

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028522.D
 Acq On : 28 Aug 2017 17:14
 Operator : SJ/JU
 Sample : I4905-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX0

Quant Time: Aug 29 01:31:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38976	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	106275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	485601	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	307071	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	305663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5420	6.48	ng/uL	0.01
5) Phenol-d5	7.49	99	116889	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	76410	28.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	89958	33.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	98688	27.58	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	45884	38.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	54800	41.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	104995	38.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	91152	29.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	337545	35.71	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	395731	37.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	50344	33.50	ng/ul	0.00
57) Fluorene-d10	15.94	176	300274	35.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	988	0.31	ng/ul	0.10
70) Anthracene-d10	17.80	188	484508	20.81	ng/ul	0.00
76) Pyrene-d10	20.07	212	577529	36.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	564079	39.42	ng/ul	0.00

Target Compounds

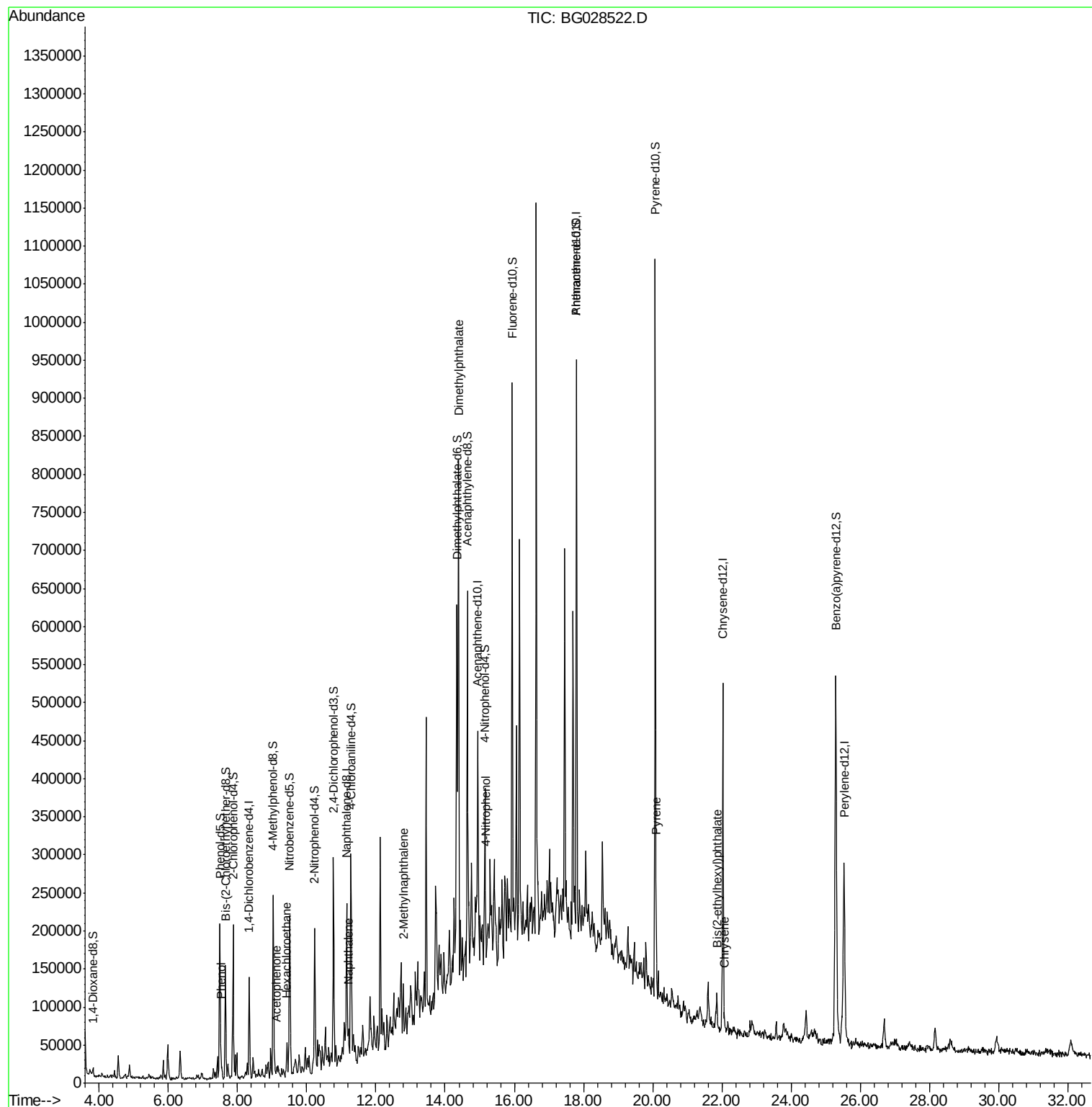
					Ovalue
6) Phenol	7.52	94	7497	1.762	ng/ul# 88
14) Acetophenone	9.13	105	10082	1.976	ng/ul# 28
17) Hexachloroethane	9.44	117	3547	3.253	ng/ul# 1
28) Naphthalene	11.20	128	16080	2.103	ng/ul# 94
34) 2-Methylnaphthalene	12.79	142	28333	4.614	ng/ul 96
44) Dimethylphthalate	14.38	163	90992	10.455	ng/ul 99
52) 4-Nitrophenol	15.17	109	3012	1.934	ng/ul# 32
77) Pyrene	20.10	202	31006	1.692	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.86	149	39602	4.057	ng/ul 97
82) Chrysene	22.07	228	17179	1.075	ng/ul# 93

