

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025142.D
 Acq On : 13 Dec 2016 9:12
 Operator : UM/SJ
 Sample : H5992-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS023-0106-03

Manual Integrations
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Quant Time: Dec 13 10:42:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 06:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	107499	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	464300	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	339750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	636084	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	694899	20.00	ng/ul	0.01
83) Perylene-d12	25.35	264	651823	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	10579	5.08	ng/uL	0.00
5) Phenol-d5	7.40	99	266870	28.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	173871	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	190236	29.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	209021	26.97	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	101072	30.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	117103	28.57	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	225146	28.56	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	155301	20.05	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	685291	29.32	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	796091	31.10	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	95368	23.74	ng/ul	0.02
57) Fluorene-d10	15.85	176	609752	27.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	79029	20.09	ng/ul	0.02
70) Anthracene-d10	17.71	188	853136	31.78	ng/ul	0.01
76) Pyrene-d10	19.98	212	905084	31.62	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.11	264	857874	32.48	ng/ul	0.04

Target Compounds

						Ovalue
6) Phenol	7.42	94	41177	4.33	ng/ul	96
44) Dimethylphthalate	14.31	163	77217	3.36	ng/ul#	95
69) Phenanthrene	17.66	178	51970	1.71	ng/ul#	96
74) Fluoranthene	19.65	202	132574	3.67	ng/ul#	94
77) Pyrene	20.01	202	112935	3.38	ng/ul	97
78) Butylbenzylphthalate	20.87	149	126375	9.66	ng/ul	98
80) Benzo(a)anthracene	21.89	228	87430	2.42	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.74	149	60695	3.37	ng/ul#	97
82) Chrysene	21.96	228	95571m	2.83	ng/ul	
85) Benzo(b)fluoranthene	24.25	252	135549	4.19	ng/ul#	89
86) Benzo(k)fluoranthene	24.31	252	54561m	1.78	ng/ul	
88) Benzo(a)pyrene	25.18	252	75157	2.42	ng/ul#	81

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

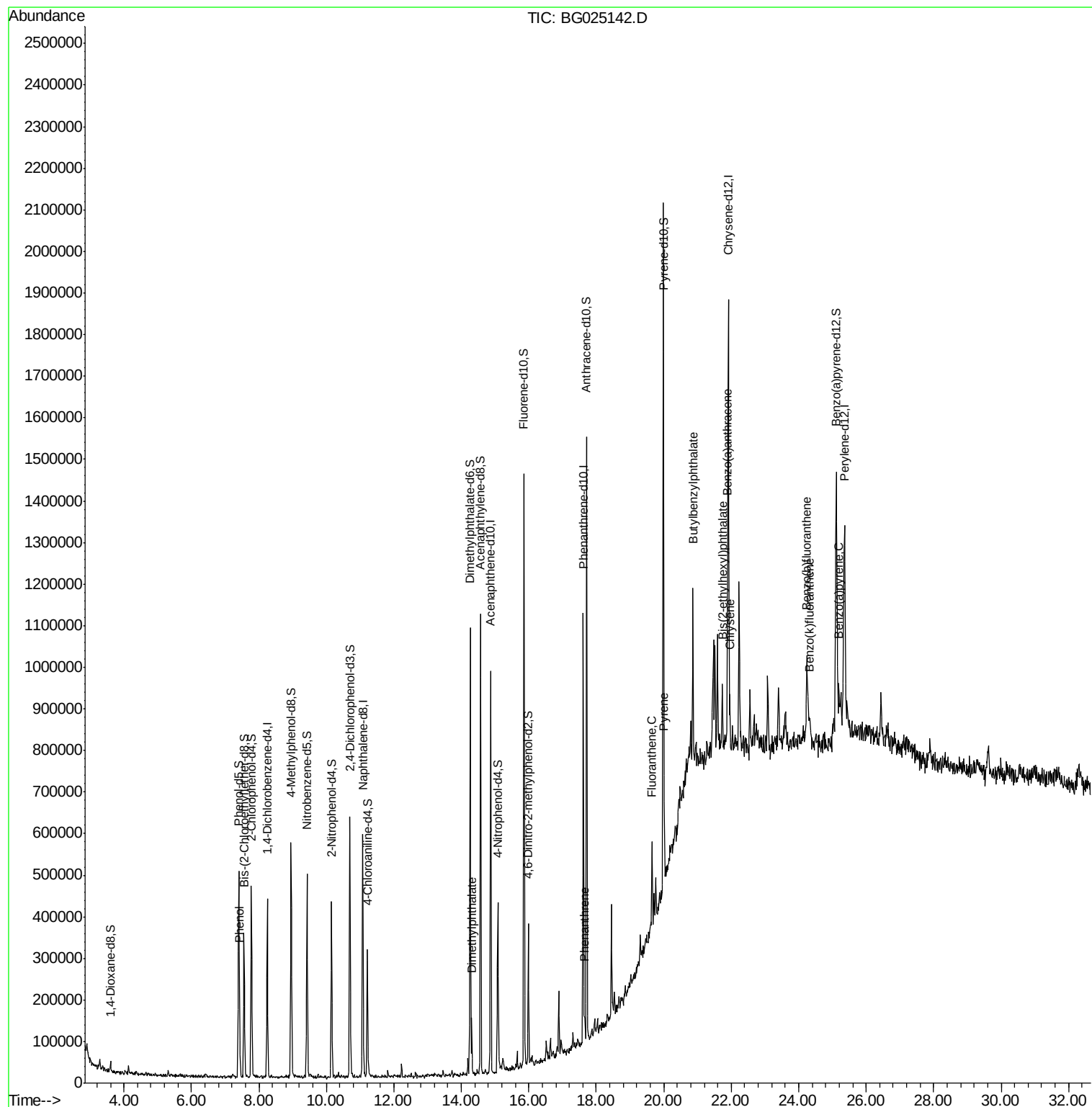
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025142.D
Acq On : 13 Dec 2016 9:12
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ALS Vial : 25 Sample Multiplier: 1

