

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030881.D
 Acq On : 9 Nov 2017 15:49
 Operator : SJ/JU
 Sample : I6286-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F33

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:12:51 PM

Quant Time: Nov 10 01:47:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	53315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	251286	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	171503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	430600	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	467476	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	460481	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3908	2.98	ng/uL	0.00
5) Phenol-d5	7.31	99	93706	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	56068	17.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	75489	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	77935	18.86	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	42171	23.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	52995	28.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	92772	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	104886	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	361015	24.62	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	425208	23.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	53753	19.86	ng/ul	0.00
57) Fluorene-d10	15.76	176	326175	27.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	60271	28.67	ng/ul	0.00
70) Anthracene-d10	17.61	188	517826	25.43	ng/ul	0.00
76) Pyrene-d10	19.88	212	619037	25.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	585076	26.83	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	7086	1.338 ng/ul	91
44) Dimethylphthalate	14.21	163	59541	4.163 ng/ul	99
69) Phenanthrene	17.55	178	154157	6.622 ng/ul	98
74) Fluoranthene	19.55	202	226624	8.711 ng/ul	99
77) Pyrene	19.91	202	302706	9.662 ng/ul	98
80) Benzo(a)anthracene	21.76	228	126849	4.330 ng/ul	96
82) Chrysene	21.83	228	160778	6.040 ng/ul	97
85) Benzo(b)fluoranthene	24.03	252	159433	5.767 ng/ul	98
86) Benzo(k)fluoranthene	24.09	252	48097m	1.800 ng/ul	
88) Benzo(a)pyrene	24.93	252	119453	4.439 ng/ul	94
89) Indeno(1,2,3-cd)pyrene	28.88	276	79154	2.600 ng/ul	94
91) Benzo(g,h,i)perylene	30.06	276	66251m	2.625 ng/ul	

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

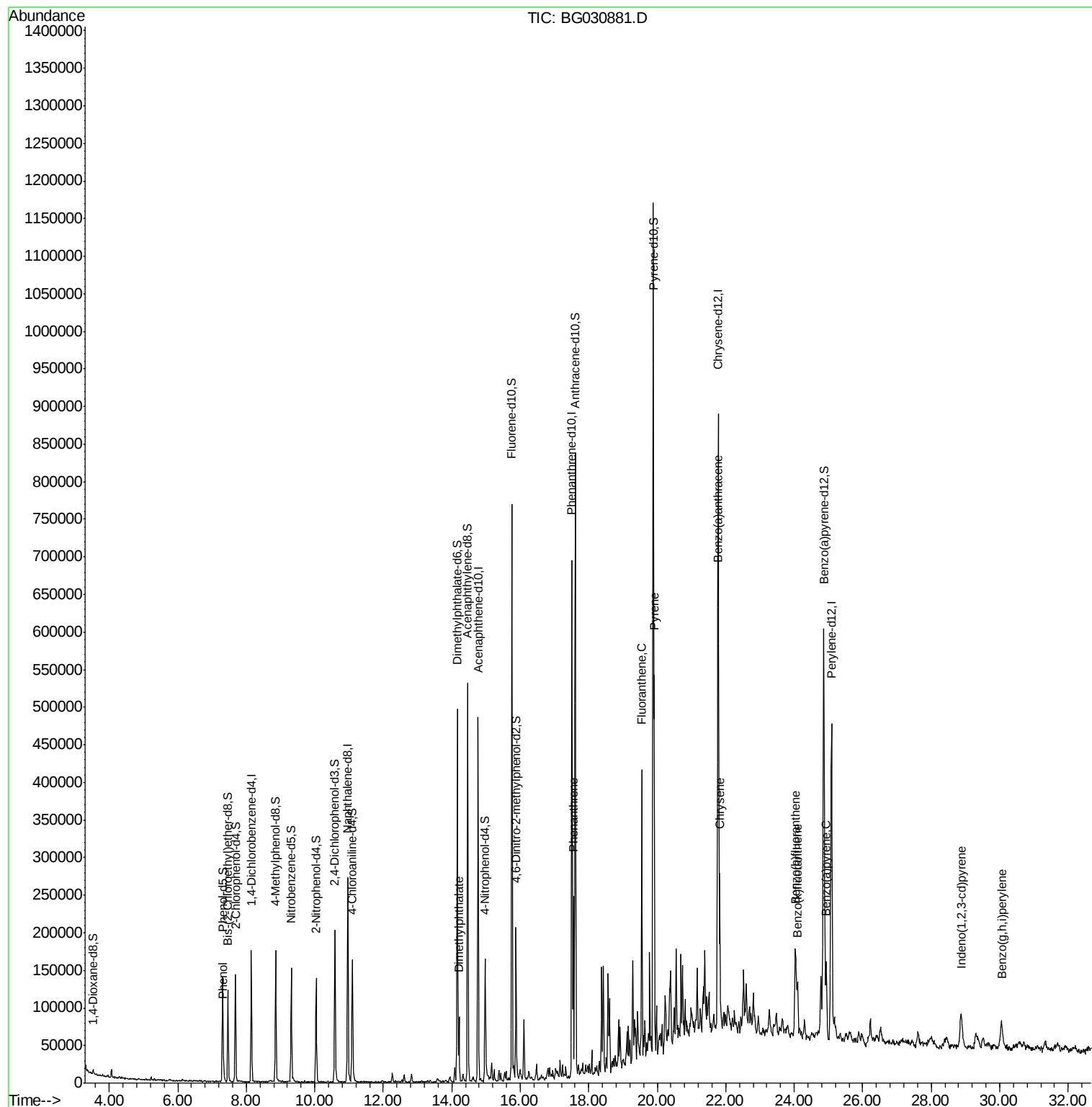
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030881.D
Acq On : 9 Nov 2017 15:49
Operator : SJ/JU
Sample : I6286-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

