

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028532.D
 Acq On : 28 Aug 2017 23:50
 Operator : SJ/JU
 Sample : I4905-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX6

Quant Time: Aug 29 04:00:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44624	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	186215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	120323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	279003	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	332208	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	337280	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6247	6.52	ng/uL	0.00
5) Phenol-d5	7.49	99	167033	34.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	101323	32.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	122506	39.62	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	137610	33.60	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	62784	43.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	75241	47.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	139802	42.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	110009	29.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	442302	41.33	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	513381	42.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	56971	33.48	ng/ul	0.00
57) Fluorene-d10	15.94	176	378407	39.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	52924	29.20	ng/ul	0.00
70) Anthracene-d10	17.80	188	614649	45.94	ng/ul	0.00
76) Pyrene-d10	20.07	212	711451	41.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	705914	44.71	ng/ul	0.03

Target Compounds

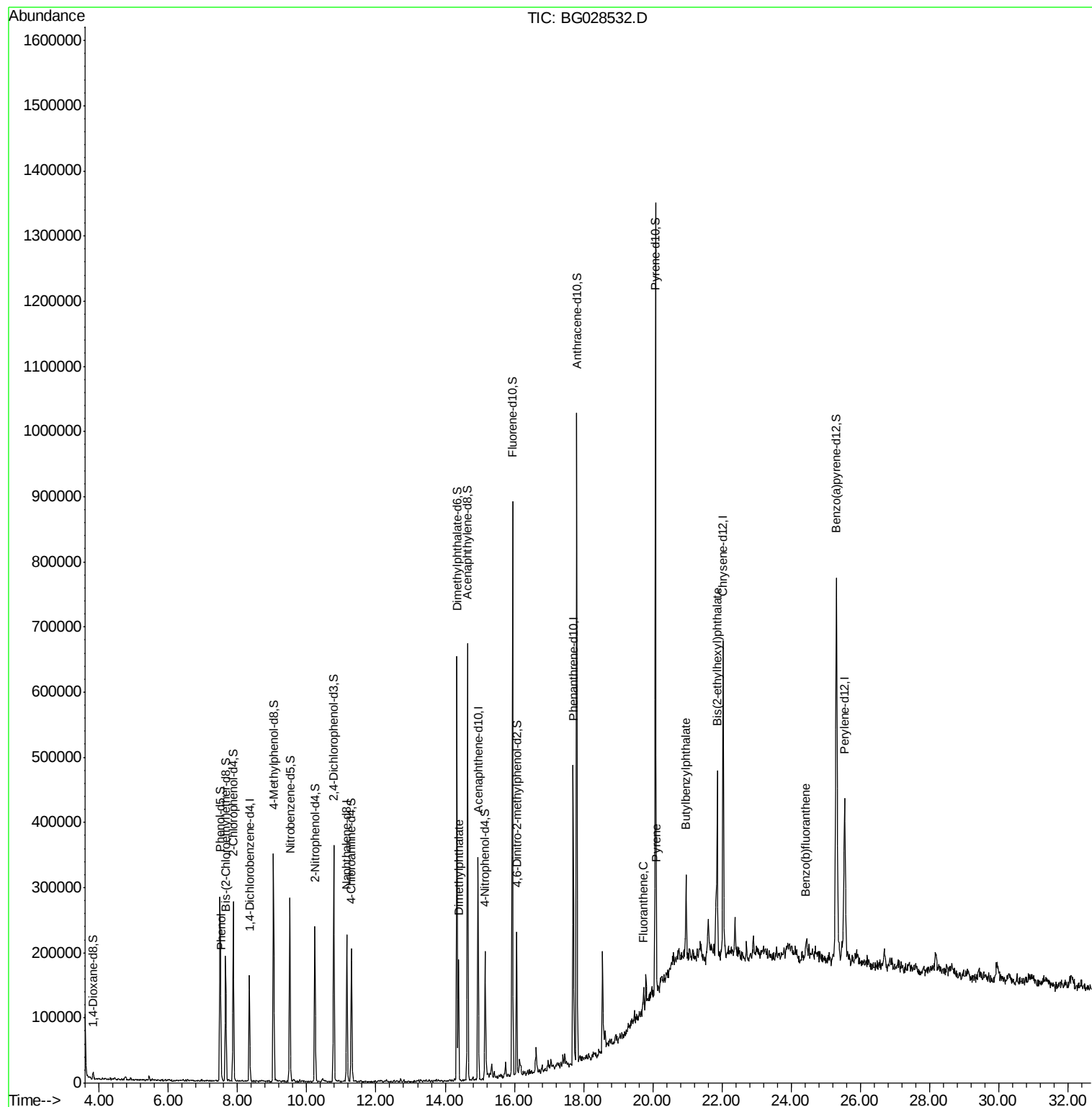
				Ovalue	
6) Phenol	7.52	94	9492	1.949	ng/ul# 81
44) Dimethylphthalate	14.39	163	111370	11.302	ng/ul 99
74) Fluoranthene	19.74	202	19935	1.168	ng/ul# 94
77) Pyrene	20.10	202	21863	1.103	ng/ul# 94
78) Butylbenzylphthalate	20.97	149	37939	5.110	ng/ul 91
81) Bis(2-ethylhexyl)phthalate	21.86	149	199953	18.935	ng/ul 97
85) Benzo(b)fluoranthene	24.42	252	21648	1.073	ng/ul# 91

