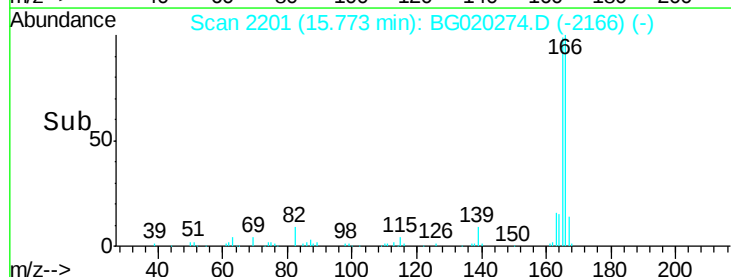
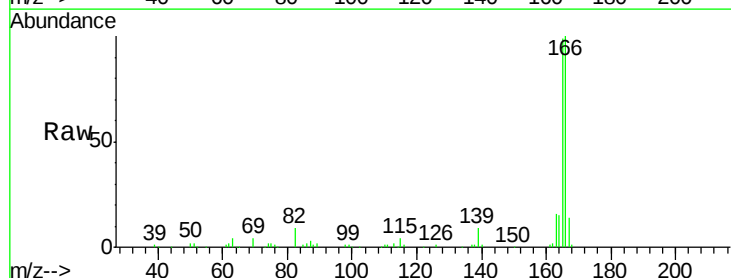
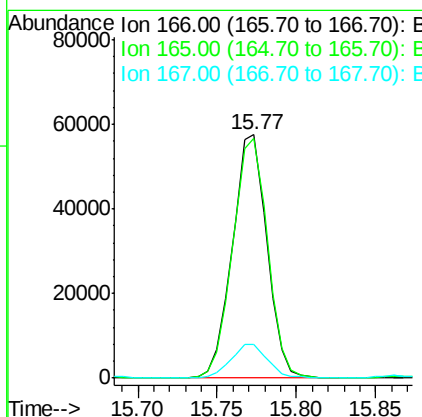
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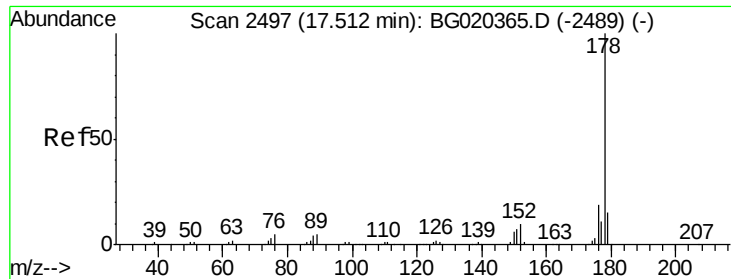
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#59
Fluorene
Concen: 21.62 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.4	122.0
167	13.7	11.2	16.8





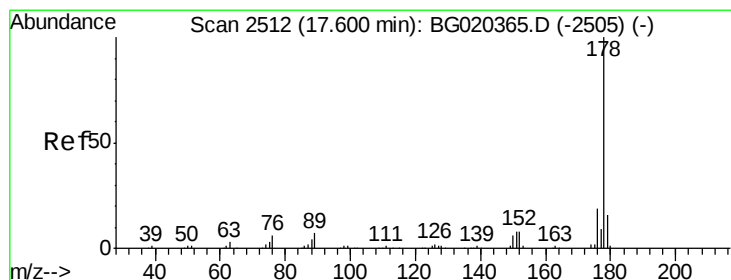
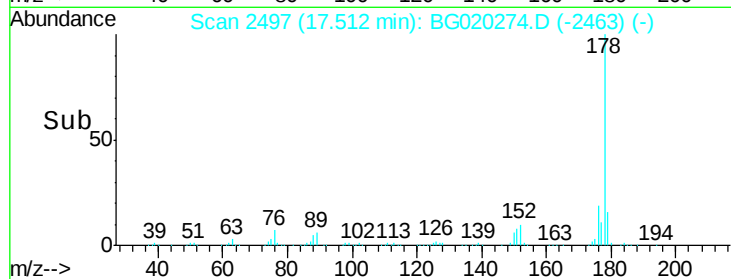
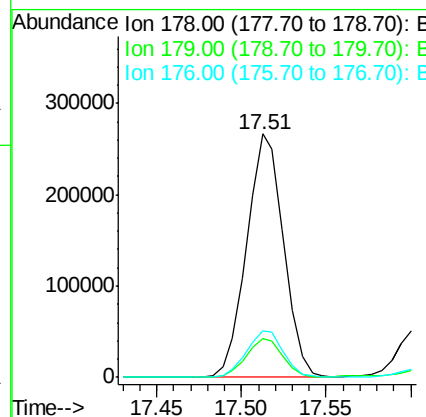
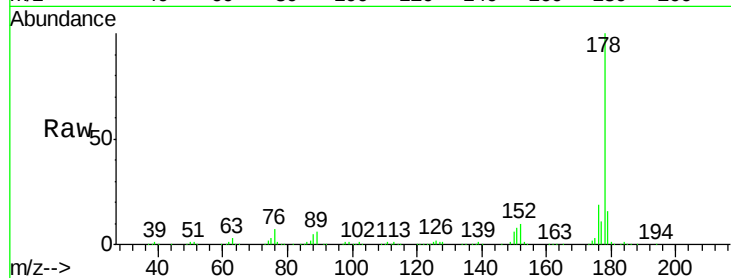
#70
 Phenanthrene
 Concen: 57.31 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG020274.D
 Acq: 18 Dec 2015 14:19

