

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
 Data File : BG017369.D
 Acq On : 1 Jun 2015 13:25
 Operator : TP/IZ
 Sample : G2431-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF7

Quant Time: Jun 02 05:40:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 05:29:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	122816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	85422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	187049	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	190998	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	186686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1426	2.44	ng/uL	0.00
5) Phenol-d5	6.84	99	31157	13.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	19000	13.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	26142	13.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	21616	10.77	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	13551	14.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	14651	12.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	24968	12.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	19446	8.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	79279	13.02	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	106904	13.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	11927	10.27	ng/ul	0.00
57) Fluorene-d10	15.30	176	80124	13.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	14260	10.89	ng/ul	0.00
70) Anthracene-d10	17.15	188	118258	13.49	ng/ul	0.00
76) Pyrene-d10	19.45	212	126551	13.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	115254	13.83	ng/ul	0.00

Target Compounds

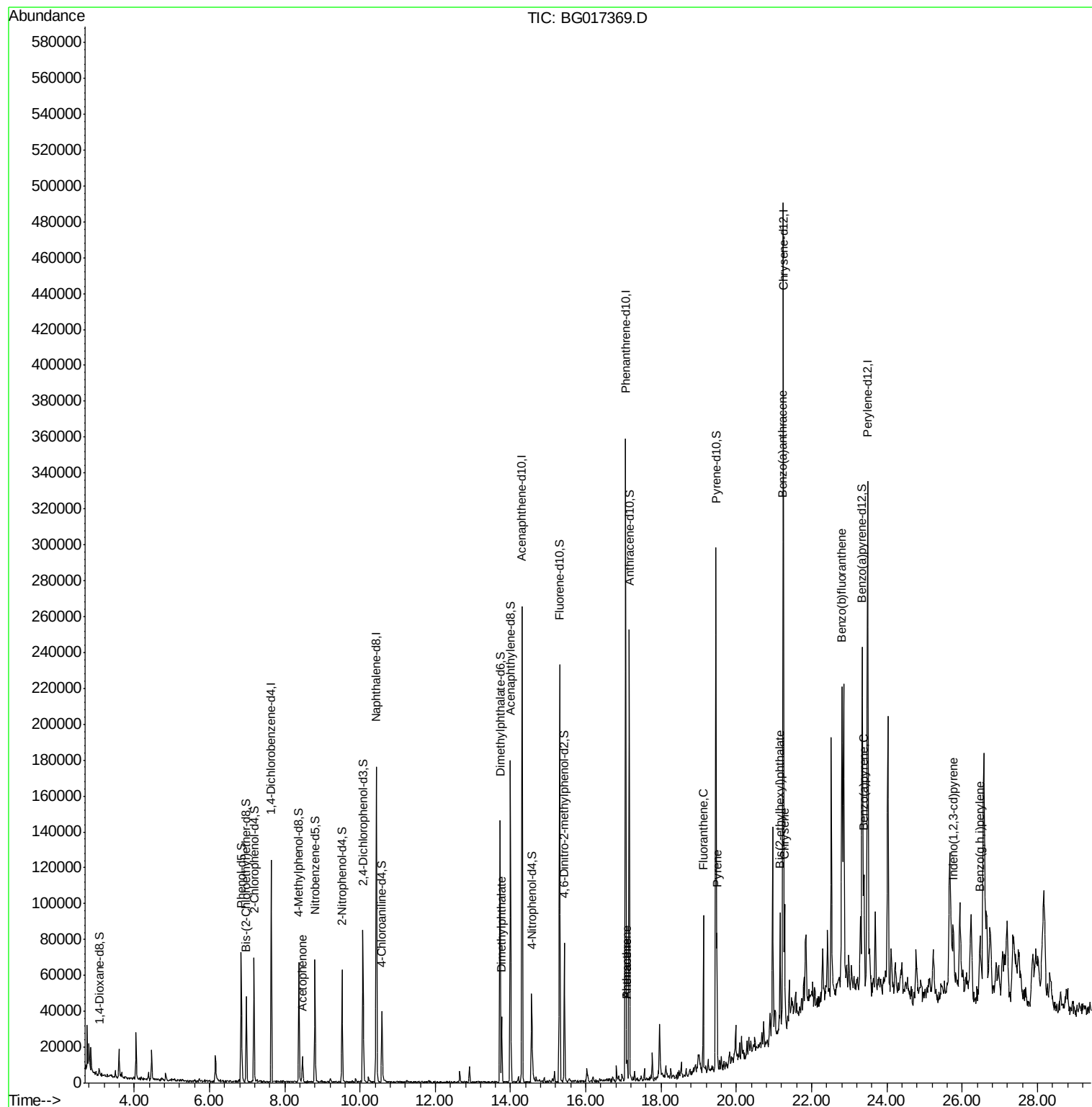
						Qvalue
14) Acetophenone	8.47	105	7365	2.33	ng/ul#	76
44) Dimethylphthalate	13.77	163	19358	2.86	ng/ul	96
69) Phenanthrene	17.09	178	10325	1.04	ng/ul	97
71) Anthracene	17.09	178	10325	1.01	ng/ul	95
74) Fluoranthene	19.12	202	44537	3.71	ng/ul	99
77) Pyrene	19.48	202	40759	3.41	ng/ul	99
80) Benzo(a)anthracene	21.23	228	30988	2.73	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.16	149	18224	2.36	ng/ul	96
82) Chrysene	21.28	228	35697	3.39	ng/ul	95
85) Benzo(b)fluoranthene	22.81	252	58653	5.21	ng/ul#	91
88) Benzo(a)pyrene	23.38	252	35937	3.38	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	31648	2.64	ng/ul#	90
91) Benzo(g,h,i)perylene	26.47	276	30315	3.03	ng/ul#	94