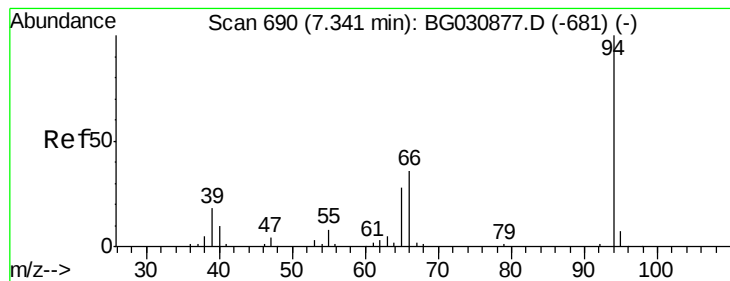
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





#6

Phenol

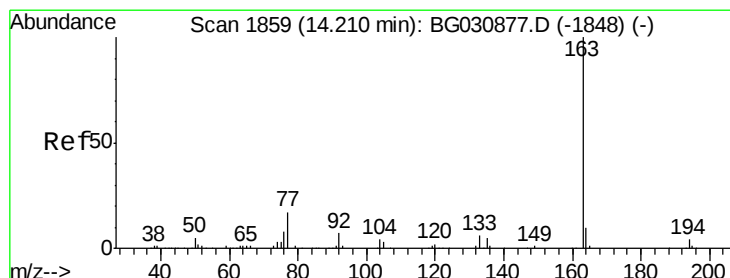
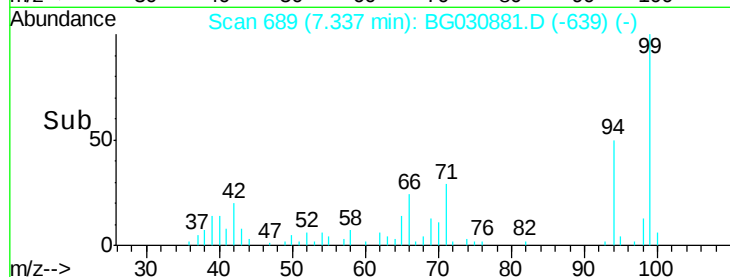
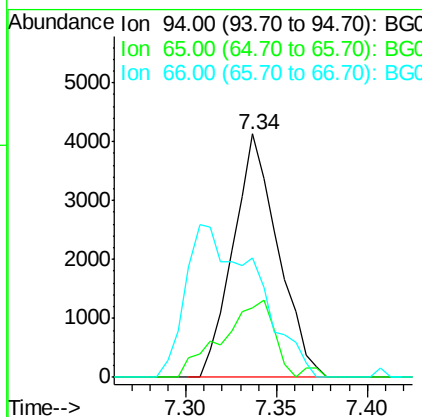
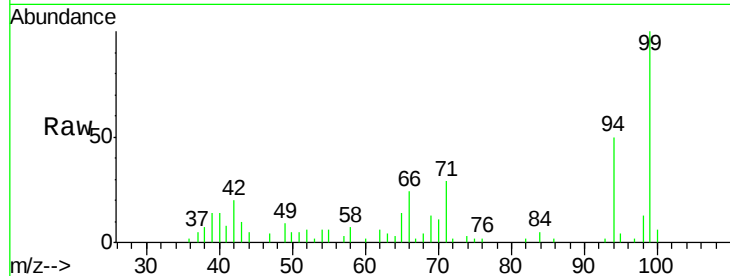
Concen: 1.338 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BG030881.D
 Acq: 9 Nov 2017 15:49

Instrument :
 BNA_G
 ClientSampled :
 B0F33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	27.1	40.7
66	48.8	34.6	52.0

