

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016178.D
 Acq On : 27 Mar 2015 16:35
 Operator : TP/IZ
 Sample : G1647-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2MSD

Manual Integrations
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Quant Time: Mar 28 05:56:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 03:20:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	236223	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	146972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	312308	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	324055	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	314906	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	122914	27.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	64611	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	96480	27.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	95238	27.76	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	52655	28.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	56387	31.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	89457	26.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	129552	28.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	275237	28.72	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	361130	27.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	56581	24.72	ng/ul	0.00
57) Fluorene-d10	15.40	176	257891	26.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	28337	17.36	ng/ul	0.00
70) Anthracene-d10	17.25	188	384096	26.92	ng/ul	0.00
76) Pyrene-d10	19.54	212	407154	28.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	360162	26.22	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.99	94	127215	25.46	ng/ul	100
10) 2-Chlorophenol	7.36	128	94939	25.34	ng/ul	98
14) Acetophenone	8.61	105	8529	1.57	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.59	70	70517	23.98	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	100610	27.00	ng/ul	96
44) Dimethylphthalate	13.87	163	24968	2.30	ng/ul	98
49) Acenaphthene	14.48	153	246030	24.58	ng/ul	99
52) 4-Nitrophenol	14.63	109	29095	23.27	ng/ul	93
54) 2,4-Dinitrotoluene	14.77	165	84666	26.10	ng/ul	100
68) Pentachlorophenol	16.80	266	40497	20.30	ng/ul	97
74) Fluoranthene	19.20	202	39045	1.95	ng/ul	98
77) Pyrene	19.57	202	569974	28.59	ng/ul	99
80) Benzo(a)anthracene	21.31	228	44610	2.43	ng/ul	95
82) Chrysene	21.36	228	40670	2.33	ng/ul	97
85) Benzo(b)fluoranthene	22.92	252	105501	5.84	ng/ul	97
86) Benzo(k)fluoranthene	22.95	252	36386m	2.04	ng/ul	
88) Benzo(a)pyrene	23.50	252	77675	4.31	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.94	276	59186	2.84	ng/ul	94
91) Benzo(g,h,i)perylene	26.65	276	45704	2.61	ng/ul	99

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

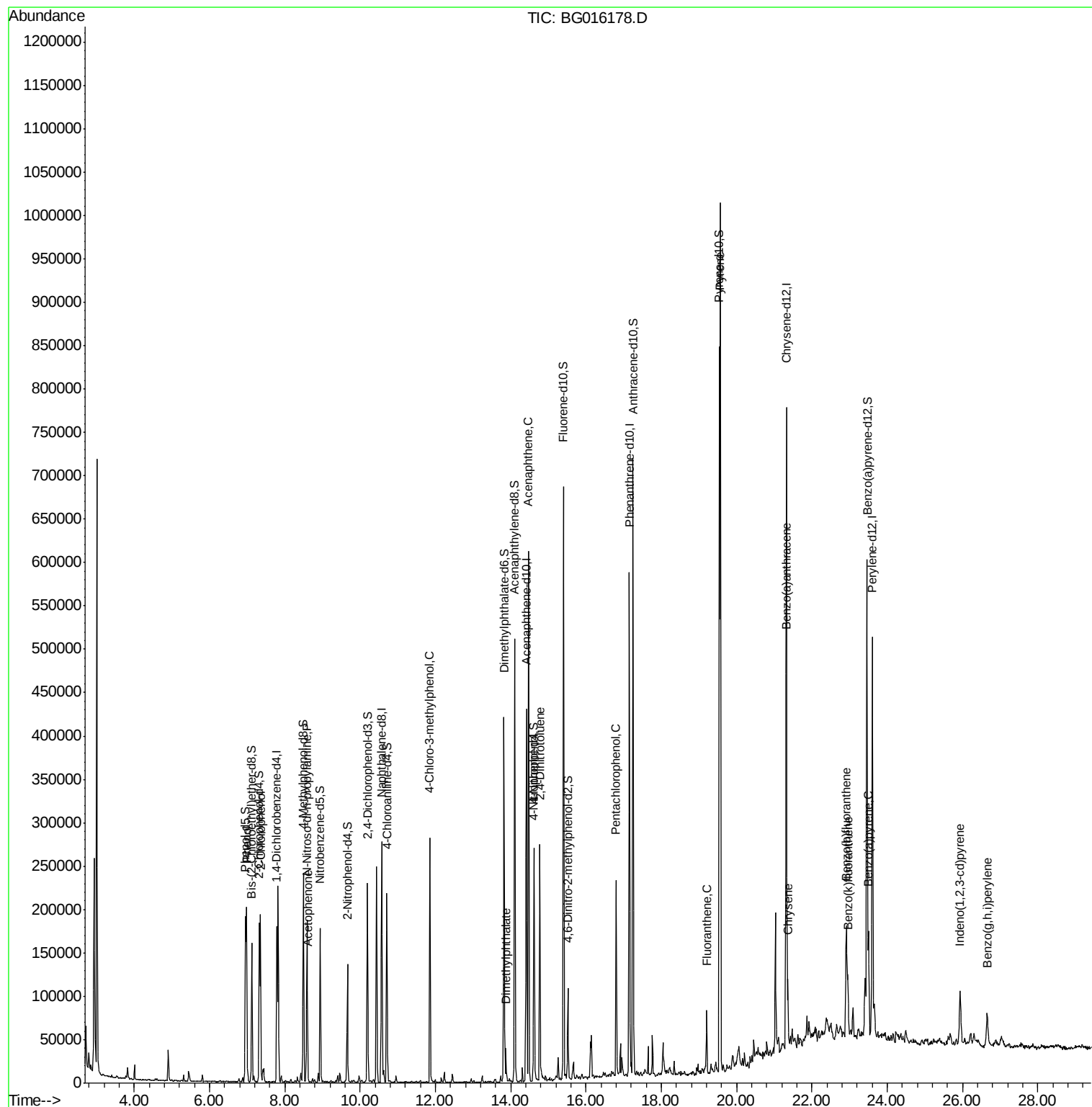
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016178.D
Acq On : 27 Mar 2015 16:35
Operator : TP/IZ
Sample : G1647-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

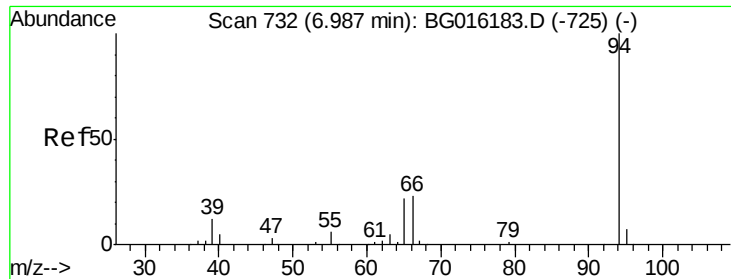
Instrument :
BNA_G
ClientSampleId :
C0AC2MSD

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Quant Time: Mar 28 05:56:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 03:20:39 2015
Response via : Initial Calibration





