

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
 Data File : BG017370.D
 Acq On : 1 Jun 2015 13:59
 Operator : TP/IZ
 Sample : G2431-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF8

Quant Time: Jun 02 05:48:04 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	22354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	111042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	73928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	167123	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	174505	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	172079	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1835	3.90	ng/uL	0.00
5) Phenol-d5	6.84	99	39375	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	25167	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	34578	22.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	30753	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	17444	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	19904	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	31230	17.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	39232	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	95524	18.12	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	132015	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	12848	12.78	ng/ul	0.00
57) Fluorene-d10	15.30	176	100363	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	15212	13.01	ng/ul	0.00
70) Anthracene-d10	17.15	188	147185	18.80	ng/ul	0.00
76) Pyrene-d10	19.45	212	166104	19.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	147602	19.21	ng/ul	0.00

Target Compounds

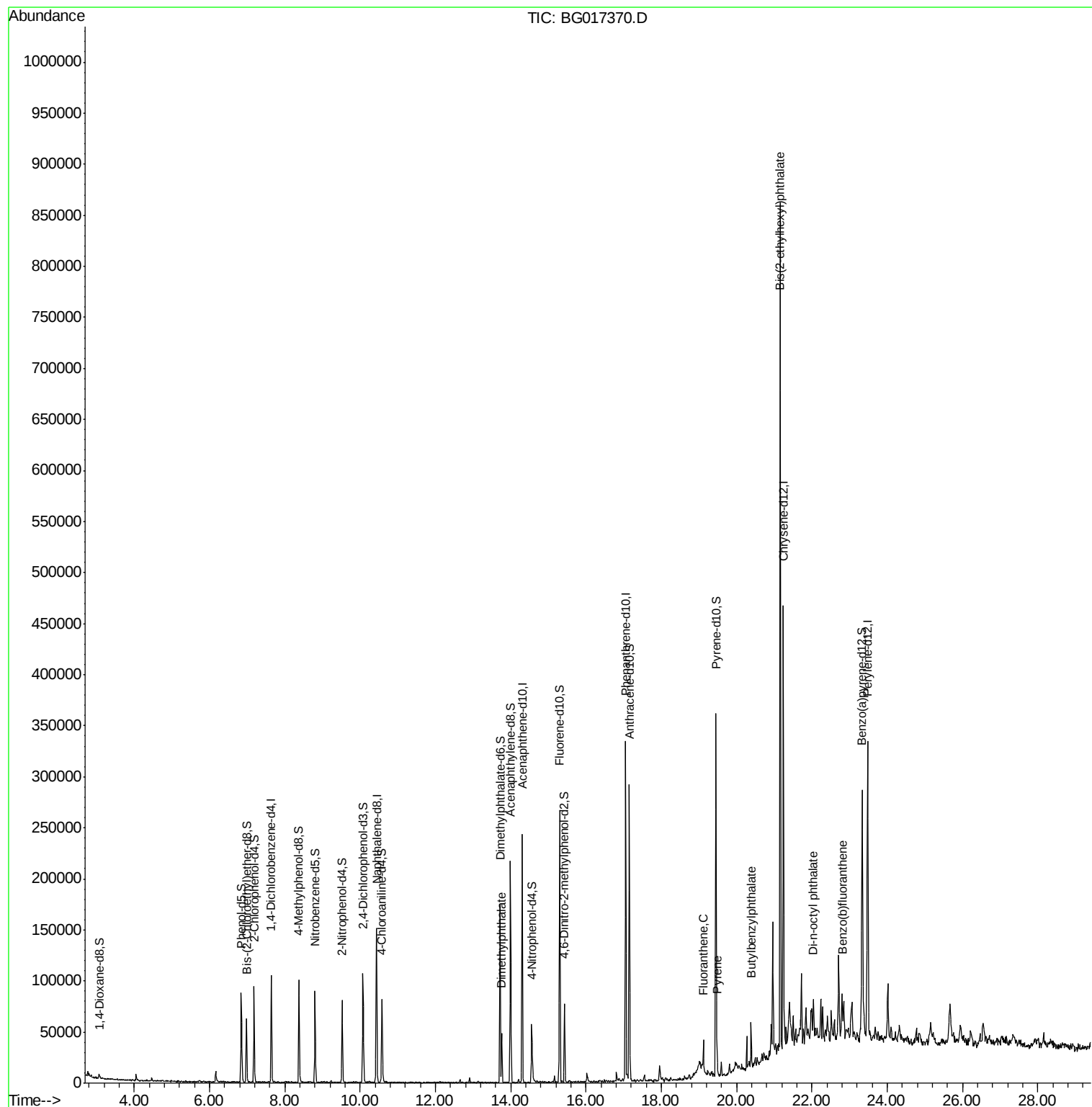
						Qvalue
44) Dimethylphthalate	13.76	163	23881	4.08	ng/ul#	96
74) Fluoranthene	19.12	202	14460	1.35	ng/ul#	95
77) Pyrene	19.48	202	13895	1.27	ng/ul#	96
78) Butylbenzylphthalate	20.39	149	10698	2.18	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.16	149	240485	34.07	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	21549	1.86	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	14131	1.36	ng/ul#	94

