

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023045.D
 Acq On : 12 Jul 2016 20:45
 Operator : UM/SJ
 Sample : PB92070BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Manual Integrations
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 7/13/2016 6:28:36 PM

Quant Time: Jul 13 01:44:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100002	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	471130	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365714	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	891683	20.00	ng	0.00
75) Chrysene-d12	21.87	240	930999	20.00	ng	0.02
86) Perylene-d12	25.25	264	946375	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	848104	138.71	ng	0.00
7) Phenol-d6	7.31	99	1301396	135.89	ng	0.00
23) Nitrobenzene-d5	9.33	82	908334	82.56	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	733120	111.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1888708	81.35	ng	0.00
78) Terphenyl-d14	20.16	244	2779291	102.32	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	254946	31.35	ng	# 92
4) n-Nitrosodimethylamine	3.88	42	139256	39.91	ng	# 97
6) Aniline	7.47	93	273391	20.60	ng	99
8) 2-Chlorophenol	7.72	128	306214	47.06	ng	98
9) Benzaldehyde	7.28	77	141357	22.09	ng	93
10) Phenol	7.34	94	467473	47.44	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	314657	40.29	ng	96
12) 1,3-Dichlorobenzene	8.04	146	306707	38.51	ng	97
13) 1,4-Dichlorobenzene	8.19	146	319820	40.11	ng	93
14) 1,2-Dichlorobenzene	8.51	146	304134	38.37	ng	94
15) Benzyl Alcohol	8.39	79	395287	45.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	380099	39.84	ng	93
17) 2-Methylphenol	8.60	107	298955	46.61	ng	95
18) Hexachloroethane	9.25	117	131557	39.08	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	330922	38.33	ng	95
20) 3+4-Methylphenols	8.93	107	411676	46.02	ng	98
22) Acetophenone	8.98	105	526848	37.26	ng	# 92
24) Nitrobenzene	9.37	77	474476	40.58	ng	92
25) Isophorone	9.89	82	835964	37.78	ng	97
26) 2-Nitrophenol	10.09	139	188746	41.14	ng	88
27) 2,4-Dimethylphenol	10.14	122	328361	41.41	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	480385	38.92	ng	97
29) 2,4-Dichlorophenol	10.63	162	373740	44.19	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	377849	38.99	ng	98
31) Naphthalene	11.03	128	953544	39.76	ng	99
32) Benzoic acid	10.27	122	235929	32.70	ng	93
33) 4-Chloroaniline	11.14	127	115567	9.85	ng	# 89
34) Hexachlorobutadiene	11.31	225	289287	36.82	ng	95
35) Caprolactam	11.92	113	131839m	37.89	ng	
36) 4-Chloro-3-methylphenol	12.26	107	475452	41.10	ng	97
37) 2-Methylnaphthalene	12.63	142	762292	40.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	509089	32.30	ng	99
40) Hexachlorocyclopentadiene	12.97	237	637298	70.24	ng	100
42) 2,4,6-Trichlorophenol	13.23	196	370583	40.91	ng	96

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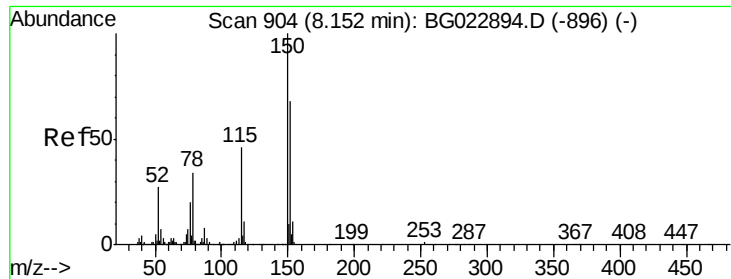
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	391891	42.13	nq	96
45) 1,1'-Biphenyl	13.63	154	1070073	39.00	nq	96
46) 2-Chloronaphthalene	13.68	162	891196	40.04	nq	99
47) 2-Nitroaniline	13.88	65	393252	41.40	nq	97
48) Acenaphthylene	14.53	152	1350329	40.44	nq	99
49) Dimethylphthalate	14.25	163	1193074	39.94	nq	98
50) 2,6-Dinitrotoluene	14.37	165	282766	42.12	nq	83
51) Acenaphthene	14.87	154	889317	40.76	nq	97
52) 3-Nitroaniline	14.71	138	166552	24.88	nq	98
53) 2,4-Dinitrophenol	14.91	184	344531	74.79	nq	95
54) Dibenzofuran	15.20	168	1437474	44.01	nq	99
55) 4-Nitrophenol	15.02	139	441967	78.76	nq	95
56) 2,4-Dinitrotoluene	15.16	165	411885	42.08	nq	# 95
57) Fluorene	15.85	166	1176470	41.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	404667	43.48	nq	99
59) Diethylphthalate	15.61	149	1263360	41.56	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	689320	40.26	nq	96
61) 4-Nitroaniline	15.88	138	275505	38.03	nq	# 88
62) Azobenzene	16.13	77	1379004	47.43	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	265180	40.01	nq	99
65) n-Nitrosodiphenylamine	16.05	169	1088415	42.37	nq	98
66) 4-Bromophenyl-phenylether	16.74	248	466359	40.20	nq	96
67) Hexachlorobenzene	16.86	284	488062	38.69	nq	98
68) Atrazine	17.00	200	472897	41.50	nq	96
69) Pentachlorophenol	17.21	266	638834	78.21	nq	96
70) Phenanthrene	17.60	178	1889250	43.23	nq	97
71) Anthracene	17.69	178	1911178	43.19	nq	100
72) Carbazole	17.96	167	1669277	43.66	nq	98
73) Di-n-butylphthalate	18.50	149	1981242	46.59	nq	99
74) Fluoranthene	19.61	202	2177260	40.60	nq	97
76) Benzidine	19.79	184	608388	22.79	nq	100
77) Pyrene	19.97	202	2181042	41.69	nq	97
79) Butylbenzylphthalate	20.84	149	953655	46.02	nq	99
80) Benzo(a)anthracene	21.85	228	2249555	43.19	nq	98
81) 3,3'-Dichlorobenzidine	21.75	252	610353	26.70	nq	100
82) Chrysene	21.92	228	2104296	43.07	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1322894	45.97	nq	98
84) Di-n-octyl phthalate	22.99	149	2186544	45.57	nq	100
85) Indeno(1,2,3-cd)pyrene	29.13	276	2571171	41.27	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2383169	43.65	nq	98
88) Benzo(k)fluoranthene	24.25	252	2234501	43.12	nq	# 98
89) Benzo(a)pyrene	25.09	252	2283271	43.62	nq	# 99
90) Dibenzo(a,h)anthracene	29.20	278	2157171	41.53	nq	# 96
91) Benzo(g,h,i)perylene	30.34	276	2081751	40.02	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

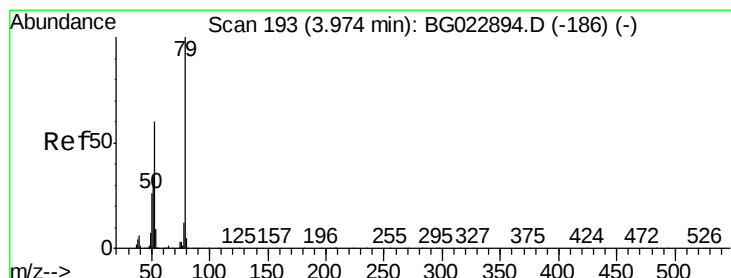
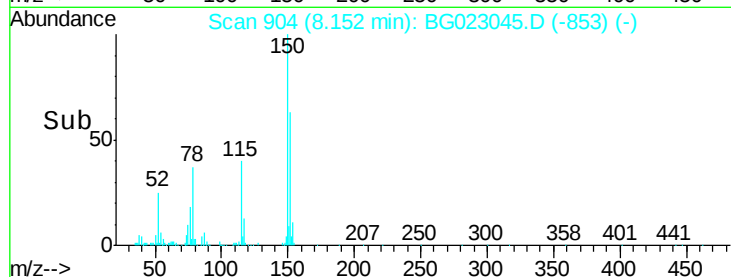
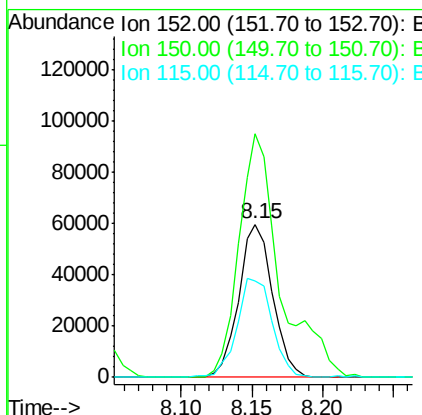
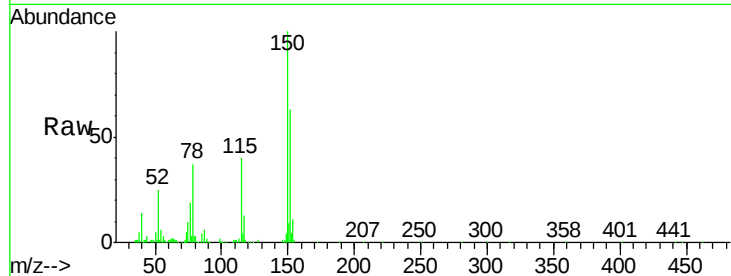
ClientSampleId :

PB92070BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	144.7	217.1
115	63.2	64.0	96.0

