

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021115\
 Data File : BG015981.D
 Acq On : 11 Feb 2015 11:22
 Operator : TP/IZ
 Sample : G1227-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X1H33

Quant Time: Feb 11 22:50:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG021015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 22:42:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	69873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	335274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	208333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	440196	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	476368	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	447158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.98	99	252888	36.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	150846	37.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	179275	34.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	208276	39.09	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	101419	36.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	102708	36.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	174513	34.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	301653	50.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	603472	43.13	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	740871	38.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	135266	38.88	ng/ul	0.01
57) Fluorene-d10	15.44	176	539139	39.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	85593	34.60	ng/ul	0.00
70) Anthracene-d10	17.28	188	806398	39.89	ng/ul	0.00
76) Pyrene-d10	19.57	212	874584	41.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	820900	41.46	ng/ul	0.00

Target Compounds

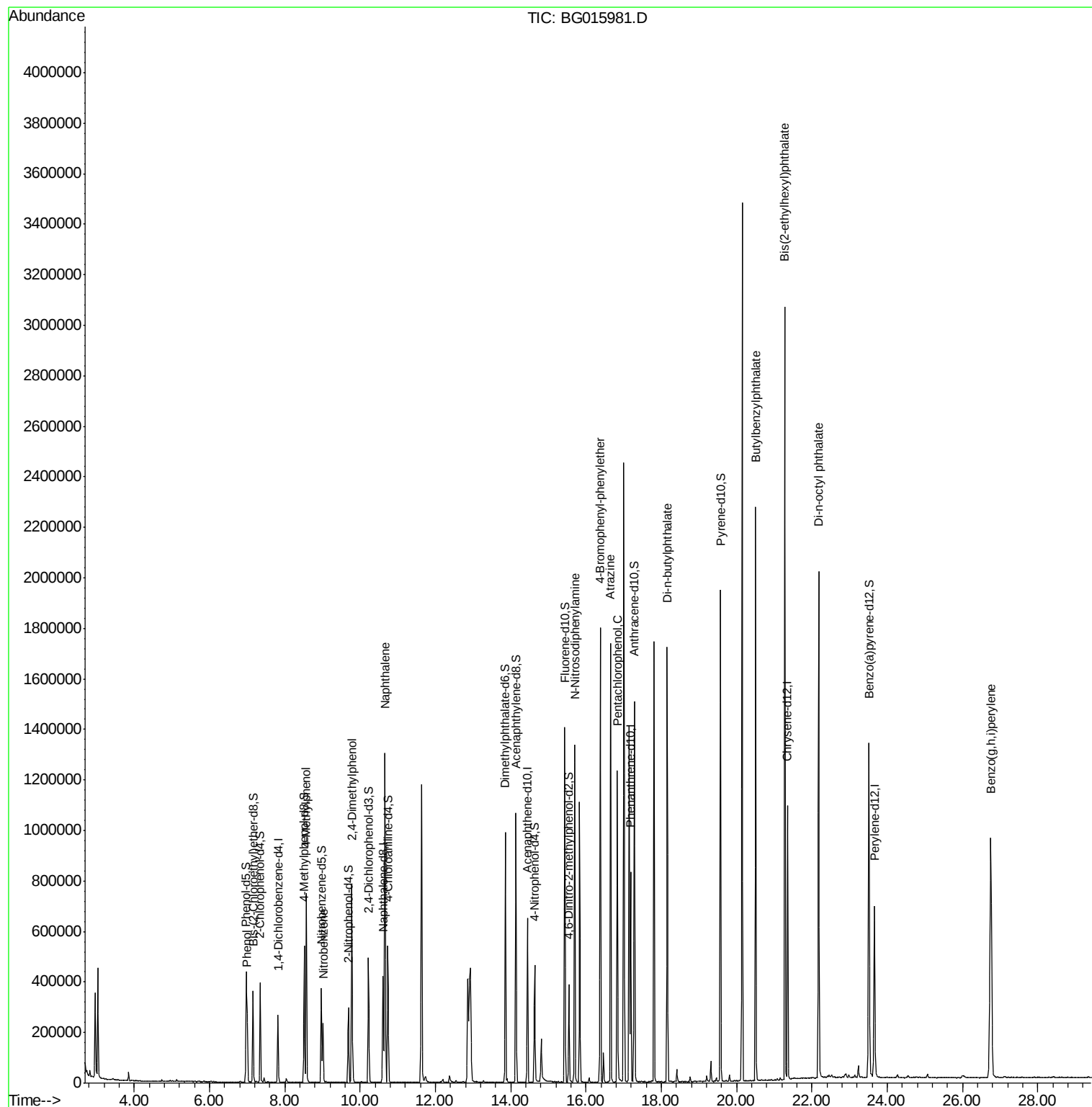
						Qvalue
6) Phenol	7.00	94	150071	20.73	ng/ul	99
16) 4-Methylphenol	8.57	108	273458	46.19	ng/ul	95
20) Nitrobenzene	9.02	77	131367	20.51	ng/ul	97
24) 2,4-Dimethylphenol	9.78	107	277789	44.58	ng/ul	97
28) Naphthalene	10.66	128	1051613	60.28	ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	497481	36.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	325572	71.12	ng/ul	98
67) Atrazine	16.65	200	276447	58.70	ng/ul	97
68) Pentachlorophenol	16.84	266	210501	70.81	ng/ul	99
73) Di-n-butylphthalate	18.16	149	1244685	44.72	ng/ul	98
78) Butylbenzylphthalate	20.51	149	613510	48.88	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	927788	55.83	ng/ul	96
84) Di-n-octyl phthalate	22.18	149	1306345	48.72	ng/ul	100
91) Benzo(g,h,i)perylene	26.75	276	1129098	46.36	ng/ul	97