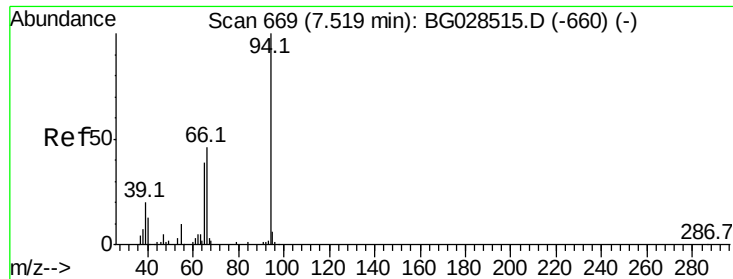
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.762 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampleId :

B0AX0

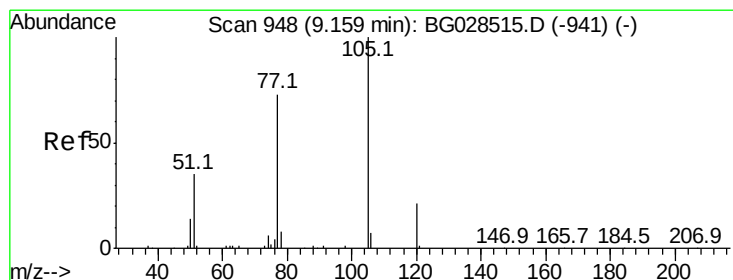
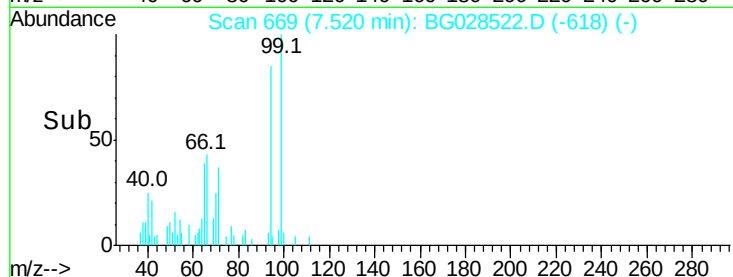
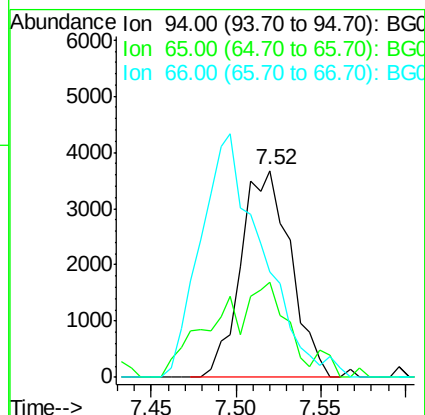
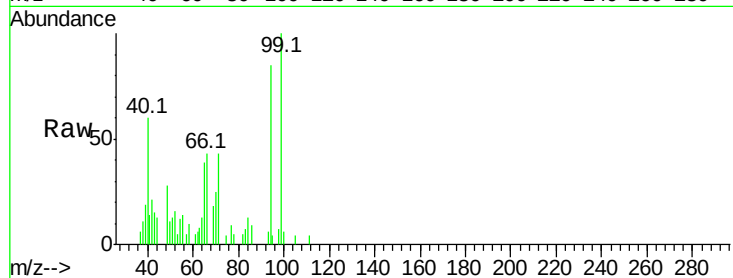
Tot Ion: 94 Resp: 7497