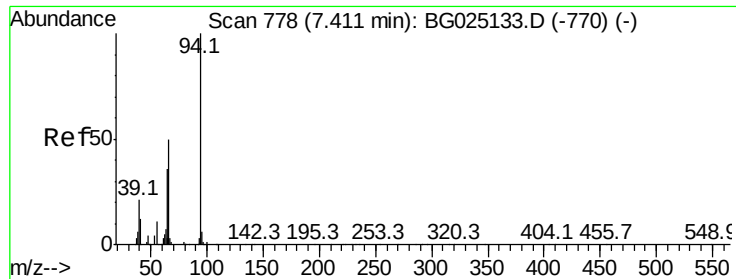
Instrument :
BNA_G
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P006-SS023-0106-03

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.33 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Instrument :

BNA_G

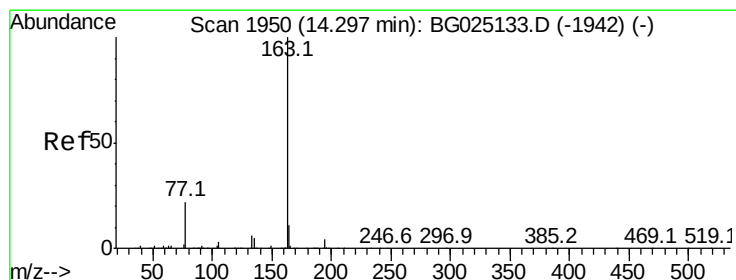
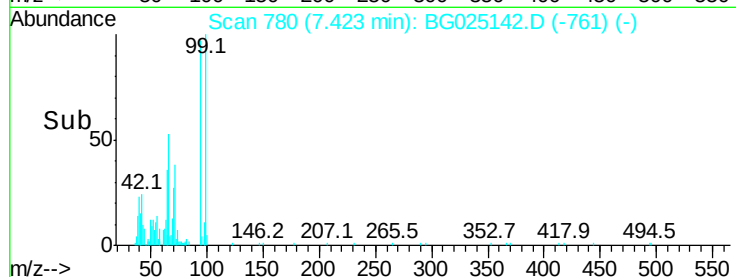
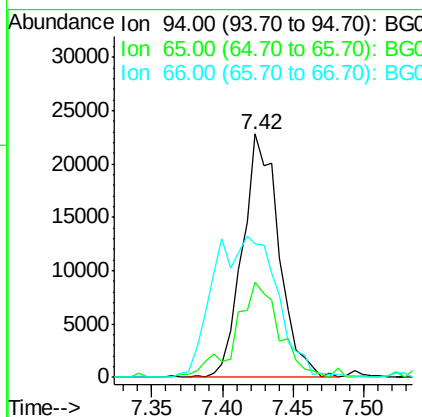
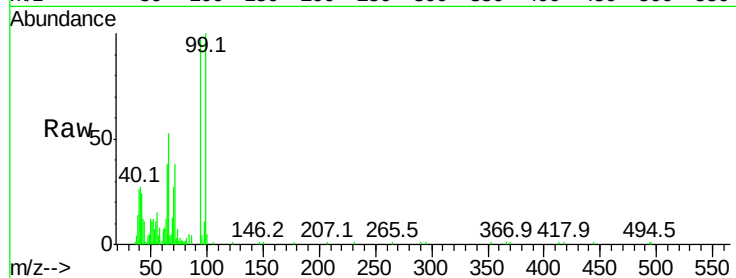
ClientSampleId :

P006-SS023-0106-03

Tot Ion:	94	Resp:	41177
Ion Ratio	Lower	Upper	
94	100		
65	38.9	26.8	40.2
66	55.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 3.36 ng/ul

