

Data Path : U:\HPCHEM1\BNA G\DATA\BG082317\
 Data File : BG028451.D
 Acq On : 23 Aug 2017 15:24
 Operator : SJ/JU
 Sample : I4827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA4

Quant Time: Aug 24 01:31:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 24 01:29:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	46040	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	198873	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	124330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	270161	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	308141	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	275349	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	2705	2.74	ng/uL	0.00
5) Phenol-d5	7.50	99	77673	15.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	47474	14.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	59706	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	61754	14.61	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31098	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	36425	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	69512	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	43648	11.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	218434	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	254061	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	22734	12.93	ng/ul	0.01
57) Fluorene-d10	15.94	176	182727	18.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	16176	9.22	ng/ul	0.00
70) Anthracene-d10	17.81	188	286072	22.08	ng/ul	0.00
76) Pyrene-d10	20.08	212	322373	20.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	295615	22.93	ng/ul	0.02

Target Compounds

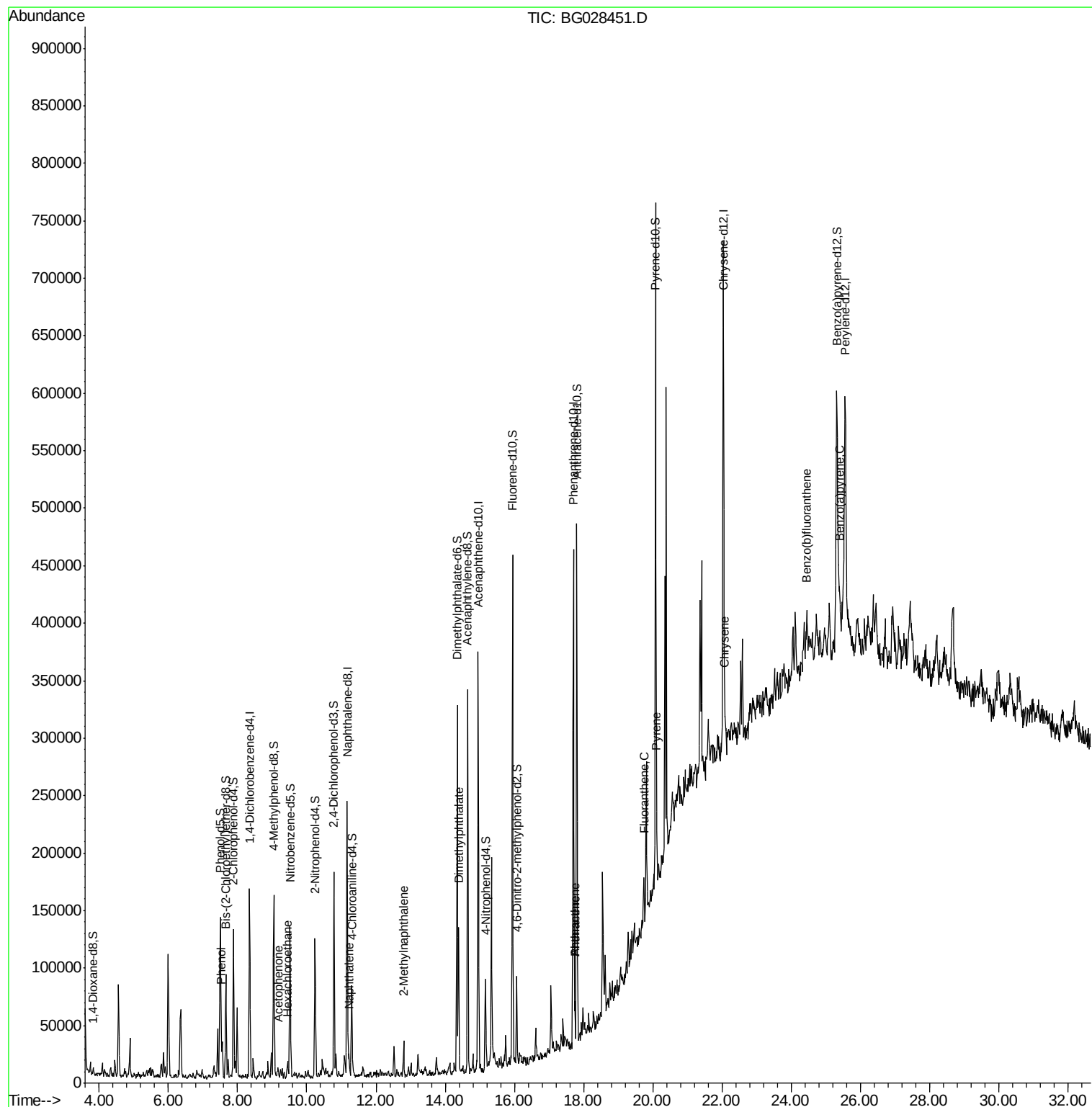
				Ovalue	
6) Phenol	7.53	94	8530	1.697	ng/ul# 85
14) Acetophenone	9.18	105	6899	1.145	ng/ul 90
17) Hexachloroethane	9.45	117	1592	1.236	ng/ul# 1
28) Naphthalene	11.21	128	15438	1.567	ng/ul# 94
34) 2-Methylnaphthalene	12.79	142	13716	1.734	ng/ul 81
44) Dimethylphthalate	14.39	163	77216	7.584	ng/ul# 97
69) Phenanthrene	17.75	178	22707	1.670	ng/ul 96
71) Anthracene	17.75	178	22707	1.634	ng/ul 96
74) Fluoranthene	19.75	202	26523	1.605	ng/ul# 96
77) Pyrene	20.11	202	34276	1.864	ng/ul# 96
82) Chrysene	22.08	228	32078	2.001	ng/ul# 92
85) Benzo(b)fluoranthene	24.43	252	37041	2.248	ng/ul# 58
88) Benzo(a)pyrene	25.40	252	16167	1.013	ng/ul# 52