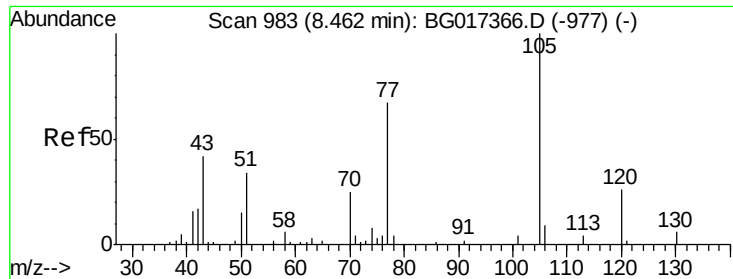
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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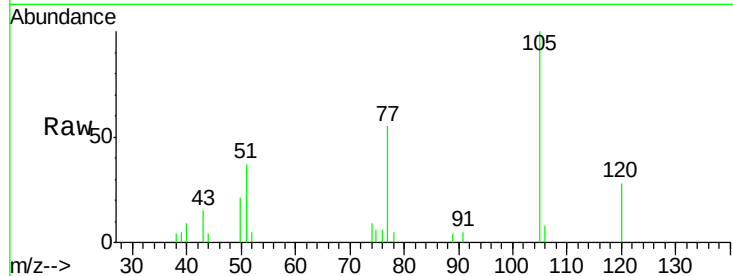




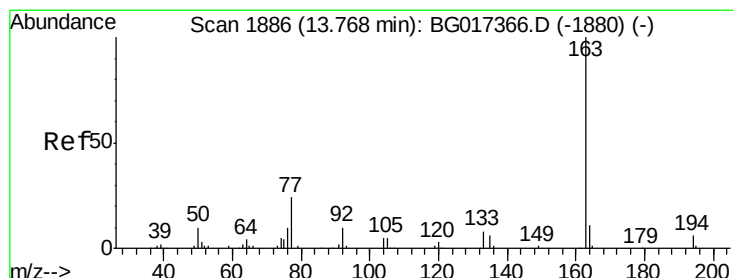
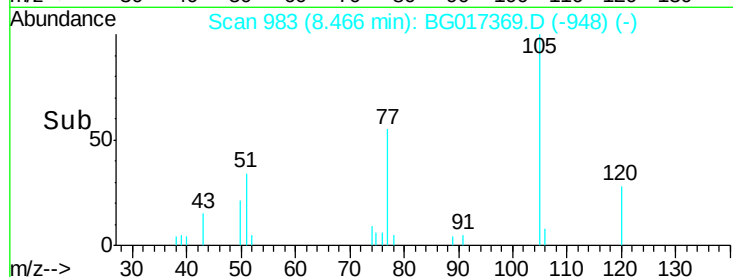
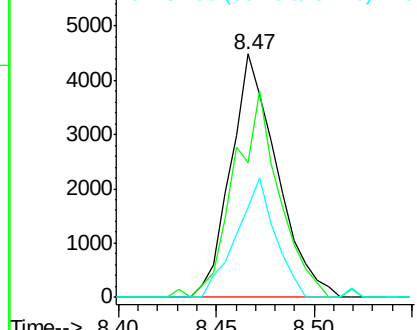
#14
Acetophenone
Concen: 2.33 ng/ul
RT: 8.47 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG017369.D
Acq: 1 Jun 2015 13:25

Instrument :
BNA_G
ClientSampleId :
BCRF7

Tgt Ion:105 Resp: 7365
Ion Ratio Lower Upper
105 100
77 55.4 69.4 104.0#
51 37.0 29.0 43.4

