

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028307.D
 Acq On : 12 Aug 2017 2:52
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

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Quant Time: Aug 14 15:34:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	50718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	238514	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	162090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	355655m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	382089	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	382718	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3483	3.20	ng/uL	0.00
5) Phenol-d5	7.51	99	108938	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	64546	18.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	76534	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	93532	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	39642	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	48053	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	96191	22.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	65183	13.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	305983	21.22	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	353203	21.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	42518	18.55	ng/ul	0.00
57) Fluorene-d10	15.95	176	261070	20.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	51578	22.32	ng/ul	0.00
70) Anthracene-d10	17.81	188	395540	23.19	ng/ul	0.00
76) Pyrene-d10	20.09	212	436647	22.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	403376	22.51	ng/ul	0.00
Target Compounds						
6) Phenol	7.54	94	14994	2.709	ng/ul#	91
34) 2-Methylnaphthalene	12.81	142	9489	1.000	ng/ul	99
44) Dimethylphthalate	14.40	163	142043	10.701	ng/ul	98
58) Fluorene	16.01	166	15629	1.155	ng/ul#	91
69) Phenanthrene	17.75	178	47635	2.661	ng/ul	97
74) Fluoranthene	19.75	202	64774m	2.978	ng/ul	
77) Pyrene	20.11	202	76893	3.373	ng/ul#	94
80) Benzo(a)anthracene	22.02	228	35365	1.602	ng/ul#	95
82) Chrysene	22.09	228	34150m	1.718	ng/ul	
88) Benzo(a)pyrene	25.39	252	27709	1.250	ng/ul#	89

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

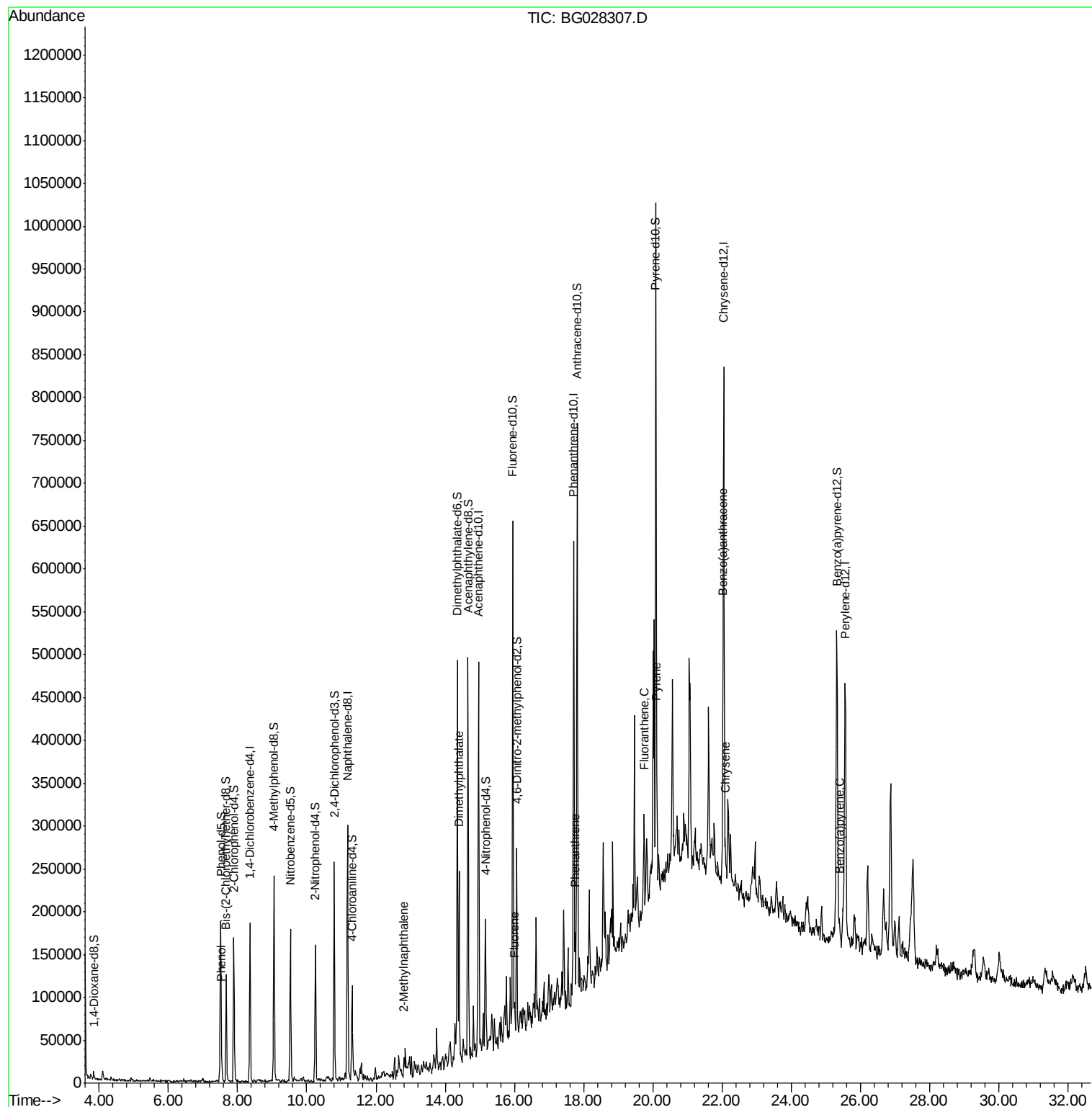
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ALS Vial : 15 Sample Multiplier: 1

