

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026939.D
 Acq On : 10 May 2017 15:37
 Operator : SJ/MA
 Sample : I2960-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC41

Manual Integrations
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mohammad
 5/11/2017 4:53:28 PM

Quant Time: May 10 17:44:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 17:27:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	797958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	434557	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	808916	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	717128	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	733028	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	14394	4.04	ng/uL	0.00
5) Phenol-d5	7.18	99	356557	24.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	214644	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	292221	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	304287	25.60	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	155751	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	170943	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	274459	23.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	303015	19.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	841160	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1117222	25.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	128026	20.31	ng/ul	0.00
57) Fluorene-d10	15.60	176	715459	23.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	68264	13.90	ng/ul	0.00
70) Anthracene-d10	17.45	188	993132	25.30	ng/ul	0.00
76) Pyrene-d10	19.73	212	943460	24.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	879773	25.38	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.21	94	35055	2.42	ng/ul#	80
44) Dimethylphthalate	14.06	163	306571	8.95	ng/ul	99
58) Fluorene	15.66	166	37149	1.10	ng/ul	95
69) Phenanthrene	17.40	178	594341	13.04	ng/ul	99
71) Anthracene	17.48	178	129744	2.78	ng/ul	100
72) Carbazole	17.76	167	56730	1.44	ng/ul	99
74) Fluoranthene	19.40	202	1120548	26.49	ng/ul#	79
77) Pyrene	19.76	202	903705	18.78	ng/ul#	76
80) Benzo(a)anthracene	21.58	228	470326	11.21	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	3254749m	102.07	ng/ul	
82) Chrysene	21.64	228	453151	11.63	ng/ul	97
85) Benzo(b)fluoranthene	23.76	252	604526	14.43	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	194387	4.72	ng/ul#	90
88) Benzo(a)pyrene	24.62	252	421031	10.21	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	28.36	276	255912	5.24	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.39	278	59139	1.43	ng/ul#	88
91) Benzo(g,h,i)perylene	29.49	276	220186	5.43	ng/ul#	77

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

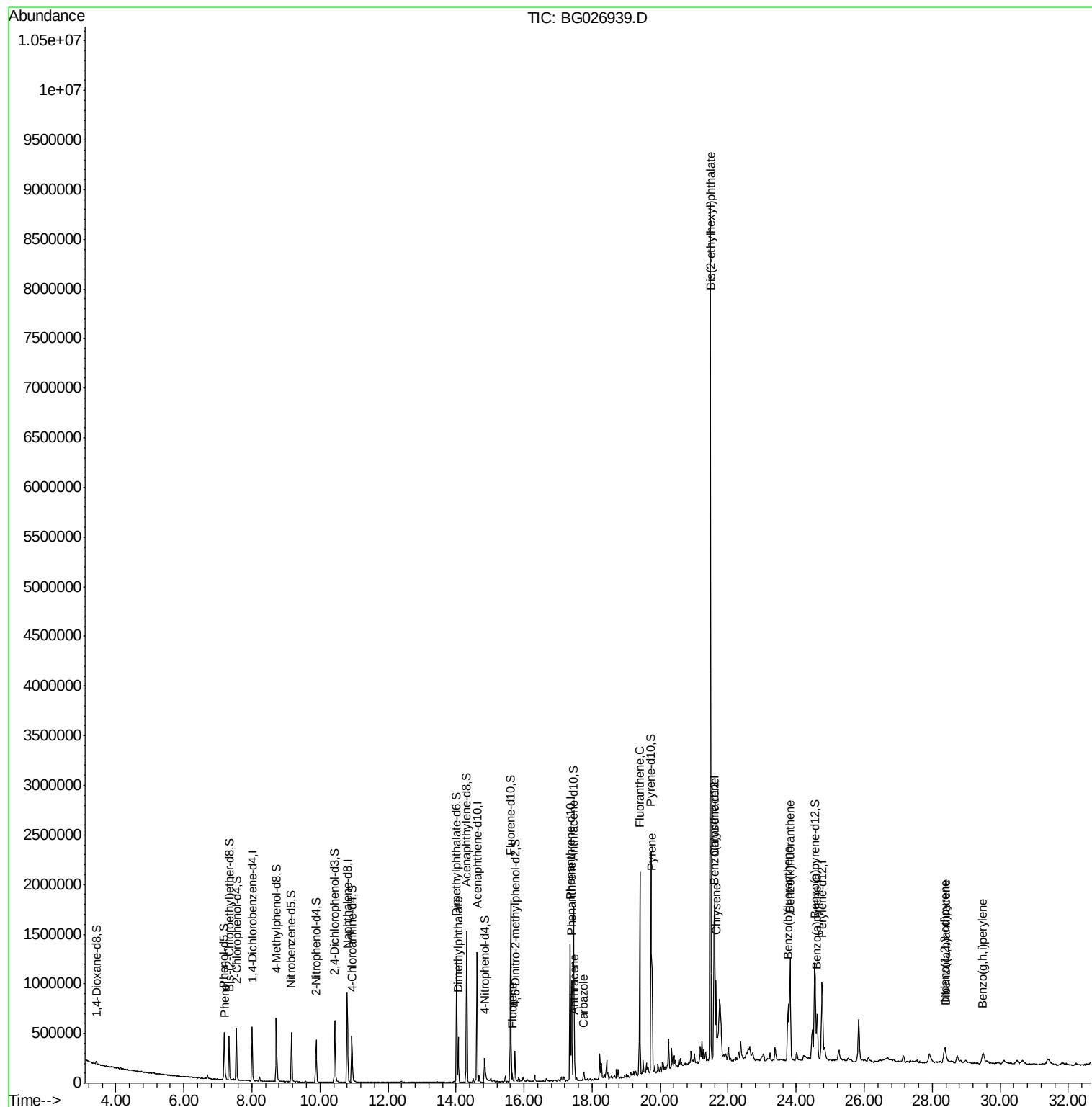
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026939.D
Acq On : 10 May 2017 15:37
Operator : SJ/MA
Sample : I2960-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

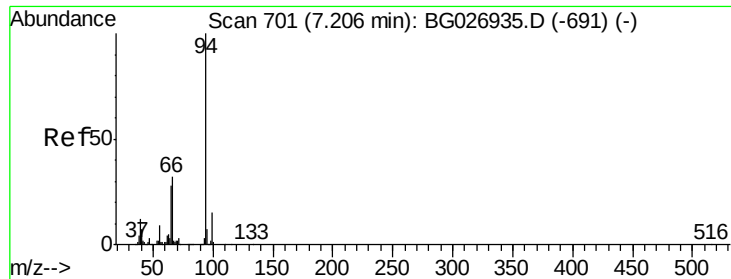
Instrument :
BNA_G
ClientSampleId :
BDC41

