

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016177.D
 Acq On : 27 Mar 2015 16:00
 Operator : TP/IZ
 Sample : G1647-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2MS

Manual Integrations
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Quant Time: Mar 28 05:54:08 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	48199	20.00	ng/ul	0.01
18) Naphthalene-d8	10.58	136	223663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	137441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	289149	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	301814	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	295811	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	130030	30.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	67698	28.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	100982	30.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	99848	30.67	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	55702	31.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	57854	33.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	95523	30.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	128392	29.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	286020	31.92	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	372696	29.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	52435	24.50	ng/ul	0.00
57) Fluorene-d10	15.41	176	266031	29.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	20325	13.45	ng/ul	0.00
70) Anthracene-d10	17.25	188	392613	29.72	ng/ul	0.00
76) Pyrene-d10	19.54	212	410445	30.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	355437	27.55	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.99	94	130240	27.47	ng/ul	97
10) 2-Chlorophenol	7.36	128	96936	27.27	ng/ul	95
14) Acetophenone	8.60	105	10984	2.13	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.59	70	70147	25.14	ng/ul	97
28) Naphthalene	10.62	128	14679	1.22	ng/ul	98
33) 4-Chloro-3-methylphenol	11.86	107	102478	29.04	ng/ul	97
34) 2-Methylnaphthalene	12.23	142	9024	1.06	ng/ul	98
44) Dimethylphthalate	13.87	163	25874	2.54	ng/ul#	96
49) Acenaphthene	14.48	153	247553	26.44	ng/ul	100
52) 4-Nitrophenol	14.62	109	27969	23.92	ng/ul	95
54) 2,4-Dinitrotoluene	14.78	165	84593	27.89	ng/ul	98
68) Pentachlorophenol	16.80	266	34848	18.87	ng/ul	95
74) Fluoranthene	19.21	202	75509	4.06	ng/ul	97
77) Pyrene	19.57	202	604642	32.56	ng/ul	99
80) Benzo(a)anthracene	21.31	228	73296	4.29	ng/ul	96
82) Chrysene	21.36	228	71733	4.41	ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	187247	11.03	ng/ul	100
86) Benzo(k)fluoranthene	22.95	252	59629m	3.56	ng/ul	
88) Benzo(a)pyrene	23.51	252	134948	7.98	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.94	276	105068	5.37	ng/ul	94
90) Dibenzo(a,h)anthracene	25.94	278	26985	1.64	ng/ul#	73
91) Benzo(g,h,i)perylene	26.66	276	78613	4.78	ng/ul	96

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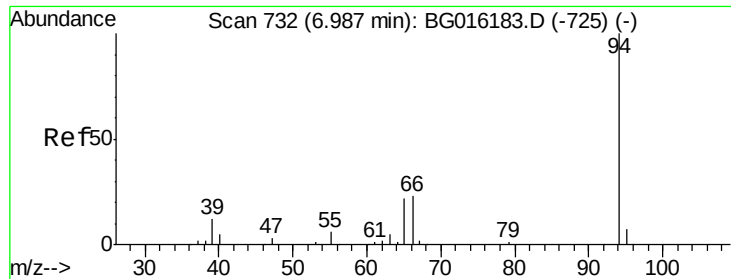
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

Concen: 27.47 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG016177.D

Acq: 27 Mar 2015 16:00

Instrument :

BNA_G

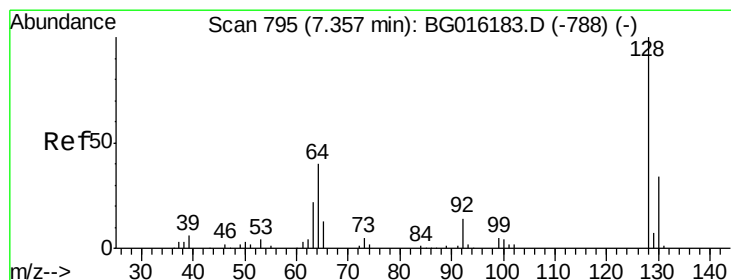
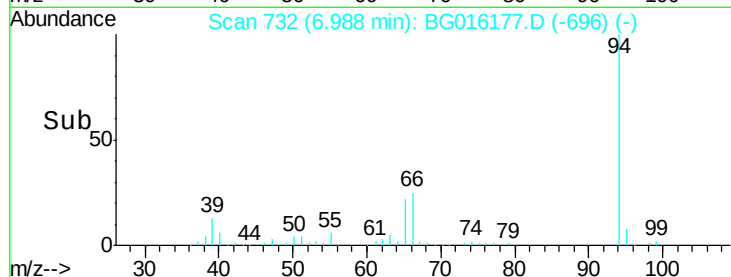
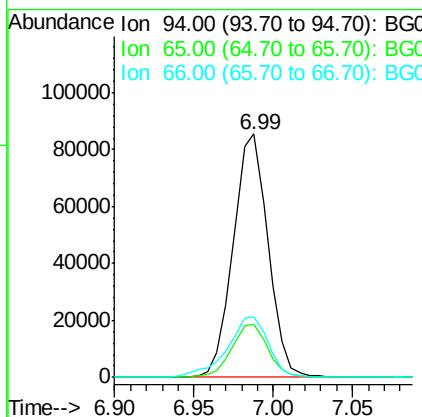
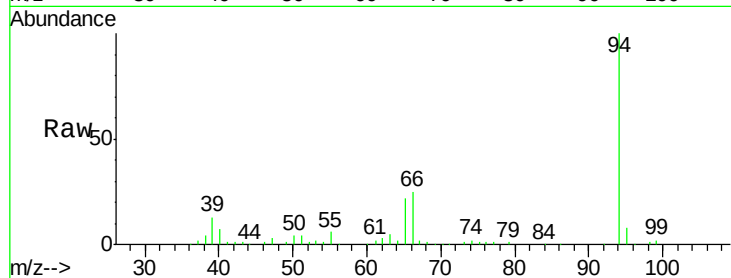
ClientSampleId :

C0AC2MS

Tgt Ion:	94	Resp:	130240
Ion	Ratio	Lower	Upper
94	100		
65	22.0	18.4	27.6
66	24.9	21.1	31.7

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#10

2-Chlorophenol

Concen: 27.27 ng/ul

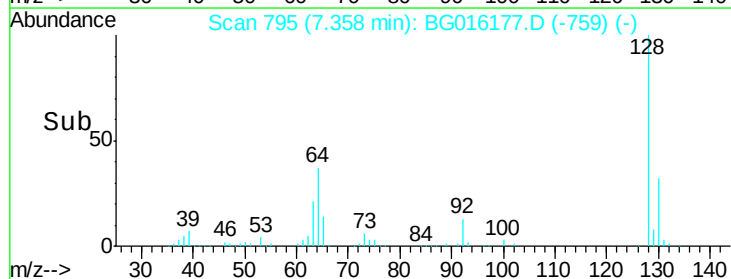
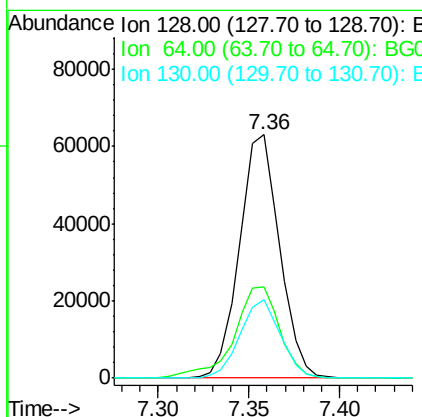
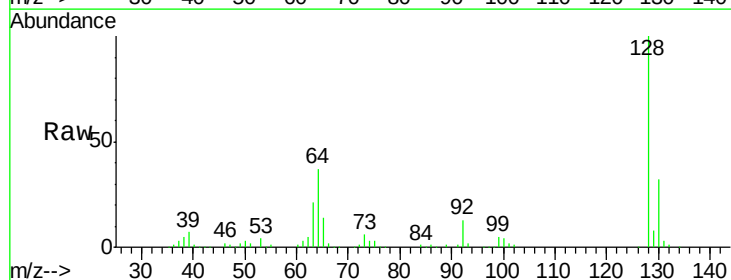
RT: 7.36 min Scan# 795