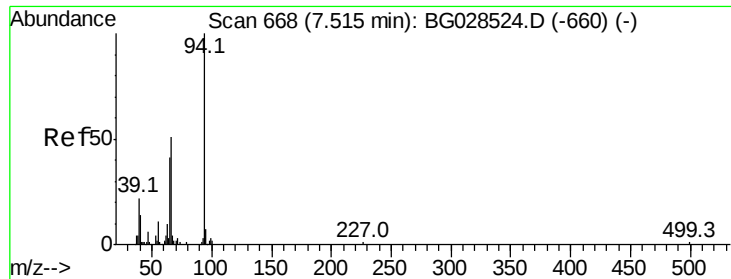
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.949 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028532.D

Acq: 28 Aug 2017 23:50

Instrument :

BNA_G

ClientSampleId :

B0AX6

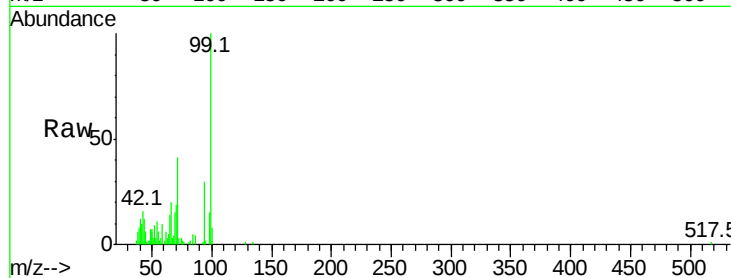
Tot Ion: 94 Resp: 9492

Ion Ratio Lower Upper

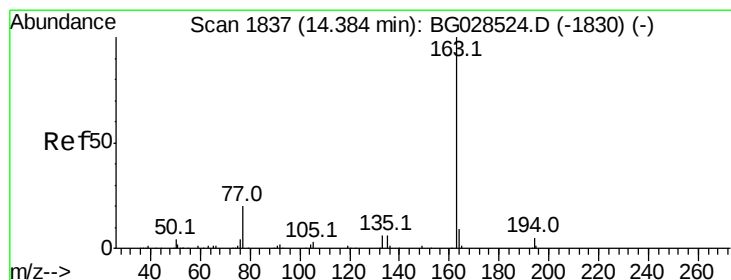
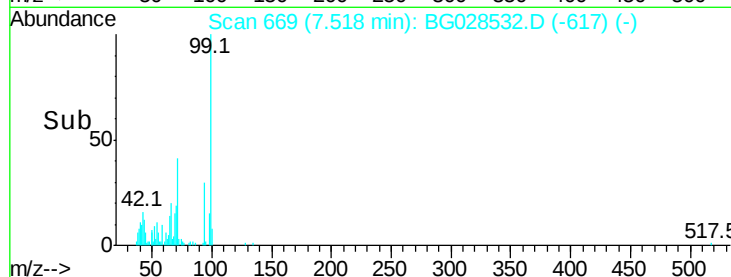
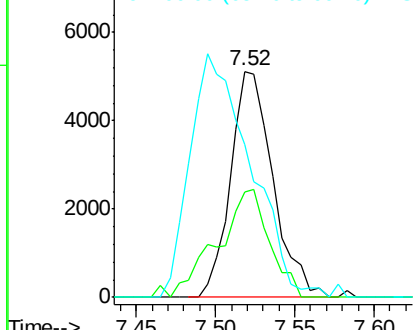
94 100

