

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026885.D
 Acq On : 6 May 2017 16:47
 Operator : SJ/MA
 Sample : I2842-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC42

Manual Integrations
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Quant Time: May 08 02:07:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 01:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	193976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	935401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	494855	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	911896	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	838233	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	878824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	16665	3.87	ng/uL	0.00
5) Phenol-d5	7.19	99	399266	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	232680	22.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	321022	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	325516	22.66	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	166991	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	178293	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	280364	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	356717	19.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	854710	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1130158	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	117095	16.31	ng/ul	0.00
57) Fluorene-d10	15.61	176	729713	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	70151	12.67	ng/ul	0.00
70) Anthracene-d10	17.46	188	980030	22.14	ng/ul	0.00
76) Pyrene-d10	19.74	212	978589	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	940390	22.63	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.21	94	35768	2.04	ng/ul#	76
28) Naphthalene	10.86	128	405453	8.33	ng/ul	98
34) 2-Methylnaphthalene	12.46	142	190131	5.26	ng/ul	90
40) 1,1'-Biphenyl	13.45	154	54529	1.31	ng/ul#	96
44) Dimethylphthalate	14.07	163	242321	6.21	ng/ul	97
49) Acenaphthene	14.68	153	248928	7.02	ng/ul	98
53) Dibenzofuran	15.02	168	385824	8.18	ng/ul	93
58) Fluorene	15.66	166	357181	9.27	ng/ul	96
69) Phenanthrene	17.40	178	2866013	55.79	ng/ul	94
71) Anthracene	17.49	178	955267	18.13	ng/ul	99
72) Carbazole	17.76	167	377821	8.48	ng/ul	99
74) Fluoranthene	19.41	202	2774872	58.18	ng/ul#	72
77) Pyrene	19.76	202	2317904	41.22	ng/ul#	69
80) Benzo(a)anthracene	21.59	228	1352427	27.59	ng/ul	98
82) Chrysene	21.65	228	1126151	24.73	ng/ul	97
85) Benzo(b)fluoranthene	23.77	252	1388782	27.66	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	554590m	11.24	ng/ul	
88) Benzo(a)pyrene	24.62	252	1052908	21.30	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.37	276	640892	10.94	ng/ul#	77
90) Dibenzo(a,h)anthracene	28.40	278	166262	3.35	ng/ul#	87
91) Benzo(g,h,i)perylene	29.50	276	514710	10.59	ng/ul#	82

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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 01:28:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

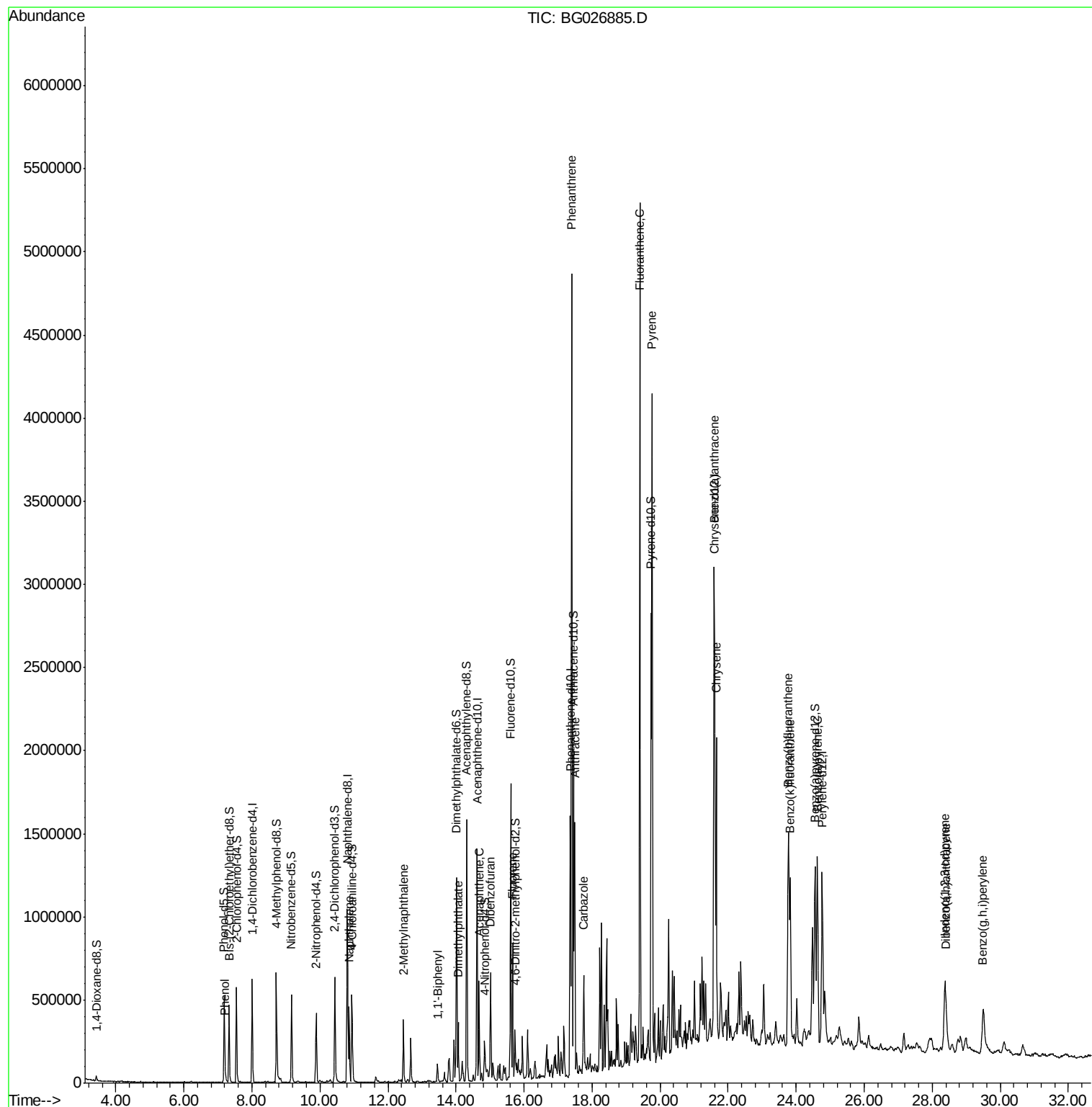
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Data File : BG026885.D
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Sample : I2842-03
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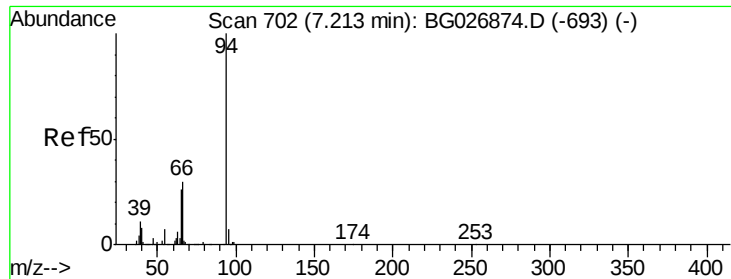
Instrument :
BNA_G
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Quant Time: May 08 02:07:53 2017
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#6

Phenol

Concen: 2.04 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Instrument :