Instrument :
 BNA_G
 ClientSampleId :
 D9N29DL2

Tot Ion:	178	Resp:	404518
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	19.1	15.3	22.9

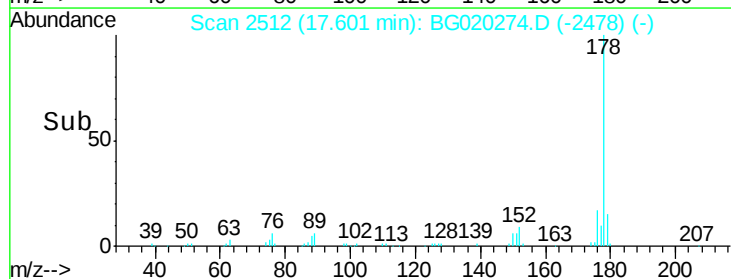
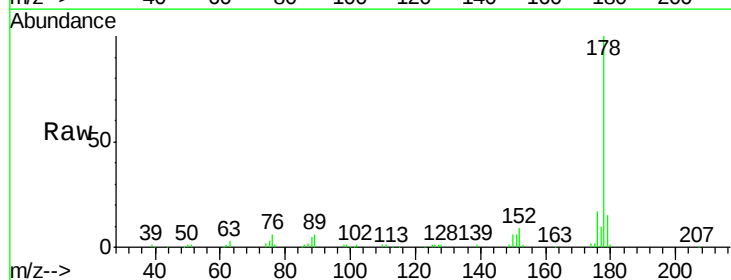
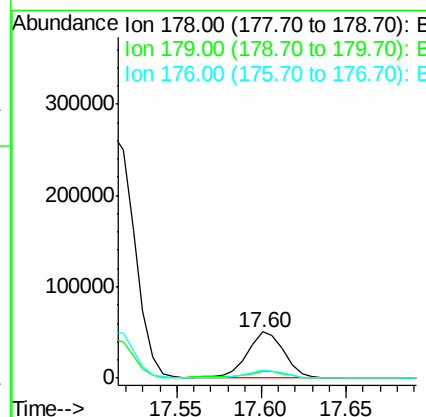
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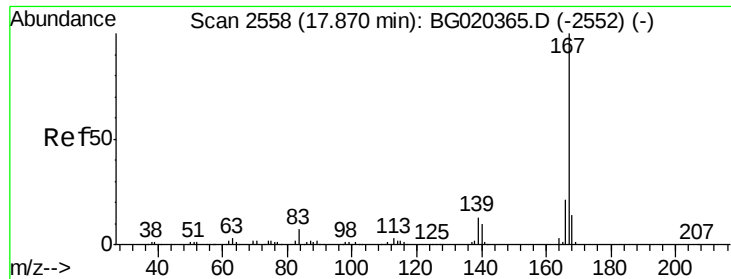
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#72
 Anthracene
 Concen: 10.78 ng/ul
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG020274.D
 Acq: 18 Dec 2015 14:19

Tgt Ion:	178	Resp:	77174
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	17.0	14.3	21.5





