

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016188.D
 Acq On : 27 Mar 2015 22:56
 Operator : TP/IZ
 Sample : G1647-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Manual Integrations
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Quant Time: Mar 28 06:44:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 05:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	57721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	256177	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	149844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	304657	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	313439	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	315189	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	151259	29.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	80408	28.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	117708	29.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	110873	28.44	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	65548	32.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	68793	35.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	108355	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	144057	28.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	315050	32.25	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	417127	30.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	60985	26.14	ng/ul	0.00
57) Fluorene-d10	15.41	176	293462	30.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	34152	21.45	ng/ul	0.00
70) Anthracene-d10	17.25	188	417628	30.01	ng/ul	0.00
76) Pyrene-d10	19.54	212	428150	30.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	404261	29.41	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.61	105	7362	1.19	ng/ul	97
28) Naphthalene	10.63	128	31535	2.28	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	59278	6.06	ng/ul	96
40) 1,1'-Biphenyl	13.25	154	19319	1.64	ng/ul#	96
44) Dimethylphthalate	13.87	163	25007	2.26	ng/ul	98
49) Acenaphthene	14.48	153	121500	11.90	ng/ul	98
53) Dibenzofuran	14.81	168	177544	12.88	ng/ul	99
58) Fluorene	15.46	166	155655	12.93	ng/ul	98
69) Phenanthrene	17.20	178	966574	55.81	ng/ul	97
71) Anthracene	17.29	178	285373	16.23	ng/ul	99
72) Carbazole	17.56	167	86171	5.10	ng/ul	98
74) Fluoranthene	19.21	202	846160	43.22	ng/ul	98
77) Pyrene	19.57	202	659965	34.22	ng/ul	100
80) Benzo(a)anthracene	21.31	228	333613	18.79	ng/ul	99
82) Chrysene	21.36	228	264679	15.67	ng/ul	97
85) Benzo(b)fluoranthene	22.93	252	299431	16.55	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	127000m	7.11	ng/ul	
88) Benzo(a)pyrene	23.51	252	230903	12.81	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	133613	6.41	ng/ul	95
90) Dibenzo(a,h)anthracene	25.96	278	36947	2.11	ng/ul	94
91) Benzo(g,h,i)perylene	26.66	276	98833	5.64	ng/ul	99

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

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

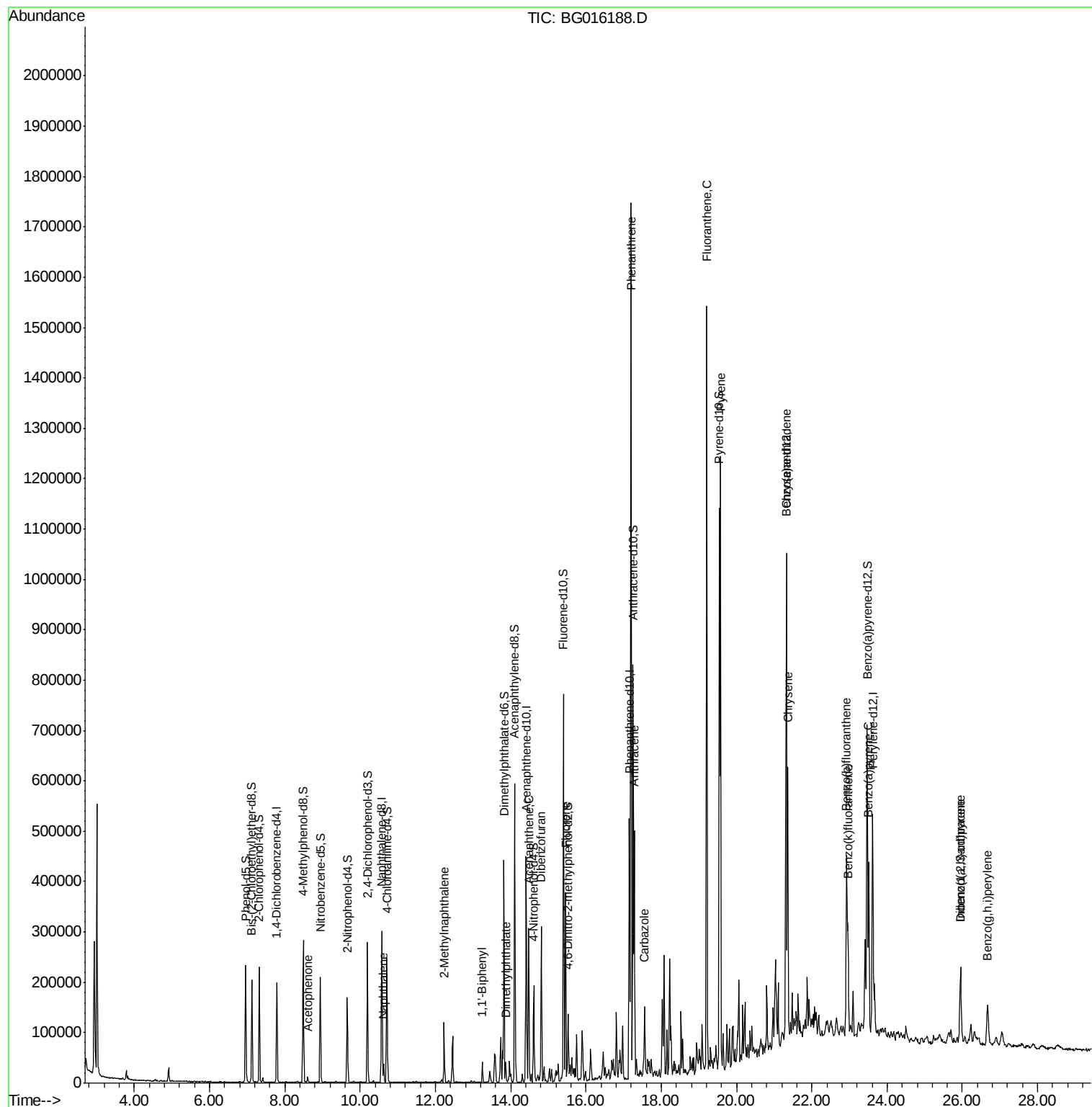
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016188.D
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Sample : G1647-17
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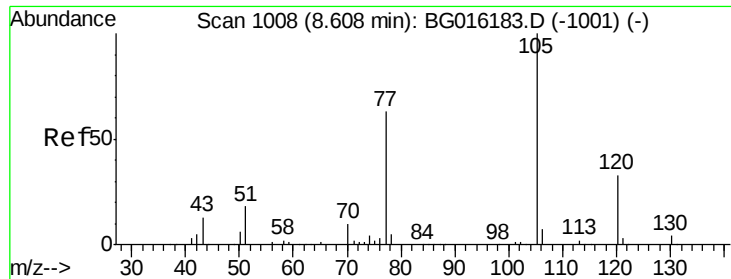
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#14

Acetophenone

Concen: 1.19 ng/ul

RT: 8.61 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BG016188.D

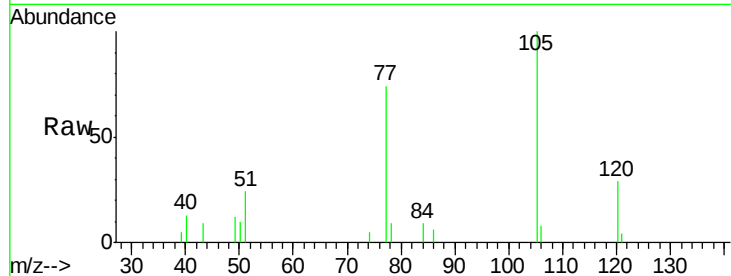
Acq: 27 Mar 2015 22:56

Instrument :

BNA_G

ClientSampleId :