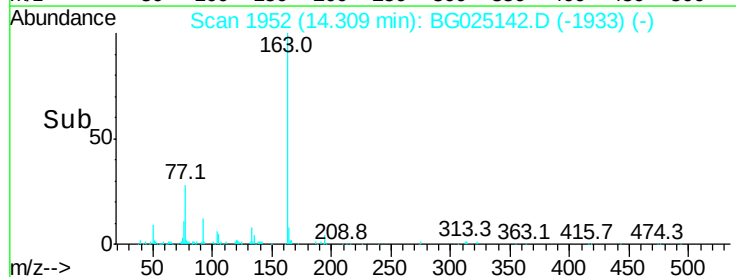
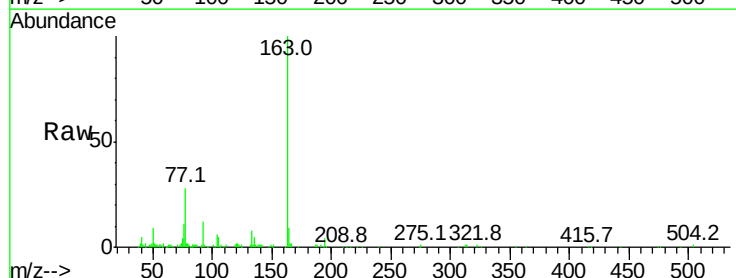
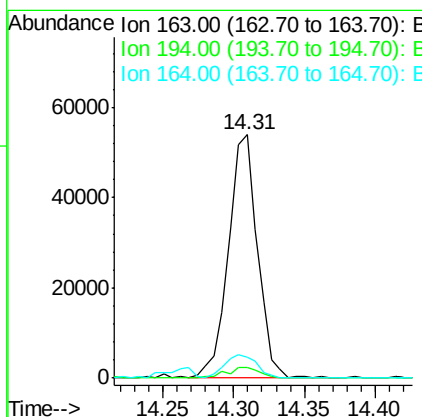
RT: 14.31 min Scan# 1952

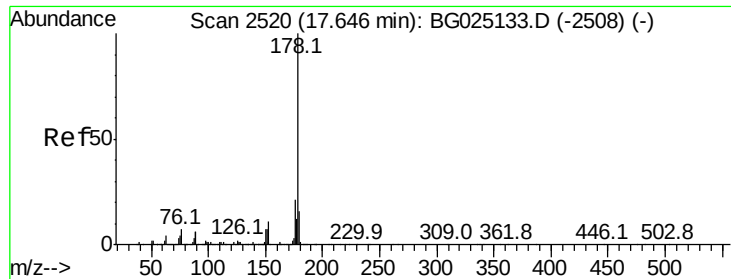
Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Tgt Ion:	163	Resp:	77217
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	8.7	9.0	13.4#





#69

Phenanthrene

Concen: 1.71 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Instrument :

BNA_G

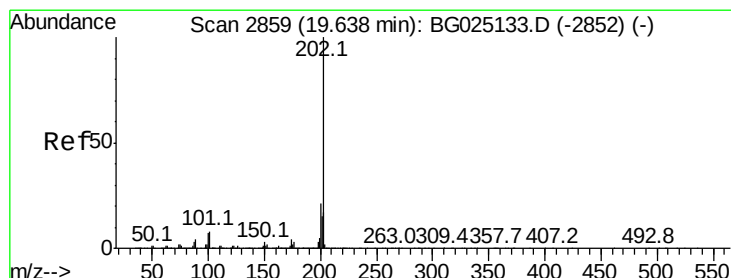
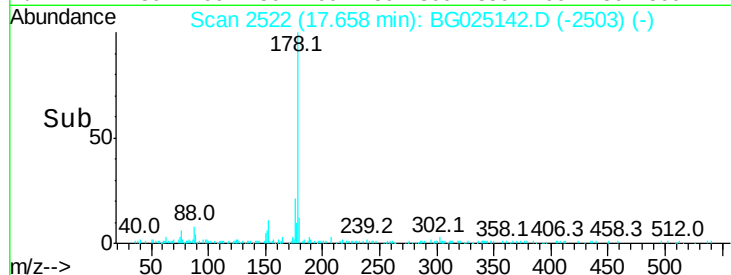
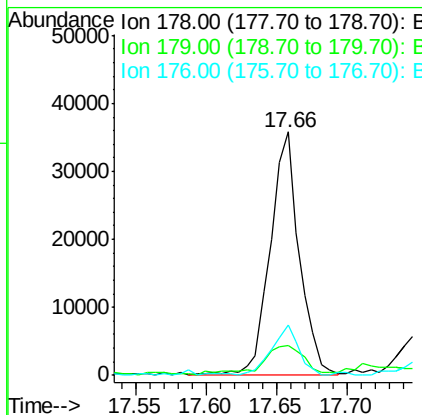
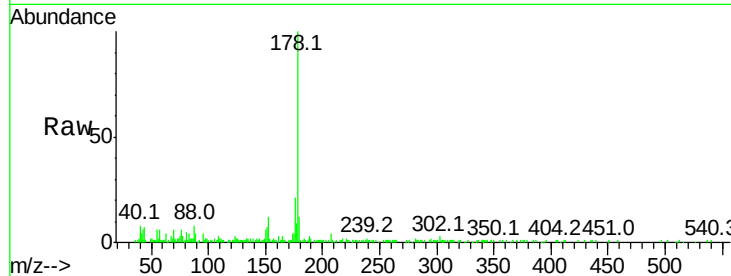
ClientSampleId :