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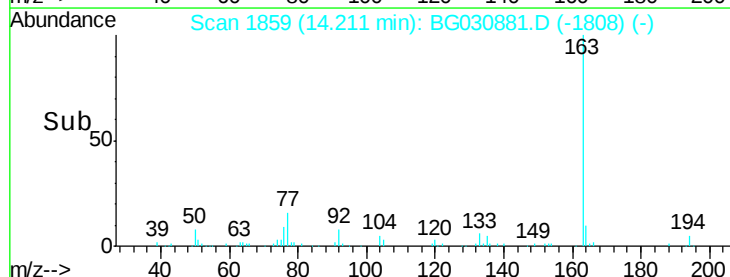
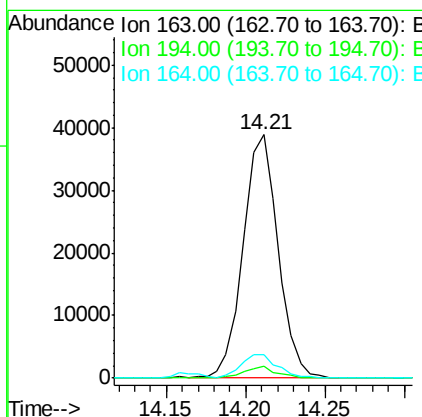
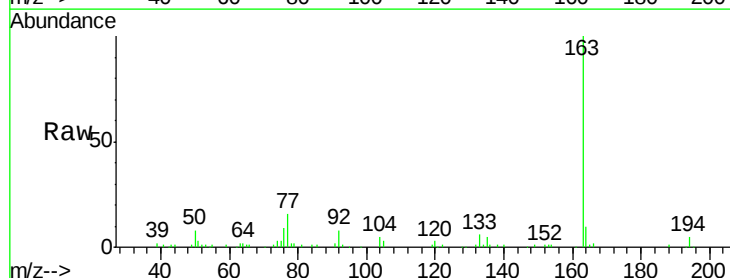


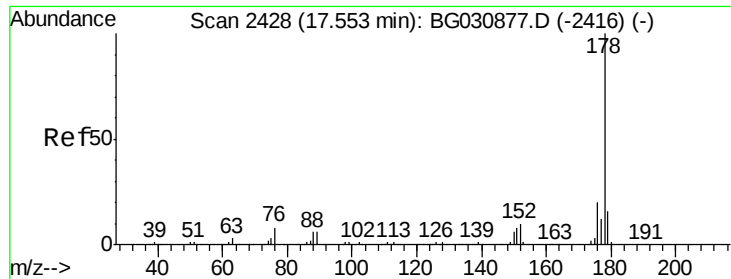
#44

Dimethylphthalate

Concen: 4.163 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BG030881.D
 Acq: 9 Nov 2017 15:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.8	7.6	11.4





#69

Phenanthrene

Concen: 6.622 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030881.D

Acq: 9 Nov 2017 15:49

Instrument :

BNA_G

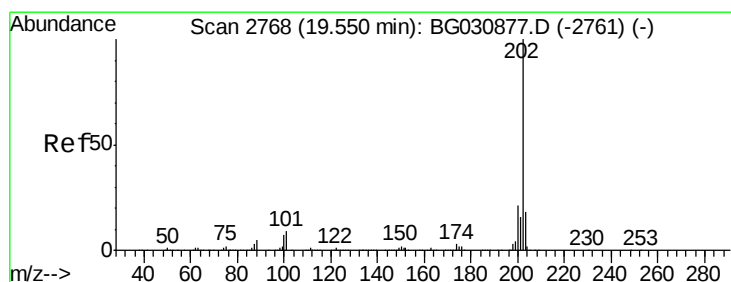
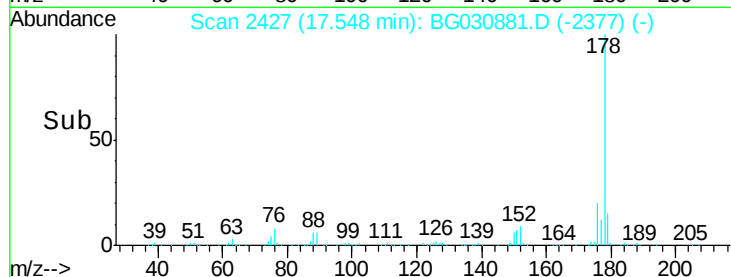
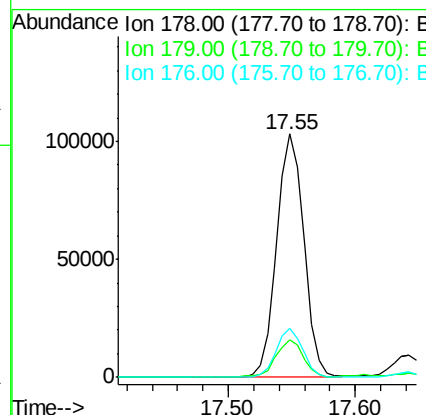
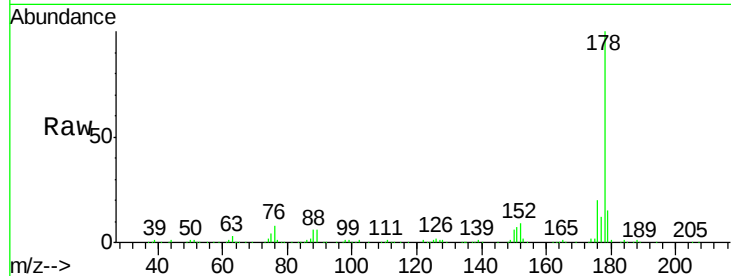
ClientSampleId :

