

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028362.D
 Acq On : 16 Aug 2017 3:17
 Operator : SJ/JU
 Sample : I4672-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Quant Time: Aug 16 04:09:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51098	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	230292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	164304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	412309	20.00	ng/ul	0.10
75) Chrysene-d12	22.05	240	433242	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	419191	20.00	ng/ul	-0.24

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3886	3.54	ng/uL	0.00
5) Phenol-d5	7.51	99	113064	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	66197	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	80944	22.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	94765	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	41638	23.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	49330	24.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	96215	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	72555	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	315747	21.61	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	368107	22.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	37583	16.17	ng/ul	0.00
57) Fluorene-d10	15.96	176	265629	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	47818	17.85	ng/ul	0.00
70) Anthracene-d10	17.81	188	412309	20.85	ng/ul	0.00
76) Pyrene-d10	20.09	212	478361	21.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	410034	20.89	ng/ul	0.00

Target Compounds

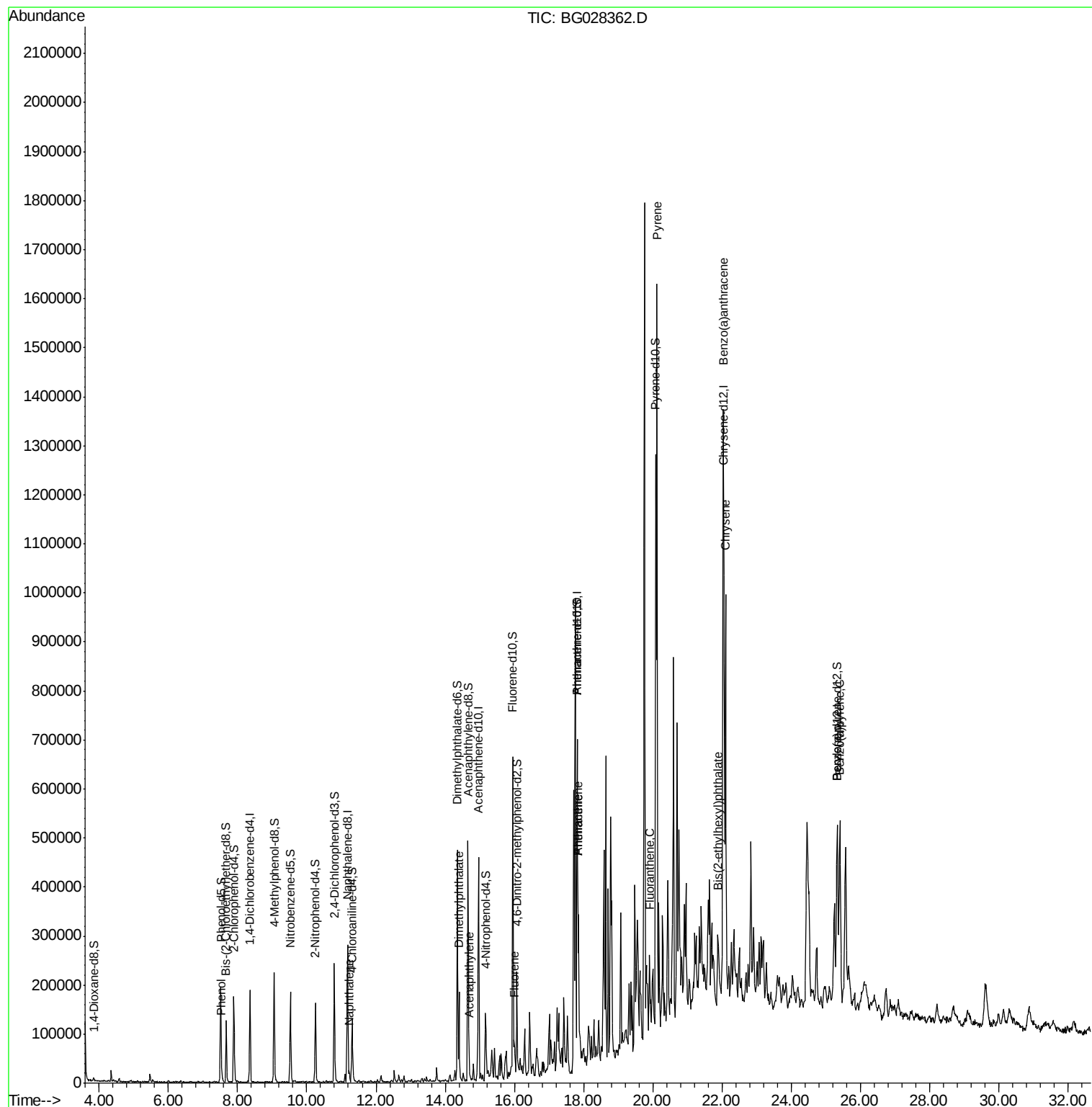
					Ovalue	
6) Phenol	7.54	94	6572	1.178	ng/ul#	85
28) Naphthalene	11.23	128	16881	1.480	ng/ul	99
44) Dimethylphthalate	14.40	163	102862	7.645	ng/ul	99
47) Acenaphthylene	14.70	152	25093	1.594	ng/ul	97
58) Fluorene	16.01	166	21606	1.576	ng/ul	94
69) Phenanthrene	17.85	178	228749	11.024	ng/ul	95
71) Anthracene	17.85	178	229290	10.812	ng/ul	96
74) Fluoranthene	19.90	202	99435	3.943	ng/ul	97
77) Pvrene	20.12	202	997147	38.578	ng/ul	99
80) Benzo(a)anthracene	22.03	228	764487	30.540	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	20414	1.482	ng/ul#	98
82) Chrysene	22.10	228	639588	28.370	ng/ul	96
88) Benzo(a)pyrene	25.41	252	422307	17.388	ng/ul	98