65 46.4 26.8 40.2#

66 67.3 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 11.302 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028532.D

Acq: 28 Aug 2017 23:50

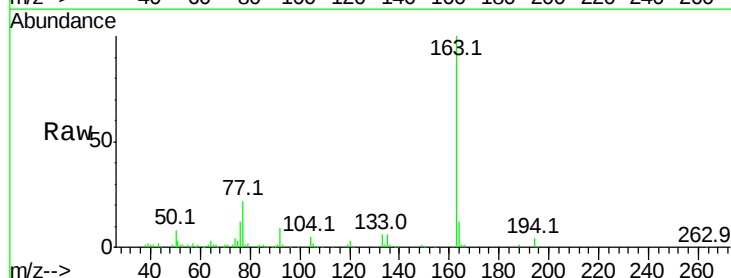
Tgt Ion:163 Resp: 111370

Ion Ratio Lower Upper

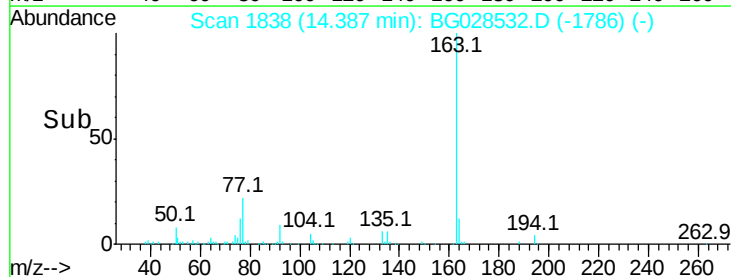
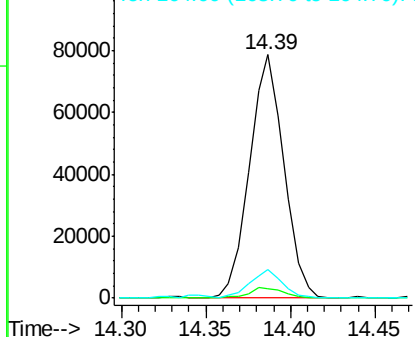
163 100

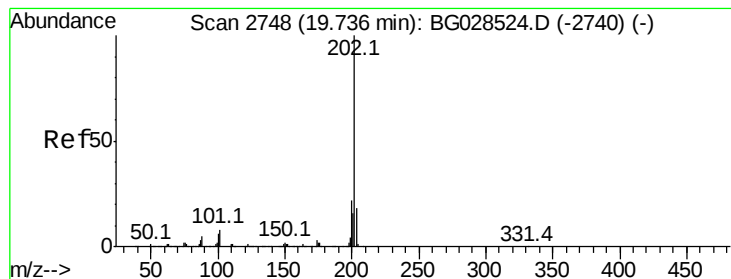
194 3.9 3.4 5.0

164 11.6 9.0 13.4



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: 1.168 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028532.D

Acq: 28 Aug 2017 23:50

Instrument :

BNA_G

ClientSampleId :