BNA_G

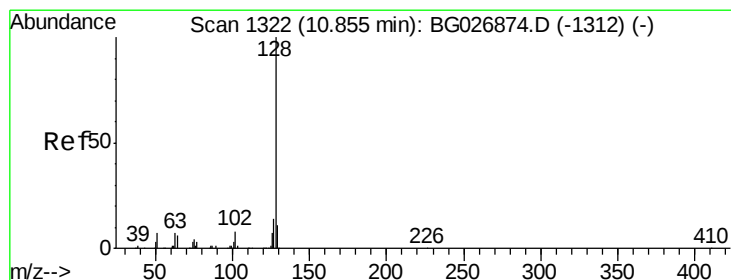
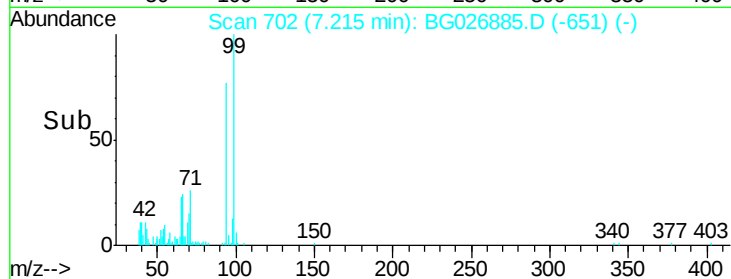
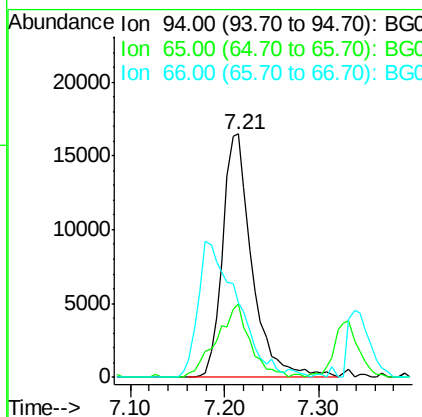
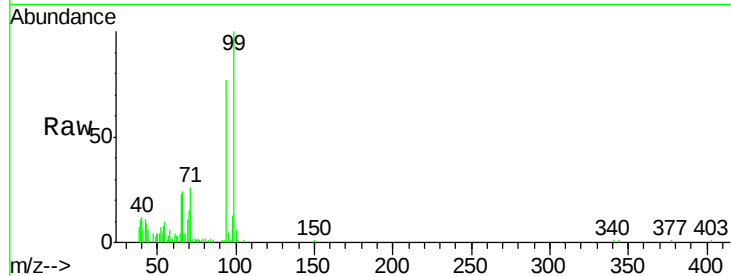
ClientSampleId :

BDC42

Tgt Ion:	94	Resp:	35768
Ion Ratio	Lower	Upper	
94	100		
65	30.0	26.8	40.2
66	30.7	44.4	66.6#

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#28

Naphthalene

Concen: 8.33 ng/ul

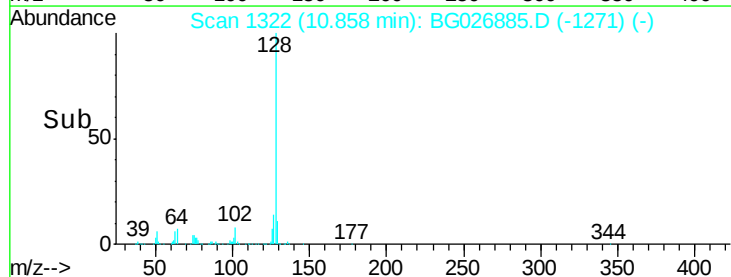
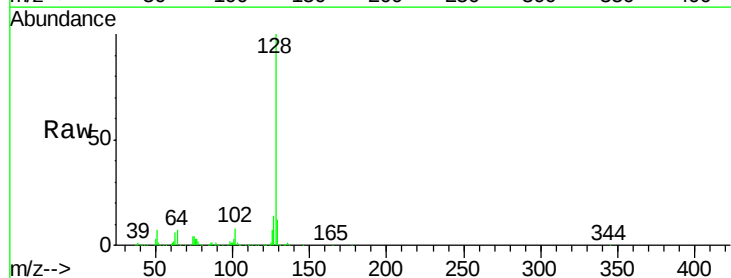
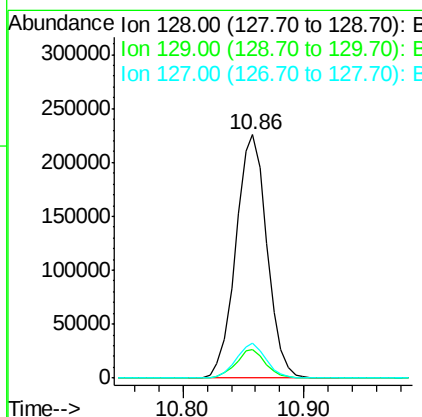
RT: 10.86 min Scan# 1322

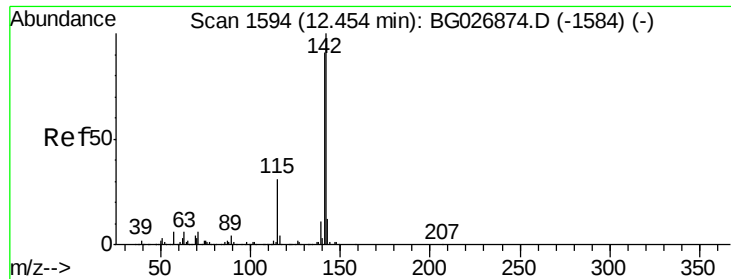
Delta R.T. 0.00 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Tgt Ion:	128	Resp:	405453
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	14.4	10.3	15.5





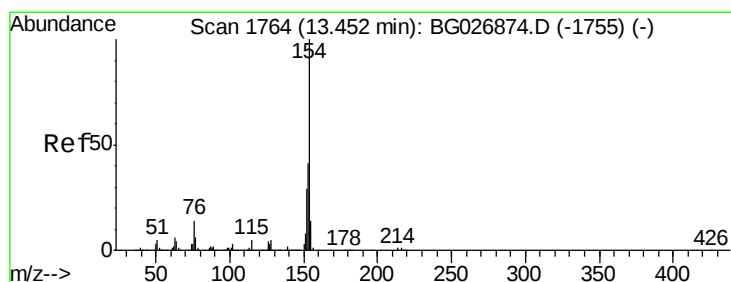
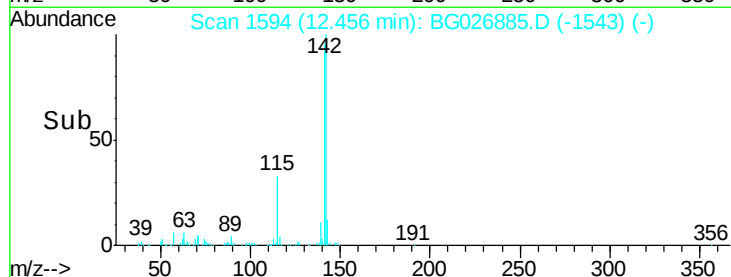
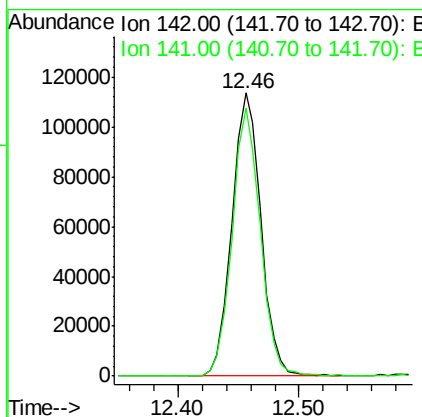
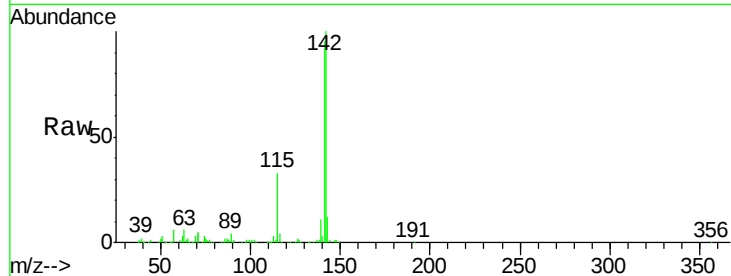
#34
 2-Methylnaphthalene
 Concen: 5.26 ng/ul
 RT: 12.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BG026885.D
 Acq: 6 May 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 BDC42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	190131		
141	94.7	68.6	102.8	