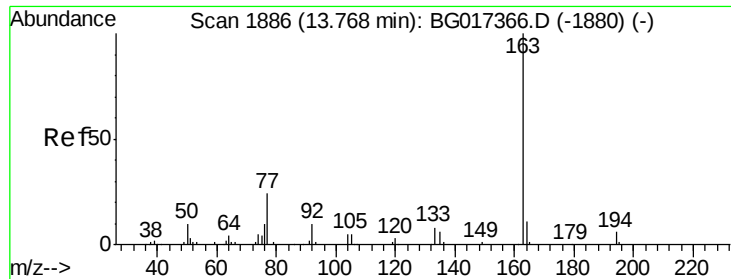
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.08 ng/ul

RT: 13.76 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG017370.D

Acq: 1 Jun 2015 13:59

Instrument :

BNA_G

ClientSampleId :

BCRF8

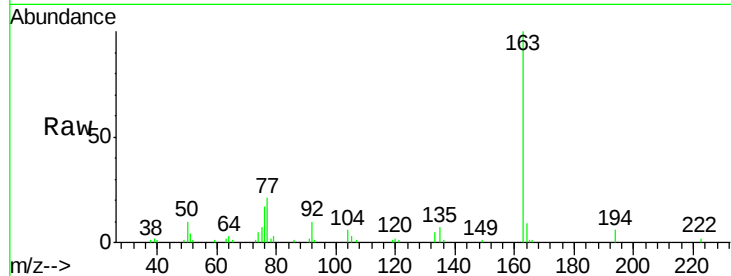
Tgt Ion:163 Resp: 23881

Ion Ratio Lower Upper

163 100

194 6.5 5.2 7.8

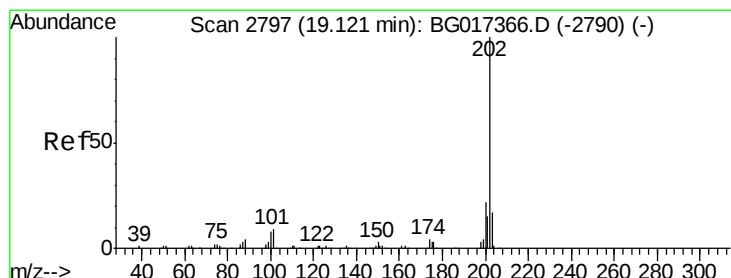
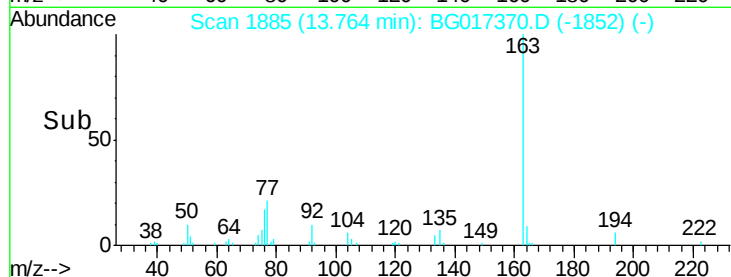
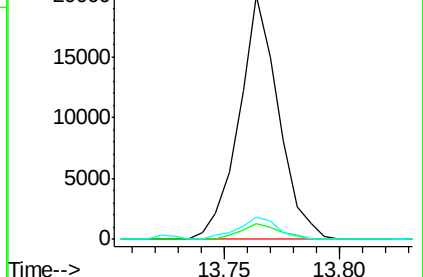
164 9.1 9.2 13.8#