Ion Ratio Lower Upper

94 100

65 45.9 26.8 40.2#

66 51.2 44.4 66.6



#14

Acetophenone

Concen: 1.976 ng/ul

RT: 9.13 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

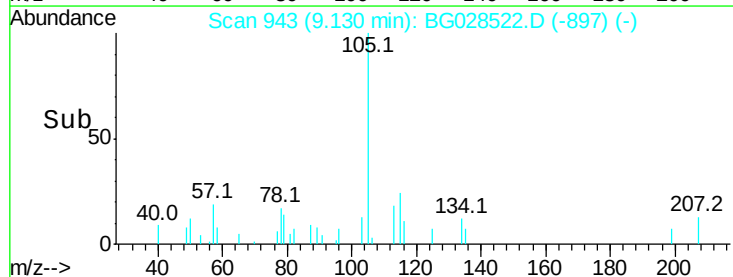
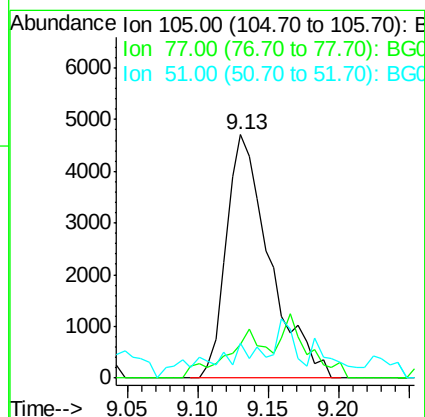
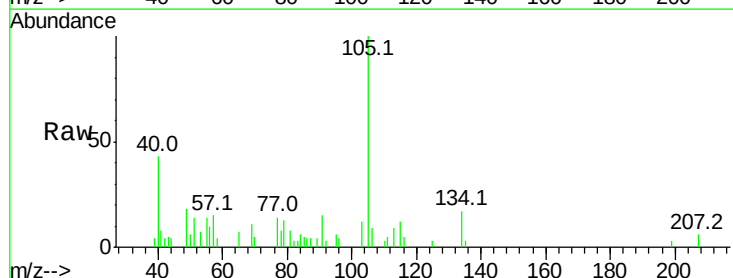
Tgt Ion:105 Resp: 10082

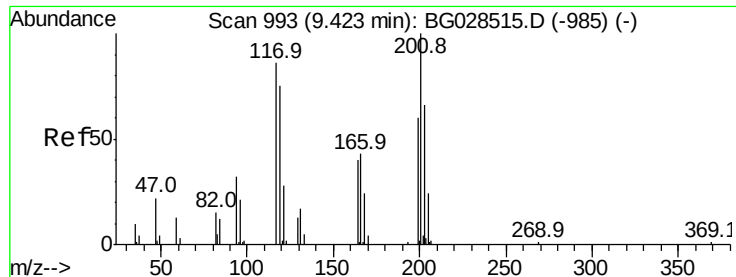
Ion Ratio Lower Upper

105 100

77 13.9 76.0 114.0#

51 14.2 34.8 52.2#





#17

Hexachloroethane

Concen: 3.253 ng/ul

RT: 9.44 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampleId :