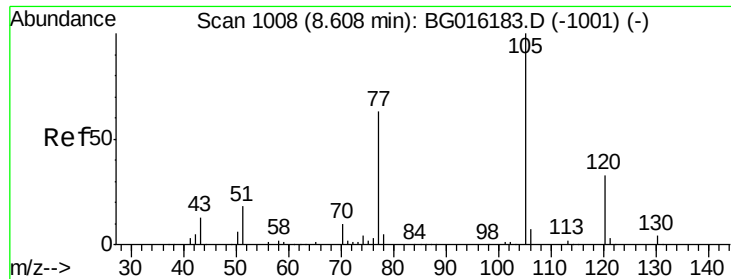
Delta R.T. 0.01 min

Lab File: BG016177.D

Acq: 27 Mar 2015 16:00

Tgt Ion:	128	Resp:	96936
Ion	Ratio	Lower	Upper
128	100		
64	37.5	34.1	51.1
130	32.0	25.3	37.9





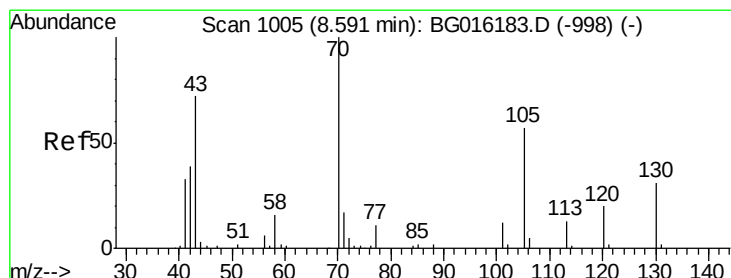
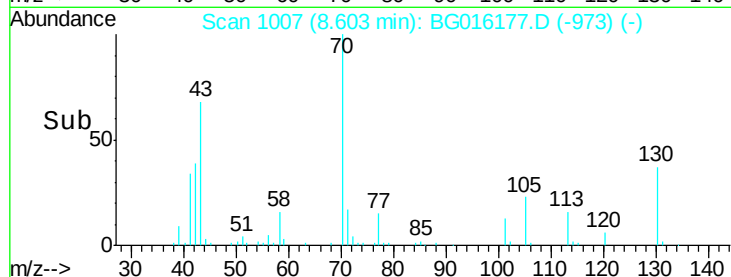
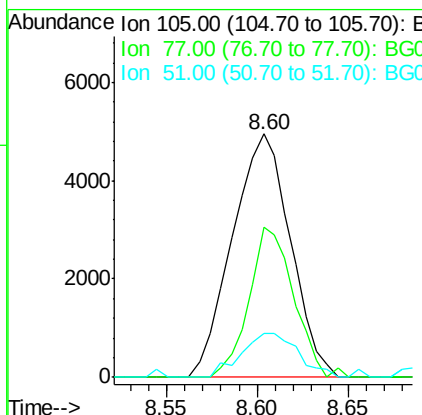
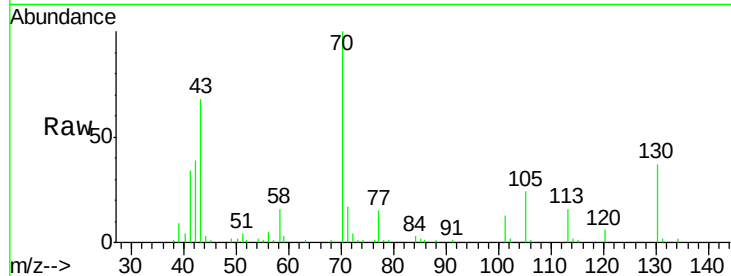
#14
Acetophenone
Concen: 2.13 ng/ul
RT: 8.60 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
BNA_G
ClientSampleId :
C0AC2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	61.5	57.8	86.8
51	18.1	16.5	24.7

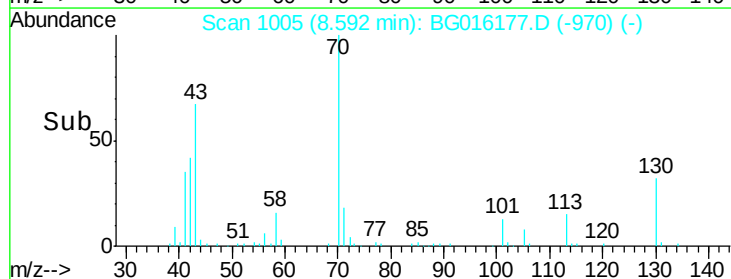
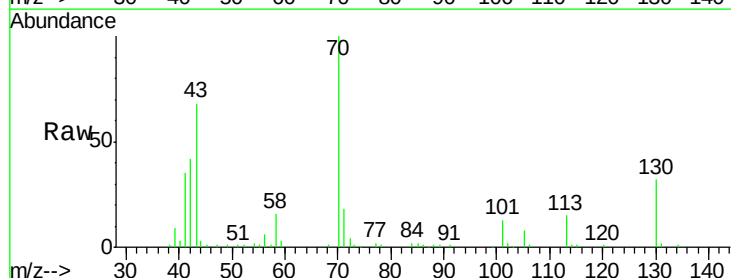
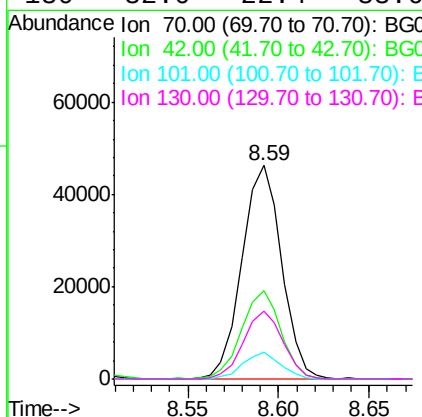
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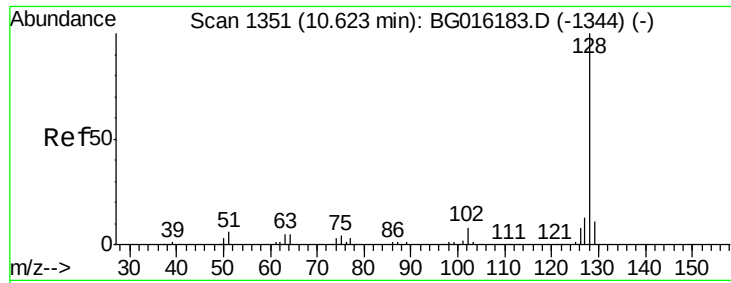
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#15
N-Nitroso-di-n-propylamine
Concen: 25.14 ng/ul
RT: 8.59 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	41.5	33.7	50.5
101	12.7	9.3	13.9
130	32.0	22.4	33.6