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#3

Pyridine

Concen: 31.35 ng

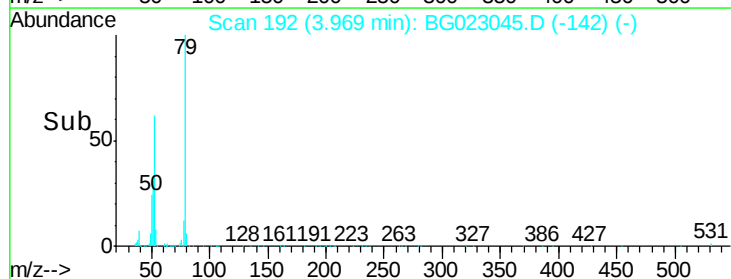
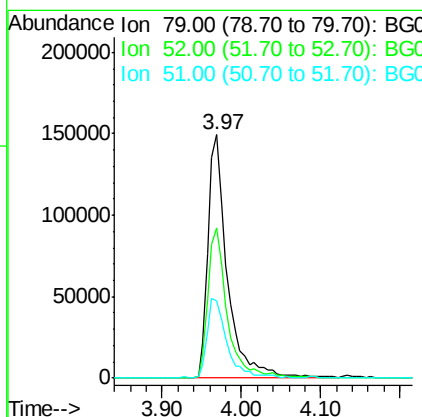
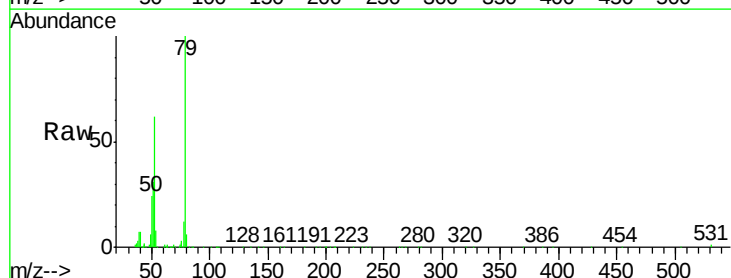
RT: 3.97 min Scan# 192

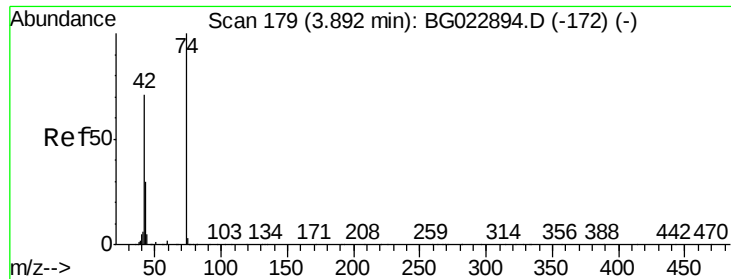
Delta R.T. -0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.7	51.8	77.8
51	31.5	32.7	49.1





#4

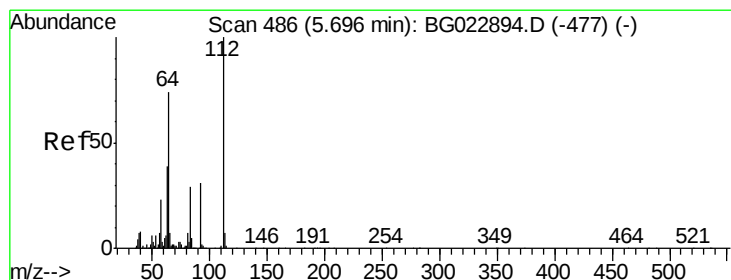
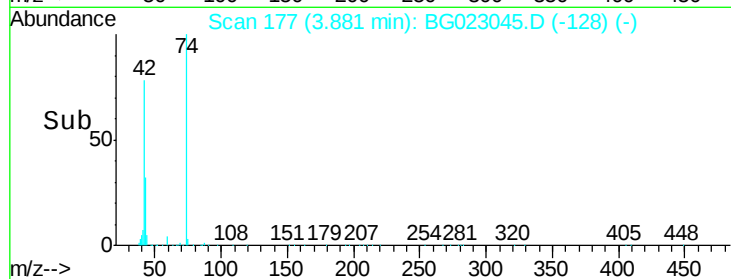
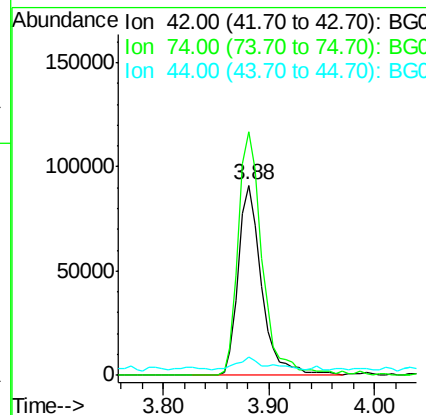
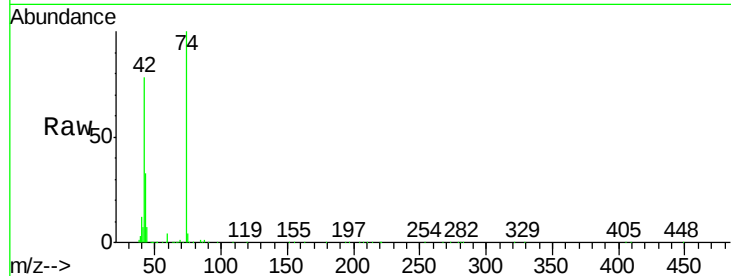
n-Nitrosodimethylamine
 Concen: 39.91 ng
 RT: 3.88 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	128.1	100.6	150.8
44	9.6	4.5	6.7#

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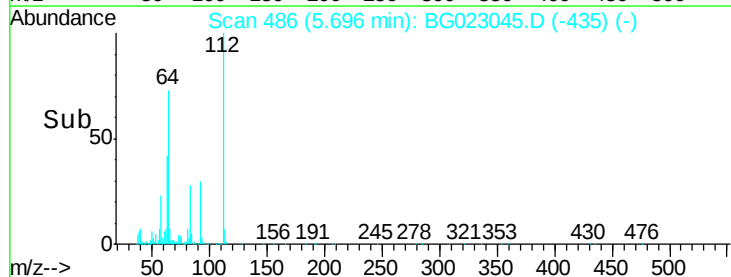
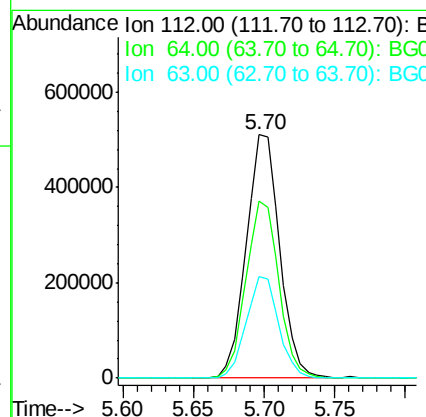
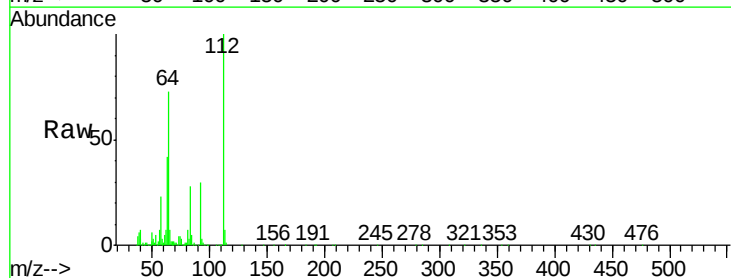
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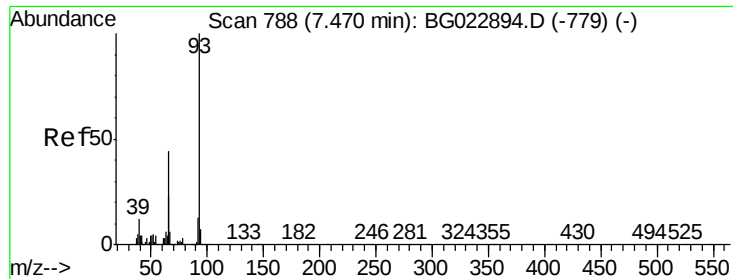


#5

2-Fluorophenol
 Concen: 138.71 ng
 RT: 5.70 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.0	88.4
63	41.9	37.8	56.8





#6

Aniline

Concen: 20.60 ng

RT: 7.47 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

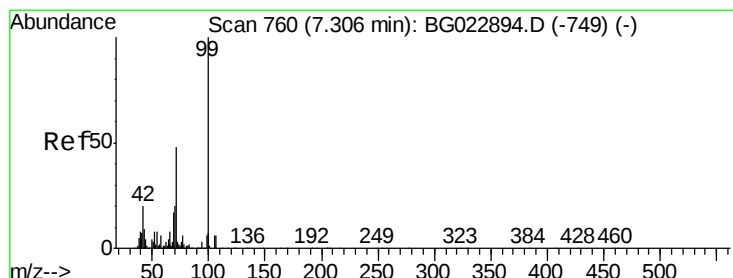
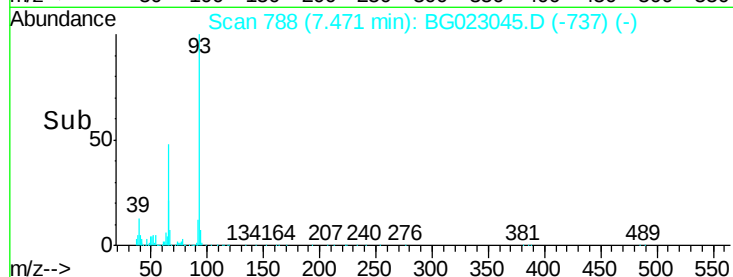
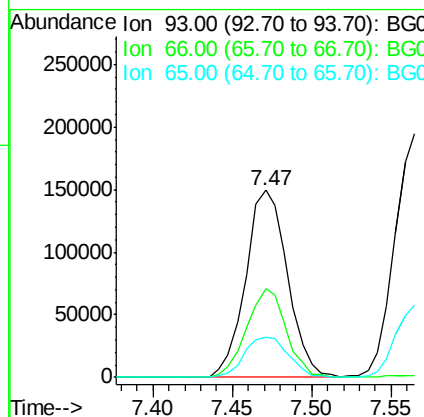
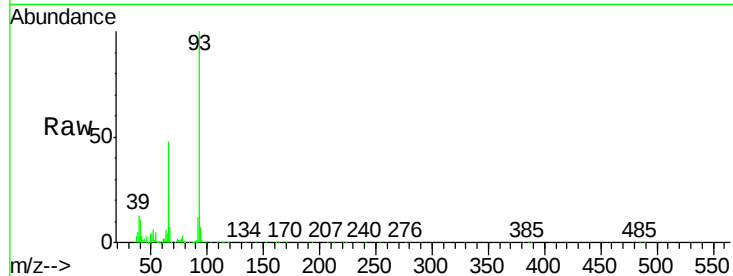
ClientSampleId :