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



#74

Fluoranthene

Concen: 1.35 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017370.D

Acq: 1 Jun 2015 13:59

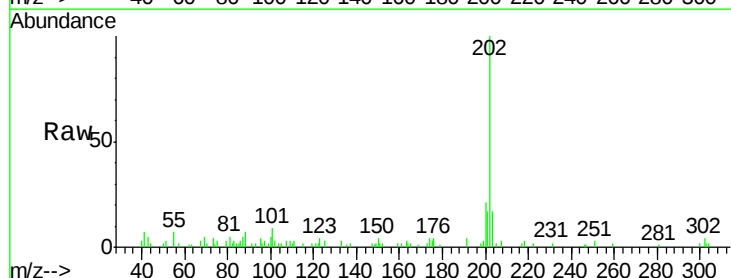
Tgt Ion:202 Resp: 14460

Ion Ratio Lower Upper

202 100

101 11.2 7.8 11.8

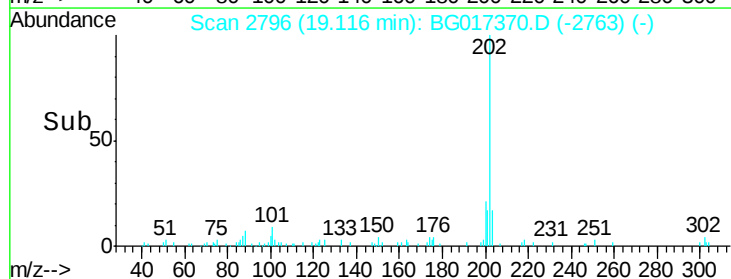
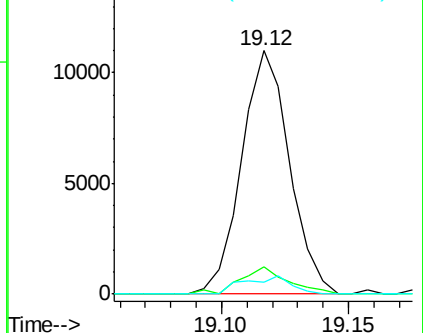
100 5.0 5.8 8.8#

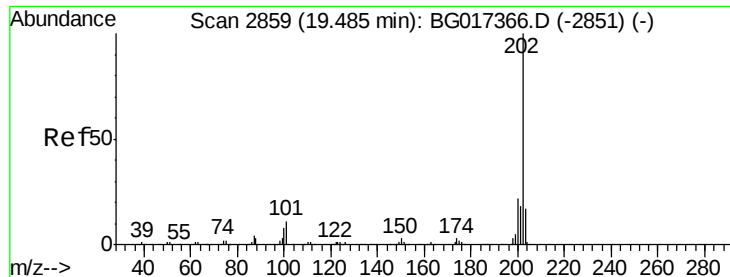


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.27 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017370.D

Acq: 1 Jun 2015 13:59

Instrument :

BNA_G

ClientSampled :