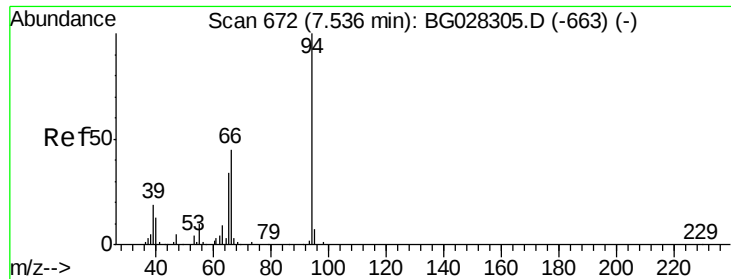
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 14 15:34:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.709 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Instrument :

BNA_G

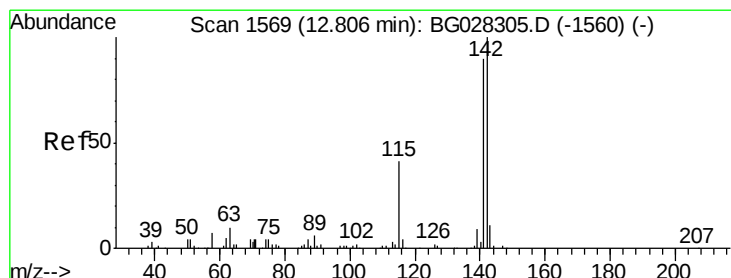
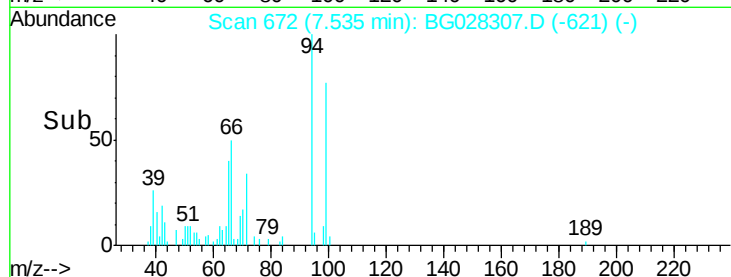
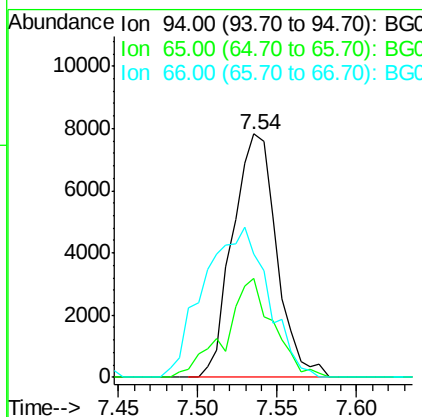
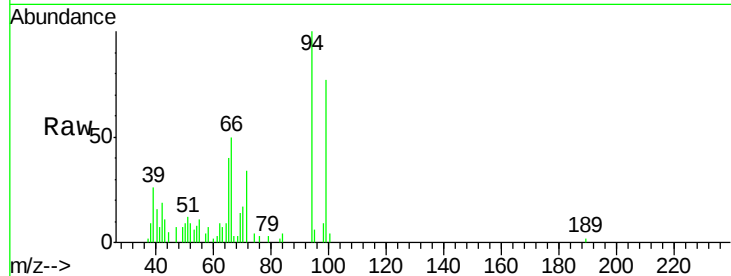
ClientSampled :