PB92070BS

Tot Ion:	93	Resp:	273391
Ion	Ratio	Lower	Upper
93	100		
66	47.7	37.5	56.3
65	21.4	17.9	26.9

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#7

Phenol-d6

Concen: 135.89 ng

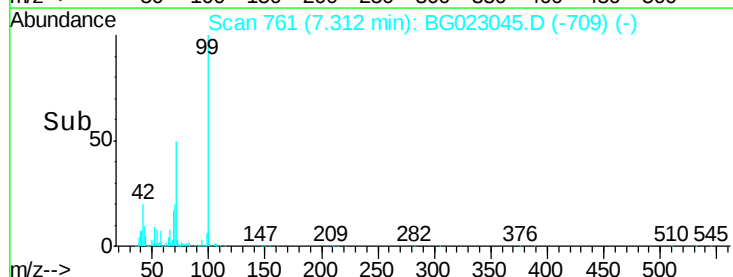
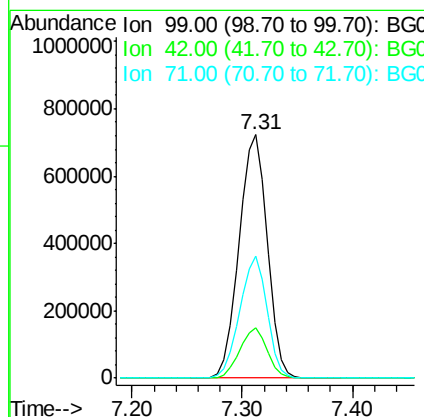
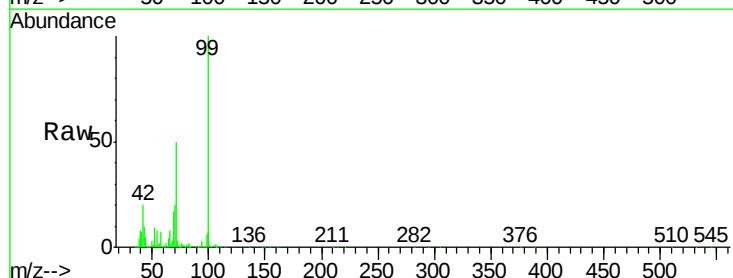
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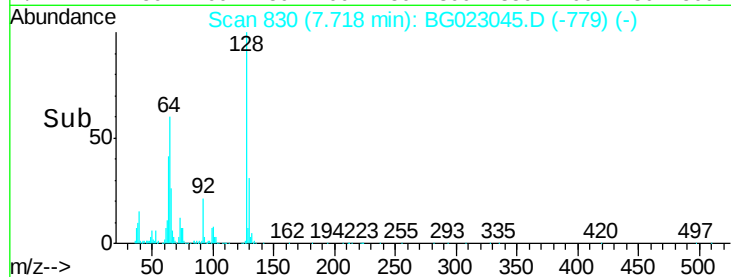
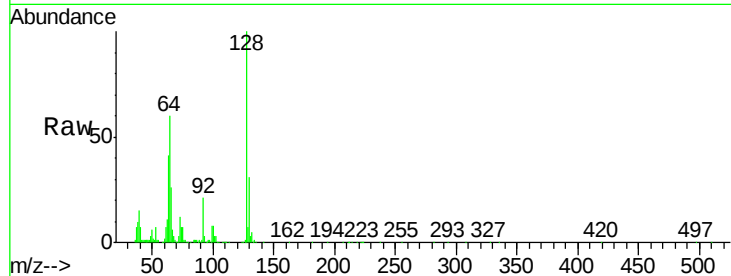
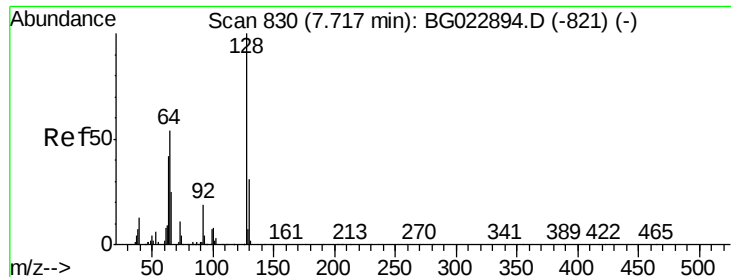
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	99	Resp:	1301396
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	50.0	41.5	62.3





#8

2-Chlorophenol

Concen: 47.06 ng

RT: 7.72 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tot Ion:	128	Resp:	306214
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	60.3	42.0	82.0

Instrument :

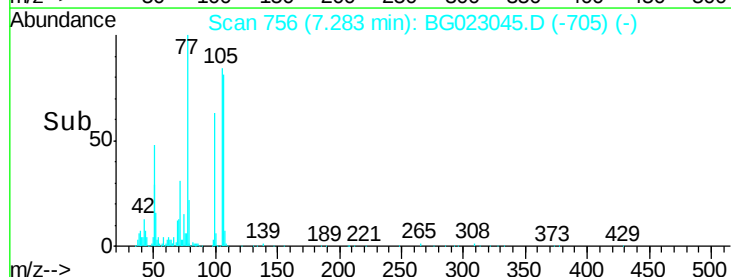
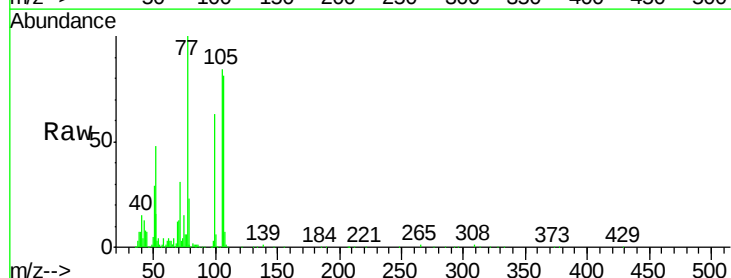
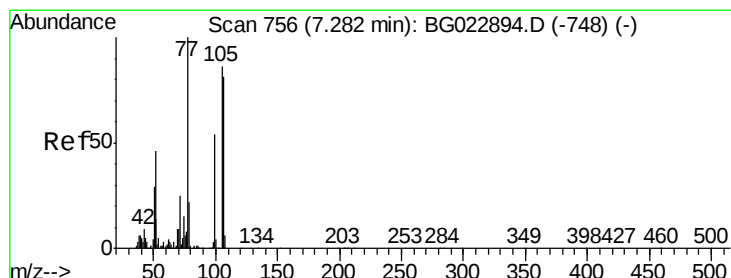
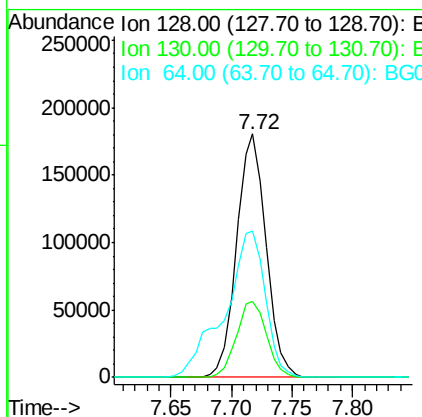
BNA_G

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PB92070BS

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#9

Benzaldehyde

Concen: 22.09 ng

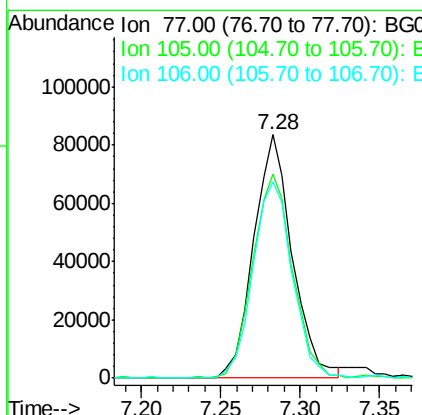
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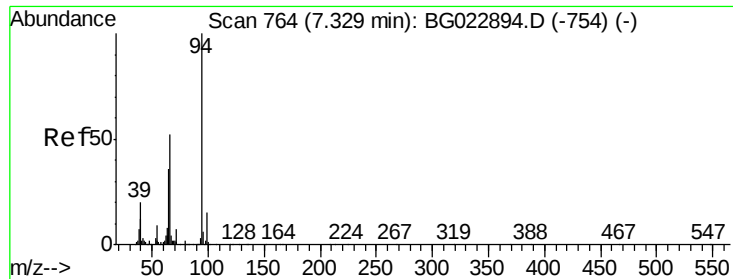
Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	77	Resp:	141357
Ion Ratio	Lower	Upper	
77	100		
105	84.0	58.7	98.7
106	80.6	67.5	107.5