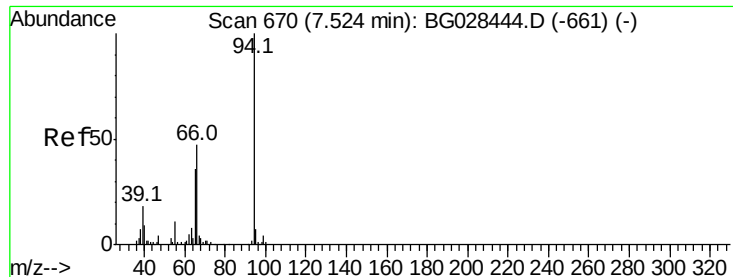
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.697 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

Instrument :

BNA_G

ClientSampleId :

B0AA4

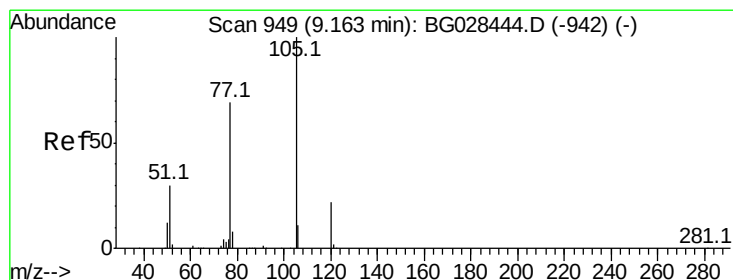
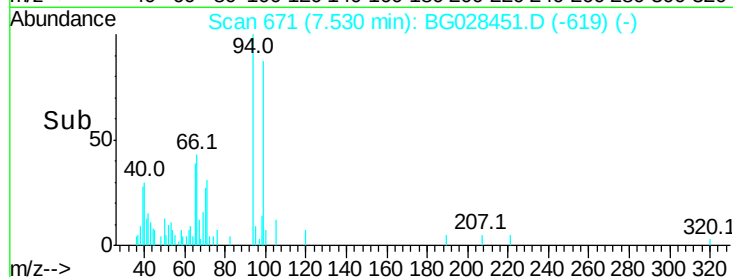
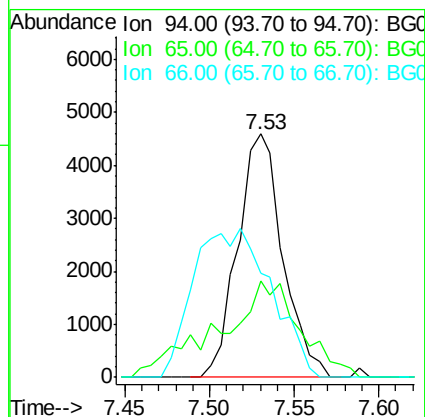
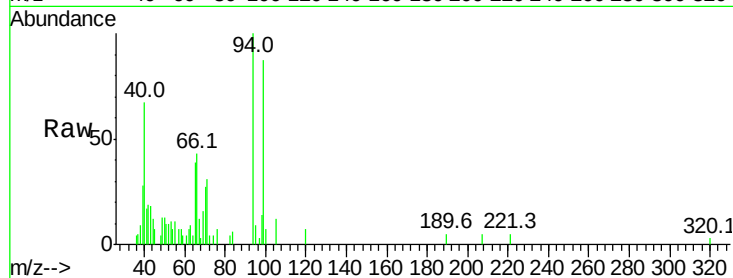
Tot Ion: 94 Resp: 8530