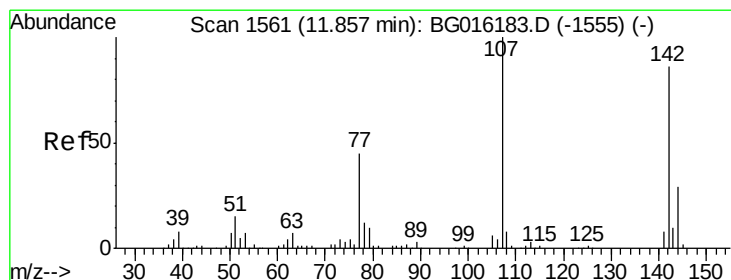
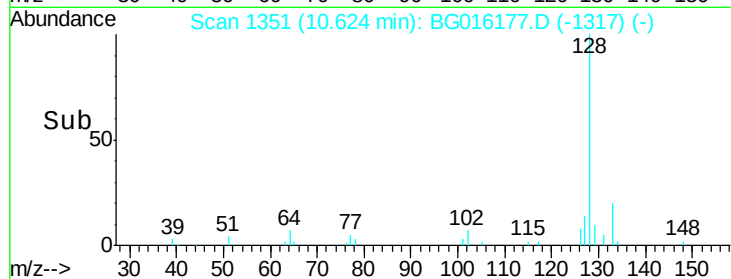
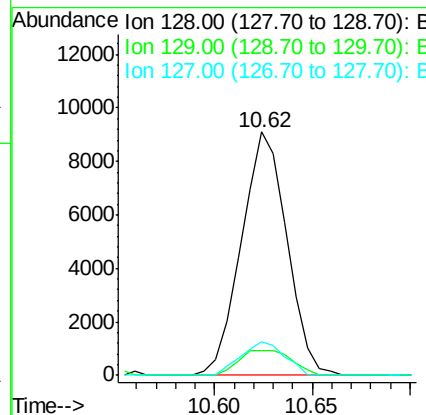
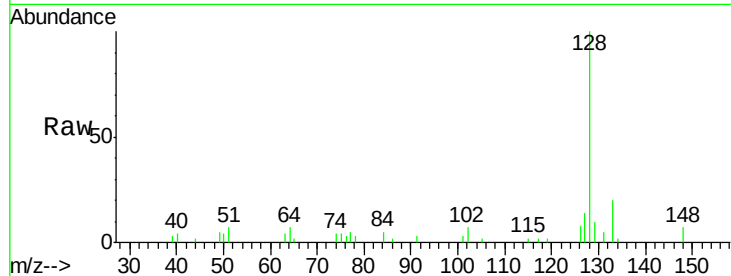
#28
Naphthalene
Concen: 1.22 ng/ul
RT: 10.62 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	14.0	10.4	15.6

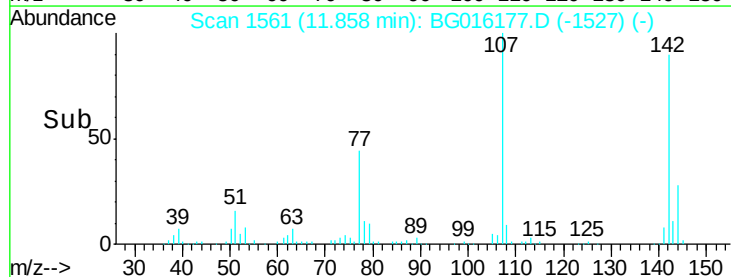
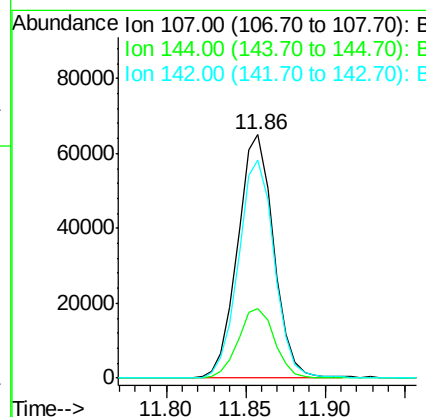
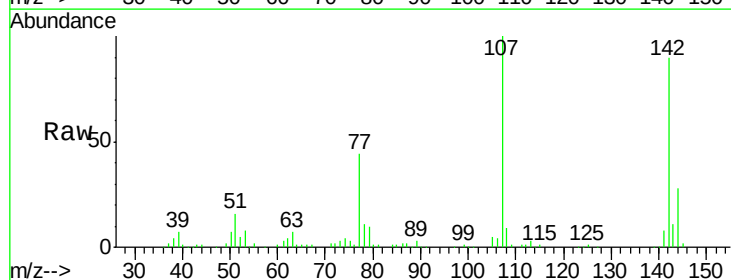
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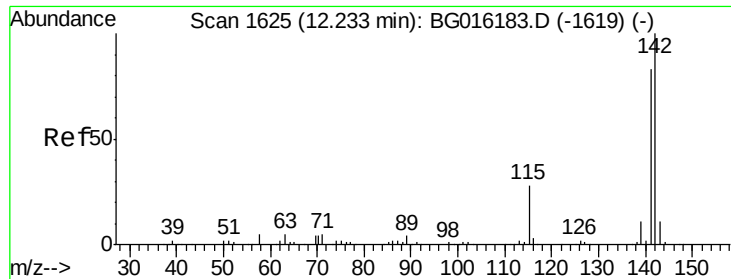
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#33
4-Chloro-3-methylphenol
Concen: 29.04 ng/ul
RT: 11.86 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	23.8	35.8
142	89.7	69.8	104.6





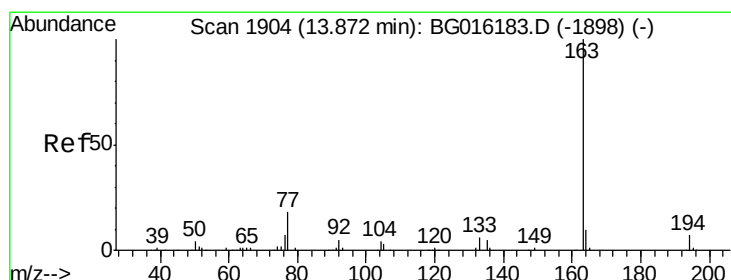
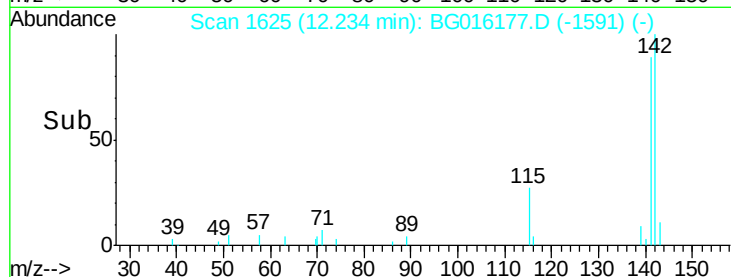
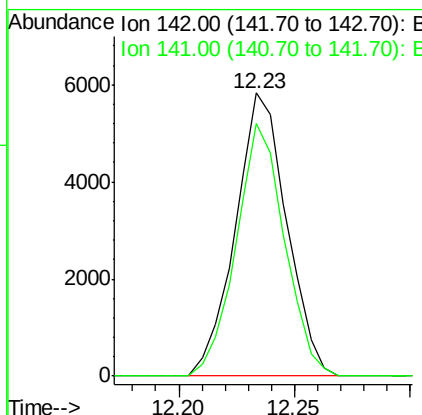
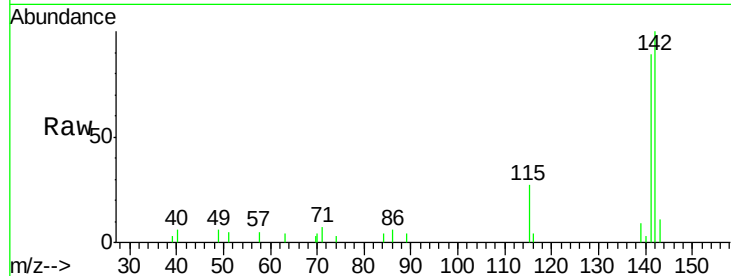
#34
 2-Methylnaphthalene
 Concen: 1.06 ng/ul
 RT: 12.23 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BG016177.D
 Acq: 27 Mar 2015 16:00

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2MS

Tgt Ion:142 Resp: 9024
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.2 105.2