B0F33

Tgt Ion:	178	Resp:	154157
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.0	19.6
176	20.0	15.3	22.9

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#74

Fluoranthene

Concen: 8.711 ng/ul

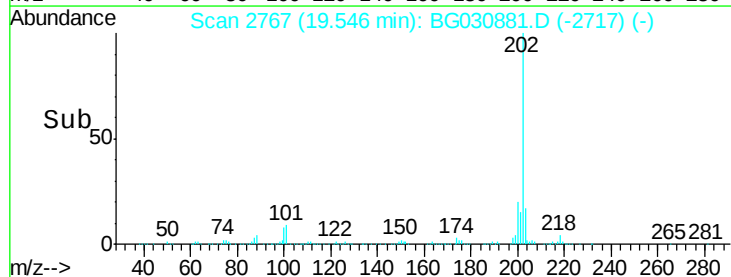
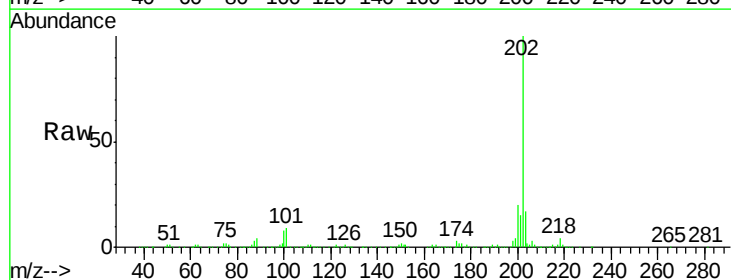
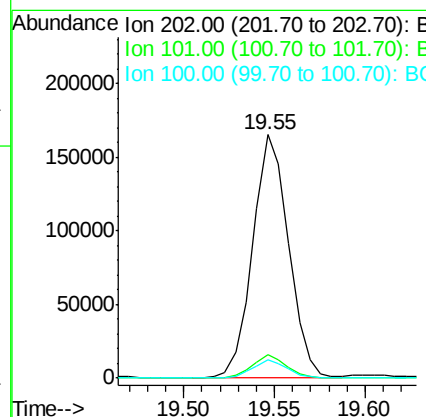
RT: 19.55 min Scan# 2767

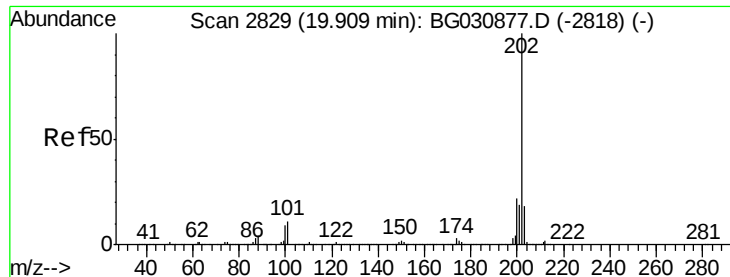
Delta R.T. -0.00 min

Lab File: BG030881.D

Acq: 9 Nov 2017 15:49

Tgt Ion:	202	Resp:	226624
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.4	11.2
100	7.7	5.6	8.4