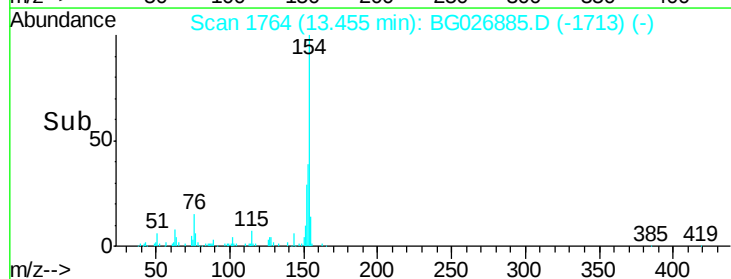
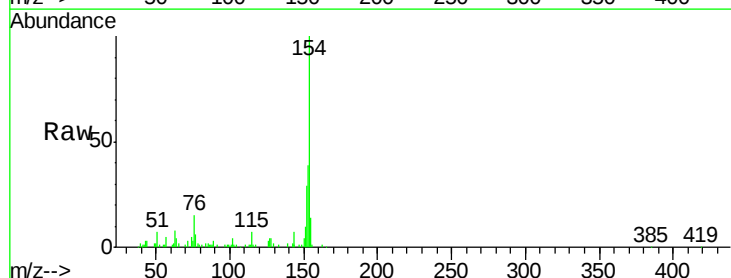
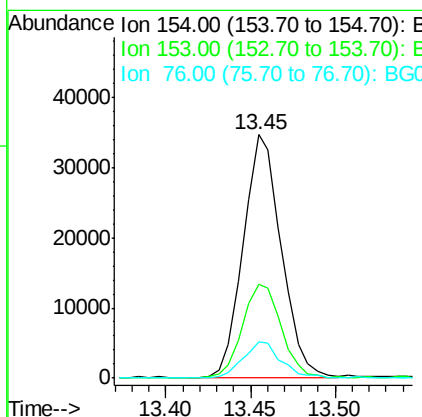
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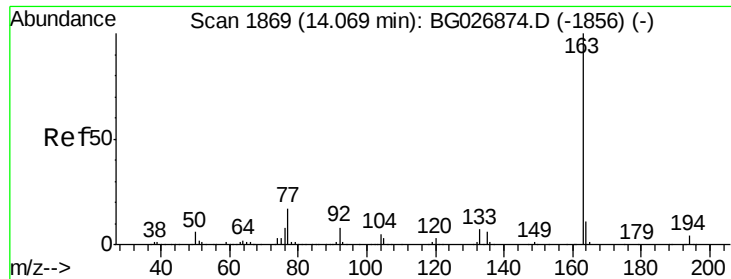
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#40
 1,1'-Biphenyl
 Concen: 1.31 ng/ul
 RT: 13.45 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG026885.D
 Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	54529		
153	38.6	32.2	48.2	
76	15.0	9.6	14.4	





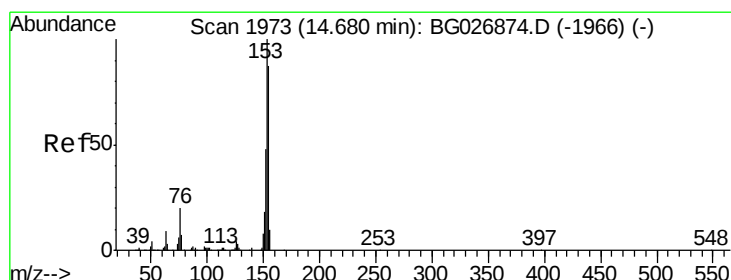
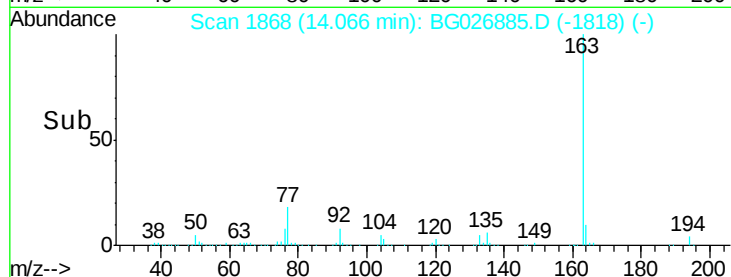
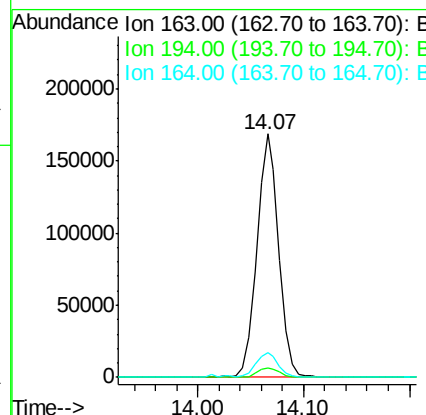
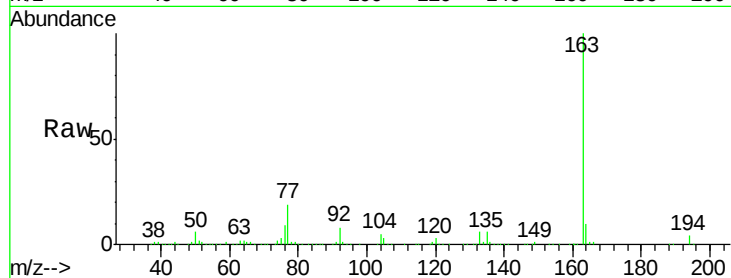
#44
Dimethylphthalate
Concen: 6.21 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Instrument :
BNA_G
ClientSampleId :
BDC42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	242321		
194	3.8	3.4	5.0	
164	9.9	9.0	13.4	

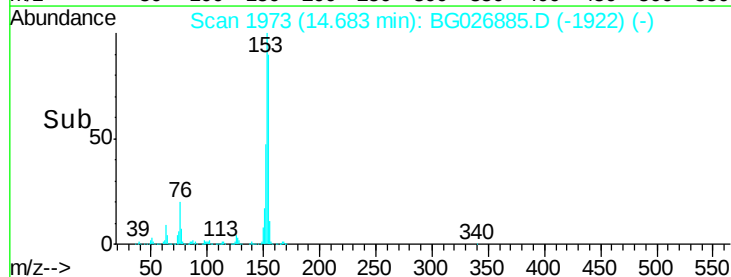
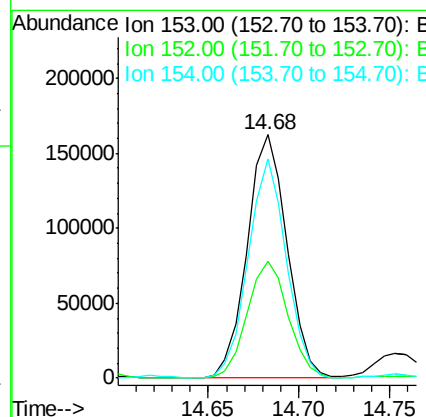
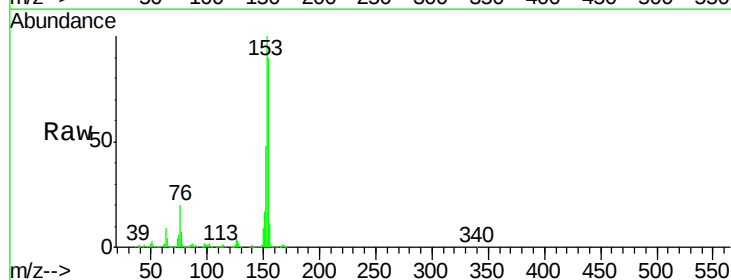
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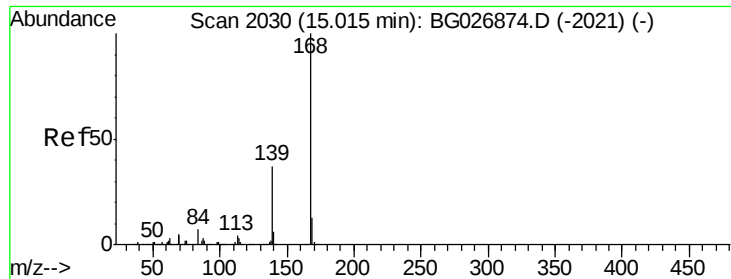
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#49
Acenaphthene
Concen: 7.02 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	248928		
152	48.1	36.5	54.7	
154	90.0	72.3	108.5	