BCRF8

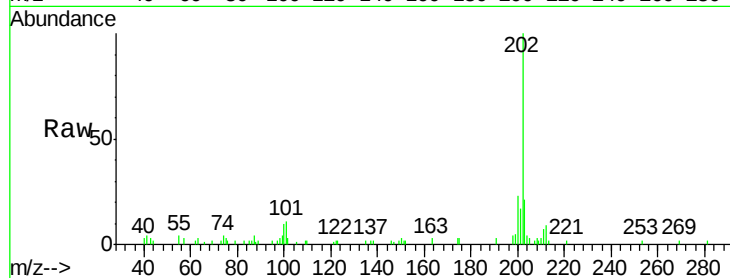
Tgt Ion:202 Resp: 13895

Ion Ratio Lower Upper

202 100

101 13.5 8.6 12.8#

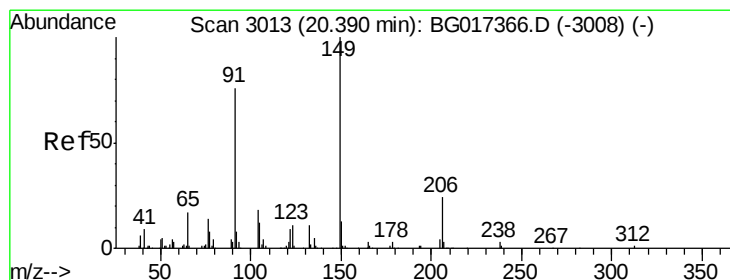
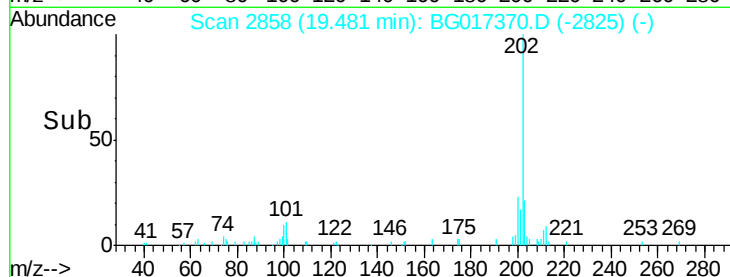
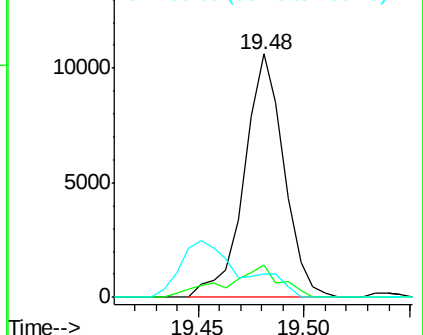
100 9.7 7.4 11.2



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



#78

Butylbenzylphthalate

Concen: 2.18 ng/ul

RT: 20.39 min Scan# 3012

Delta R.T. -0.00 min

Lab File: BG017370.D

Acq: 1 Jun 2015 13:59

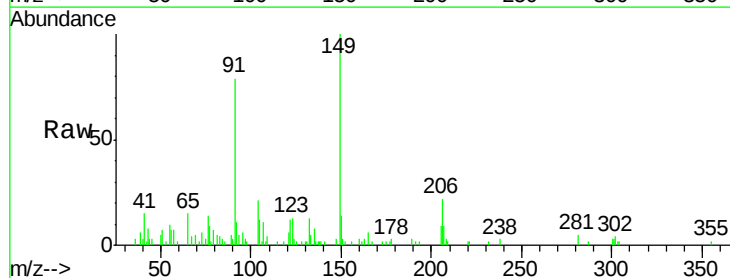
Tgt Ion:149 Resp: 10698

Ion Ratio Lower Upper

149 100

91 79.4 60.3 90.5

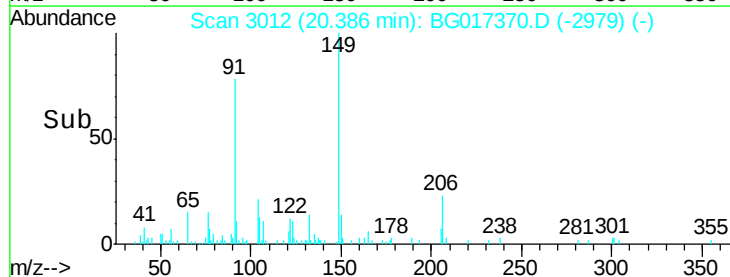
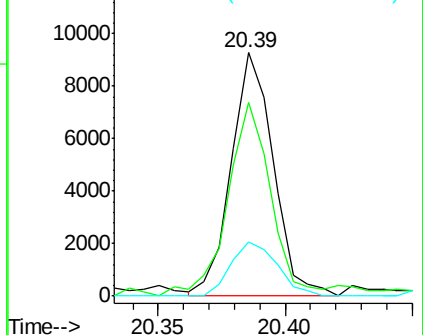
206 22.5 18.4 27.6

