

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018540.D
 Acq On : 29 Aug 2015 17:30
 Operator : UM/MA
 Sample : G3476-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ4

Quant Time: Aug 31 03:38:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74453	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	363807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	266020	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.38	188	701080	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	719921	20.00	ng/ul	-0.03
86) Perylene-d12	24.93	264	292	20.00	ng/ul	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.45	96	9214	5.47	ng/uL	0.00
5) Phenol-d5	7.17	99	211324	31.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	129164	30.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	155563	30.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	175077	30.84	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	87735	30.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	89306	30.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	190297	31.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	217567	31.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	675717	30.19	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	818820	29.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	124825	31.01	ng/ul	-0.01
58) Fluorene-d10	15.63	176	598175	30.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	85102	24.68	ng/ul	-0.01
71) Anthracene-d10	17.48	188	980618	29.25	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1091554	29.22	ng/ul	-0.02
90) Benzo(a)pyrene-d12	24.62	264	1079537	69639.72	ng/ul	-0.06

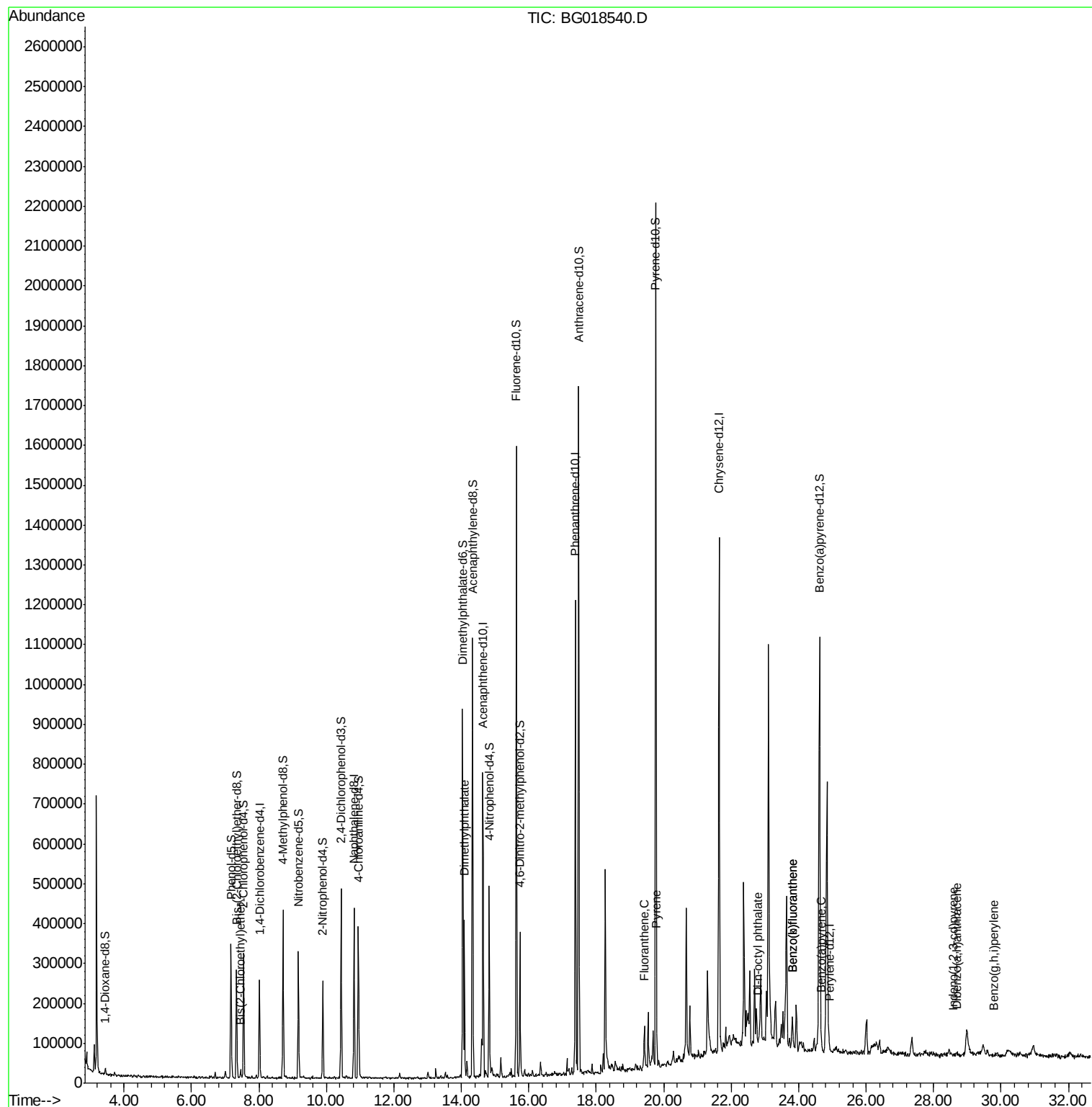
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Bis(2-Chloroethyl)ether	7.45	93	8348	1.57	ng/ul#	22
45) Dimethylphthalate	14.08	163	257779	11.68	ng/ul#	99
77) Fluoranthene	19.43	202	43090	1.06	ng/ul#	94
80) Pyrene	19.79	202	52586	1.08	ng/ul	96
87) Di-n-octyl phthalate	22.79	149	220	11.68	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	31193	1700.14	ng/ul	98
89) Benzo(k)fluoranthene	23.82	252	24201	1370.03	ng/ul	97
91) Benzo(a)pyrene	24.67	252	11186	641.28	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	56	2.77	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.69	278	909	54.21	ng/ul#	37
94) Benzo(g,h,i)perylene	29.79	276	91	5.37	ng/ul#	53