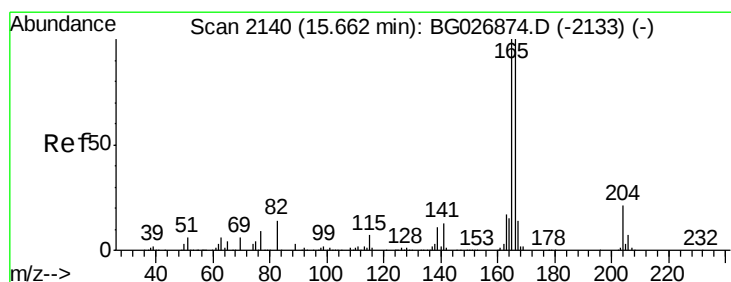
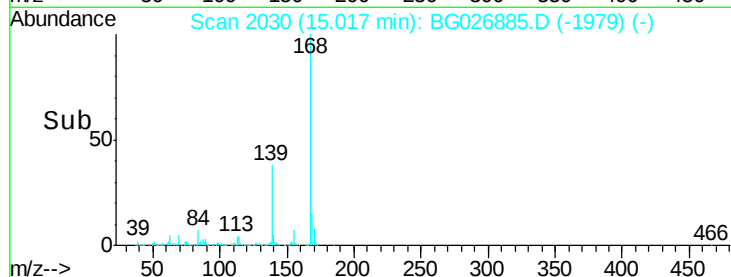
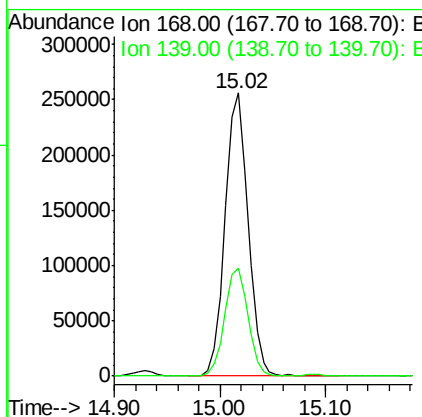
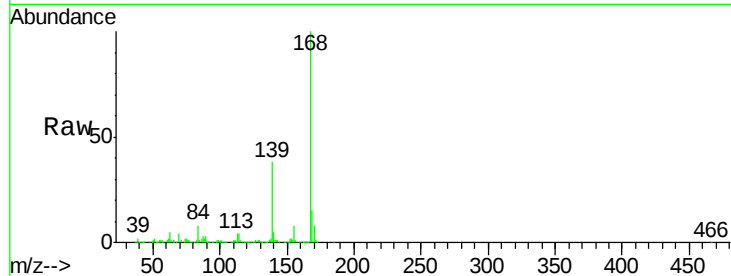
#53
Dibenzenofuran
Concen: 8.18 ng/ul
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Instrument :
BNA_G
ClientSampleId :
BDC42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	33.8	50.8

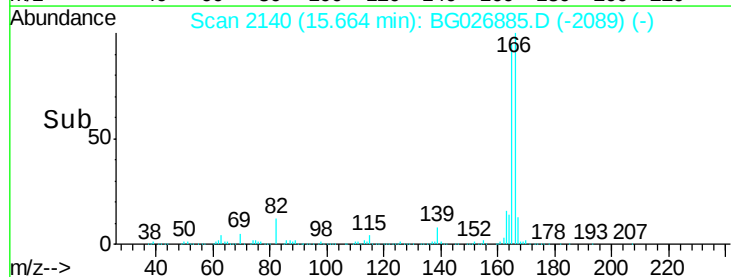
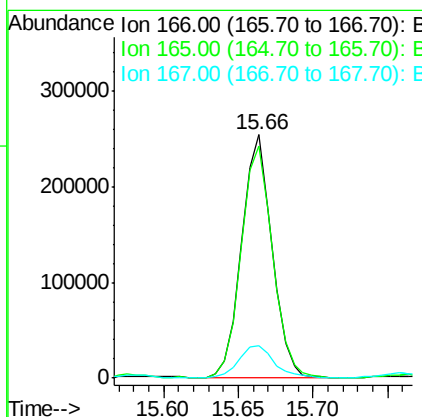
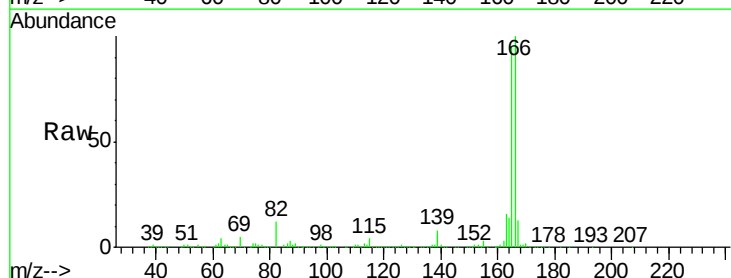
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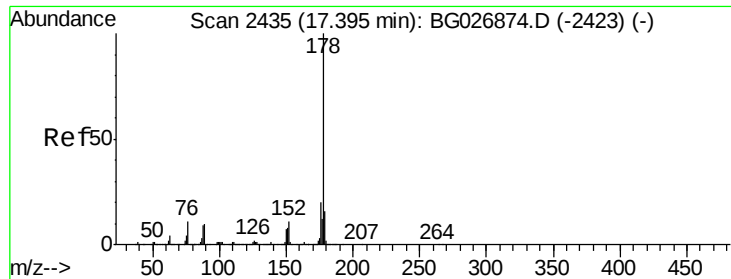
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#58
Fluorene
Concen: 9.27 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.7	119.5
167	13.4	11.4	17.2





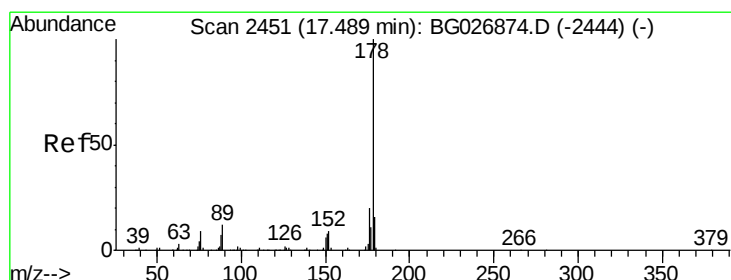
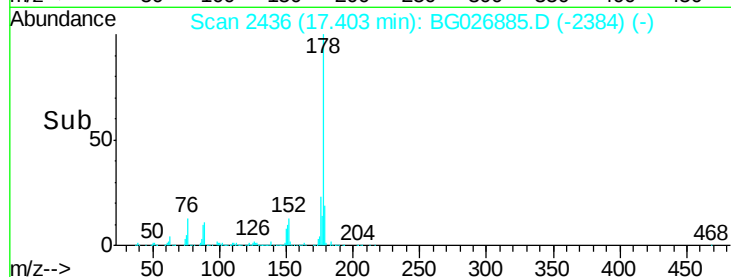
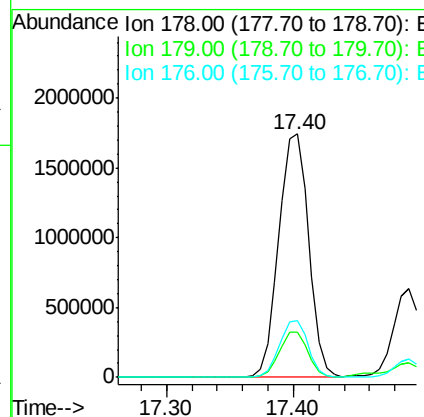
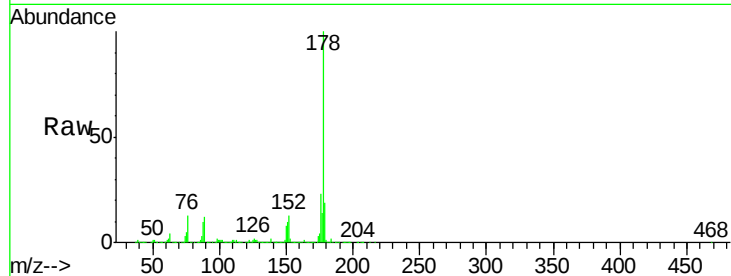
#69
Phenanthrene
Concen: 55.79 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Instrument :
BNA_G
ClientSampleId :
BDC42