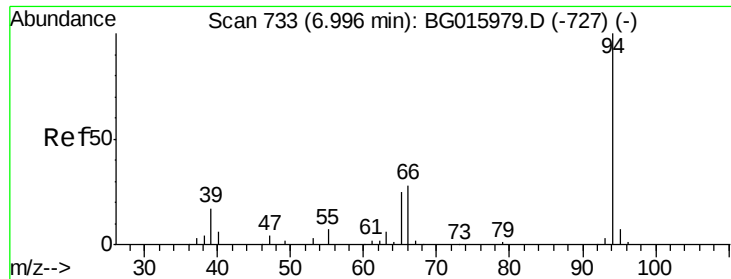
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 20.73 ng/ul

RT: 7.00 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

Instrument :

BNA_G

ClientSampleId :

X1H33

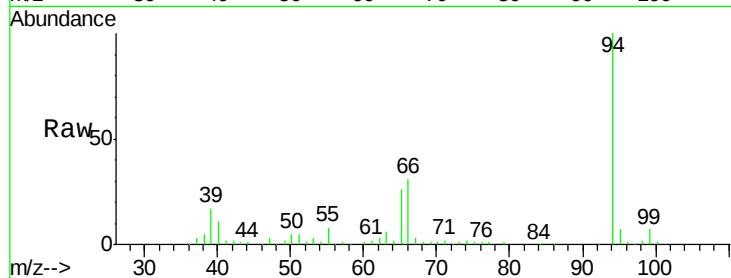
Tgt Ion: 94 Resp: 150071

Ion Ratio Lower Upper

94 100

65 25.6 21.0 31.6

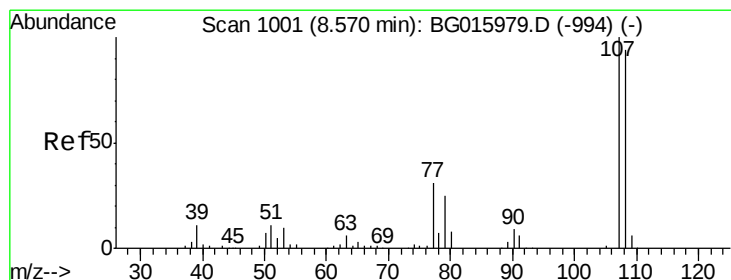
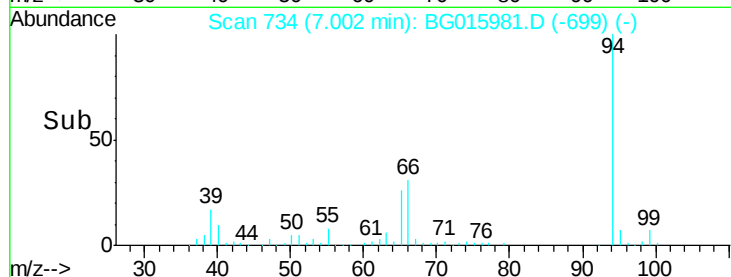
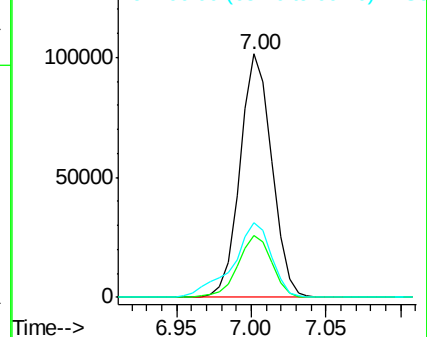
66 30.9 24.4 36.6



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



#16

4-Methylphenol

Concen: 46.19 ng/ul

RT: 8.57 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BG015981.D

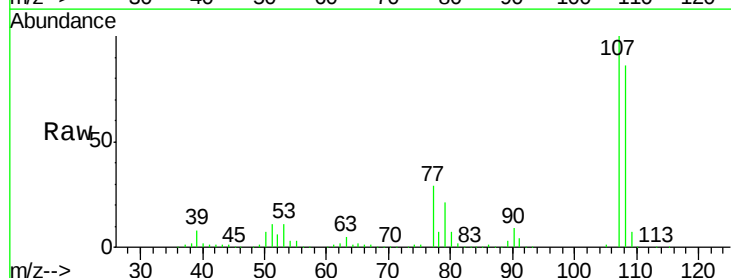
Acq: 11 Feb 2015 11:22

Tgt Ion: 108 Resp: 273458

Ion Ratio Lower Upper

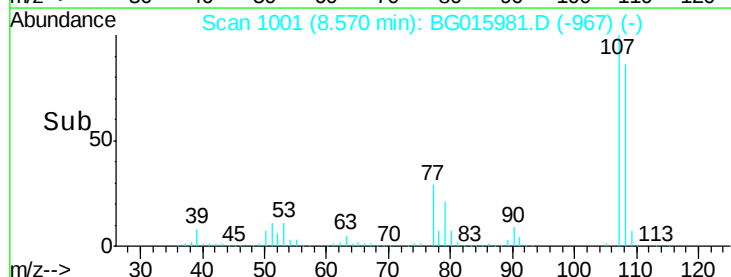
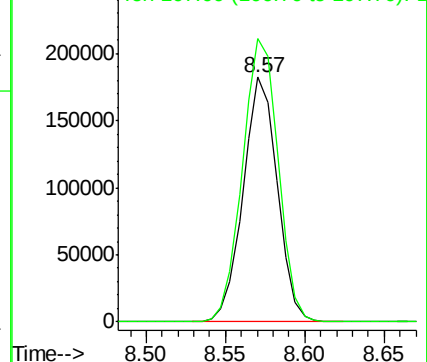
108 100