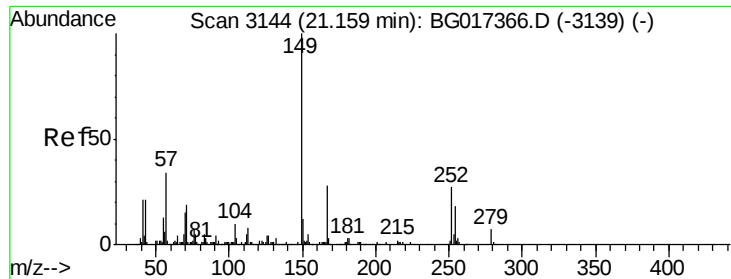


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

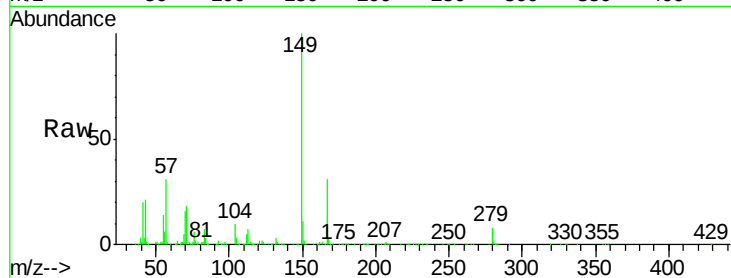




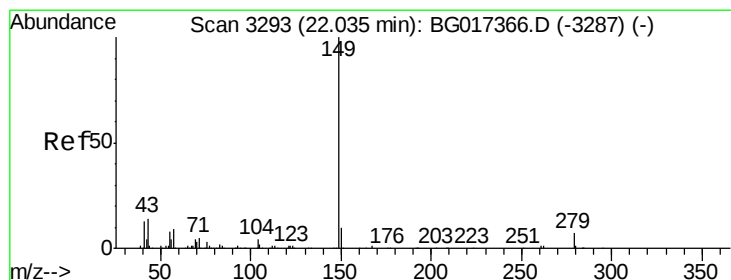
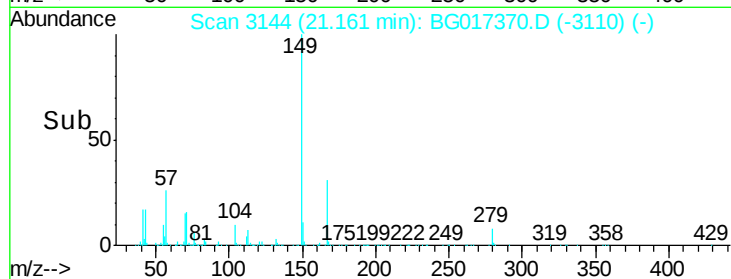
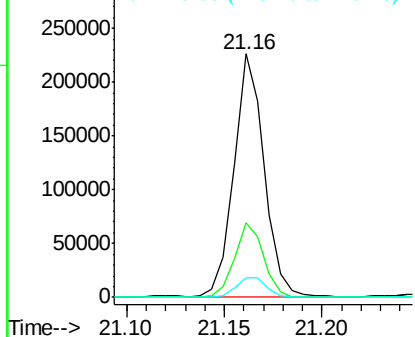
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 34.07 ng/ul
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG017370.D
 Acq: 1 Jun 2015 13:59

Instrument :
 BNA_G
 ClientSampleId :
 BCRF8

Tgt Ion:149 Resp: 240485
 Ion Ratio Lower Upper
 149 100
 167 30.7 25.1 37.7
 279 7.9 7.0 10.4

