

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018928.D
 Acq On : 27 Sep 2015 00:45
 Operator : UM/NP
 Sample : G3798-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G73

Manual Integrations
 APPROVED

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 9/28/2015 6:16:07 PM

Quant Time: Sep 28 06:14:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	58757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	261295	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	165084	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	379923	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	384793	20.00	ng/ul	0.00
86) Perylene-d12	24.80	264	401378	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2307	1.89	ng/uL	0.00
5) Phenol-d5	7.17	99	64785	13.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	37184	13.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	53511	14.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	51733	13.21	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	29352	14.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	32493	16.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	59491	14.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	61615	12.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	202254	15.22	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	281186	17.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	22814	8.95	ng/ul	0.00
58) Fluorene-d10	15.60	176	210886	18.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	13859	7.71	ng/ul	0.00
71) Anthracene-d10	17.46	188	230672	13.79	ng/ul	0.00
79) Pyrene-d10	19.74	212	325525	18.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	291401	14.92	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	14.07	163	66286	5.15	ng/ul	96
70) Phenanthrene	17.40	178	256579	13.28	ng/ul	99
72) Anthracene	17.49	178	35502	1.83	ng/ul	97
75) Carbazole	17.76	167	47274	2.75	ng/ul	98
77) Fluoranthene	19.41	202	868124	40.55	ng/ul	98
80) Pyrene	19.77	202	718316	31.75	ng/ul	98
83) Benzo(a)anthracene	21.60	228	339080	15.89	ng/ul	96
85) Chrysene	21.66	228	423465	21.52	ng/ul	97
88) Benzo(b)fluoranthene	23.79	252	629297	27.73	ng/ul	99
89) Benzo(k)fluoranthene	23.85	252	237711m	10.93	ng/ul	
91) Benzo(a)pyrene	24.65	252	387777	17.98	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.43	276	321582	12.86	ng/ul	98
93) Dibenzo(a,h)anthracene	28.45	278	63771m	3.18	ng/ul	
94) Benzo(g,h,i)perylene	29.55	276	263732	12.63	ng/ul	97

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

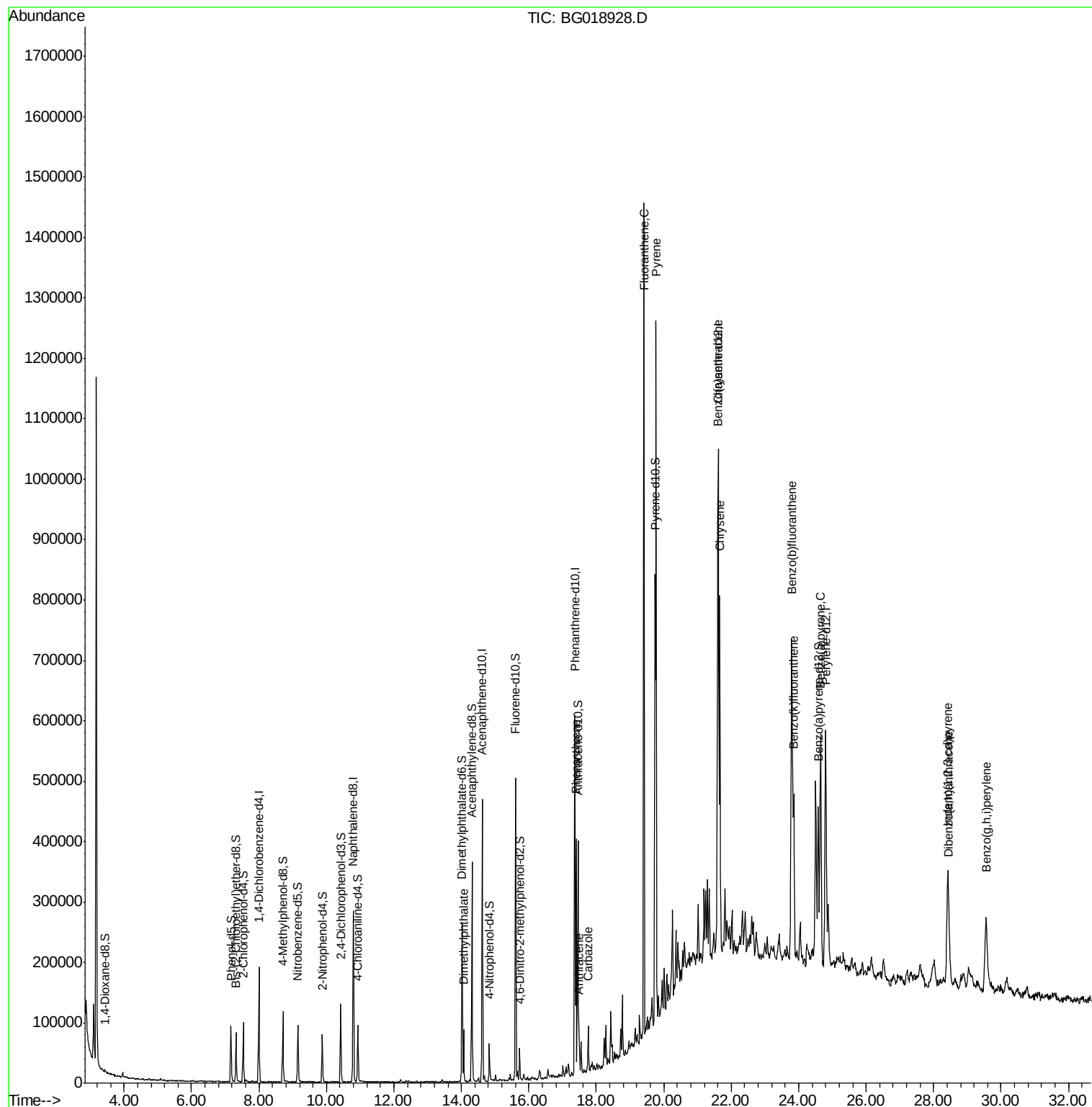
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018928.D
Acq On : 27 Sep 2015 00:45
Operator : UM/NP
Sample : G3798-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