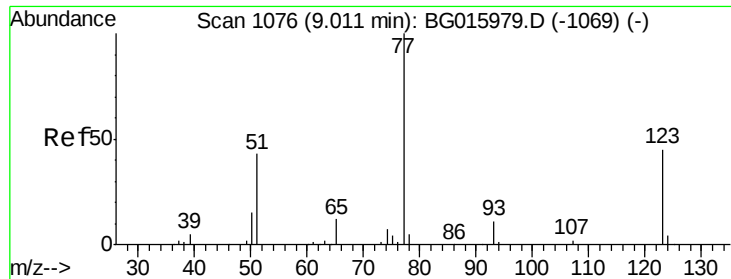
107 115.7 88.4 132.6



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC

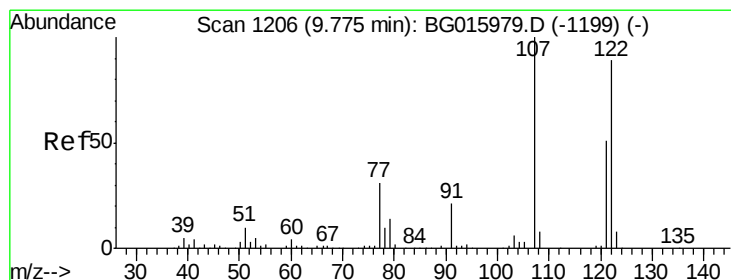
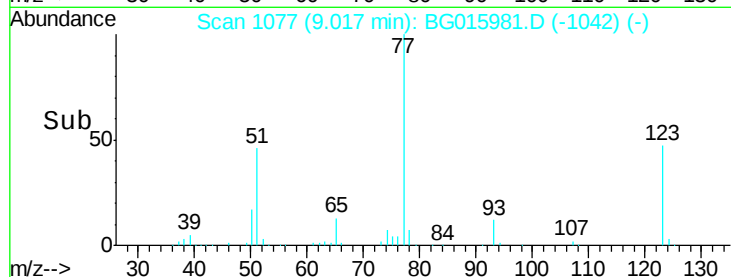
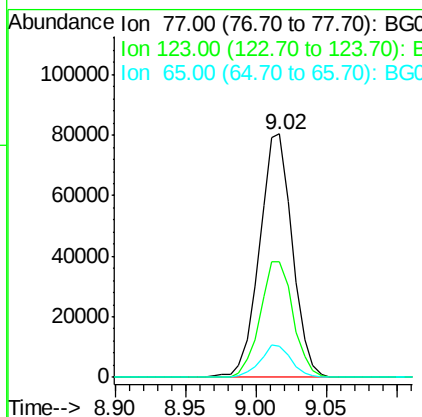
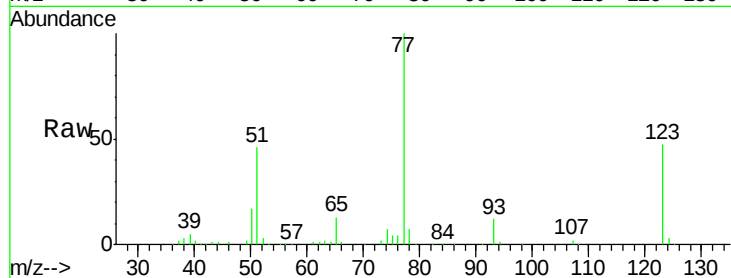




#20
Nitrobenzene
Concen: 20.51 ng/ul
RT: 9.02 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BG015981.D
Acq: 11 Feb 2015 11:22

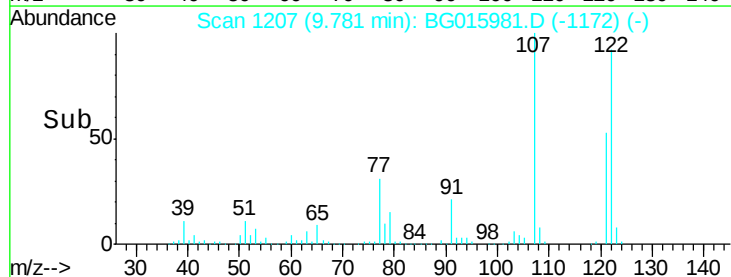
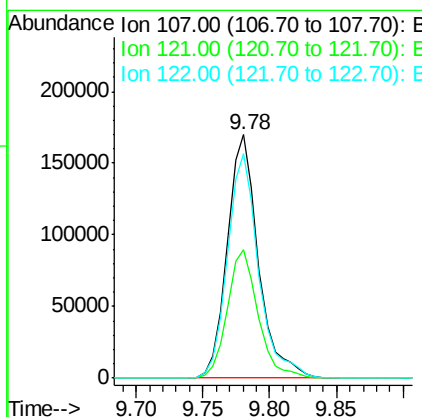
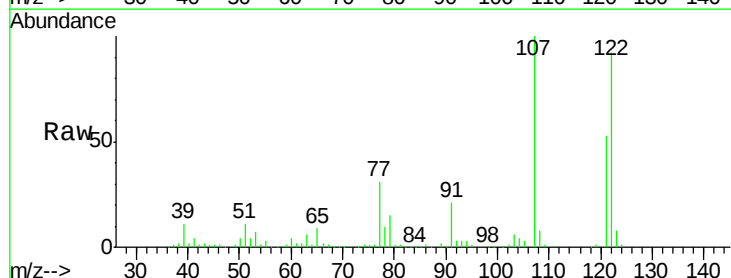
Instrument :
BNA_G
ClientSampleId :
X1H33