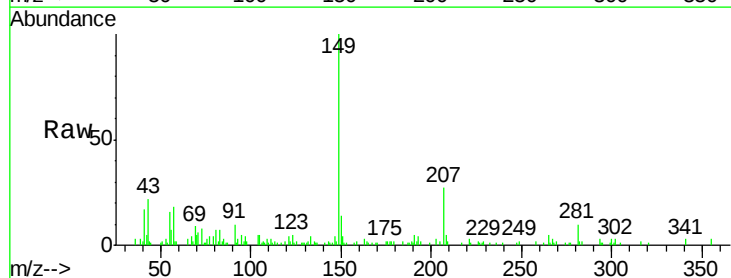


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

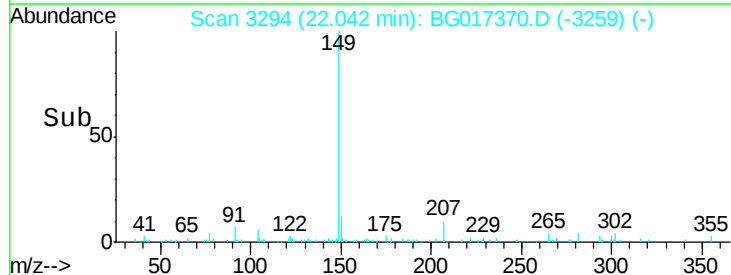
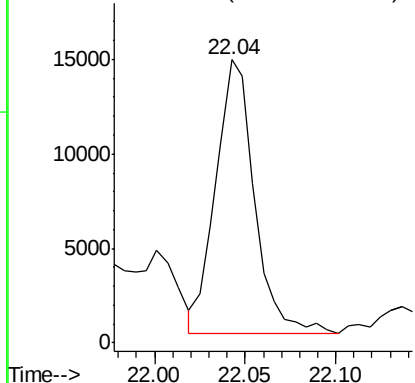


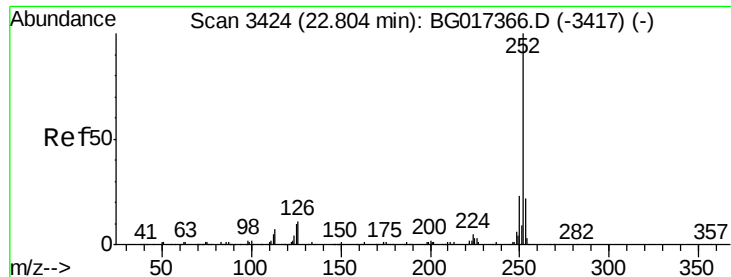
#84
 Di-n-octyl phthalate
 Concen: 1.86 ng/ul
 RT: 22.04 min Scan# 3294
 Delta R.T. 0.01 min
 Lab File: BG017370.D
 Acq: 1 Jun 2015 13:59

Tgt Ion:149 Resp: 21549



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.36 ng/ul

RT: 22.81 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG017370.D

Acq: 1 Jun 2015 13:59

Instrument :

BNA_G

ClientSampleId :

BCRF8

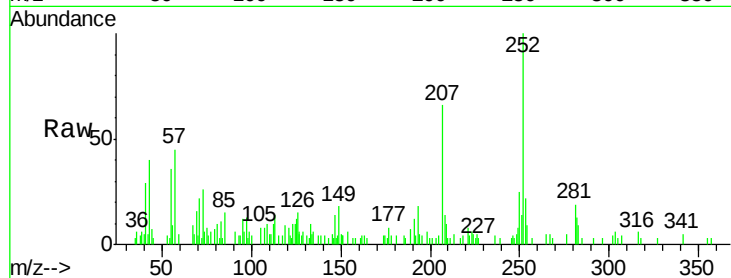
Tgt Ion:252 Resp: 14131

Ion Ratio Lower Upper

252 100

253 22.3 16.6 25.0

125 12.0 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