C0AC6

Tgt Ion:	94	Resp:	14994
Ion Ratio	Lower	Upper	
94	100		
65	40.5	26.8	40.2#
66	50.5	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.000 ng/ul

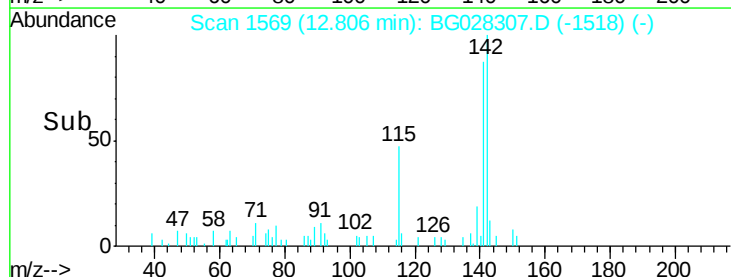
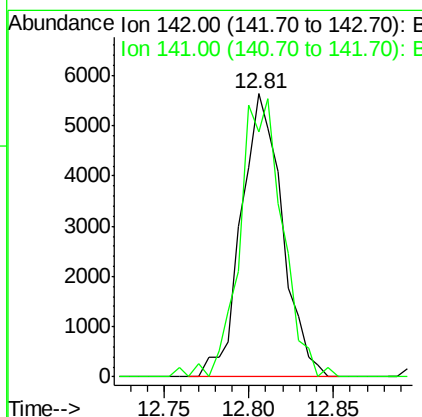
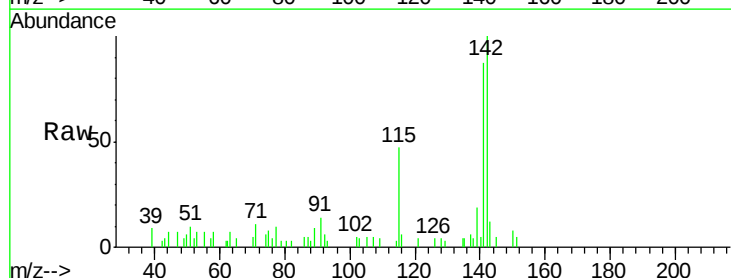
RT: 12.81 min Scan# 1569

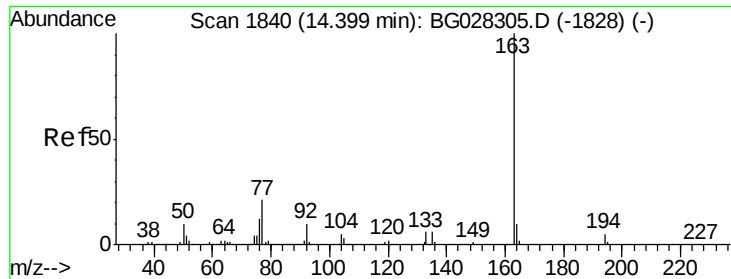
Delta R.T. -0.00 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Tgt Ion:	142	Resp:	9489
Ion Ratio	Lower	Upper	
142	100		
141	86.5	68.6	102.8