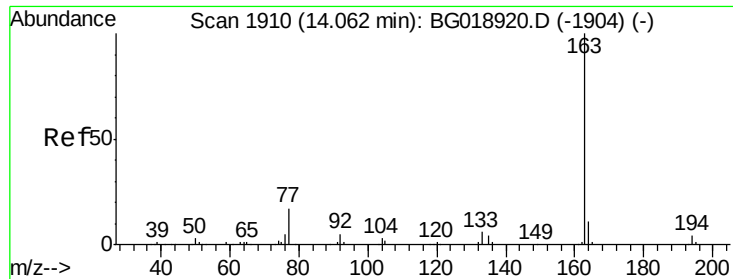
Instrument :
BNA_G
ClientSampleId :
D9G73

Quant Time: Sep 28 06:14:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

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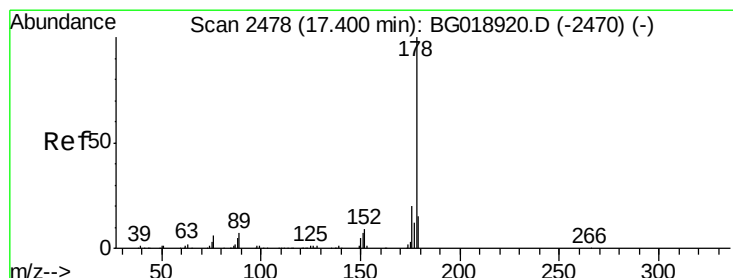
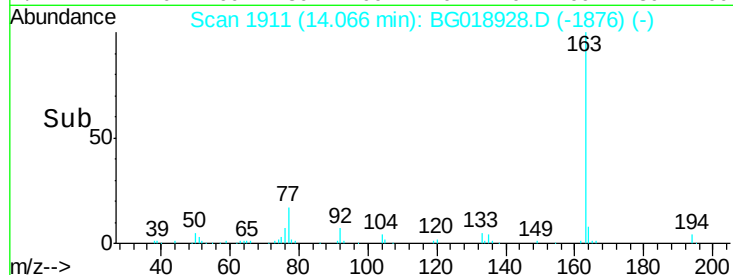
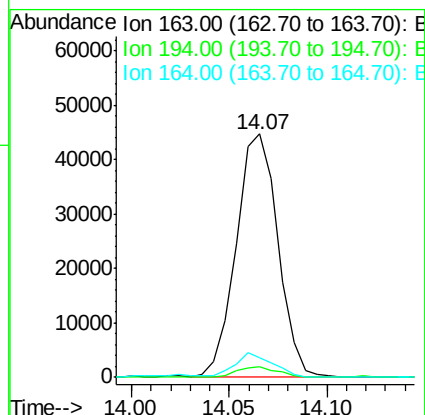
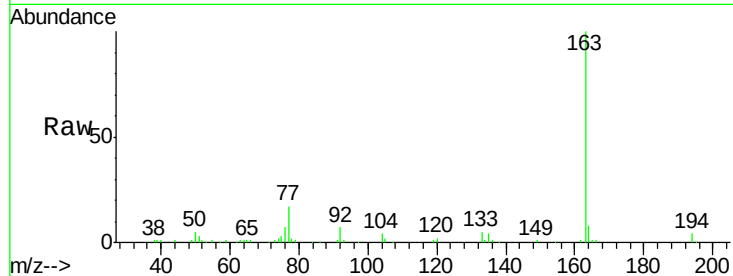
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Dimethylphthalate
Concen: 5.15 ng/ul
RT: 14.07 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Instrument :
BNA_G
ClientSampleId :
D9G73

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	66286		
194	4.3		2.9	4.3
164	8.1		7.7	11.5

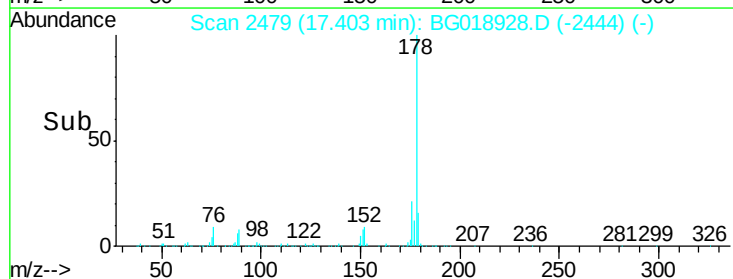
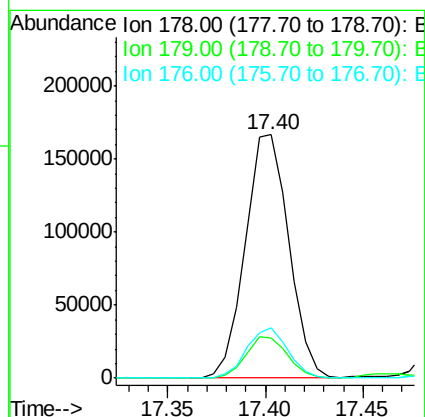
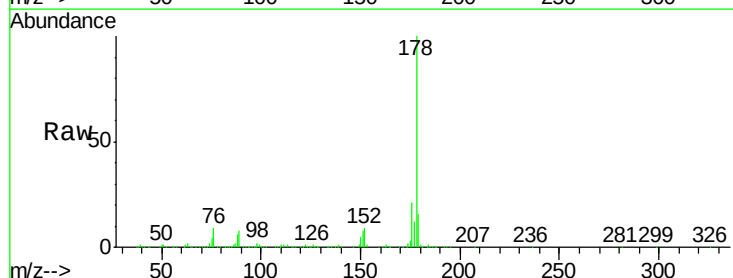
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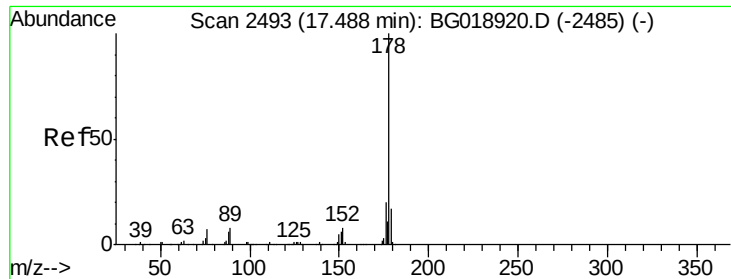
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#70
Phenanthrene
Concen: 13.28 ng/ul
RT: 17.40 min Scan# 2479
Delta R.T. 0.00 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	256579		
179	16.4		13.7	20.5
176	20.7		16.6	24.8