#6

Phenol

Concen: 25.46 ng/ul

RT: 6.99 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

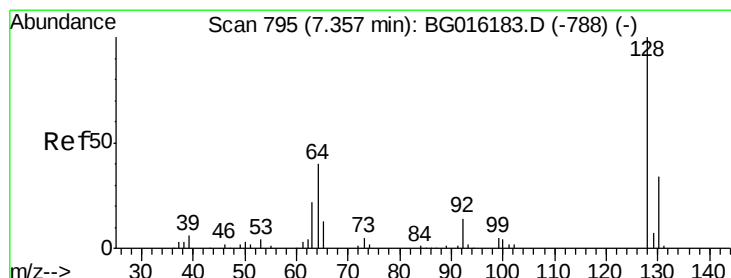
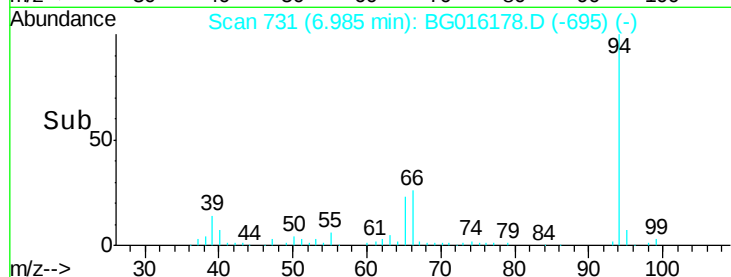
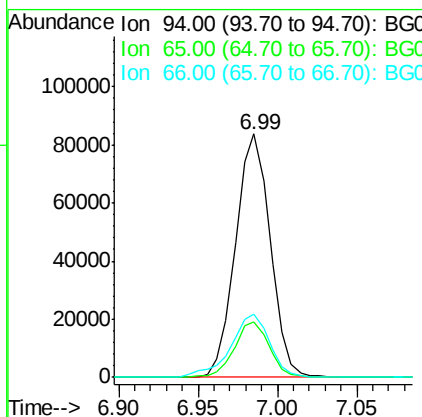
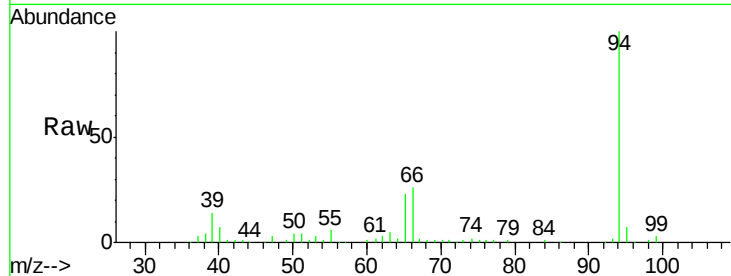
ClientSampleId :

C0AC2MSD

Tgt Ion:	94	Resp:	127215
Ion Ratio	Lower	Upper	
94	100		
65	23.0	18.4	27.6
66	26.2	21.1	31.7

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#10

2-Chlorophenol

Concen: 25.34 ng/ul

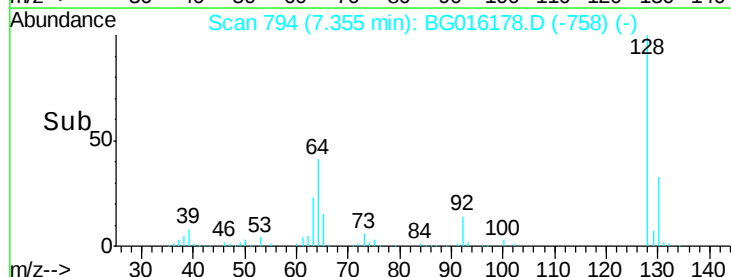
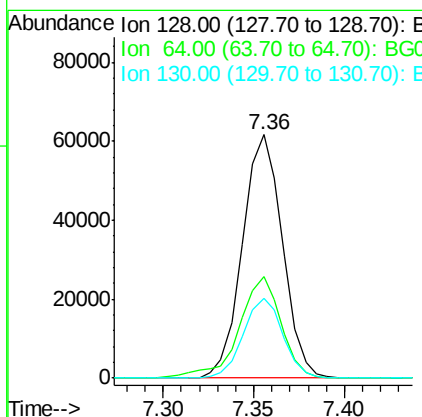
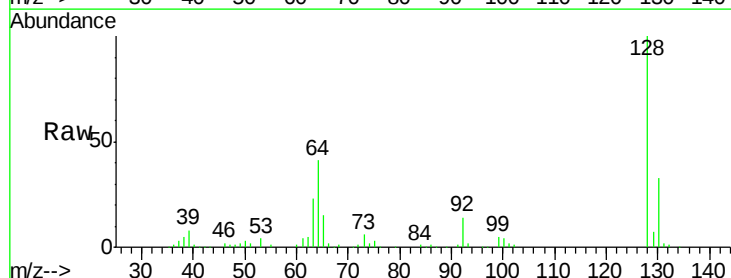
RT: 7.36 min Scan# 794

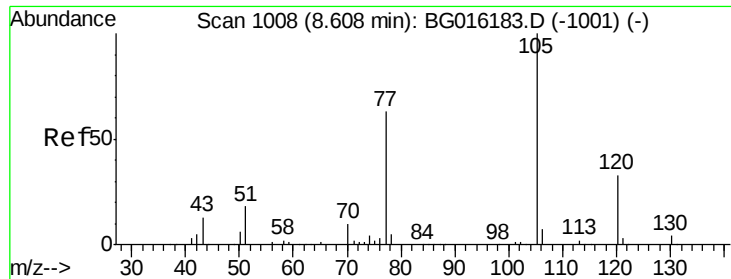
Delta R.T. 0.01 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Tgt Ion:	128	Resp:	94939
Ion Ratio	Lower	Upper	
128	100		
64	41.5	34.1	51.1
130	32.9	25.3	37.9





#14

Acetophenone

Concen: 1.57 ng/ul

RT: 8.61 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG016178.D

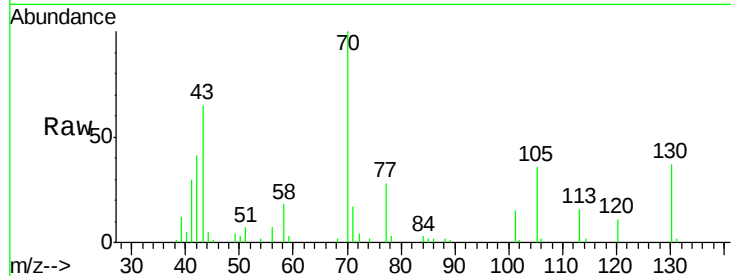
Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

ClientSampleId :

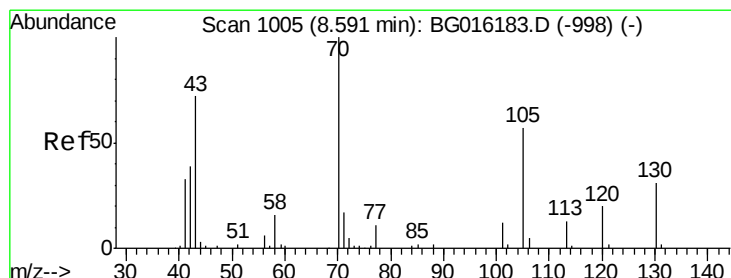
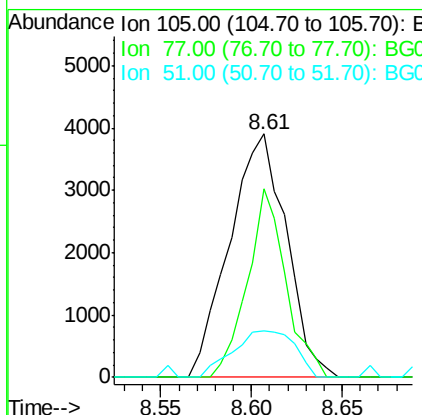
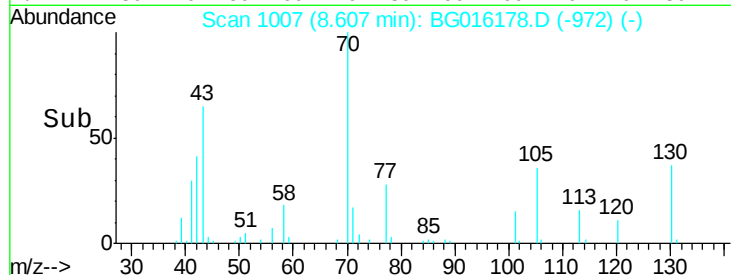
C0AC2MSD