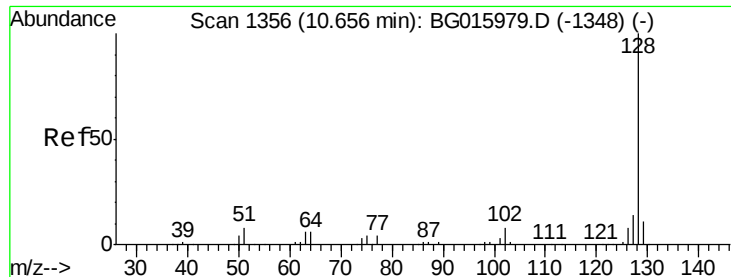
Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.9	59.9
65	12.6	10.2	15.2



#24
2,4-Dimethylphenol
Concen: 44.58 ng/ul
RT: 9.78 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG015981.D
Acq: 11 Feb 2015 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
121	53.0	40.7	61.1
122	92.0	71.4	107.0





#28

Naphthalene

Concen: 60.28 ng/ul

RT: 10.66 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

Instrument :

BNA_G

ClientSampleId :

X1H33

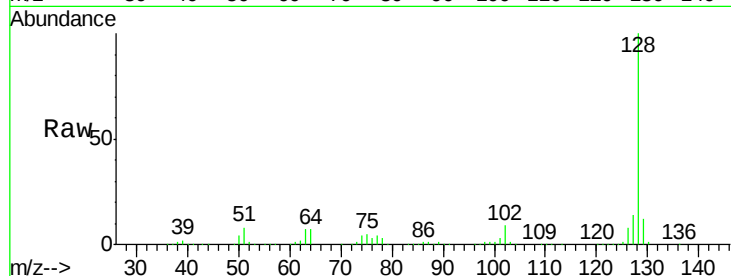
Tgt Ion:128 Resp: 1051613

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

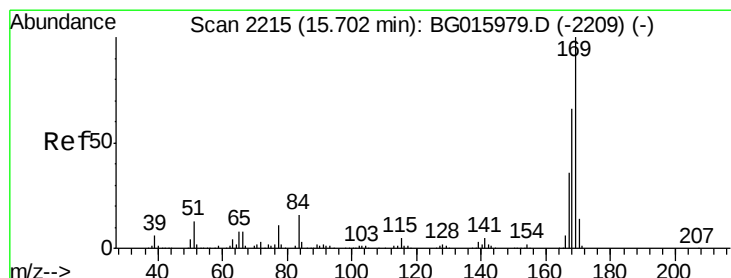
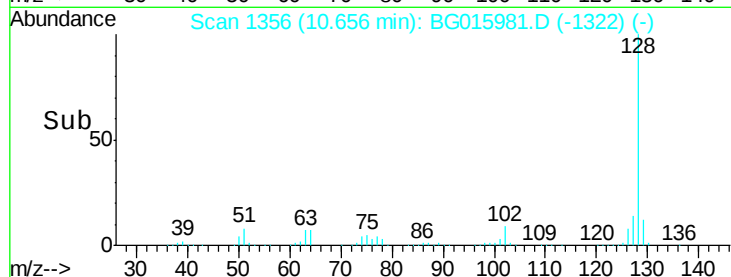
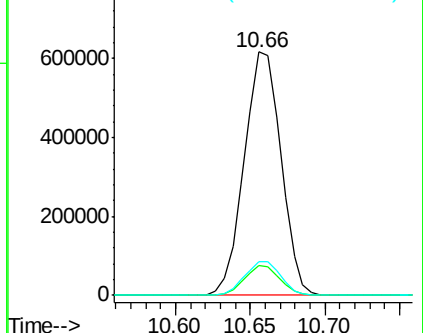
127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#64

N-Nitrosodiphenylamine

Concen: 36.12 ng/ul

RT: 15.70 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

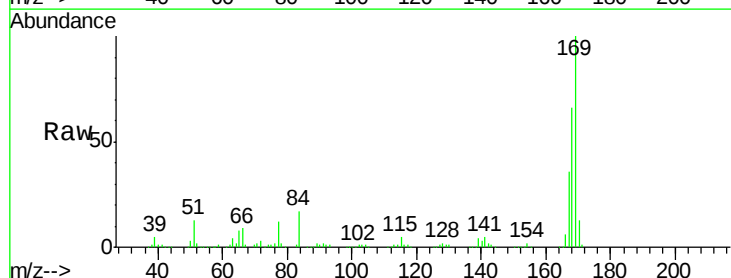
Tgt Ion:169 Resp: 497481

Ion Ratio Lower Upper

169 100

168 66.3 51.8 77.8

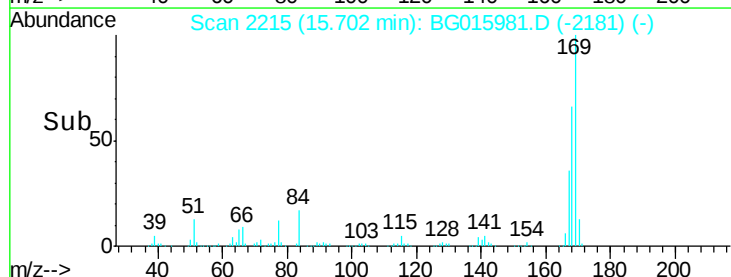
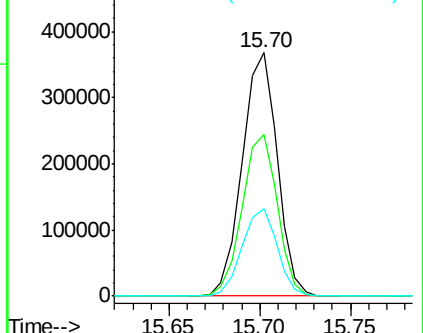
167 35.7 28.2 42.4