#72

Anthracene

Concen: 1.83 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG018928.D

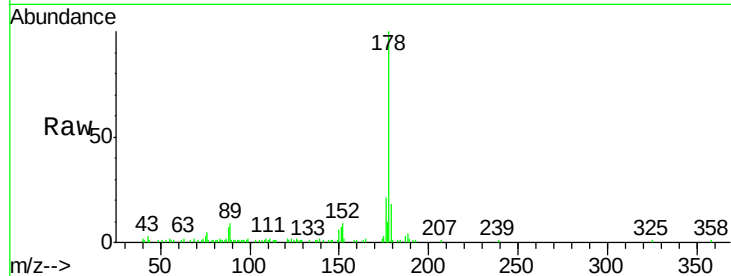
Acq: 27 Sep 2015 00:45

Instrument :

BNA_G

ClientSampleId :

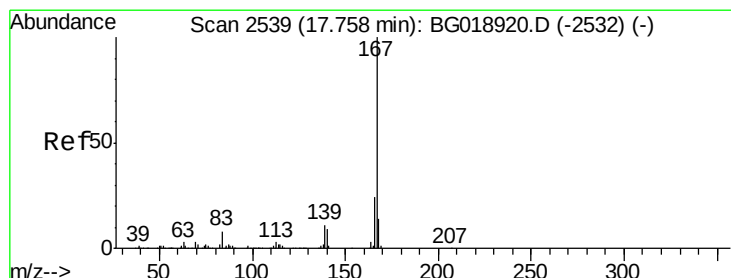
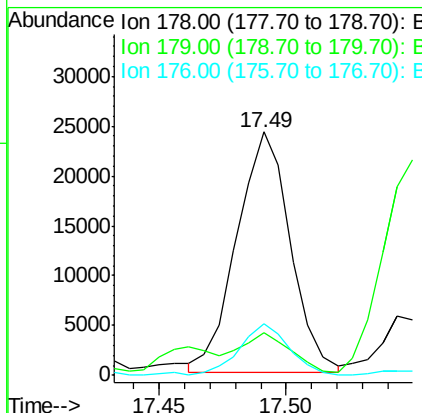
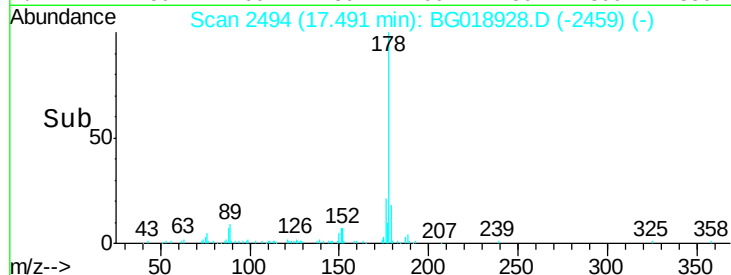
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Tgt Ion:	178	Resp:	35502
Ion Ratio		Lower	Upper
178	100		
179	17.7	13.0	19.4
176	21.0	16.0	24.0

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#75

Carbazole

Concen: 2.75 ng/ul

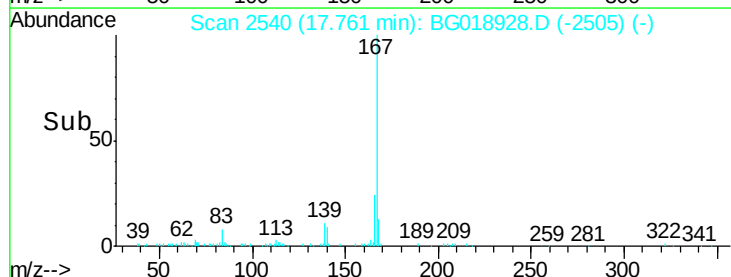
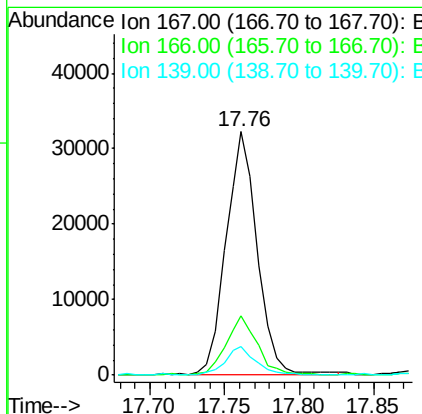
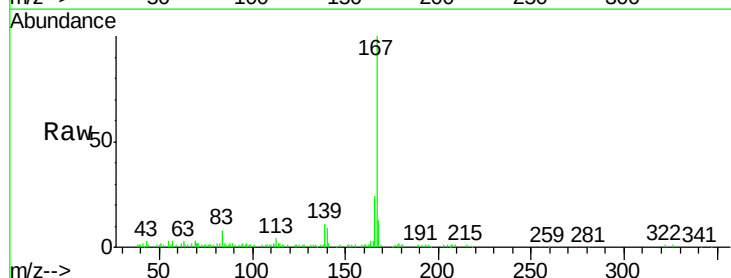
RT: 17.76 min Scan# 2540