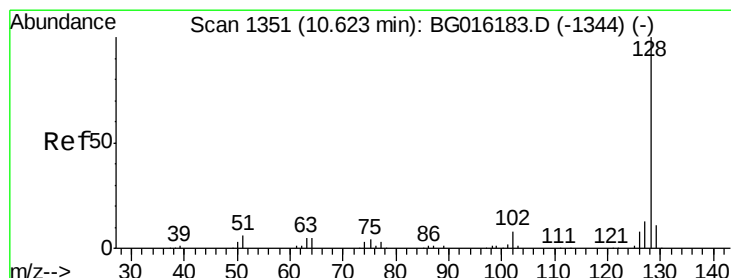
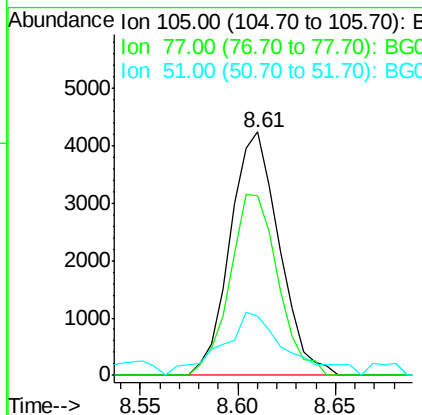
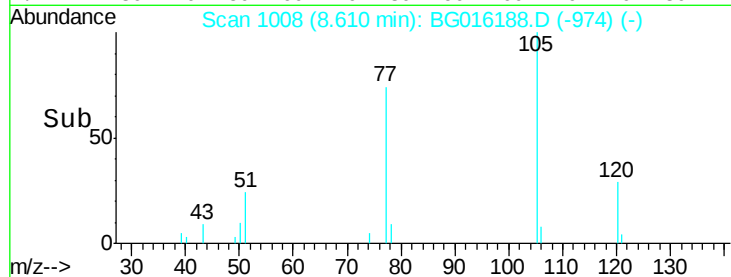
C0AD6



Tgt Ion:	105	Resp:	7362
Ion Ratio	Lower	Upper	
105	100		
77	73.5	57.8	86.8
51	24.3	16.5	24.7

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#28

Naphthalene

Concen: 2.28 ng/ul

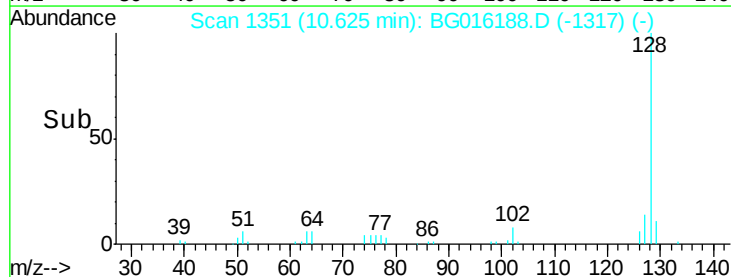
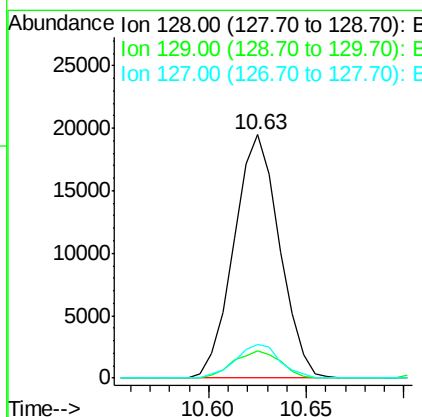
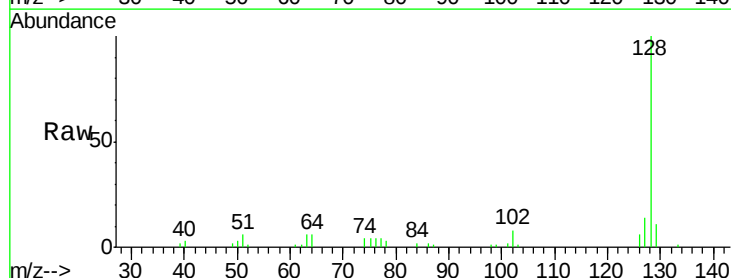
RT: 10.63 min Scan# 1351

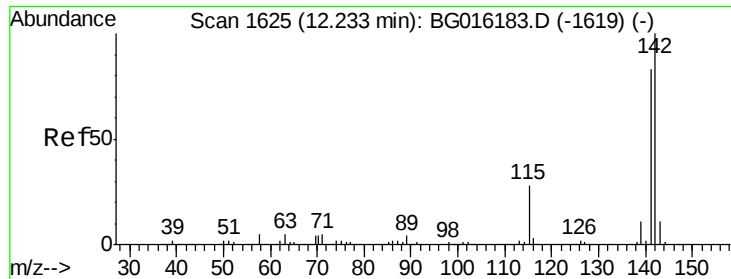
Delta R.T. 0.00 min

Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Tgt Ion:	128	Resp:	31535
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	14.0	10.4	15.6





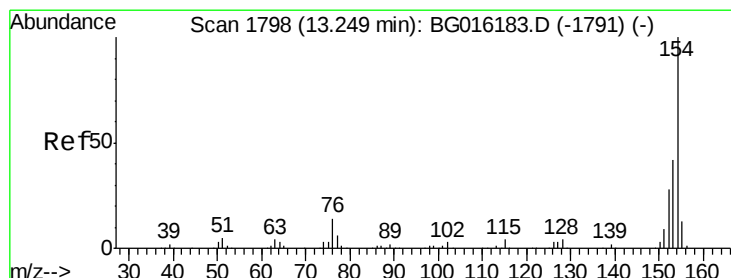
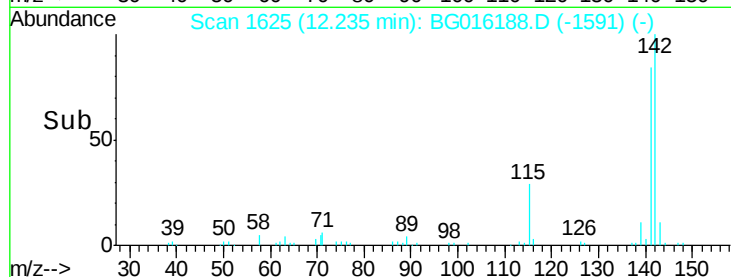
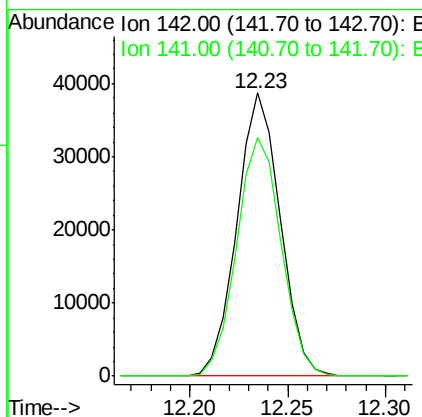
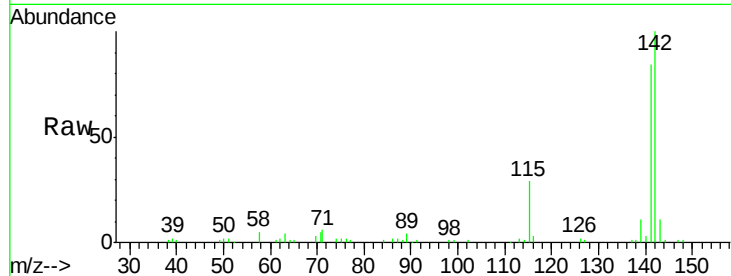
#34
 2-Methylnaphthalene
 Concen: 6.06 ng/ul
 RT: 12.23 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BG016188.D
 Acq: 27 Mar 2015 22:56

