

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025127.D
 Acq On : 12 Dec 2016 23:21
 Operator : UM/SJ
 Sample : H5990-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS012-0106-03

Quant Time: Dec 13 01:04:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 01:00:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	105830	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	490631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	379045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	818514	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	941926	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	950551	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6623	3.23	ng/uL	0.00
5) Phenol-d5	7.39	99	187568	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	118176	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	131516	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	150099	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	69515	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	87620	20.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	165845	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	144626	17.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	532440	20.42	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	618706	21.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	78069	17.42	ng/ul	0.00
57) Fluorene-d10	15.84	176	519204	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	92730	18.32	ng/ul	0.00
70) Anthracene-d10	17.70	188	728062	21.07	ng/ul	0.00
76) Pyrene-d10	19.97	212	885429	22.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	877039	22.77	ng/ul	0.00

Target Compounds

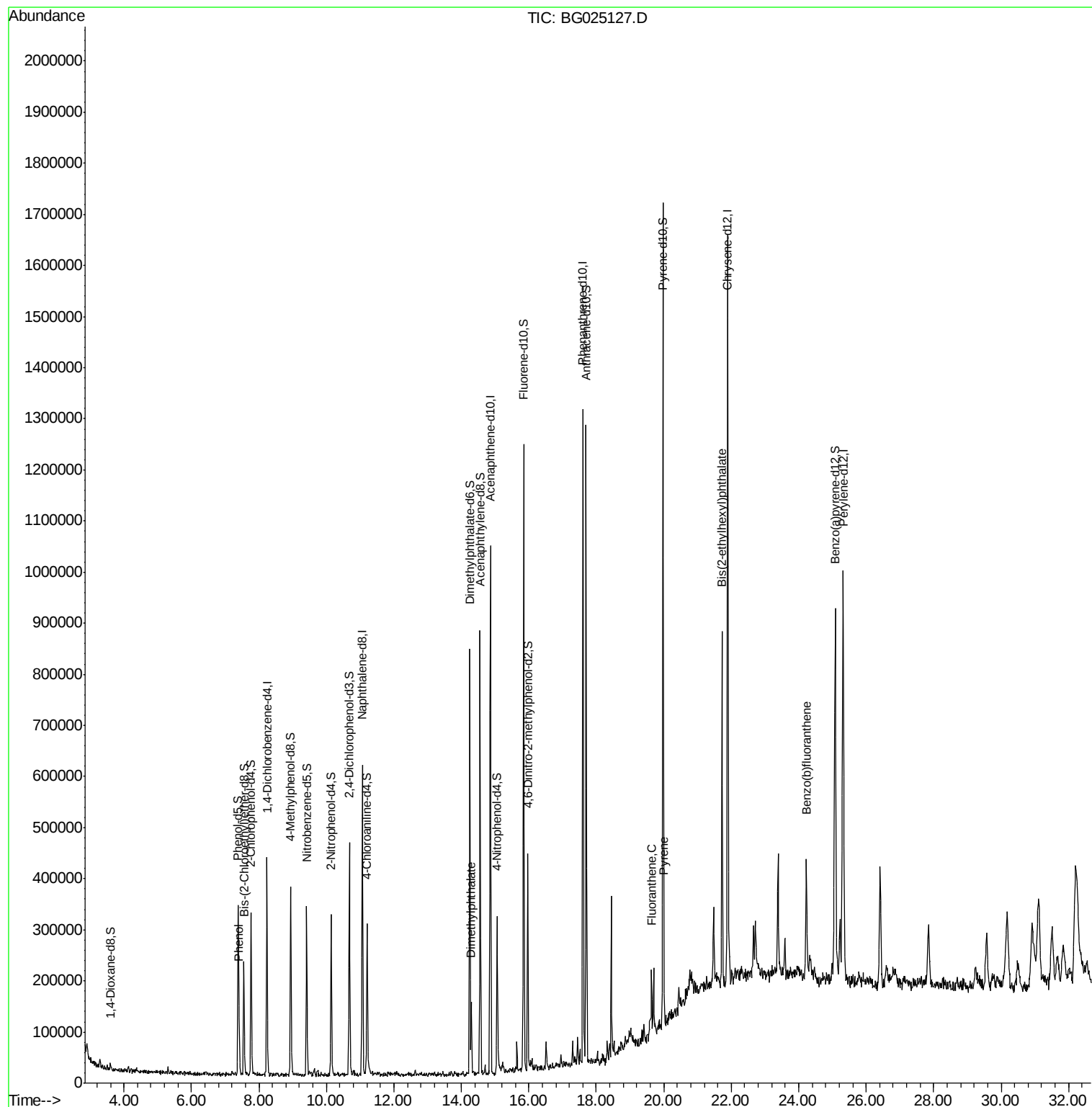
						Qvalue
6) Phenol	7.41	94	35201	3.76	ng/ul	95
44) Dimethylphthalate	14.30	163	82491	3.22	ng/ul#	99
74) Fluoranthene	19.64	202	85243	1.84	ng/ul	99
77) Pyrene	20.00	202	76881	1.70	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.72	149	264646	10.85	ng/ul	95
85) Benzo(b)fluoranthene	24.22	252	67552	1.43	ng/ul#	94