Tgt Ion:178 Resp: 2866013
Ion Ratio Lower Upper
178 100
179 18.6 12.4 18.6
176 23.3 16.5 24.7

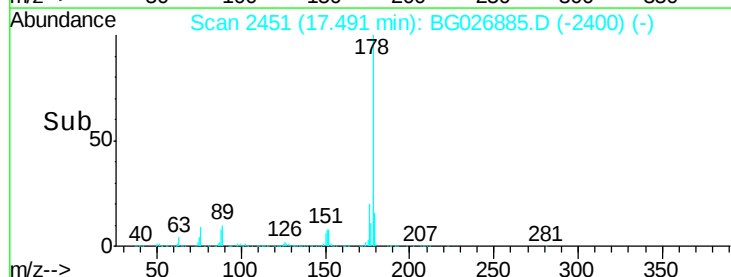
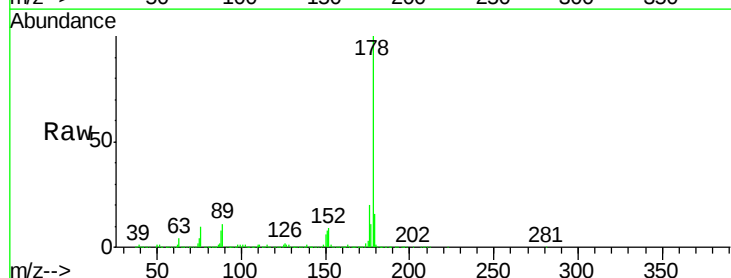
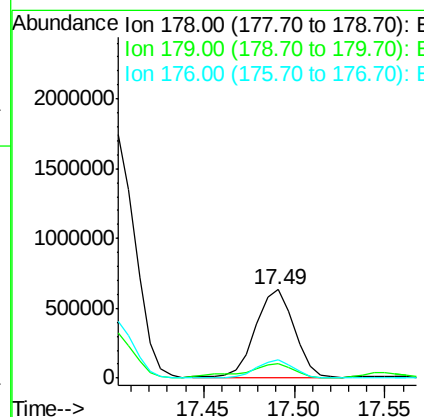
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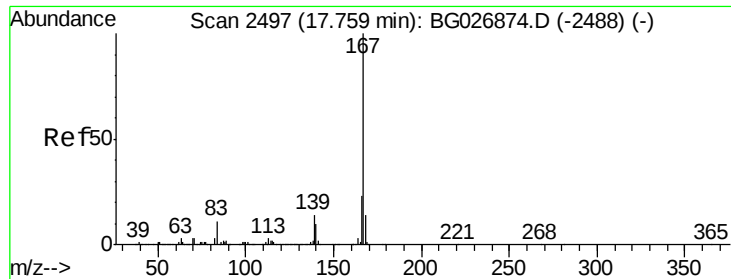
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#71
Anthracene
Concen: 18.13 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Tgt Ion:178 Resp: 955267
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 15.9 23.9





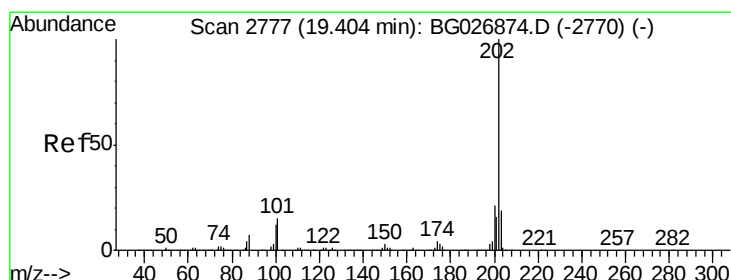
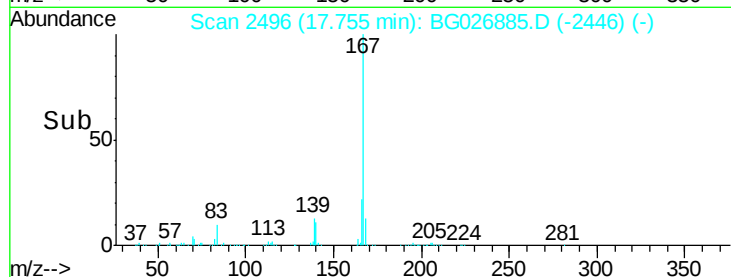
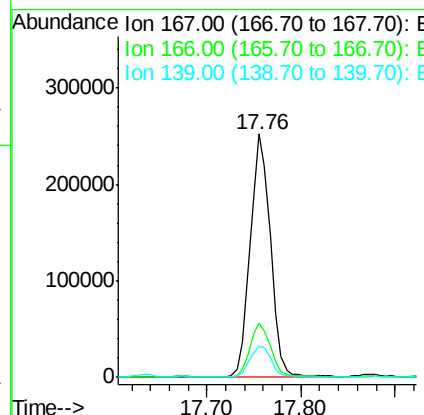
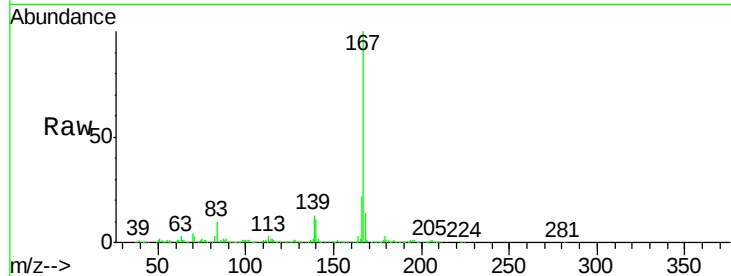
#72
 Carbazole
 Concen: 8.48 ng/ul
 RT: 17.76 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG026885.D
 Acq: 6 May 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 BDC42

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	377821		
166	22.1	17.9	26.9	
139	13.0	10.5	15.7	

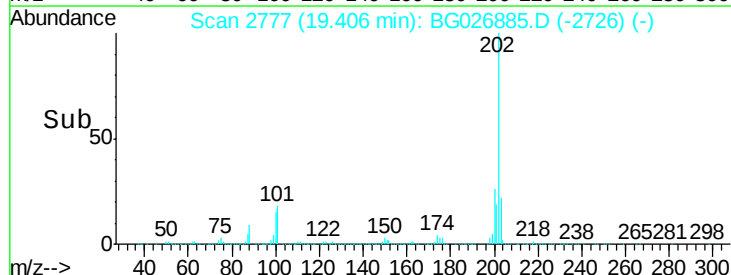
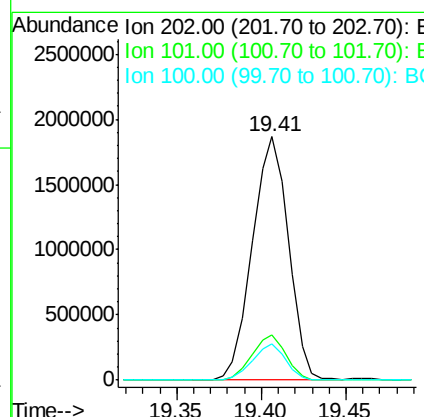
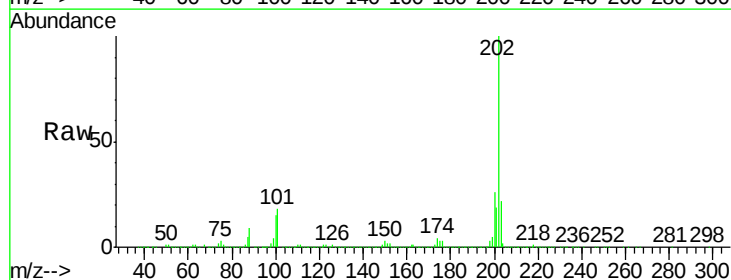
Manual Integrations
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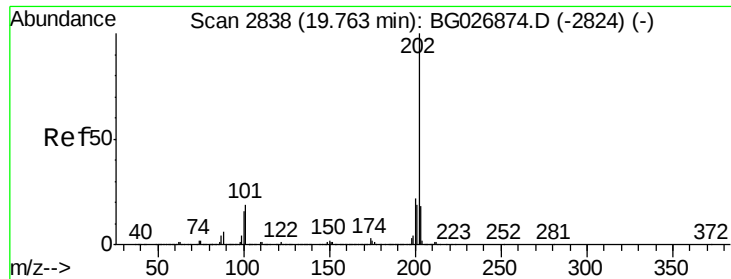
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#74
 Fluoranthene
 Concen: 58.18 ng/ul
 RT: 19.41 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG026885.D
 Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2774872		
101	18.4	6.2	9.2#	
100	14.7	5.2	7.8#	