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Quant Time: May 10 17:44:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.42 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Instrument :

BNA_G

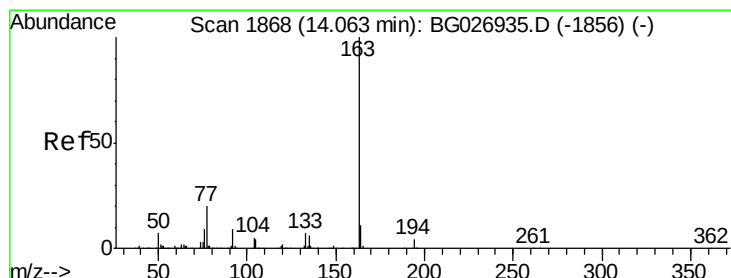
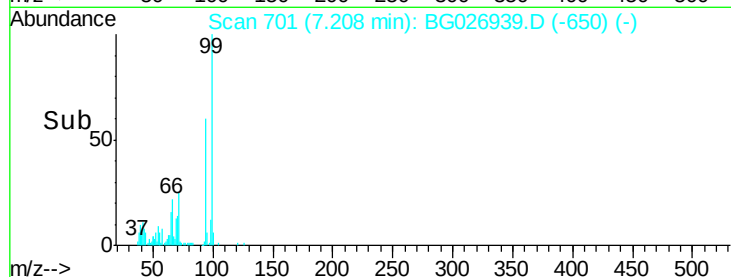
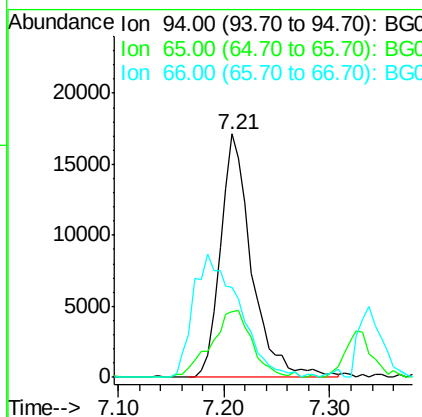
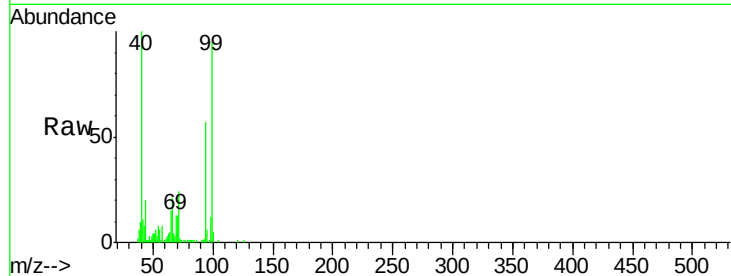
ClientSampleId :

BDC41

Tgt Ion:	94	Resp:	35055
Ion Ratio	Lower	Upper	
94	100		
65	27.1	26.8	40.2
66	37.1	44.4	66.6#

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#44

Dimethylphthalate

Concen: 8.95 ng/ul

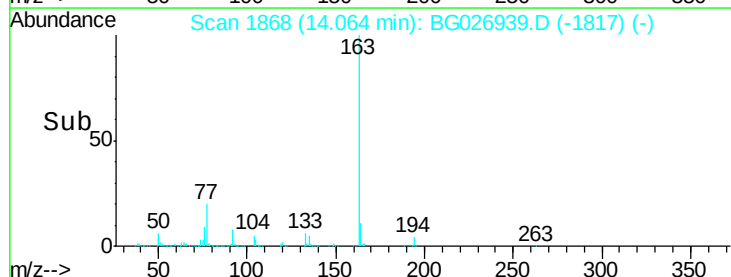
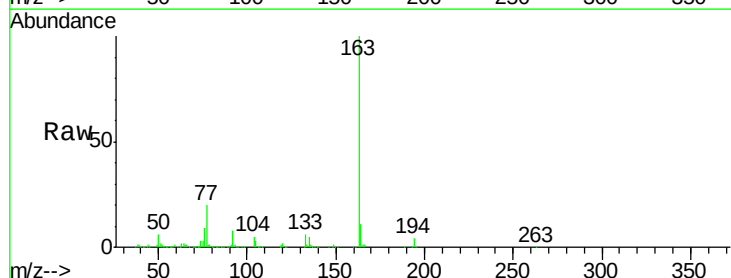
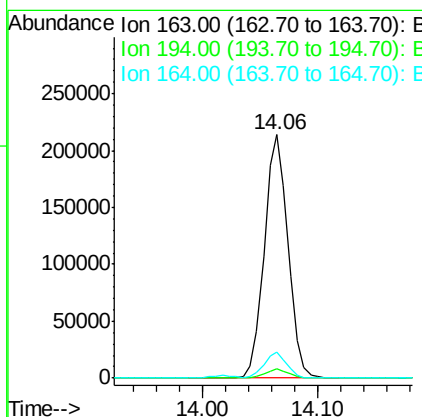
RT: 14.06 min Scan# 1868

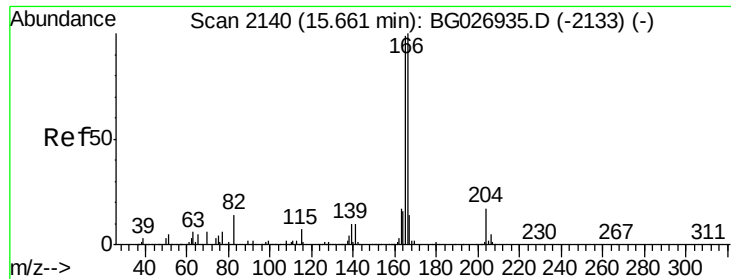
Delta R.T. 0.00 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Tgt Ion:	163	Resp:	306571
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	10.6	9.0	13.4