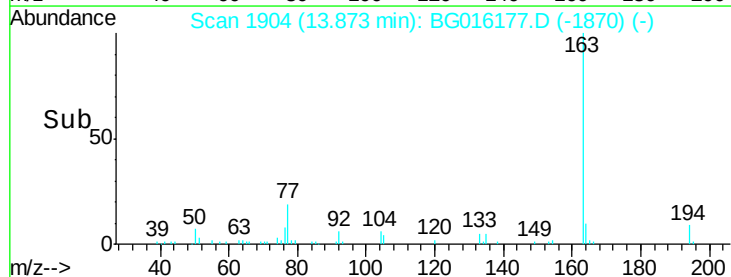
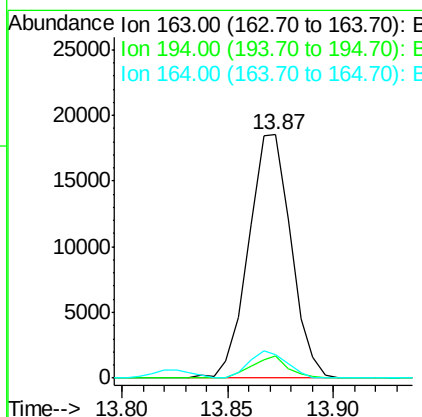
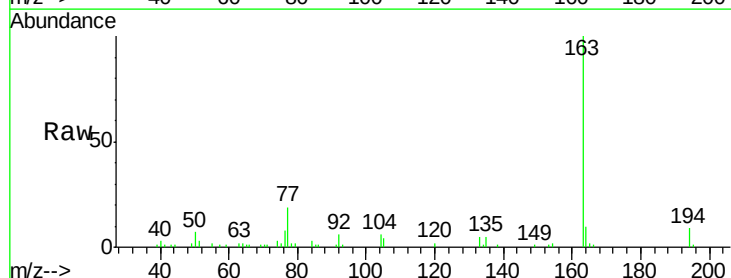
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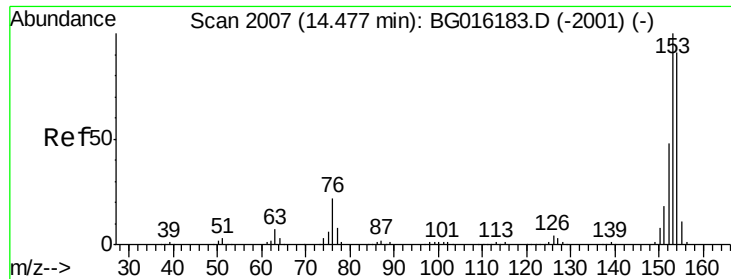
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#44
 Dimethylphthalate
 Concen: 2.54 ng/ul
 RT: 13.87 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BG016177.D
 Acq: 27 Mar 2015 16:00

Tgt Ion:163 Resp: 25874
 Ion Ratio Lower Upper
 163 100
 194 8.9 5.4 8.0#
 164 9.6 8.2 12.4





#49

Acenaphthene

Concen: 26.44 ng/ul

RT: 14.48 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG016177.D

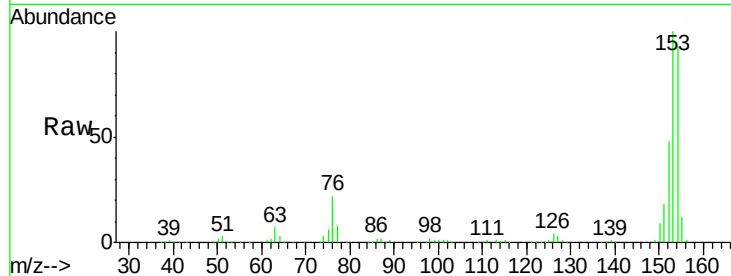
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Instrument :

BNA_G

ClientSampleId :

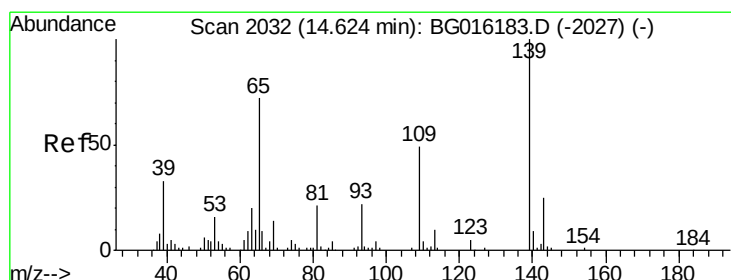
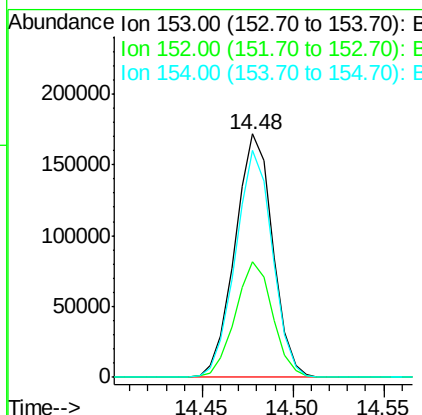
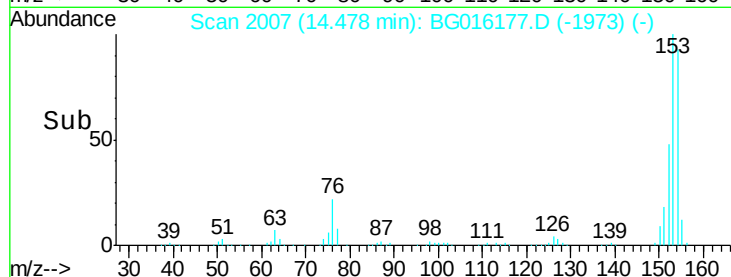
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Tgt Ion:	153	Resp:	247553
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.4	56.2
154	93.0	74.4	111.6

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#52

4-Nitrophenol

Concen: 23.92 ng/ul

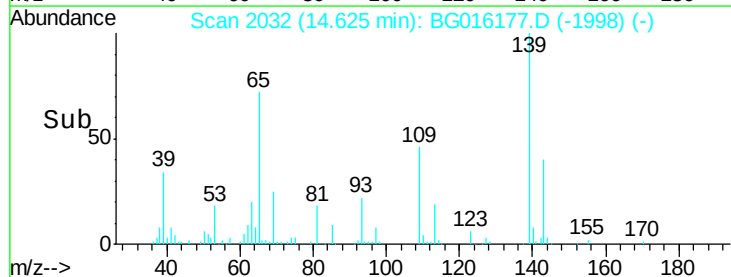
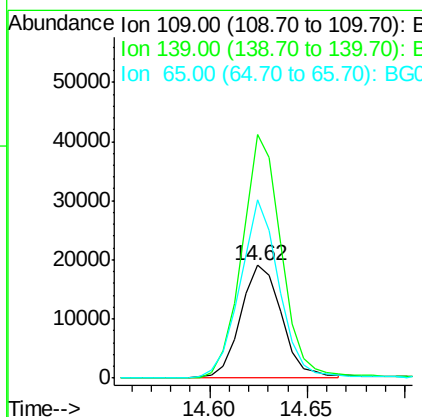
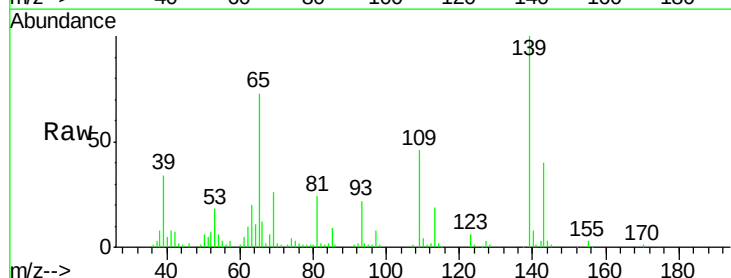
RT: 14.62 min Scan# 2032

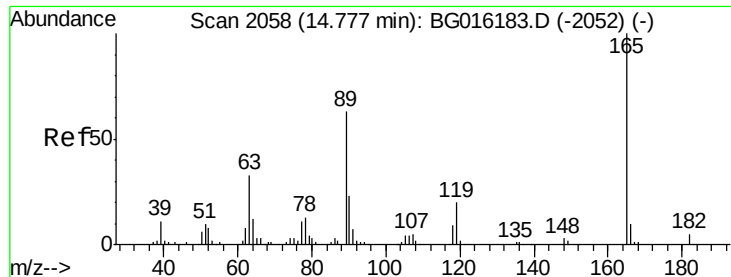
Delta R.T. 0.00 min

Lab File: BG016177.D

Acq: 27 Mar 2015 16:00

Tgt Ion:	109	Resp:	27969
Ion Ratio	Lower	Upper	
109	100		
139	215.7	162.7	244.1
65	157.8	124.8	187.2