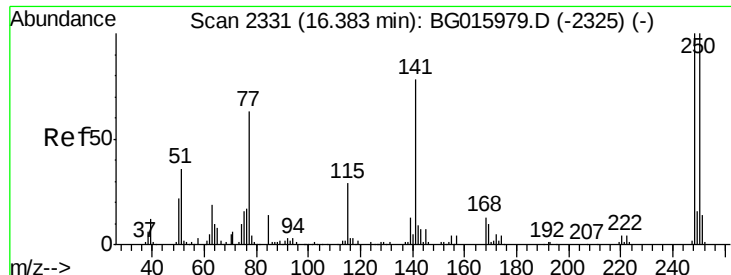


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

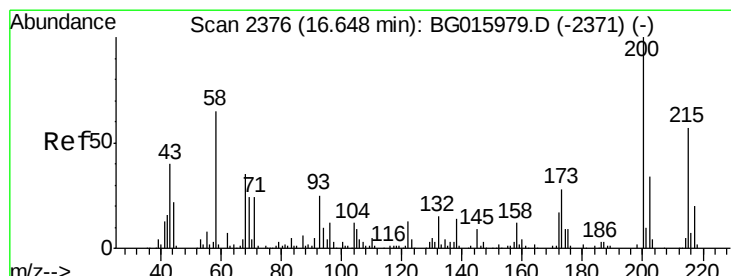
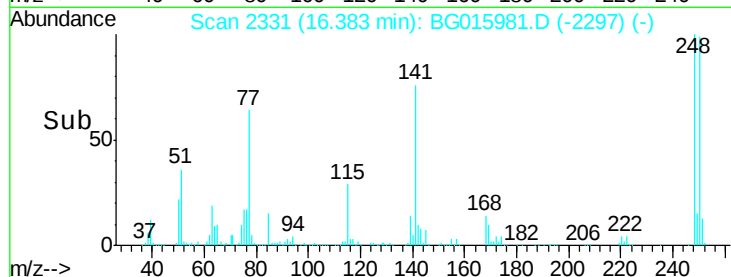
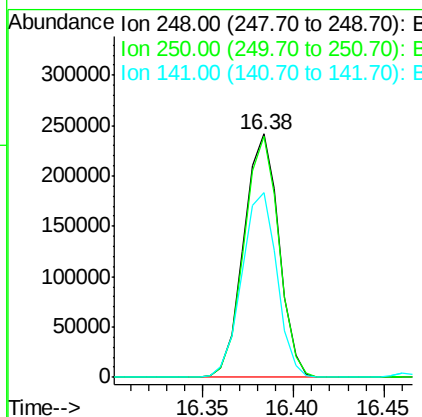
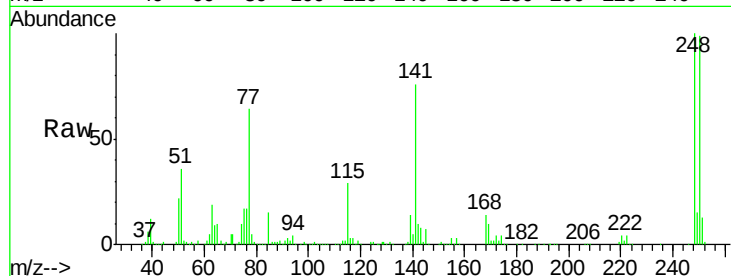




#65
 4-Bromophenyl-phenylether
 Concen: 71.12 ng/ul
 RT: 16.38 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG015981.D
 Acq: 11 Feb 2015 11:22

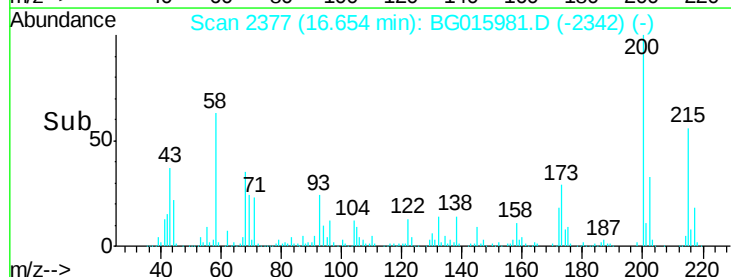
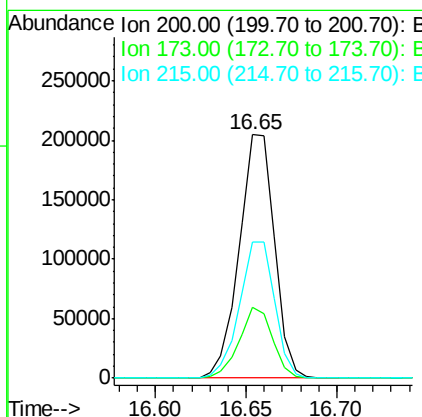
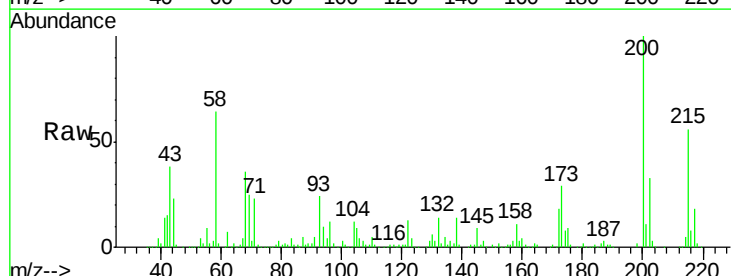
Instrument :
 BNA_G
 ClientSampleId :
 X1H33