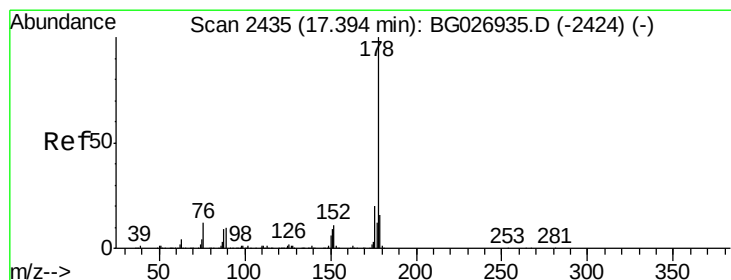
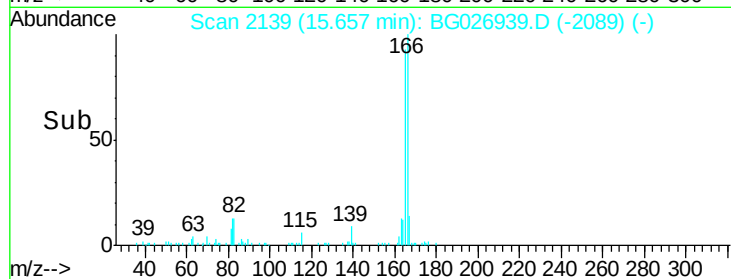
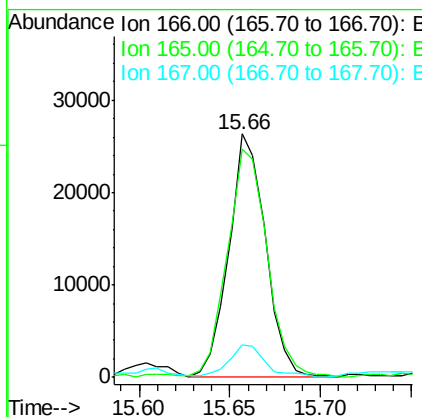
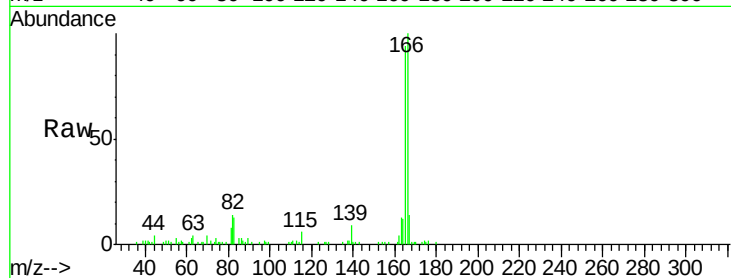
#58
 Fluorene
 Concen: 1.10 ng/ul
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Instrument :
 BNA_G
 ClientSampleId :
 BDC41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	79.7	119.5
167	13.5	11.4	17.2

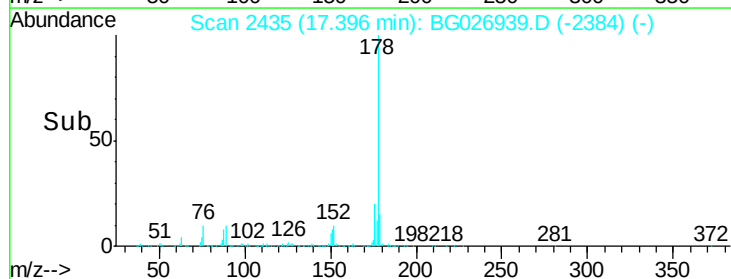
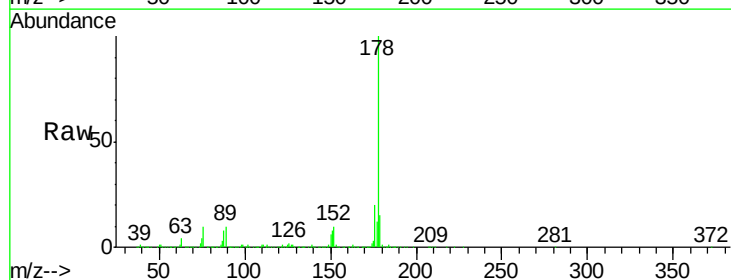
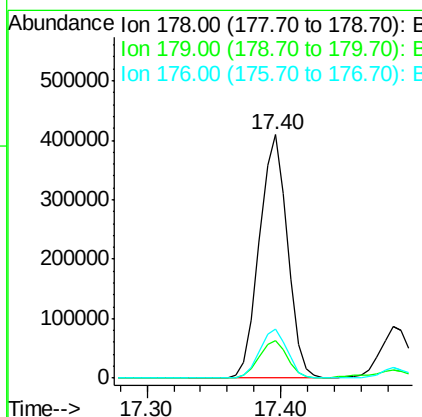
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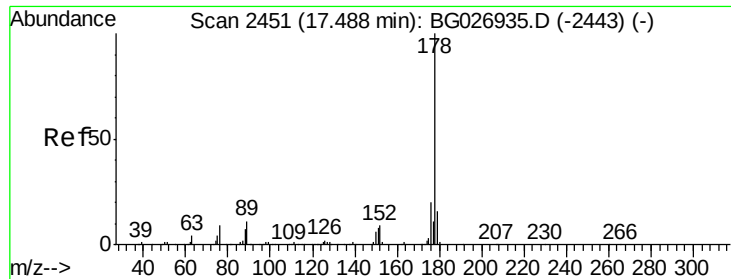
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#69
 Phenanthrene
 Concen: 13.04 ng/ul
 RT: 17.40 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.9	16.5	24.7





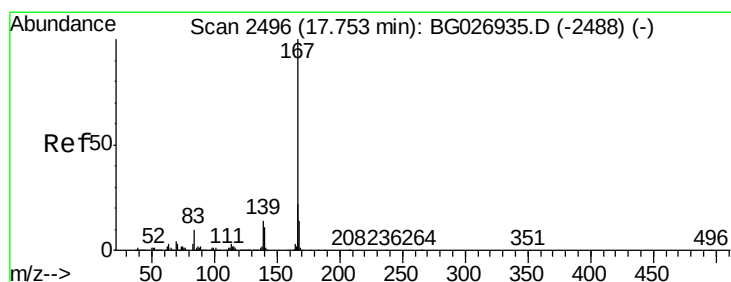
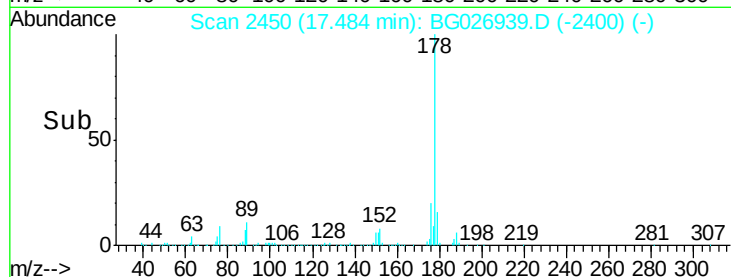
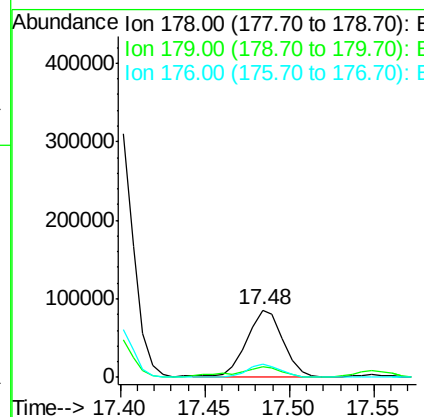
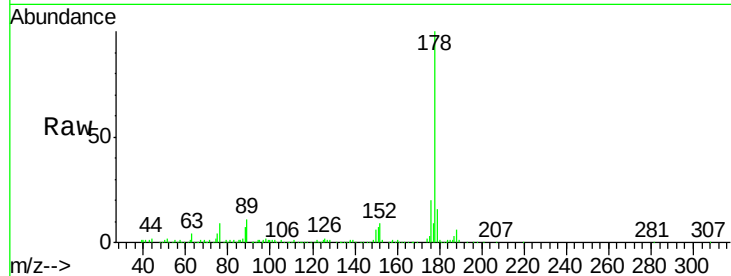
#71
 Anthracene
 Concen: 2.78 ng/ul
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Instrument :
 BNA_G
 ClientSampleId :
 BDC41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	129744		
179	15.8	12.6	19.0	
176	19.7	15.9	23.9	