#77

Pyrene

Concen: 41.22 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Instrument :

BNA_G

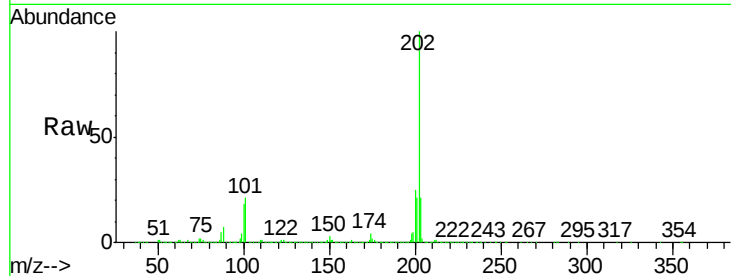
ClientSampleId :

BDC42

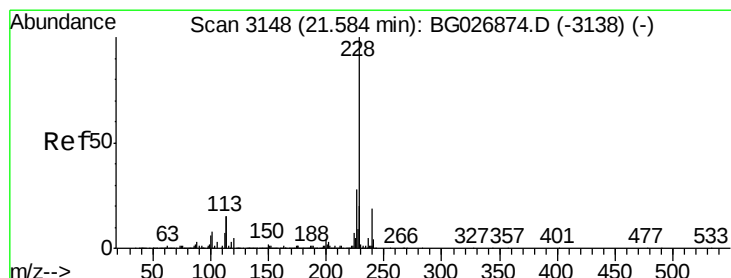
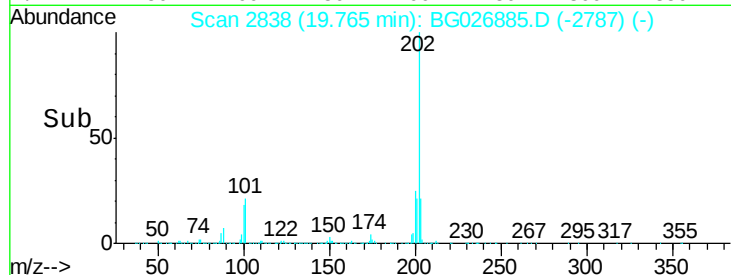
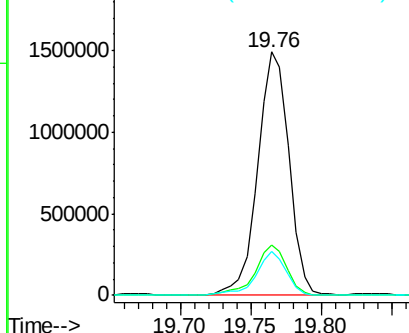
Tgt Ion:	202	Resp:	2317904
Ion Ratio	Lower	Upper	
202	100		
101	20.9	6.9	10.3#
100	18.0	6.6	10.0#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 27.59 ng/ul

RT: 21.59 min Scan# 3148

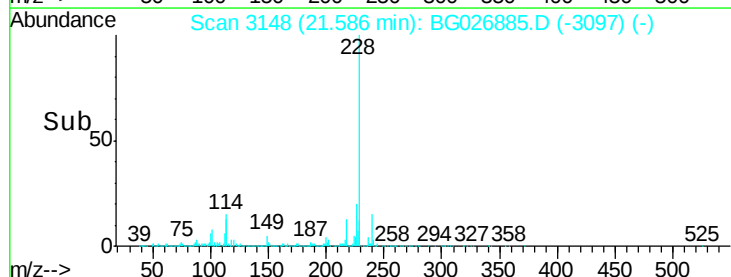
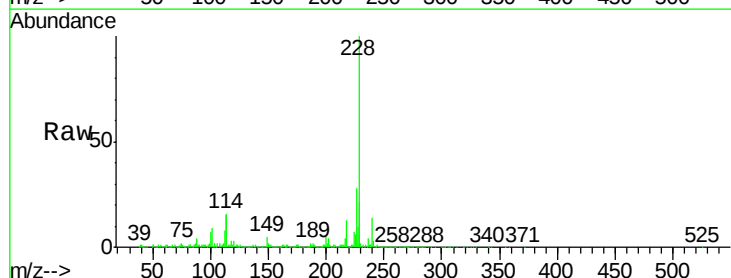
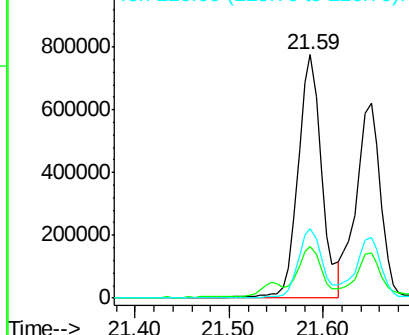
Delta R.T. 0.00 min

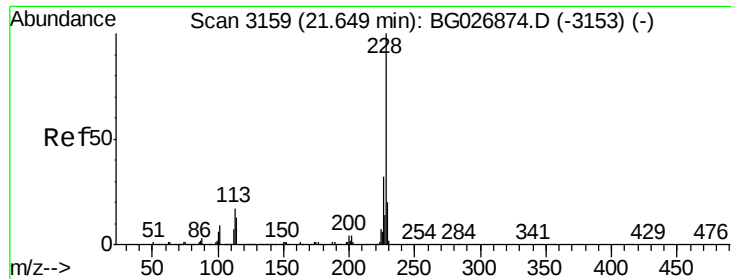
Lab File: BG026885.D

Acq: 6 May 2017 16:47

Tgt Ion:	228	Resp:	1352427
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.3	24.5
226	28.5	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 24.73 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Instrument :