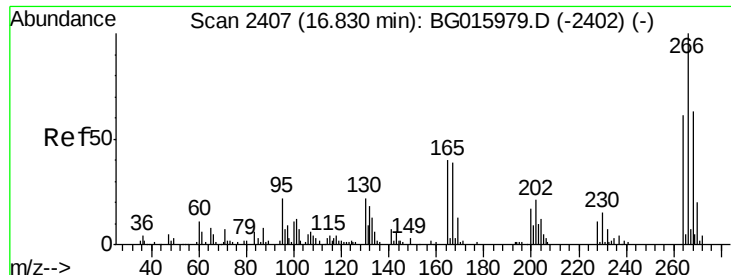
Tgt Ion:248 Resp: 325572
 Ion Ratio Lower Upper
 248 100
 250 99.1 79.1 118.7
 141 75.6 57.1 85.7



#67
 Atrazine
 Concen: 58.70 ng/ul
 RT: 16.65 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG015981.D
 Acq: 11 Feb 2015 11:22

Tgt Ion:200 Resp: 276447
 Ion Ratio Lower Upper
 200 100
 173 28.9 20.9 31.3
 215 55.9 43.4 65.2





#68

Pentachlorophenol

Concen: 70.81 ng/ul

RT: 16.84 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

Instrument :

BNA_G

ClientSampleId :

X1H33

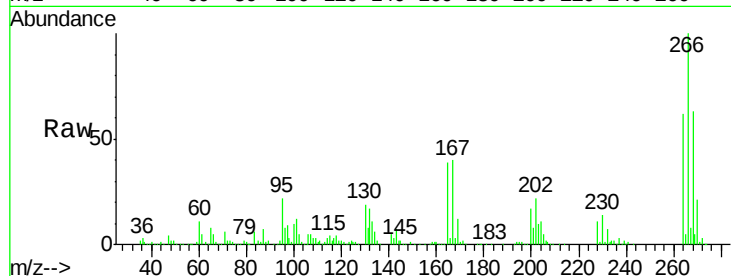
Tgt Ion:266 Resp: 210501

Ion Ratio Lower Upper

266 100

264 62.1 50.2 75.4

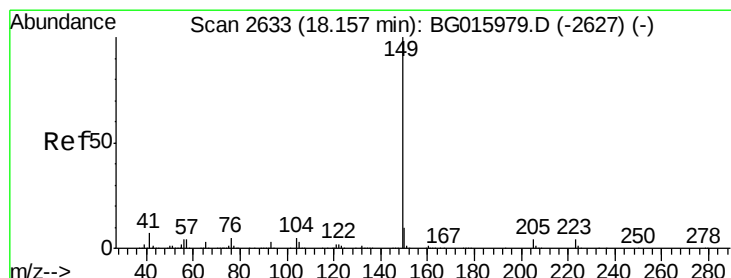
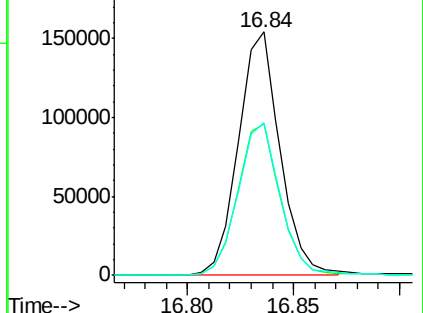
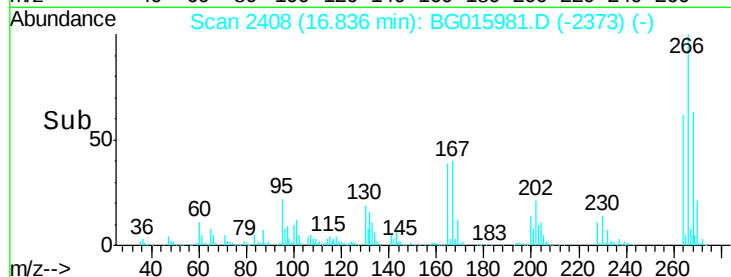
268 62.7 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#73

Di-n-butylphthalate

Concen: 44.72 ng/ul

RT: 18.16 min Scan# 2634

Delta R.T. 0.01 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

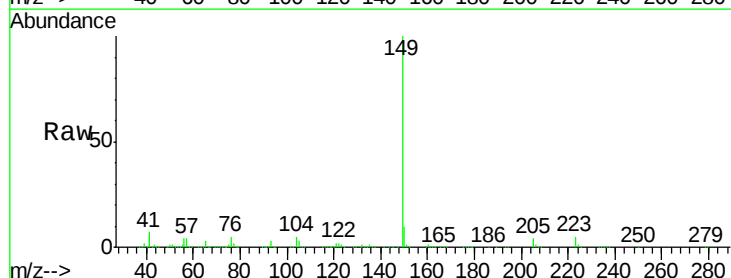
Tgt Ion:149 Resp: 1244685

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

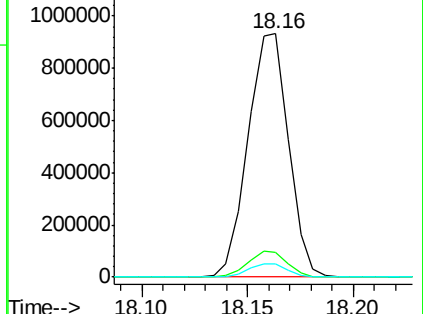
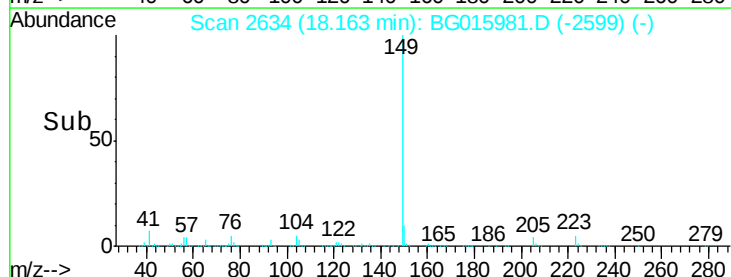
104 5.3 3.9 5.9