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.2	105.2

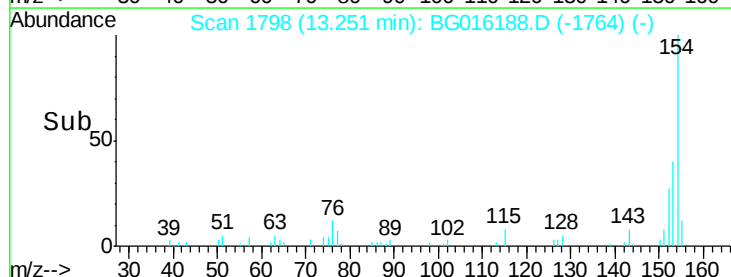
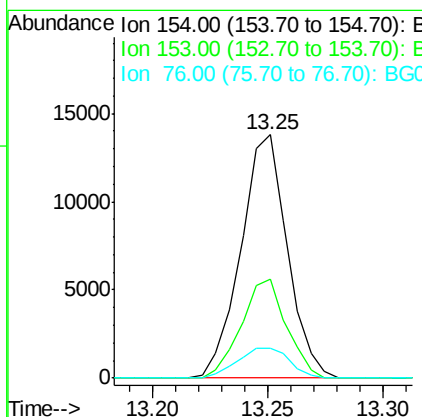
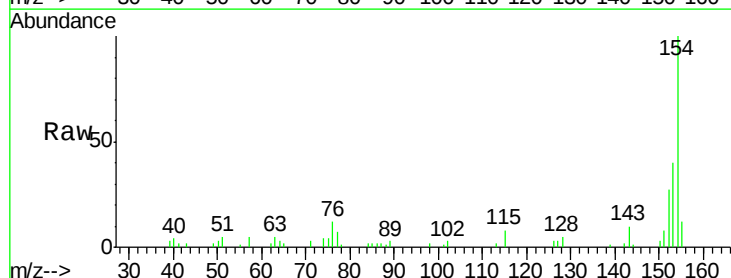
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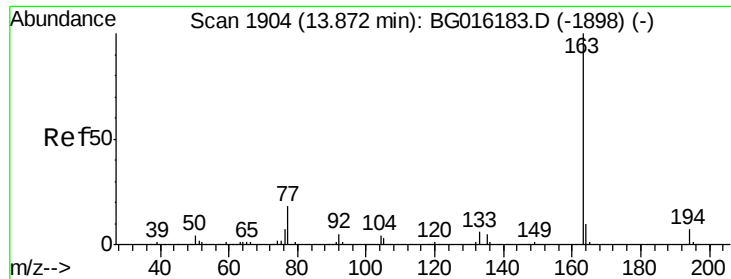
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#40
 1,1'-Biphenyl
 Concen: 1.64 ng/ul
 RT: 13.25 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG016188.D
 Acq: 27 Mar 2015 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	33.9	50.9
76	12.3	12.6	19.0#





#44

Dimethylphthalate

Concen: 2.26 ng/ul

RT: 13.87 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG016188.D

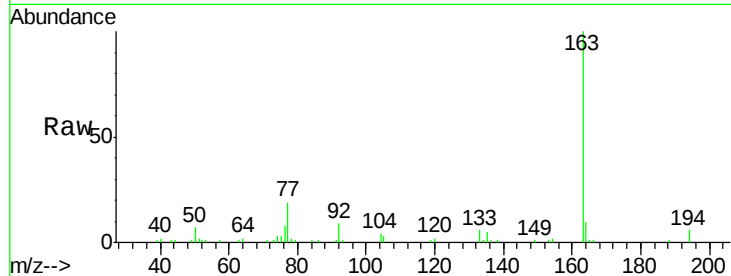
Acq: 27 Mar 2015 22:56

Instrument :

BNA_G

ClientSampled :

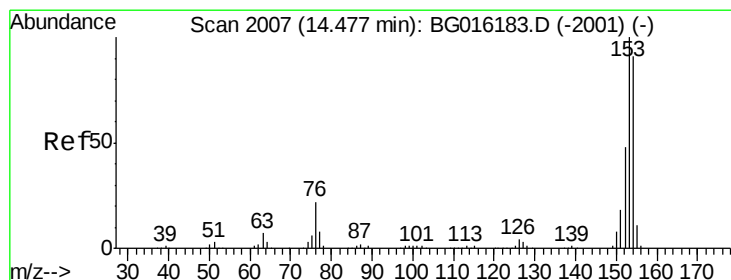
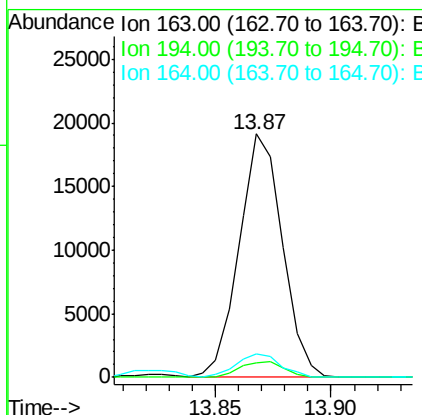
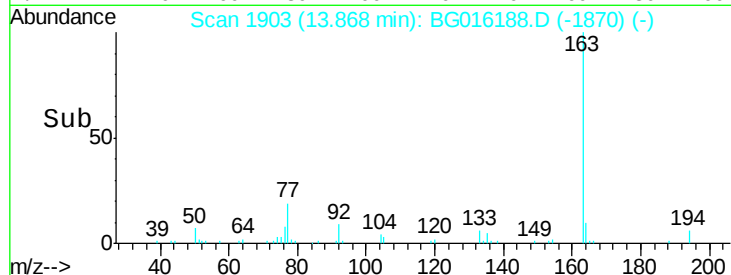
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Tgt Ion:	163	Resp:	25007
Ion Ratio	Lower	Upper	
163	100		
194	5.7	5.4	8.0
164	9.5	8.2	12.4

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#49

Acenaphthene

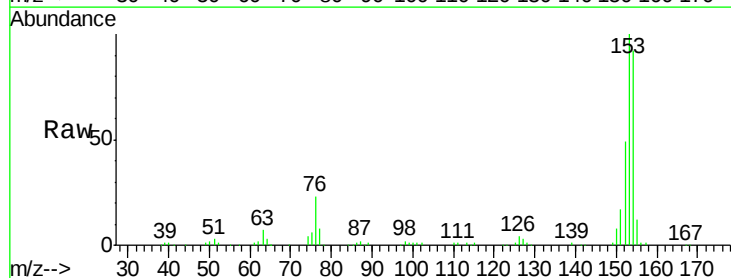
Concen: 11.90 ng/ul

RT: 14.48 min Scan# 2007

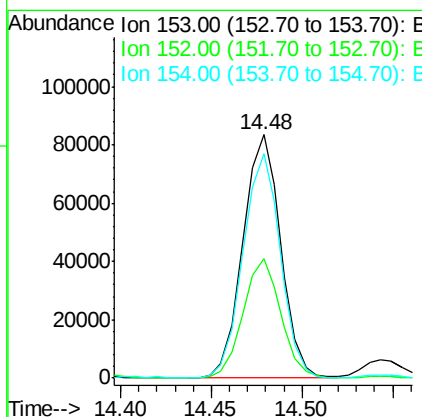
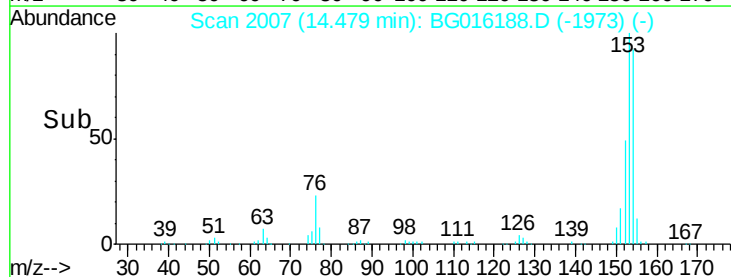
Delta R.T. 0.00 min

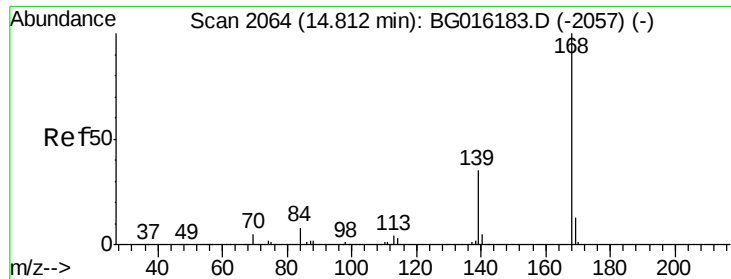
Lab File: BG016188.D

Acq: 27 Mar 2015 22:56



Tgt Ion:	153	Resp:	121500
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.4	56.2
154	92.2	74.4	111.6