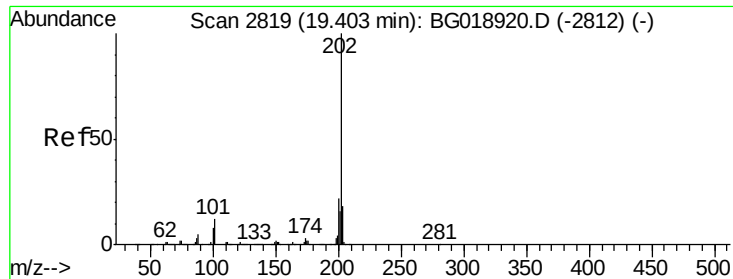
Delta R.T. 0.00 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Tgt Ion:	167	Resp:	47274
Ion Ratio		Lower	Upper
167	100		
166	24.1	18.9	28.3
139	11.5	10.1	15.1





#77

Fluoranthene

Concen: 40.55 ng/ul

RT: 19.41 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Instrument :

BNA_G

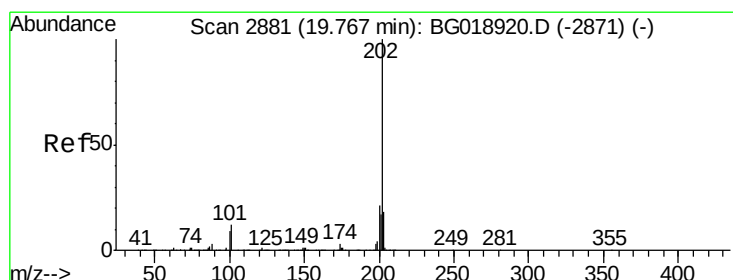
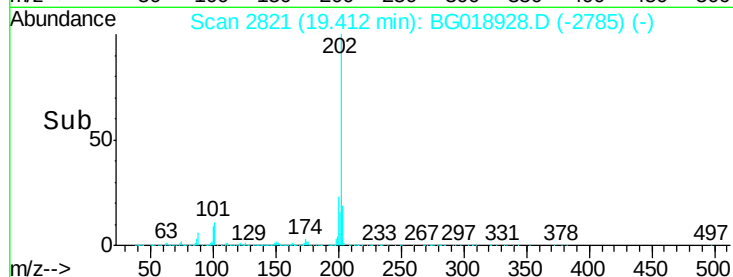
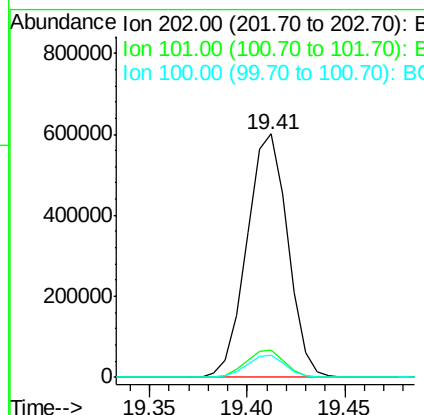
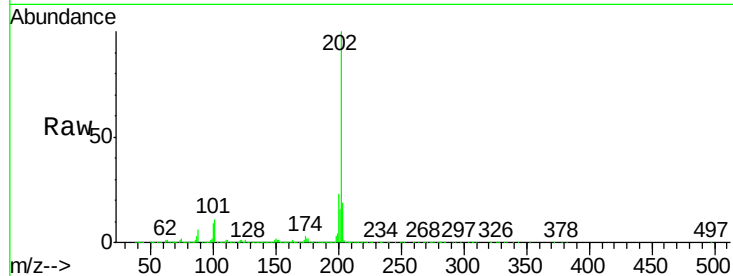
ClientSampleId :

D9G73

Tgt Ion:	202	Resp:	868124
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.7	14.5
100	8.9	7.8	11.8