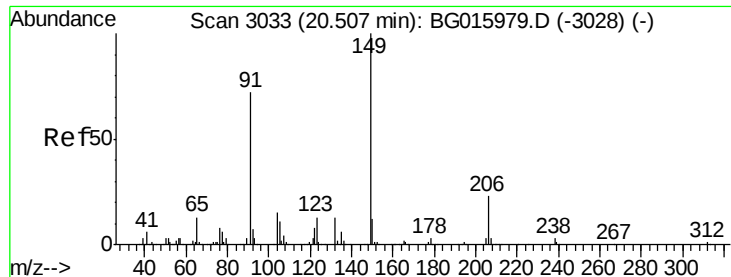


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

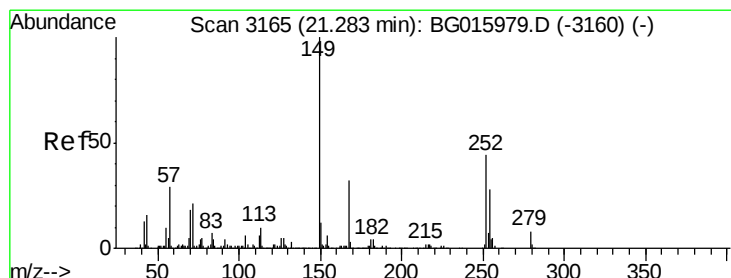
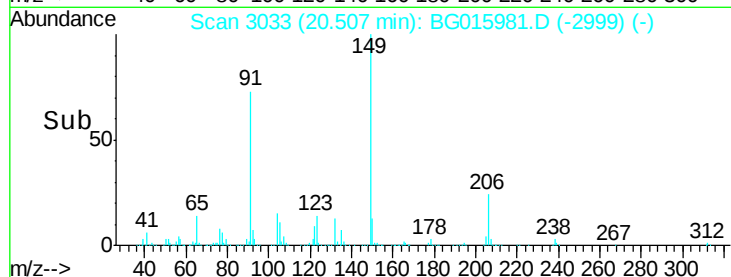
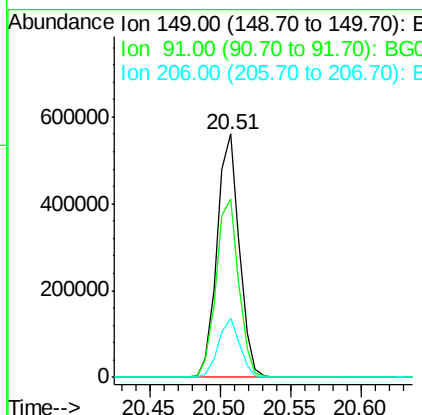
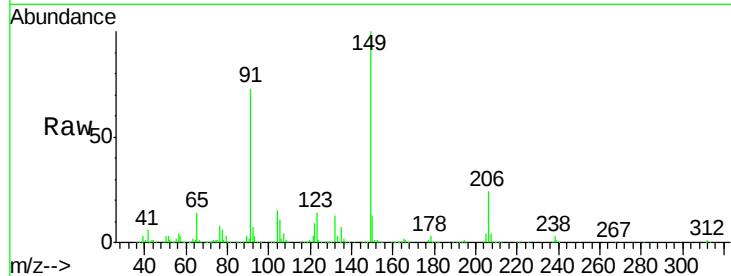




#78
 Butylbenzylphthalate
 Concen: 48.88 ng/ul
 RT: 20.51 min Scan# 3033
 Delta R.T. 0.00 min
 Lab File: BG015981.D
 Acq: 11 Feb 2015 11:22