B0AX6

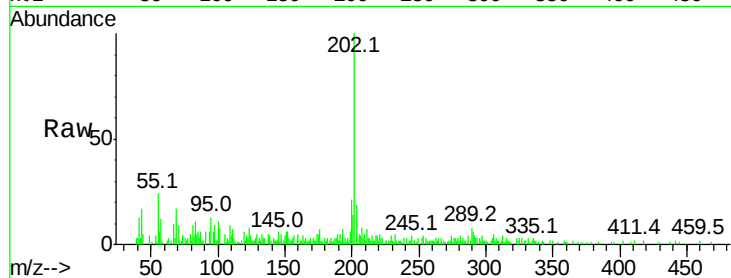
Tot Ion:202 Resp: 19935

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.2

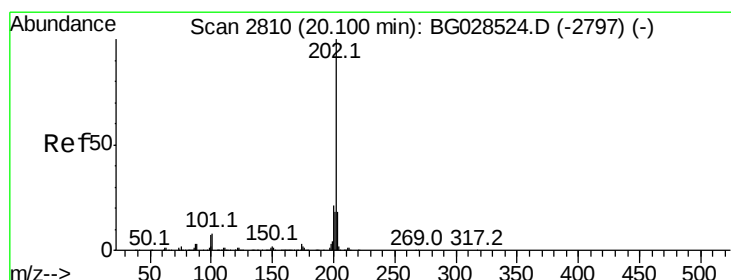
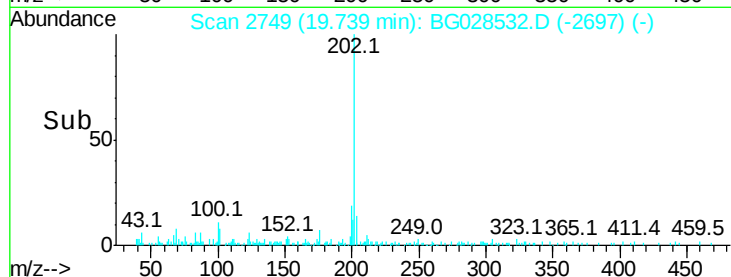
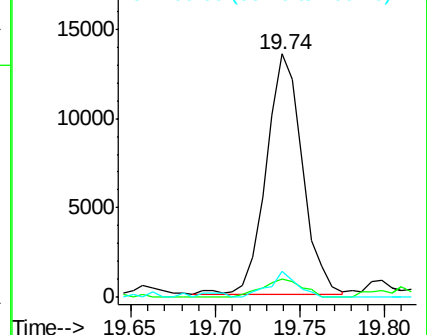
100 10.8 5.2 7.8#



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: 1.103 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028532.D

Acq: 28 Aug 2017 23:50

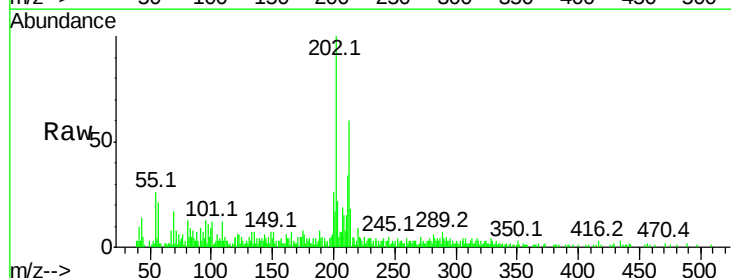
Tgt Ion:202 Resp: 21863

Ion Ratio Lower Upper

202 100

101 12.0 6.9 10.3#

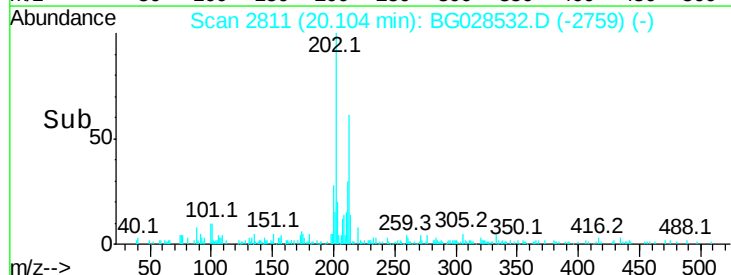
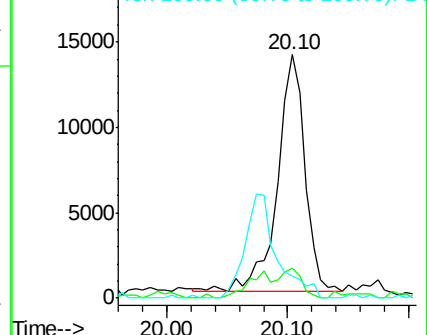
100 8.9 6.6 10.0