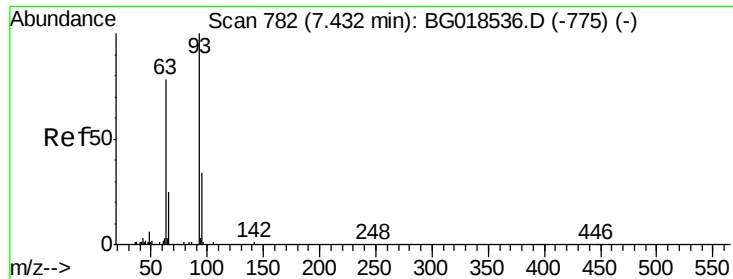
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 1.57 ng/ul

RT: 7.45 min Scan# 785

Delta R.T. 0.02 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

Instrument :

BNA_G

ClientSampleId :

BCTJ4

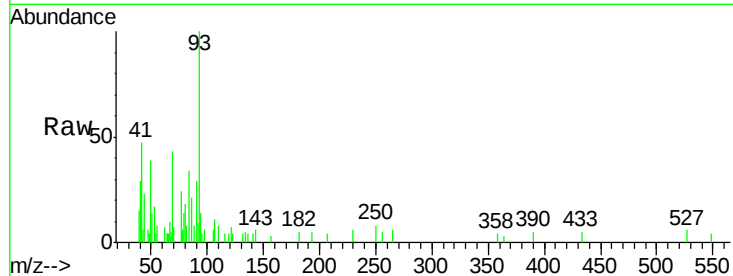
Tgt Ion: 93 Resp: 8348

Ion Ratio Lower Upper

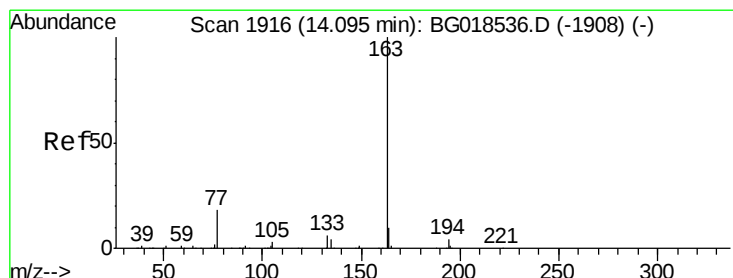
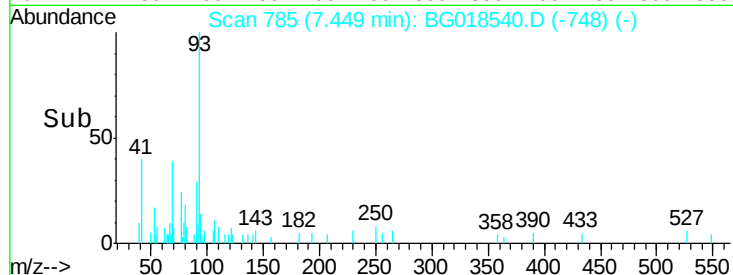
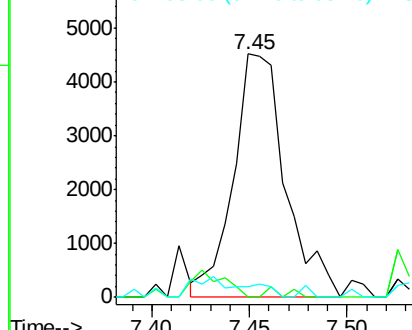
93 100