#75

Carbazole

Concen: 3.97 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020274.D

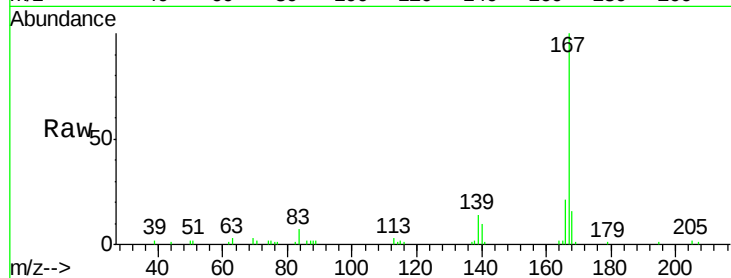
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Instrument :

BNA_G

ClientSampleId :

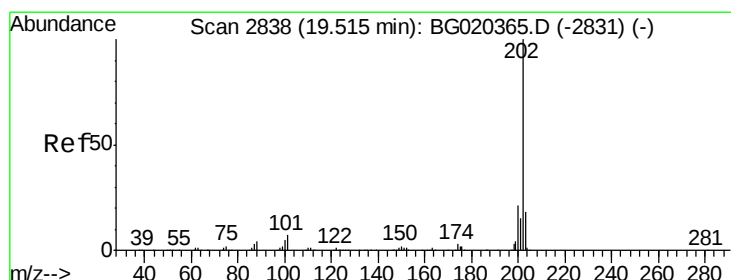
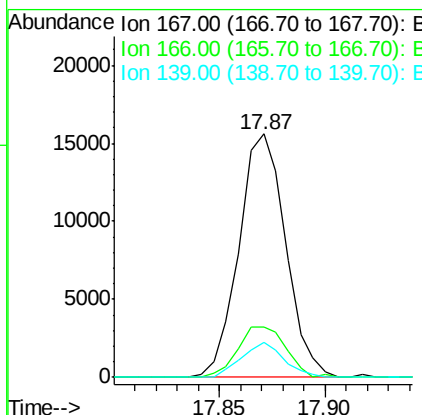
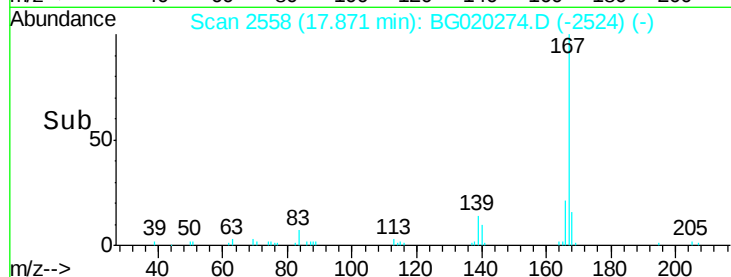
D9N29DL2



Tot Ion:	167	Resp:	23899
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.0	25.6
139	14.4	10.1	15.1

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#77

Fluoranthene

Concen: 26.85 ng/ul

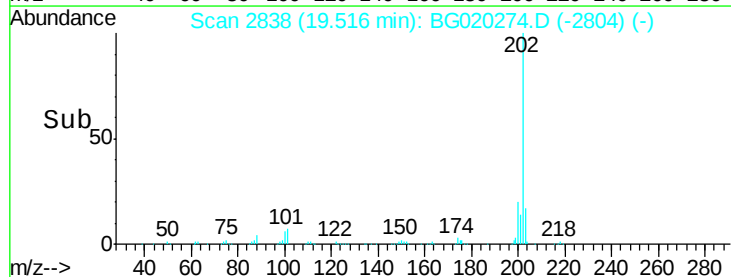
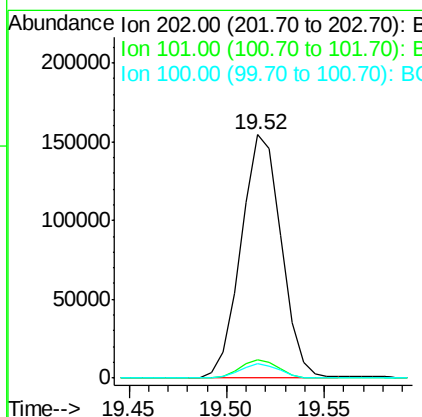
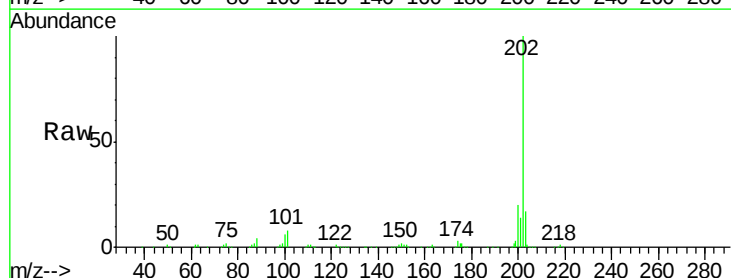
RT: 19.52 min Scan# 2838