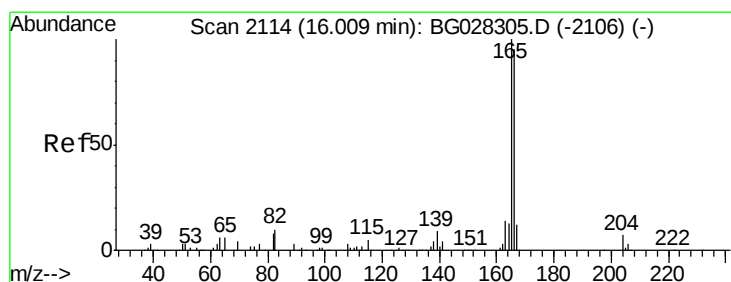
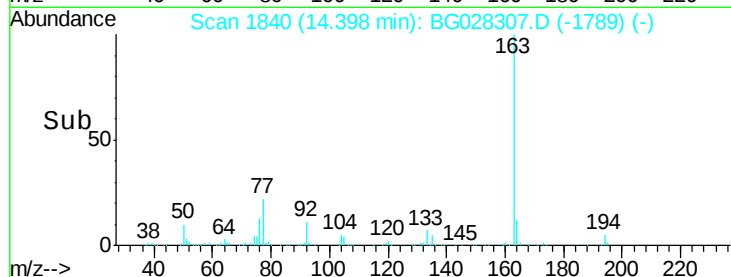
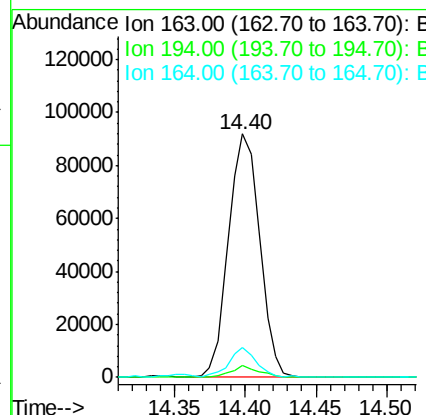
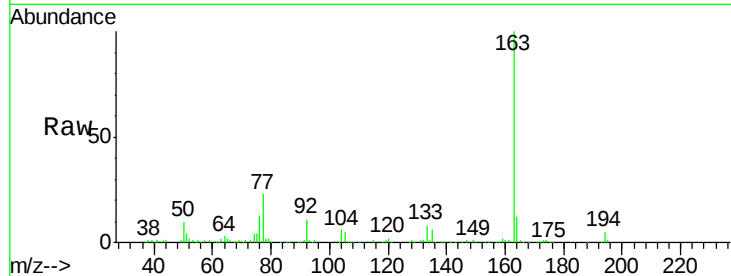
#44
Dimethylphthalate
Concen: 10.701 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028307.D
Acq: 12 Aug 2017 2:52

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.9	3.4	5.0
164	12.0	9.0	13.4

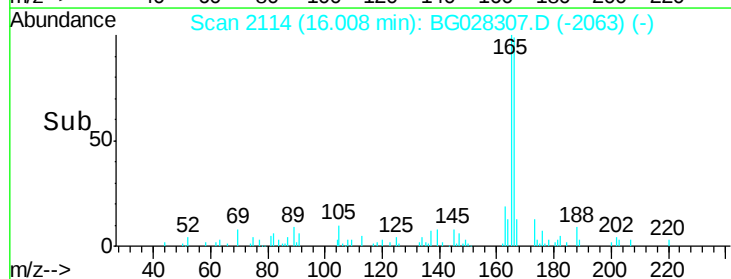
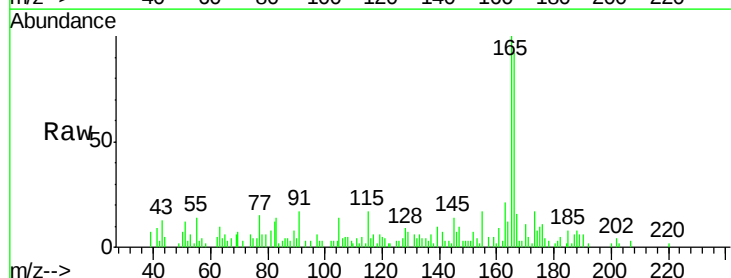
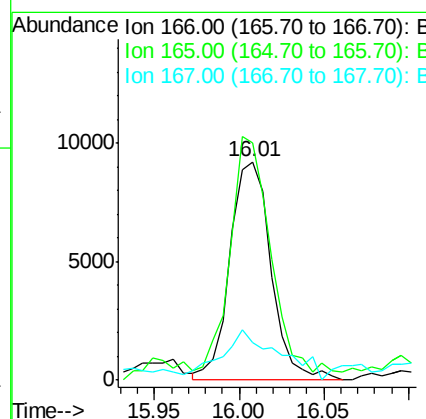
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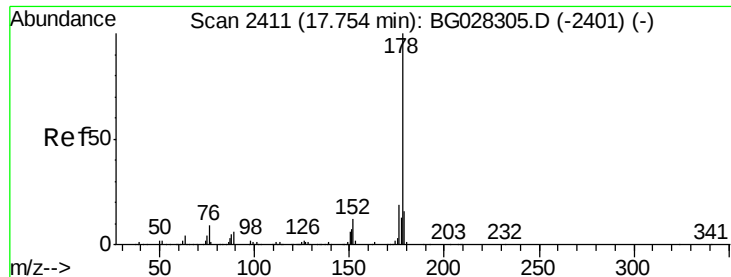
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#58
Fluorene
Concen: 1.155 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG028307.D
Acq: 12 Aug 2017 2:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	108.6	79.7	119.5
167	17.5	11.4	17.2