B0AX0

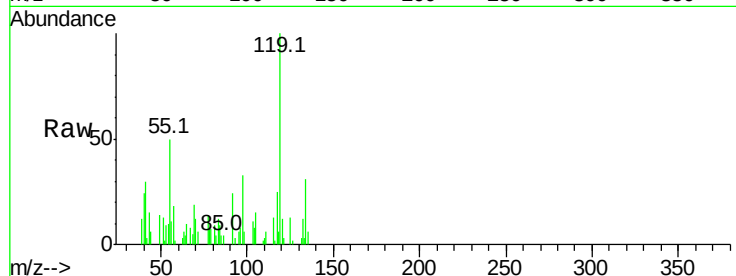
Tot Ion:117 Resp: 3547

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

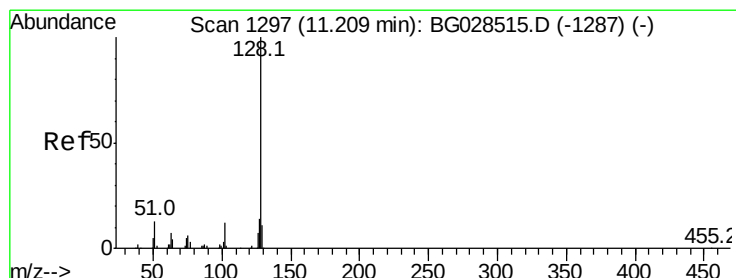
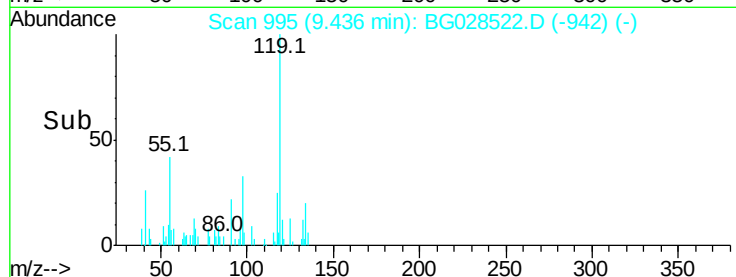
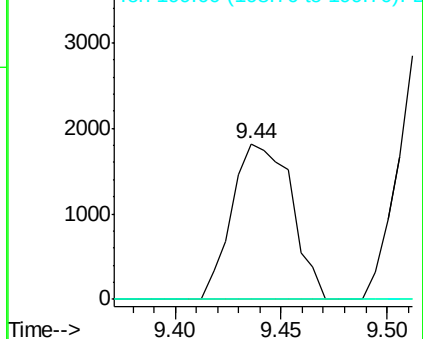
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 2.103 ng/ul