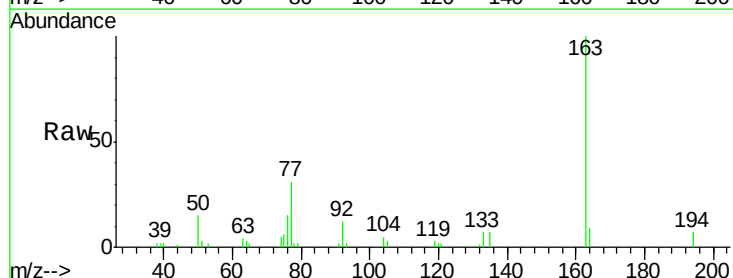


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

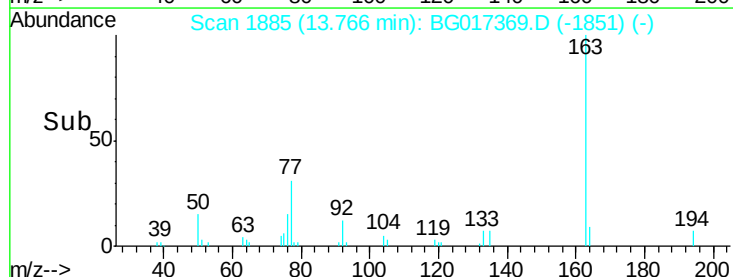
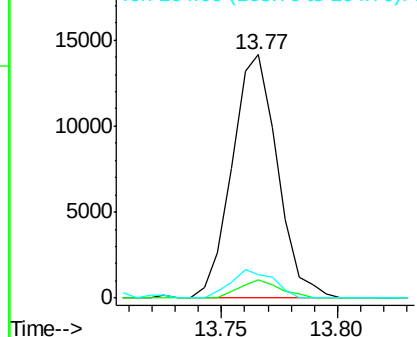


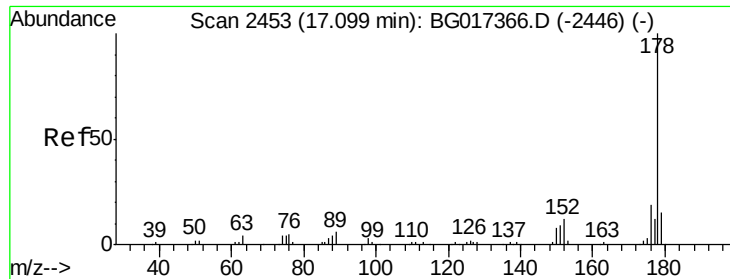
#44
Dimethylphthalate
Concen: 2.86 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG017369.D
Acq: 1 Jun 2015 13:25

Tgt Ion:163 Resp: 19358
Ion Ratio Lower Upper
163 100
194 7.4 5.2 7.8
164 9.4 9.2 13.8



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: 1.04 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Instrument :

BNA_G

ClientSampleId :

BCRF7

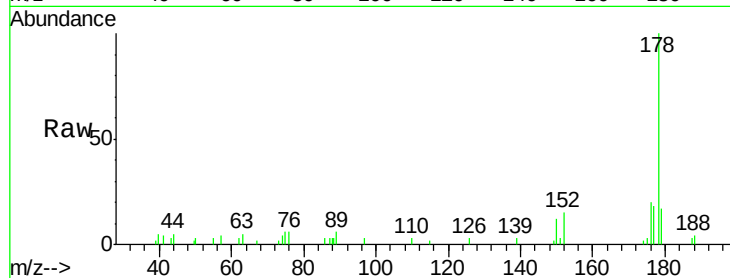
Tgt Ion:178 Resp: 10325

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

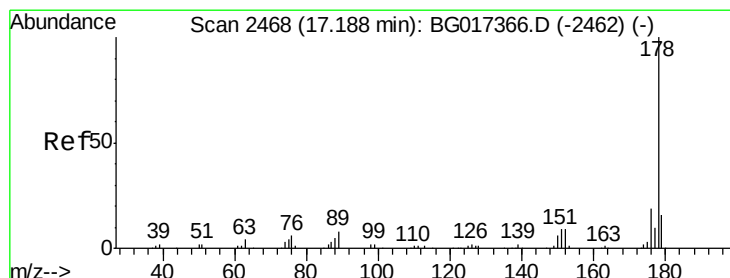
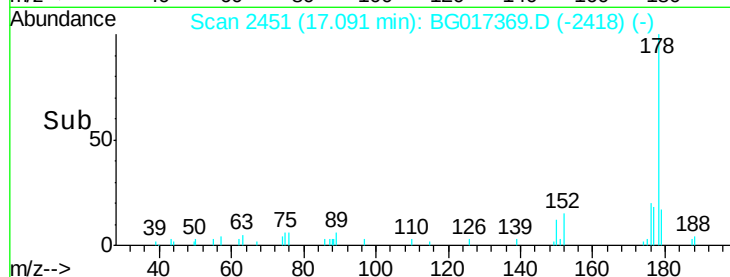
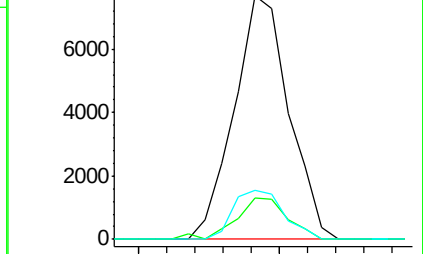
176 20.1 15.5 23.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.01 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.10 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