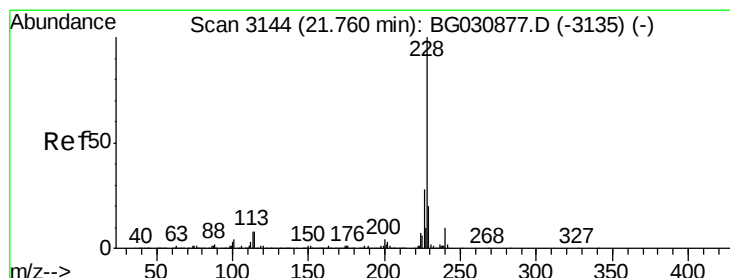
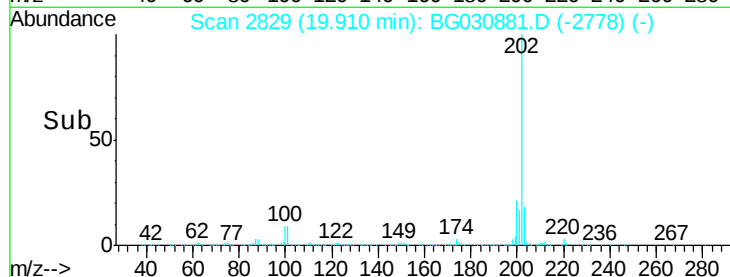
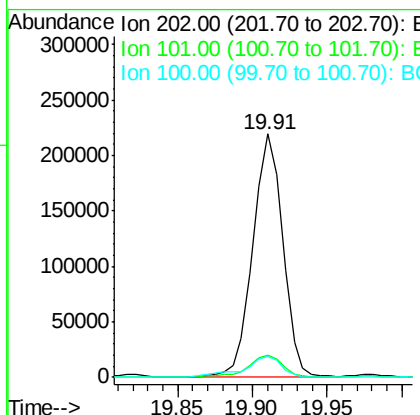
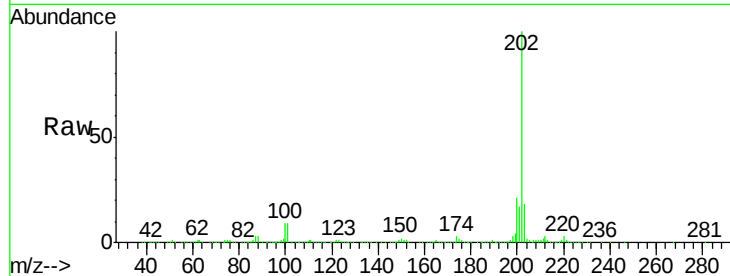
#77
 Pyrene
 Concen: 9.662 ng/ul
 RT: 19.91 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG030881.D
 Acq: 9 Nov 2017 15:49

Instrument :
 BNA_G
 ClientSampleId :
 B0F33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	8.4	12.6
100	8.6	7.0	10.6

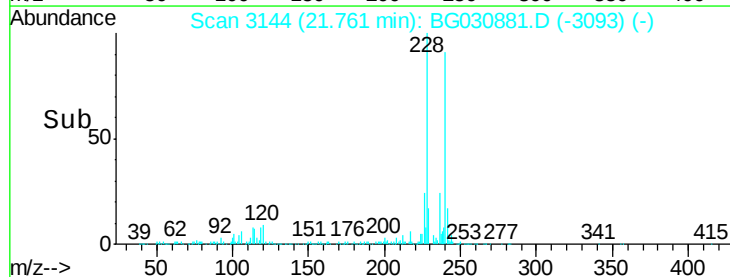
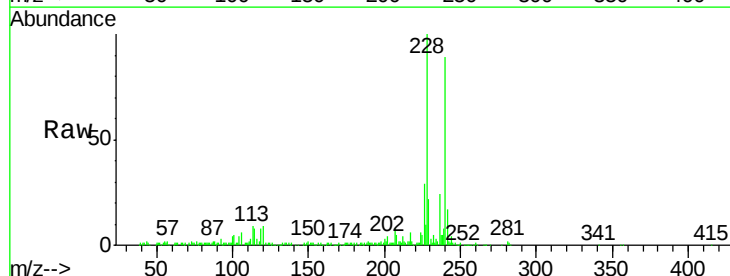
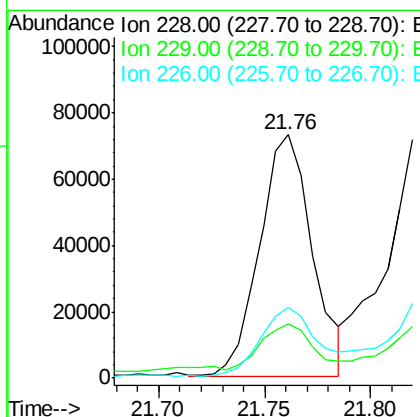
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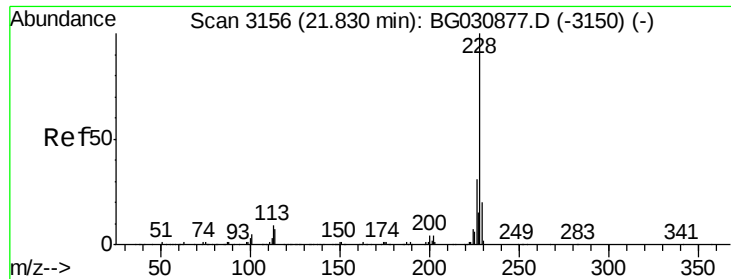
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#80
 Benzo(a)anthracene
 Concen: 4.330 ng/ul
 RT: 21.76 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG030881.D
 Acq: 9 Nov 2017 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.4	16.2	24.4
226	29.2	22.2	33.2





#82

Chrysene

Concen: 6.040 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030881.D

Acq: 9 Nov 2017 15:49

Instrument :