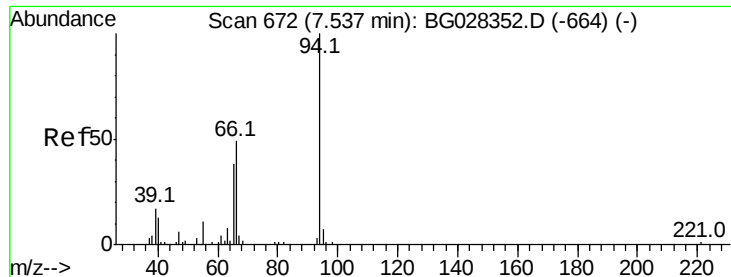
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.178 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

C0AH9

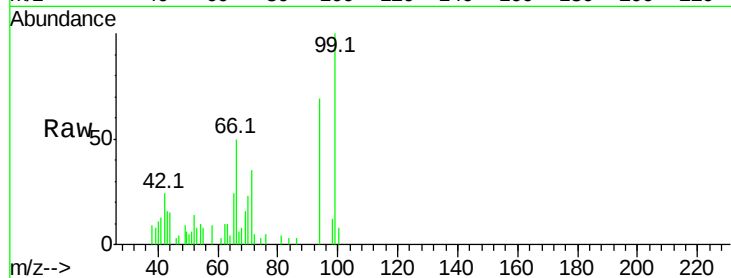
Tot Ion: 94 Resp: 6572

Ion Ratio Lower Upper

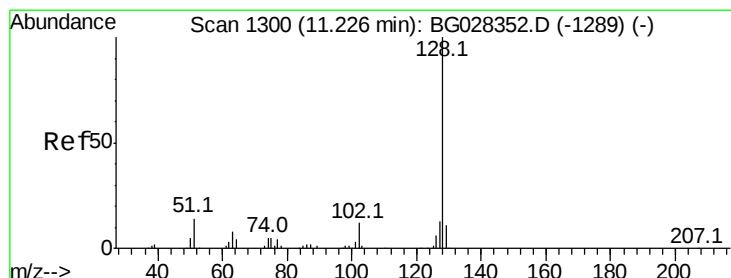
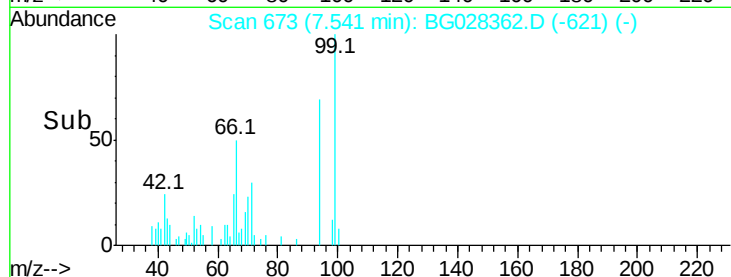
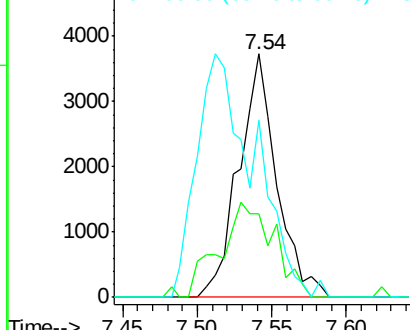
94 100