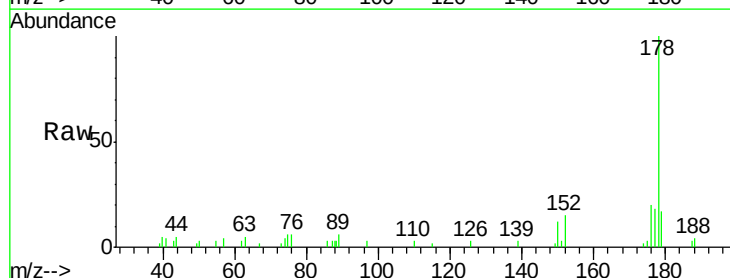
Tgt Ion:178 Resp: 10325

Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

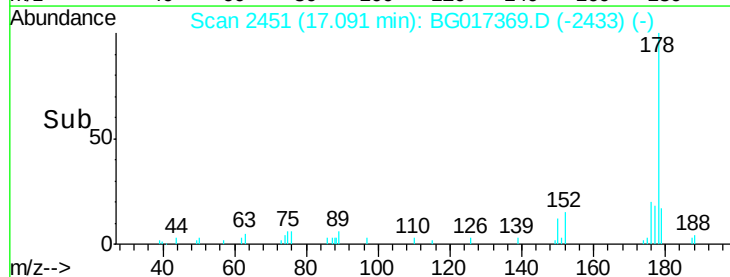
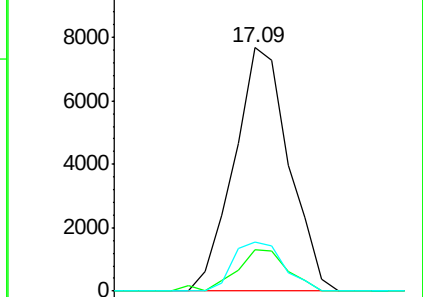
176 20.1 14.4 21.6

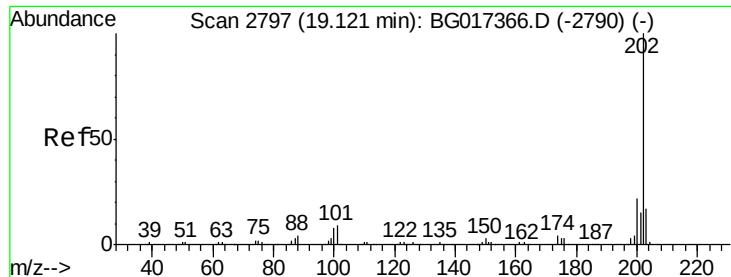


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.71 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Instrument :

BNA_G

ClientSampleId :

BCRF7

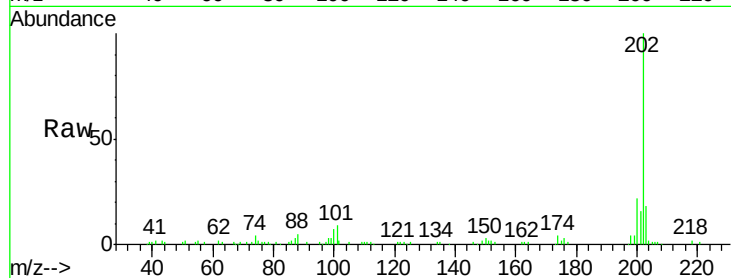
Tgt Ion:202 Resp: 44537

Ion Ratio Lower Upper

202 100

101 10.5 7.8 11.8

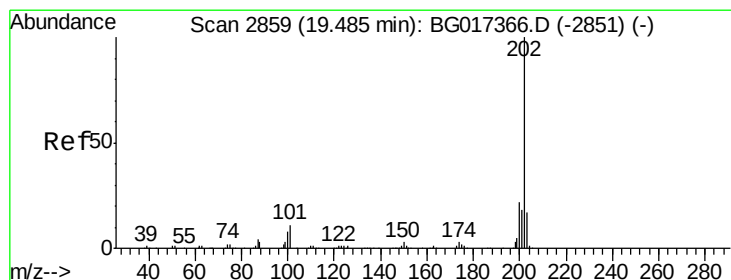
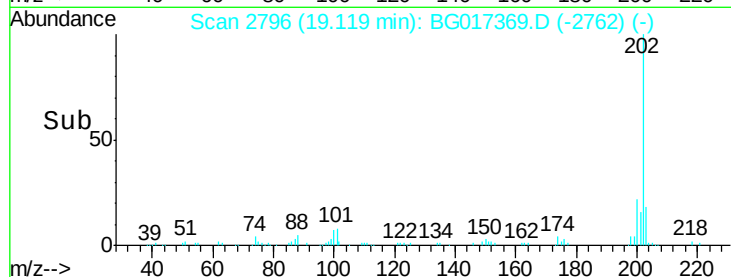
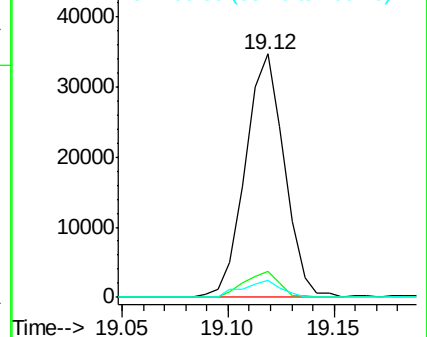
100 7.0 5.8 8.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 3.41 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