RT: 11.20 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

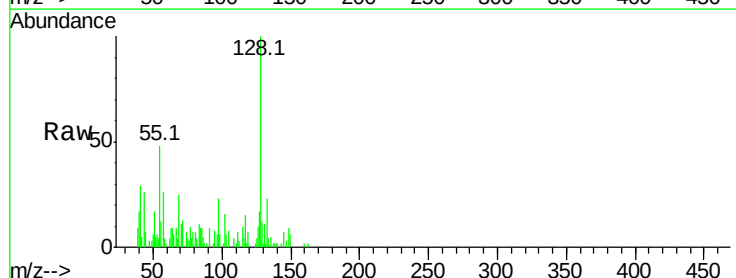
Tgt Ion:128 Resp: 16080

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

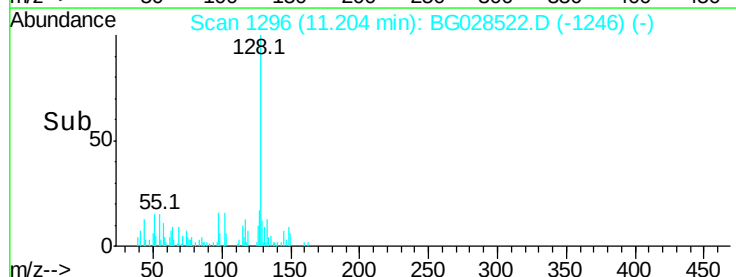
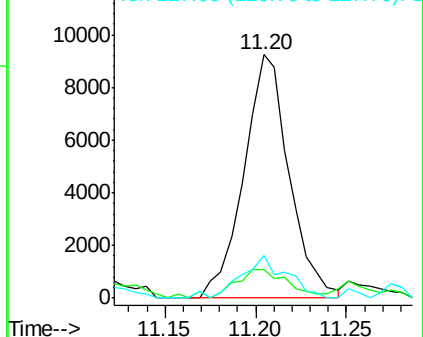
127 17.4 10.3 15.5#

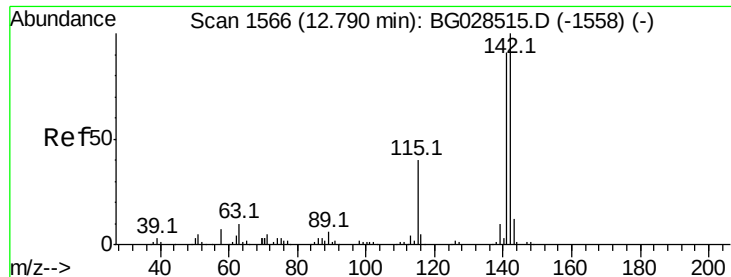


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 4.614 ng/ul

RT: 12.79 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampleId :

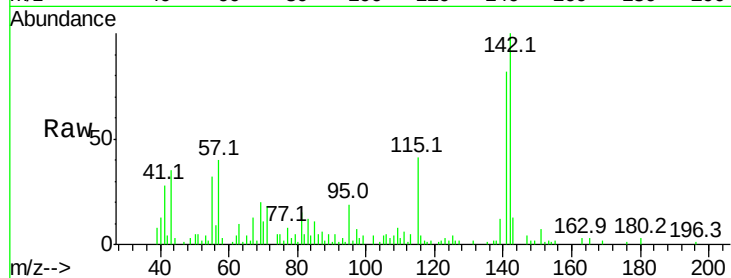
B0AX0

Tot Ion:142 Resp: 28333

Ion Ratio Lower Upper

142 100

141 82.2 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.79

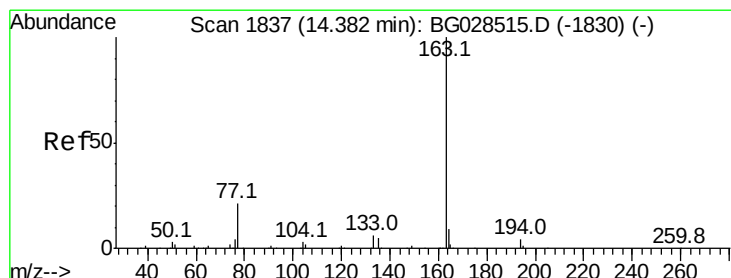
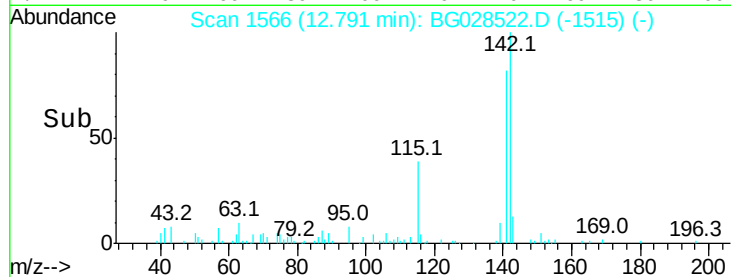
15000