Tgt Ion:	105	Resp:	8529
Ion Ratio	Lower	Upper	
105	100		
77	77.2	57.8	86.8
51	18.9	16.5	24.7

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#15

N-Nitroso-di-n-propylamine

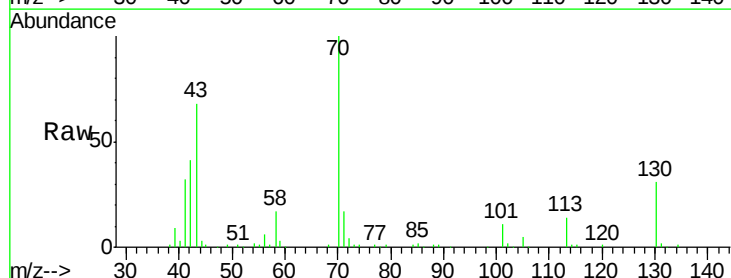
Concen: 23.98 ng/ul

RT: 8.59 min Scan# 1004

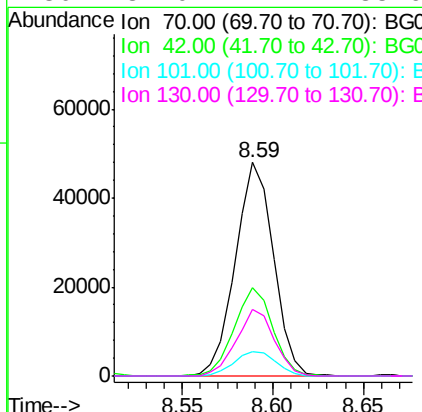
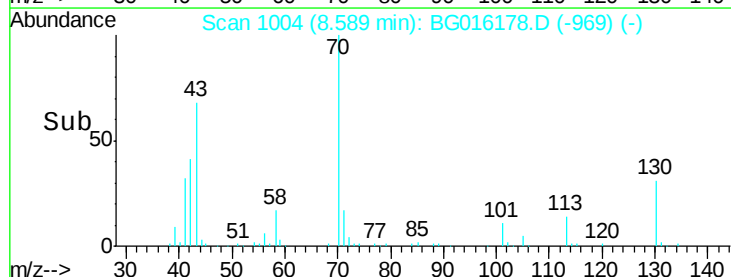
Delta R.T. 0.00 min

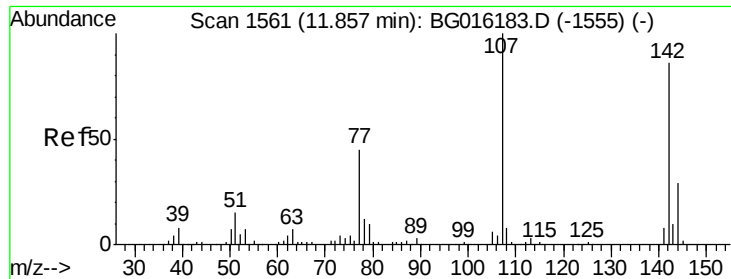
Lab File: BG016178.D

Acq: 27 Mar 2015 16:35



Tgt Ion:	70	Resp:	70517
Ion Ratio	Lower	Upper	
70	100		
42	41.2	33.7	50.5
101	11.2	9.3	13.9
130	31.0	22.4	33.6





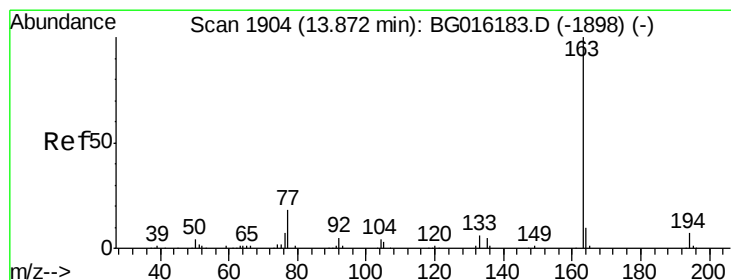
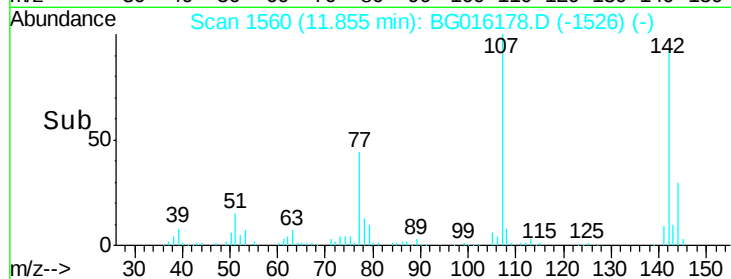
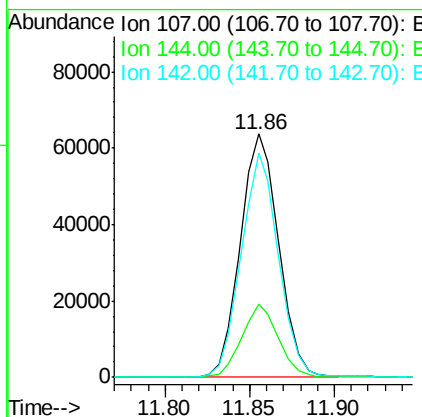
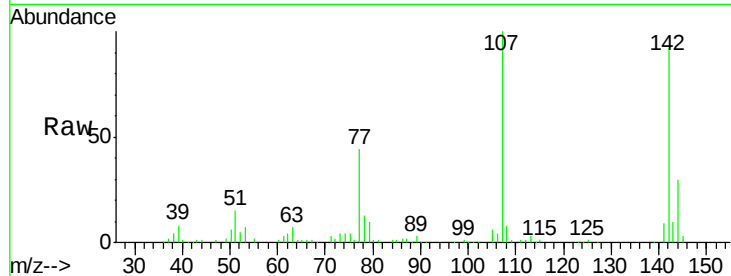
#33
 4-Chloro-3-methylphenol
 Concen: 27.00 ng/ul
 RT: 11.86 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BG016178.D
 Acq: 27 Mar 2015 16:35

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	100610		
144	30.4	23.8	35.8	
142	92.3	69.8	104.6	