#10

Phenol

Concen: 47.44 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

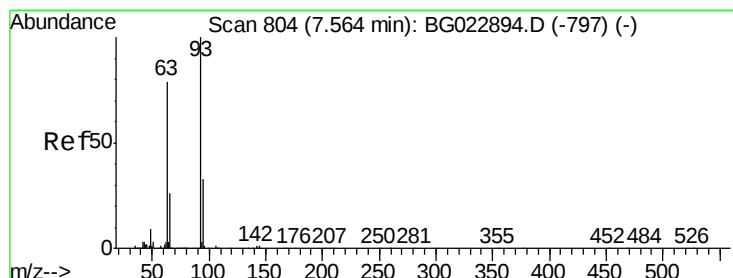
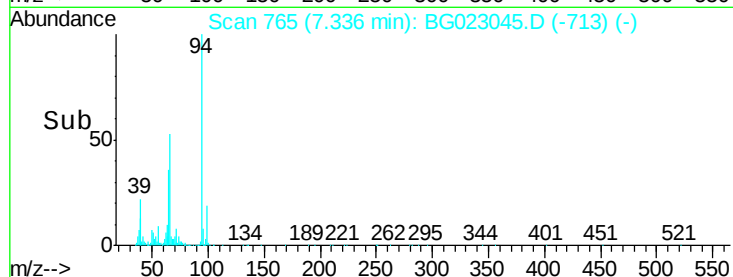
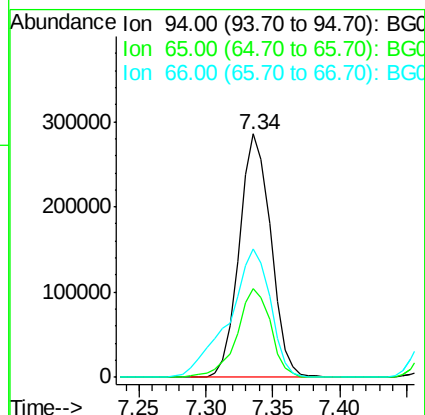
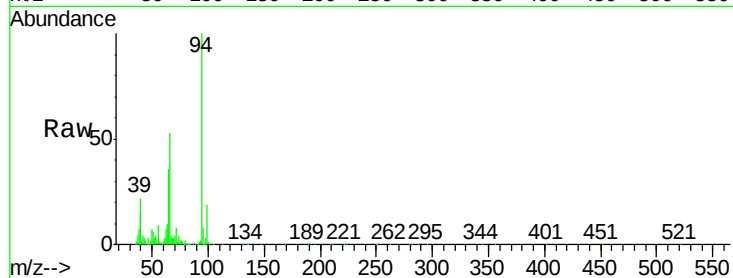
ClientSampleId :

PB92070BS

Tot Ion:	94	Resp:	467473
Ion	Ratio	Lower	Upper
94	100		
65	36.4	18.1	58.1
66	53.0	42.1	82.1

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 40.29 ng

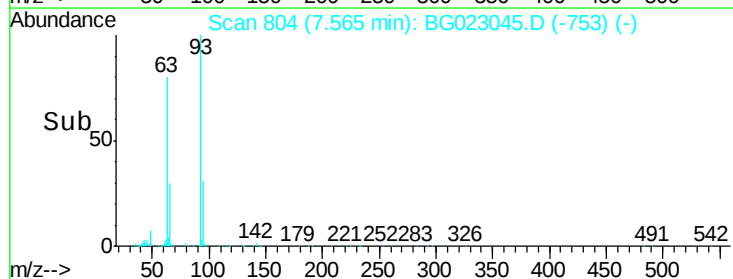
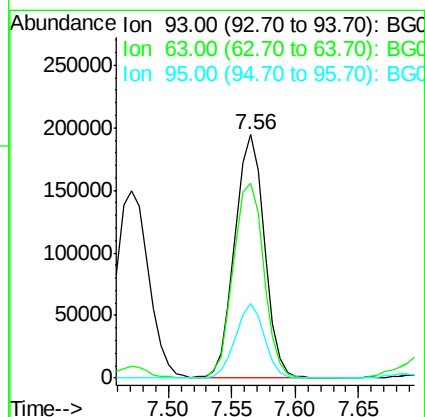
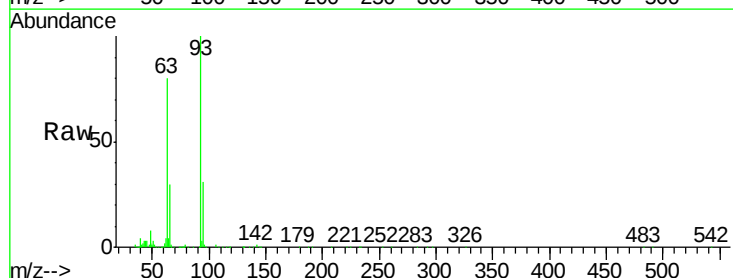
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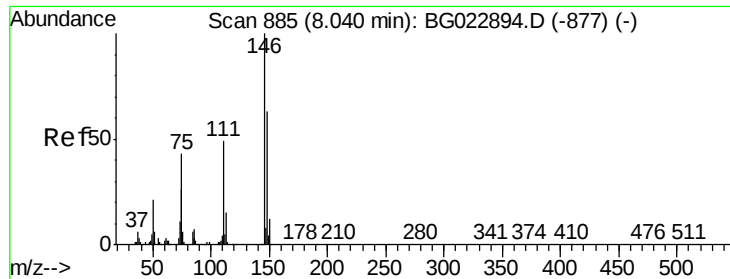
Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	93	Resp:	314657
Ion	Ratio	Lower	Upper
93	100		
63	80.1	55.0	95.0
95	30.7	11.0	51.0





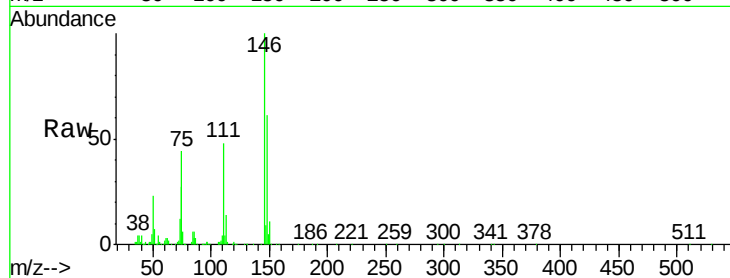
#12
1,3-Dichlorobenzene
Concen: 38.51 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

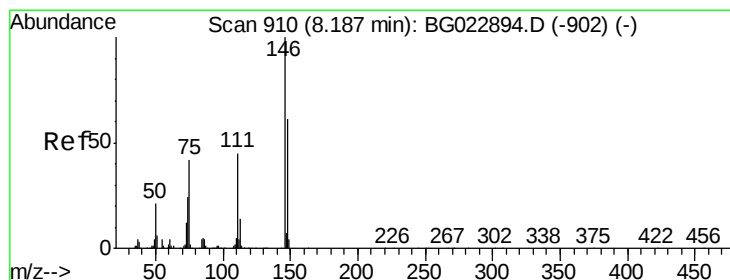
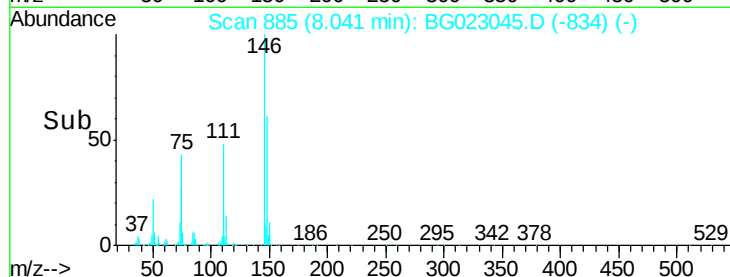
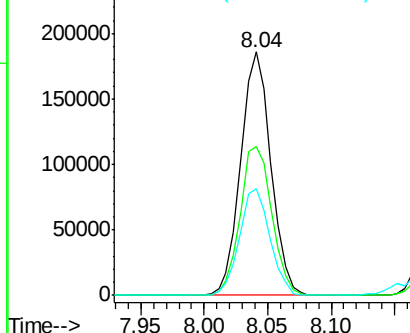
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.3	75.5
75	43.9	37.0	55.6

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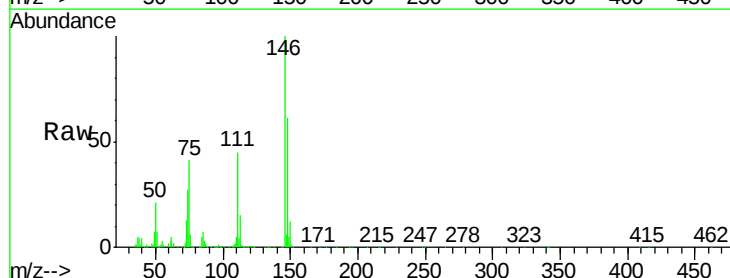


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B

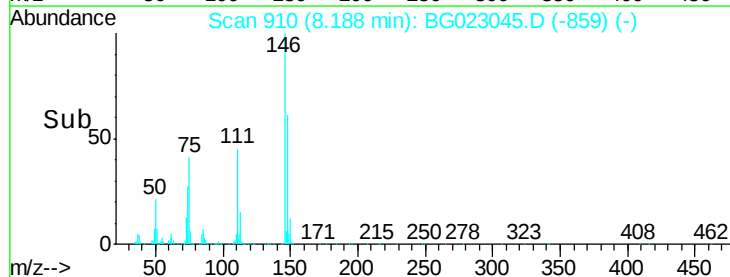
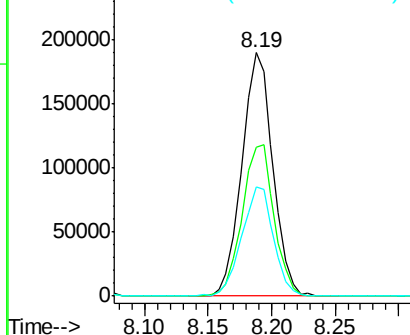