10000

5000

0

Time-->



#44

Dimethylphthalate

Concen: 10.455 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

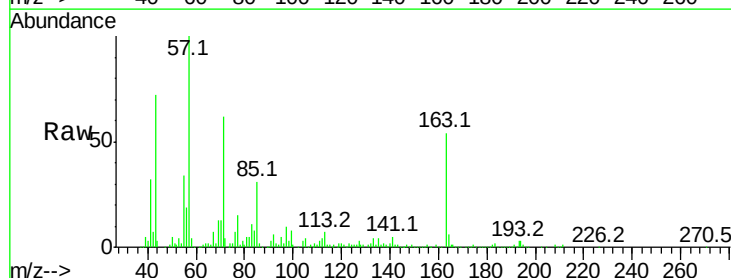
Tgt Ion:163 Resp: 90992

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 11.0 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

14.38

80000

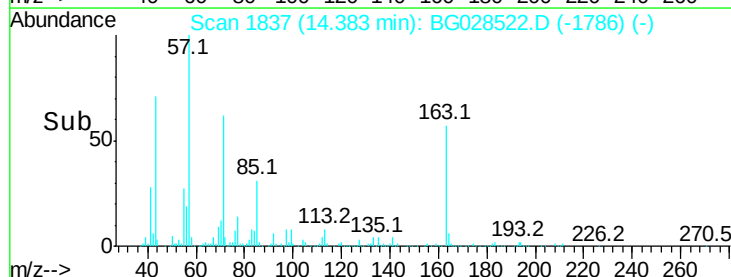
60000

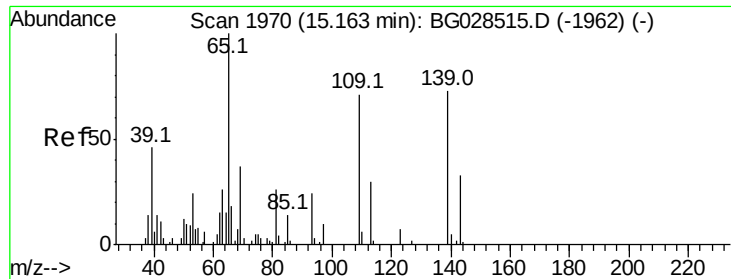
40000

20000

0

Time-->





#52

4-Nitrophenol

Concen: 1.934 ng/ul

RT: 15.17 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampled :

B0AX0

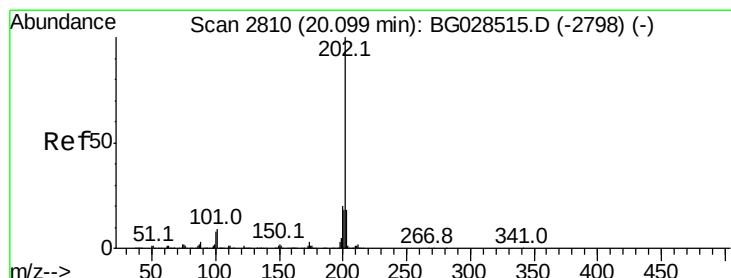
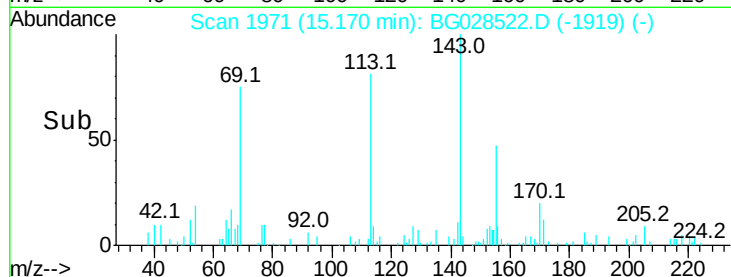
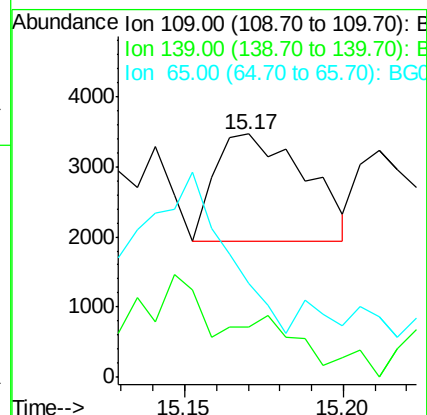
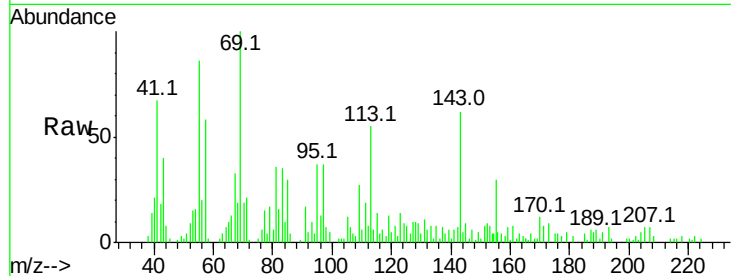
Tot Ion:109 Resp: 3012