65 34.5 26.8 40.2

66 72.5 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



#28

Naphthalene

Concen: 1.480 ng/ul

RT: 11.23 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

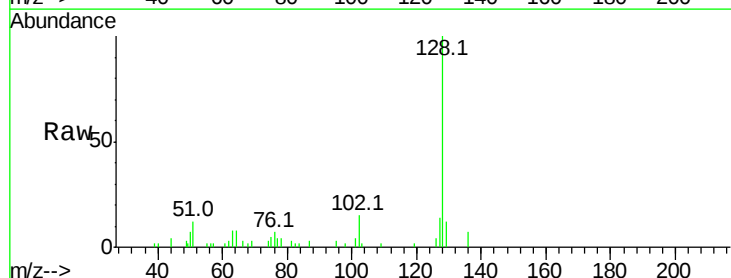
Tgt Ion: 128 Resp: 16881

Ion Ratio Lower Upper

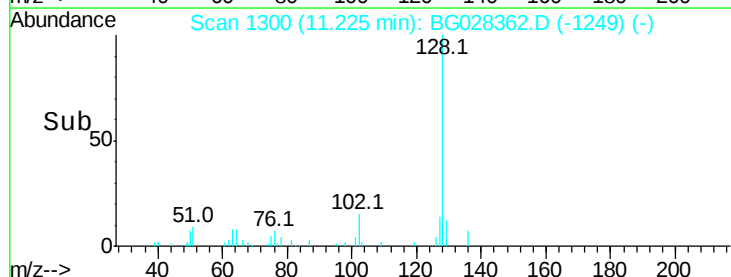
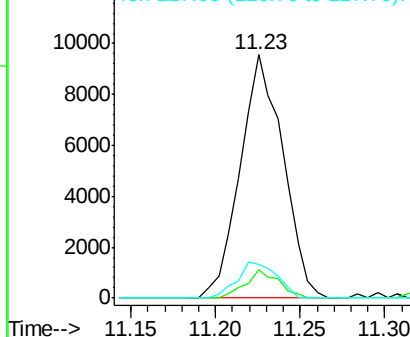
128 100

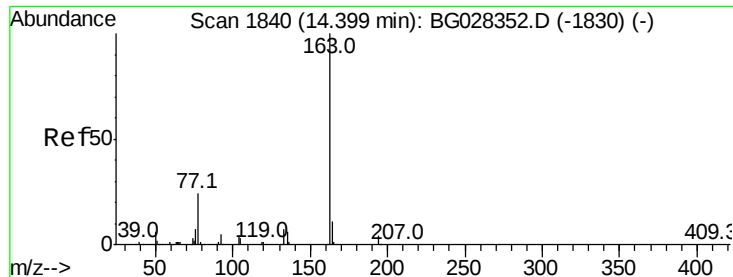
129 11.7 9.4 14.2

127 13.8 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

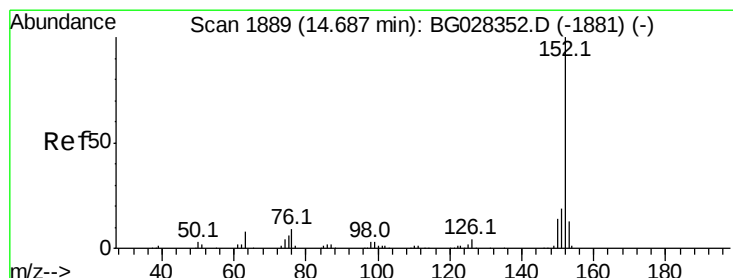
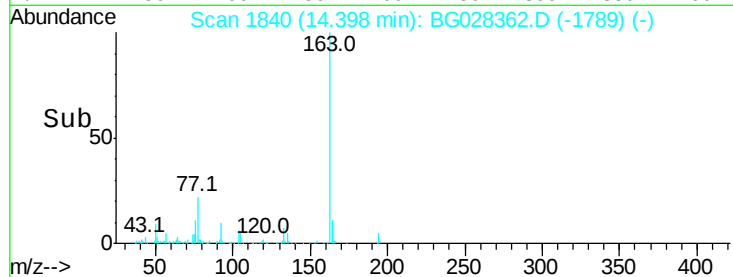
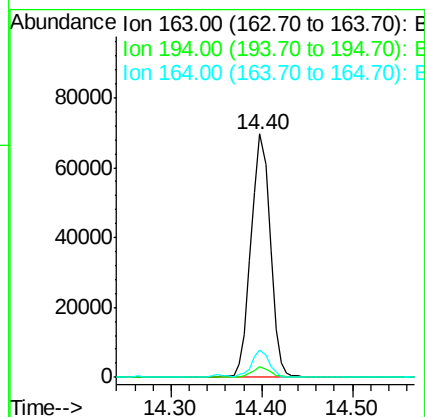
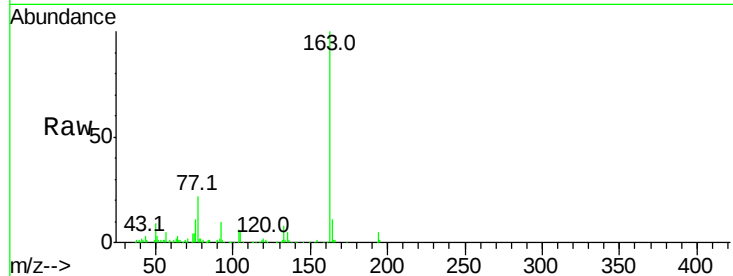




#44
Dimethylphthalate
Concen: 7.645 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