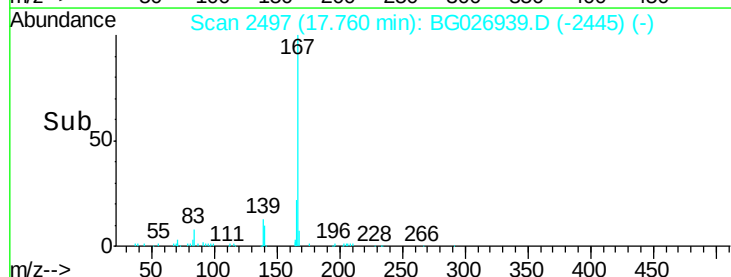
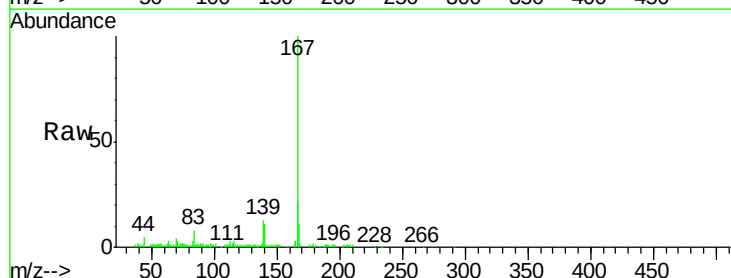
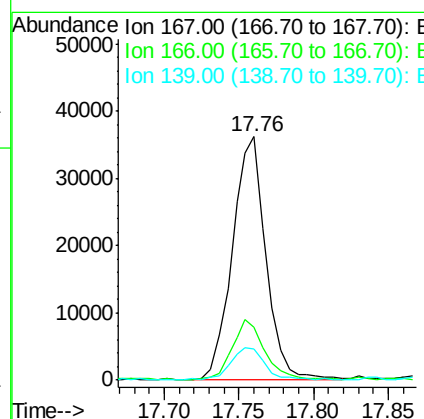
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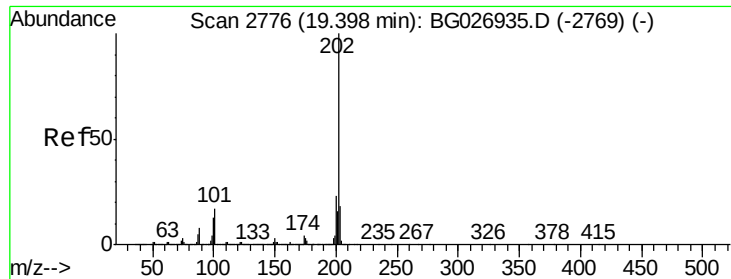
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#72
 Carbazole
 Concen: 1.44 ng/ul
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	56730		
166	22.0	17.9	26.9	
139	12.7	10.5	15.7	





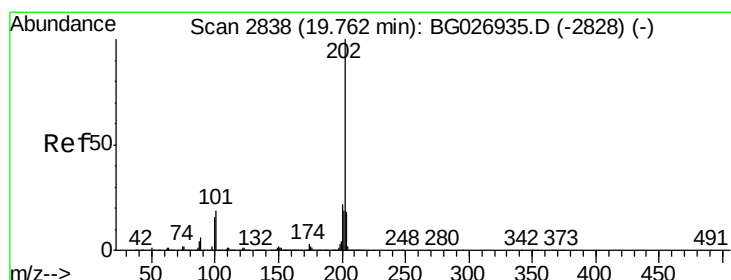
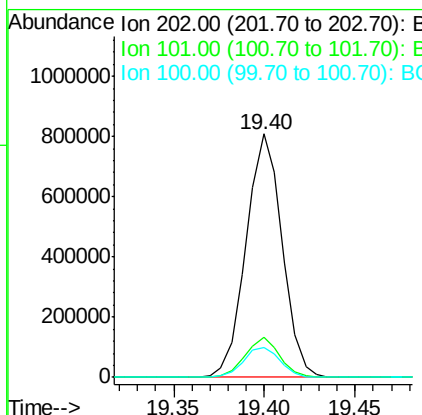
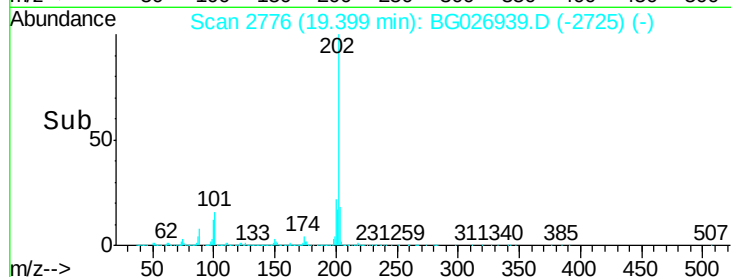
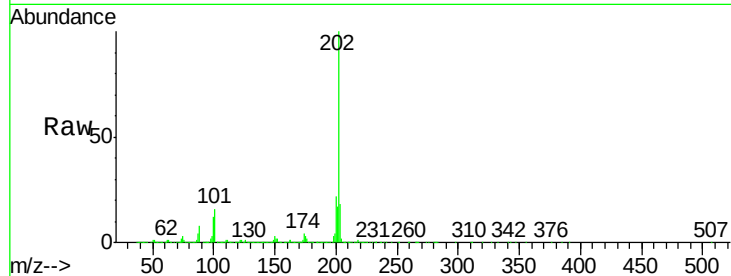
#74
 Fluoranthene
 Concen: 26.49 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Instrument :
 BNA_G
 ClientSampled :
 BDC41