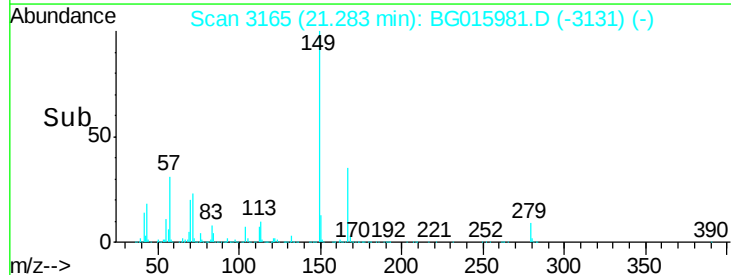
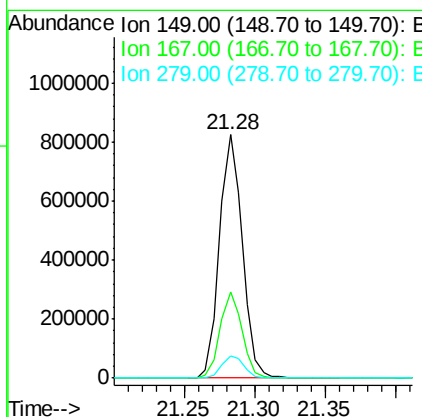
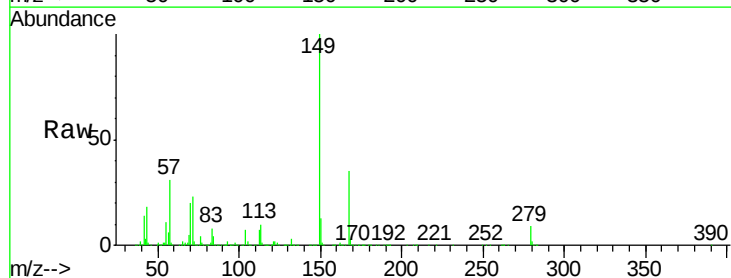
Instrument :
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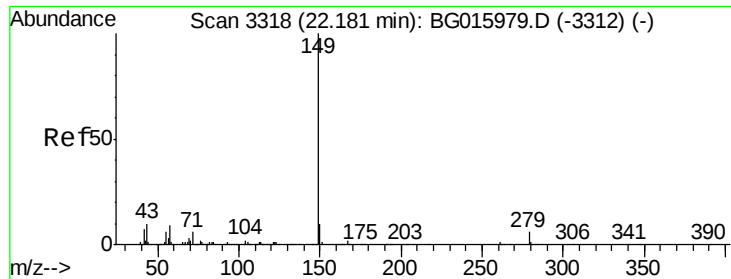
Tgt Ion:149 Resp: 613510
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.2 85.8
 206 24.2 18.4 27.6



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 55.83 ng/ul
 RT: 21.28 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG015981.D
 Acq: 11 Feb 2015 11:22

Tgt Ion:149 Resp: 927788
 Ion Ratio Lower Upper
 149 100
 167 35.4 26.6 39.8
 279 9.2 6.7 10.1





#84

Di-n-octyl phthalate

Concen: 48.72 ng/ul

RT: 22.18 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

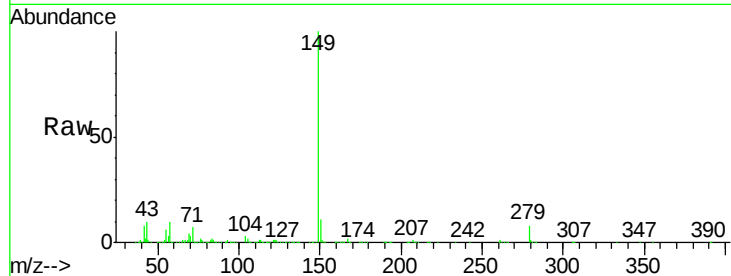
Instrument :

BNA_G

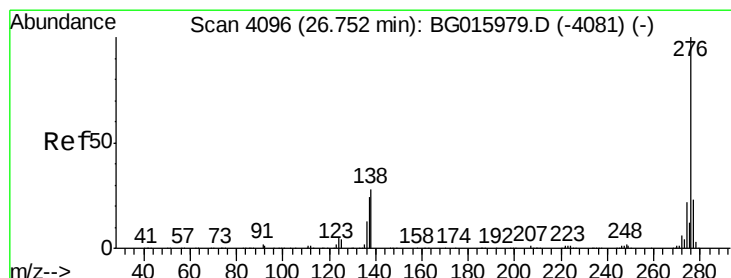
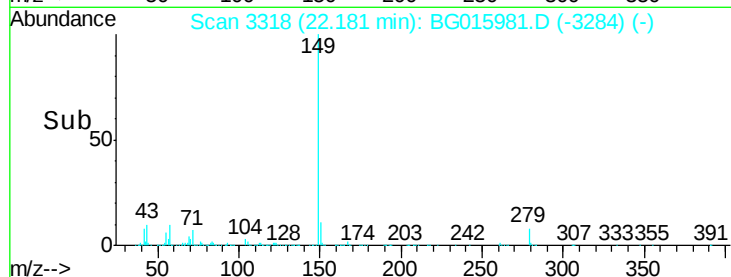
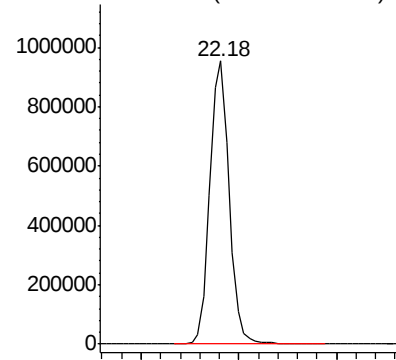
ClientSampleId :

X1H33

Tgt Ion:149 Resp: 1306345



Abundance Ion 149.00 (148.70 to 149.70): E



#91

Benzo(g,h,i)perylene

Concen: 46.36 ng/ul

RT: 26.75 min Scan# 4096

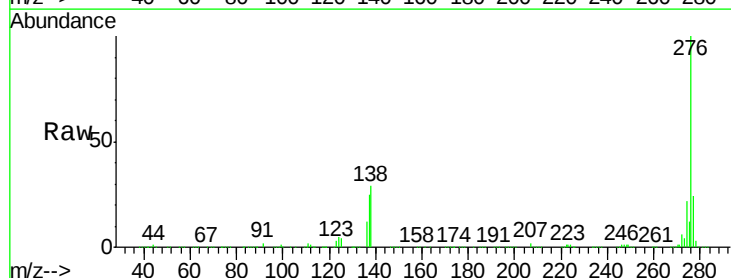
Delta R.T. 0.00 min

Lab File: BG015981.D

Acq: 11 Feb 2015 11:22

Tgt Ion:276 Resp: 1129098

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.5	32.3
277	24.1	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