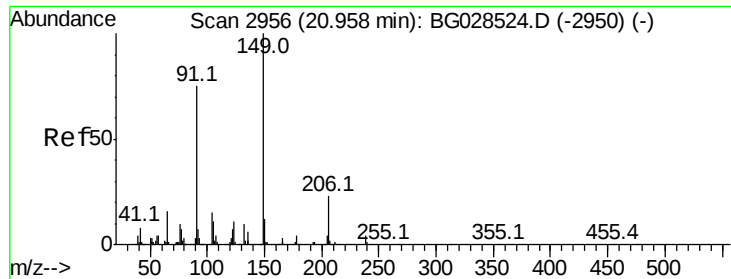


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

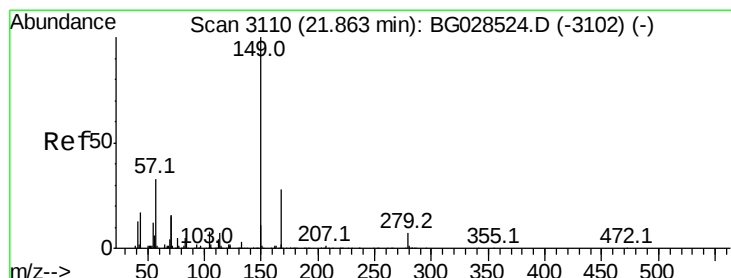
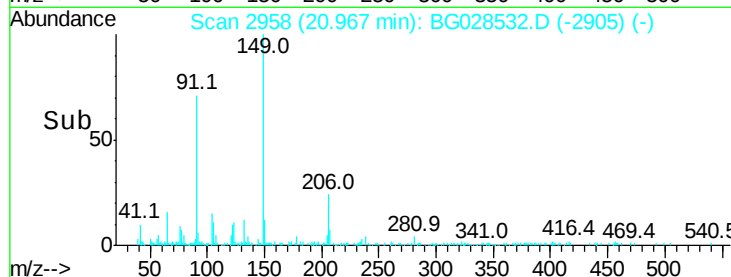
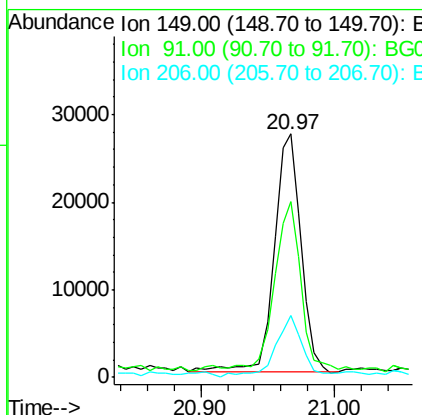
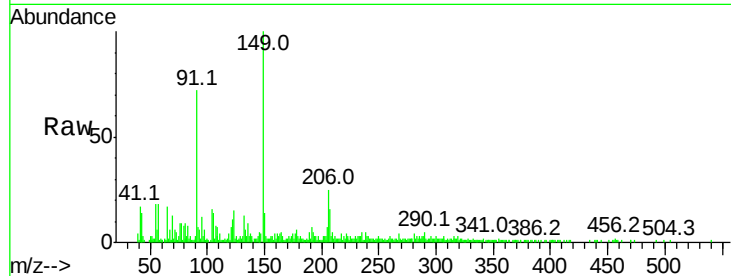




#78
 Butylbenzylphthalate
 Concen: 5.110 ng/ul
 RT: 20.97 min Scan# 2958
 Delta R.T. 0.01 min
 Lab File: BG028532.D
 Acq: 28 Aug 2017 23:50