63 0.0 61.4 92.2#

95 4.1 25.9 38.9#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#45

Dimethylphthalate

Concen: 11.68 ng/ul

RT: 14.08 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

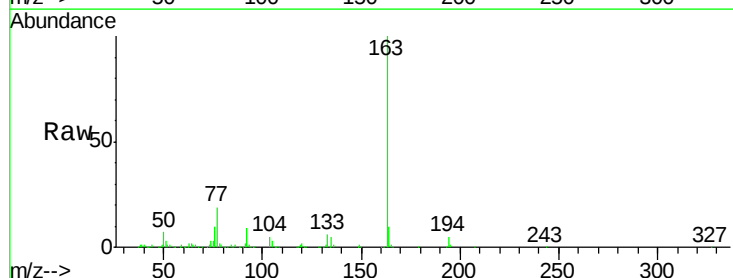
Tgt Ion: 163 Resp: 257779

Ion Ratio Lower Upper

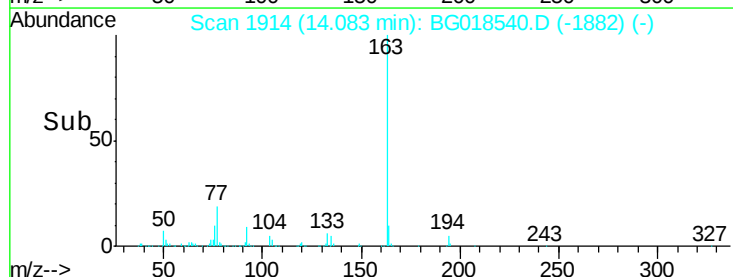
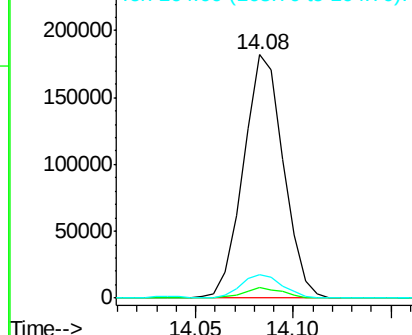
163 100

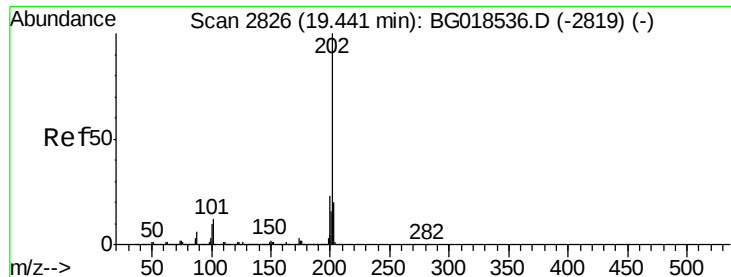
194 4.6 2.9 4.3#

164 9.7 7.7 11.5



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

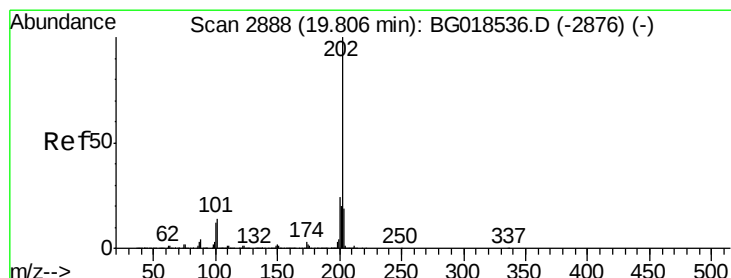
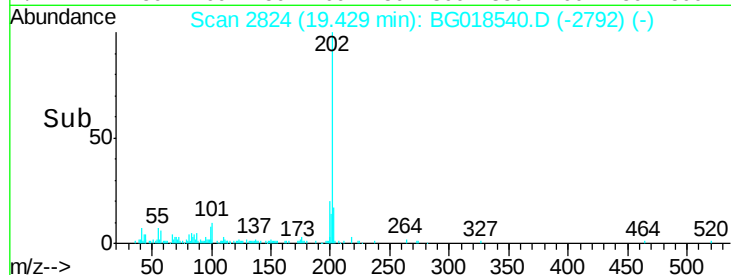
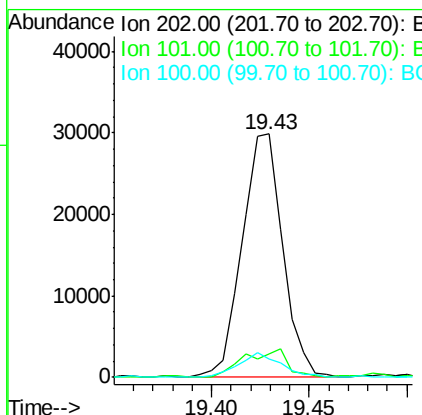
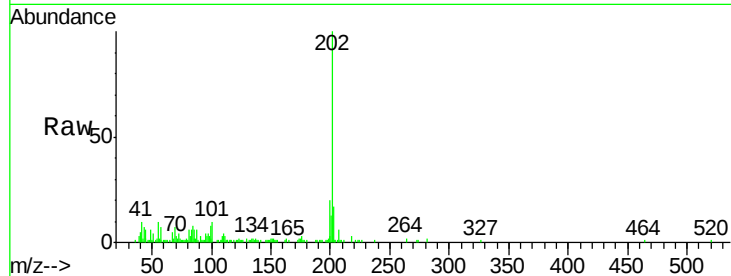