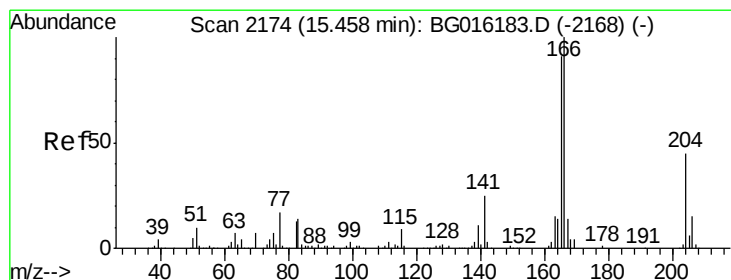
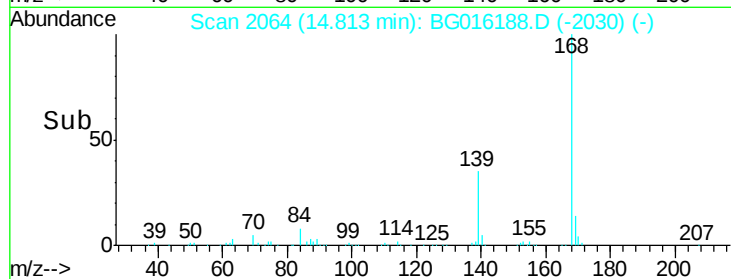
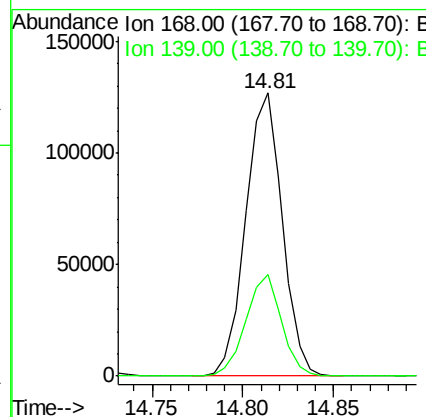
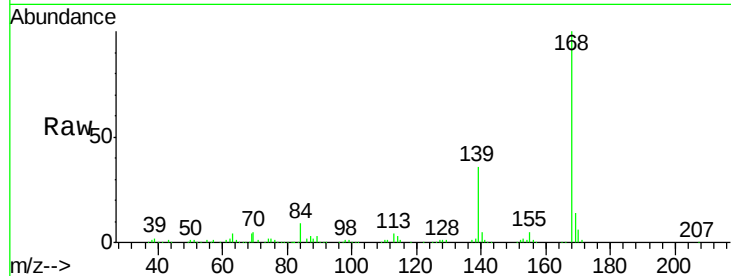
#53
Dibenzenofuran
Concen: 12.88 ng/ul
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C0AD6

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.1	43.7

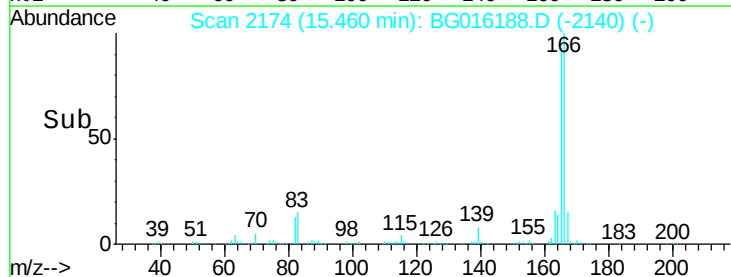
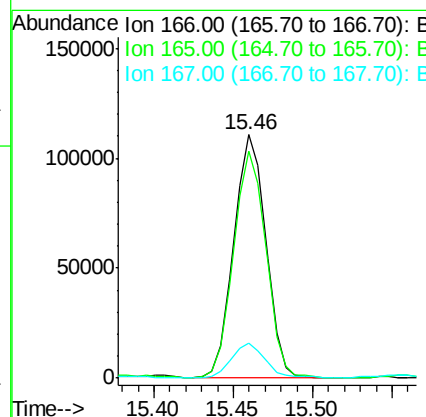
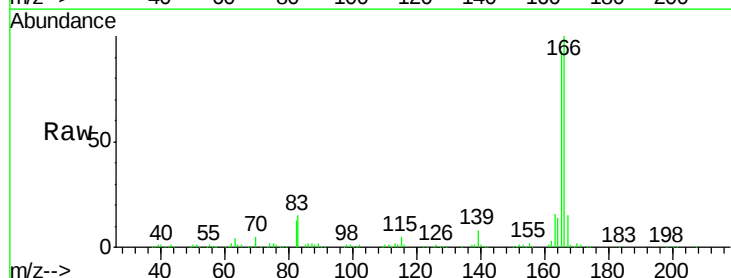
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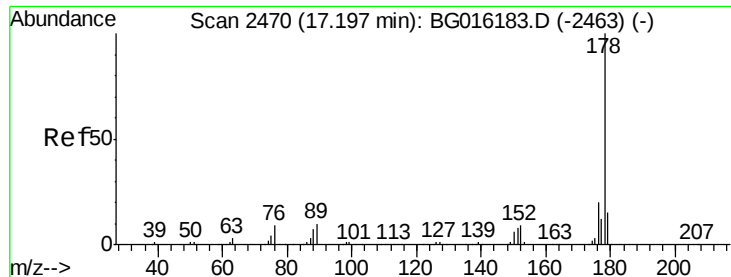
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#58
Fluorene
Concen: 12.93 ng/ul
RT: 15.46 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	76.1	114.1
167	14.6	10.5	15.7





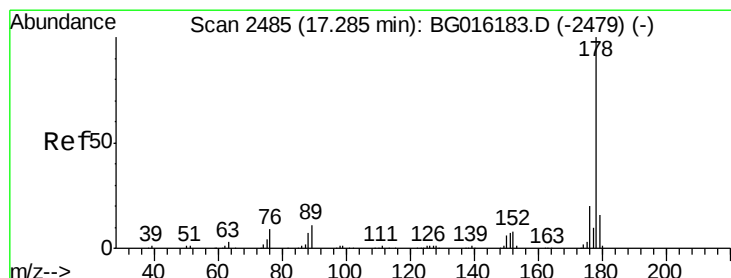
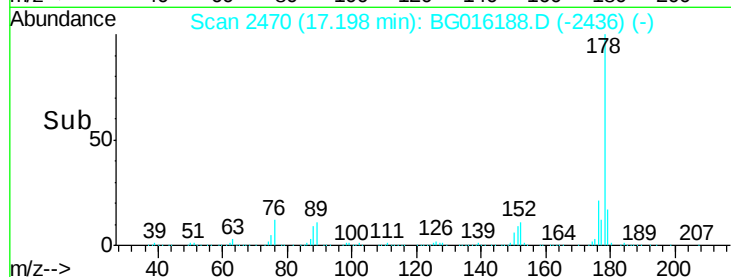
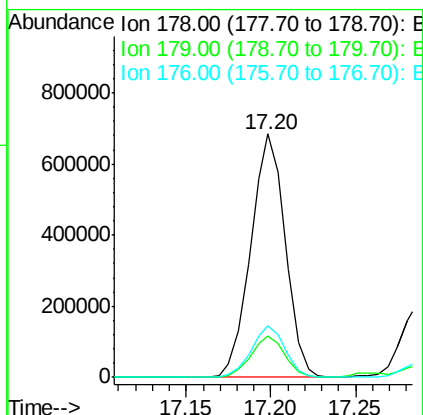
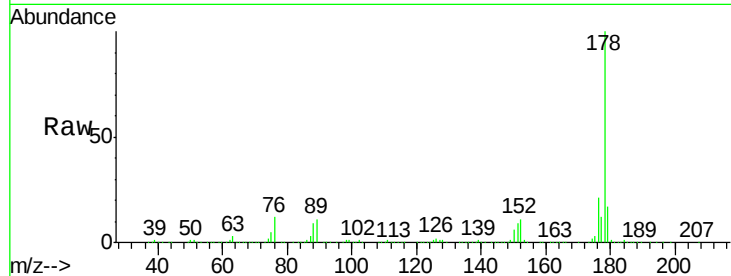
#69
Phenanthrene
Concen: 55.81 ng/ul
RT: 17.20 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C0AD6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	21.0	15.6	23.4