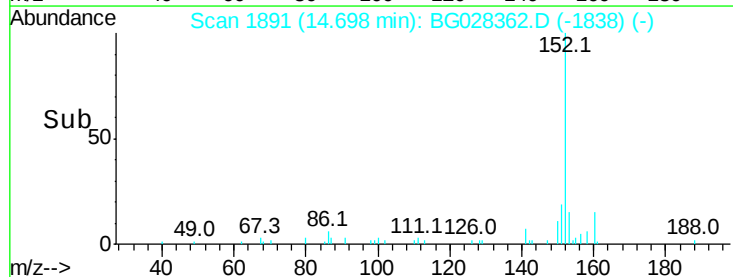
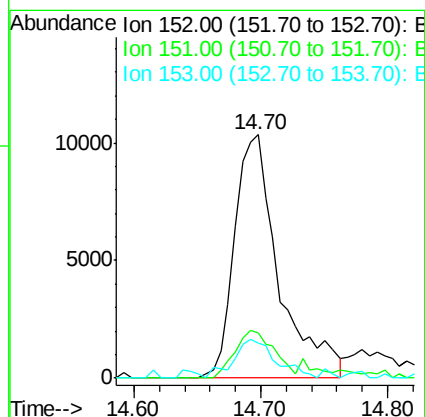
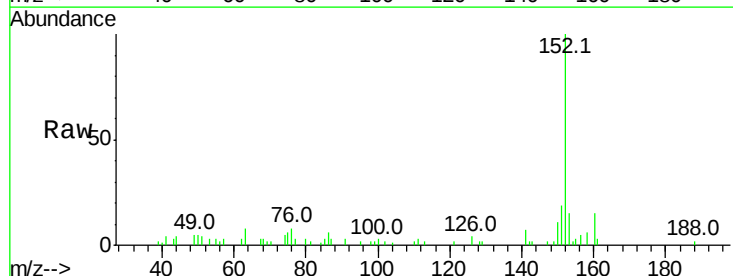
Instrument :
BNA_G
ClientSampleId :
C0AH9

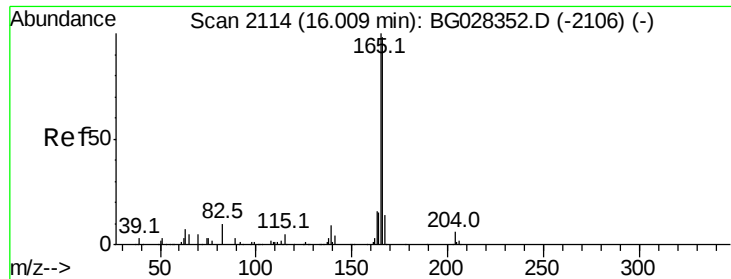
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	11.4	9.0	13.4



#47
Acenaphthylene
Concen: 1.594 ng/ul
RT: 14.70 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.7	25.1
153	14.5	11.4	17.2





#58

Fluorene

Concen: 1.576 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

C0AH9

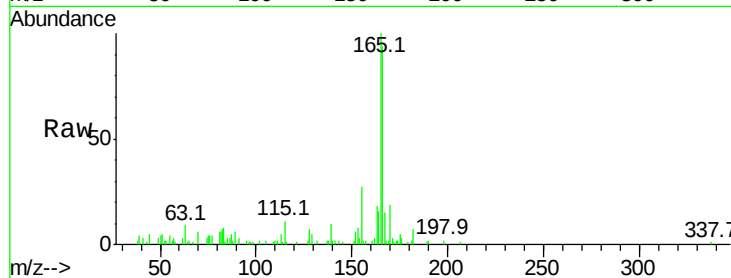
Tot Ion:166 Resp: 21606

Ion Ratio Lower Upper

166 100

165 106.5 79.7 119.5

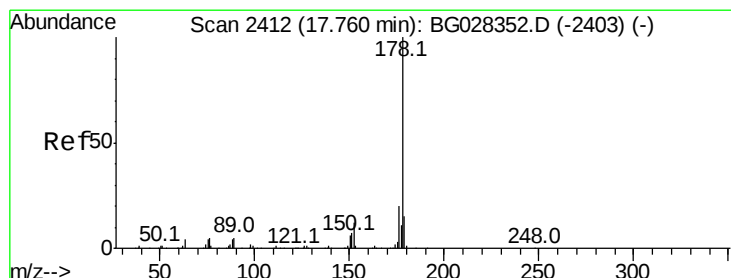
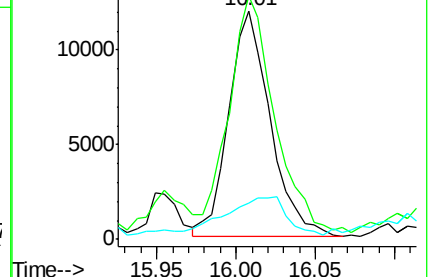
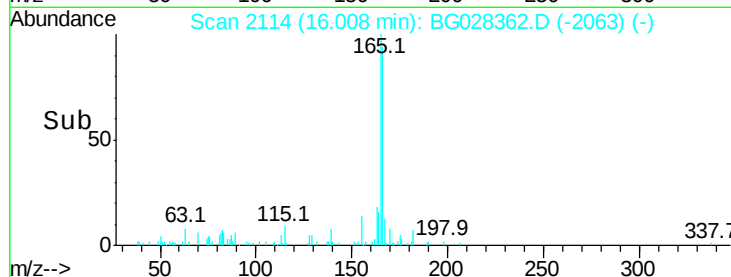
167 15.7 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 11.024 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. 0.09 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