Ion Ratio Lower Upper

109 100

139 20.6 62.6 93.8#

65 38.4 90.4 135.6#



#77

Pyrene

Concen: 1.692 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

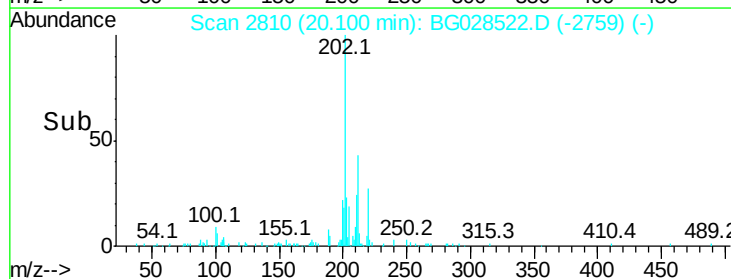
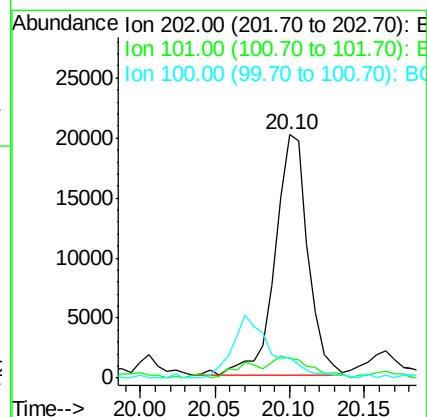
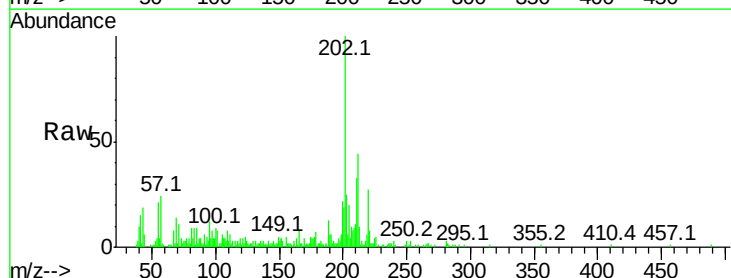
Tgt Ion:202 Resp: 31006

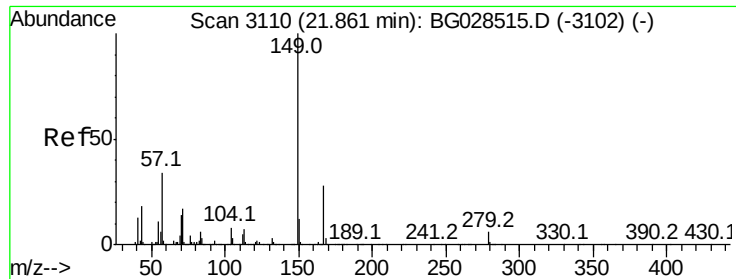
Ion Ratio Lower Upper

202 100

101 8.1 6.9 10.3

100 8.7 6.6 10.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 4.057 ng/ul

RT: 21.86 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampleId :