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Tot Ion:178	Resp:	51970
Ion Ratio	Lower	Upper
178	100	
179	12.1	12.4 18.6#
176	20.8	16.5 24.7

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#74

Fluoranthene

Concen: 3.67 ng/ul

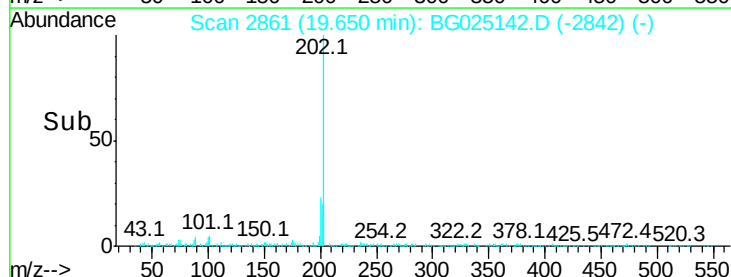
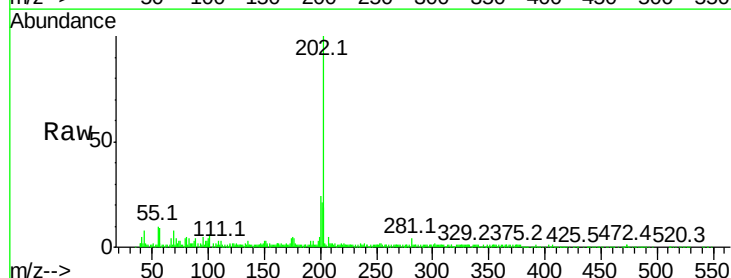
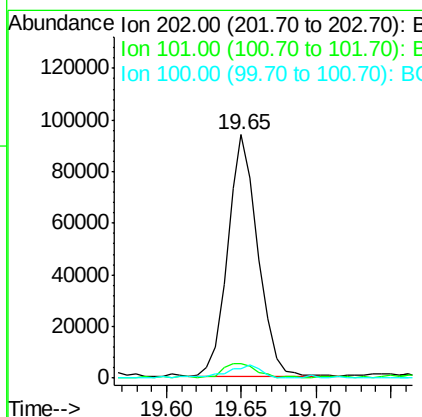
RT: 19.65 min Scan# 2861

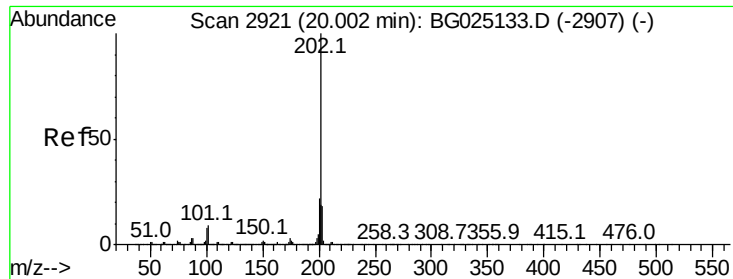
Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Tgt Ion:202	Resp:	132574
Ion Ratio	Lower	Upper
202	100	
101	5.9	6.2 9.2#
100	4.0	5.2 7.8#





#77

Pvrene

Concen: 3.38 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Instrument :