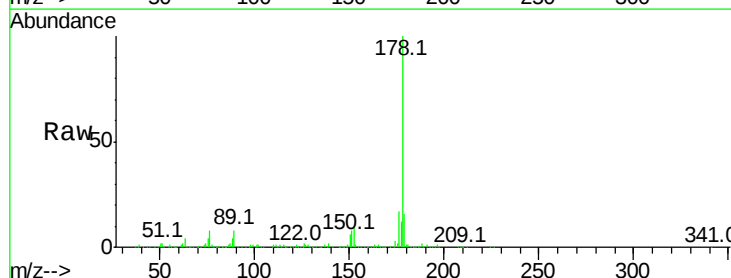
Tgt Ion:178 Resp: 228749

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

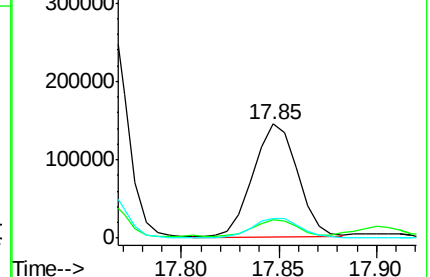
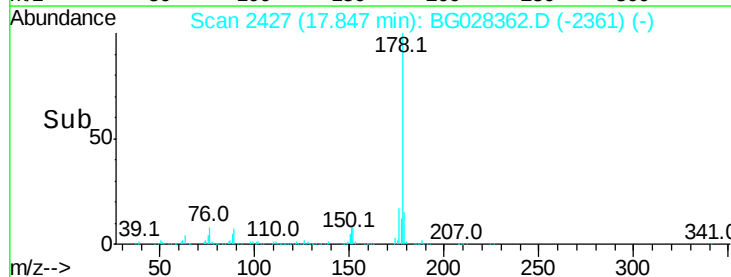
176 16.9 16.5 24.7

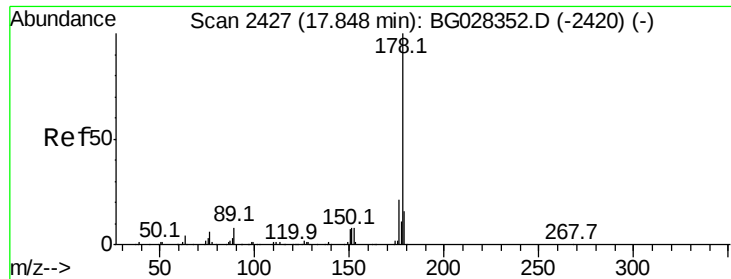


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

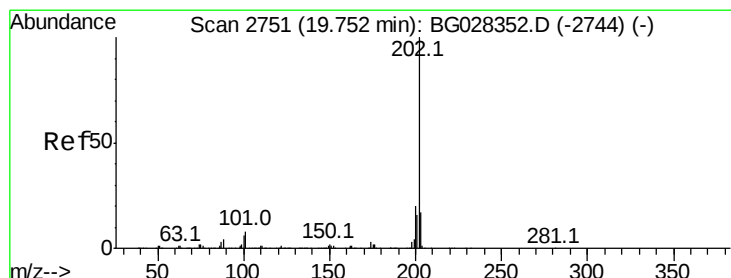
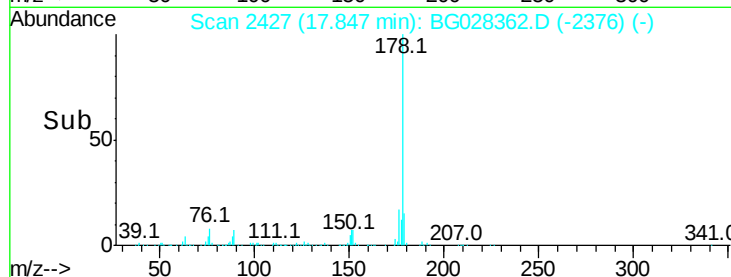
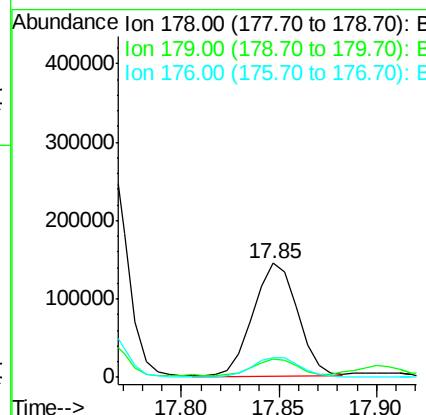
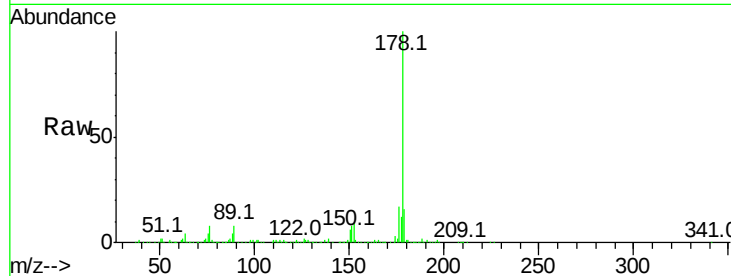