Ion Ratio Lower Upper

94 100

65 39.4 26.8 40.2

66 42.7 44.4 66.6#



#14

Acetophenone

Concen: 1.145 ng/ul

RT: 9.18 min Scan# 951

Delta R.T. 0.01 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

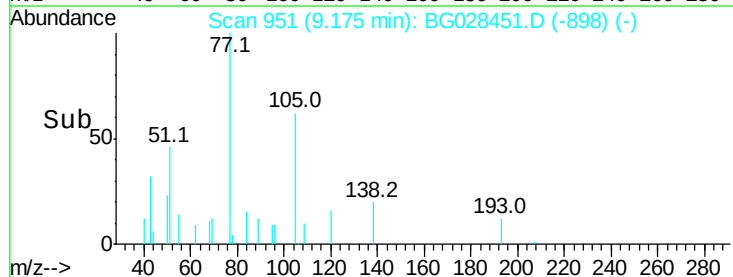
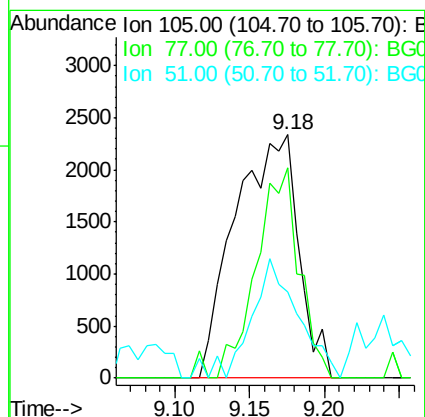
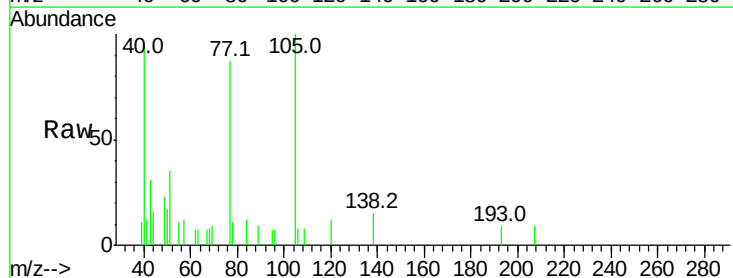
Tgt Ion: 105 Resp: 6899

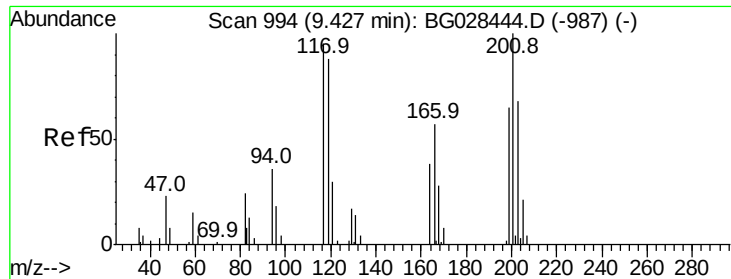
Ion Ratio Lower Upper

105 100

77 86.6 76.0 114.0

51 35.2 34.8 52.2





#17

Hexachloroethane

Concen: 1.236 ng/ul

RT: 9.45 min Scan# 998

Delta R.T. 0.02 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

Instrument :

BNA_G

ClientSampleId :

B0AA4

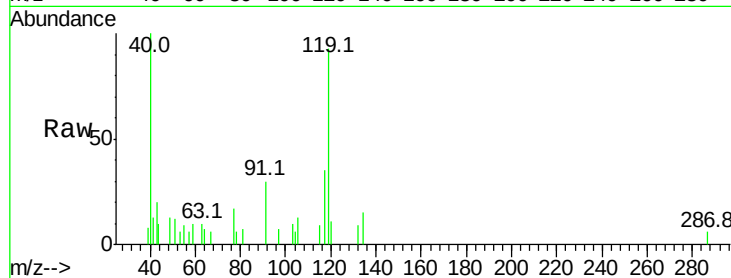
Tot Ion:117 Resp: 1592

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

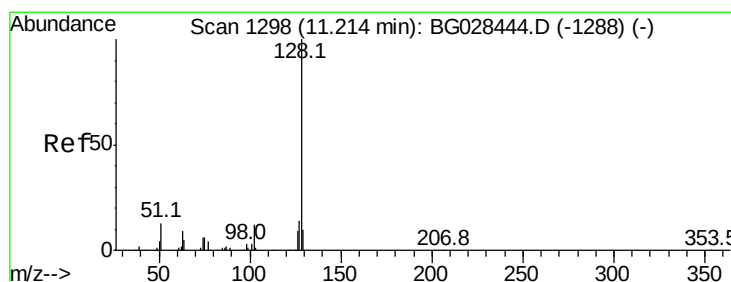
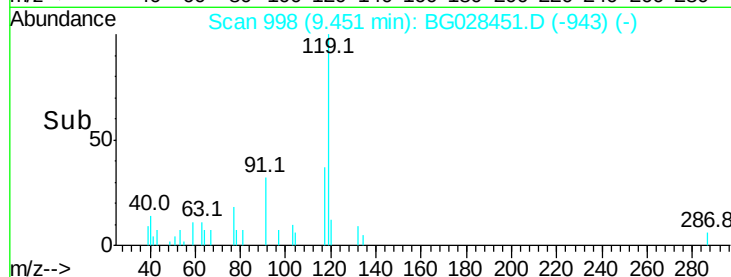
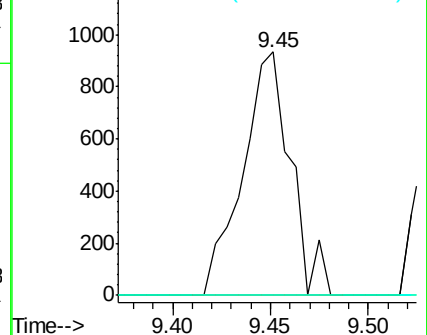
199 0.0 64.3 96.5#