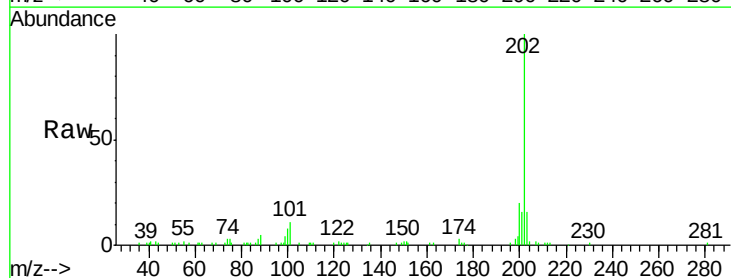
Tgt Ion:202 Resp: 40759

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

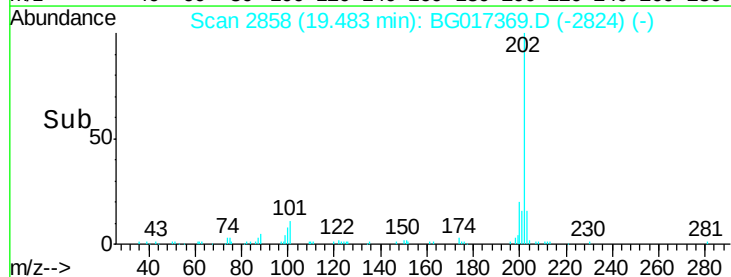
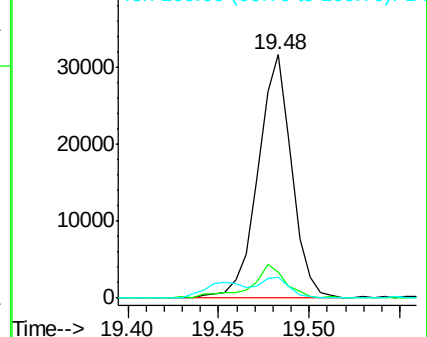
100 8.4 7.4 11.2

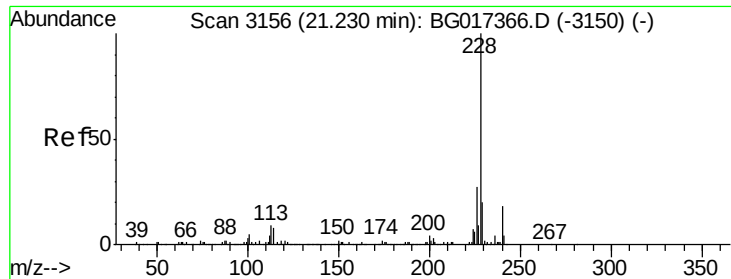


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.73 ng/ul

RT: 21.23 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Instrument :

BNA_G

ClientSampleId :

BCRF7

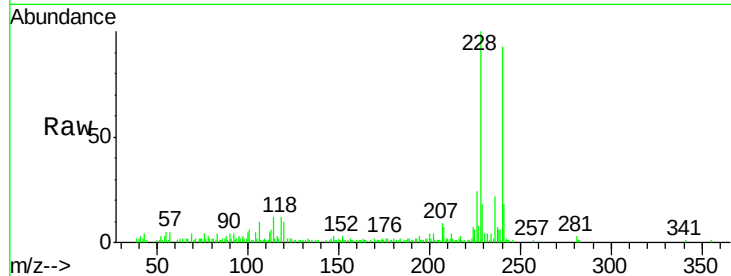
Tgt Ion:228 Resp: 30988

Ion Ratio Lower Upper

228 100

229 17.7 16.2 24.4

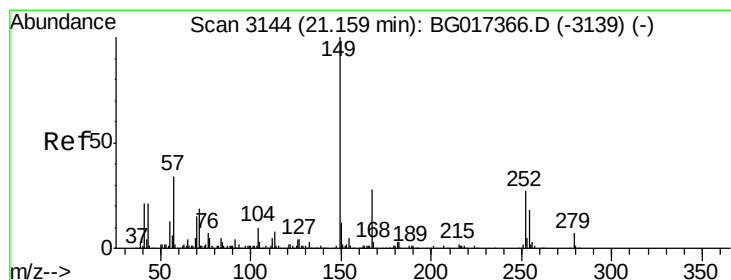
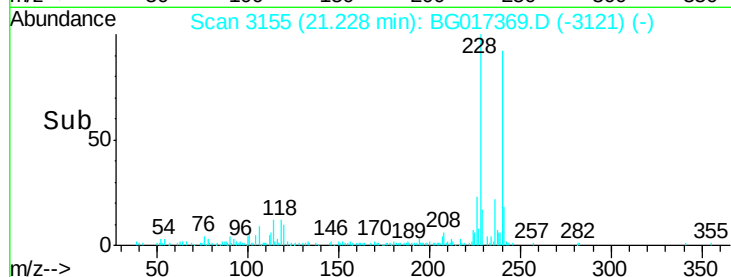
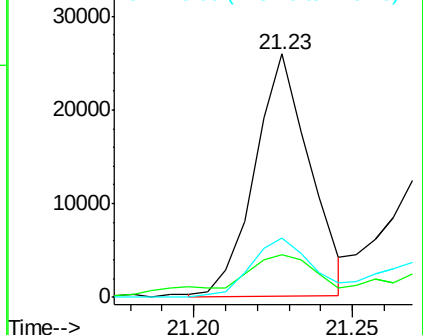
226 24.5 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.36 ng/ul