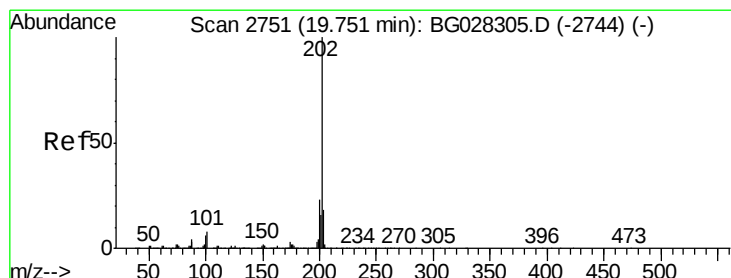
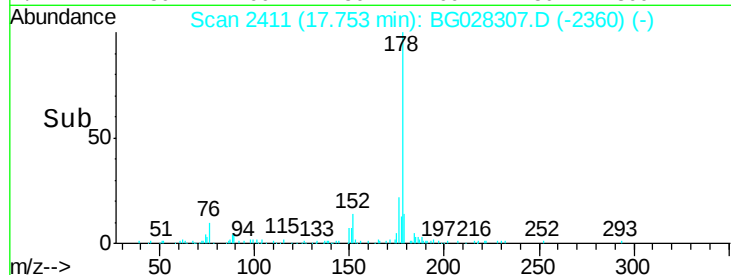
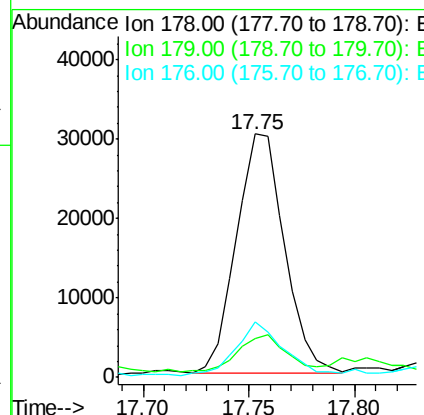
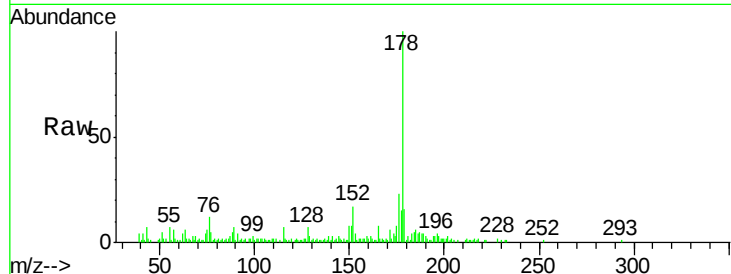
#69
 Phenanthrene
 Concen: 2.661 ng/ul
 RT: 17.75 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG028307.D
 Acq: 12 Aug 2017 2:52