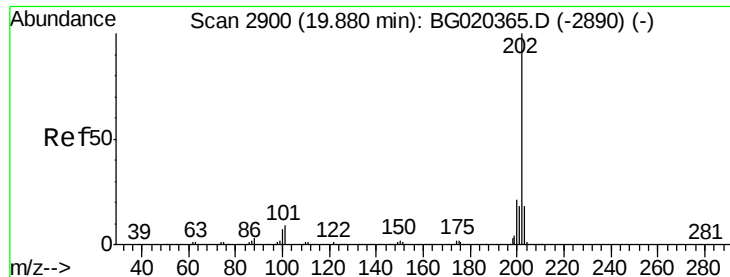
Delta R.T. -0.00 min

Lab File: BG020274.D

Acq: 18 Dec 2015 14:19

Tgt Ion:	202	Resp:	221536
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.2	9.4
100	6.0	5.1	7.7





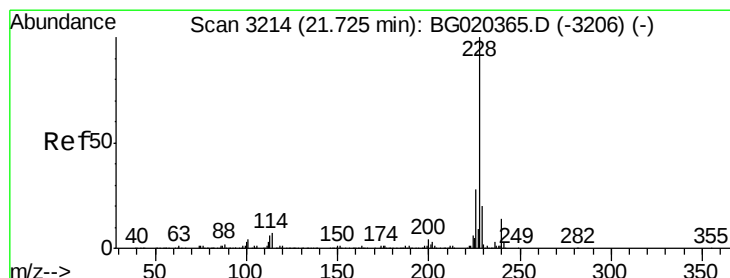
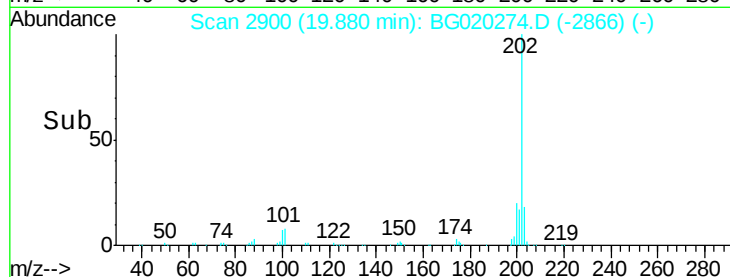
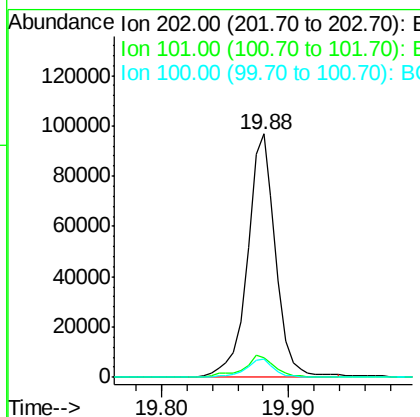
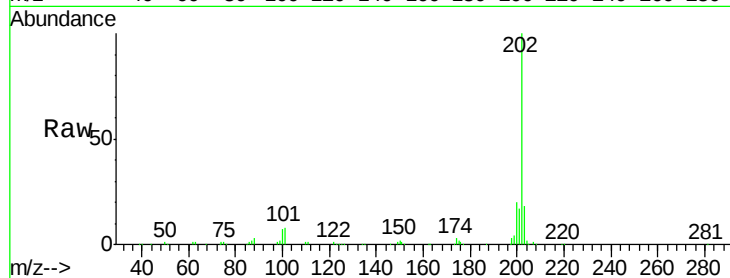
#80
Pvrene
Concen: 15.33 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Instrument :
BNA_G
ClientSampleId :
D9N29DL2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	7.0	10.4
100	7.3	6.4	9.6