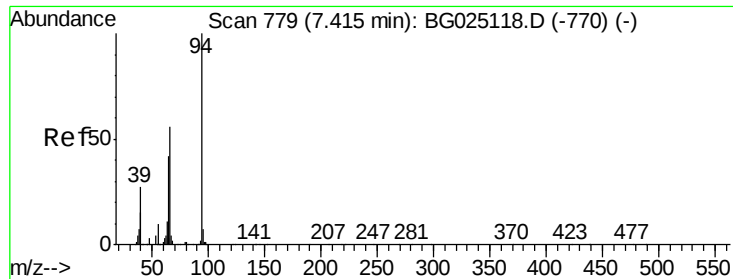
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.76 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025127.D

Acq: 12 Dec 2016 23:21

Instrument :

BNA_G

ClientSampleId :

P006-SS012-0106-03

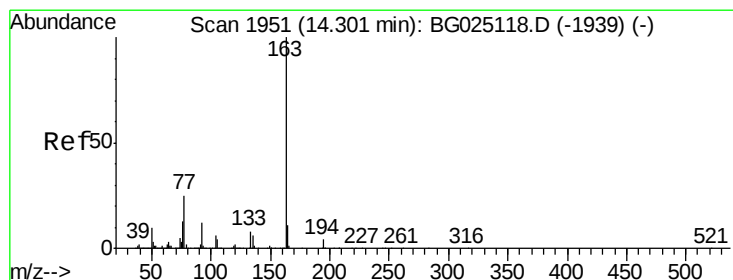
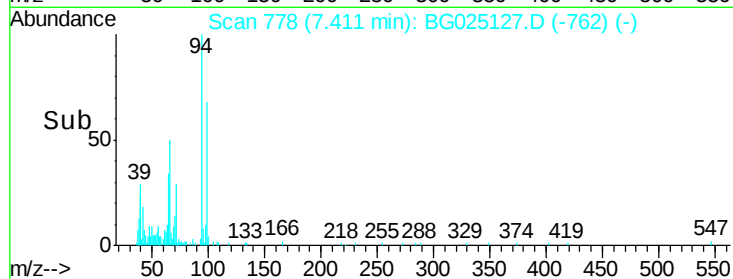
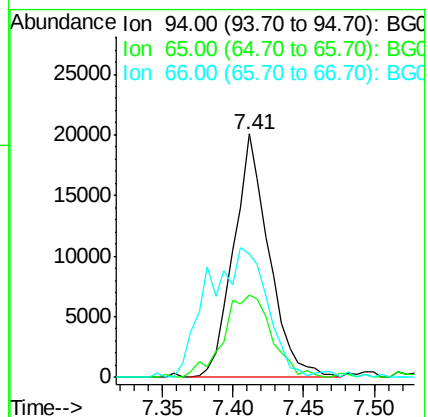
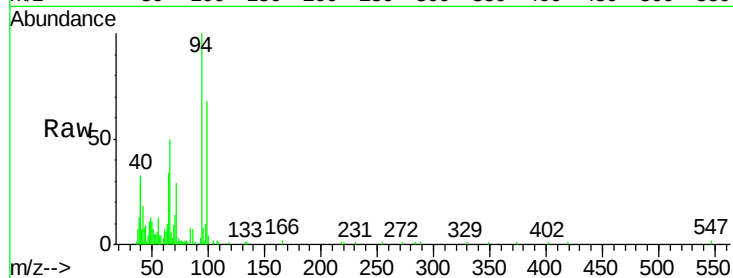
Tgt Ion: 94 Resp: 35201