BNA_G

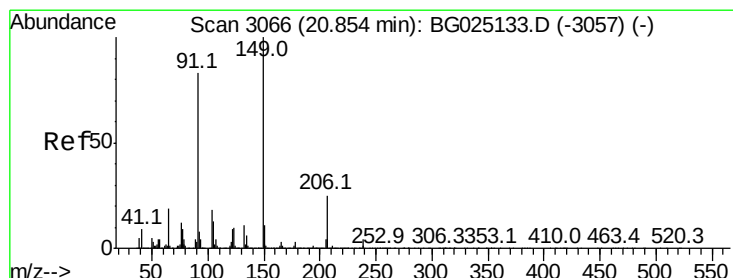
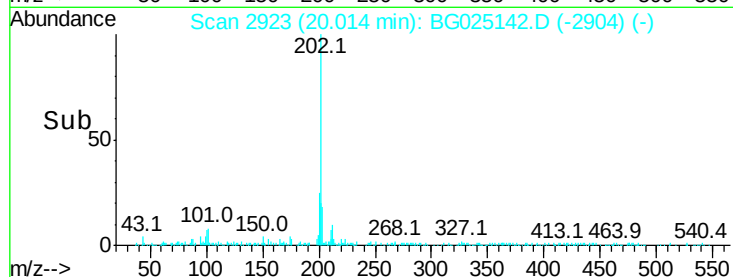
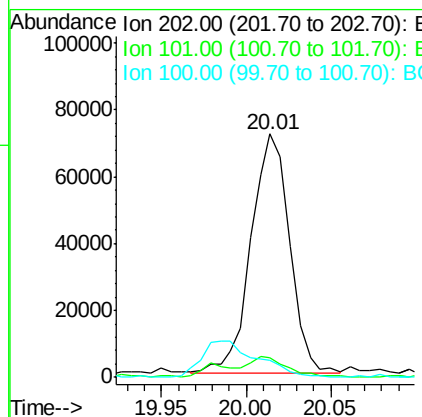
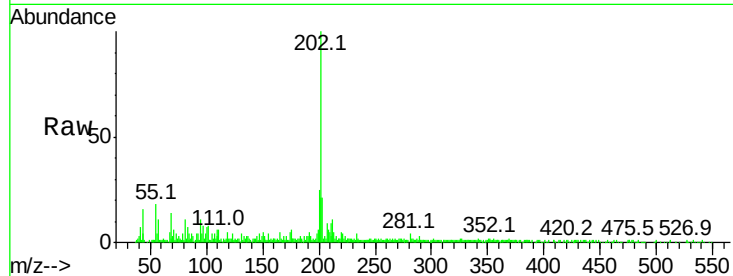
ClientSampleId :

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Tot Ion:	202	Resp:	112935
Ion Ratio		Lower	Upper
202	100		
101	8.2	6.9	10.3
100	6.8	6.6	10.0

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#78

Butylbenzylphthalate

Concen: 9.66 ng/ul

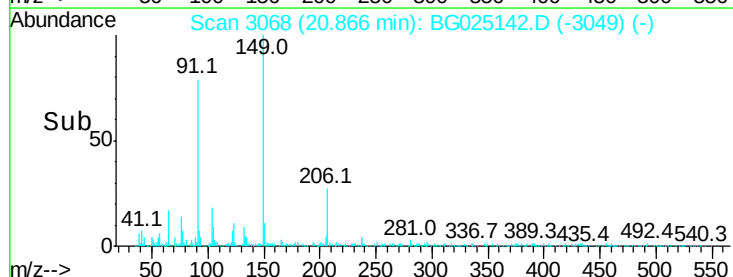
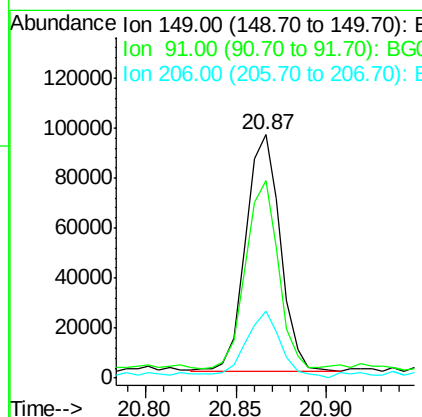
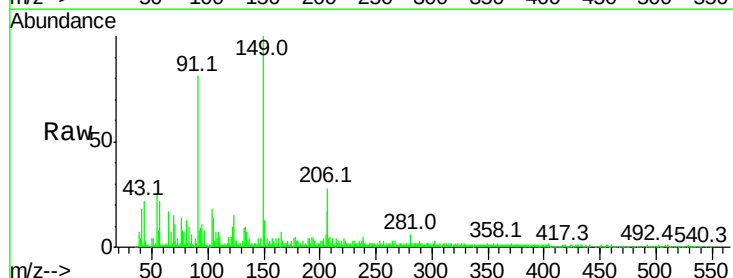
RT: 20.87 min Scan# 3068

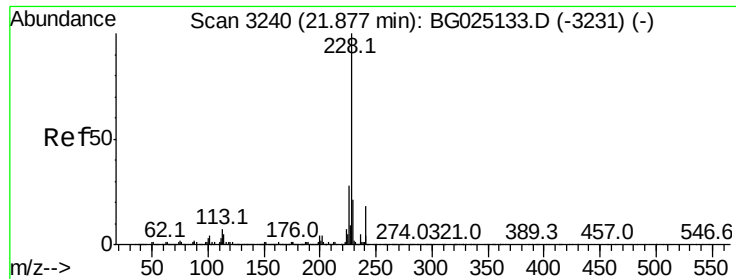
Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Tgt Ion:	149	Resp:	126375
Ion Ratio		Lower	Upper
149	100		
91	81.0	65.8	98.6
206	27.7	20.1	30.1