#77
Fluoranthene
 Concen: 1.06 ng/ul
 RT: 19.43 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BG018540.D
 Acq: 29 Aug 2015 17:30

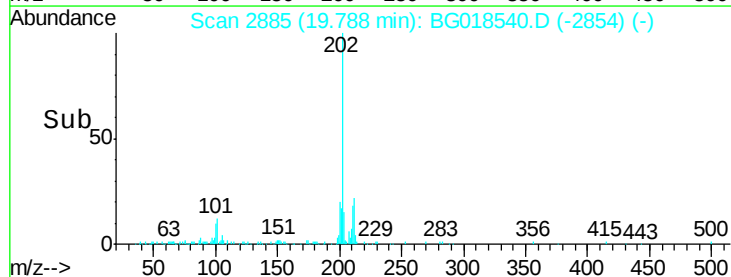
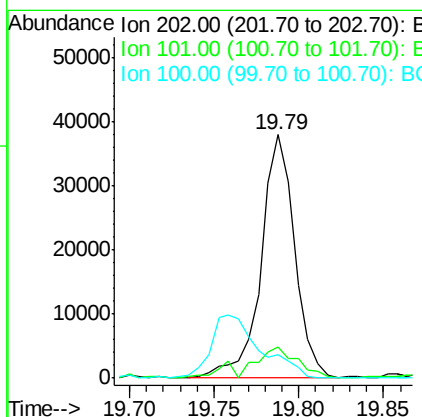
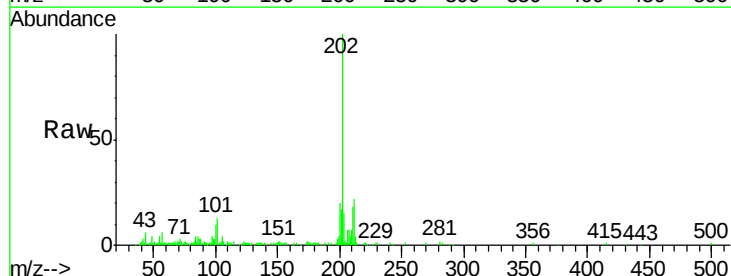
Instrument :
 BNA_G
 ClientSampleId :
 BCTJ4

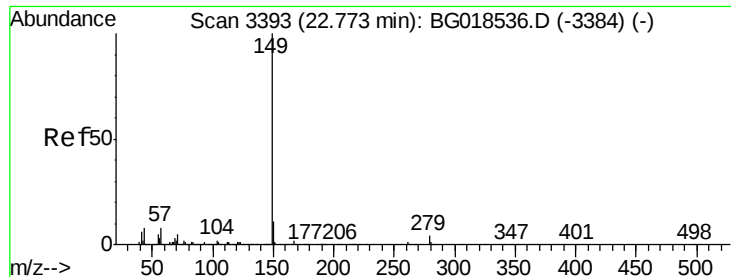
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.7	14.5
100	7.6	7.8	11.8#



#80
Pyrene
 Concen: 1.08 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.02 min
 Lab File: BG018540.D
 Acq: 29 Aug 2015 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	9.9	9.8	14.6

