

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041949.D
 Acq On : 4 Aug 2019 19:31
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:17:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	69786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	289619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	194935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	415009	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	407802	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	453815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5070	3.18	ng/uL	0.00
5) Phenol-d5	7.18	99	110197	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	61373	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	103822	22.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	88195	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	50799	23.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	62854	24.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	112713	22.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	95657	16.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	341788	22.61	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	401751	23.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	38927	15.33	ng/ul	0.00
57) Fluorene-d10	15.69	176	308283	22.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37379	14.04	ng/ul	0.00
70) Anthracene-d10	17.55	188	462880	23.25	ng/ul	0.00
78) Pyrene-d10	19.83	212	525710	23.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	565222	23.84	ng/ul	0.00

Target Compounds

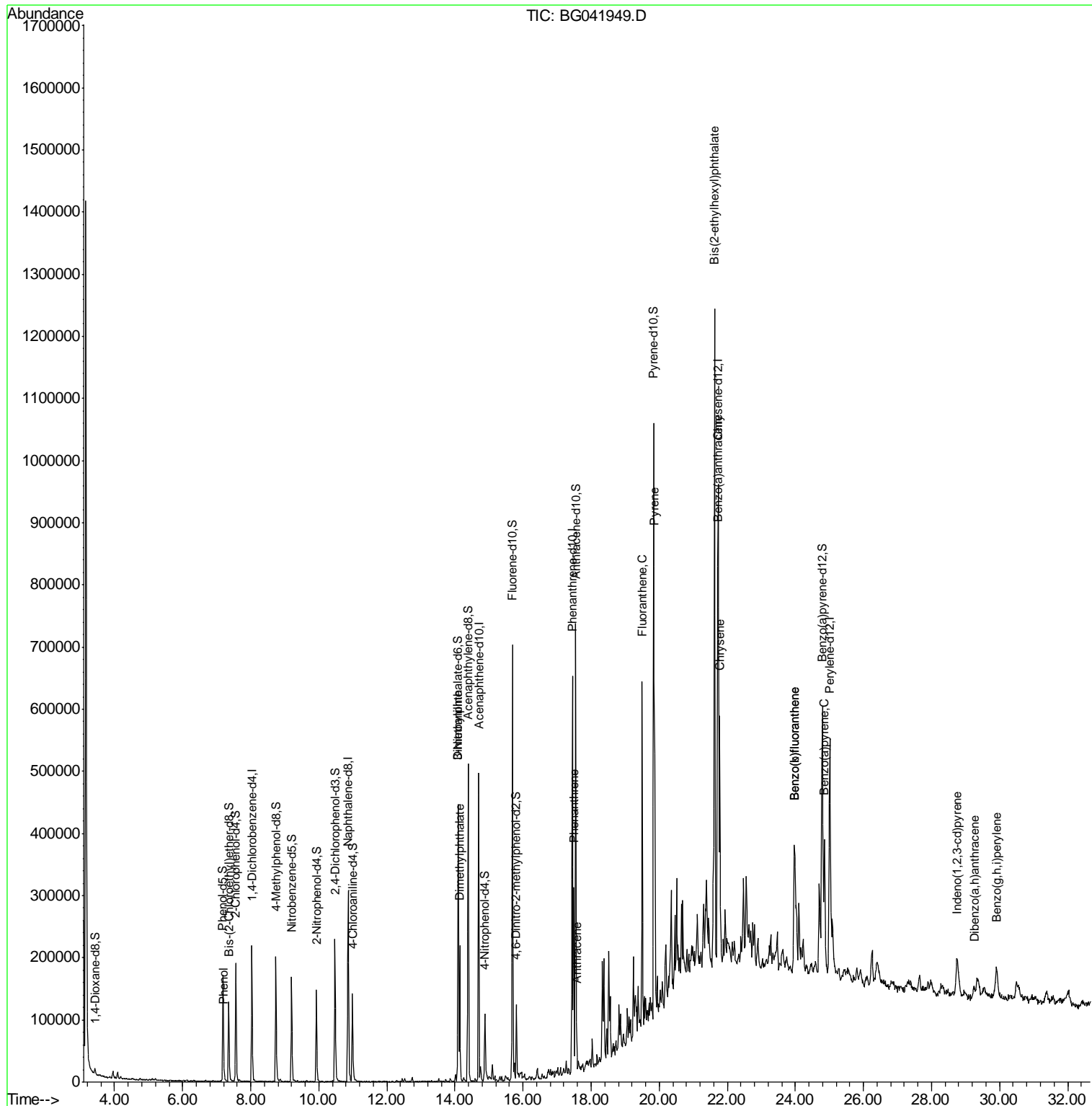
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.21	94	7562	1.338	ng/ul	98
44) Dimethylphthalate	14.14	163	156727	10.441	ng/ul	98
48) 3-Nitroaniline	14.09	138	18598	7.142	ng/ul#	54
69) Phenanthrene	17.49	178	202920	8.931	ng/ul	99
71) Anthracene	17.58	178	41389	1.796	ng/ul	99
76) Fluoranthene	19.50	202	376631	14.347	ng/ul	97
79) Pyrene	19.86	202	494988	18.045	ng/ul	97
82) Benzo(a)anthracene	21.71	228	308541	10.912	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	519646	35.274	ng/ul	99
84) Chrysene	21.78	228	308849	11.703	ng/ul	98
87) Benzo(b)fluoranthene	23.97	252	283242	9.946	ng/ul	99
88) Benzo(k)fluoranthene	23.97	252	283242	10.344	ng/ul	99
90) Benzo(a)pyrene	24.86	252	273827	10.090	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.75	276	113369	3.582	ng/ul	99
92) Dibenzo(a,h)anthracene	29.24	278	28768	1.114	ng/ul	93
93) Benzo(g,h,i)perylene	29.91	276	51752	1.958	ng/ul	99