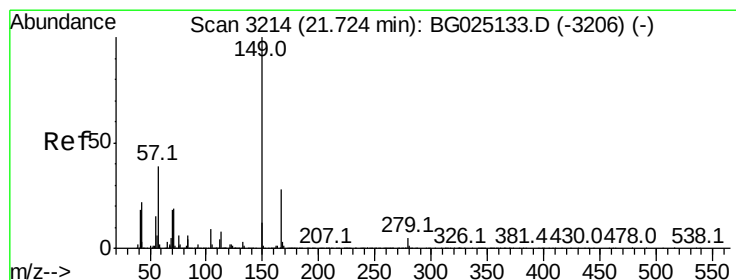
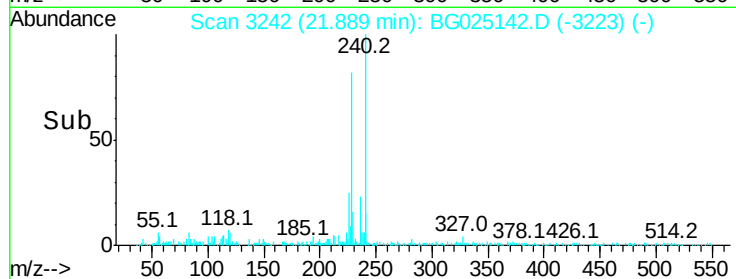
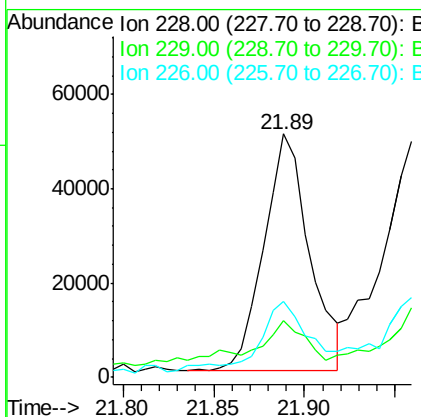
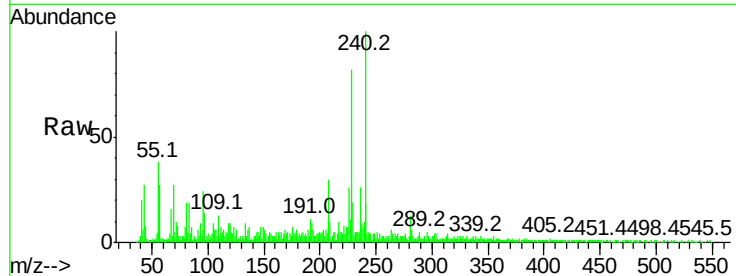
#80
Benzo(a)anthracene
Concen: 2.42 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG025142.D
Acq: 13 Dec 2016 9:12

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.3	24.5
226	31.3	21.9	32.9

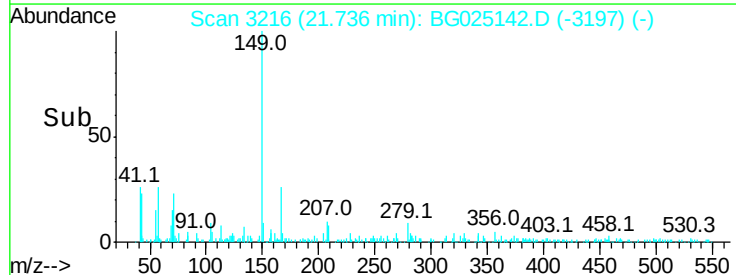
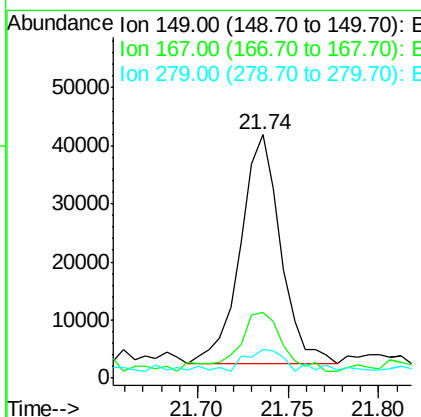
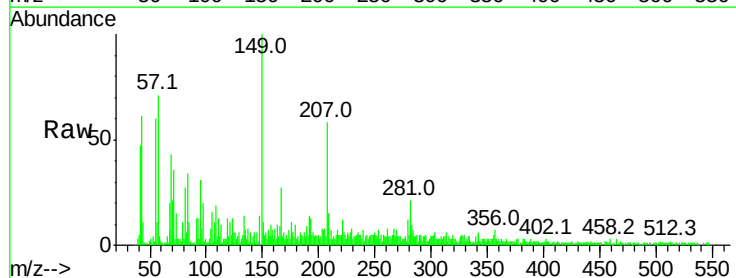
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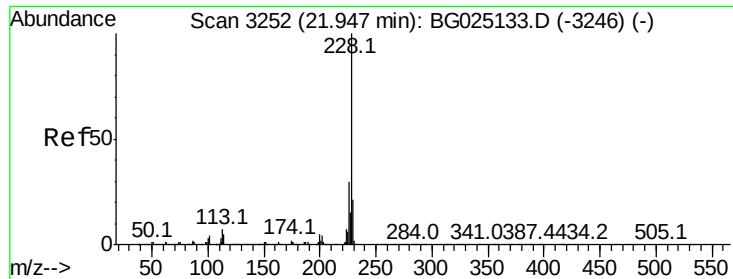
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.37 ng/ul
RT: 21.74 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BG025142.D
Acq: 13 Dec 2016 9:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	11.7	4.5	6.7#