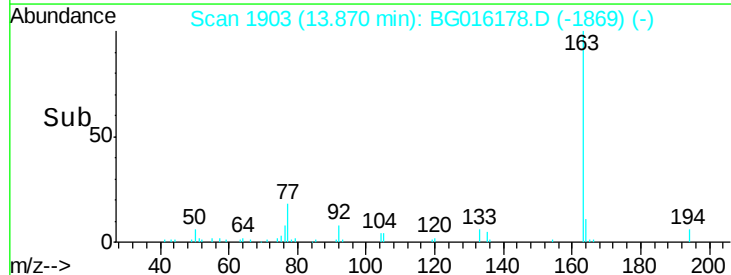
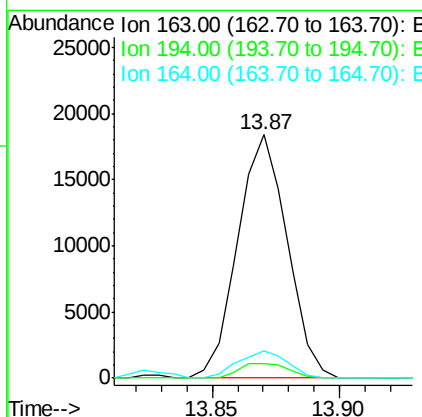
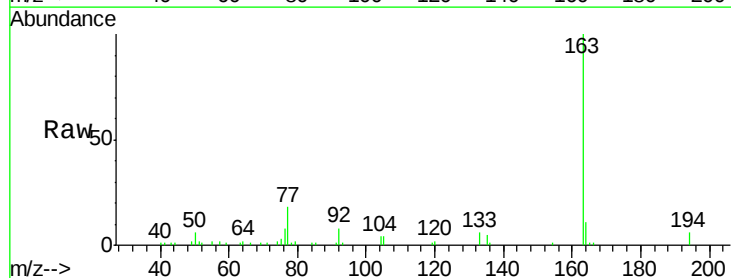
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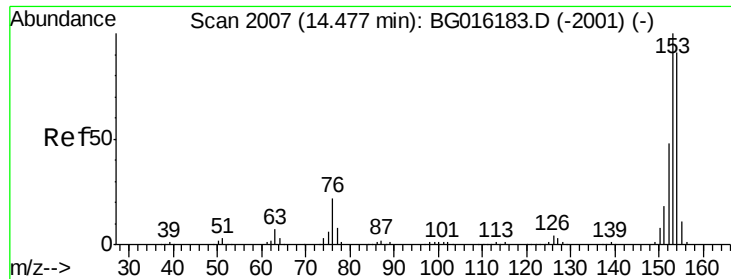
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#44
 Dimethylphthalate
 Concen: 2.30 ng/ul
 RT: 13.87 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BG016178.D
 Acq: 27 Mar 2015 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	24968		
194	6.0	5.4	8.0	
164	11.2	8.2	12.4	





#49

Acenaphthene

Concen: 24.58 ng/ul

RT: 14.48 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG016178.D

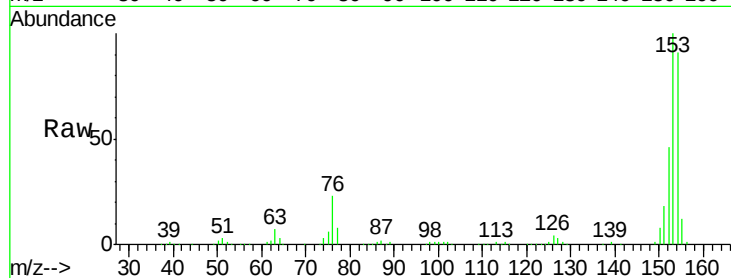
Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

ClientSampleId :

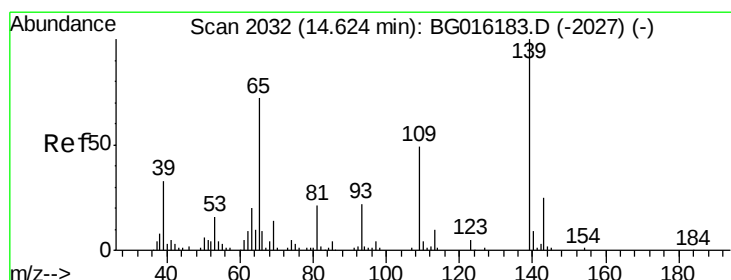
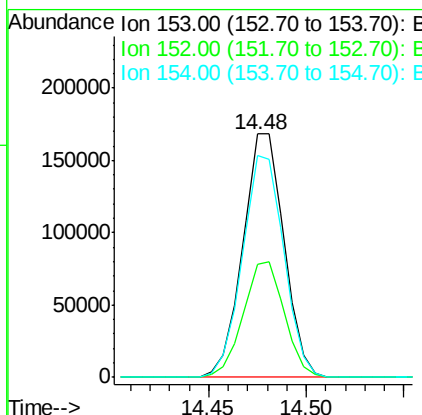
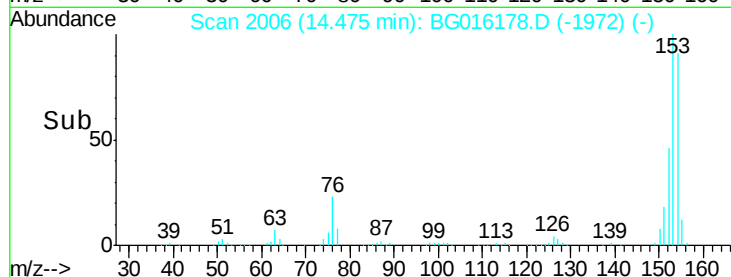
C0AC2MSD



Tgt Ion:	153	Resp:	246030
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.4	56.2
154	91.2	74.4	111.6

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#52

4-Nitrophenol

Concen: 23.27 ng/ul

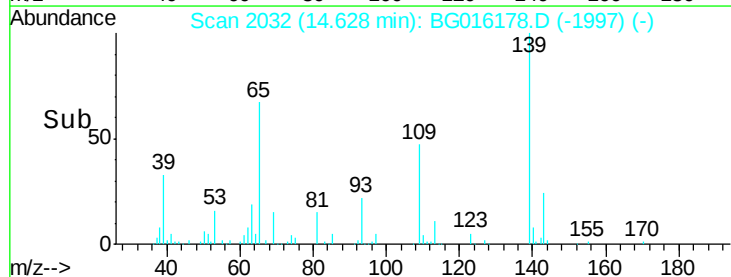
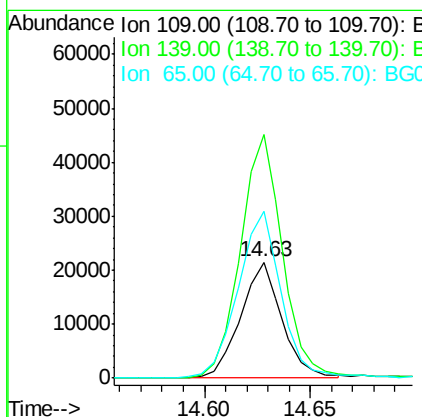
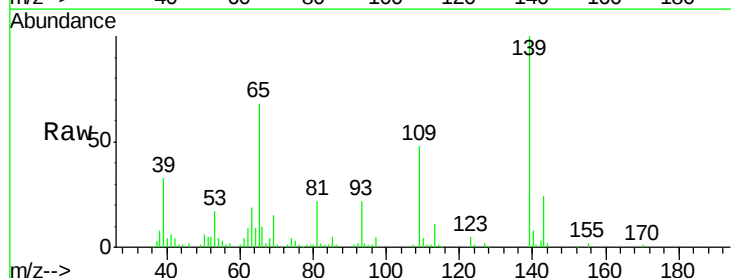
RT: 14.63 min Scan# 2032

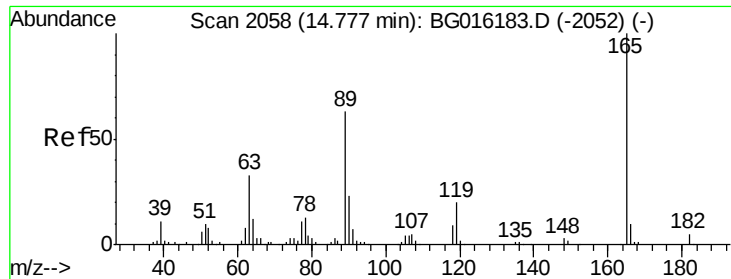
Delta R.T. 0.00 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Tgt Ion:	109	Resp:	29095
Ion Ratio	Lower	Upper	
109	100		
139	210.3	162.7	244.1
65	144.0	124.8	187.2