RT: 21.16 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

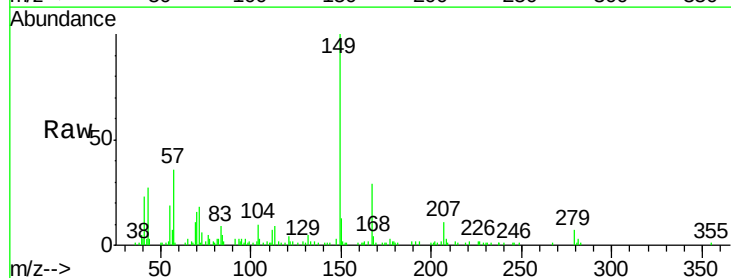
Tgt Ion:149 Resp: 18224

Ion Ratio Lower Upper

149 100

167 29.2 25.1 37.7

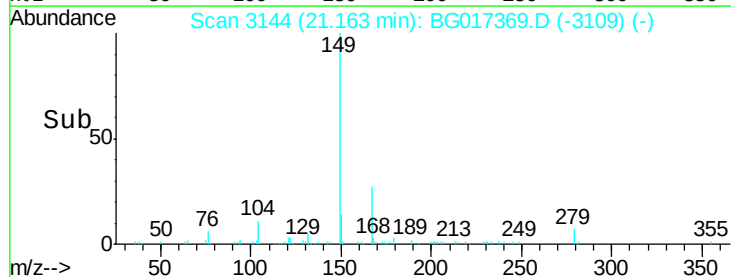
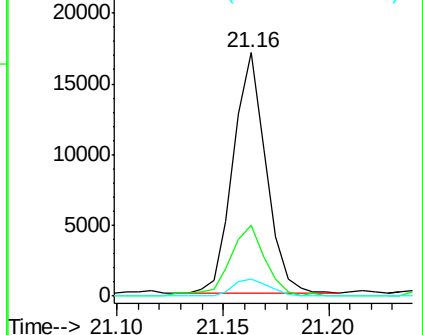
279 7.0 7.0 10.4

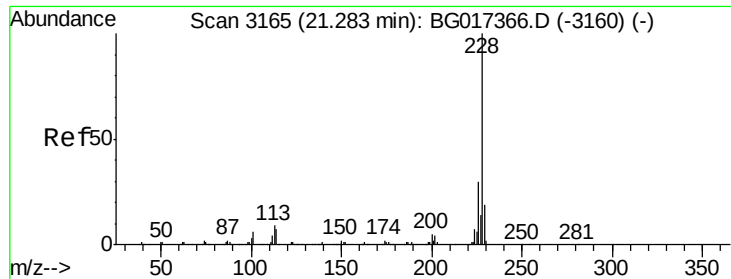


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 3.39 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Instrument :

BNA_G

ClientSampleId :

BCRF7

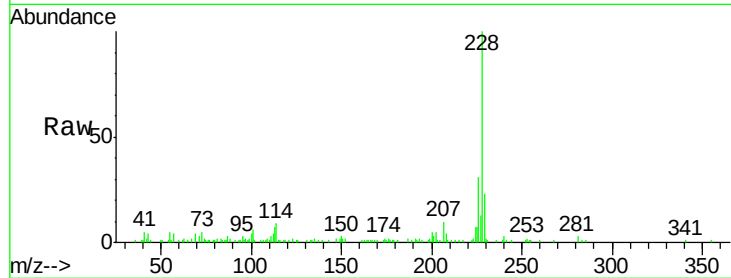
Tgt Ion:228 Resp: 35697

Ion Ratio Lower Upper

228 100

226 31.1 23.0 34.4

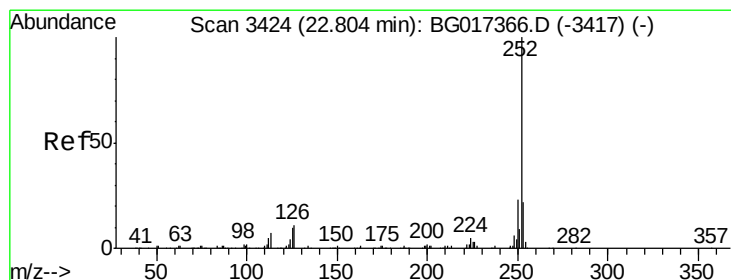
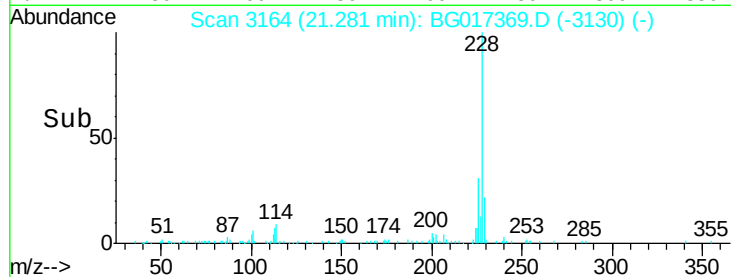
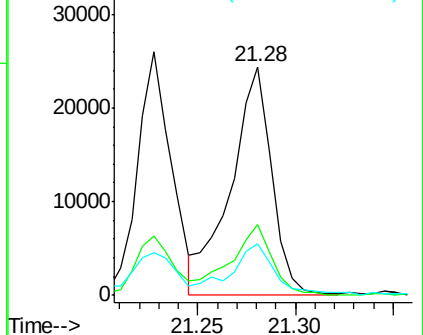
229 22.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 5.21 ng/ul