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#80

Pyrene

Concen: 31.75 ng/ul

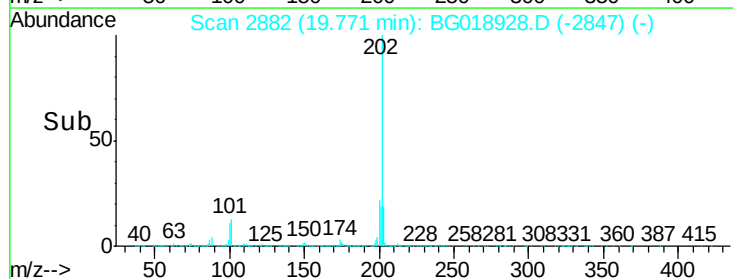
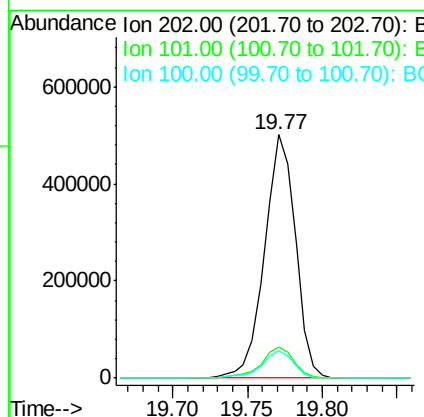
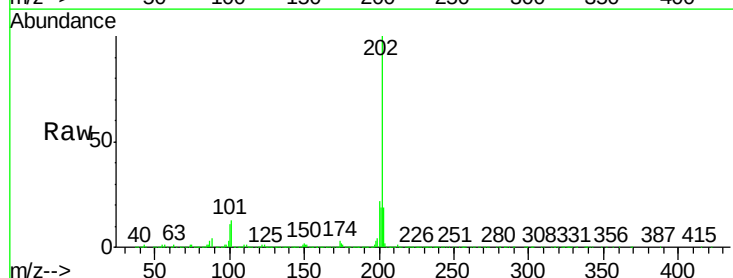
RT: 19.77 min Scan# 2882

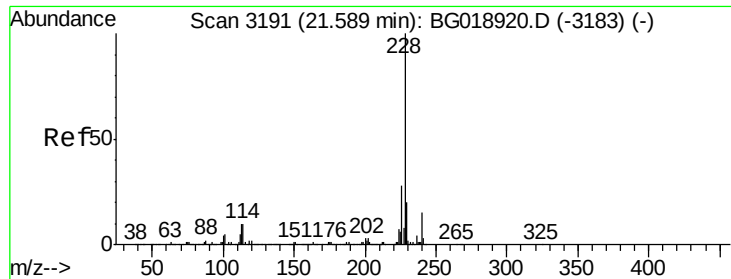
Delta R.T. 0.00 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Tgt Ion:	202	Resp:	718316
Ion Ratio	Lower	Upper	
202	100		
101	12.7	11.0	16.4
100	11.4	9.8	14.6





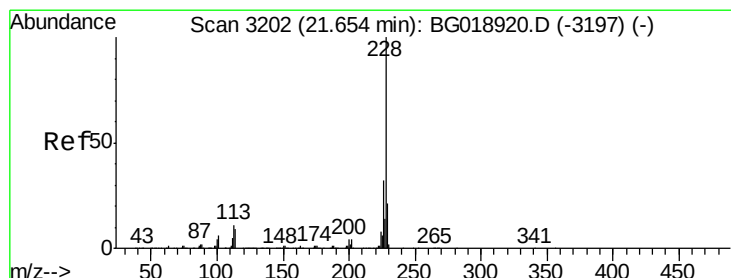
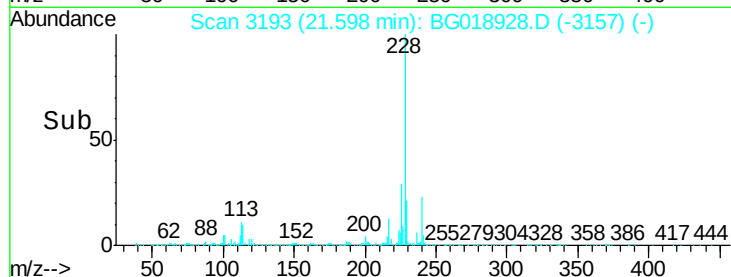
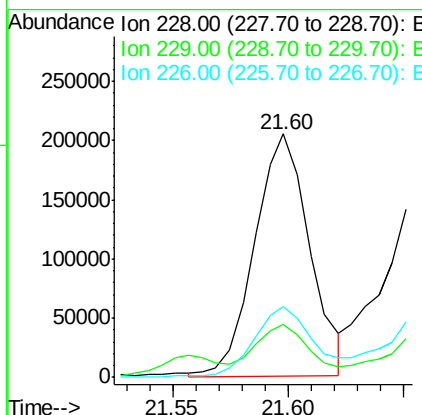
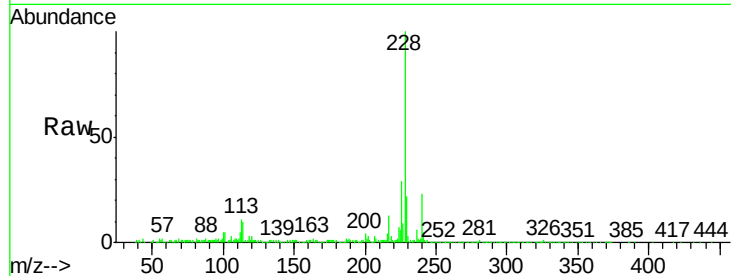
#83
Benzo(a)anthracene
Concen: 15.89 ng/ul
RT: 21.60 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Instrument :
BNA_G
ClientSampleId :
D9G73

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	339080		
229	21.8	15.5	23.3	
226	29.3	22.1	33.1	