#54

2,4-Dinitrotoluene

Concen: 26.10 ng/ul

RT: 14.77 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG016178.D

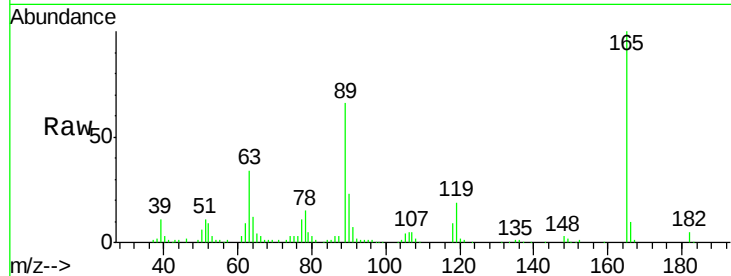
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Instrument :

BNA_G

ClientSampleId :

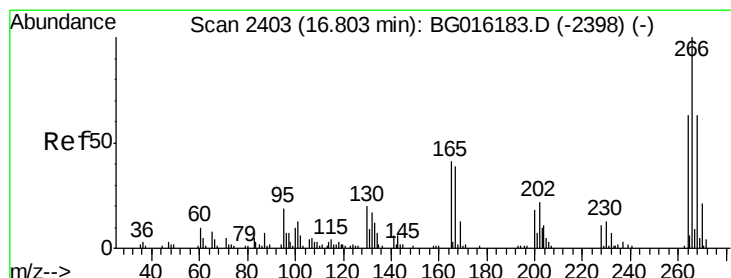
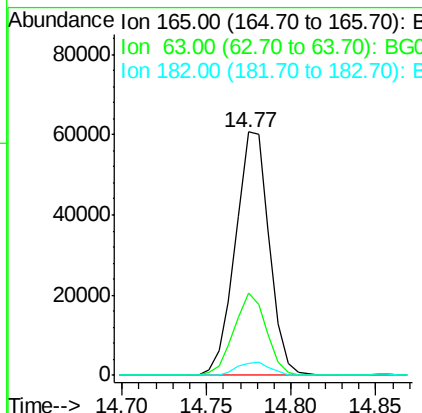
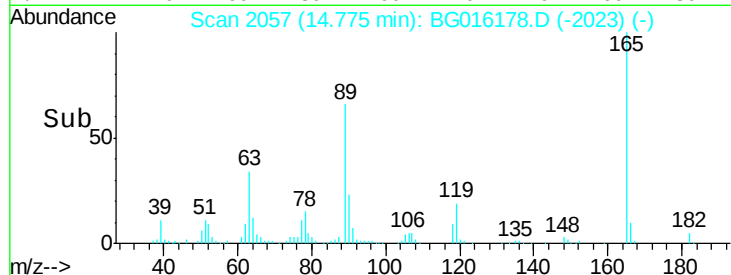
C0AC2MSD



Tgt Ion:	165	Resp:	84666
Ion Ratio	Lower	Upper	
165	100		
63	33.9	27.1	40.7
182	4.8	3.9	5.9

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#68

Pentachlorophenol

Concen: 20.30 ng/ul

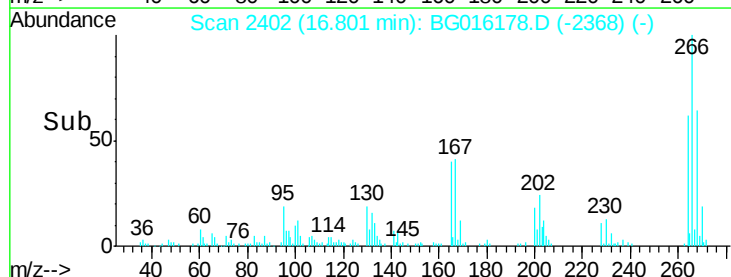
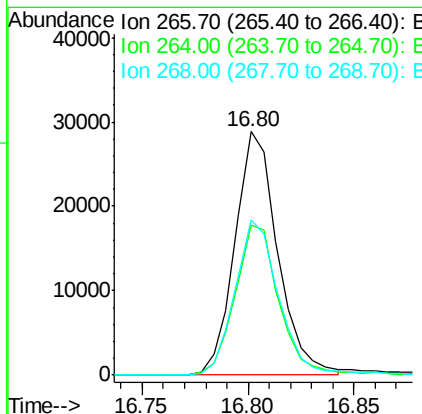
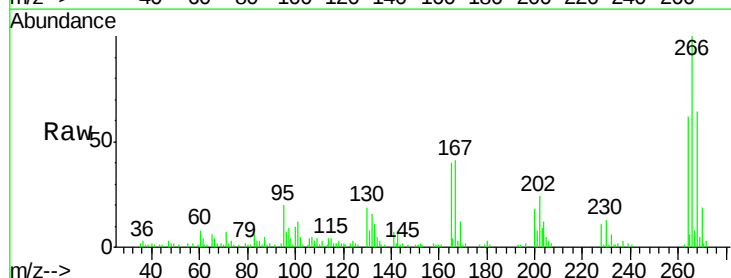
RT: 16.80 min Scan# 2402

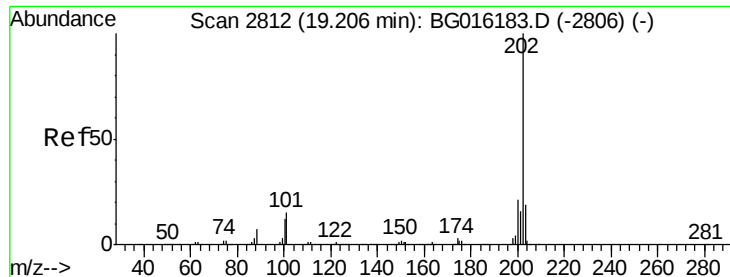
Delta R.T. -0.00 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Tgt Ion:	266	Resp:	40497
Ion Ratio	Lower	Upper	
266	100		
264	61.7	49.2	73.8
268	64.0	47.6	71.4





#74

Fluoranthene

Concen: 1.95 ng/ul

RT: 19.20 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

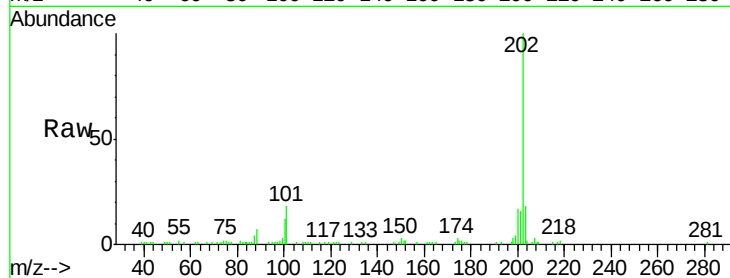
ClientSampleId :

C0AC2MSD

Tgt Ion:	202	Resp:	39045
Ion Ratio	Lower	Upper	
202	100		
101	17.5	12.9	19.3
100	11.8	9.4	14.2