#54

2,4-Dinitrotoluene

Concen: 27.89 ng/ul

RT: 14.78 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG016177.D

Acq: 27 Mar 2015 16:00

Instrument :

BNA_G

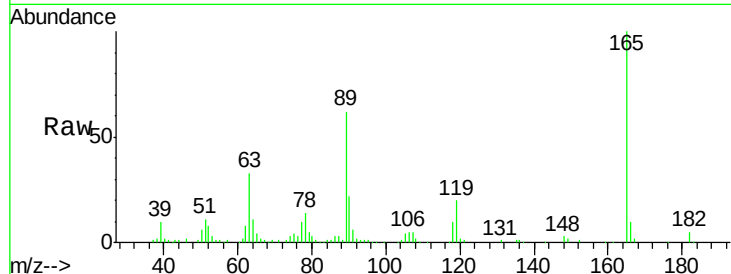
ClientSampleId :

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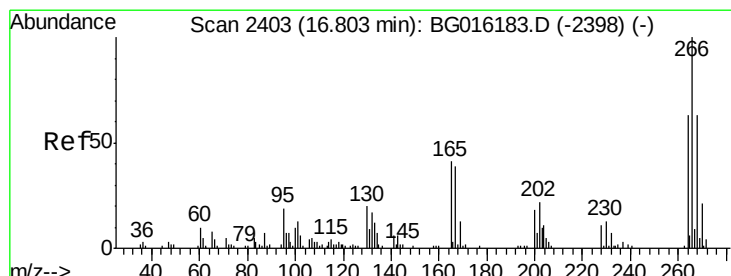
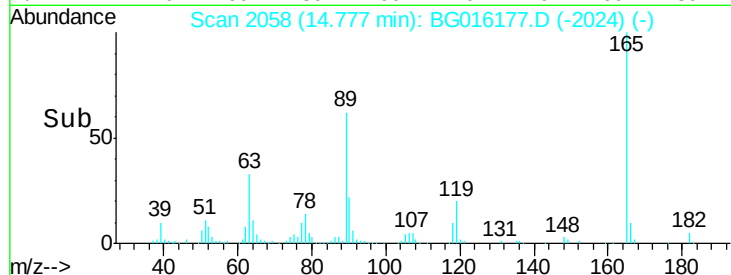
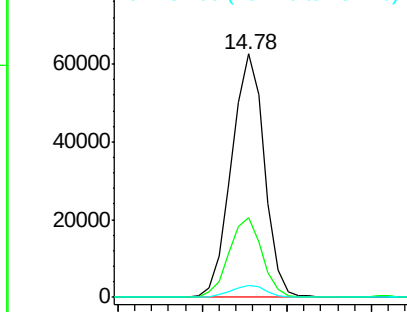
Tgt Ion:	165	Resp:	84593
Ion Ratio	Lower	Upper	
165	100		
63	32.8	27.1	40.7
182	5.2	3.9	5.9

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 18.87 ng/ul

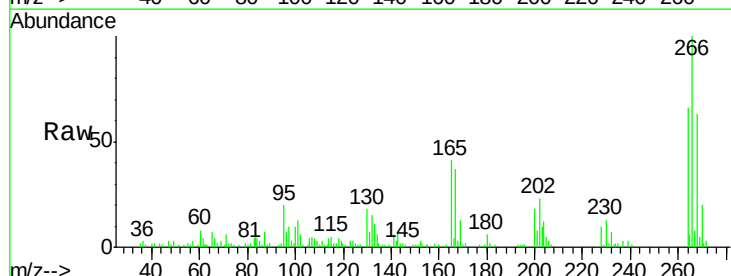
RT: 16.80 min Scan# 2403

Delta R.T. 0.00 min

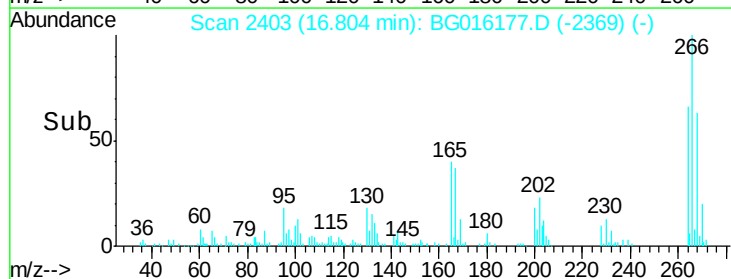
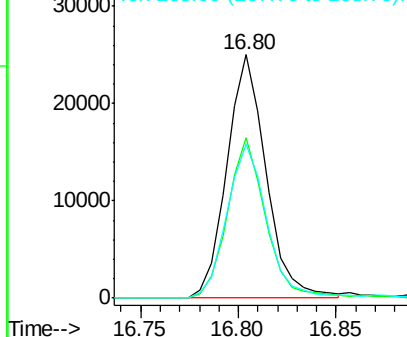
Lab File: BG016177.D

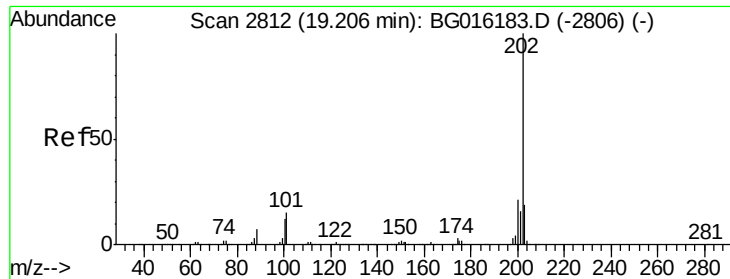
Acq: 27 Mar 2015 16:00

Tgt Ion:	266	Resp:	34848
Ion Ratio	Lower	Upper	
266	100		
264	65.8	49.2	73.8
268	63.3	47.6	71.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#74

Fluoranthene

Concen: 4.06 ng/ul

RT: 19.21 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG016177.D

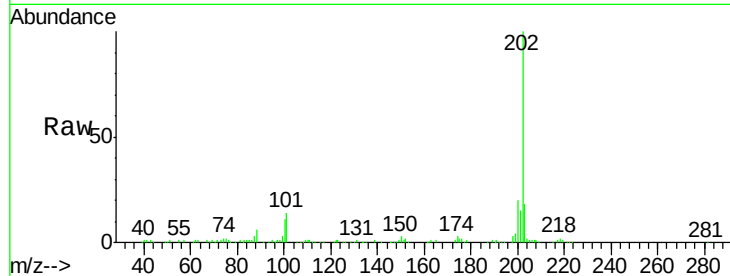
Acq: 27 Mar 2015 16:00

Instrument :

BNA_G

ClientSampleId :