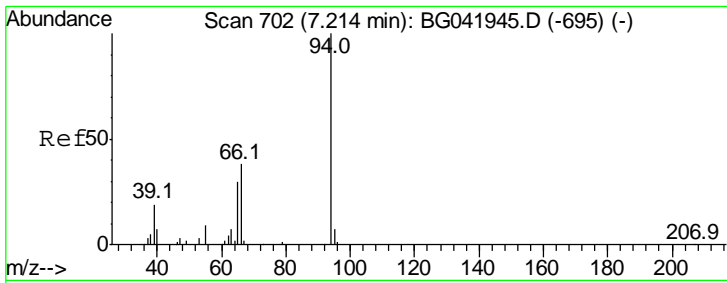
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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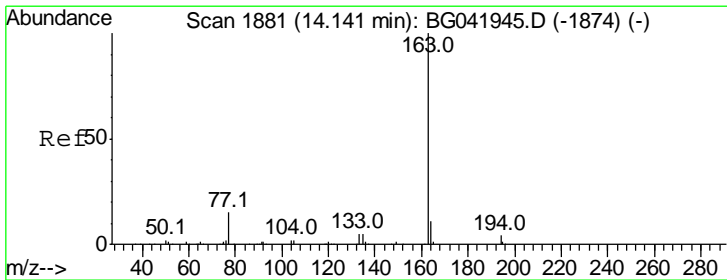
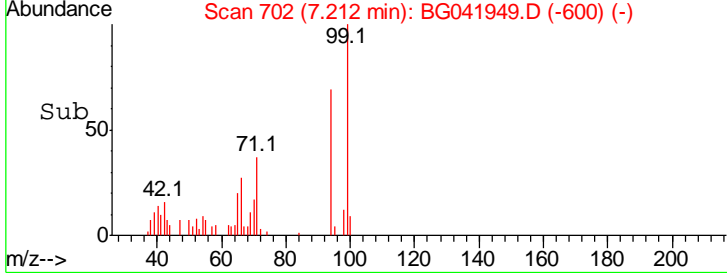
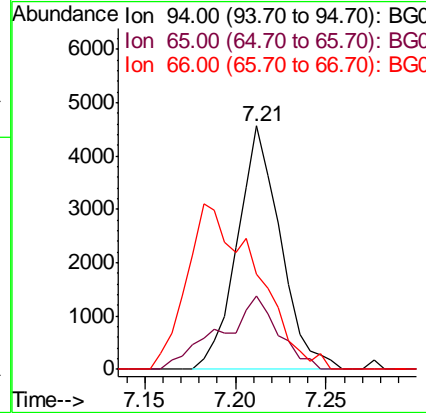
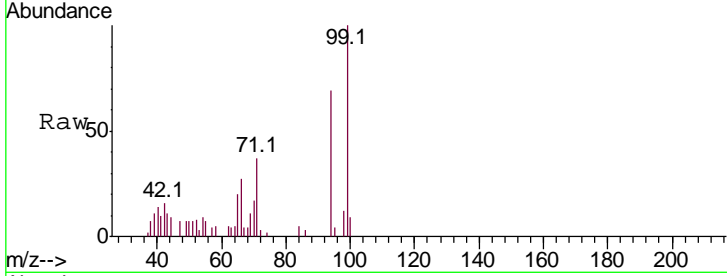




#6
 Phenol
 Concen: 1.338 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

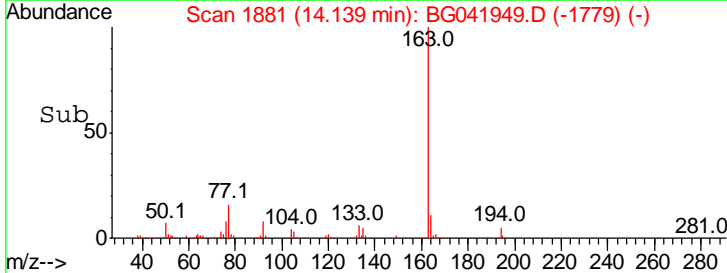
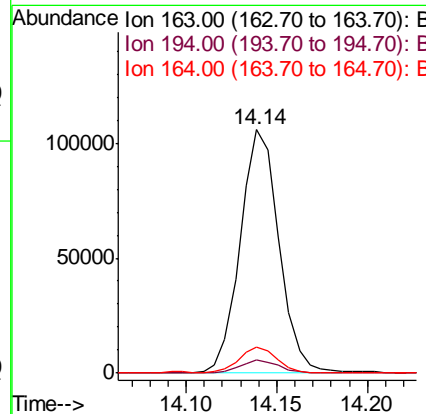
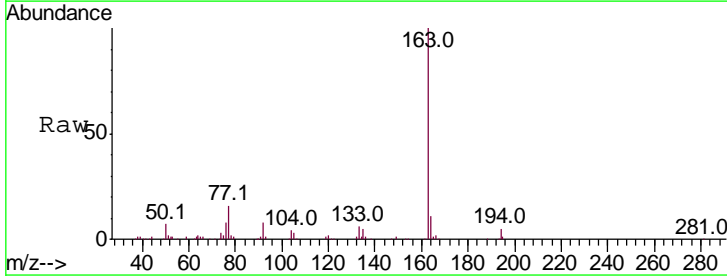
Instrument :
 BNA_G
 ClientSampled :

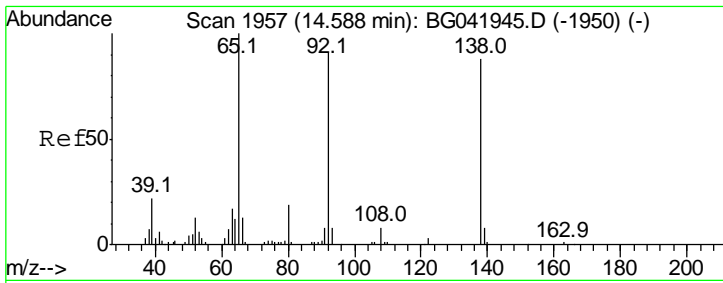
Tgt Ion	Resp	Lower	Upper
94	100		
65	29.9	25.8	38.6
66	39.1	31.8	47.8



#44
 Dimethylphthalate
 Concen: 10.441 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	10.5	7.8	11.8