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: 1.567 ng/ul

RT: 11.21 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

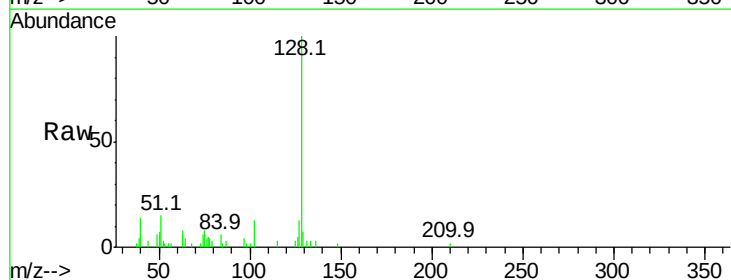
Tgt Ion:128 Resp: 15438

Ion Ratio Lower Upper

128 100

129 7.5 9.4 14.2#

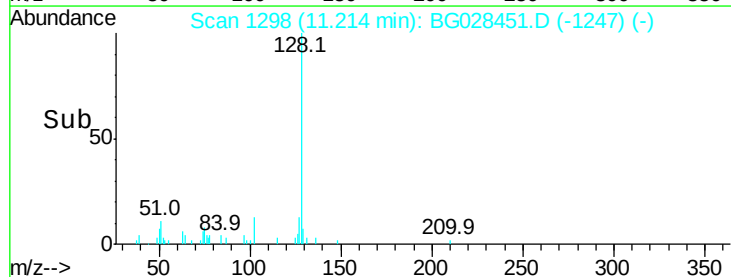
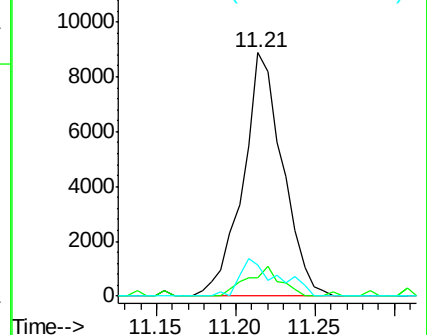
127 12.7 10.3 15.5

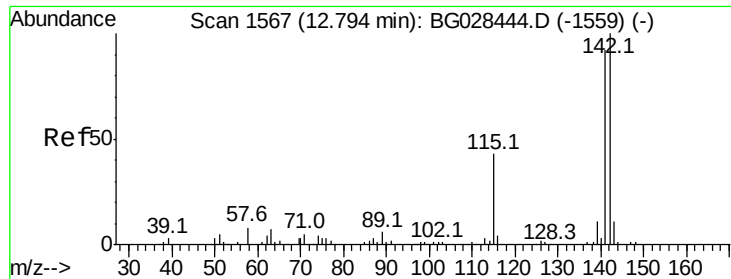


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

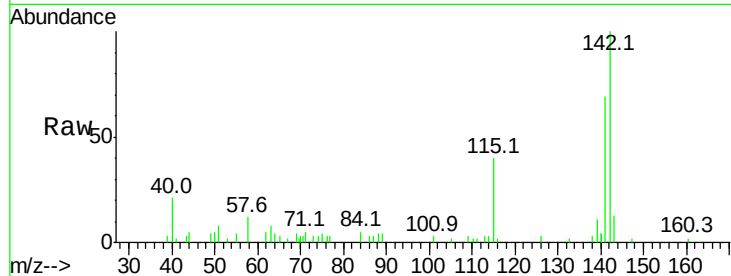




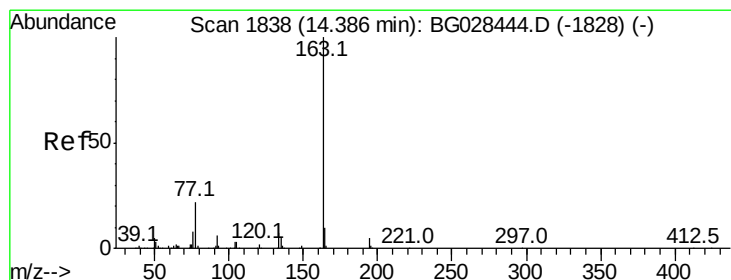
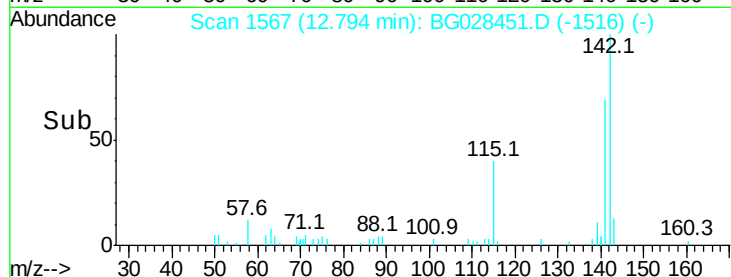
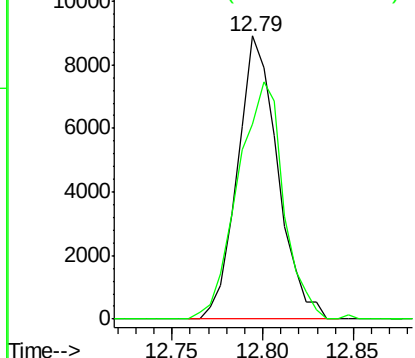
#34
2-Methylnaphthalene
Concen: 1.734 ng/ul
RT: 12.79 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028451.D
Acq: 23 Aug 2017 15:24