#71
 Anthracene
 Concen: 10.812 ng/ul
 RT: 17.85 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

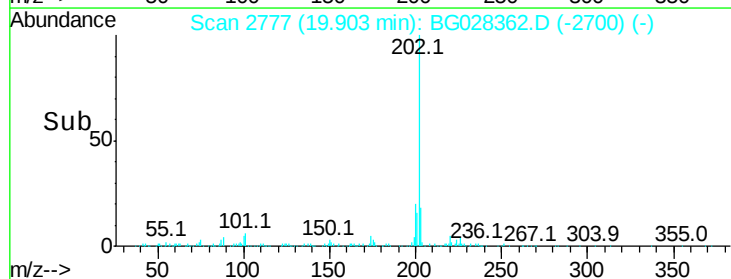
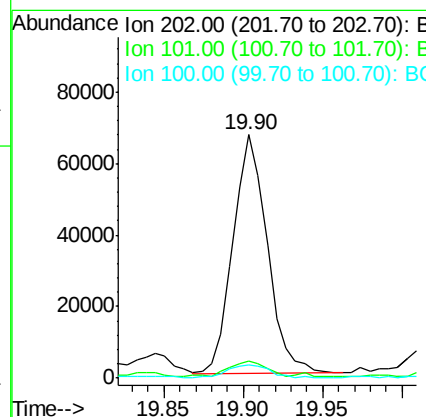
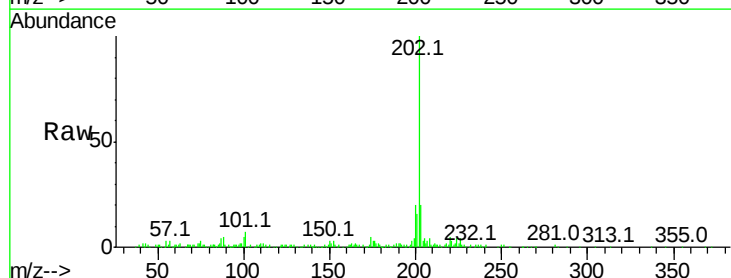
Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

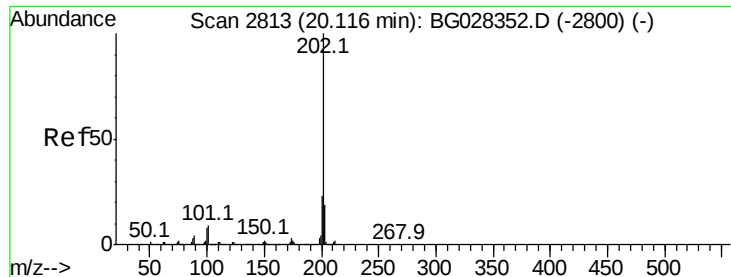
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	16.9	15.9	23.9



#74
 Fluoranthene
 Concen: 3.943 ng/ul
 RT: 19.90 min Scan# 2777
 Delta R.T. 0.15 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.2	9.2
100	5.2	5.2	7.8