Instrument :
 BNA_G
 ClientSampleId :
 C0AC6

Tgt Ion:	178	Resp:	47635
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	22.7	16.5	24.7

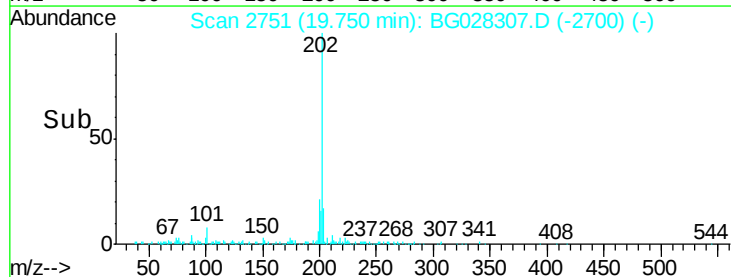
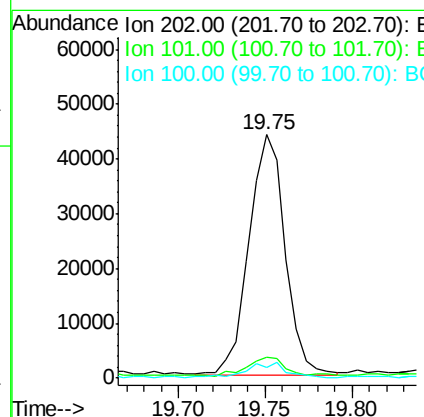
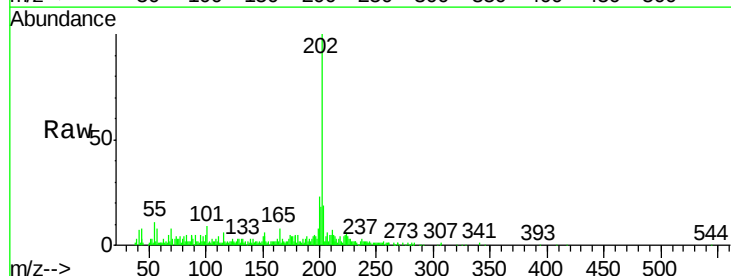
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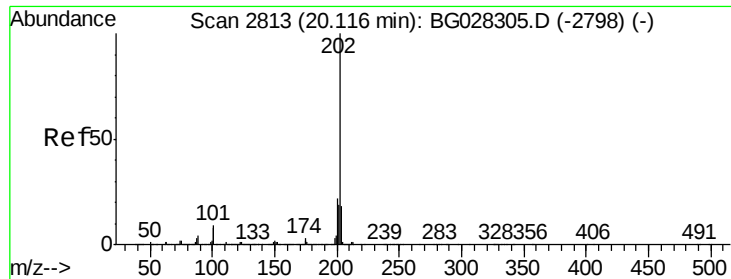
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#74
 Fluoranthene
 Concen: 2.978 ng/ul m
 RT: 19.75 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BG028307.D
 Acq: 12 Aug 2017 2:52

Tgt Ion:	202	Resp:	64774
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.2	9.2
100	4.5	5.2	7.8#





#77

Pyrene

Concen: 3.373 ng/ul

RT: 20.11 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Instrument :