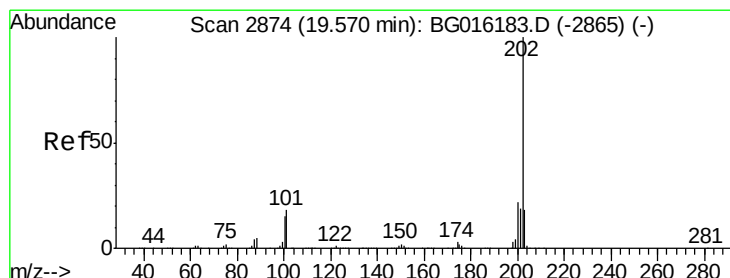
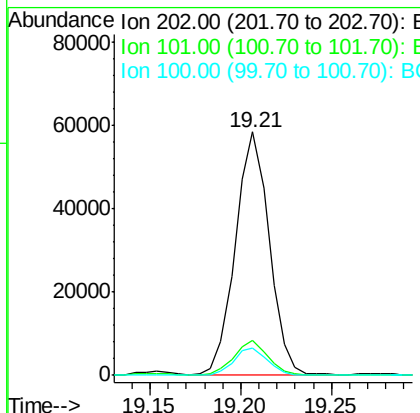
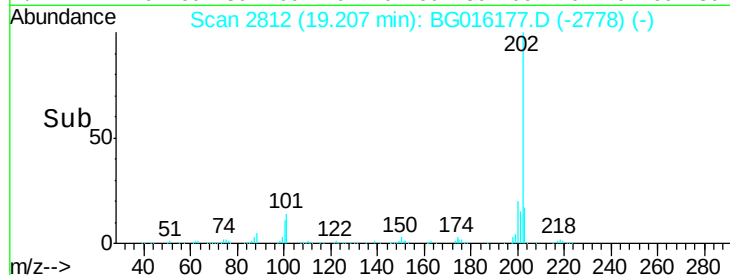
C0AC2MS



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		75509		
101	14.4	12.9	19.3		
100	11.2	9.4	14.2		

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#77

Pyrene

Concen: 32.56 ng/ul

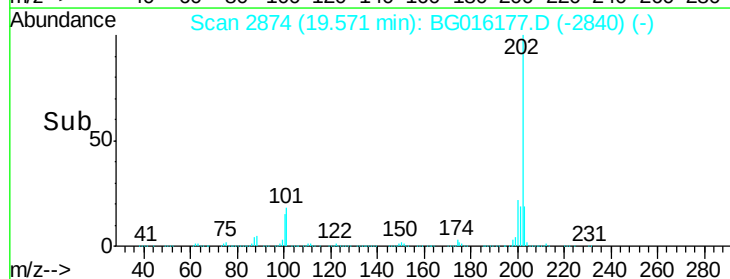
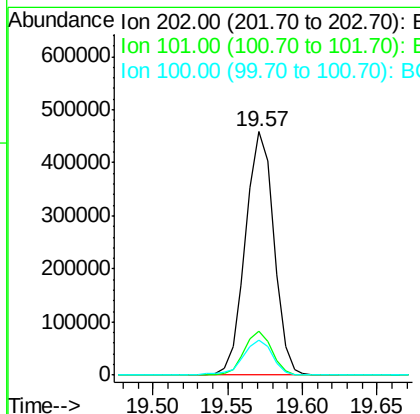
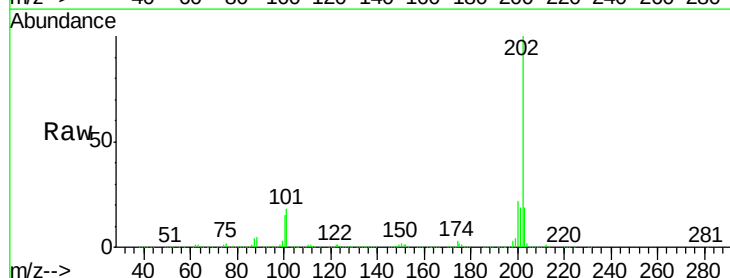
RT: 19.57 min Scan# 2874

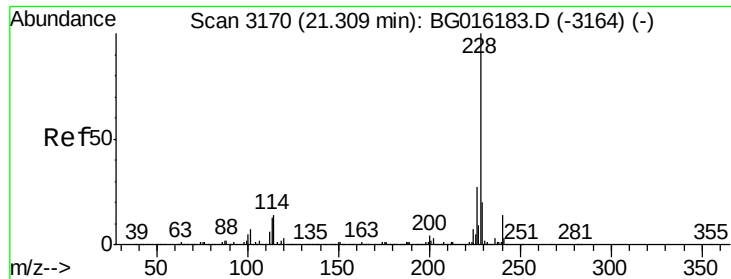
Delta R.T. 0.00 min

Lab File: BG016177.D

Acq: 27 Mar 2015 16:00

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		604642		
101	18.0	14.6	21.8		
100	14.5	12.1	18.1		





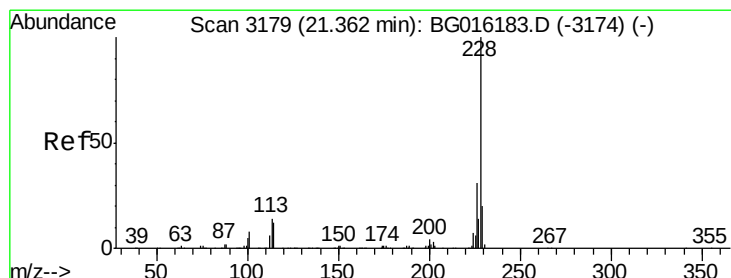
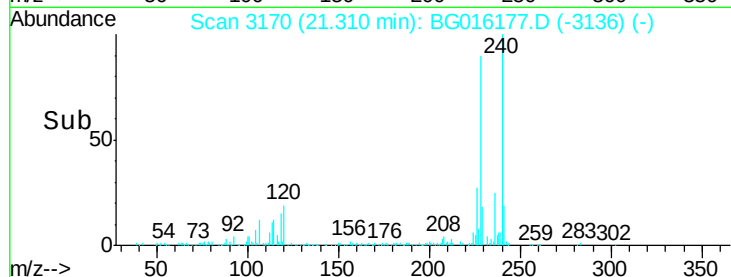
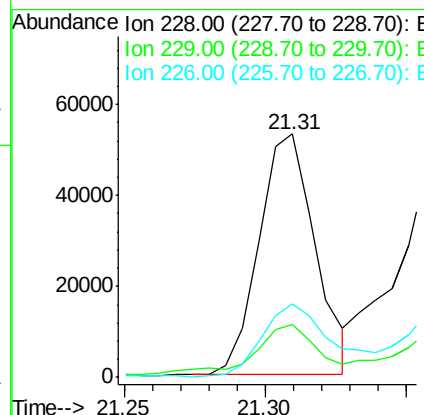
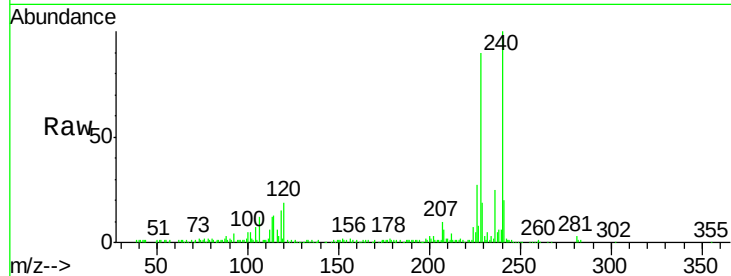
#80
Benzo(a)anthracene
Concen: 4.29 ng/ul
RT: 21.31 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
BNA_G
ClientSampleId :
C0AC2MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	73296		
229	21.5	16.2	24.4	
226	30.2	22.4	33.6	