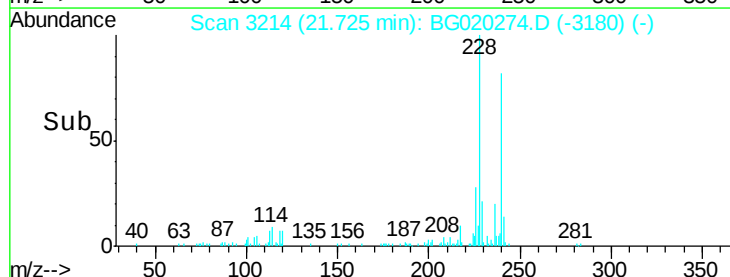
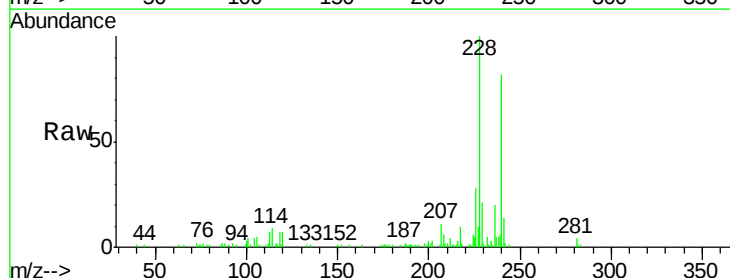
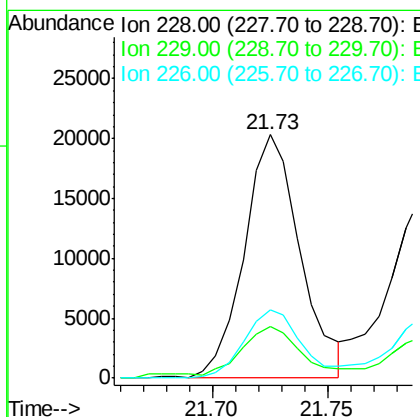
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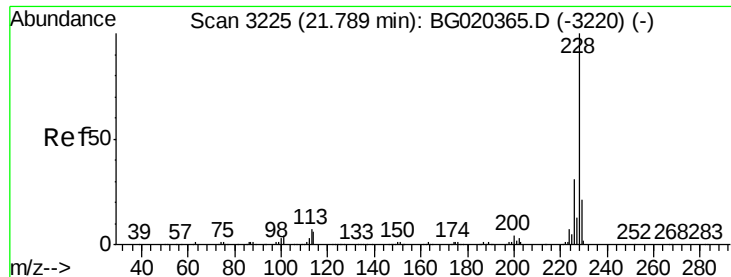
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#83
Benzo(a)anthracene
Concen: 3.67 ng/ul
RT: 21.73 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG020274.D
Acq: 18 Dec 2015 14:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.2	21.8	32.6





#85

Chrysene

Concen: 3.13 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG020274.D

Acq: 18 Dec 2015 14:19

Instrument :

BNA_G

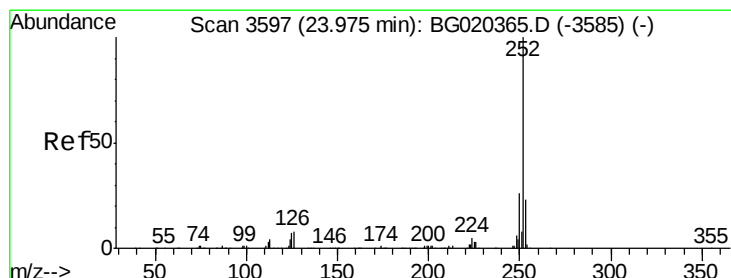
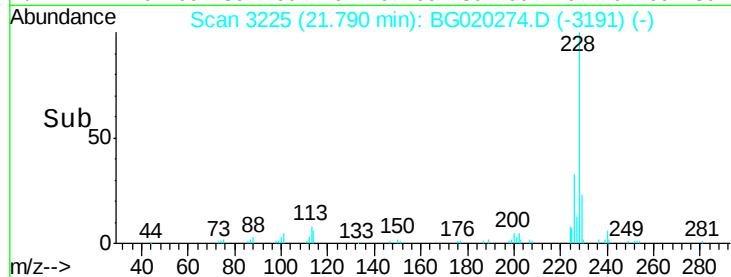
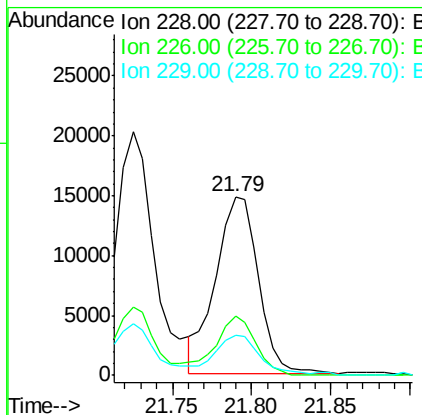
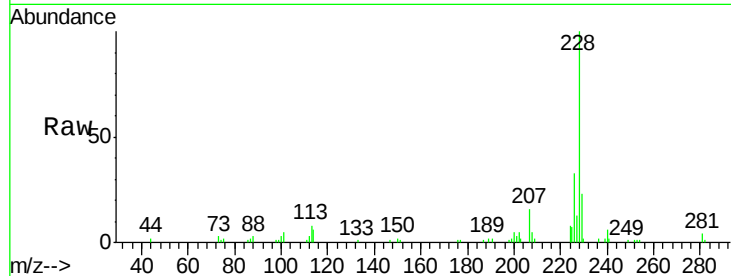
ClientSampleId :