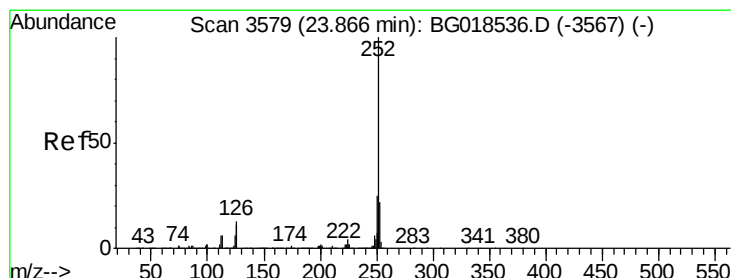
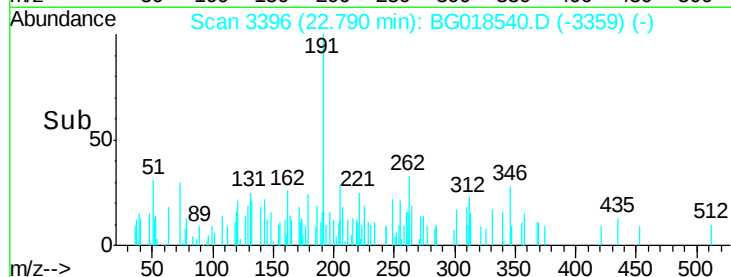
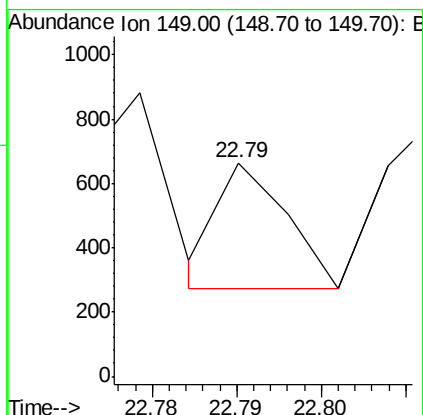
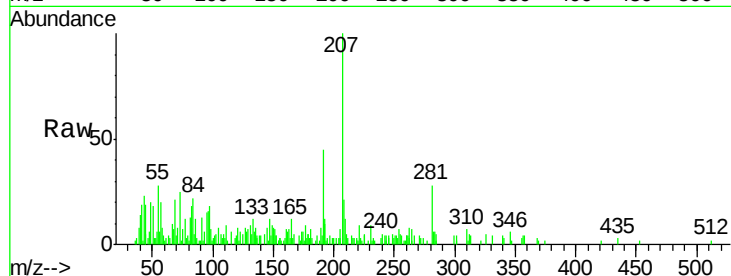




#87
Di-n-octyl phthalate
Concen: 11.68 ng/ul
RT: 22.79 min Scan# 3396
Delta R.T. 0.02 min
Lab File: BG018540.D
Acq: 29 Aug 2015 17:30

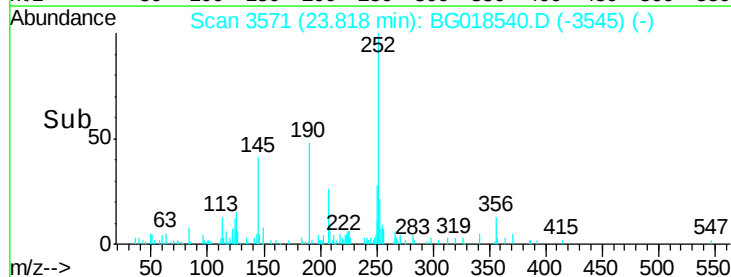
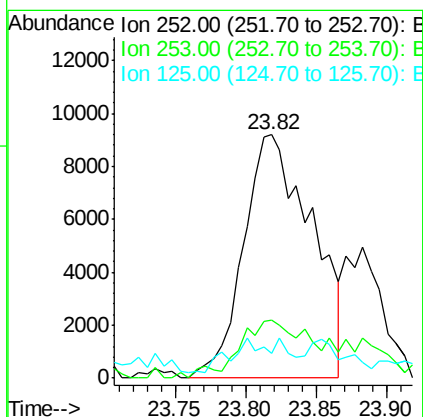
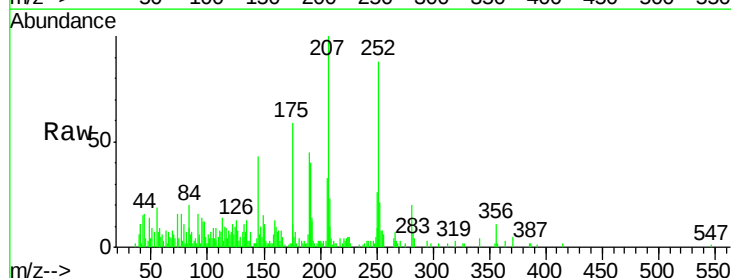
Instrument :
BNA_G
ClientSampleId :
BCTJ4