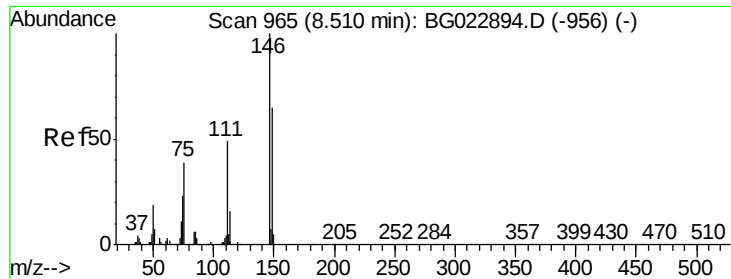
#13
1,4-Dichlorobenzene
Concen: 40.11 ng
RT: 8.19 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.5	81.7
111	44.6	37.8	56.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





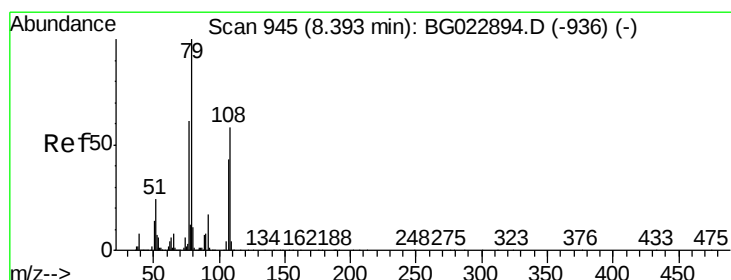
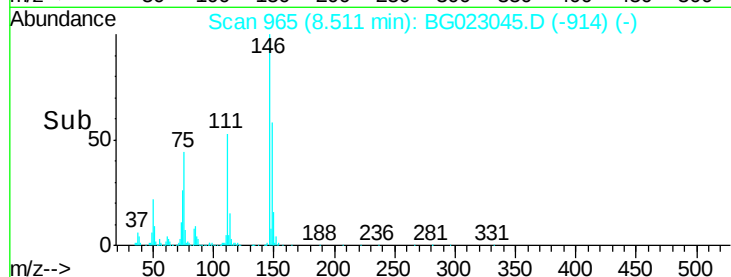
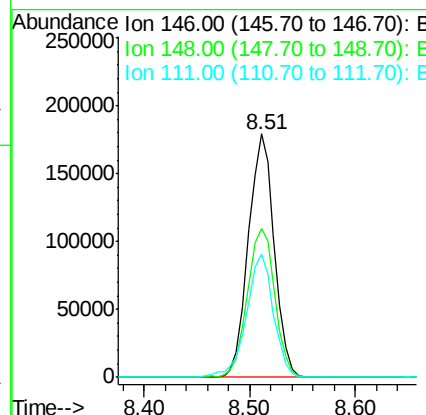
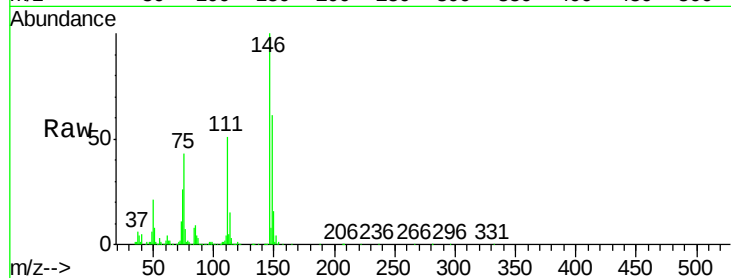
#14
1,2-Dichlorobenzene
Concen: 38.37 ng
RT: 8.51 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.9	79.3
111	50.8	43.5	65.3

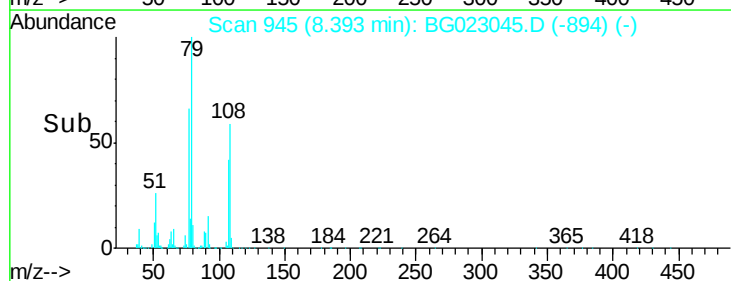
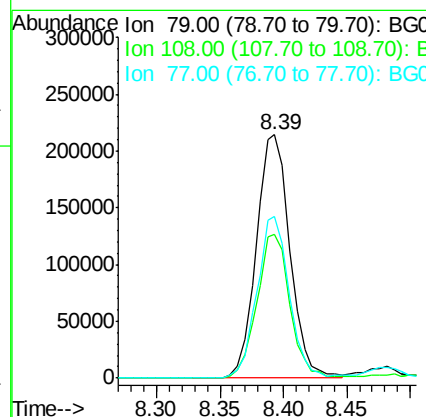
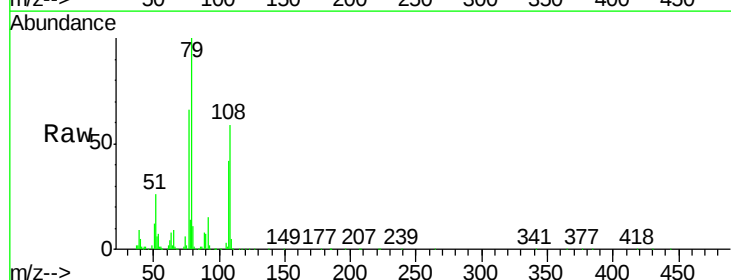
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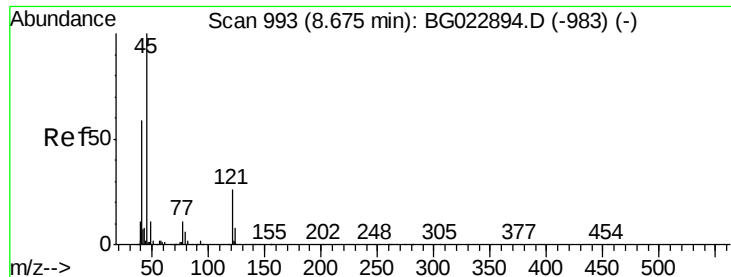
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#15
Benzyl Alcohol
Concen: 45.07 ng
RT: 8.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
79	100		
108	58.9	46.5	69.7
77	66.4	52.3	78.5





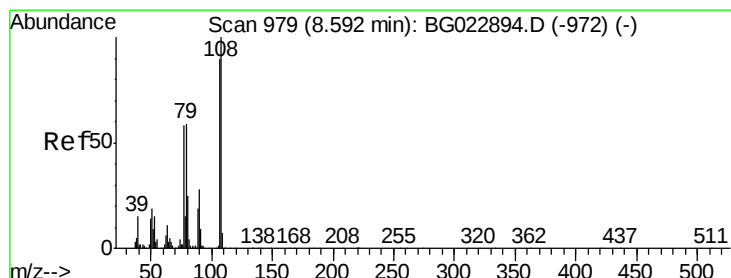
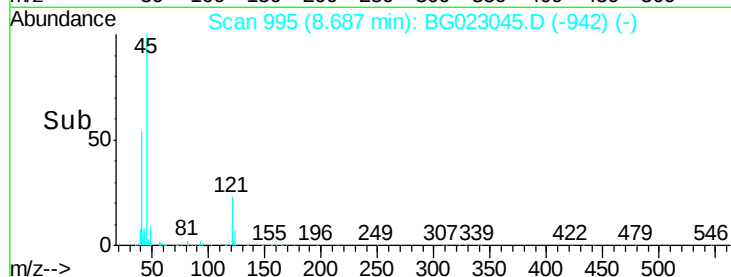
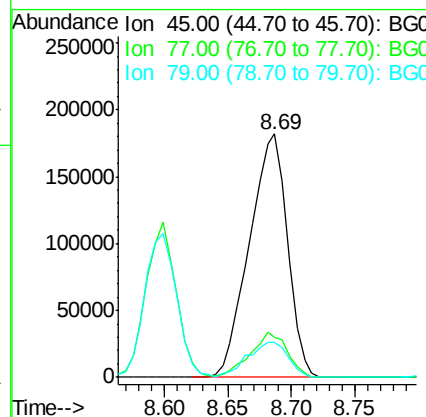
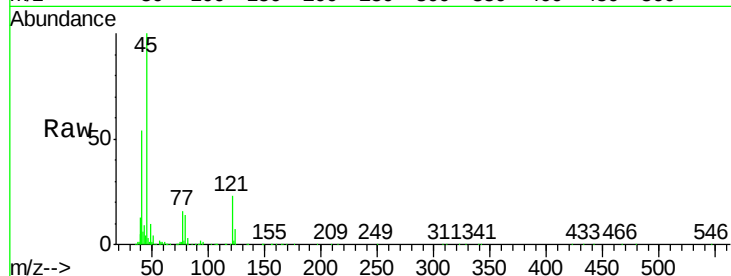
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.84 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.6	40.6
79	14.3	0.0	36.2