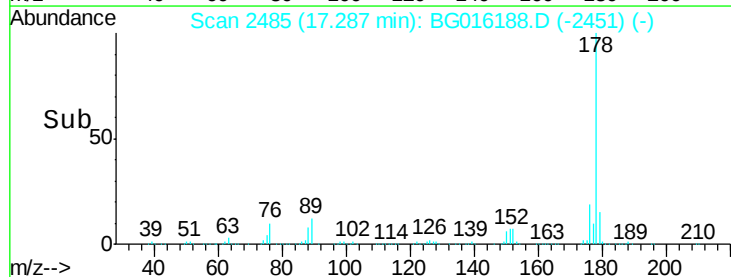
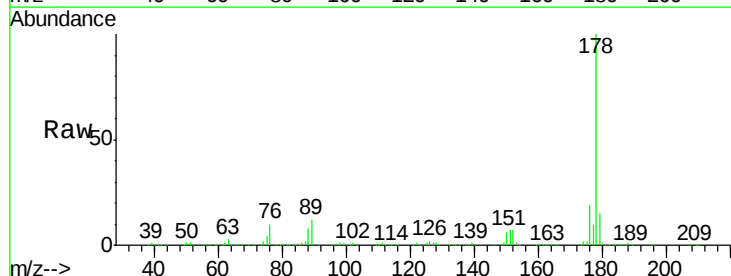
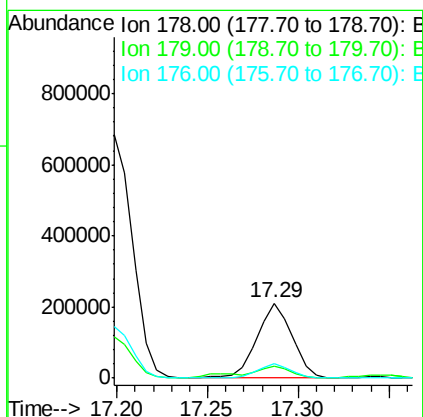
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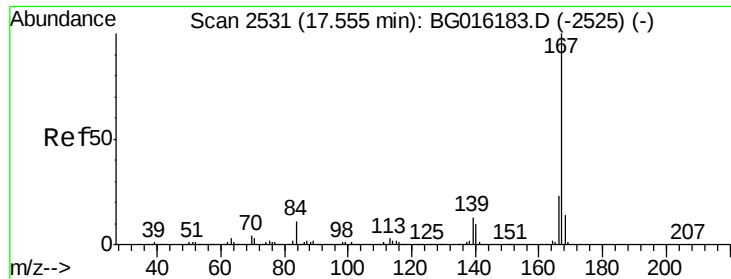
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#71
Anthracene
Concen: 16.23 ng/ul
RT: 17.29 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	18.8	15.3	22.9





#72

Carbazole

Concen: 5.10 ng/ul

RT: 17.56 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Instrument :

BNA_G

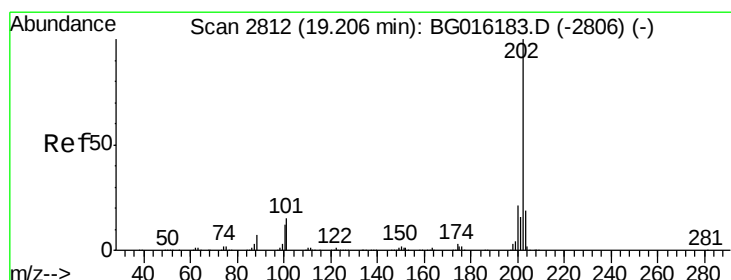
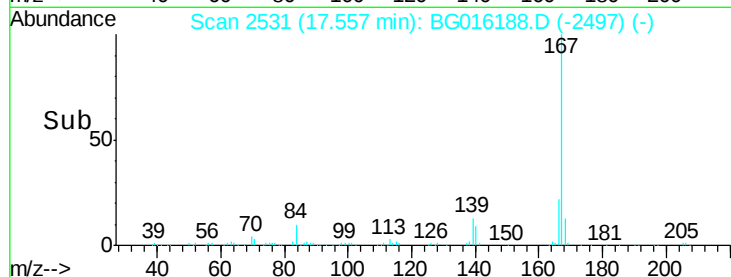
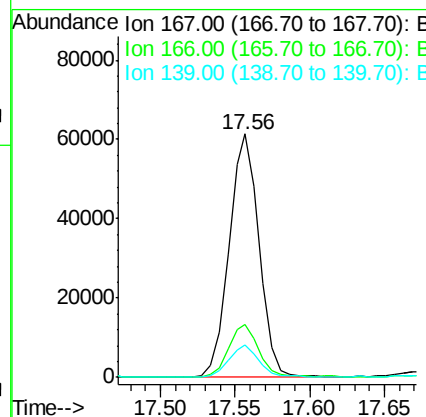
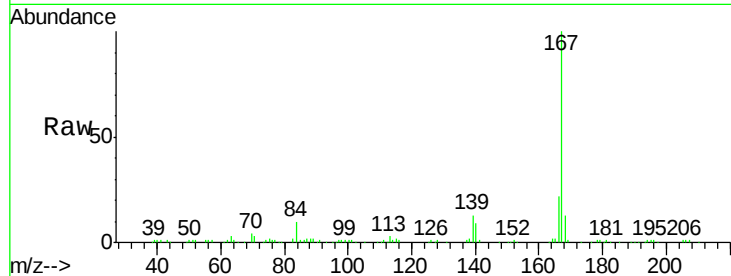
ClientSampleId :

C0AD6

Tgt Ion:	167	Resp:	86171
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.2	27.2
139	13.1	10.0	15.0

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#74

Fluoranthene

Concen: 43.22 ng/ul

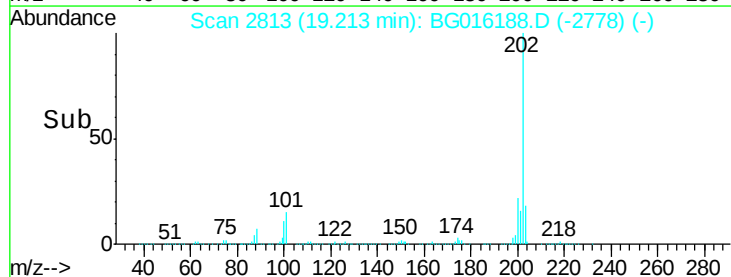
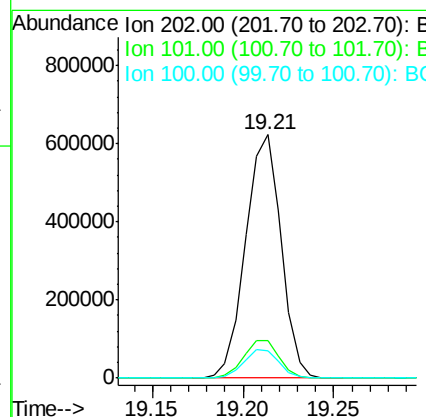
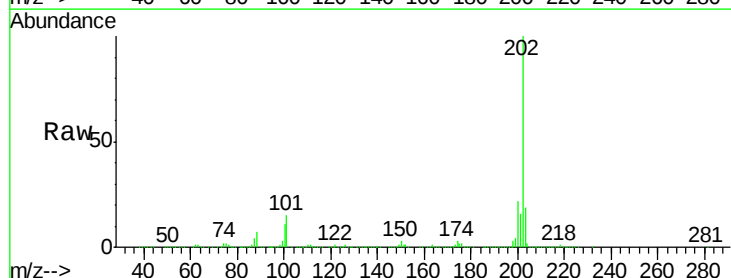
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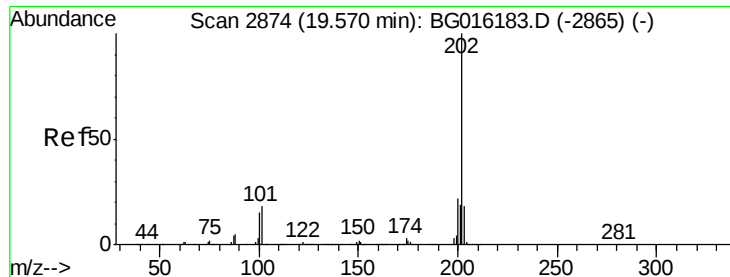
Delta R.T. 0.01 min

Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Tgt Ion:	202	Resp:	846160
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.9	19.3
100	11.2	9.4	14.2





#77

Pyrene

Concen: 34.22 ng/ul

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Instrument :

BNA_G

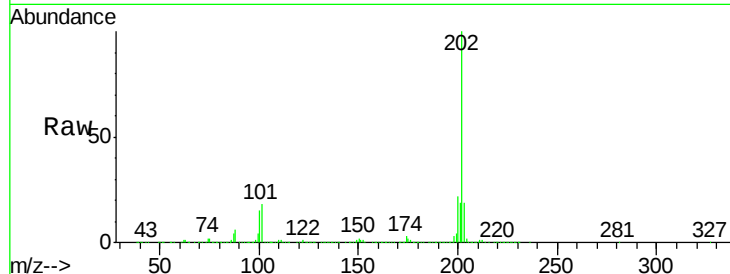
ClientSampleId :

C0AD6

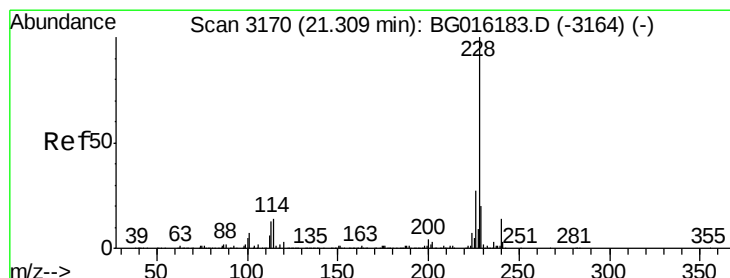
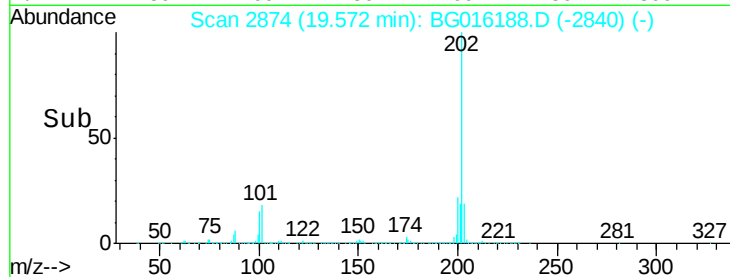
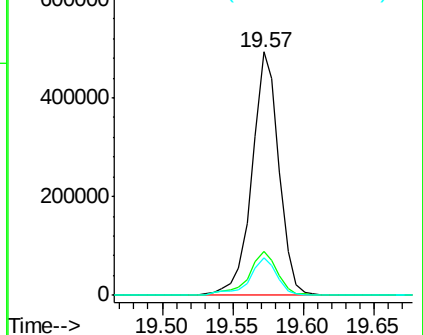
Tgt	Ion	202	Resp:	659965
Ion	Ratio		Lower	Upper
202	100			
101	18.1	14.6	21.8	
100	15.2	12.1	18.1	

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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: 18.79 ng/ul

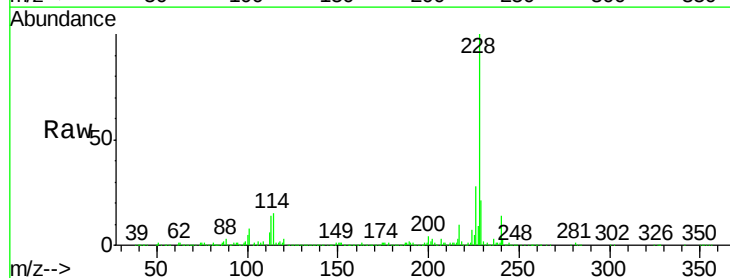
RT: 21.31 min Scan# 3170

Delta R.T. 0.00 min

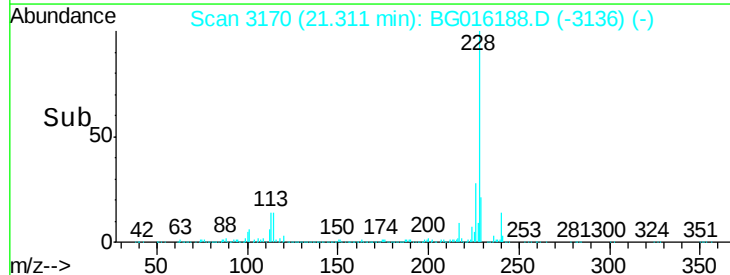
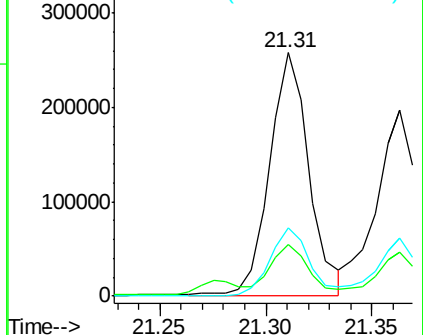
Lab File: BG016188.D

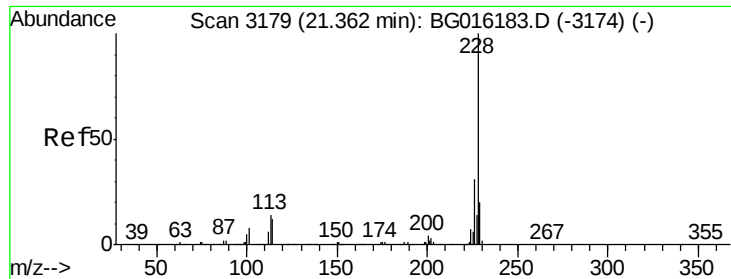
Acq: 27 Mar 2015 22:56

Tgt	Ion	228	Resp:	333613
Ion	Ratio		Lower	Upper
228	100			
229	21.2	16.2	24.4	
226	28.3	22.4	33.6	



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: 15.67 ng/ul

RT: 21.36 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Instrument :

BNA_G

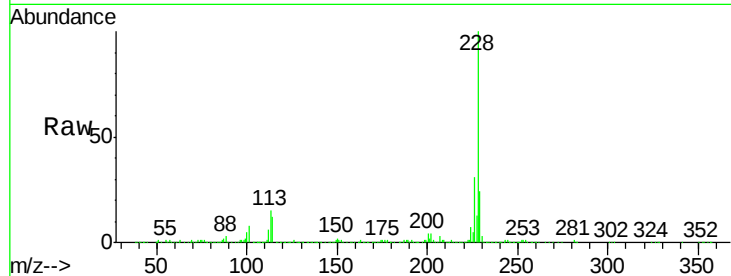
ClientSampleId :