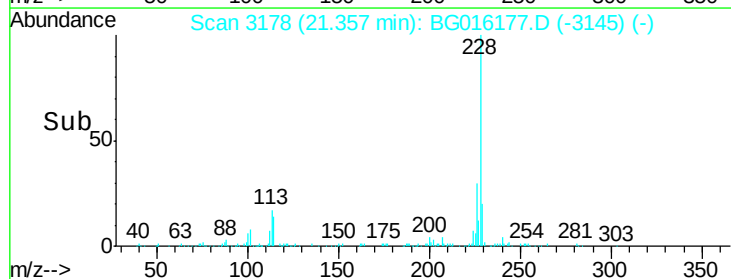
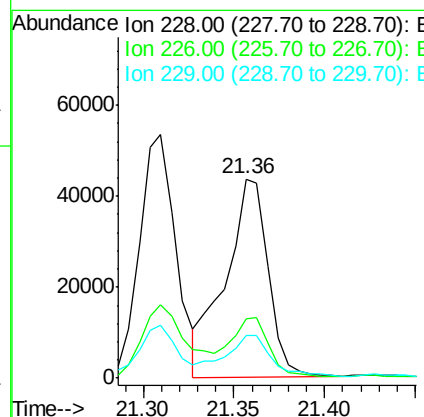
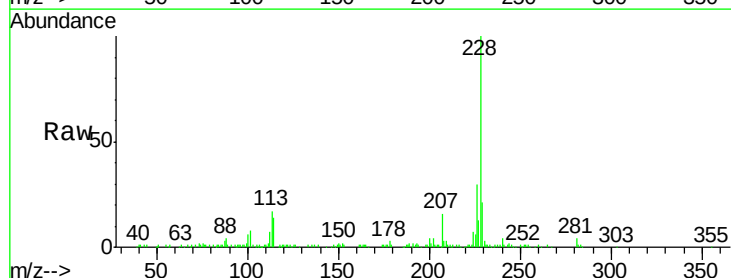
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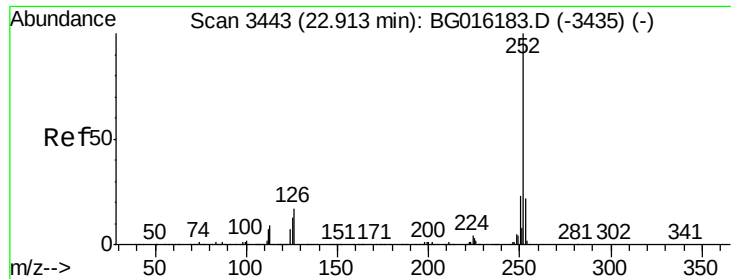
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#82
Chrysene
Concen: 4.41 ng/ul
RT: 21.36 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	71733		
226	29.9	24.6	36.8	
229	21.2	16.6	25.0	





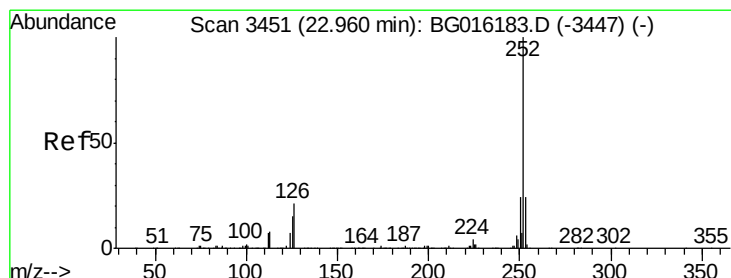
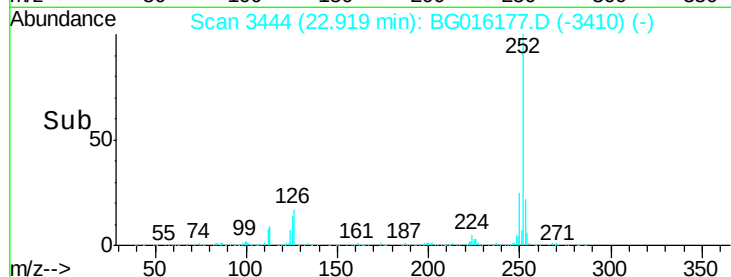
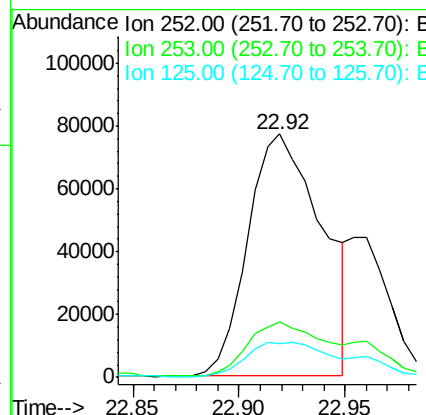
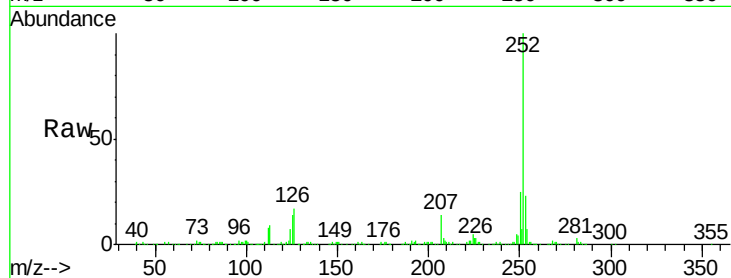
#85
Benzo(b)fluoranthene
Concen: 11.03 ng/ul
RT: 22.92 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
BNA_G
ClientSampleId :
C0AC2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.7	11.0	16.6

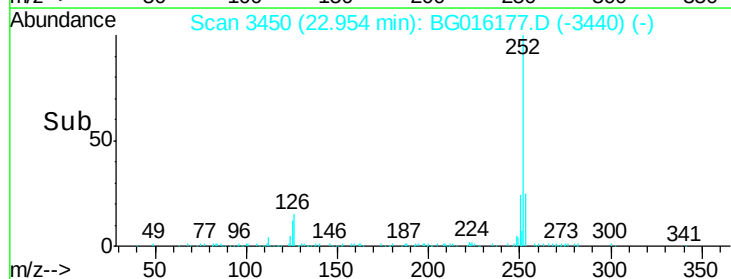
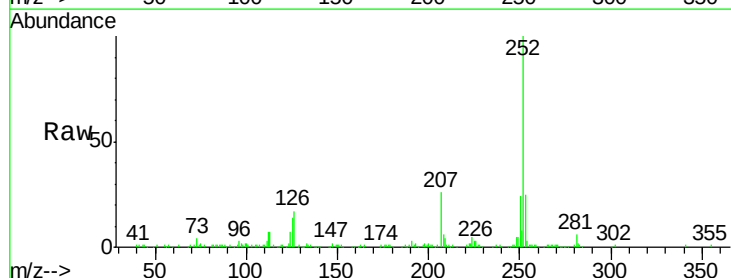
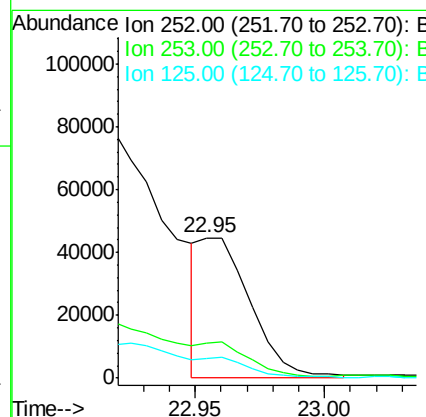
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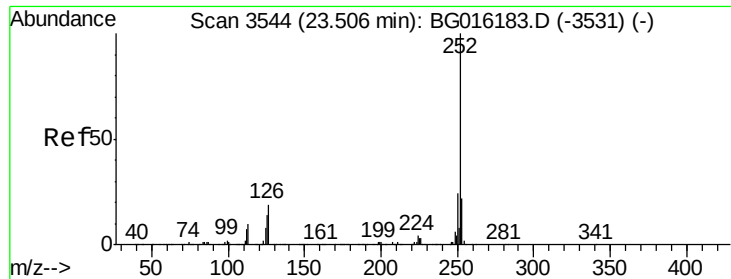
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#86
Benzo(k)fluoranthene
Concen: 3.56 ng/ul m
RT: 22.95 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	14.0	10.7	16.1