#82

Chrysene

Concen: 2.83 ng/ul m

RT: 21.96 min Scan# 3254

Delta R.T. 0.01 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Instrument :

BNA_G

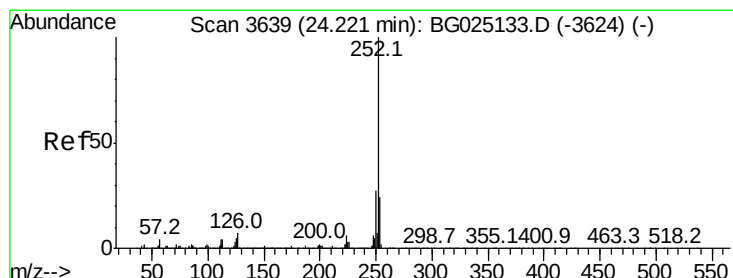
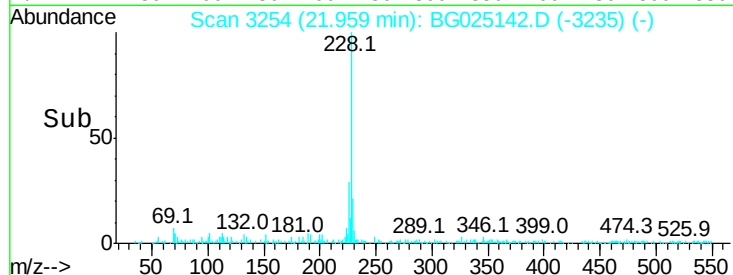
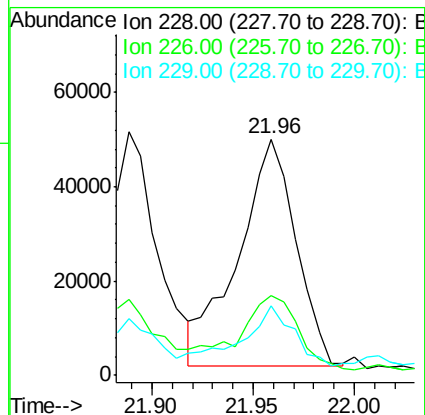
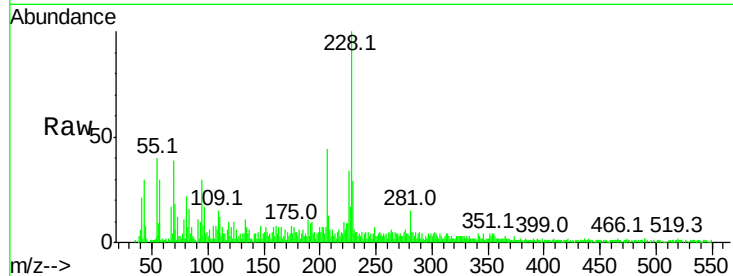
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	33.7	24.0	36.0	
229	29.2	16.9	25.3	

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#85

Benzo(b)fluoranthene

Concen: 4.19 ng/ul

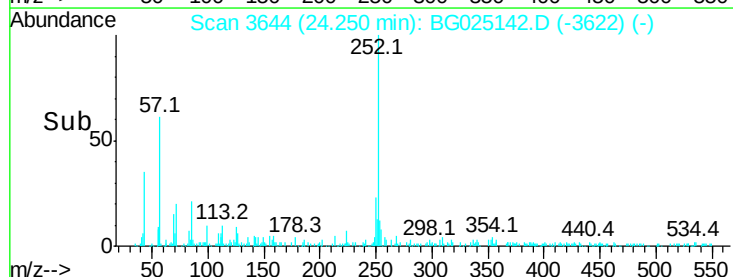
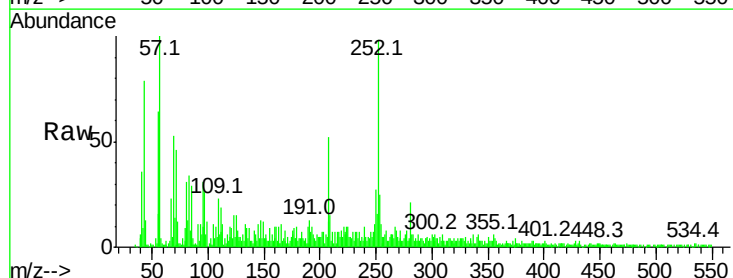
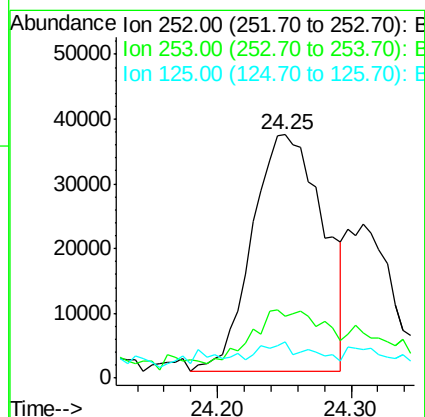
RT: 24.25 min Scan# 3644