Instrument :
BNA_G
ClientSampleId :
B0AA4

Tot Ion:142 Resp: 13716
Ion Ratio Lower Upper
142 100
141 68.7 68.6 102.8

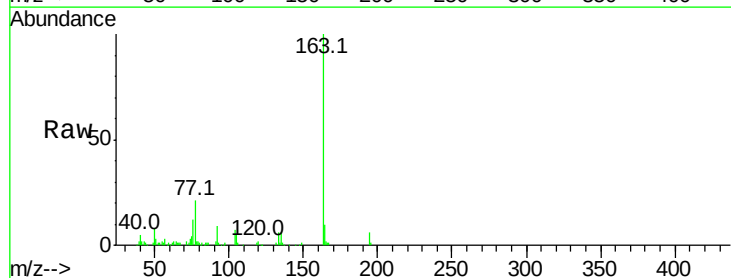


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

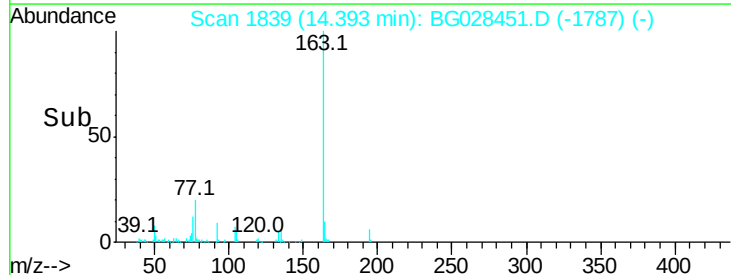
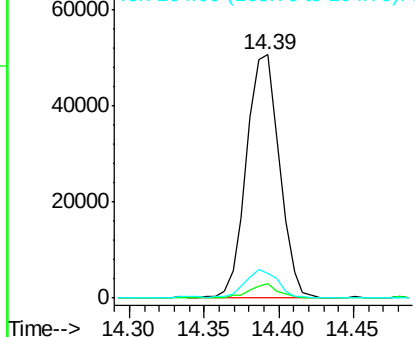


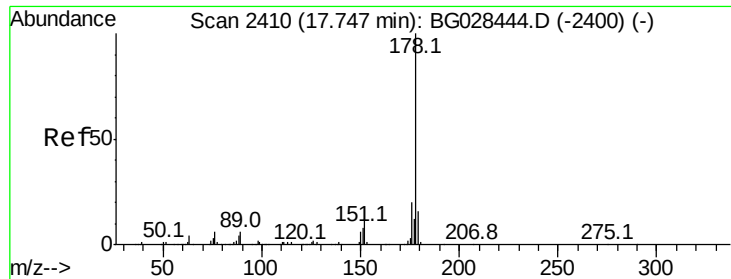
#44
Dimethylphthalate
Concen: 7.584 ng/ul
RT: 14.39 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BG028451.D
Acq: 23 Aug 2017 15:24

Tgt Ion:163 Resp: 77216
Ion Ratio Lower Upper
163 100
194 5.7 3.4 5.0#
164 10.4 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





#69

Phenanthrene

Concen: 1.670 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

Instrument :

BNA_G

ClientSampleId :

B0AA4

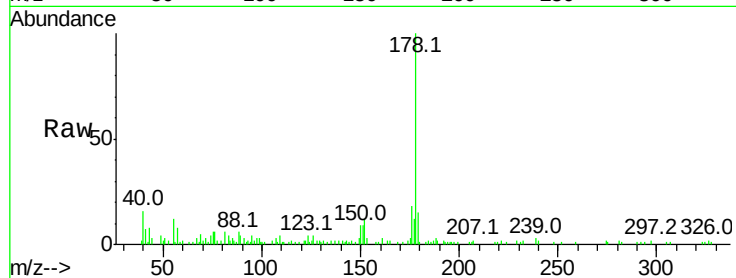
Tot Ion:178 Resp: 22707

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

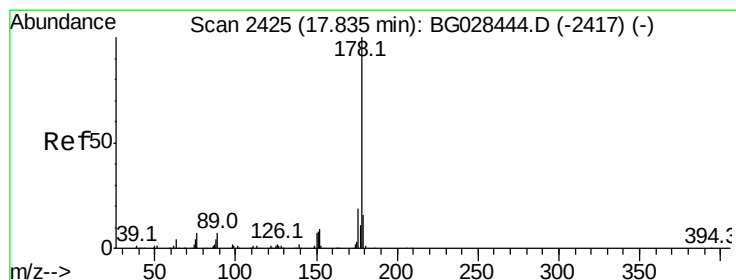
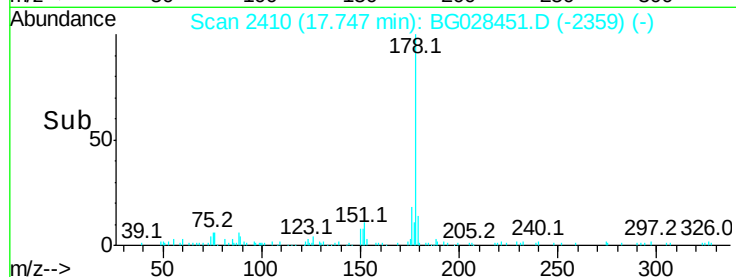
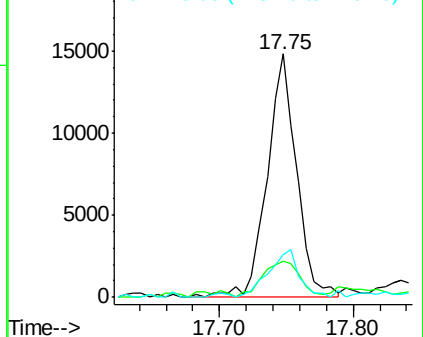
176 17.6 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.634 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. -0.09 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