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	16.3	6.2	9.2#	
100	12.5	5.2	7.8#	

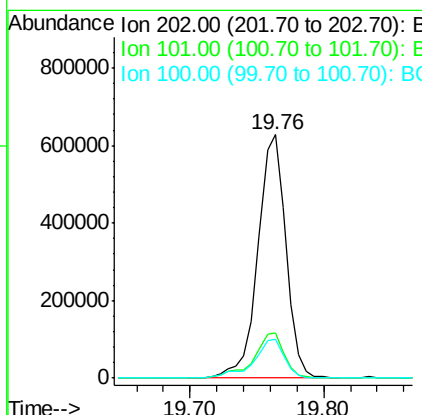
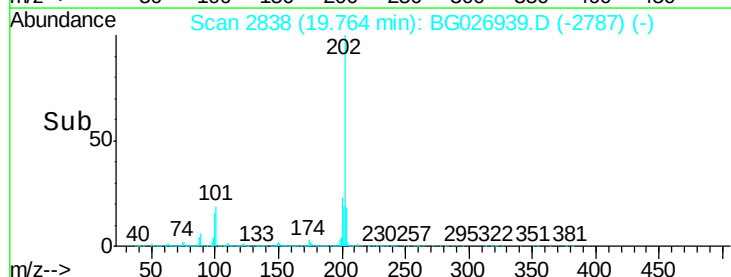
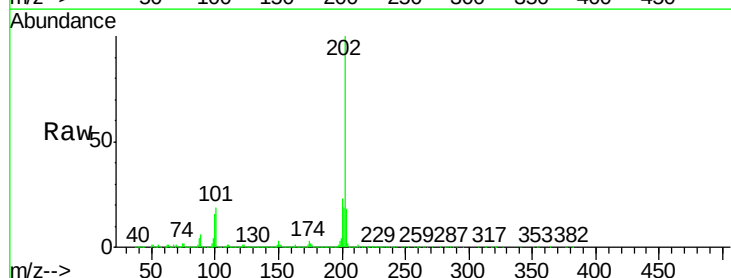
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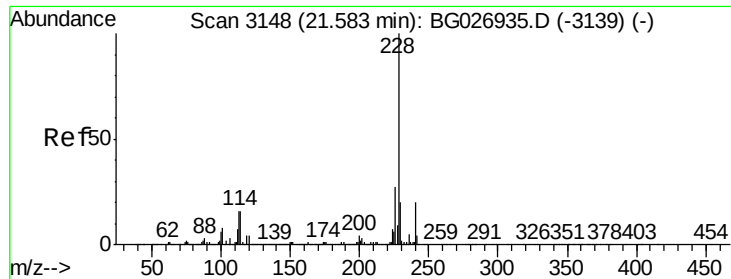
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#77
 Pyrene
 Concen: 18.78 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	18.6	6.9	10.3#	
100	15.7	6.6	10.0#	





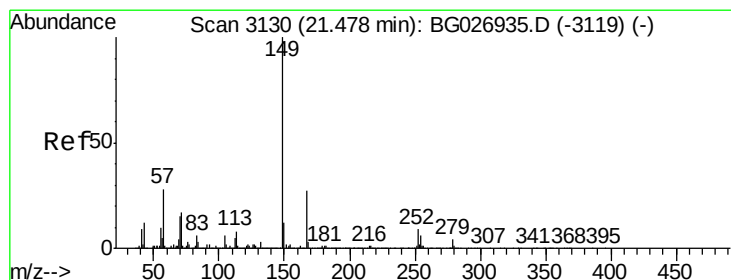
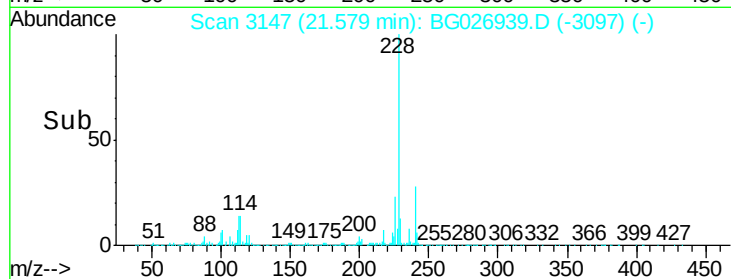
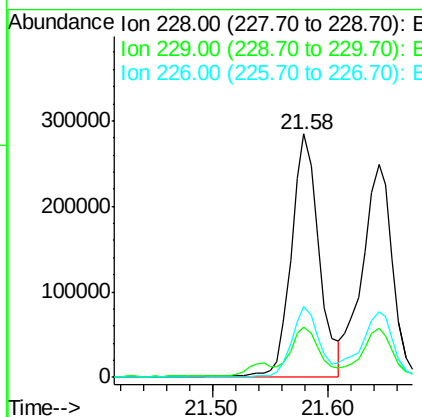
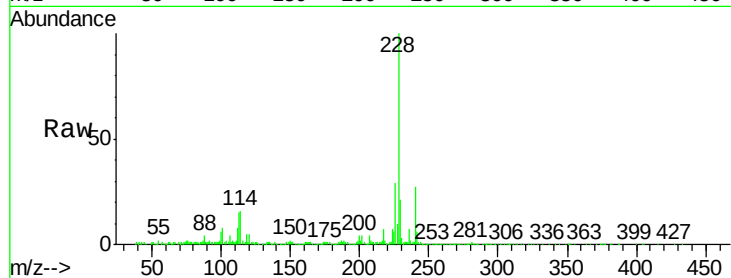
#80
Benzo(a)anthracene
Concen: 11.21 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG026939.D
Acq: 10 May 2017 15:37

Instrument :
BNA_G
ClientSampleId :
BDC41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	29.2	21.9	32.9