D9N29DL2

Tot Ion:	228	Resp:	27643
Ion Ratio	Lower	Upper	
228	100		
226	33.1	23.9	35.9
229	22.8	15.6	23.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1.71 ng/ul m

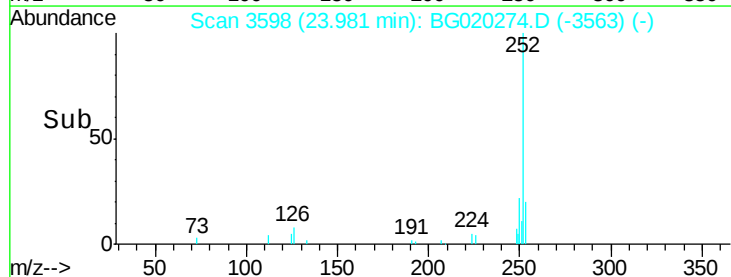
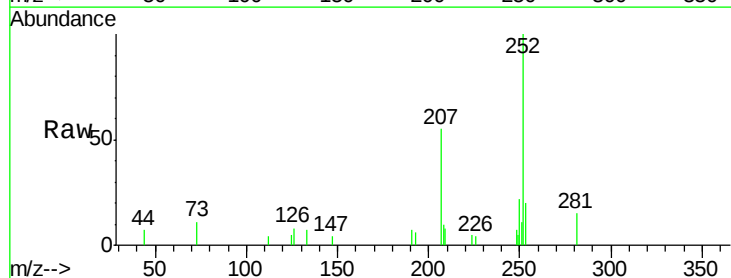
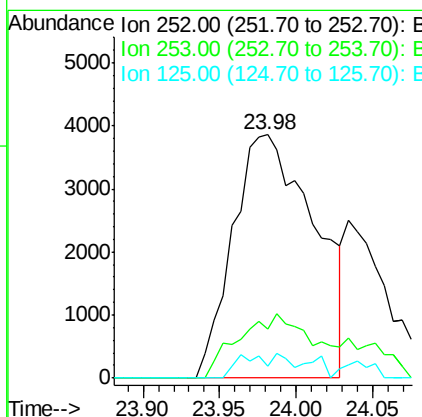
RT: 23.98 min Scan# 3598

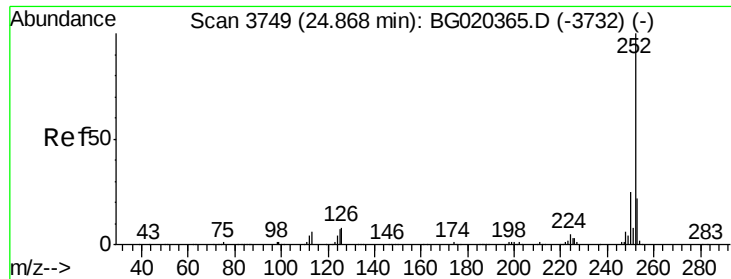
Delta R.T. 0.00 min

Lab File: BG020274.D

Acq: 18 Dec 2015 14:19

Tgt Ion:	252	Resp:	14350
Ion Ratio	Lower	Upper	
252	100		
253	20.4	16.7	25.1
125	5.0	6.2	9.2#





#91
 Benzo(a)pyrene
 Concen: 1.06 ng/ul m
 RT: 24.86 min Scan# 3748
 Delta R.T. -0.00 min
 Lab File: BG020274.D
 Acq: 18 Dec 2015 14:19

Instrument :
 BNA_G
 ClientSampleId :
 D9N29DL2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	16.4	17.0	25.4#
125	6.1	6.2	9.4#

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:33:37 PM