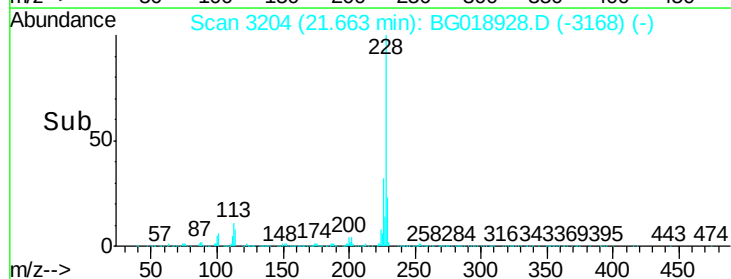
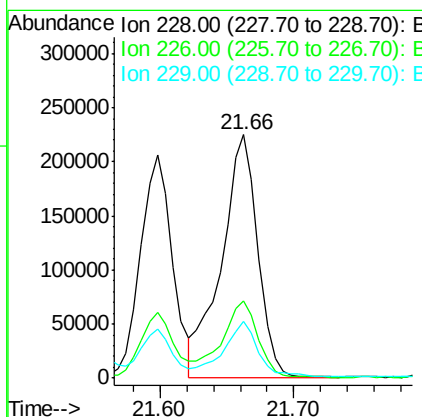
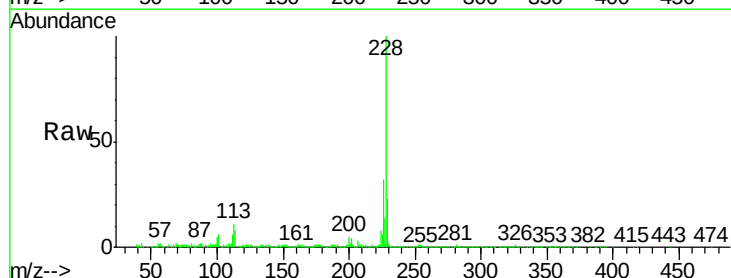
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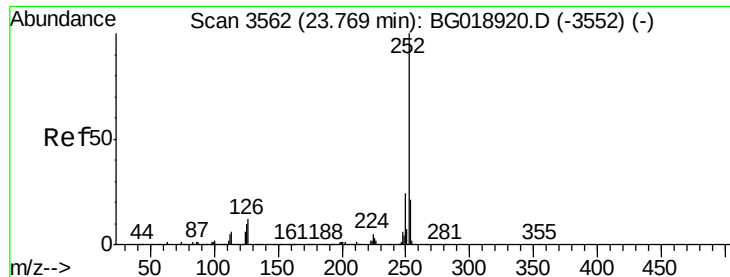
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#85
Chrysene
Concen: 21.52 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	423465		
226	31.9	26.5	39.7	
229	23.1	16.9	25.3	





#88

Benzo(b)fluoranthene

Concen: 27.73 ng/ul

RT: 23.79 min Scan# 3566

Delta R.T. 0.02 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Instrument :

BNA_G

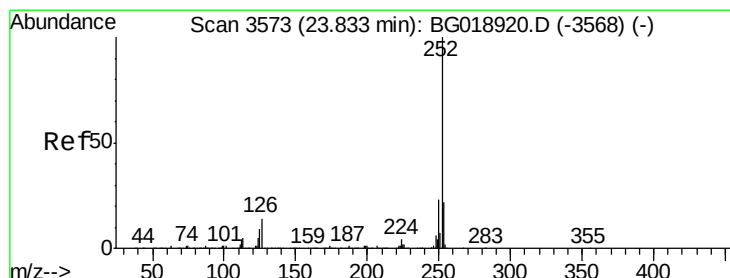
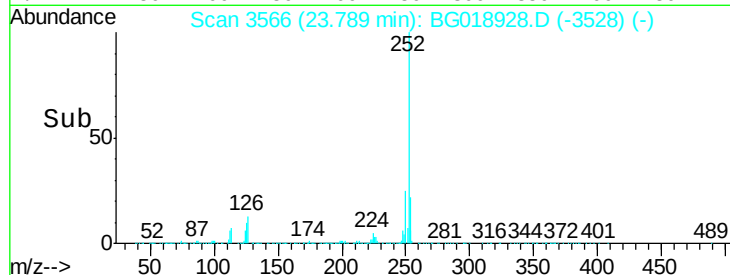
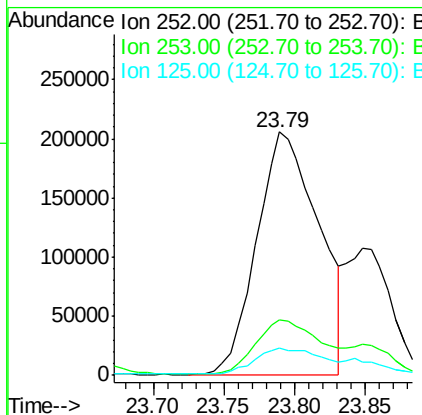
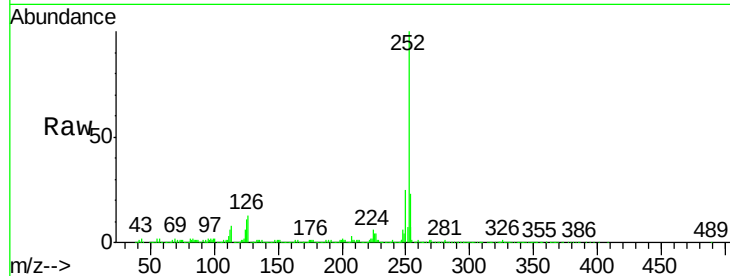
ClientSampleId :