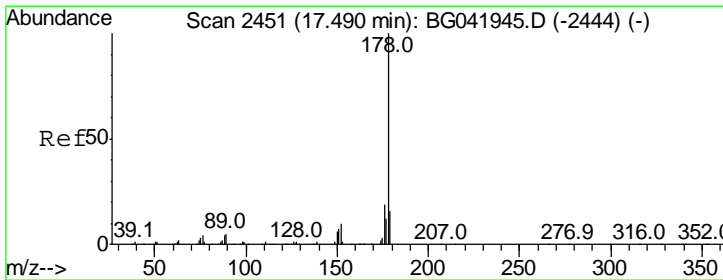
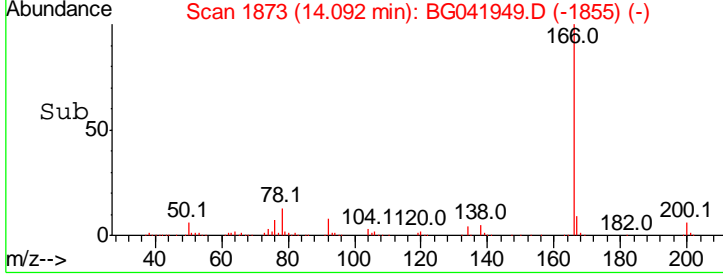
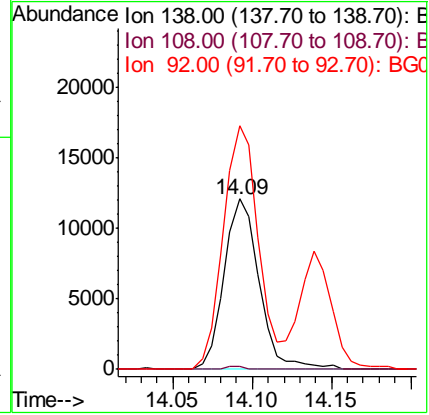
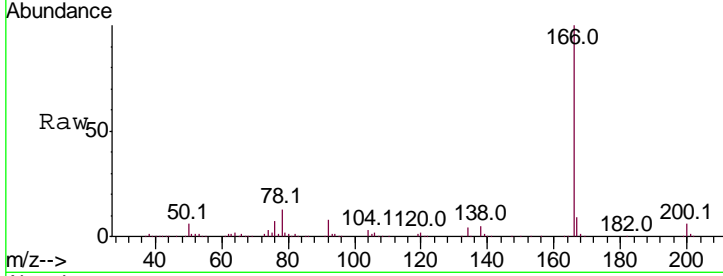




#48
 3-Nitroaniline
 Concen: 7.142 ng/ul
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.50 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

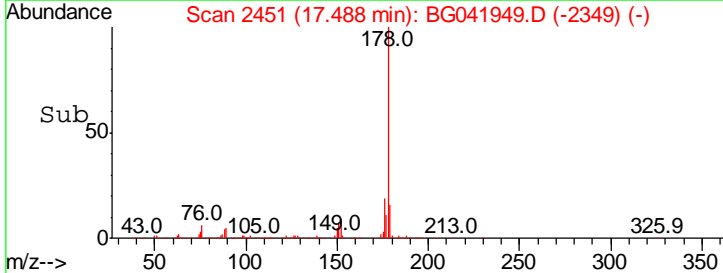
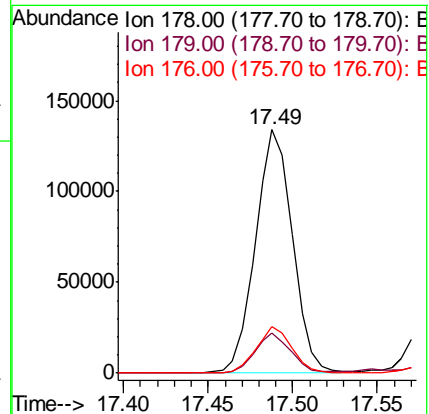
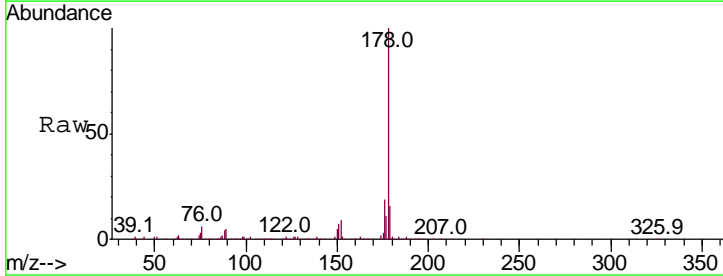
Instrument :
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 ClientSampled :

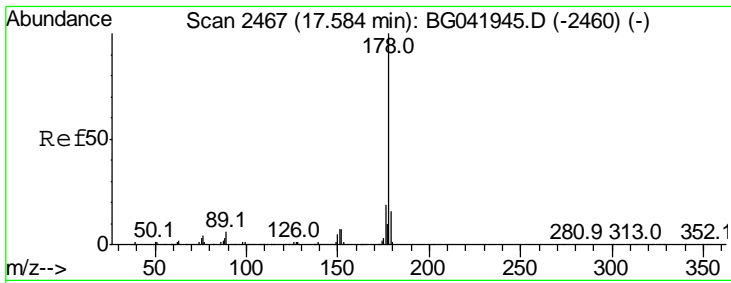
Tgt Ion	Resp	Lower	Upper
138	18598		
108	1.5	7.6	11.4#
92	142.9	76.4	114.6#



#69
 Phenanthrene
 Concen: 8.931 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
178	202920		
179	16.3	12.8	19.2
176	19.0	15.4	23.2