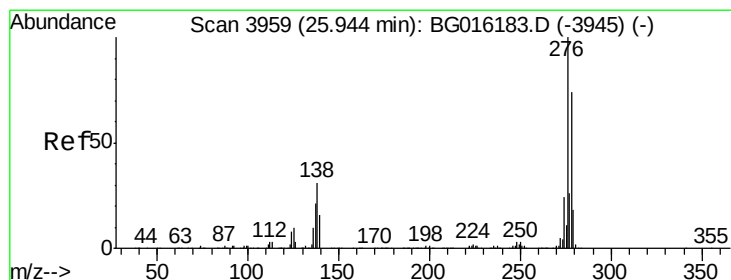
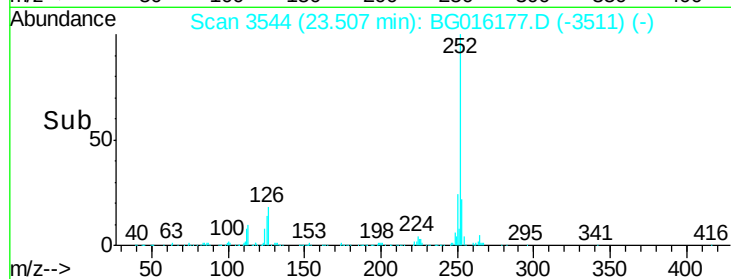
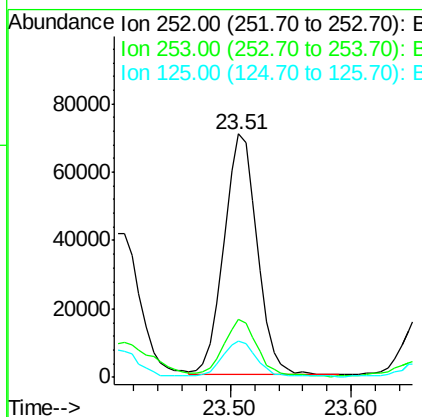
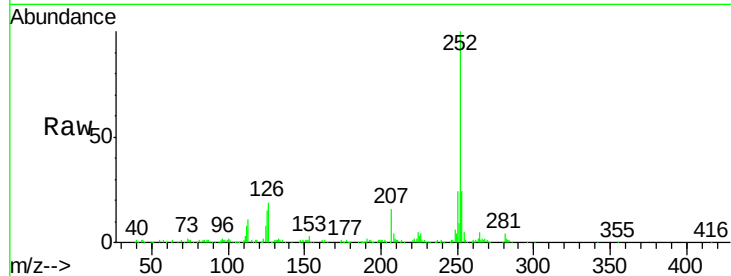
#88
Benzo(a)pyrene
Concen: 7.98 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
BNA_G
ClientSampleId :
C0AC2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	17.6	26.4
125	14.8	11.5	17.3

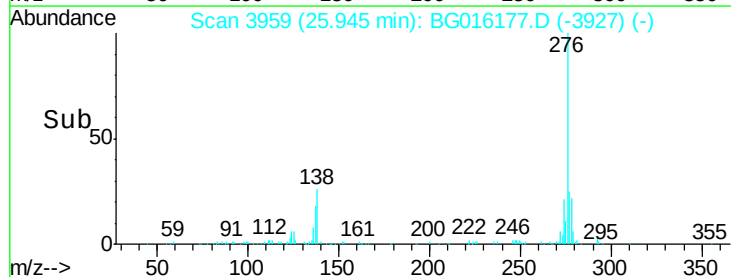
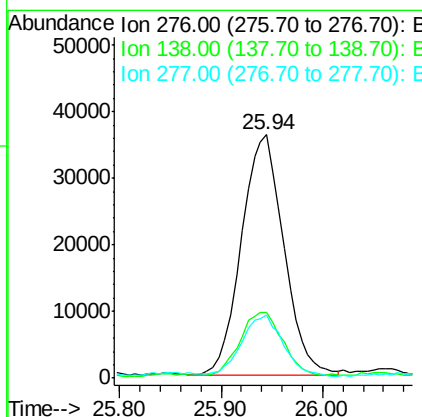
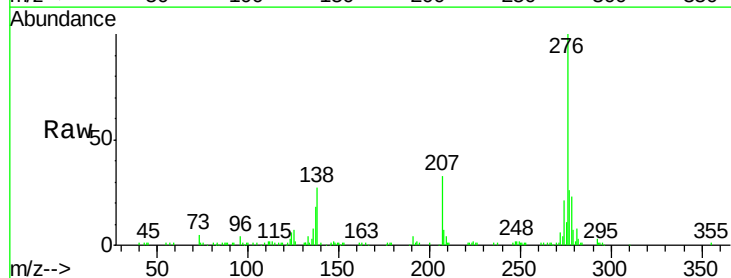
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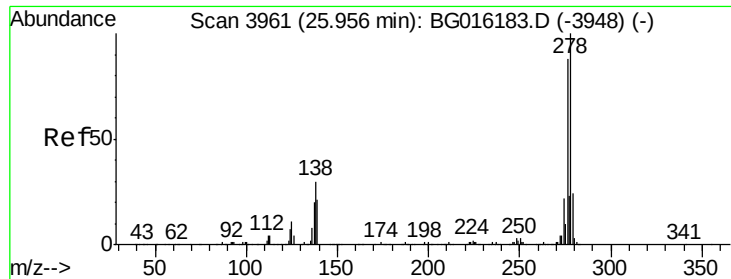
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.37 ng/ul
RT: 25.94 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	26.1	39.1
277	25.8	20.0	30.0





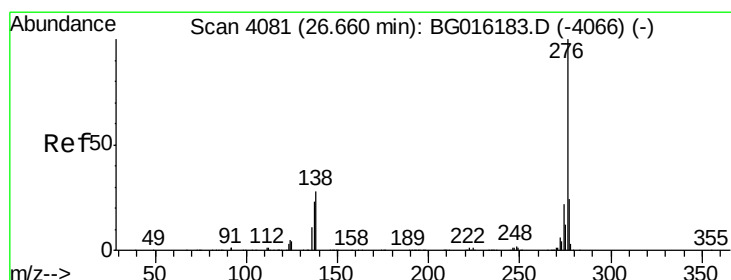
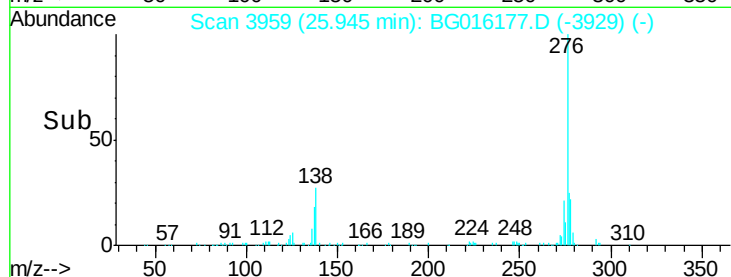
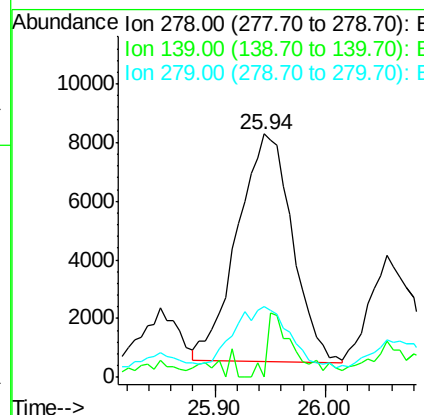
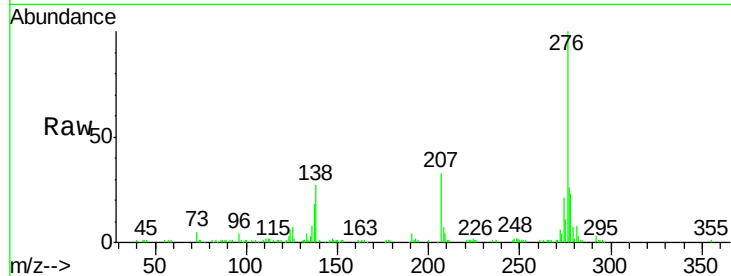
#90
Dibenzo(a,h)anthracene
Concen: 1.64 ng/ul
RT: 25.94 min Scan# 3959
Delta R.T. -0.02 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Instrument :
BNA_G
ClientSampleId :
C0AC2MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	28.9	19.3	28.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.78 ng/ul
RT: 26.66 min Scan# 4081
Delta R.T. -0.01 min
Lab File: BG016177.D
Acq: 27 Mar 2015 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.0	33.0
277	25.5	19.0	28.4