RT: 22.81 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

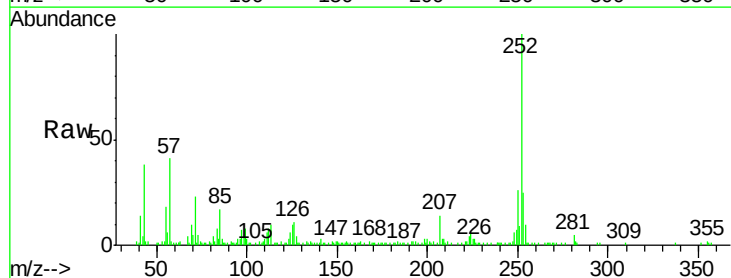
Tgt Ion:252 Resp: 58653

Ion Ratio Lower Upper

252 100

253 24.8 16.6 25.0

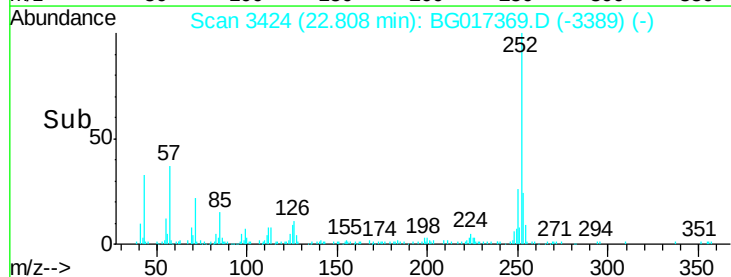
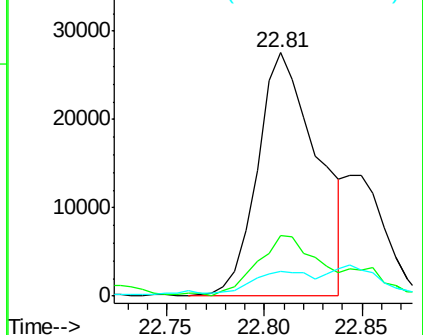
125 10.1 5.4 8.0#

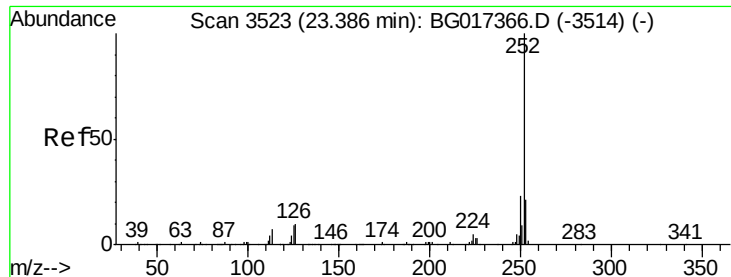


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.38 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

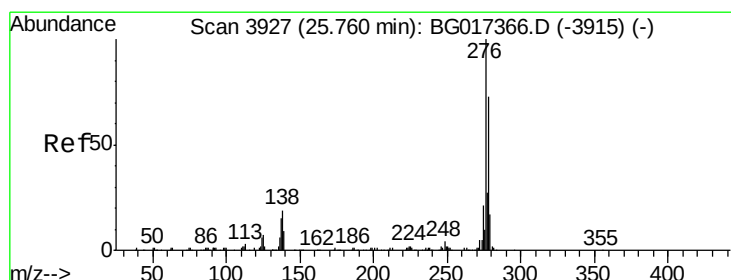
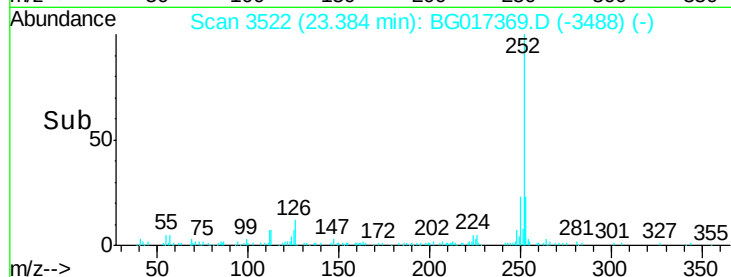
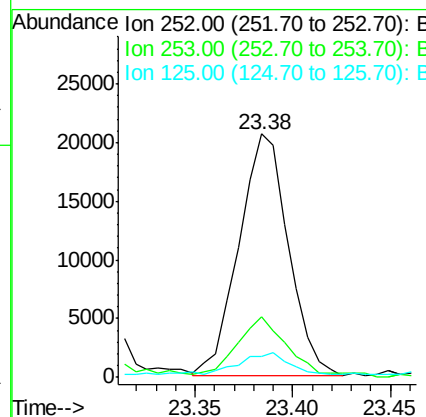
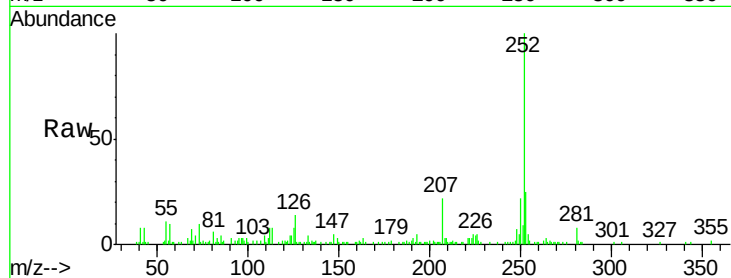
Instrument :