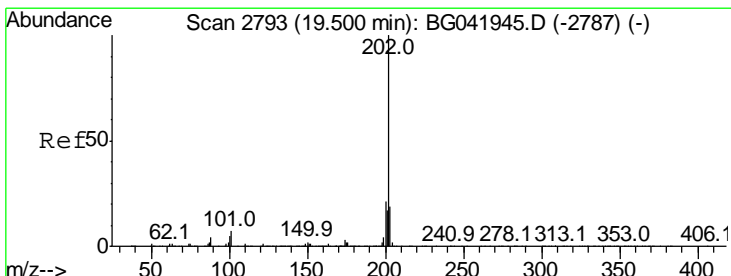
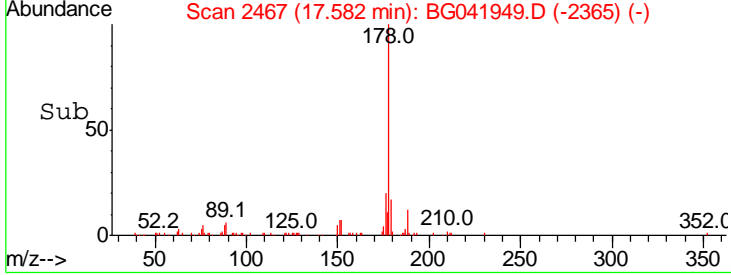
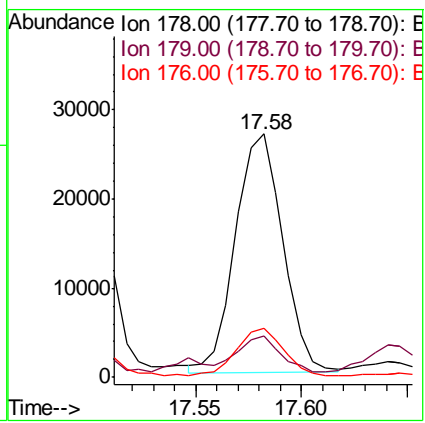
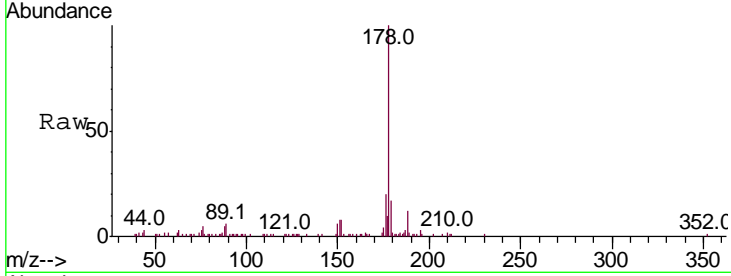




#71
 Anthracene
 Concen: 1.796 ng/ul
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

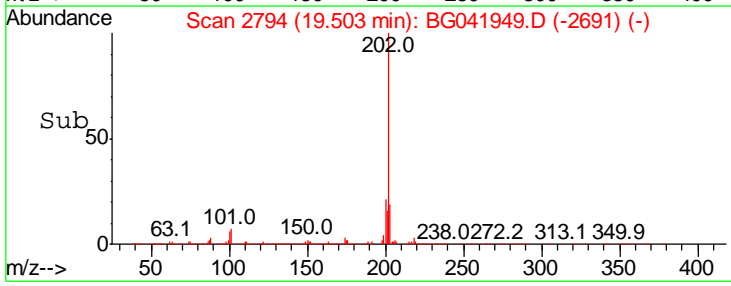
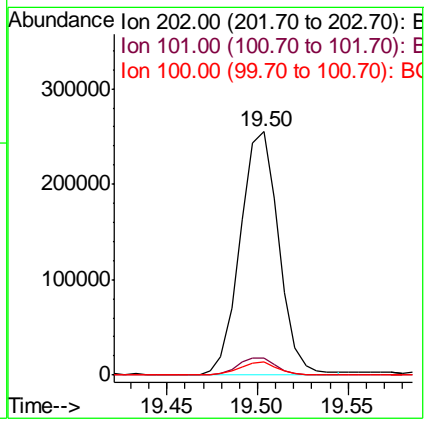
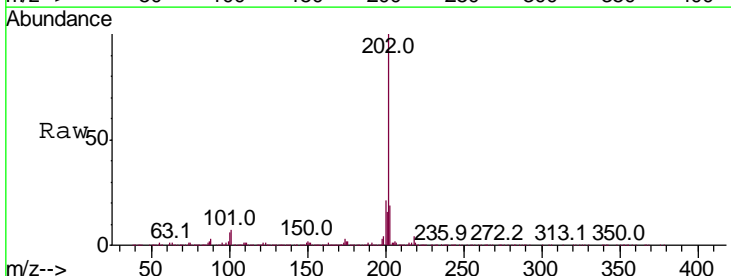
Instrument :
 BNA_G
 ClientSampled :

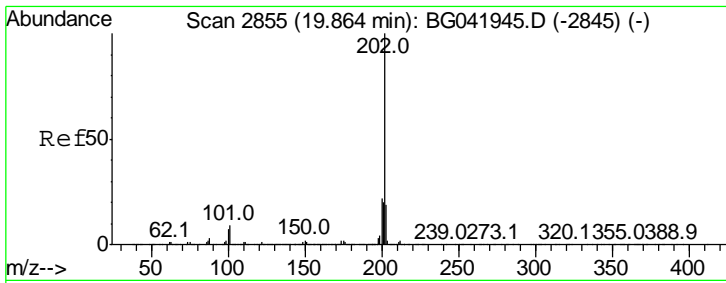
Tgt Ion	Resp	Lower	Upper
178	100		
179	16.8	13.4	20.0
176	20.2	15.4	23.2



#76
 Fluoranthene
 Concen: 14.347 ng/ul
 RT: 19.50 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
202	100		
101	7.1	6.7	10.1
100	5.5	5.3	7.9