Ion Ratio Lower Upper

94 100

65 34.1 26.8 40.2

66 50.4 44.4 66.6



#44

Dimethylphthalate

Concen: 3.22 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025127.D

Acq: 12 Dec 2016 23:21

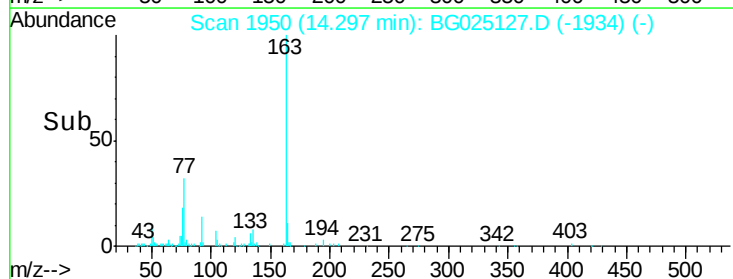
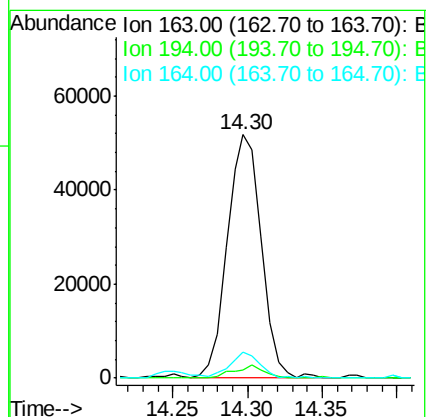
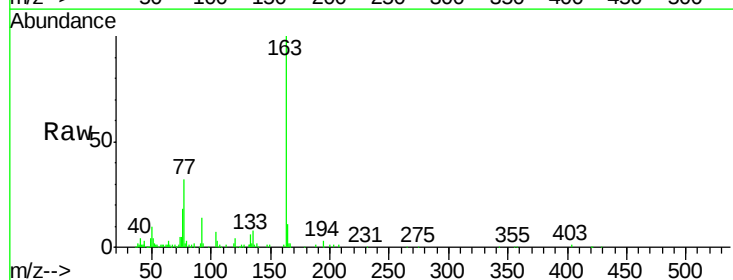
Tgt Ion:163 Resp: 82491

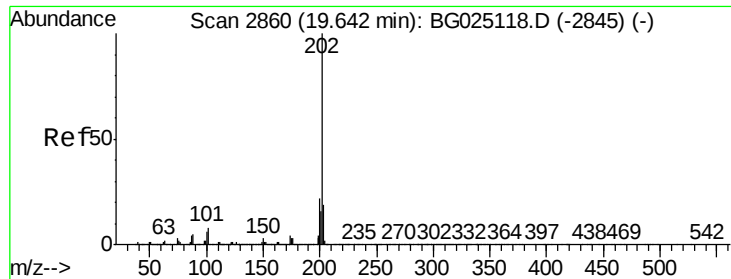
Ion Ratio Lower Upper

163 100

194 3.2 3.4 5.0#

164 10.9 9.0 13.4





#74

Fluoranthene

Concen: 1.84 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG025127.D

Acq: 12 Dec 2016 23:21

Instrument :

BNA_G

ClientSampleId :