D9G73

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.2	8.3	12.5

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#89

Benzo(k)fluoranthene

Concen: 10.93 ng/ul m

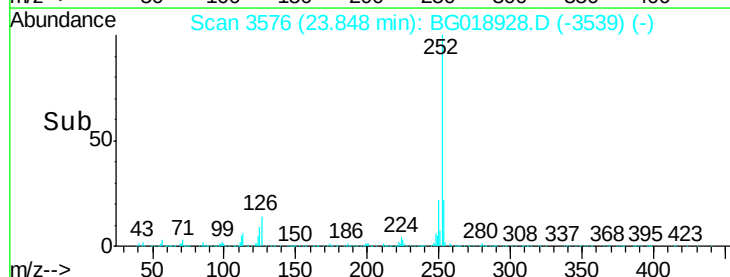
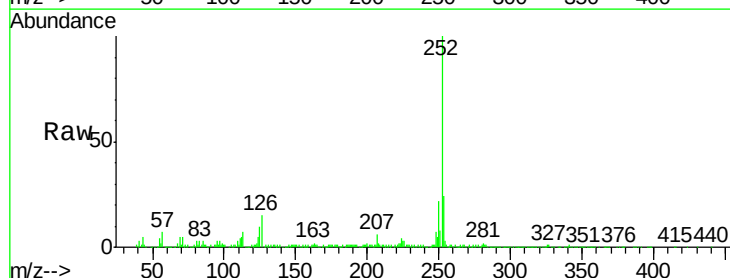
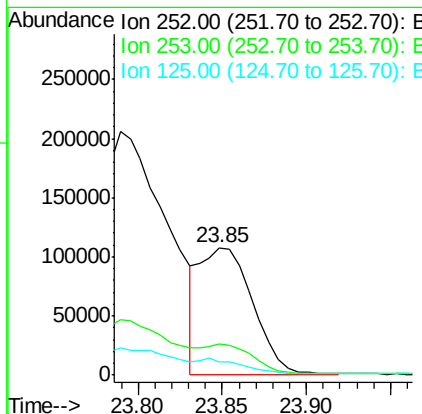
RT: 23.85 min Scan# 3576

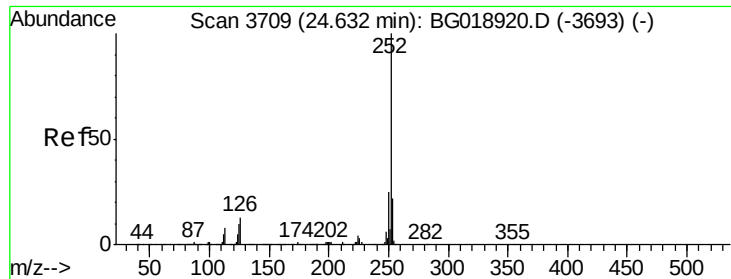
Delta R.T. 0.01 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	10.0	9.0	13.4





#91

Benzo(a)pyrene

Concen: 17.98 ng/ul

RT: 24.65 min Scan# 3713

Delta R.T. 0.02 min

Lab File: BG018928.D

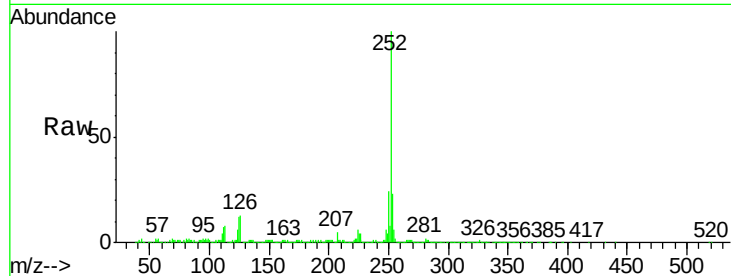
Acq: 27 Sep 2015 00:45

Instrument :

BNA_G

ClientSampleId :

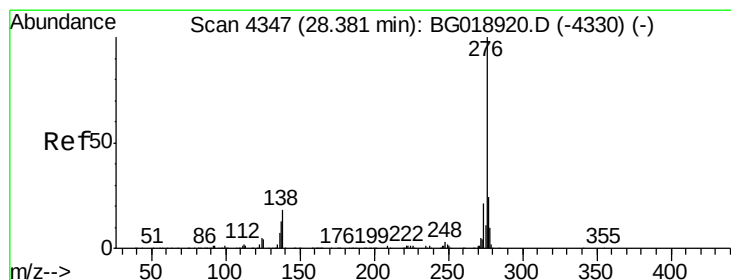
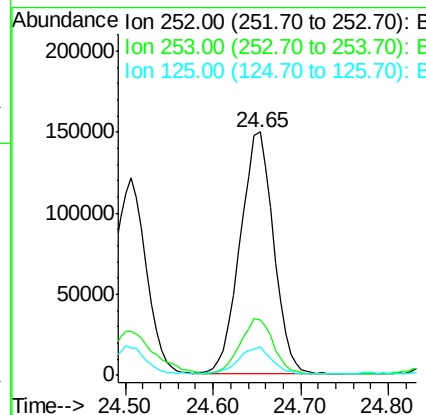
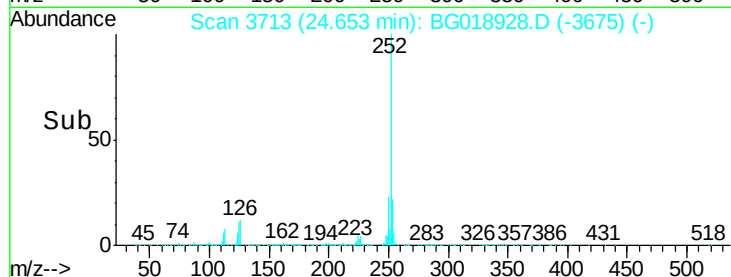
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.9	10.2	15.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 12.86 ng/ul