BNA_G

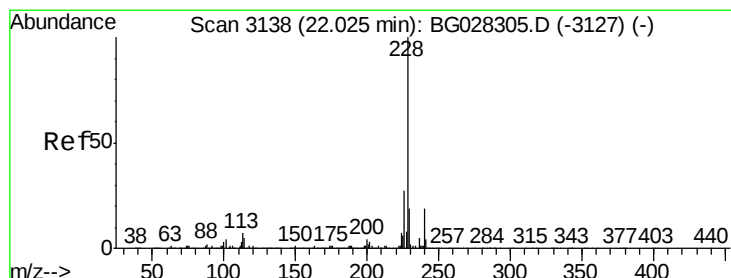
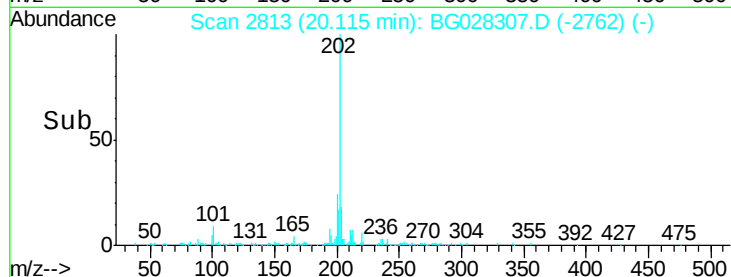
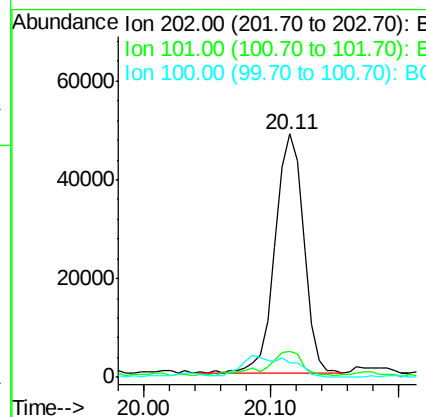
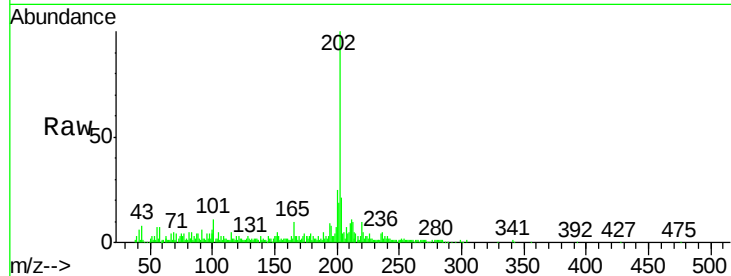
ClientSampleId :

C0AC6

Tgt Ion:	202	Resp:	76893
Ion Ratio	Lower	Upper	
202	100		
101	10.6	6.9	10.3#
100	5.7	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 1.602 ng/ul

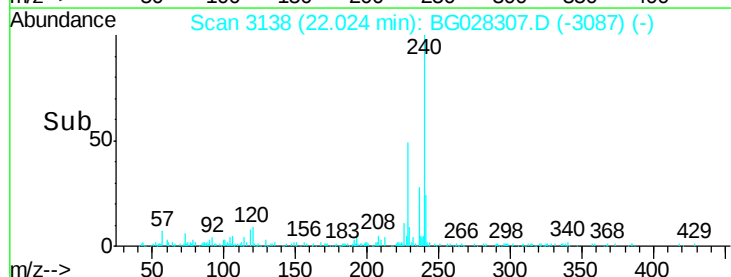
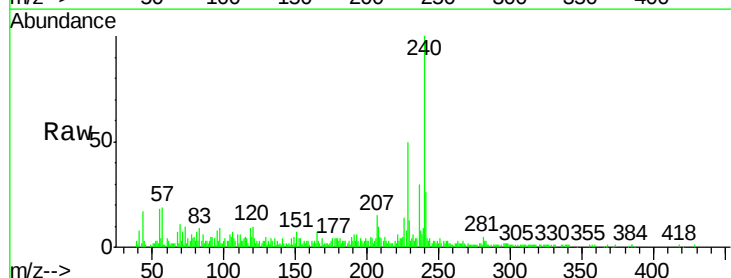
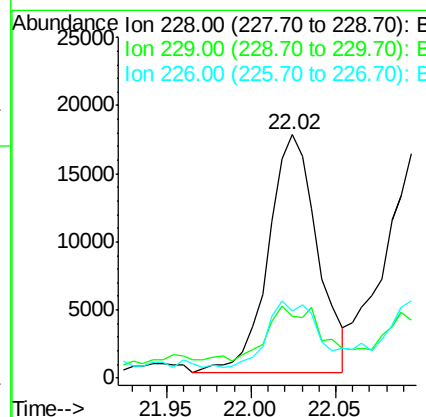
RT: 22.02 min Scan# 3138