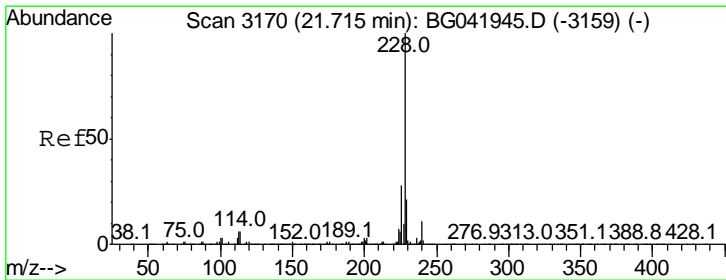
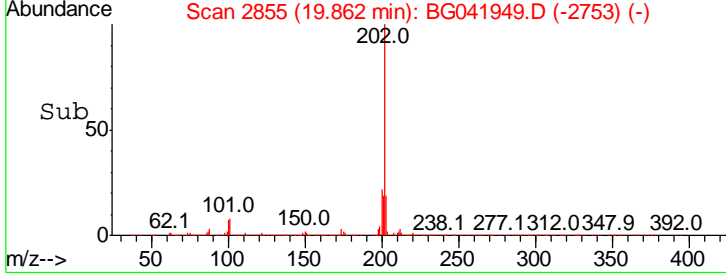
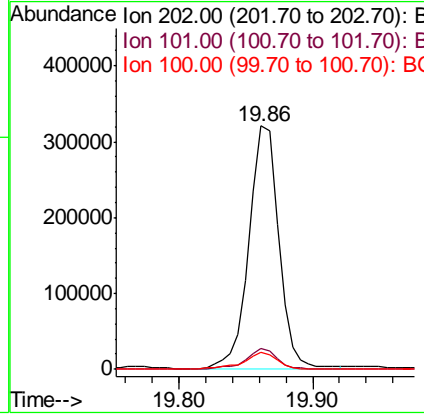
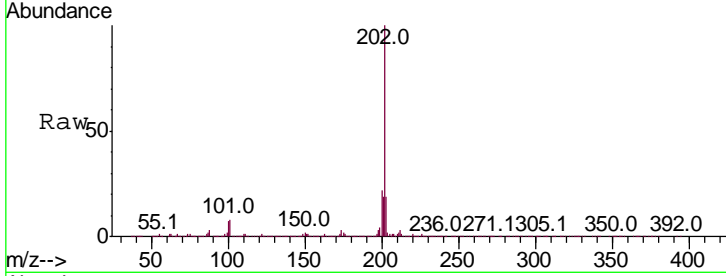




#79
 Pyrene
 Concen: 18.045 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

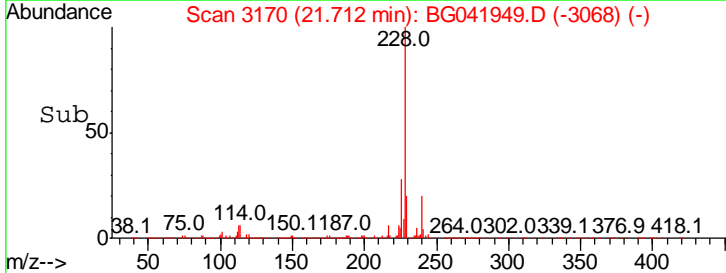
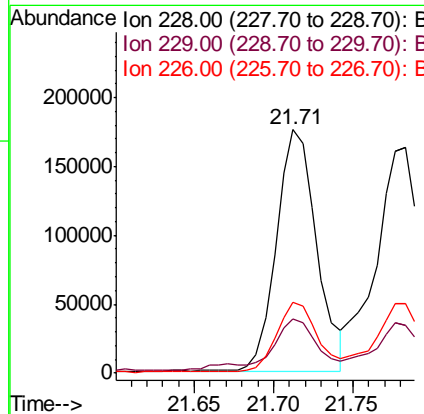
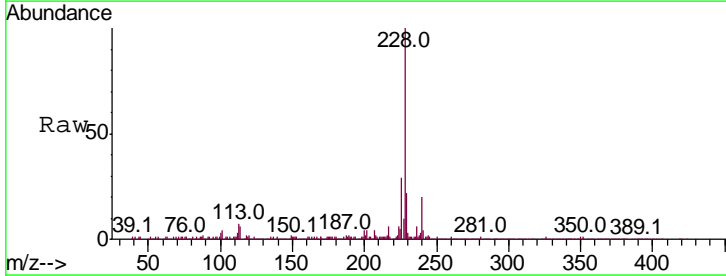
Instrument :
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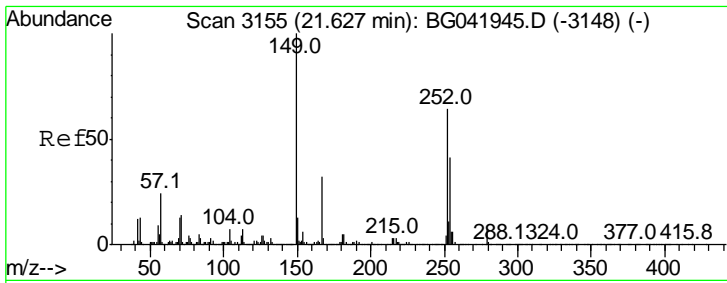
Tgt Ion	Resp	Lower	Upper
202	494988		
101	8.5	7.6	11.4
100	6.8	6.5	9.7



#82
 Benzo(a)anthracene
 Concen: 10.912 ng/ul
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
228	308541		
229	22.2	17.0	25.6
226	29.0	23.3	34.9

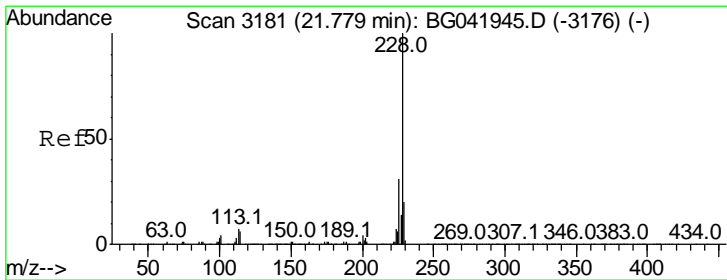
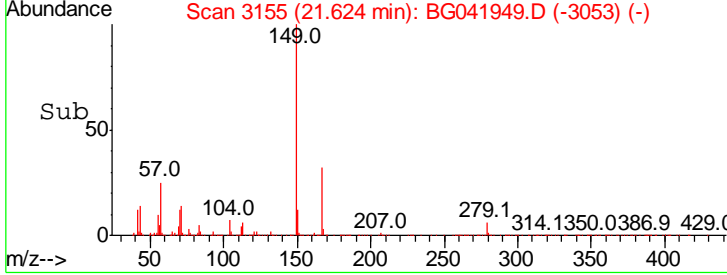
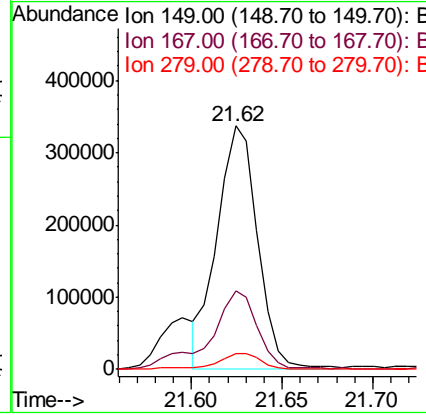
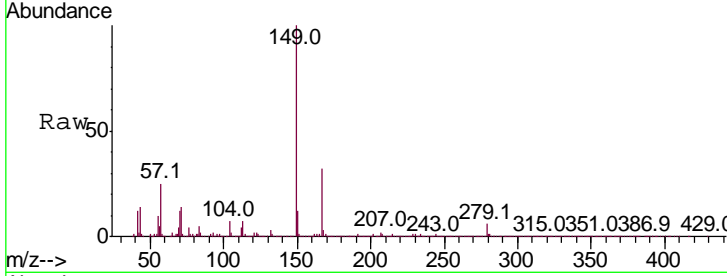