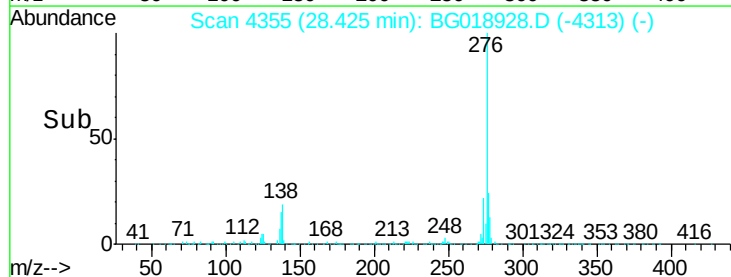
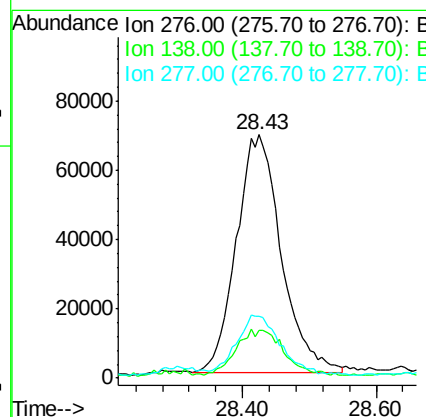
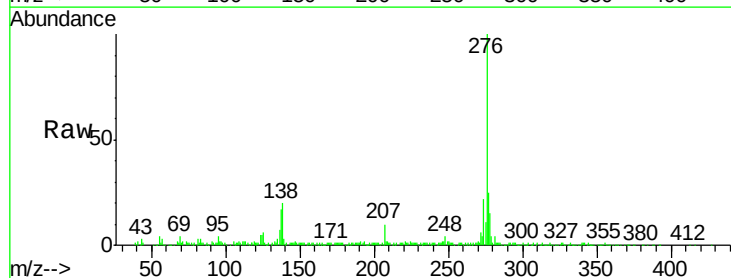
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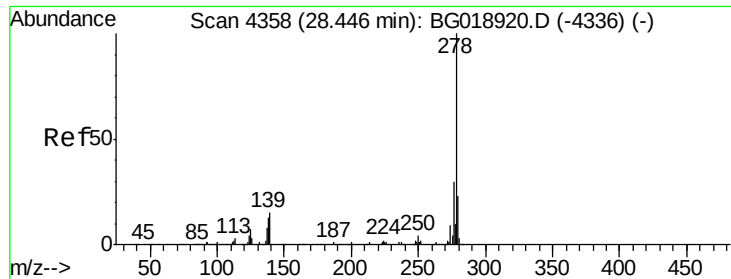
Delta R.T. 0.04 min

Lab File: BG018928.D

Acq: 27 Sep 2015 00:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.6
277	25.3	18.9	28.3





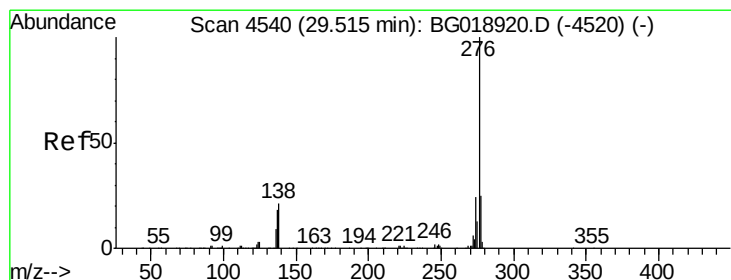
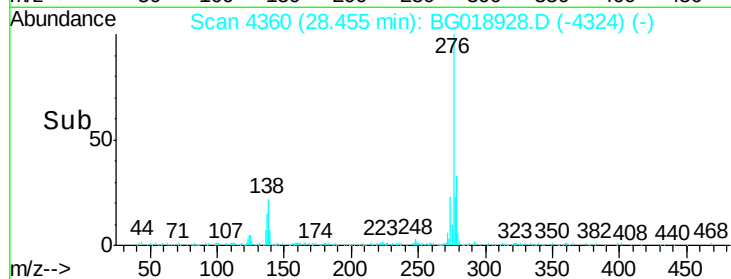
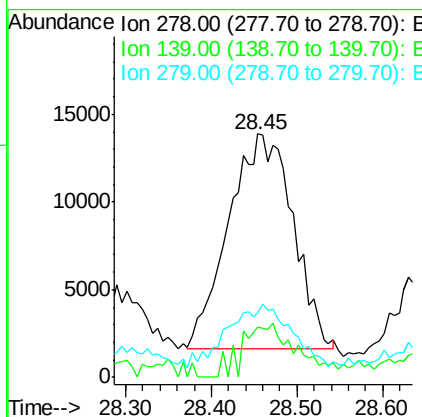
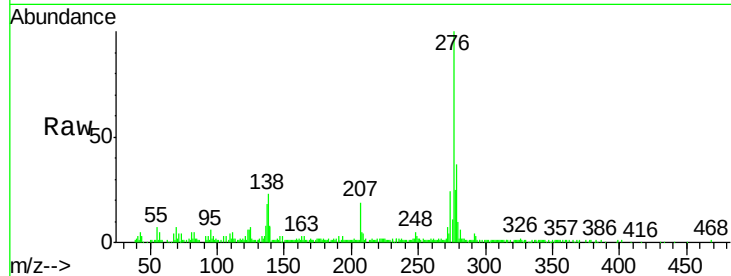
#93
Dibenzo(a,h)anthracene
Concen: 3.18 ng/ul m
RT: 28.45 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Instrument :
BNA_G
ClientSampleId :
D9G73

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.8	20.6
279	26.4	17.8	26.8

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#94
Benzo(g,h,i)perylene
Concen: 12.63 ng/ul
RT: 29.55 min Scan# 4547
Delta R.T. 0.04 min
Lab File: BG018928.D
Acq: 27 Sep 2015 00:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.5	24.7
277	23.2	19.0	28.6