BNA_G

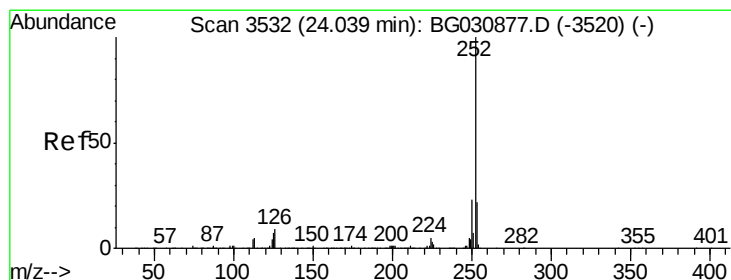
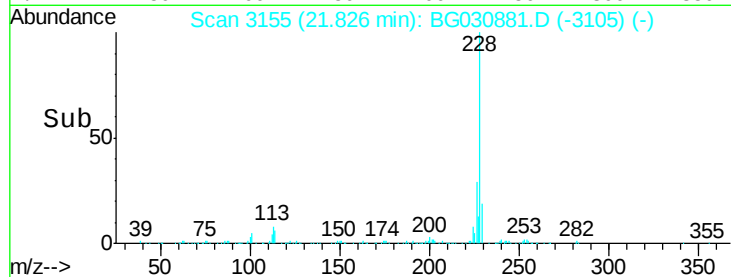
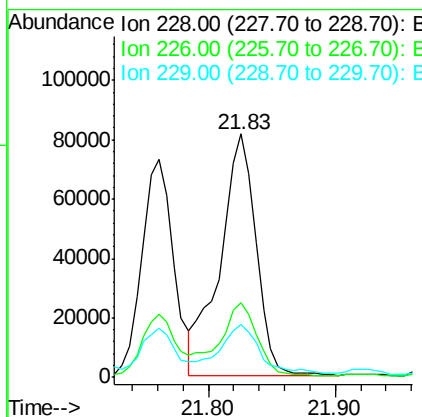
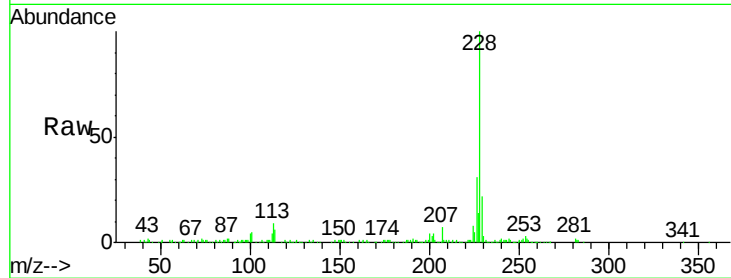
ClientSampled :

B0F33

Tgt Ion:	228	Resp:	160778
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	21.6	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 5.767 ng/ul

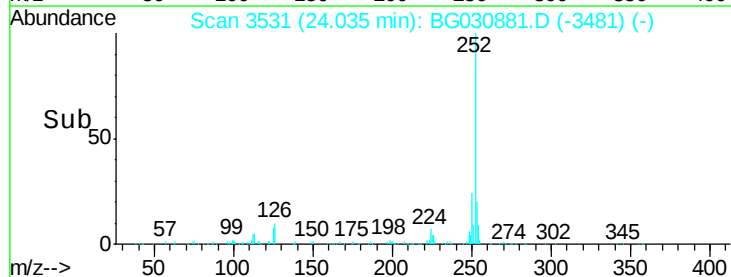
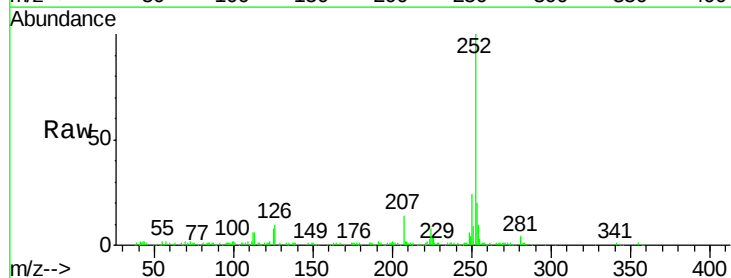
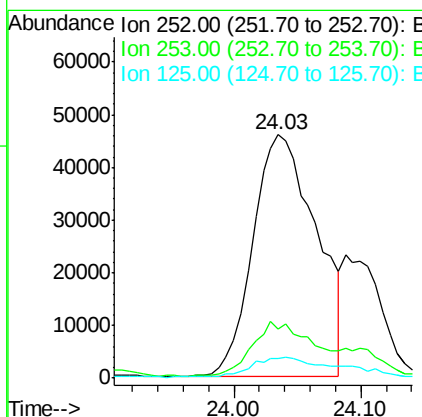
RT: 24.03 min Scan# 3531