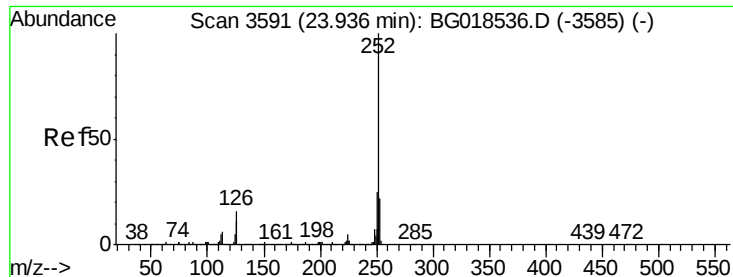
Tgt Ion:149 Resp: 220



#88
Benzo(b)fluoranthene
Concen: 1700.14 ng/ul
RT: 23.82 min Scan# 3571
Delta R.T. -0.05 min
Lab File: BG018540.D
Acq: 29 Aug 2015 17:30

Tgt Ion:252 Resp: 31193
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 10.4 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 1370.03 ng/ul

RT: 23.82 min Scan# 3571

Delta R.T. -0.12 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

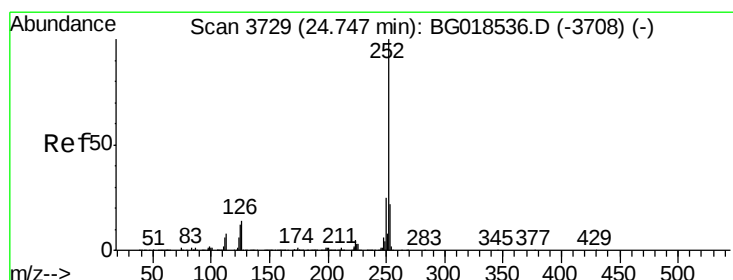
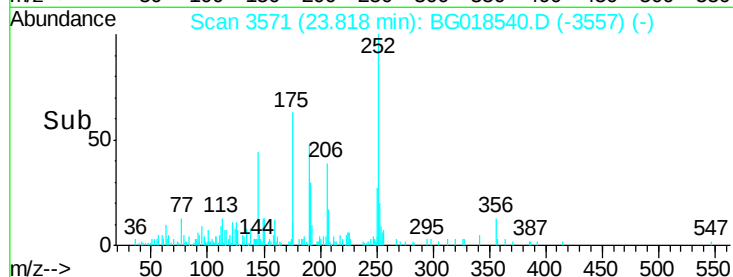
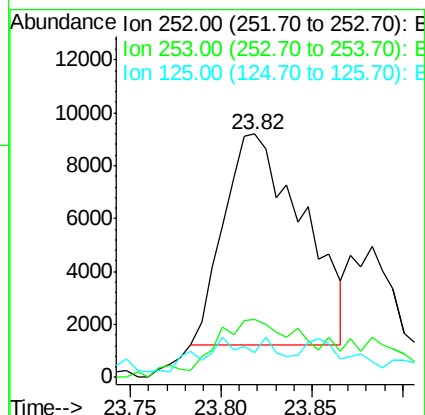
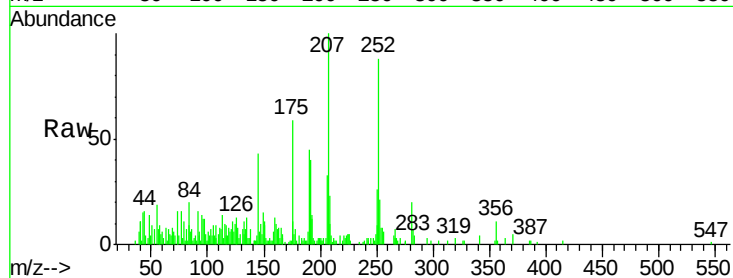
Instrument :

BNA_G

ClientSampleId :

BCTJ4

Tgt Ion:	252	Resp:	24201
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	10.4	9.0	13.4