B0AX0

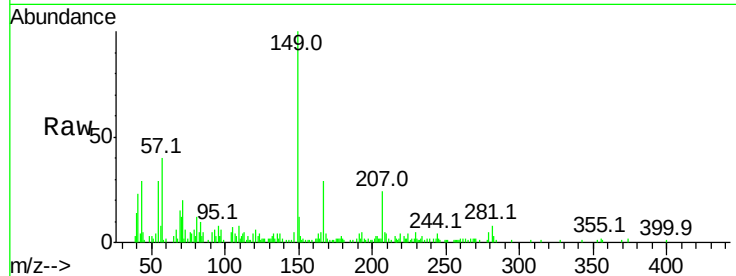
Tot Ion:149 Resp: 39602

Ion Ratio Lower Upper

149 100

167 29.1 21.8 32.8

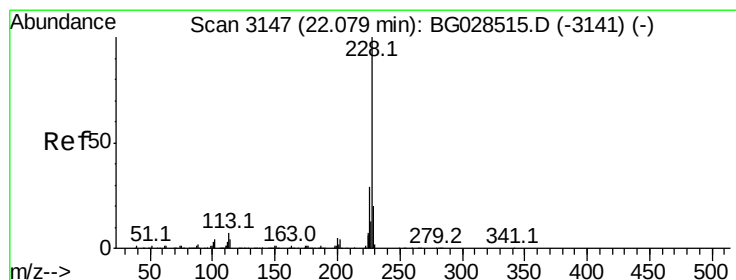
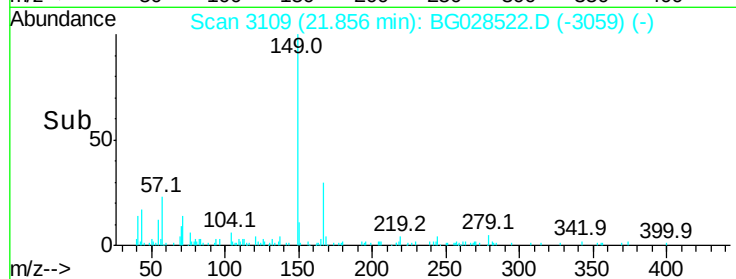
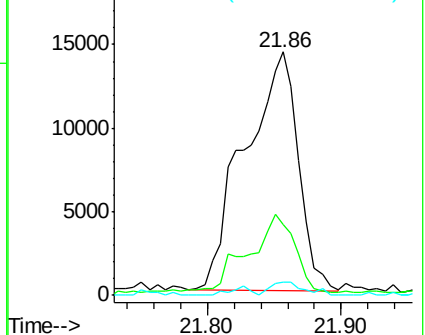
279 5.2 4.5 6.7



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: 1.075 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

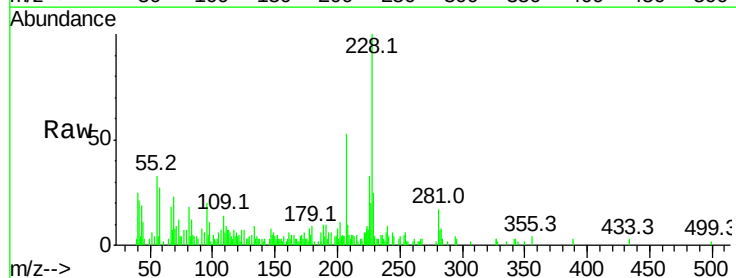
Tgt Ion:228 Resp: 17179

Ion Ratio Lower Upper

228 100

226 32.8 24.0 36.0

229 25.5 16.9 25.3#



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