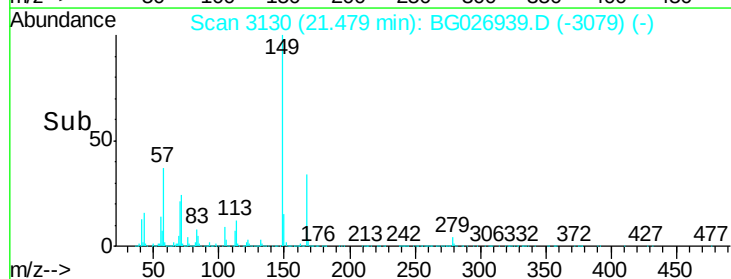
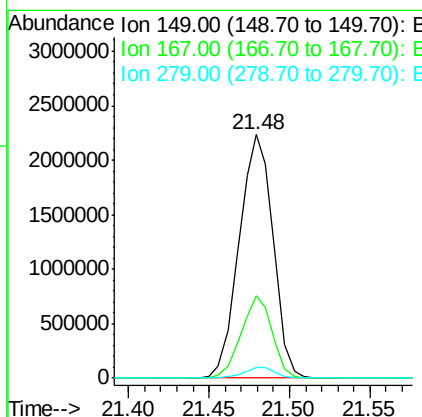
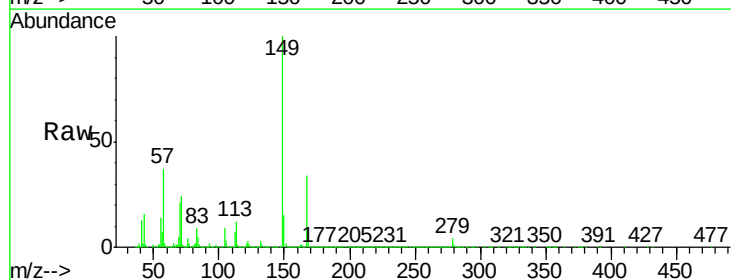
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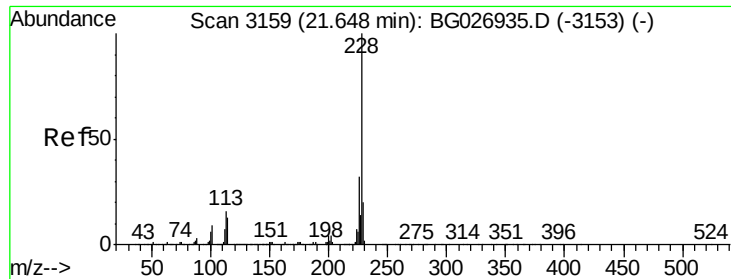
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#81
Bis(2-ethylhexyl)phthalate
Concen: 102.07 ng/ul m
RT: 21.48 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG026939.D
Acq: 10 May 2017 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.8	21.8	32.8#
279	4.4	4.5	6.7#





#82

Chrysene

Concen: 11.63 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Instrument :

BNA_G

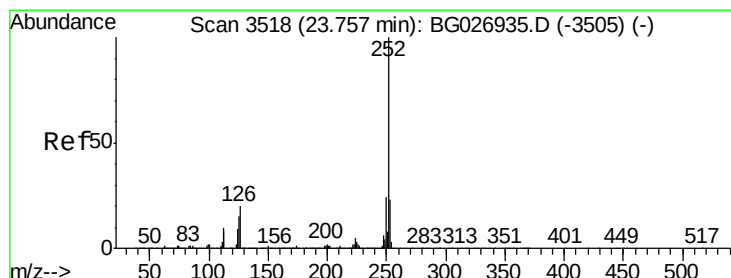
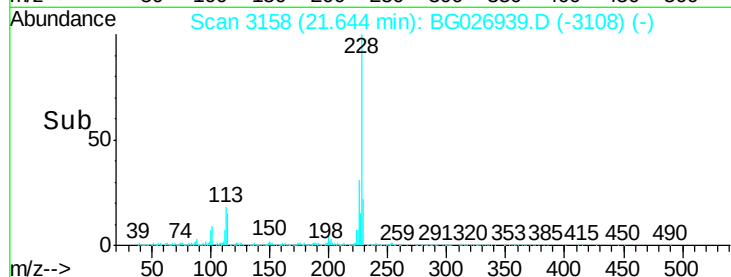
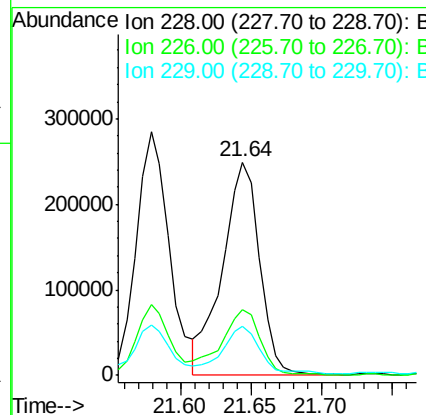
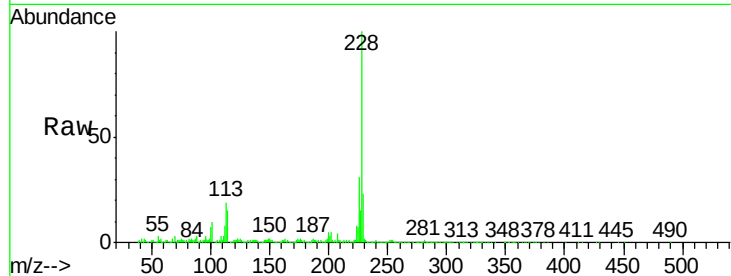
ClientSampleId :

BDC41

Tgt Ion:	228	Resp:	453151
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	22.9	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 14.43 ng/ul

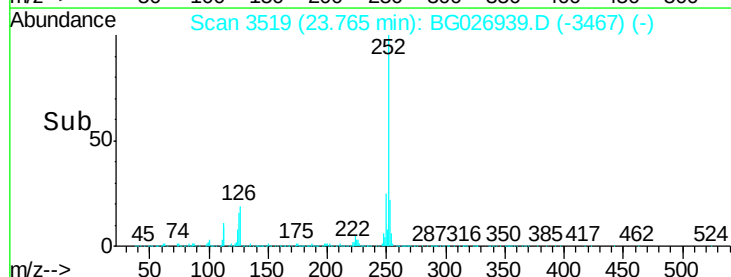
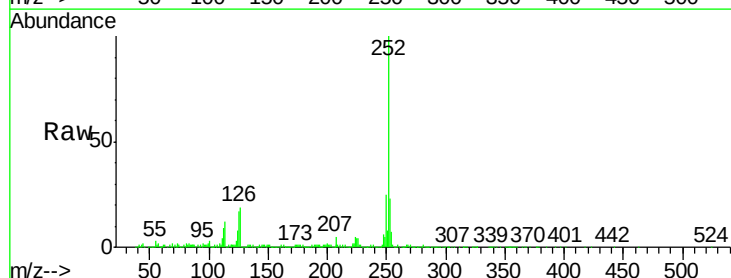
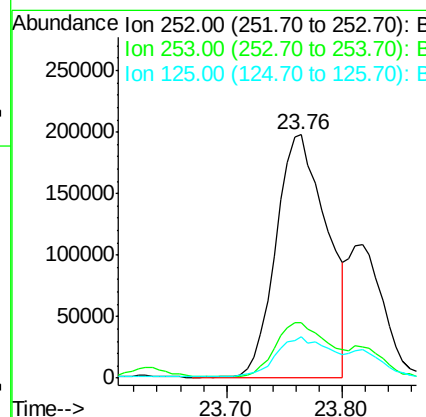
RT: 23.76 min Scan# 3519