#91

Benzo(a)pyrene

Concen: 641.28 ng/ul

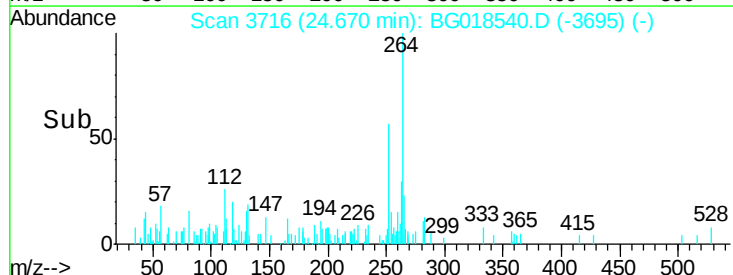
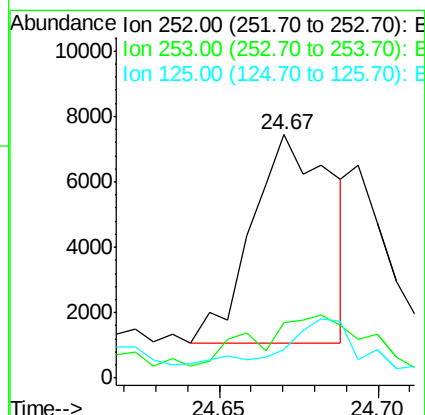
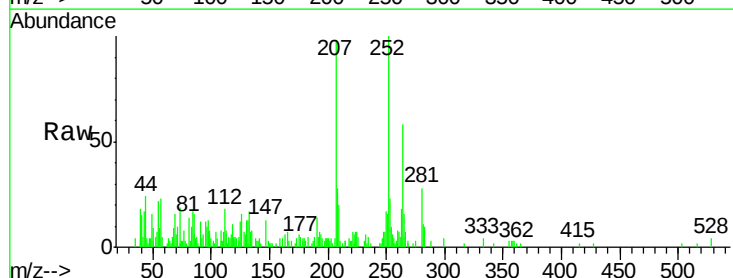
RT: 24.67 min Scan# 3716

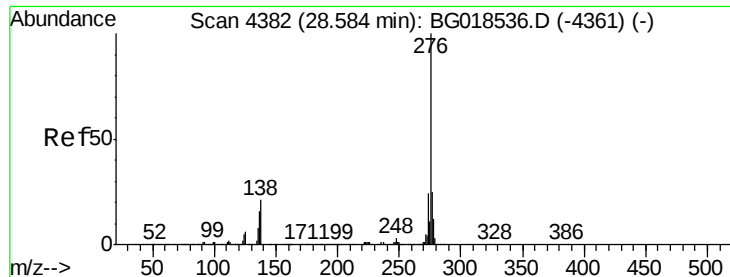
Delta R.T. -0.08 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

Tgt Ion:	252	Resp:	11186
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.6	10.2	15.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.77 ng/ul

RT: 28.60 min Scan# 4384

Delta R.T. 0.01 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

Instrument :

BNA_G

ClientSampleId :

BCTJ4

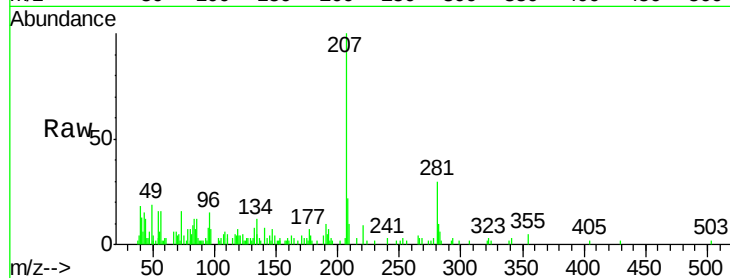
Tgt Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 98.1 15.8 23.6#

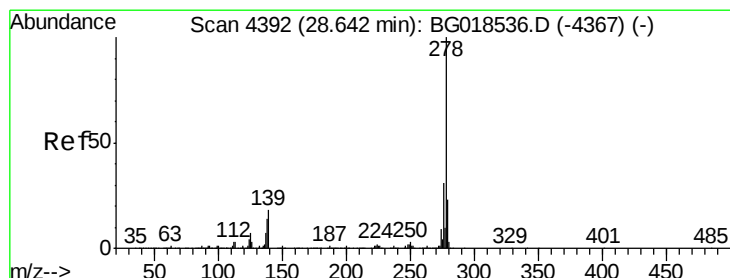
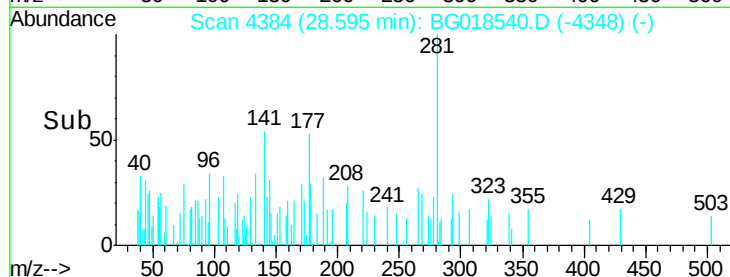
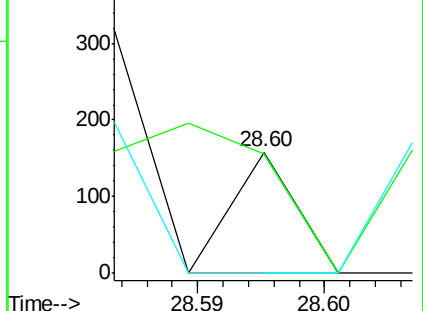
277 0.0 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 54.21 ng/ul