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.274 ng/ul
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

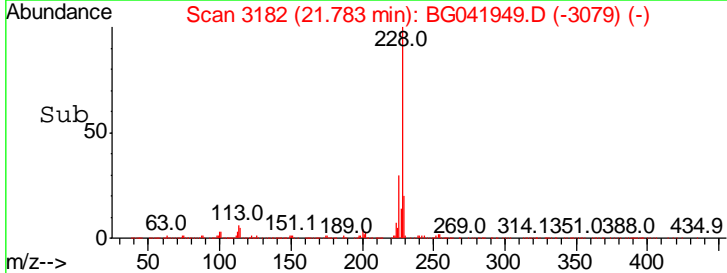
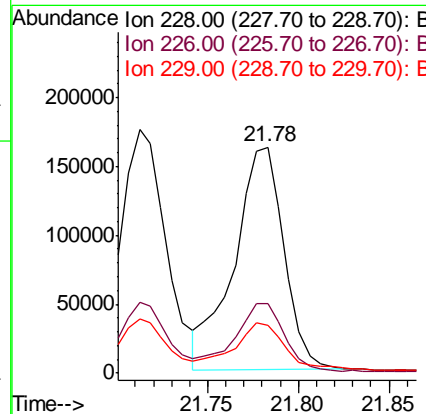
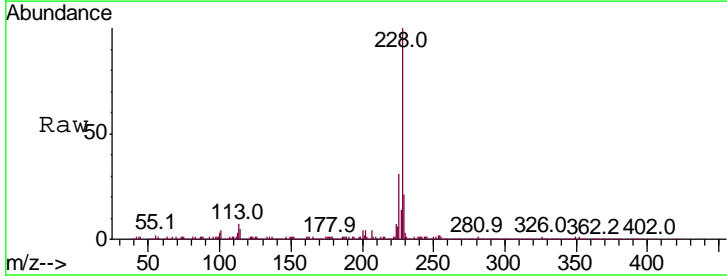
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 BNA_G
 ClientSampled :

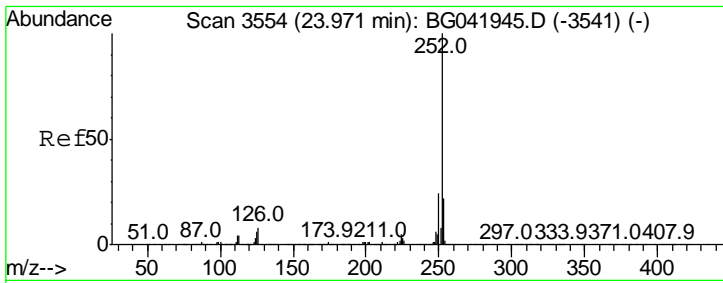
Tgt Ion	Resp	Lower	Upper
149	100		
167	32.0	25.0	37.4
279	6.5	5.2	7.8



#84
 Chrysene
 Concen: 11.703 ng/ul
 RT: 21.78 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.6	25.7	38.5
229	21.4	16.6	24.8

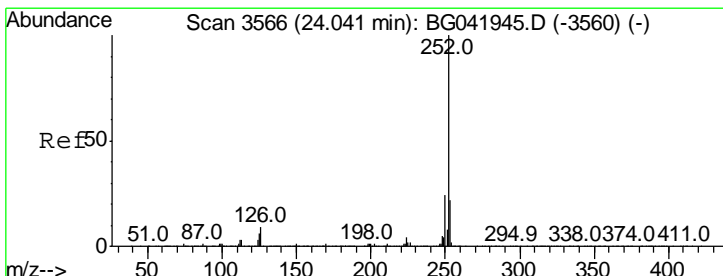
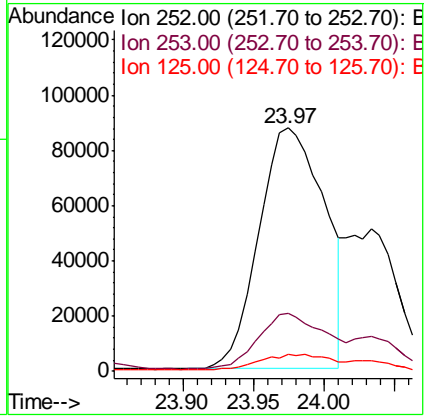
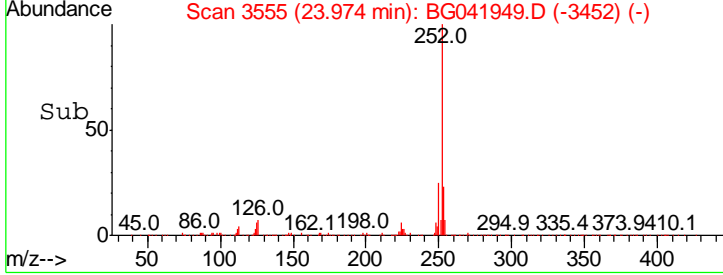
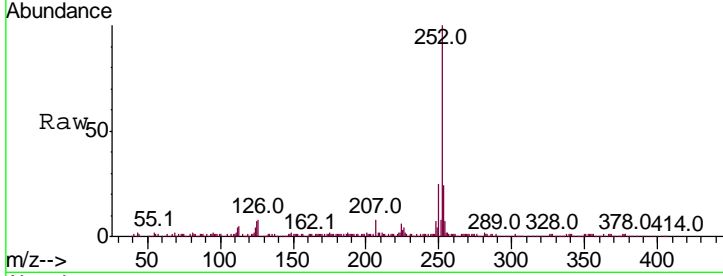