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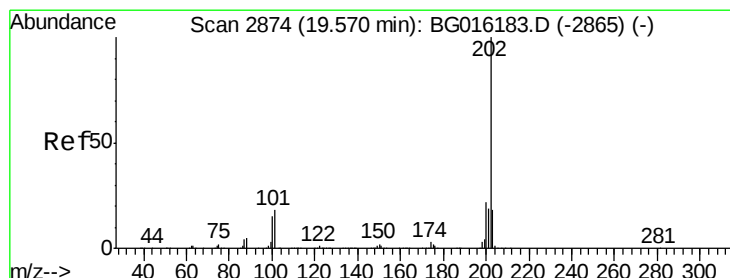
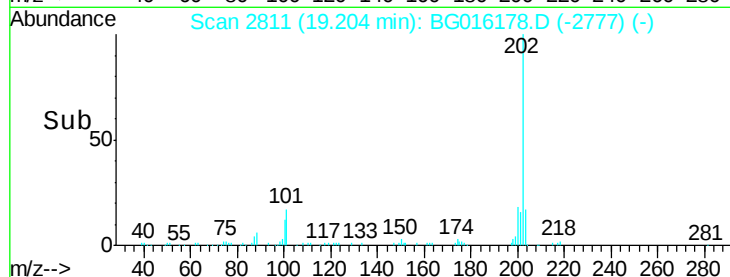
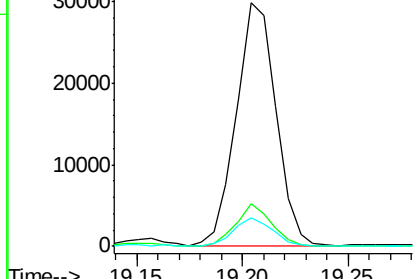
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 28.59 ng/ul

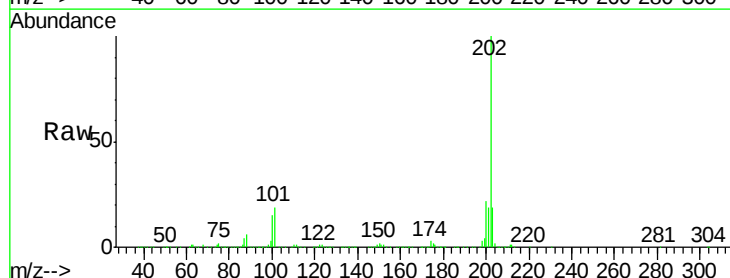
RT: 19.57 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

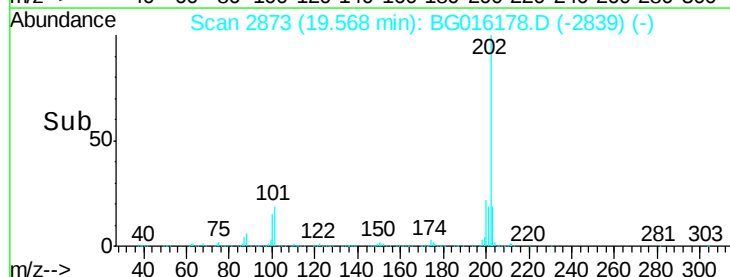
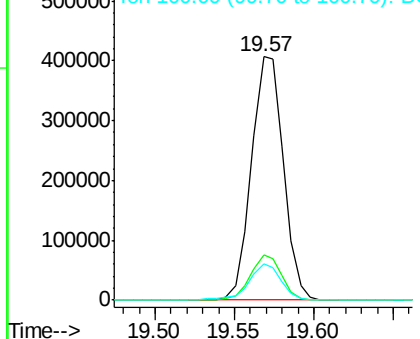
Tgt Ion:	202	Resp:	569974
Ion Ratio	Lower	Upper	
202	100		
101	18.7	14.6	21.8
100	15.1	12.1	18.1

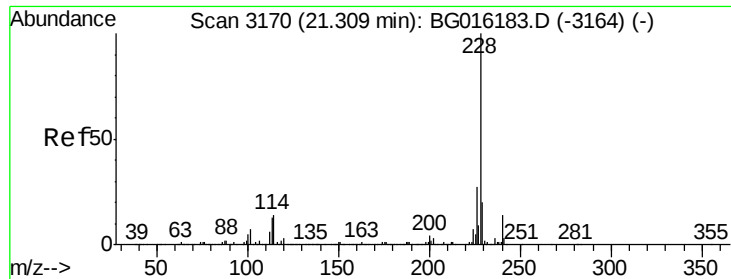


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





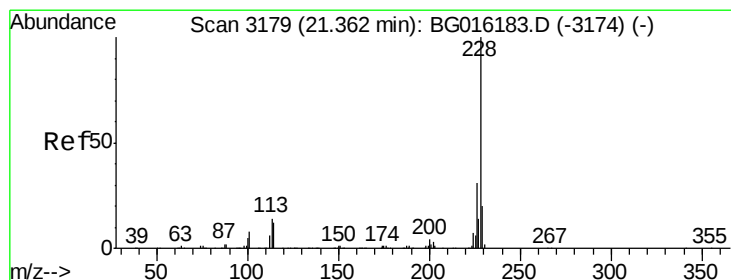
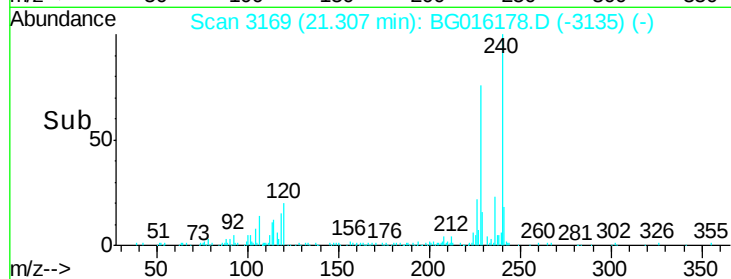
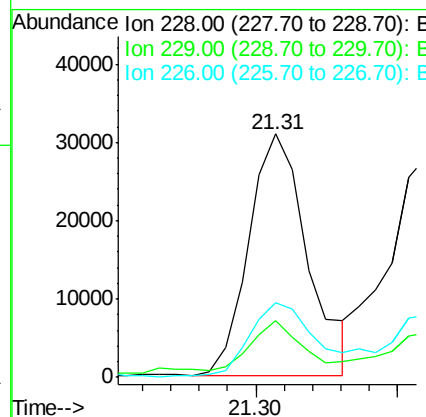
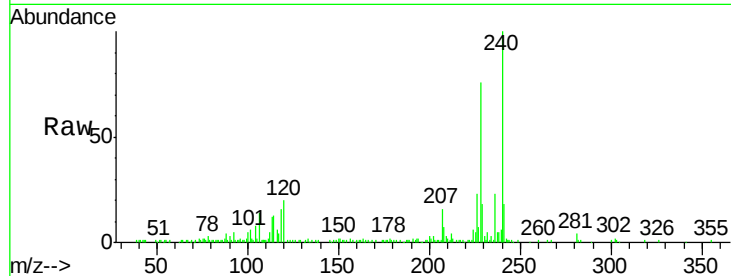
#80
Benzo(a)anthracene
Concen: 2.43 ng/ul
RT: 21.31 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG016178.D
Acq: 27 Mar 2015 16:35

Instrument :
BNA_G
ClientSampleId :
C0AC2MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.2	24.4
226	30.5	22.4	33.6