C0AD6

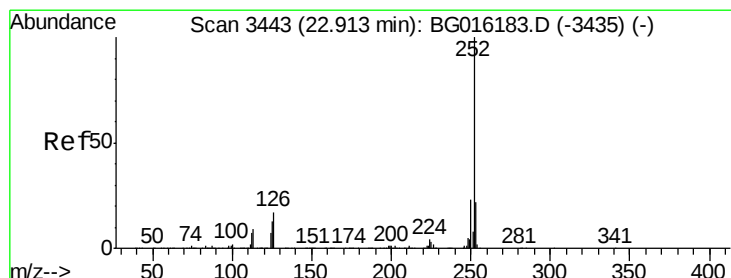
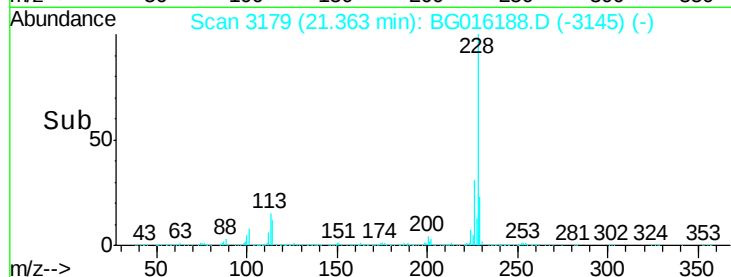
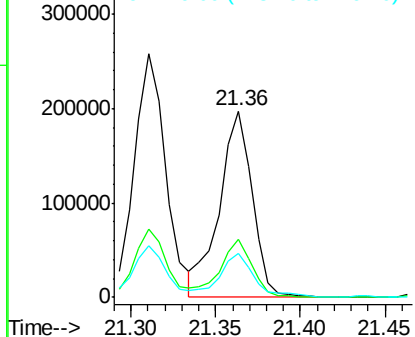
Tgt Ion:	228	Resp:	264679
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	36.8
229	23.6	16.6	25.0

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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



#85

Benzo(b)fluoranthene

Concen: 16.55 ng/ul

RT: 22.93 min Scan# 3445

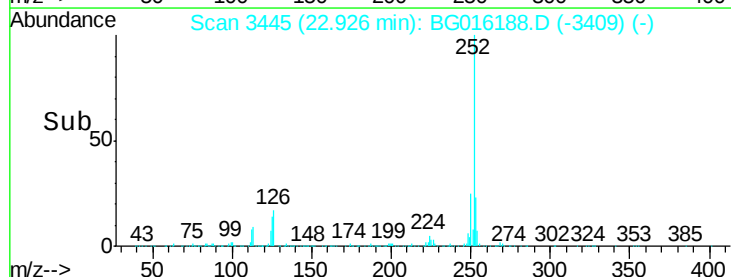
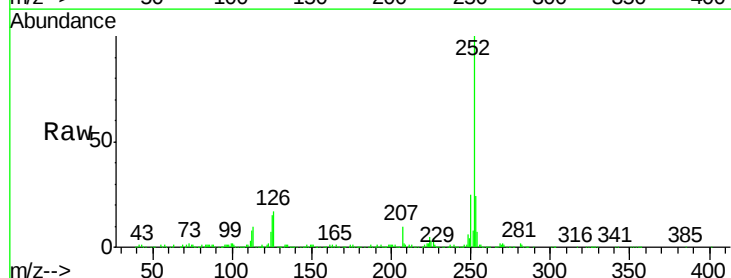
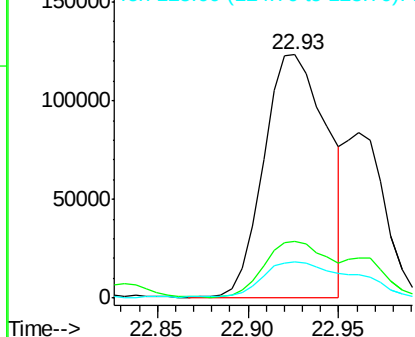
Delta R.T. 0.01 min

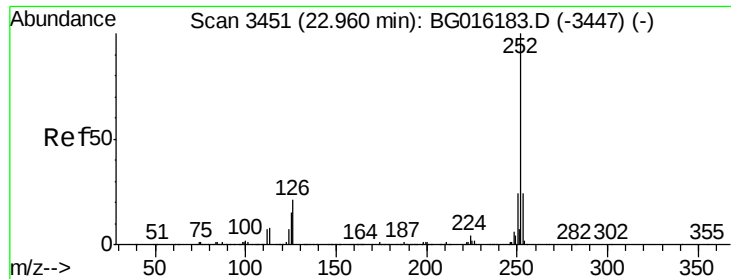
Lab File: BG016188.D

Acq: 27 Mar 2015 22:56

Tgt Ion:	252	Resp:	299431
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	14.8	11.0	16.6

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





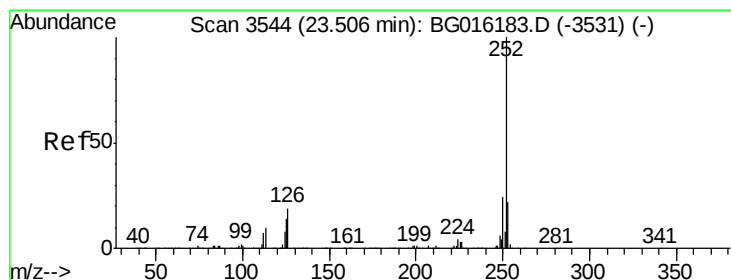
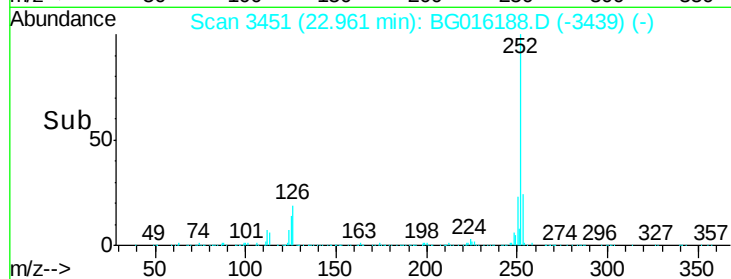
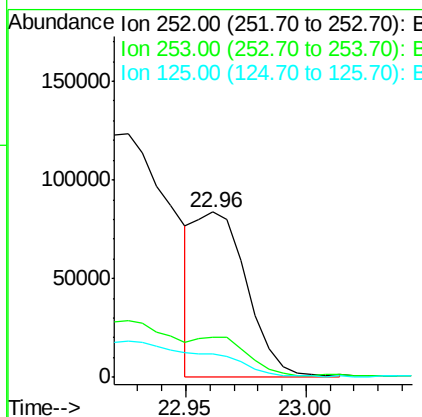
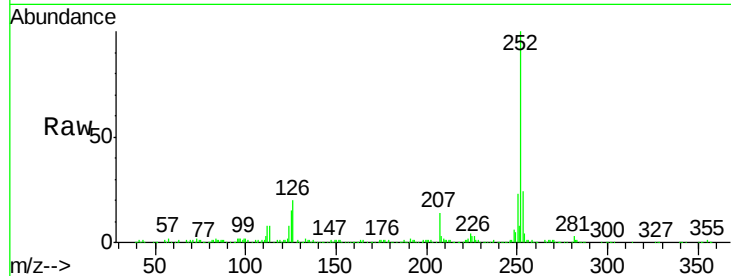
#86
Benzo(k)fluoranthene
Concen: 7.11 ng/ul m
RT: 22.96 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C0AD6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	14.5	10.7	16.1