#87
 Benzo(b)fluoranthene
 Concen: 9.946 ng/ul
 RT: 23.97 min Scan# 3555
 Delta R.T. 0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

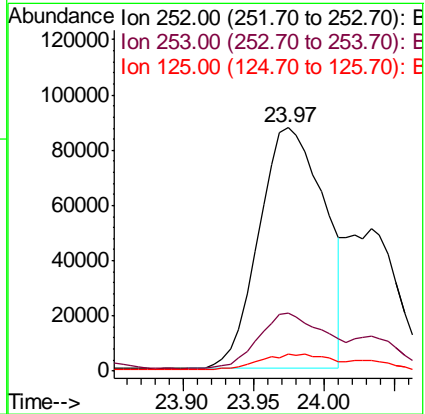
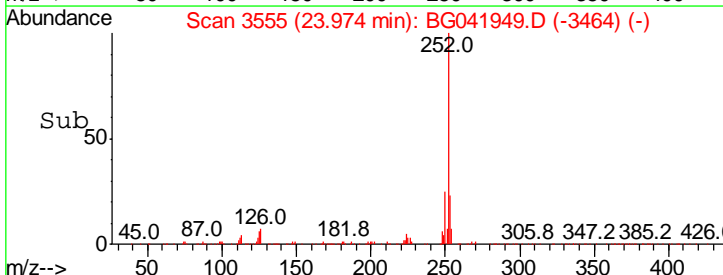
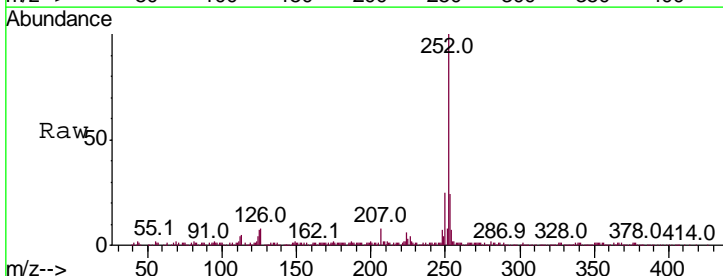
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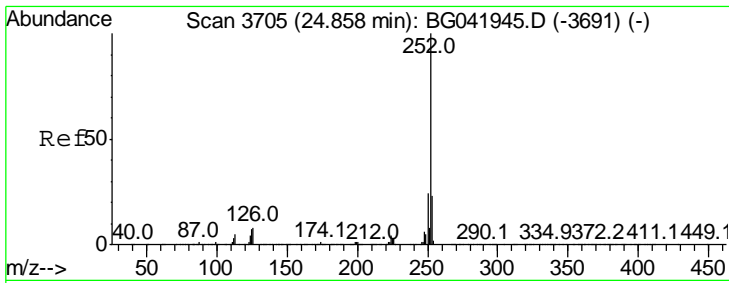
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	6.8	5.8	8.8



#88
 Benzo(k)fluoranthene
 Concen: 10.344 ng/ul
 RT: 23.97 min Scan# 3555
 Delta R.T. -0.07 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	6.8	5.5	8.3

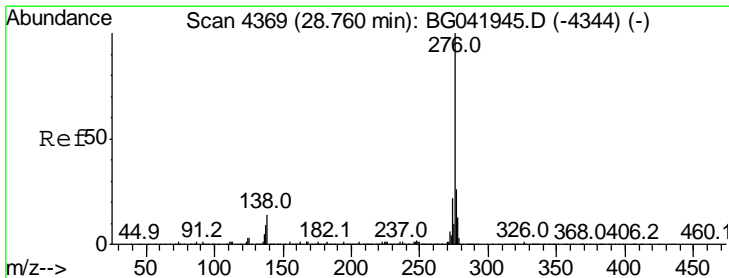
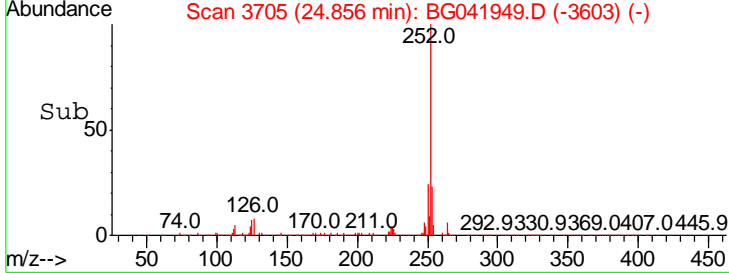
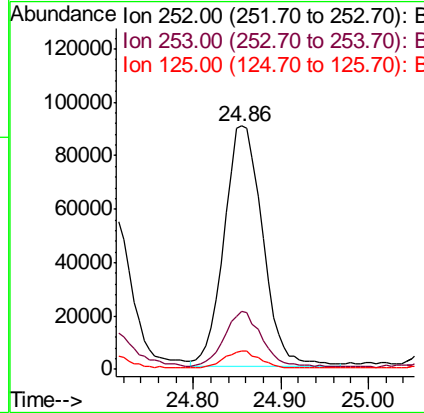
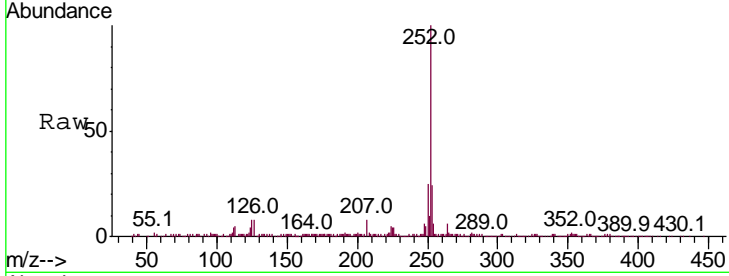