BNA_G

ClientSampled :

BCRF7

Tgt Ion:	252	Resp:	35937
Ion Ratio	Lower	Upper	
252	100		
253	25.1	16.9	25.3
125	8.4	7.0	10.4



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.64 ng/ul

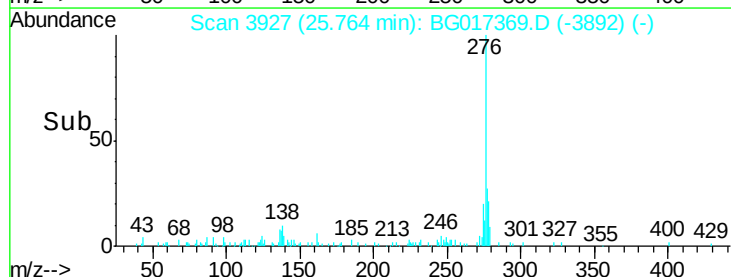
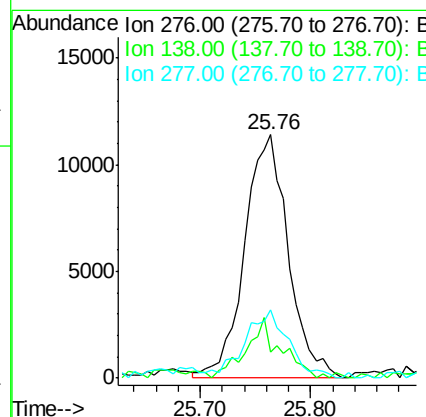
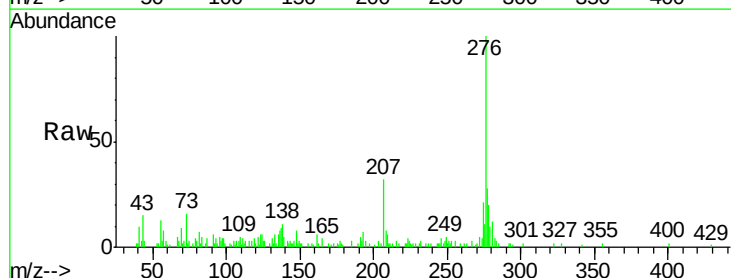
RT: 25.76 min Scan# 3927

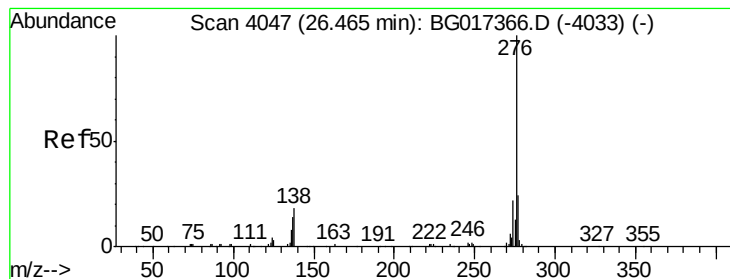
Delta R.T. 0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Tgt Ion:	276	Resp:	31648
Ion Ratio	Lower	Upper	
276	100		
138	10.6	15.3	22.9#
277	27.8	20.8	31.2





#91

Benzo(g,h,i)perylene

Concen: 3.03 ng/ul

RT: 26.47 min Scan# 4047

Delta R.T. 0.00 min

Lab File: BG017369.D

Acq: 1 Jun 2015 13:25

Instrument :

BNA_G

ClientSampleId :

BCRF7

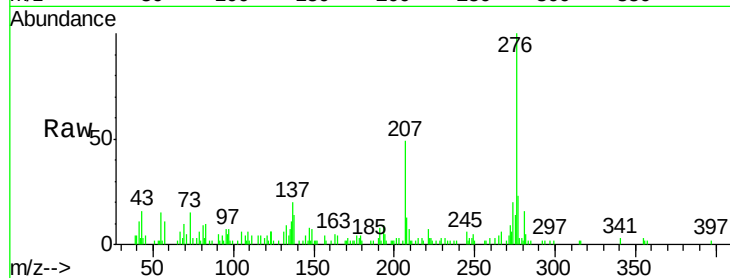
Tgt Ion: 276 Resp: 30315

Ion Ratio Lower Upper

276 100

138 13.8 15.1 22.7#

277 22.8 19.1 28.7



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