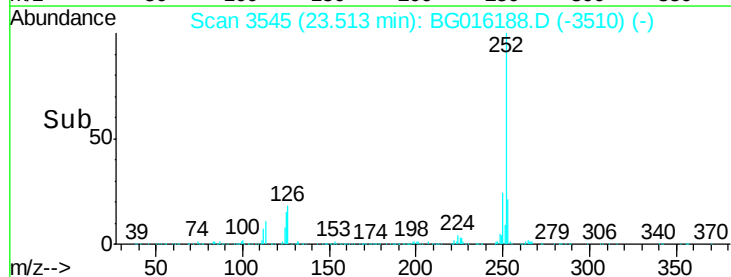
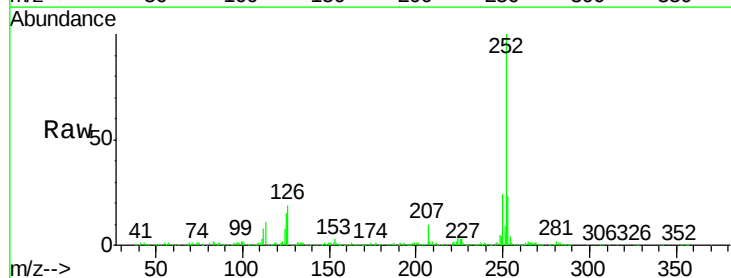
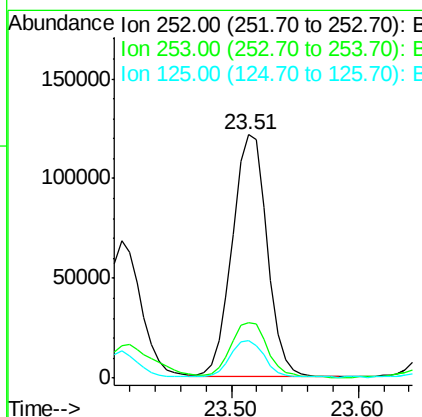
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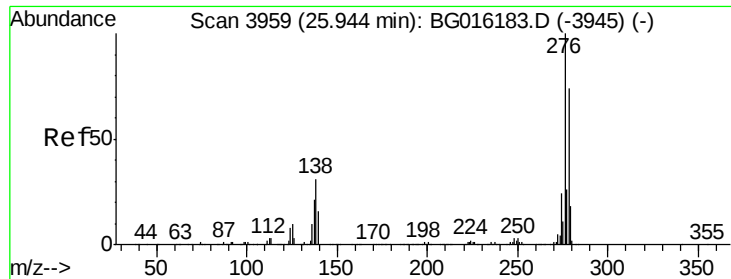
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#88
Benzo(a)pyrene
Concen: 12.81 ng/ul
RT: 23.51 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG016188.D
Acq: 27 Mar 2015 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	15.4	11.5	17.3





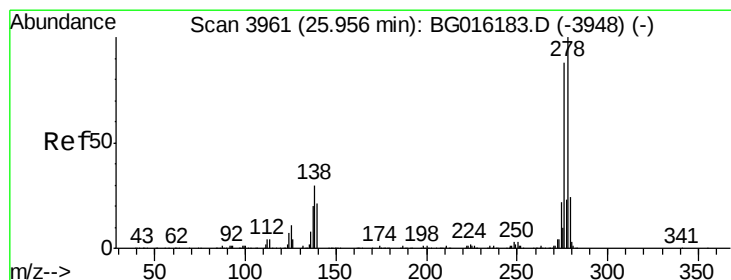
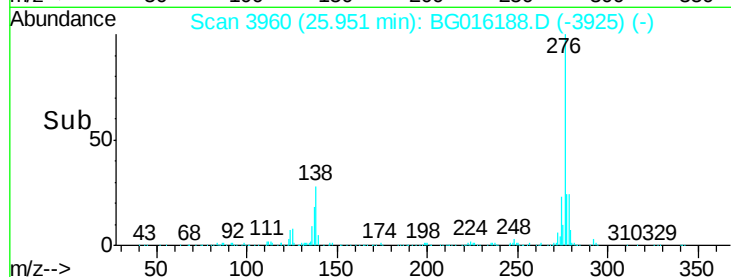
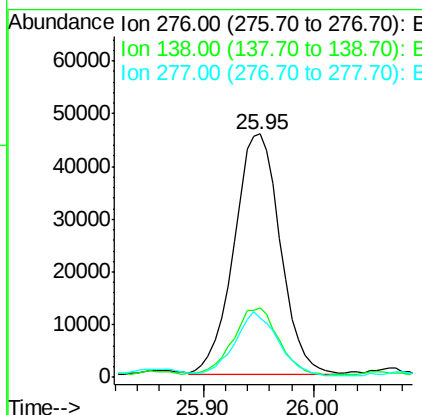
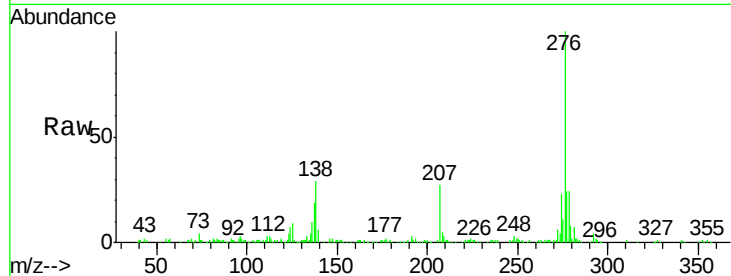
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 6.41 ng/ul
 RT: 25.95 min Scan# 3960
 Delta R.T. 0.01 min
 Lab File: BG016188.D
 Acq: 27 Mar 2015 22:56

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	133613		
138	28.5	26.1	39.1	
277	24.2	20.0	30.0	

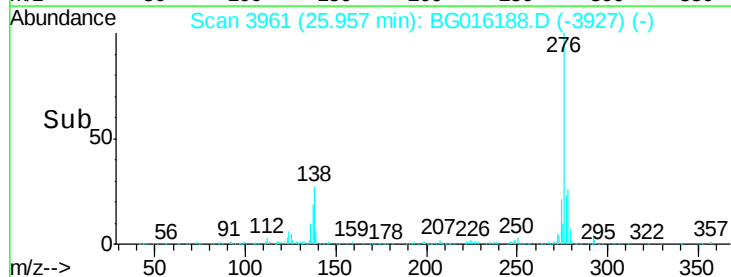
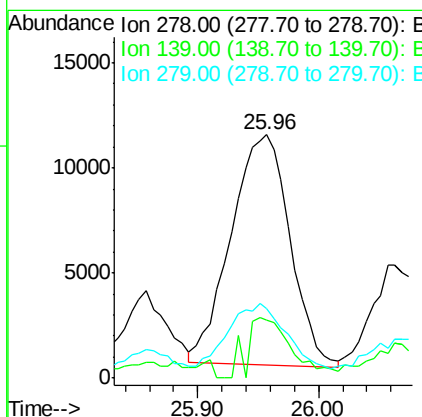
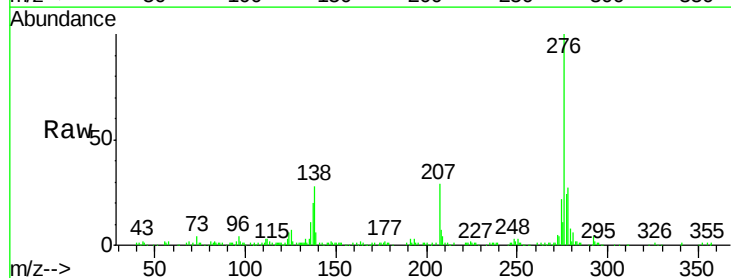
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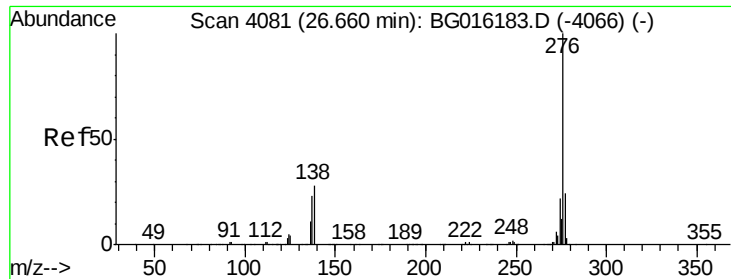
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.11 ng/ul
 RT: 25.96 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: BG016188.D
 Acq: 27 Mar 2015 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	36947		
139	23.7	17.8	26.6	
279	28.4	19.3	28.9	





#91
 Benzo(g,h,i)perylene
 Concen: 5.64 ng/ul
 RT: 26.66 min Scan# 4081
 Delta R.T. 0.00 min
 Lab File: BG016188.D
 Acq: 27 Mar 2015 22:56

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.0	33.0
277	24.7	19.0	28.4

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