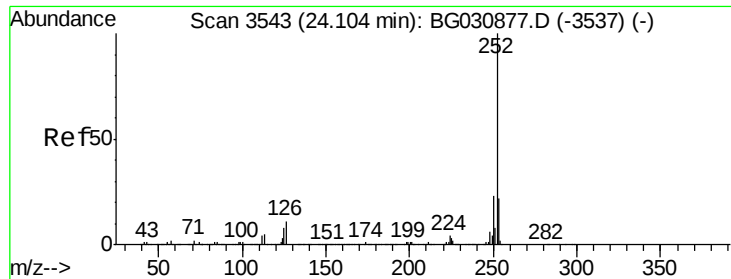
Delta R.T. -0.00 min

Lab File: BG030881.D

Acq: 9 Nov 2017 15:49

Tgt Ion:	252	Resp:	159433
Ion Ratio	Lower	Upper	
252	100		
253	20.2	17.0	25.4
125	8.2	7.5	11.3





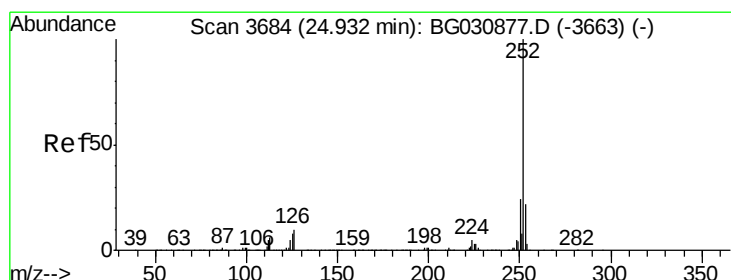
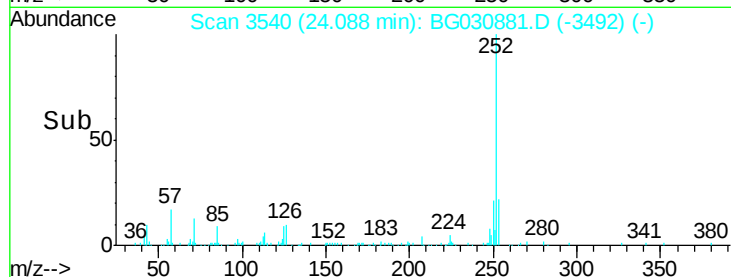
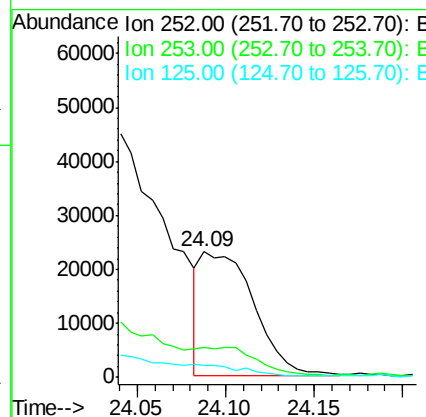
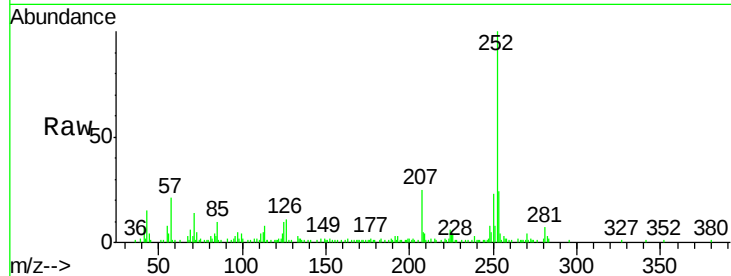
#86
Benzo(k)fluoranthene
Concen: 1.800 ng/ul m
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG030881.D
Acq: 9 Nov 2017 15:49

Instrument :
BNA_G
ClientSampled :
B0F33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	9.6	7.8	11.8