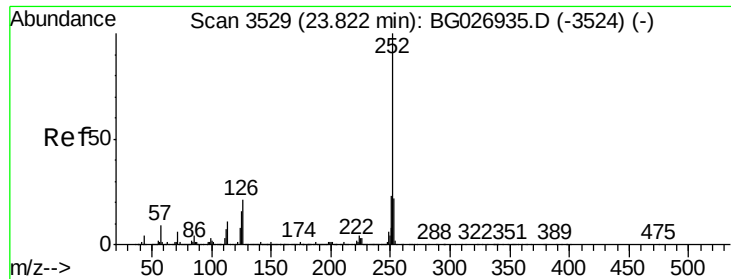
Delta R.T. 0.01 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Tgt Ion:	252	Resp:	604526
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	17.0	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 4.72 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Instrument :

BNA_G

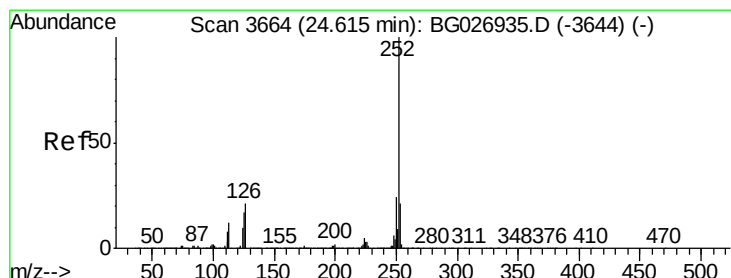
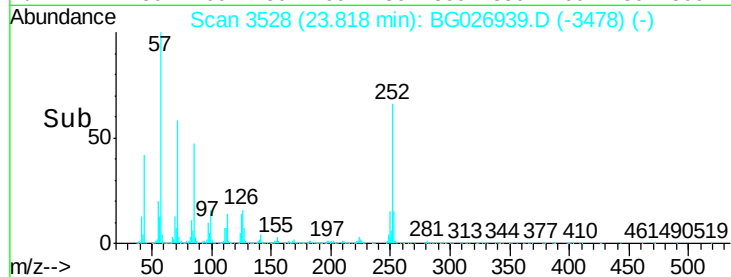
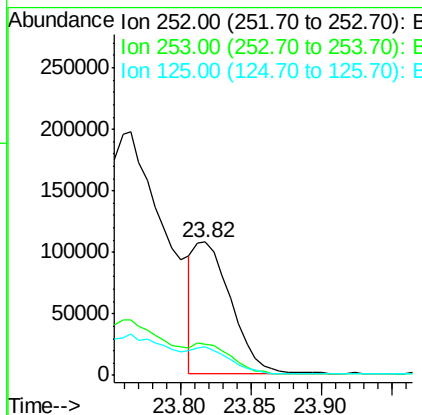
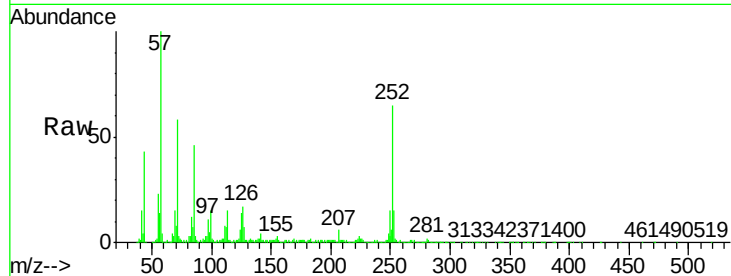
ClientSampleId :

BDC41

Tgt Ion:	252	Resp:	194387
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.5	27.7
125	21.5	4.1	6.1#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 10.21 ng/ul

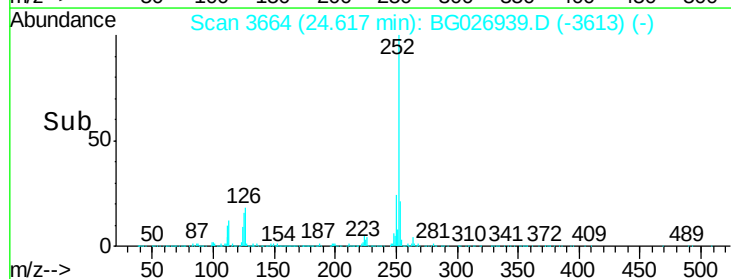
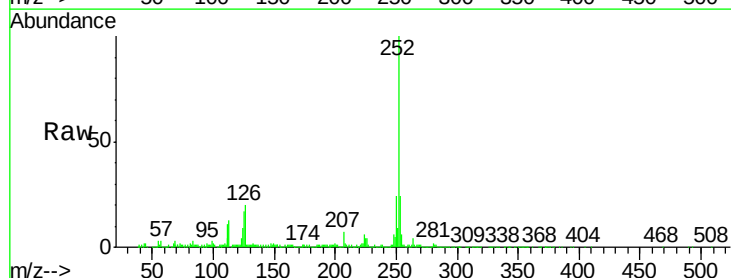
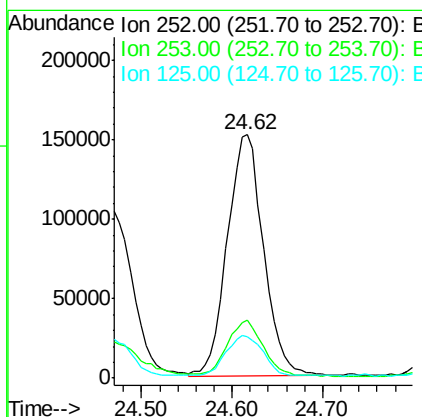
RT: 24.62 min Scan# 3664

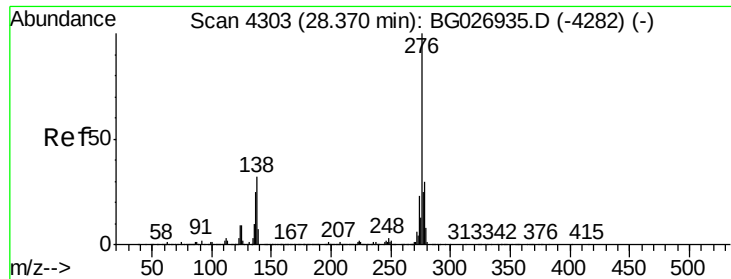
Delta R.T. 0.00 min

Lab File: BG026939.D

Acq: 10 May 2017 15:37

Tgt Ion:	252	Resp:	421031
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	17.2	5.4	8.0#