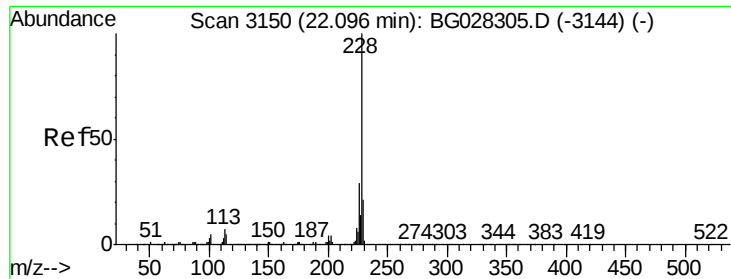
Delta R.T. -0.00 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Tgt Ion:	228	Resp:	35365
Ion Ratio	Lower	Upper	
228	100		
229	25.2	16.3	24.5#
226	27.6	21.9	32.9





#82

Chrysene

Concen: 1.718 ng/ul m

RT: 22.09 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Instrument :

BNA_G

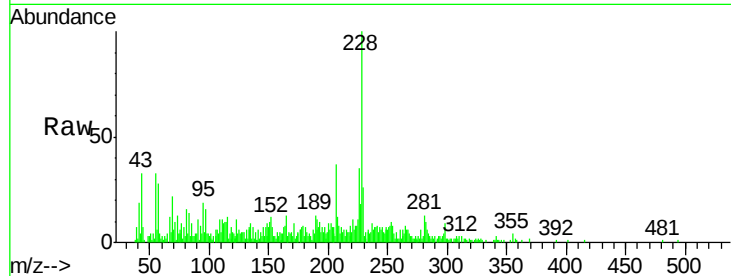
ClientSampled :

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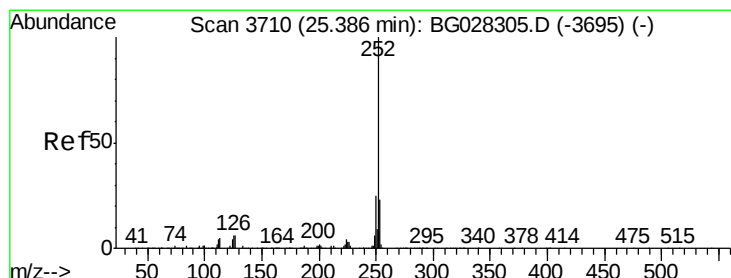
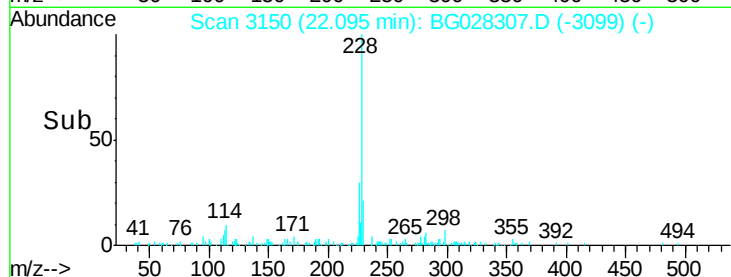
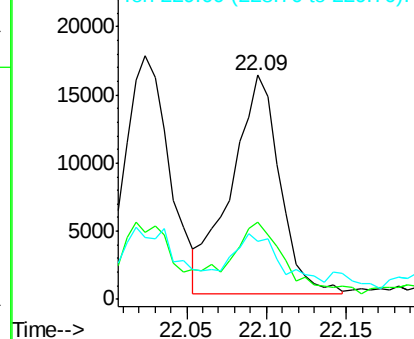
Tgt Ion:	228	Resp:	34150
Ion Ratio	Lower	Upper	
228	100		
226	34.6	24.0	36.0
229	25.7	16.9	25.3#

Manual Integrations
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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



#88

Benzo(a)pyrene

Concen: 1.250 ng/ul

RT: 25.39 min Scan# 3711

Delta R.T. 0.01 min

Lab File: BG028307.D

Acq: 12 Aug 2017 2:52

Tgt Ion:	252	Resp:	27709
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.8	26.6
125	12.3	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