P006-SS012-0106-03

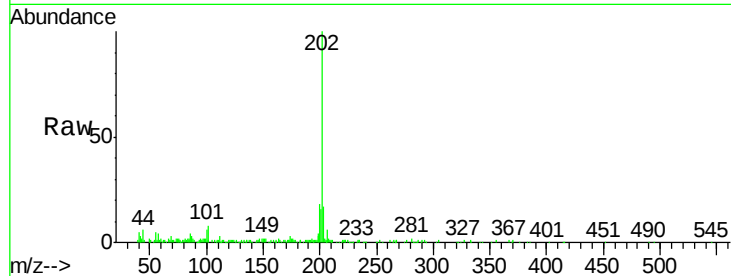
Tgt Ion:202 Resp: 85243

Ion Ratio Lower Upper

202 100

101 8.3 6.2 9.2

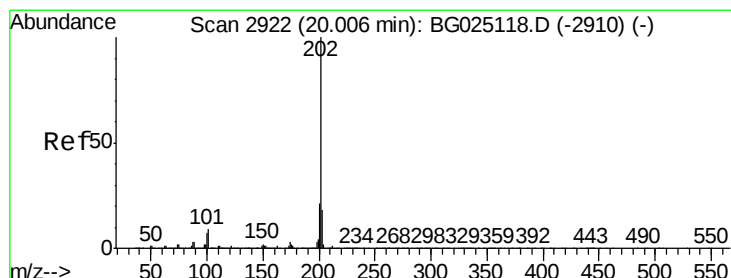
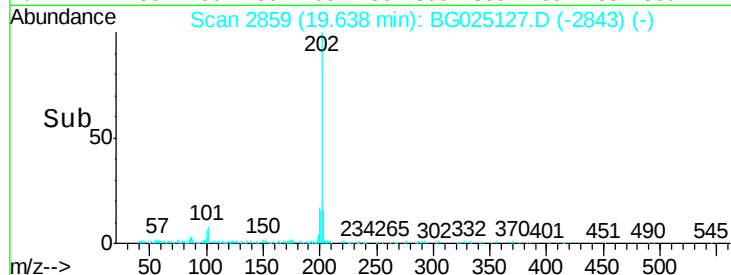
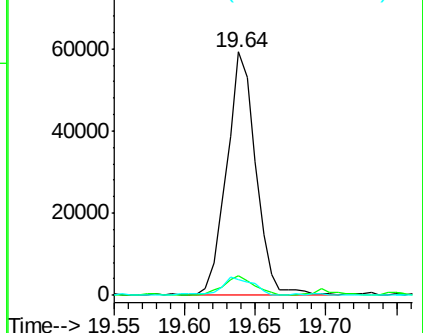
100 6.4 5.2 7.8



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: 1.70 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025127.D

Acq: 12 Dec 2016 23:21

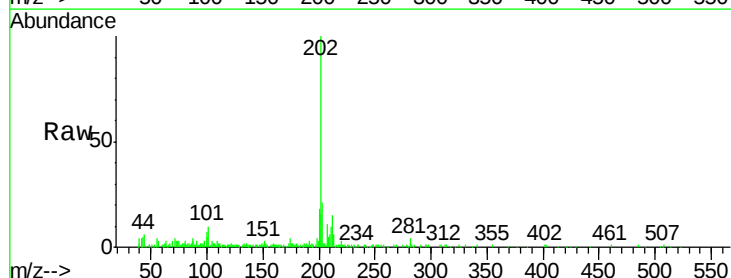
Tgt Ion:202 Resp: 76881

Ion Ratio Lower Upper

202 100

101 10.2 6.9 10.3

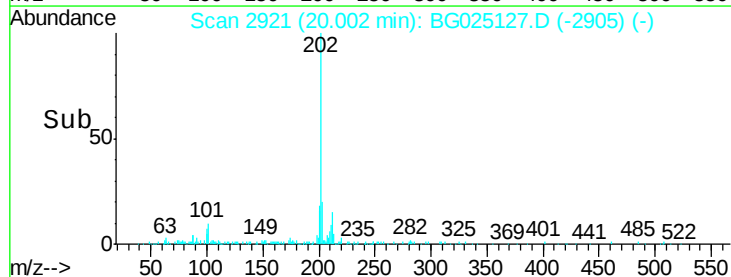
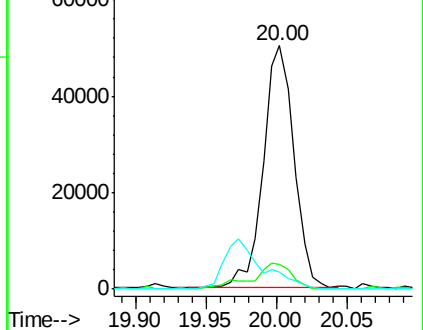
100 6.9 6.6 10.0