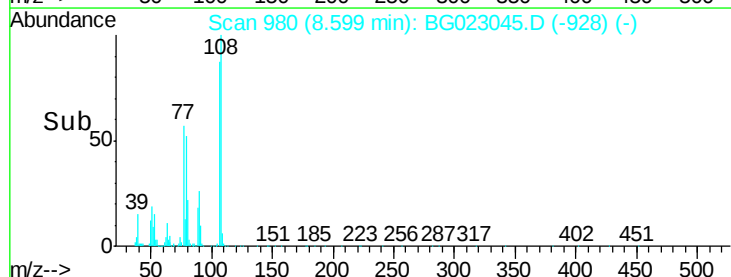
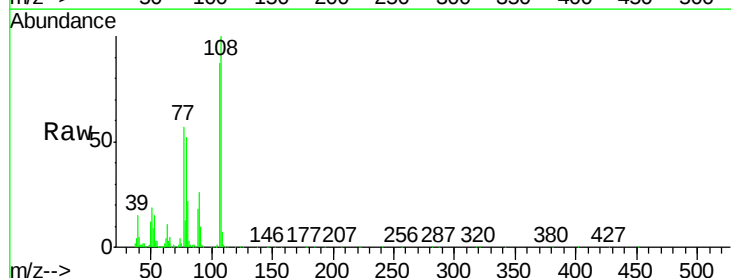
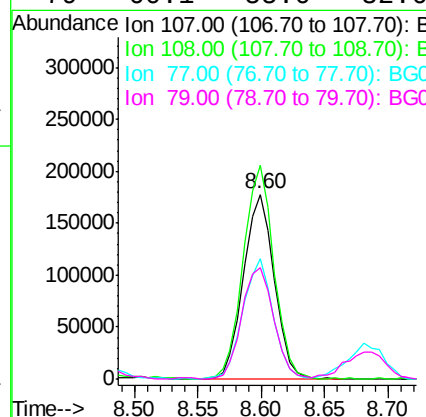
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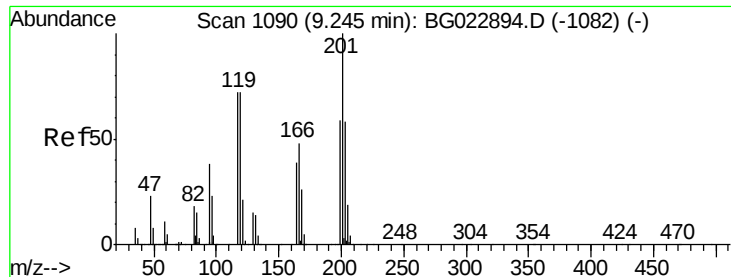
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#17
2-Methylphenol
Concen: 46.61 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.0	138.0
77	65.4	55.8	83.6
79	60.1	55.0	82.6





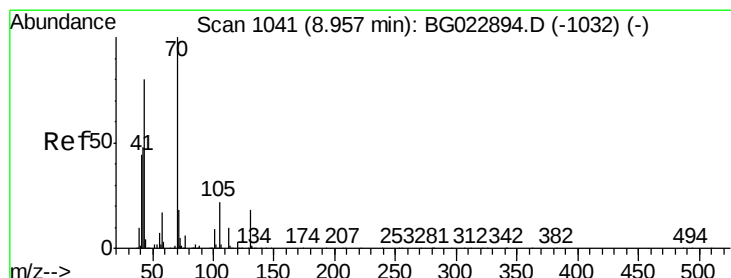
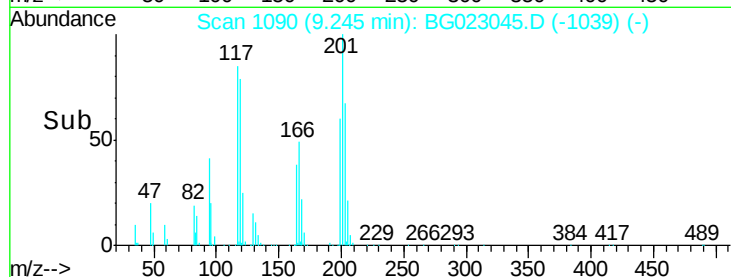
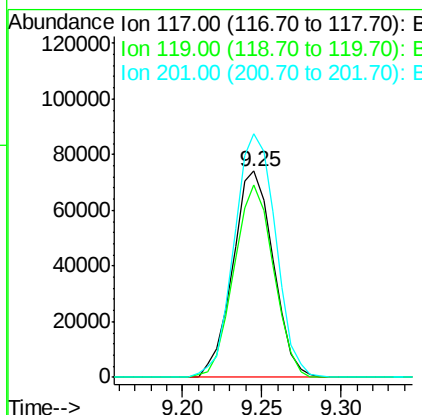
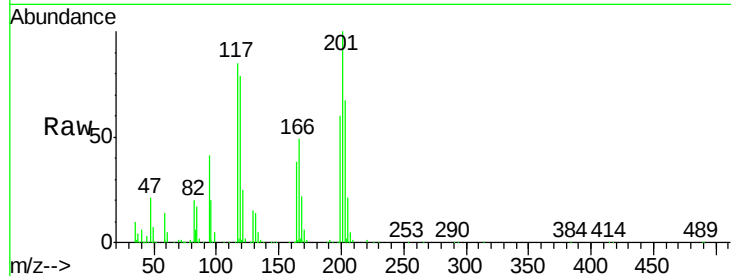
#18
Hexachloroethane
Concen: 39.08 ng
RT: 9.25 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.4	73.7	110.5
201	115.7	88.7	133.1

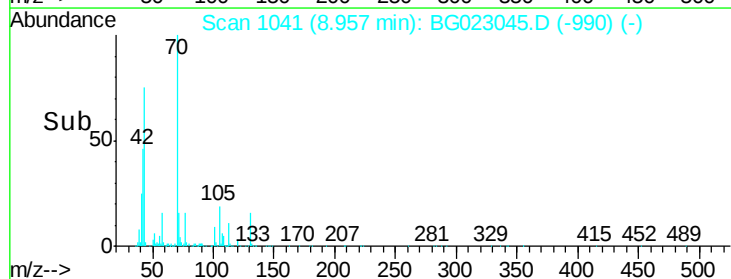
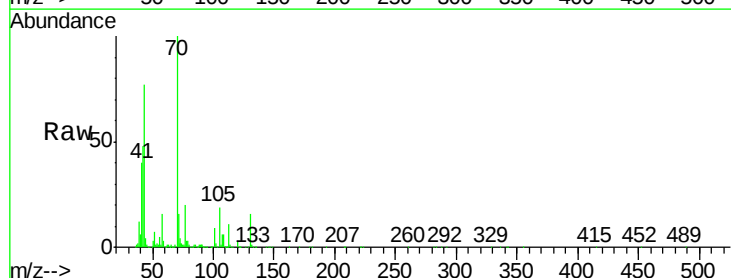
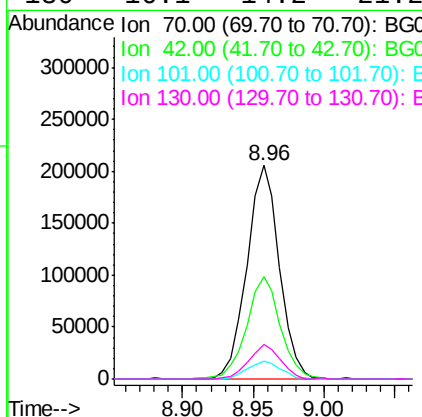
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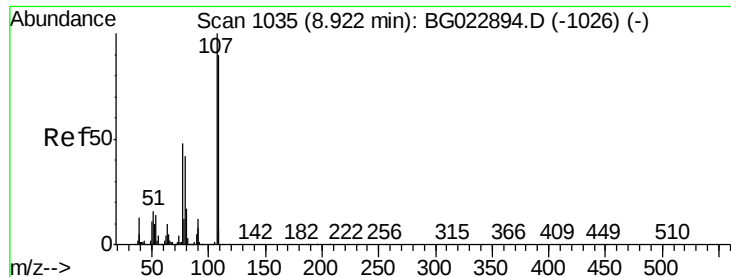
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#19
n-Nitroso-di-n-propylamine
Concen: 38.33 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	42.1	63.1
101	8.5	7.2	10.8
130	16.1	14.2	21.2





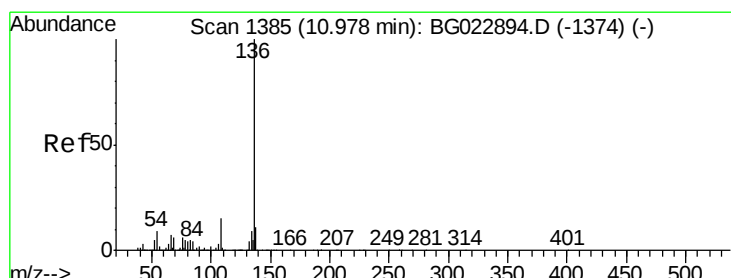
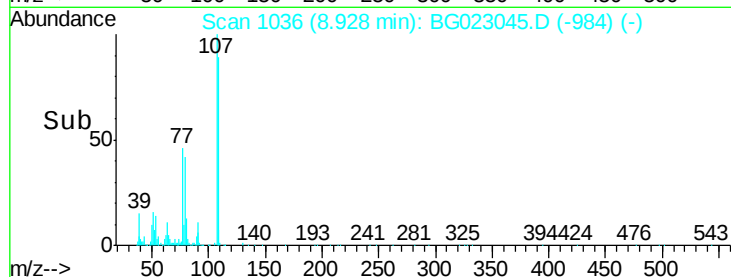
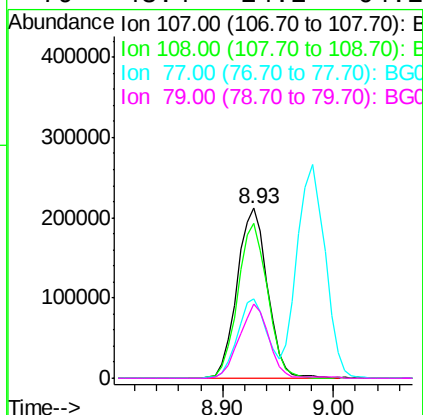
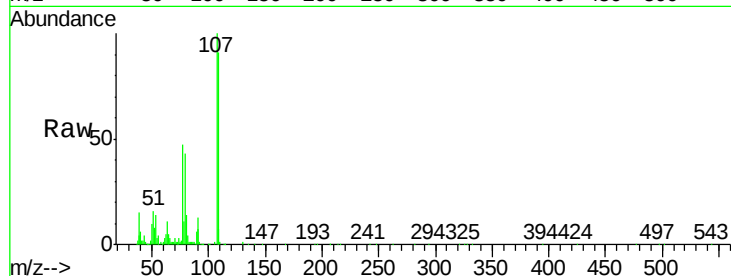
#20
3+4-Methylphenols
Concen: 46.02 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	411676		
108	108	91.4		72.5	112.5
77	77	47.0		30.1	70.1
79	79	43.4		24.2	64.2