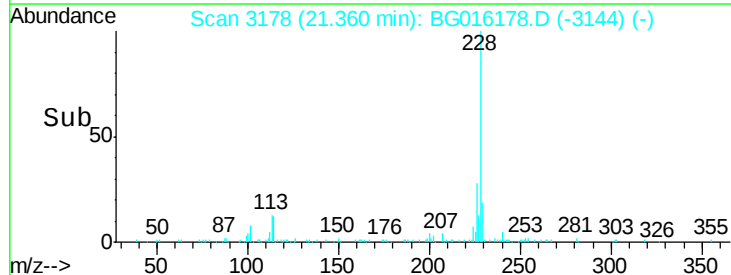
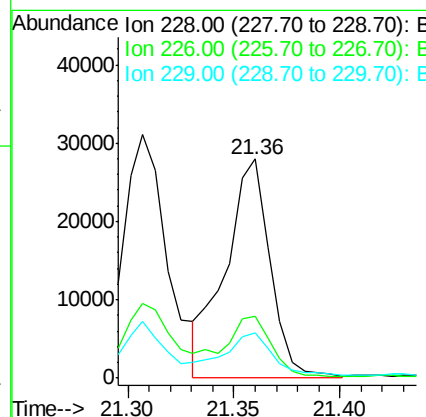
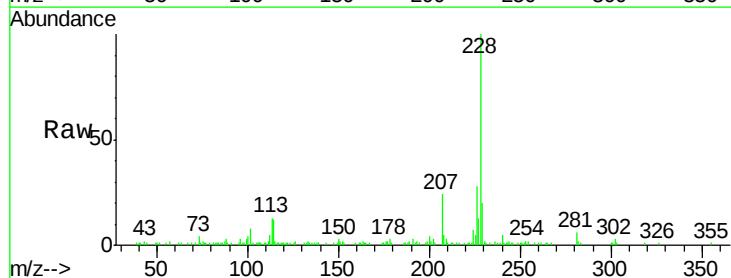
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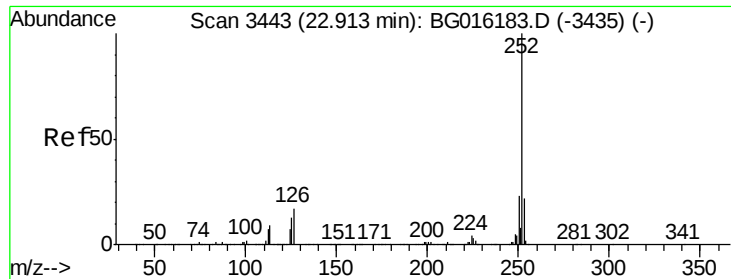
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#82
Chrysene
Concen: 2.33 ng/ul
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016178.D
Acq: 27 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	36.8
229	20.5	16.6	25.0





#85

Benzo(b)fluoranthene

Concen: 5.84 ng/ul

RT: 22.92 min Scan# 3443

Delta R.T. -0.00 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

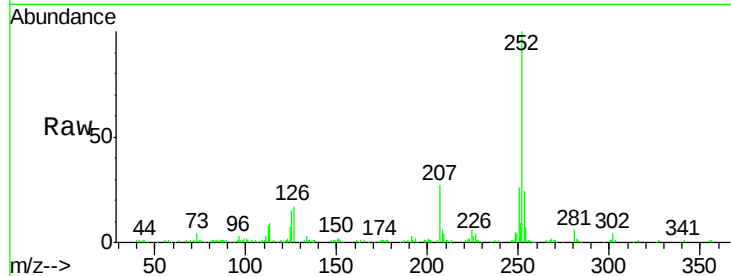
ClientSampleId :

C0AC2MSD

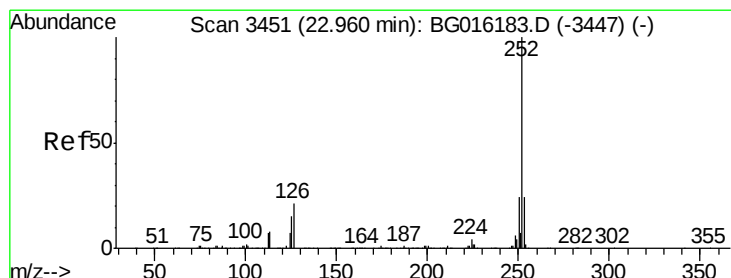
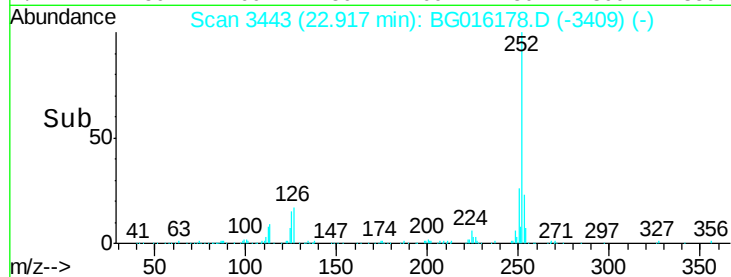
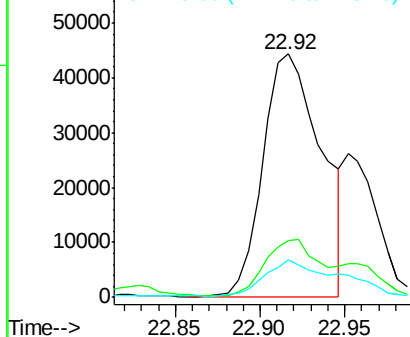
Tgt Ion:	252	Resp:	105501
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	15.5	11.0	16.6

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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: 2.04 ng/ul m

RT: 22.95 min Scan# 3449

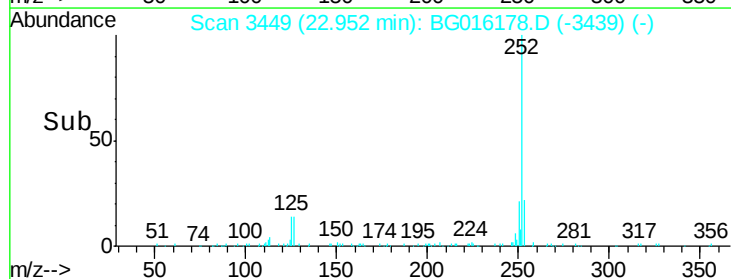
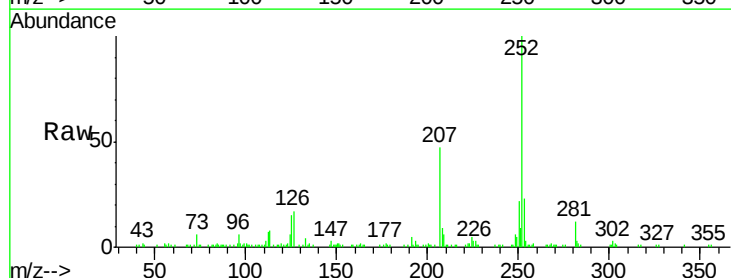
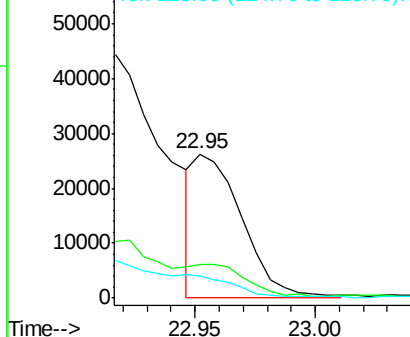
Delta R.T. -0.01 min

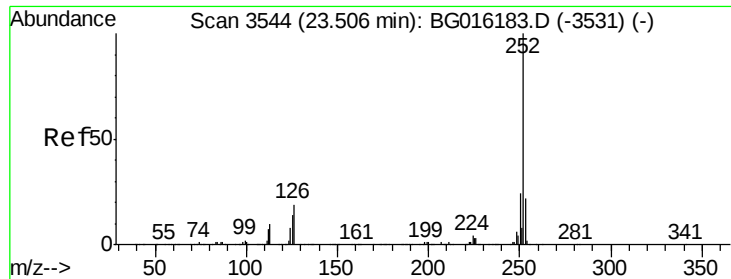
Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Tgt Ion:	252	Resp:	36386
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	15.3	10.7	16.1