RT: 28.69 min Scan# 4400

Delta R.T. 0.05 min

Lab File: BG018540.D

Acq: 29 Aug 2015 17:30

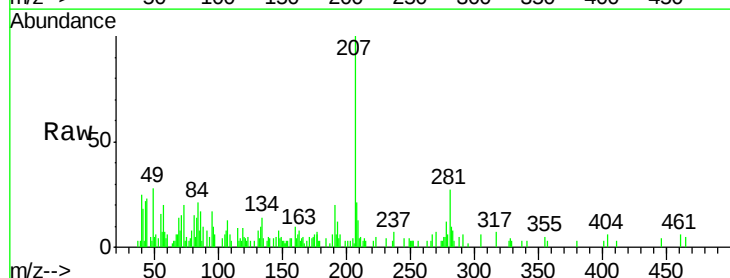
Tgt Ion:278 Resp: 909

Ion Ratio Lower Upper

278 100

139 45.7 13.8 20.6#

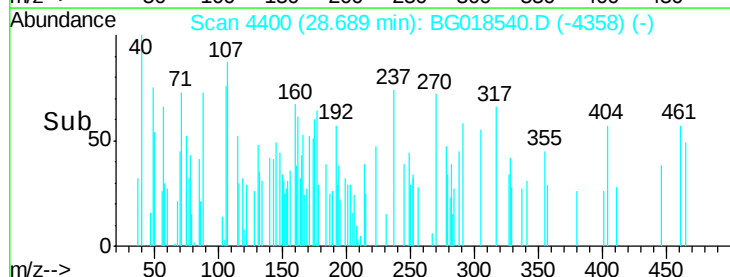
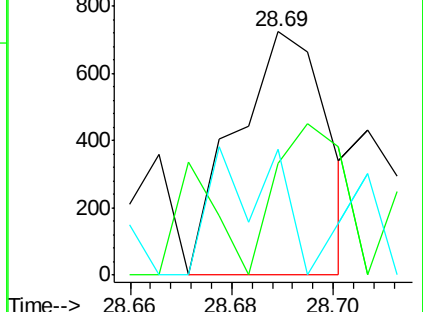
279 51.7 17.8 26.8#

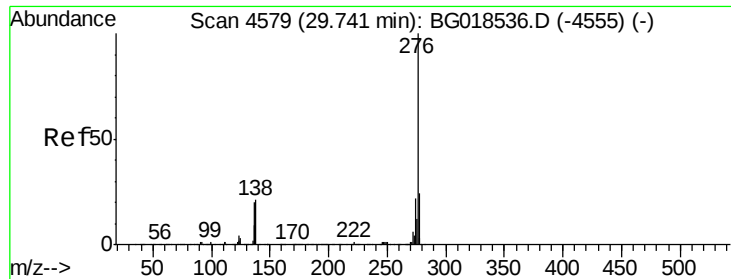


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 5.37 ng/ul

RT: 29.79 min Scan# 4587

Delta R.T. 0.05 min

Lab File: BG018540.D

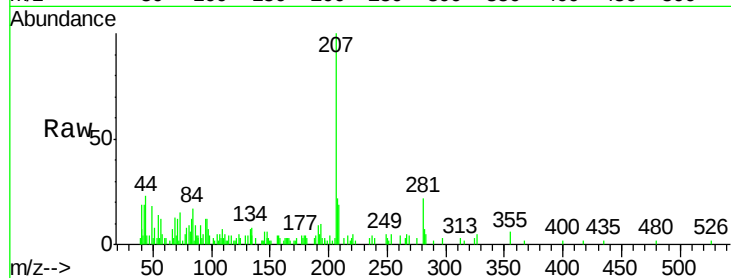
Acq: 29 Aug 2015 17:30

Instrument :

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Tgt Ion:	276	Resp:	91
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.5	24.7#
277	0.0	19.0	28.6#