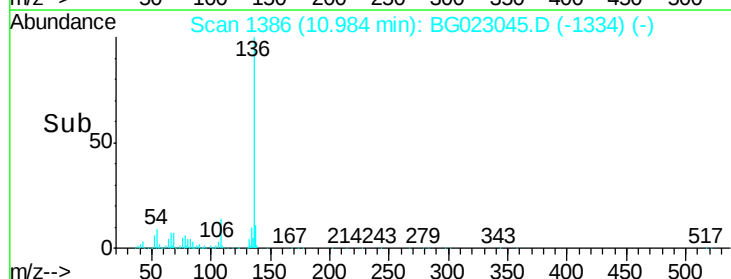
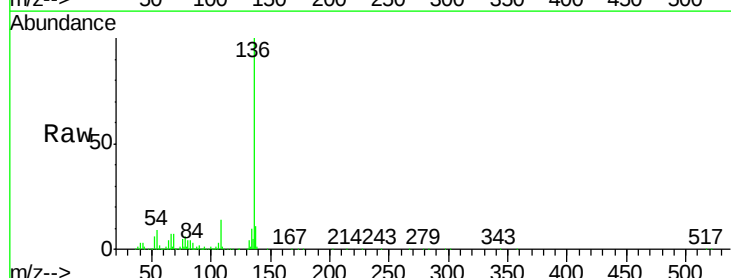
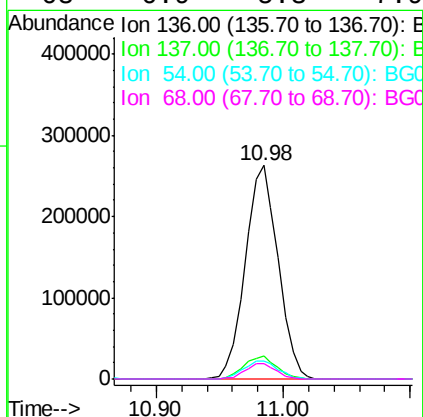
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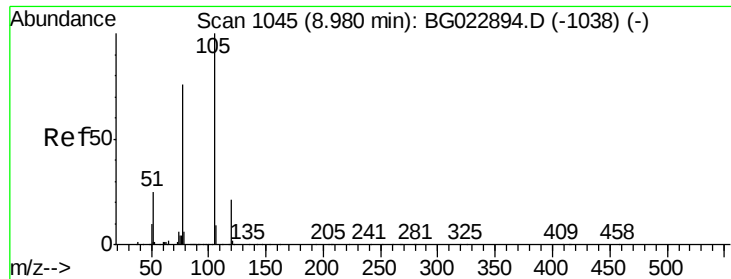
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	471130		
137	137	10.6		9.6	14.4
54	54	8.5		7.3	10.9
68	68	6.9		5.3	7.9





#22

Acetophenone

Concen: 37.26 ng

RT: 8.98 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BG023045.D

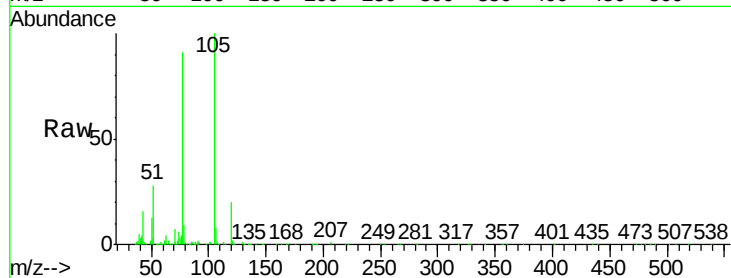
Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

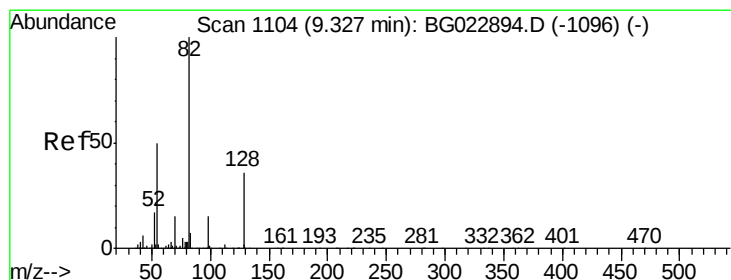
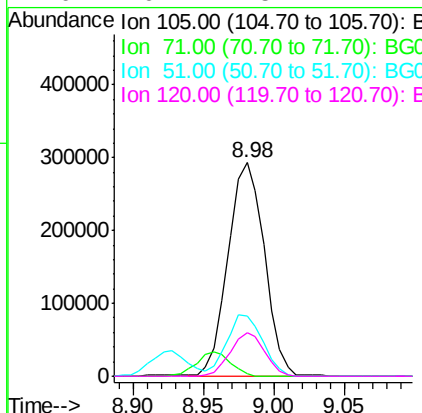
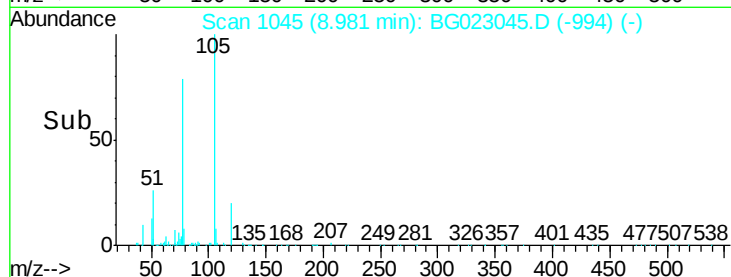
PB92070BS



Tot Ion:	105	Resp:	526848
Ion Ratio	Lower	Upper	
105	100		
71	1.0	2.6	3.8#
51	28.0	27.1	40.7
120	20.1	15.1	22.7

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#23

Nitrobenzene-d5

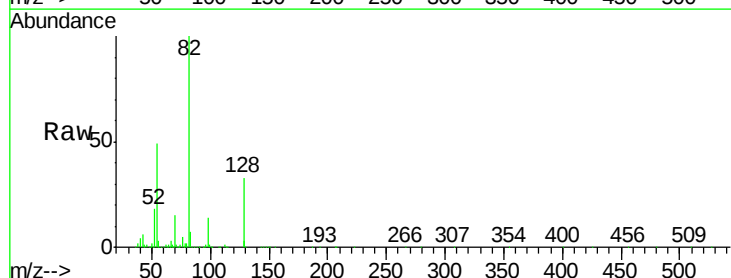
Concen: 82.56 ng

RT: 9.33 min Scan# 1104

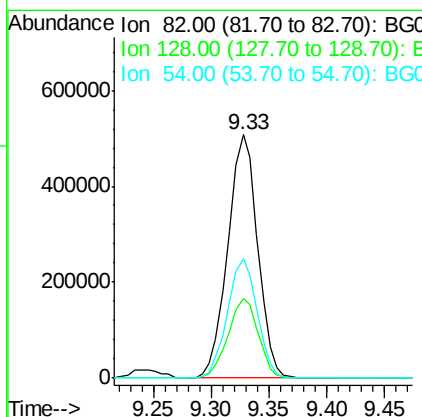
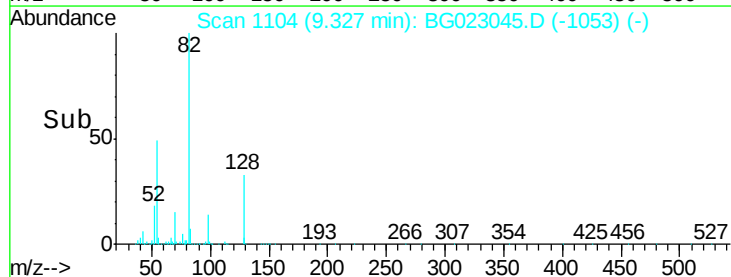
Delta R.T. 0.00 min

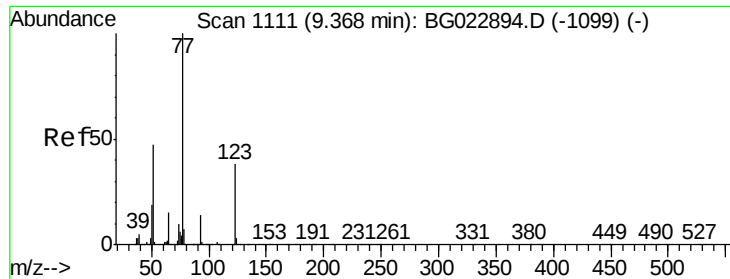
Lab File: BG023045.D

Acq: 12 Jul 2016 20:45



Tgt Ion:	82	Resp:	908334
Ion Ratio	Lower	Upper	
82	100		
128	33.0	24.4	36.6
54	49.1	41.4	62.0