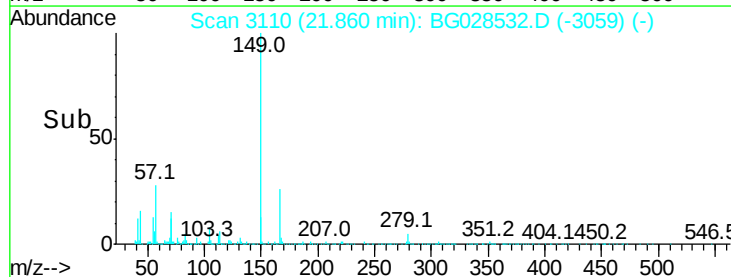
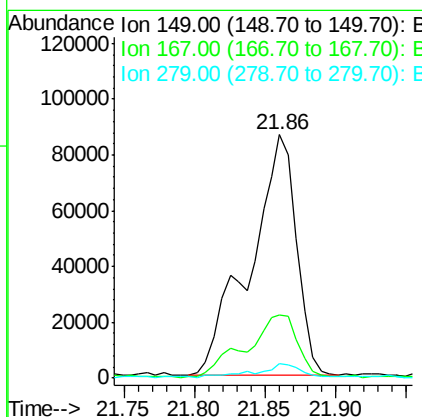
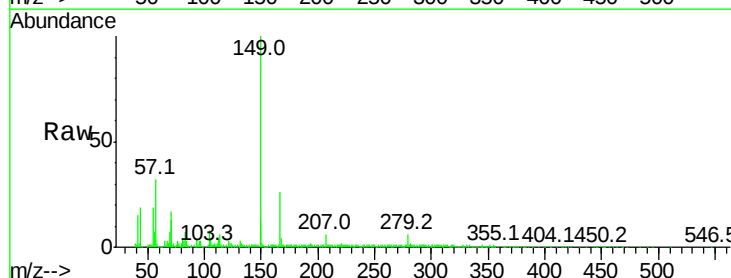
Instrument :
 BNA_G
 ClientSampleId :
 B0AX6

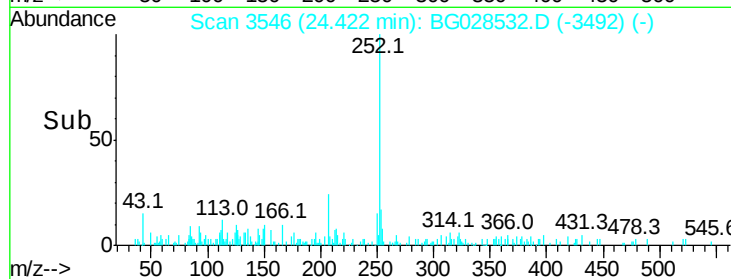
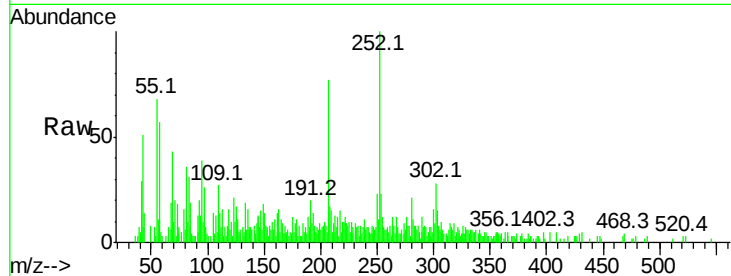
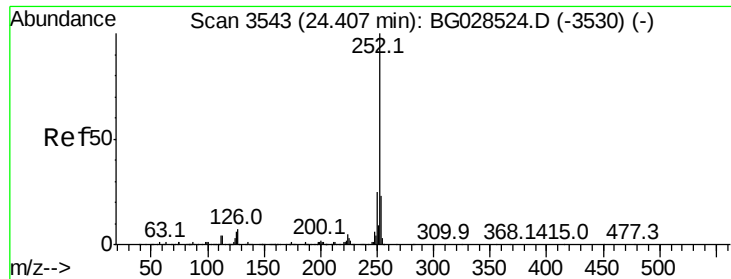
Tot Ion:149 Resp: 37939
 Ion Ratio Lower Upper
 149 100
 91 72.2 65.8 98.6
 206 25.5 20.1 30.1



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 18.935 ng/ul
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG028532.D
 Acq: 28 Aug 2017 23:50

Tgt Ion:149 Resp: 199953
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.8
 279 5.8 4.5 6.7





#85

Benzo(b)fluoranthene

Concen: 1.073 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.02 min

Lab File: BG028532.D

Acq: 28 Aug 2017 23:50

Instrument :

BNA_G

ClientSampleId :

B0AX6

Tot Ion:252 Resp: 21648

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 17.4 4.0 6.0#