#77

Pvrene

Concen: 38.578 ng/ul

RT: 20.12 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

C0AH9

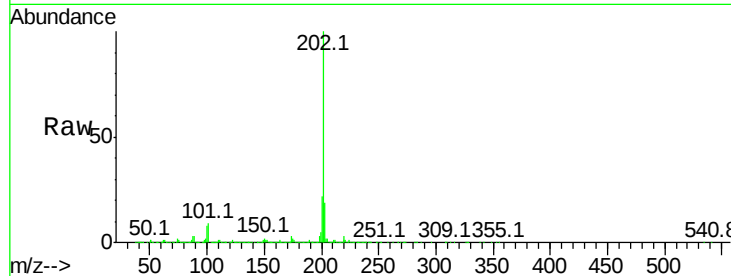
Tot Ion:202 Resp: 997147

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

100 7.7 6.6 10.0

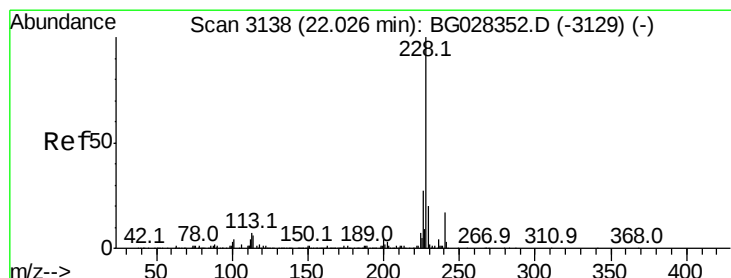
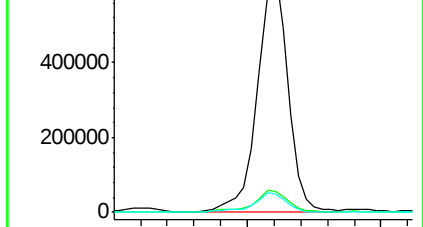
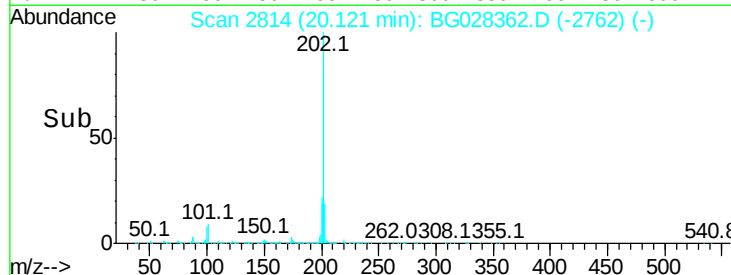


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 30.540 ng/ul

RT: 22.03 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

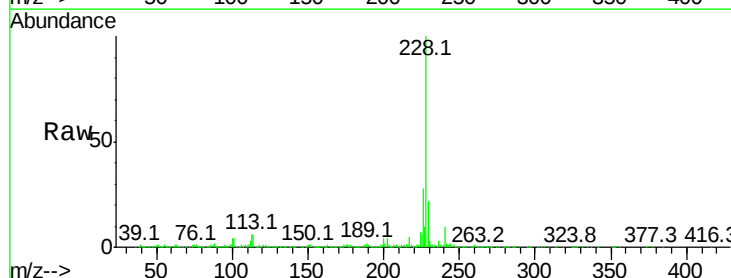
Tgt Ion:228 Resp: 764487

Ion Ratio Lower Upper

228 100

229 21.9 16.3 24.5

226 28.4 21.9 32.9

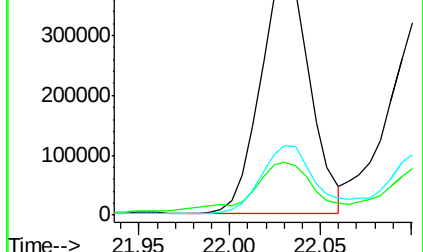
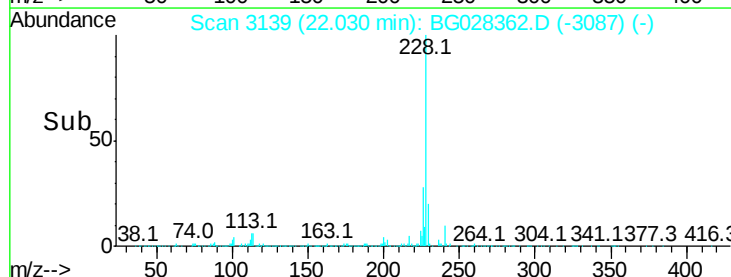


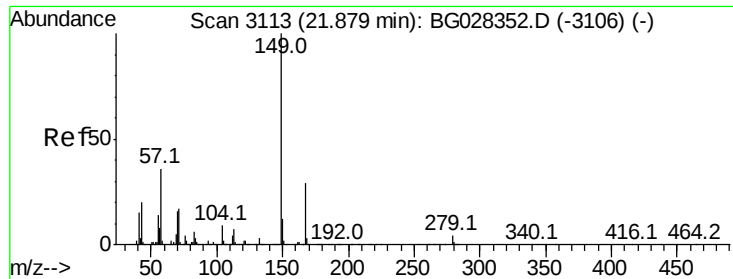
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