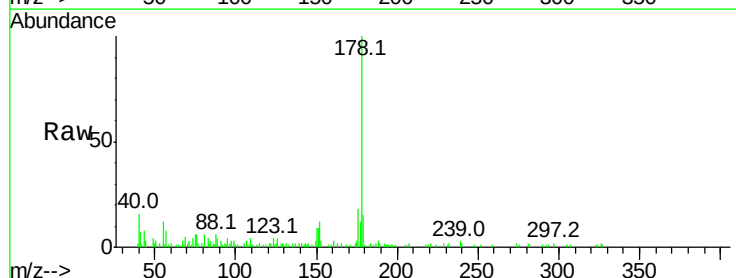
Tgt Ion:178 Resp: 22707

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

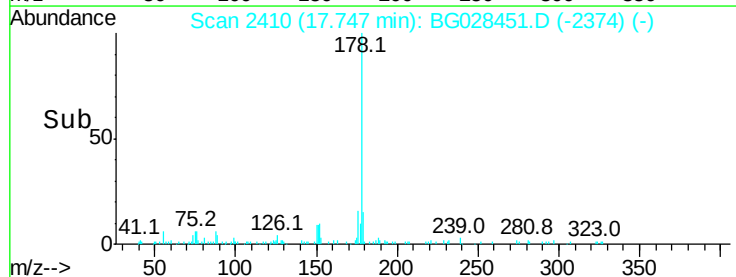
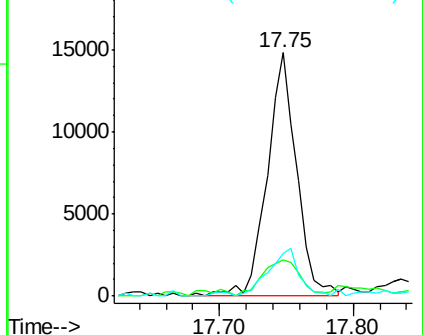
176 17.6 15.9 23.9

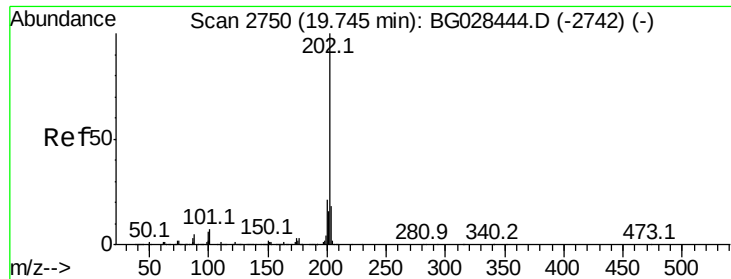


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.605 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

Instrument :

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ClientSampleId :