#90
 Benzo(a)pyrene
 Concen: 10.090 ng/ul
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

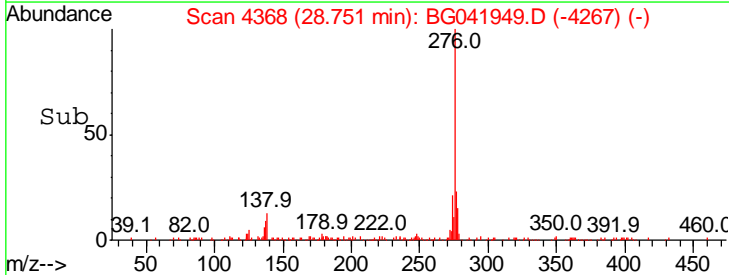
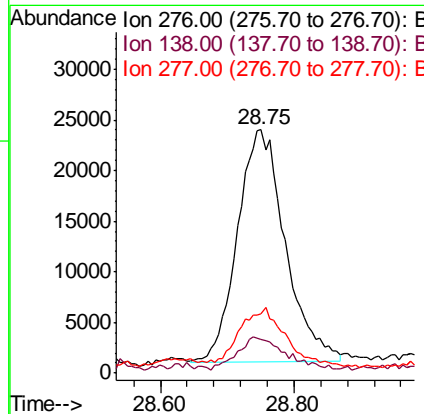
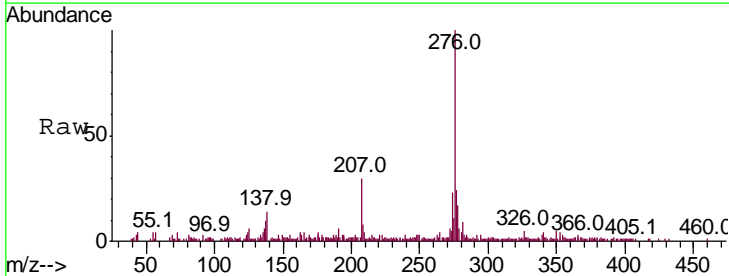
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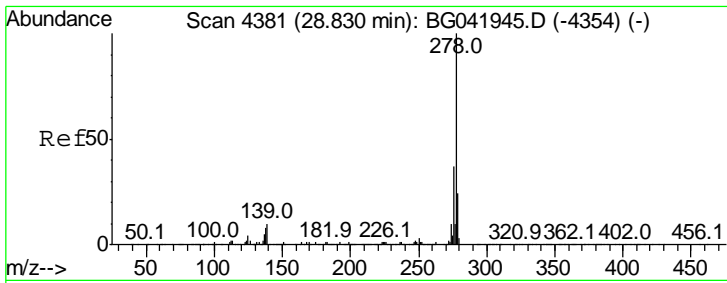
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	7.8	6.5	9.7



#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.582 ng/ul
 RT: 28.75 min Scan# 4368
 Delta R.T. -0.01 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
276	100		
138	14.0	12.0	18.0
277	24.4	19.2	28.8

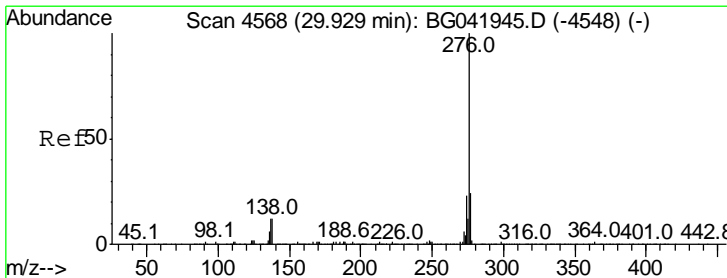
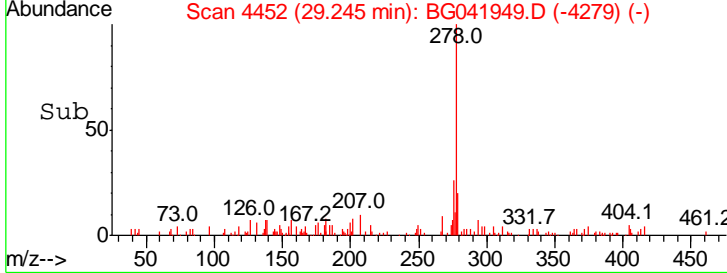
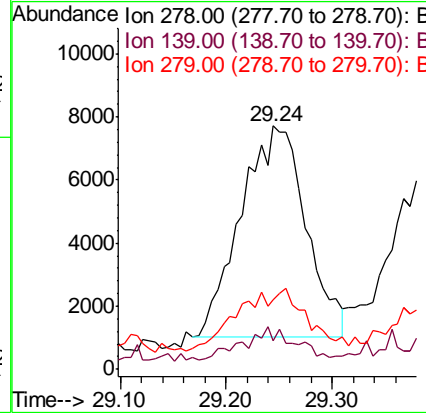
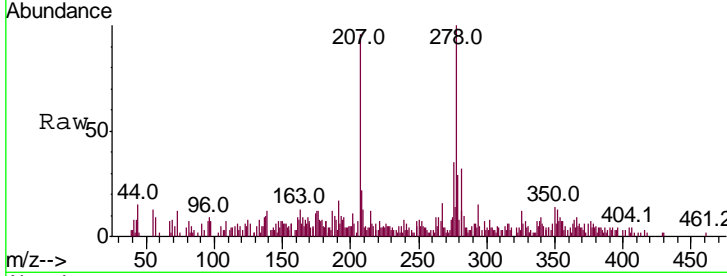




#92
 Dibenzo(a,h)anthracene
 Concen: 1.114 ng/ul
 RT: 29.24 min Scan# 4452
 Delta R.T. 0.41 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	100		
139	11.8	9.4	14.0
279	28.8	19.2	28.8



#93
 Benzo(g,h,i)perylene
 Concen: 1.958 ng/ul
 RT: 29.91 min Scan# 4565
 Delta R.T. -0.02 min
 Lab File: BG041949.D
 Acq: 4 Aug 2019 19:31

Tgt Ion	Resp	Lower	Upper
276	100		
138	15.0	12.6	18.8
277	24.3	19.2	28.8