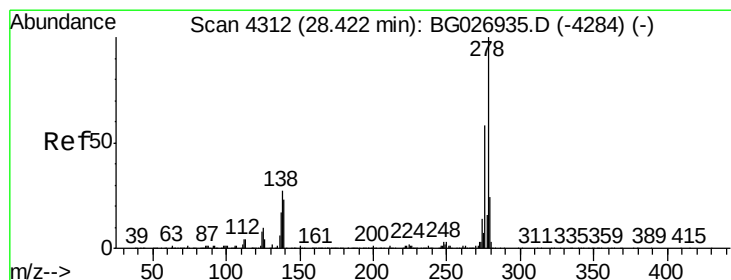
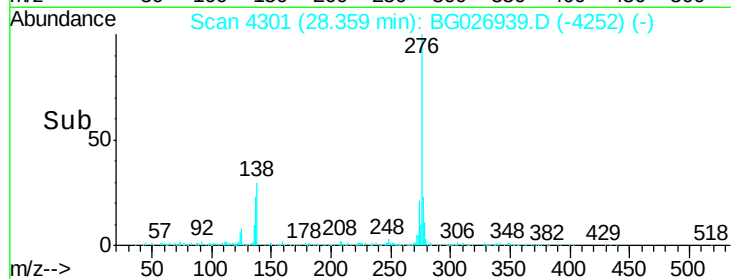
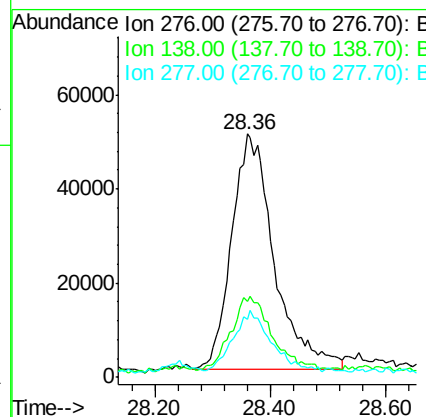
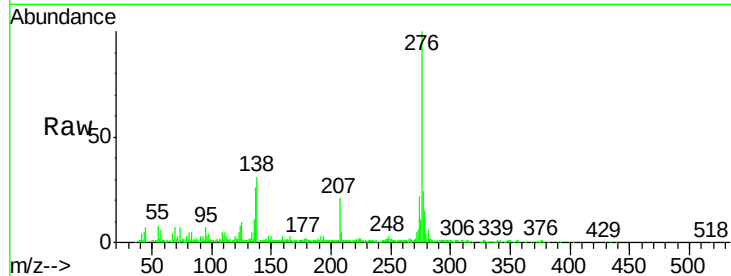
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 5.24 ng/ul
 RT: 28.36 min Scan# 4301
 Delta R.T. -0.01 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Instrument :
 BNA_G
 ClientSampleId :
 BDC41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	255912		
138	30.9	8.2	12.4#	
277	24.0	18.6	28.0	

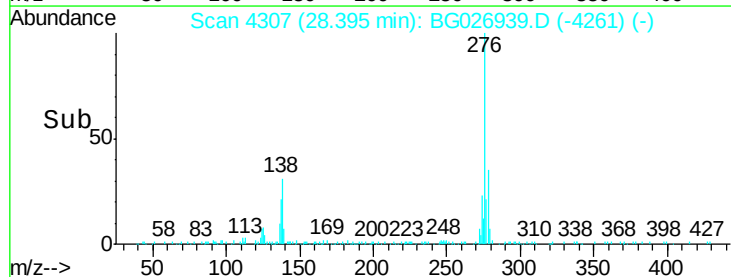
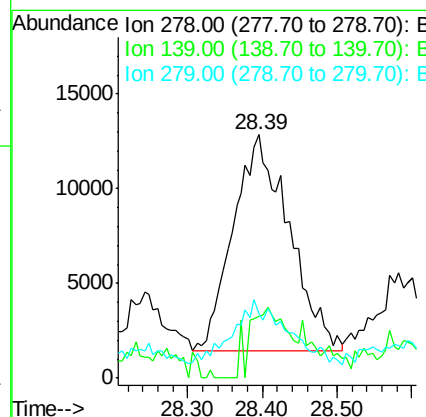
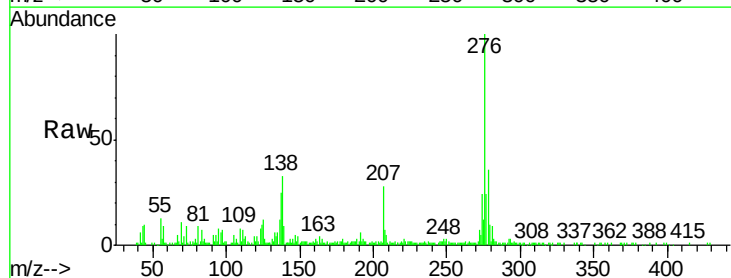
Manual Integrations
 APPROVED

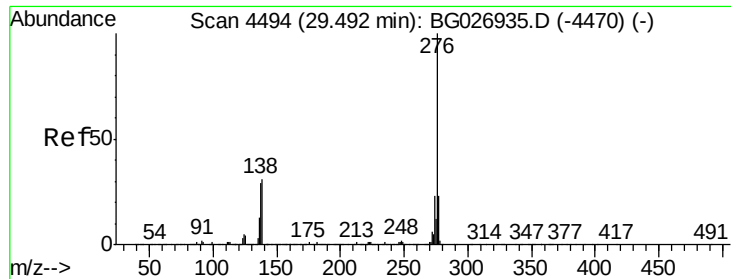
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#90
 Dibenzo(a,h)anthracene
 Concen: 1.43 ng/ul
 RT: 28.39 min Scan# 4307
 Delta R.T. -0.03 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	59139		
139	25.4	6.7	10.1#	
279	26.5	20.9	31.3	





#91
 Benzo(g,h,i)perylene
 Concen: 5.43 ng/ul
 RT: 29.49 min Scan# 4494
 Delta R.T. 0.00 min
 Lab File: BG026939.D
 Acq: 10 May 2017 15:37

Instrument :
 BNA_G
 ClientSampleId :
 BDC41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	8.6	12.8#
277	24.4	17.6	26.4

Manual Integrations
 APPROVED

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