B0AA4

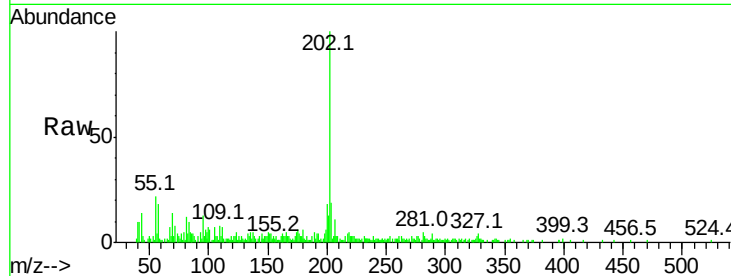
Tot Ion:202 Resp: 26523

Ion Ratio Lower Upper

202 100

101 5.8 6.2 9.2#

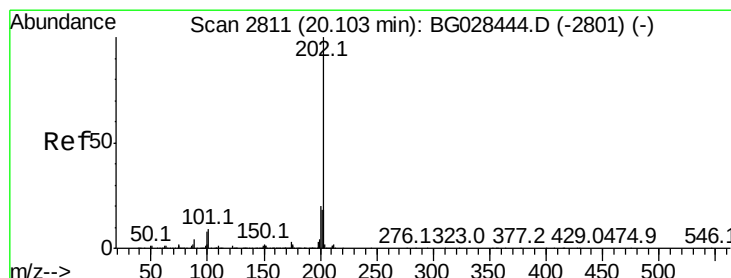
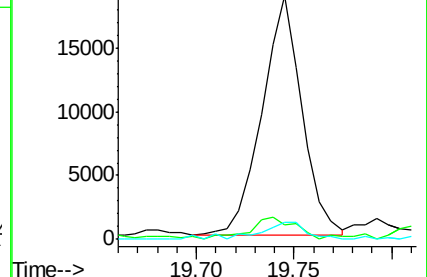
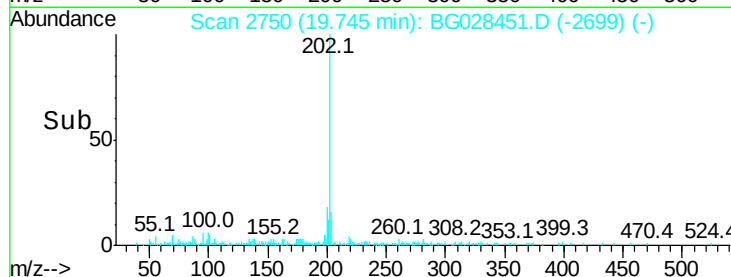
100 7.1 5.2 7.8



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: 1.864 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

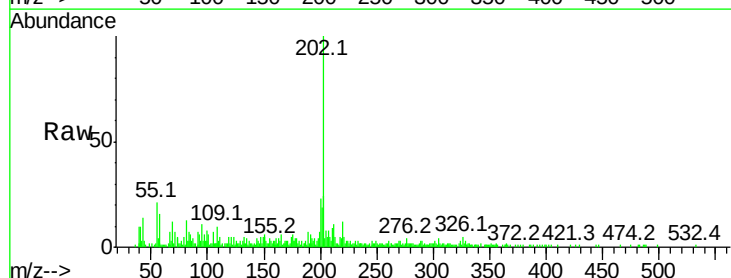
Tgt Ion:202 Resp: 34276

Ion Ratio Lower Upper

202 100

101 6.2 6.9 10.3#

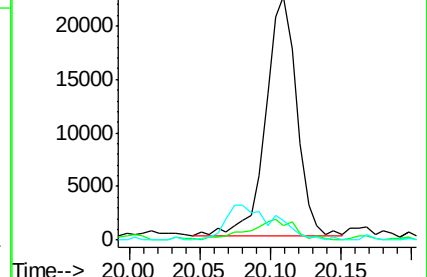
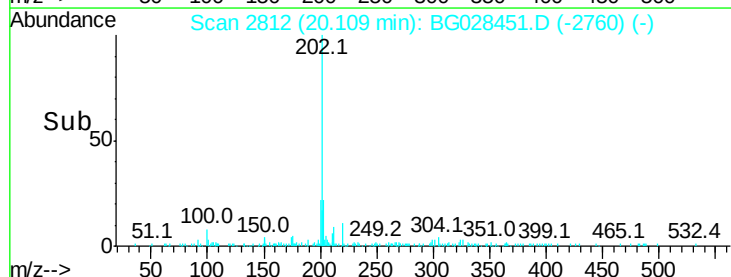
100 7.9 6.6 10.0

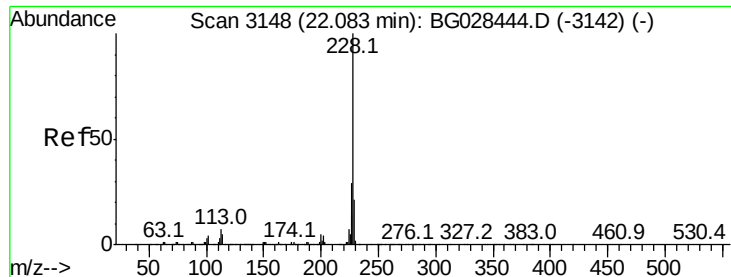


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 2.001 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG028451.D

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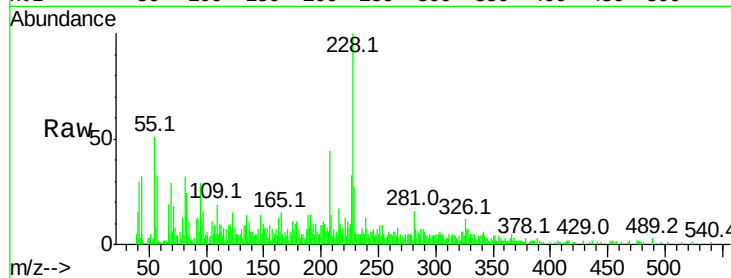
Tot Ion:228 Resp: 32078