BNA_G

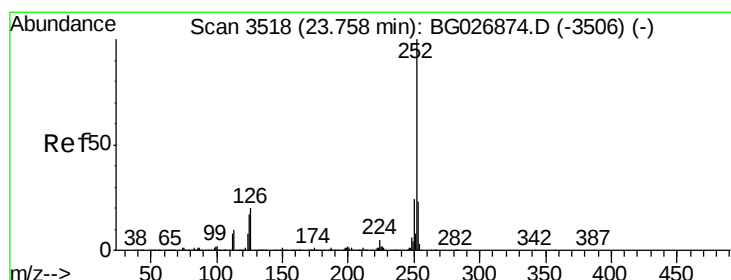
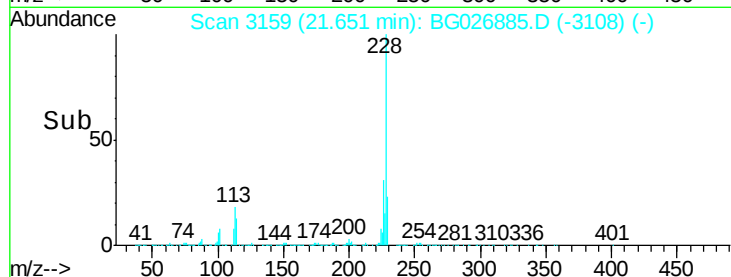
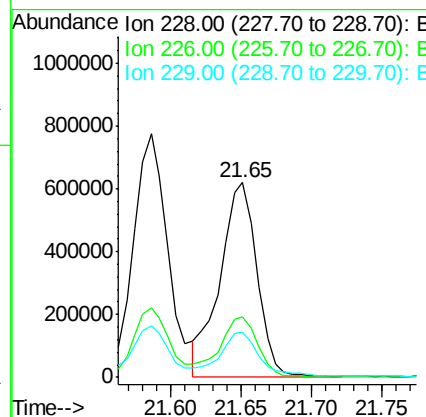
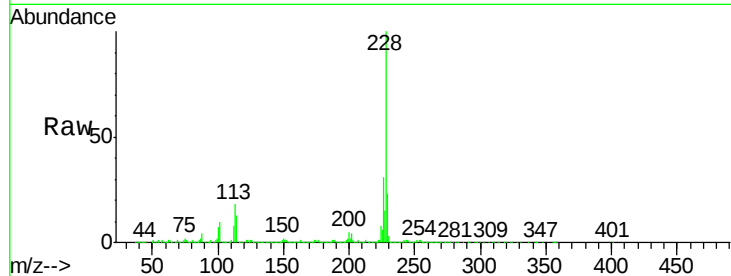
ClientSampleId :

BDC42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.4	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 27.66 ng/ul

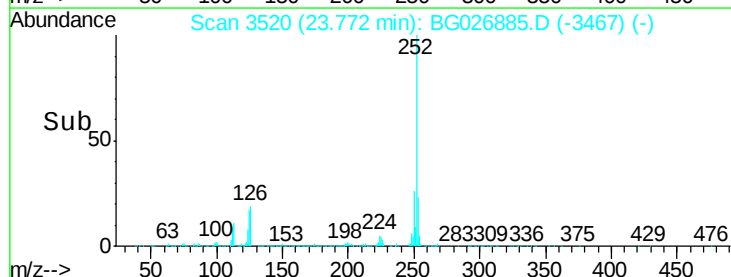
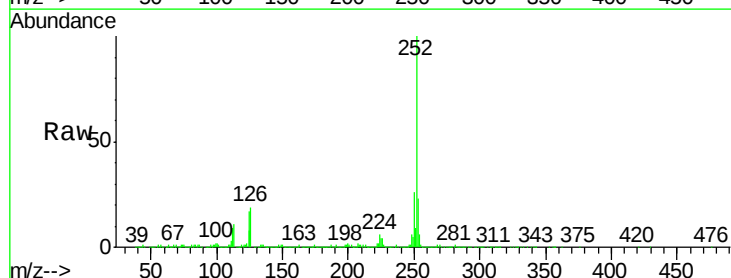
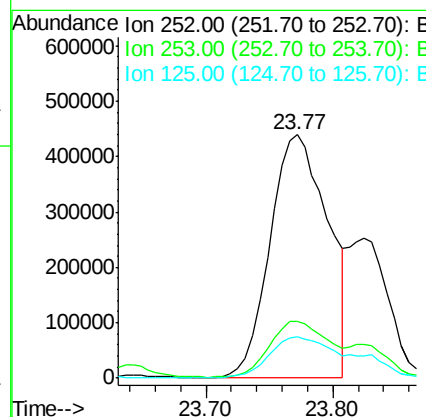
RT: 23.77 min Scan# 3520

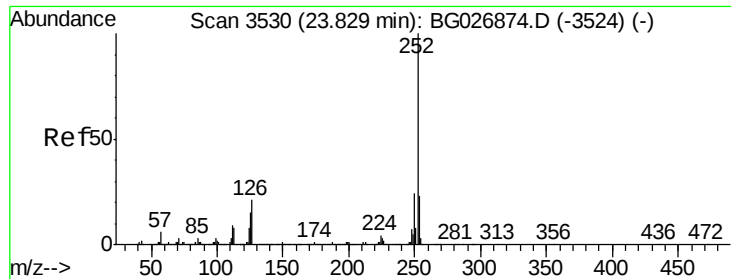
Delta R.T. 0.01 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	17.1	4.0	6.0





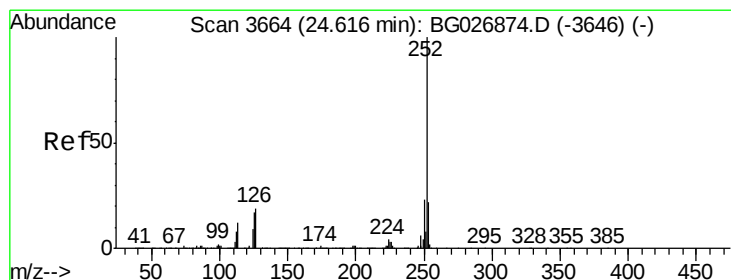
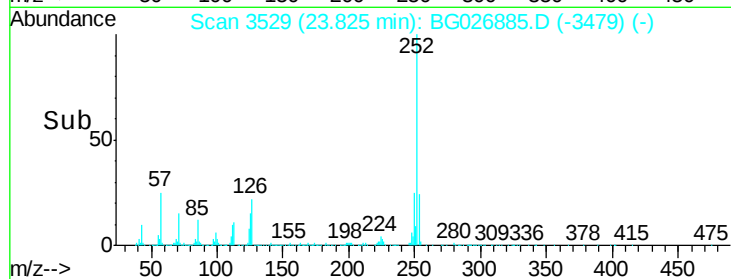
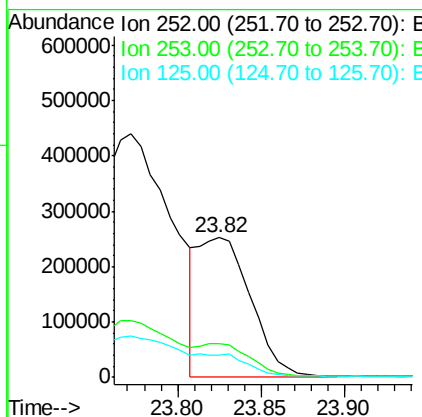
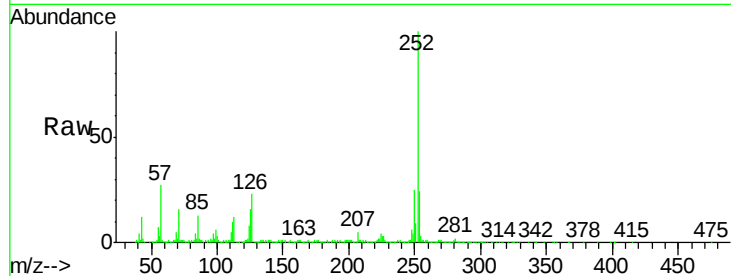
#86
Benzo(k)fluoranthene
Concen: 11.24 ng/ul m
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Instrument :
BNA_G
ClientSampled :
BDC42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	15.9	4.1	6.1