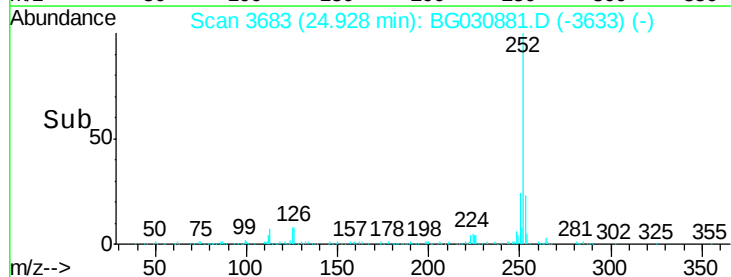
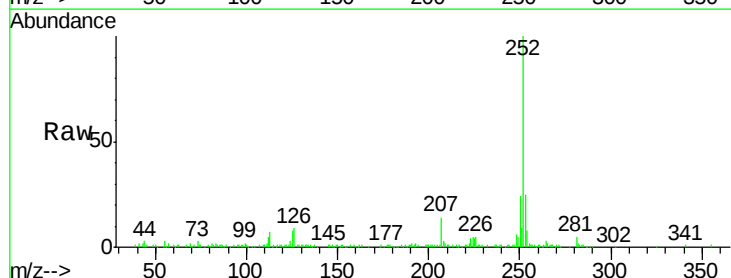
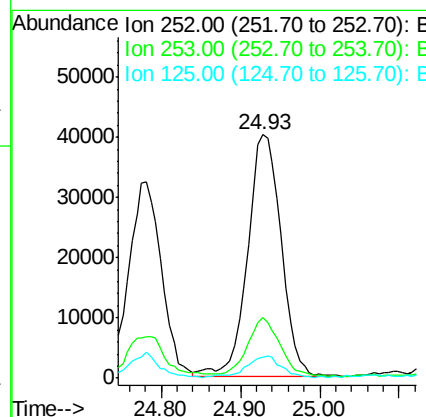
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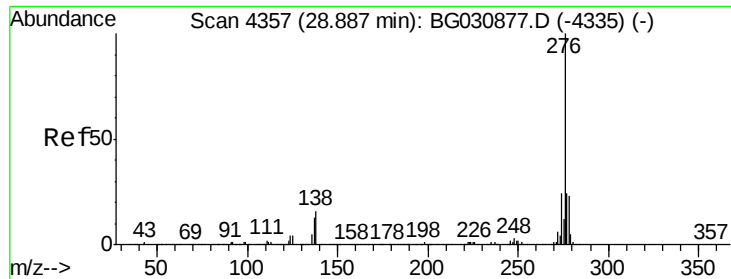
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#88
Benzo(a)pyrene
Concen: 4.439 ng/ul
RT: 24.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG030881.D
Acq: 9 Nov 2017 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	8.4	7.8	11.8





#89

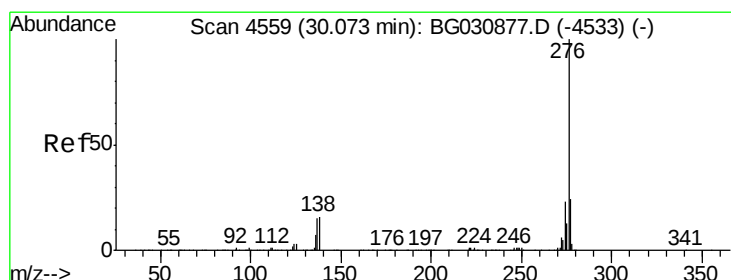
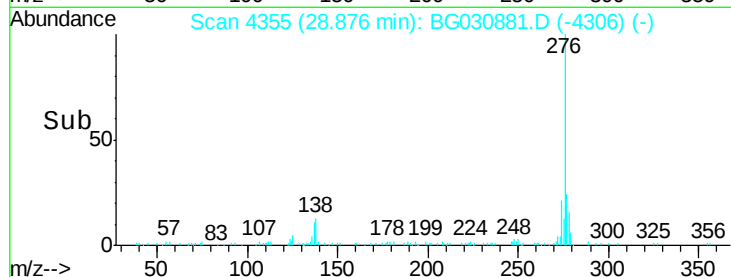
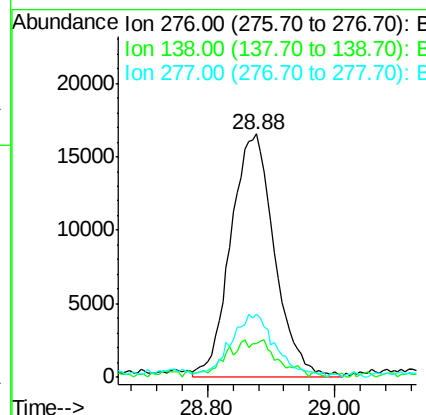
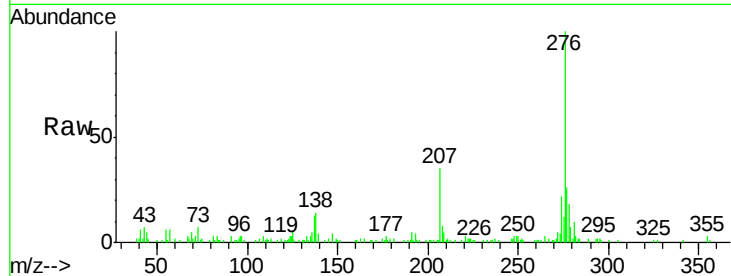
Indeno(1,2,3-cd)pyrene
Concen: 2.600 ng/ul
RT: 28.88 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG030881.D
Acq: 9 Nov 2017 15:49

Instrument :
BNA_G
ClientSampleId :
B0F33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	13.4	20.0
277	25.7	18.6	28.0

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#91

Benzo(g,h,i)perylene
Concen: 2.625 ng/ul m
RT: 30.06 min Scan# 4557
Delta R.T. -0.01 min
Lab File: BG030881.D
Acq: 9 Nov 2017 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.1	18.1
277	26.6	17.7	26.5#