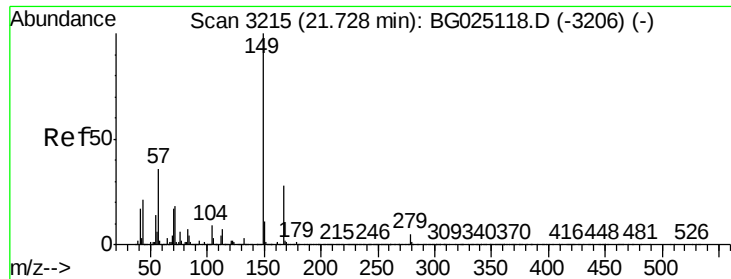


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

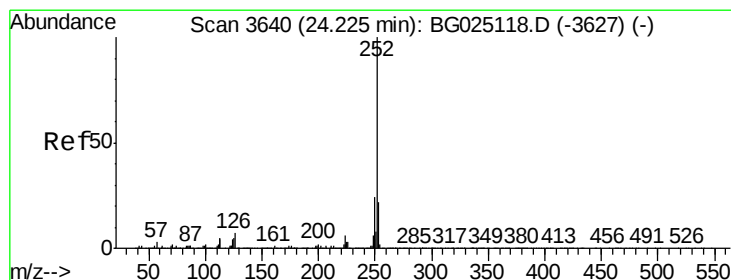
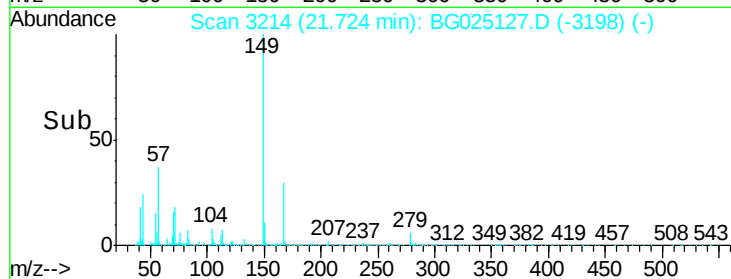
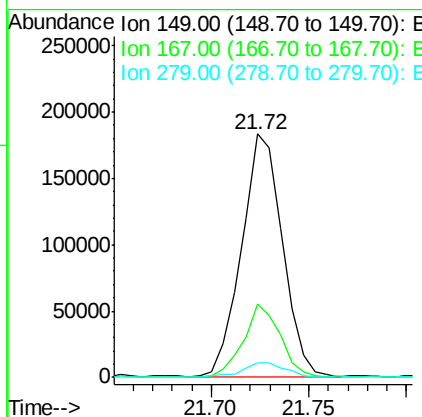
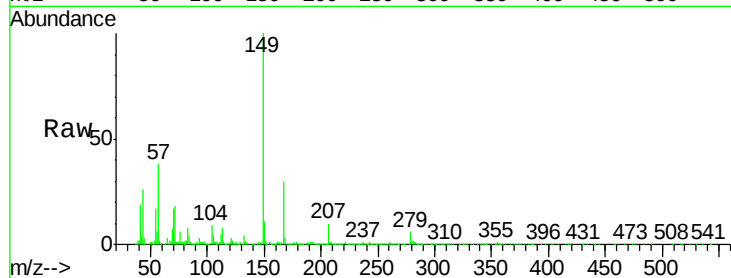




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.85 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG025127.D
 Acq: 12 Dec 2016 23:21

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Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.8	32.8
279	5.8	4.5	6.7



#85
 Benzo(b)fluoranthene
 Concen: 1.43 ng/ul
 RT: 24.22 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: BG025127.D
 Acq: 12 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	13.7	4.0	6.0