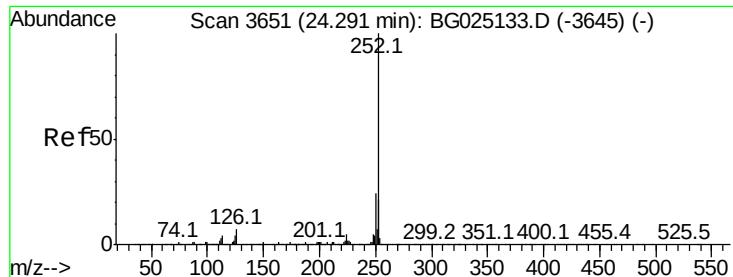
Delta R.T. 0.03 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.4	17.7	26.5	
125	15.0	4.0	6.0	





#86

Benzo(k)fluoranthene

Concen: 1.78 ng/ul m

RT: 24.31 min Scan# 3654

Delta R.T. 0.02 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Instrument :

BNA_G

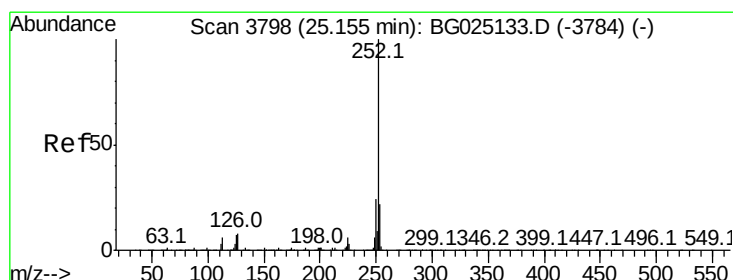
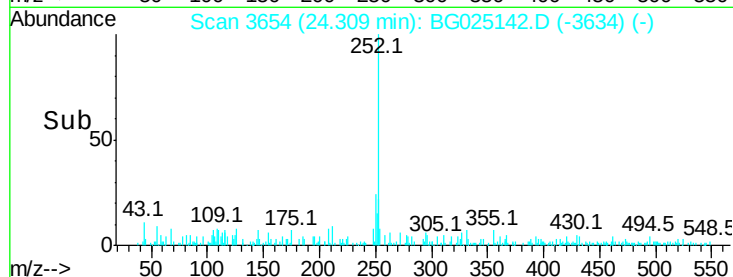
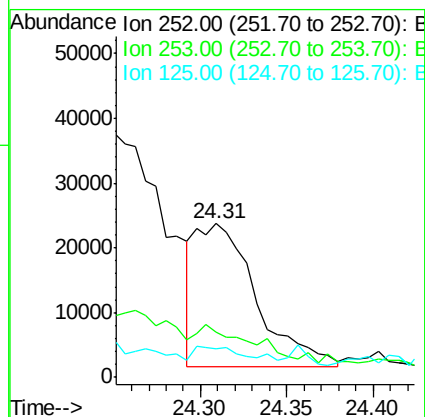
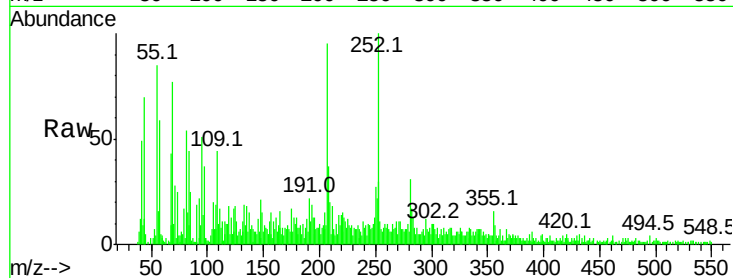
ClientSampleId :

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Tot Ion:	252	Resp:	54561
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.5	27.7#
125	18.3	4.1	6.1#

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#88

Benzo(a)pyrene

Concen: 2.42 ng/ul

RT: 25.18 min Scan# 3802

Delta R.T. 0.02 min

Lab File: BG025142.D

Acq: 13 Dec 2016 9:12

Tgt Ion:	252	Resp:	75157
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.8	26.6#
125	14.9	5.4	8.0#