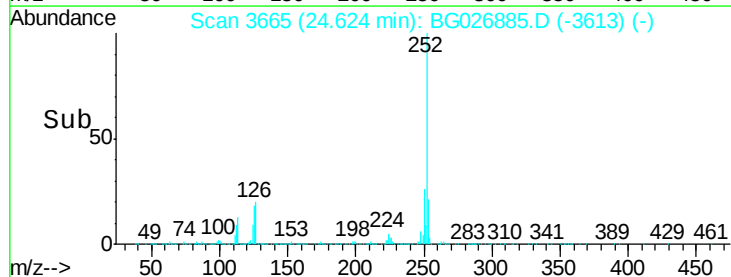
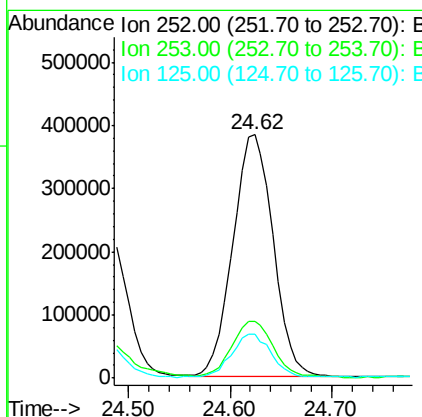
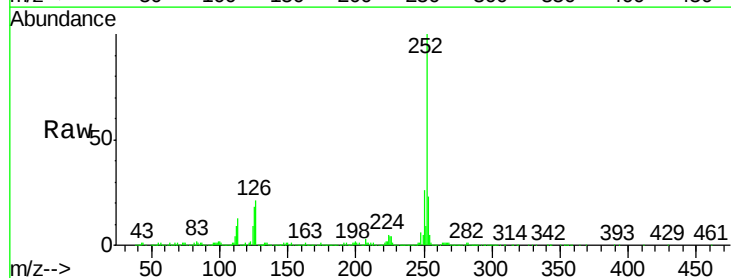
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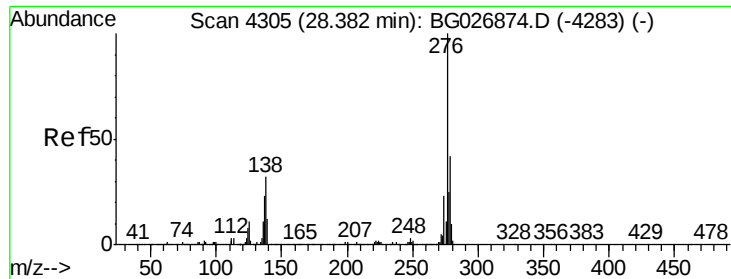
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#88
Benzo(a)pyrene
Concen: 21.30 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG026885.D
Acq: 6 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	18.1	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 10.94 ng/ul

RT: 28.37 min Scan# 4303

Delta R.T. -0.01 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Instrument :

BNA_G

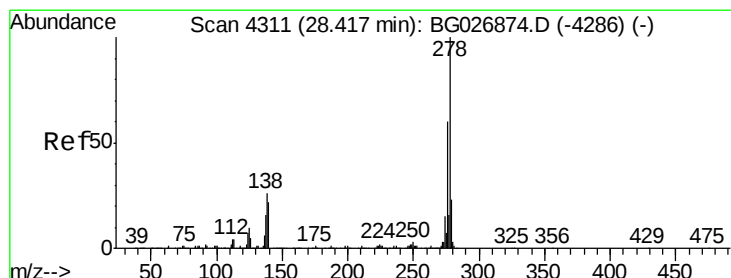
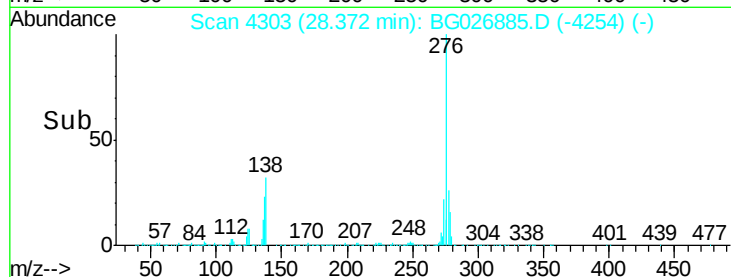
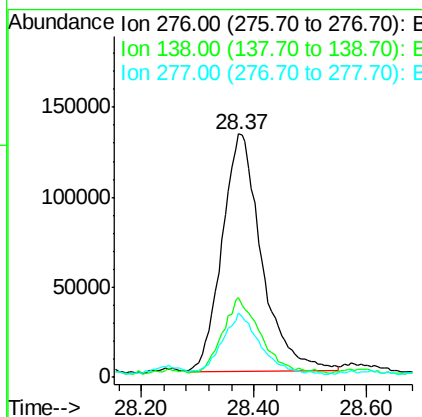
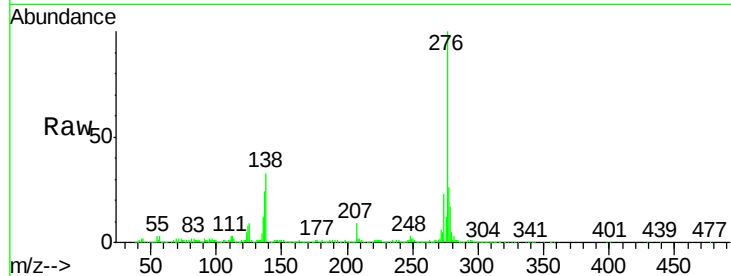
ClientSampleId :

BDC42

Tgt Ion:	276	Resp:	640892
Ion Ratio	Lower	Upper	
276	100		
138	32.6	8.2	12.4#
277	26.3	18.6	28.0

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 3.35 ng/ul

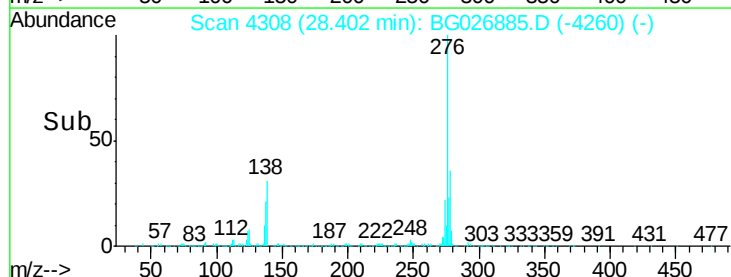
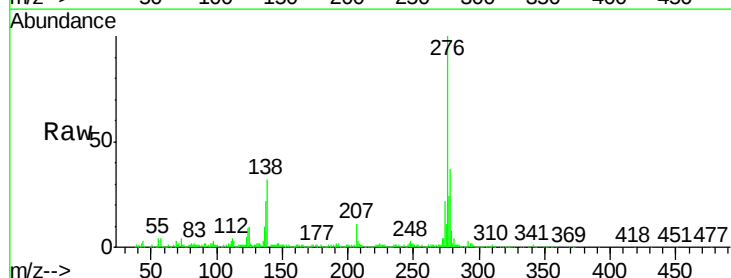
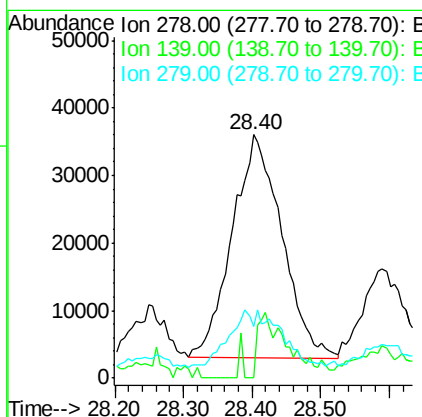
RT: 28.40 min Scan# 4308

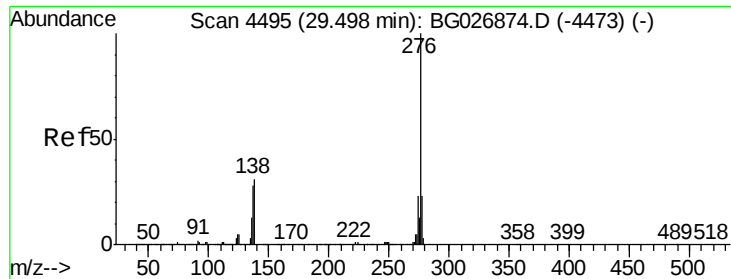
Delta R.T. -0.02 min

Lab File: BG026885.D

Acq: 6 May 2017 16:47

Tgt Ion:	278	Resp:	166262
Ion Ratio	Lower	Upper	
278	100		
139	0.0	6.7	10.1#
279	21.3	20.9	31.3





#91
 Benzo(g,h,i)perylene
 Concen: 10.59 ng/ul
 RT: 29.50 min Scan# 4495
 Delta R.T. 0.00 min
 Lab File: BG026885.D
 Acq: 6 May 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 BDC42

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	30.5	8.6	12.8#	
277	22.5	17.6	26.4	

Manual Integrations
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