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





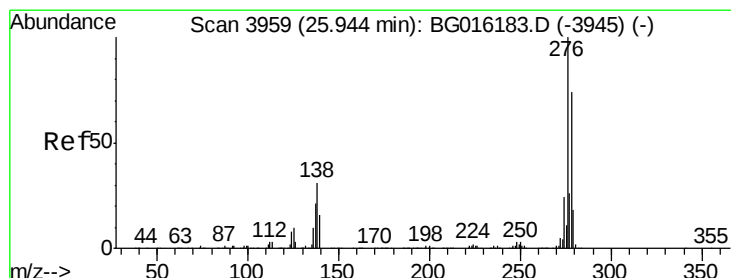
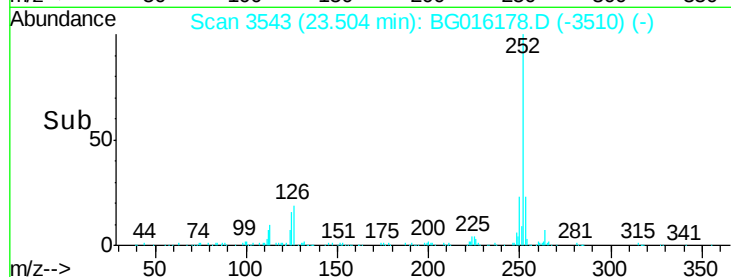
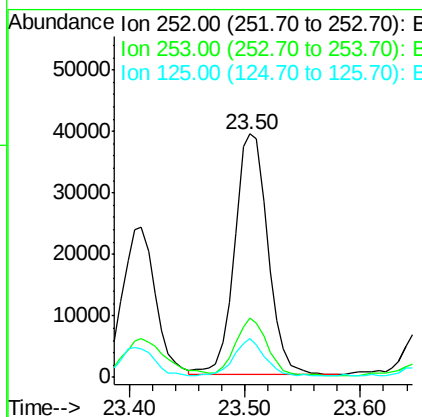
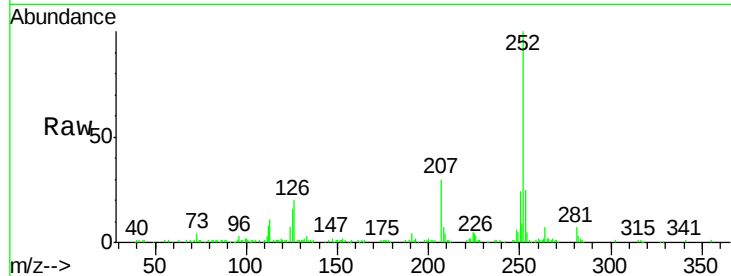
#88
Benzo(a)pyrene
Concen: 4.31 ng/ul
RT: 23.50 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG016178.D
Acq: 27 Mar 2015 16:35

Instrument :
BNA_G
ClientSampleId :
C0AC2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	16.1	11.5	17.3

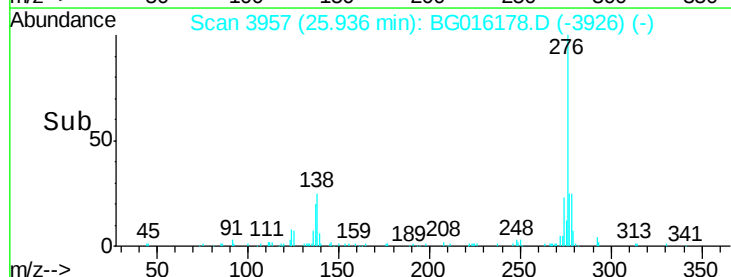
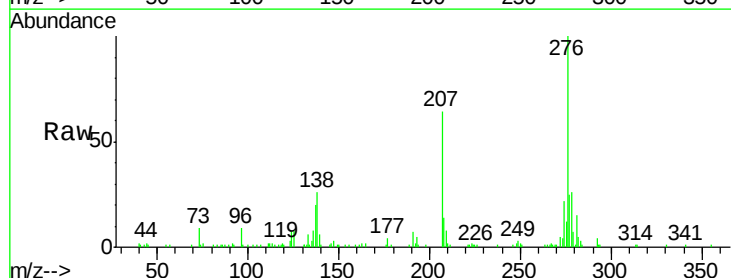
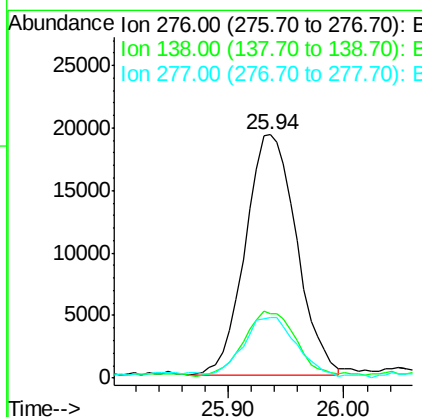
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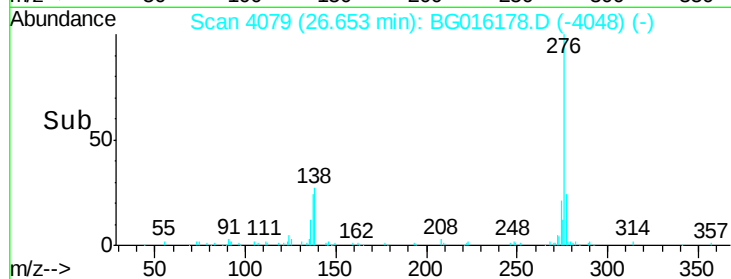
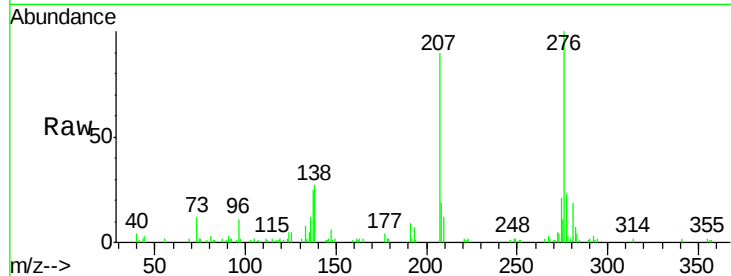
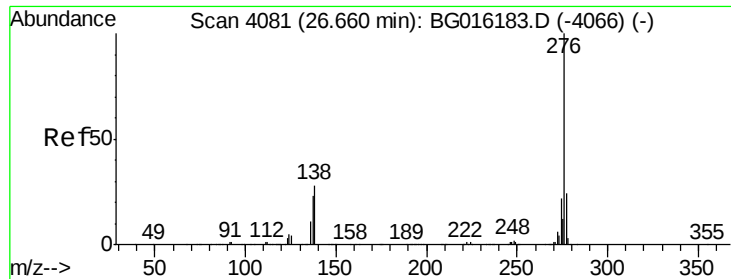
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.84 ng/ul
RT: 25.94 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BG016178.D
Acq: 27 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	26.1	39.1
277	24.9	20.0	30.0





#91

Benzo(g,h,i)perylene

Concen: 2.61 ng/ul

RT: 26.65 min Scan# 4079

Delta R.T. -0.02 min

Lab File: BG016178.D

Acq: 27 Mar 2015 16:35

Instrument :

BNA_G

ClientSampleId :

C0AC2MSD

Tgt Ion:	276	Resp:	45704
Ion Ratio	Lower	Upper	
276	100		
138	27.0	22.0	33.0
277	23.4	19.0	28.4

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