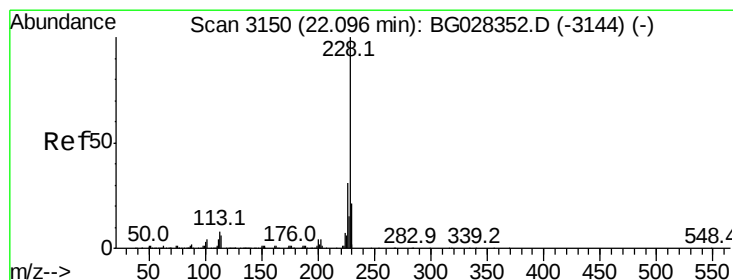
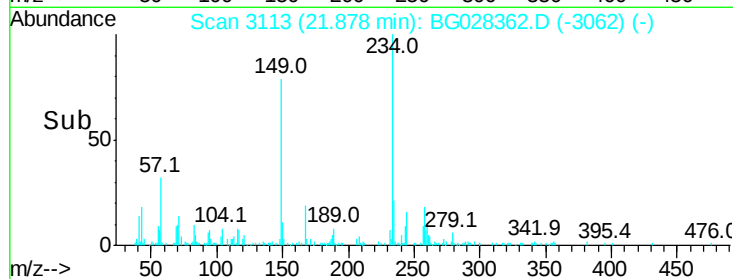
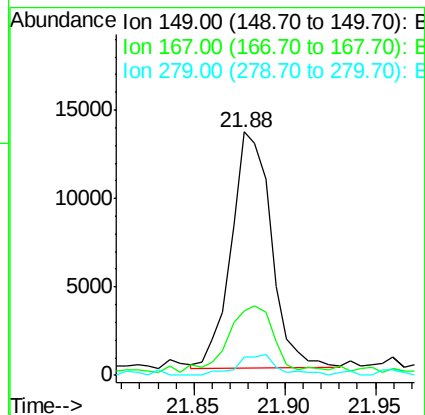
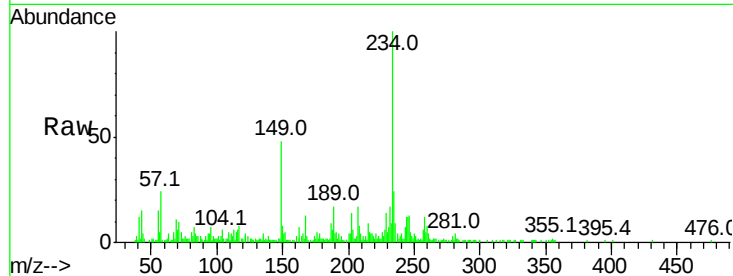




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.482 ng/ul
 RT: 21.88 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

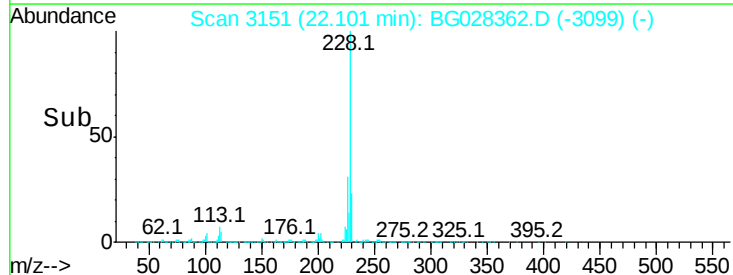
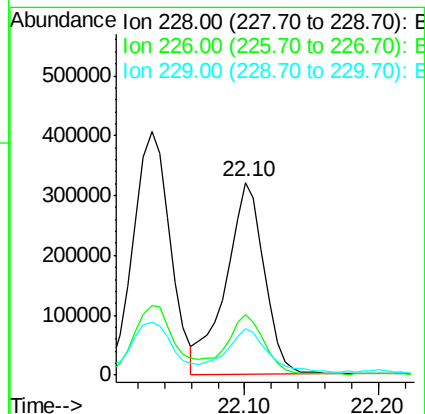
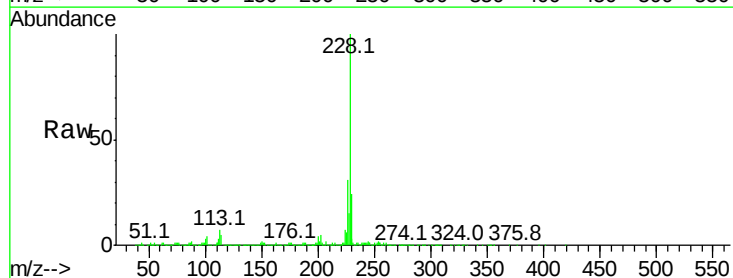
Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

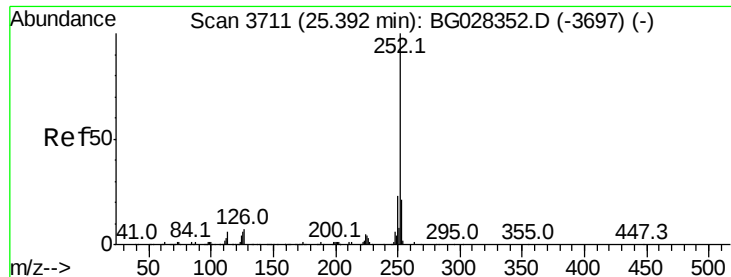
Tot Ion:149 Resp: 20414
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 7.3 4.5 6.7#



#82
 Chrysene
 Concen: 28.370 ng/ul
 RT: 22.10 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Tgt Ion:228 Resp: 639588
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.0 36.0
 229 24.3 16.9 25.3





#88

Benzo(a)pyrene

Concen: 17.388 ng/ul

RT: 25.41 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

C0AH9

Tot Ion:252 Resp: 422307

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 6.8 5.4 8.0