Ion Ratio Lower Upper

228 100

226 32.6 24.0 36.0

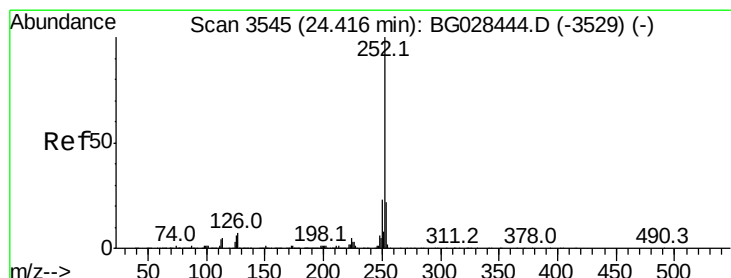
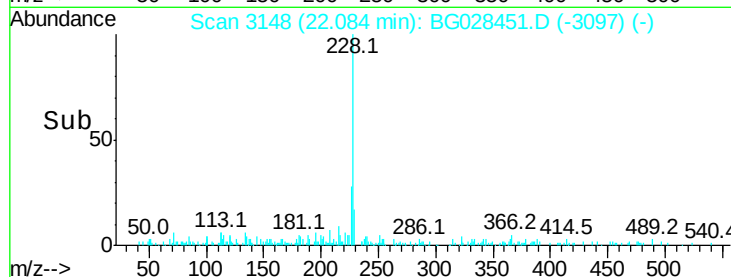
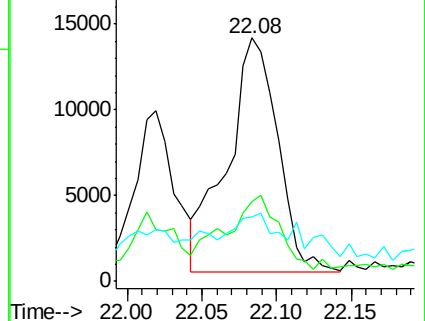
229 26.5 16.9 25.3#



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



#85

Benzo(b)fluoranthene

Concen: 2.248 ng/ul

RT: 24.43 min Scan# 3548

Delta R.T. 0.02 min

Lab File: BG028451.D

Acq: 23 Aug 2017 15:24

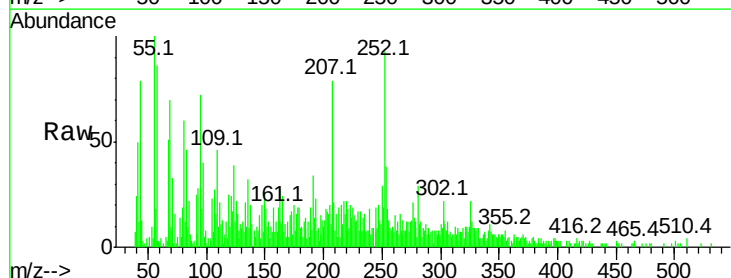
Tgt Ion:252 Resp: 37041

Ion Ratio Lower Upper

252 100

253 40.8 17.7 26.5#

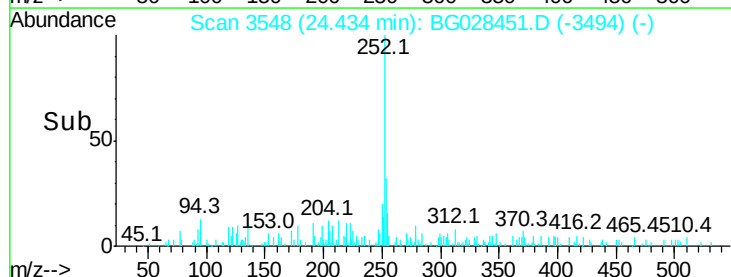
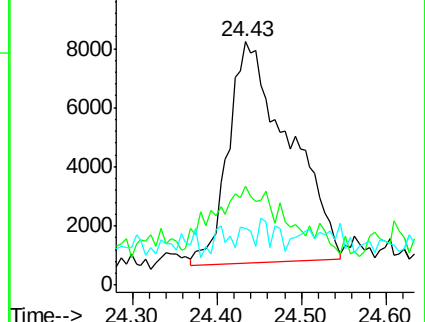
125 23.3 4.0 6.0#

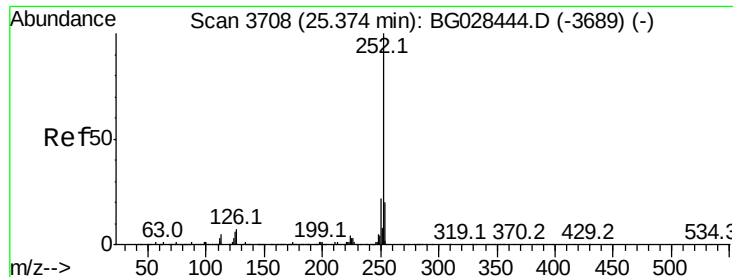


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.013 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. 0.02 min

Lab File: BG028451.D

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Instrument :

BNA_G

ClientSampleId :

B0AA4

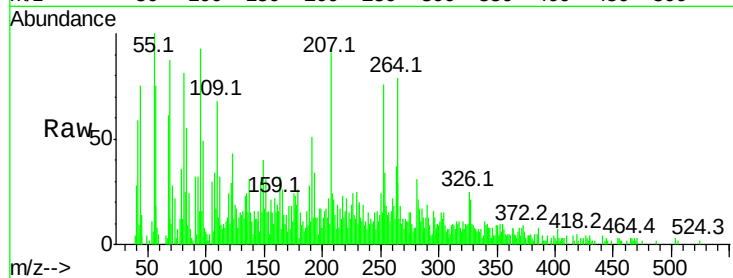
Tot Ion:252 Resp: 16167

Ion Ratio Lower Upper

252 100

253 44.6 17.8 26.6#

125 25.0 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