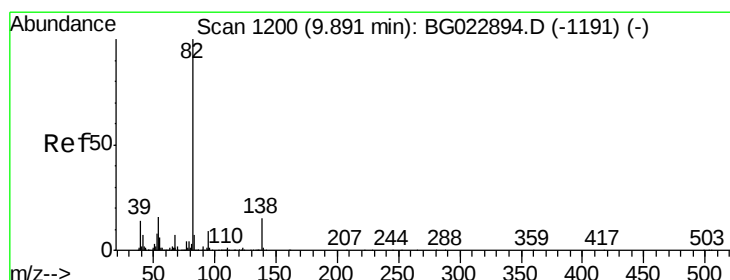
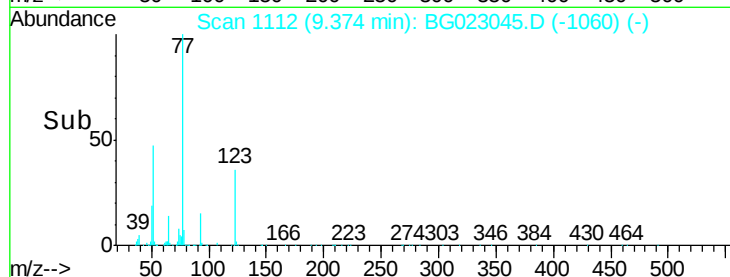
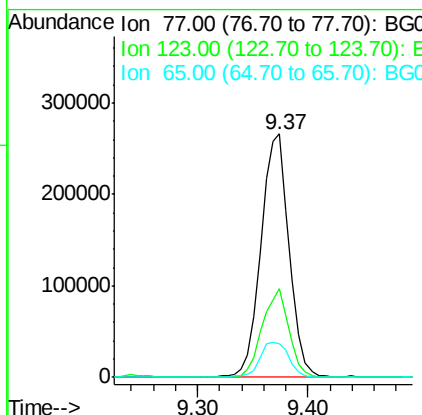
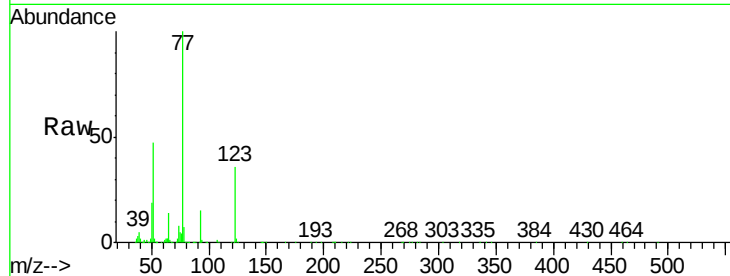
#24
Nitrobenzene
Concen: 40.58 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	36.4	25.0	37.6
65	13.9	13.4	20.0

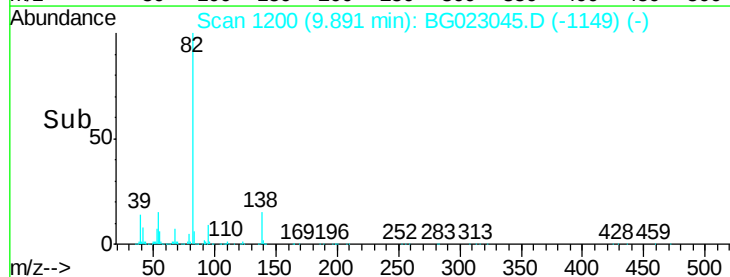
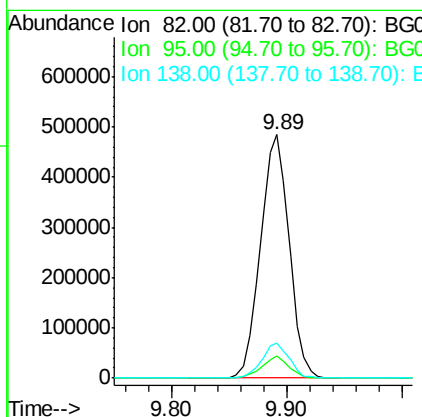
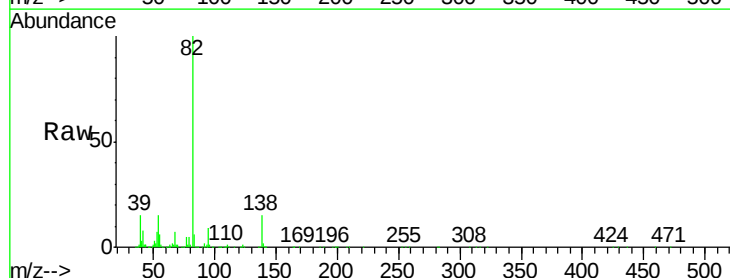
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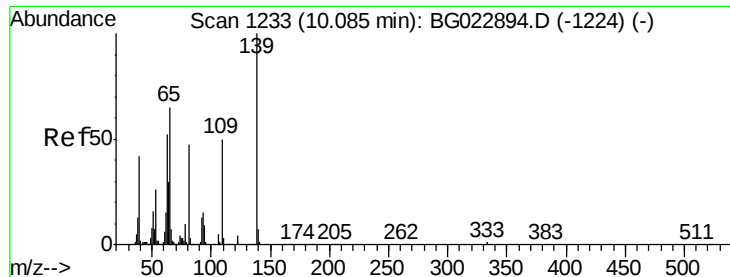
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#25
Isophorone
Concen: 37.78 ng
RT: 9.89 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.2	8.2	12.2
138	14.6	10.7	16.1





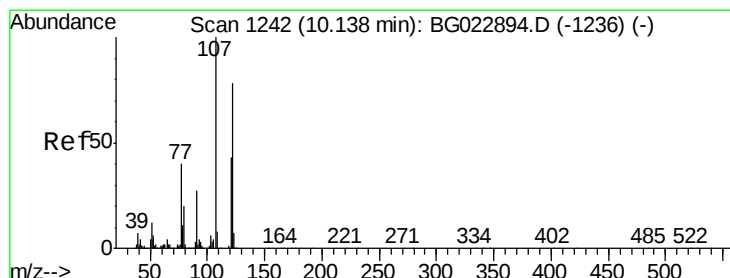
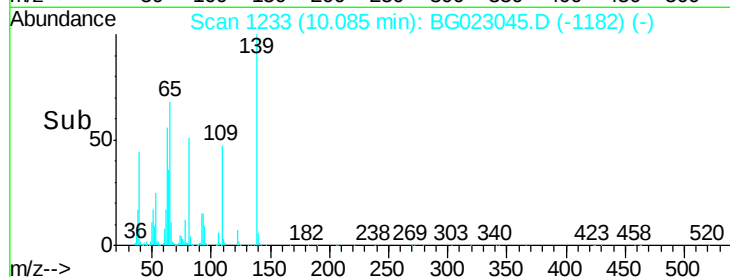
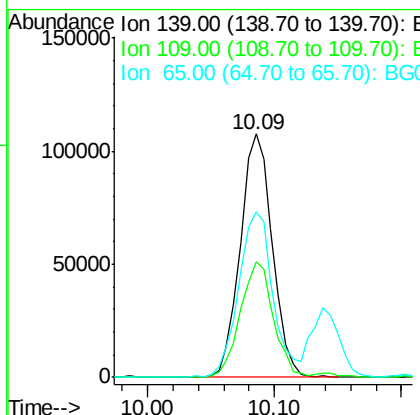
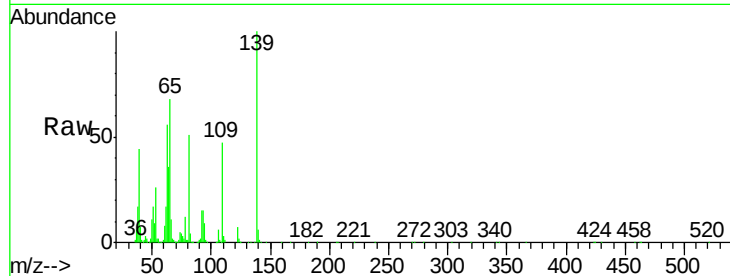
#26
2-Nitrophenol
Concen: 41.14 ng
RT: 10.09 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	47.5	43.5	65.3	
65	68.2	64.3	96.5	

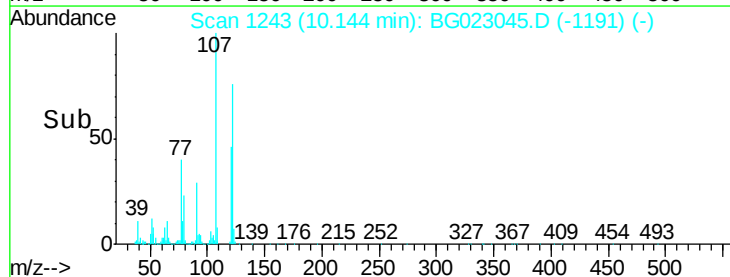
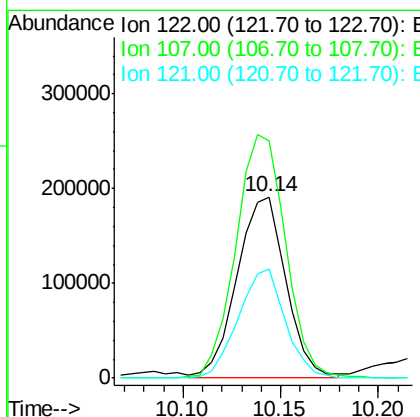
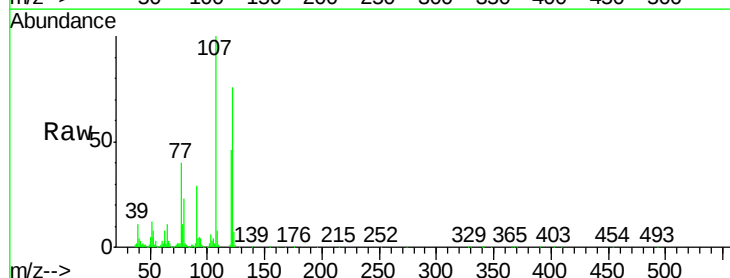
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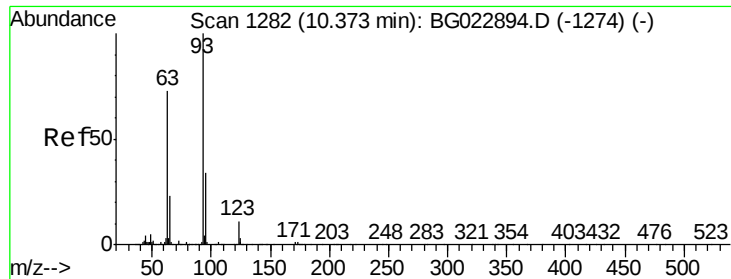
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#27
2,4-Dimethylphenol
Concen: 41.41 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	131.4	117.0	175.4	
121	60.2	50.1	75.1	





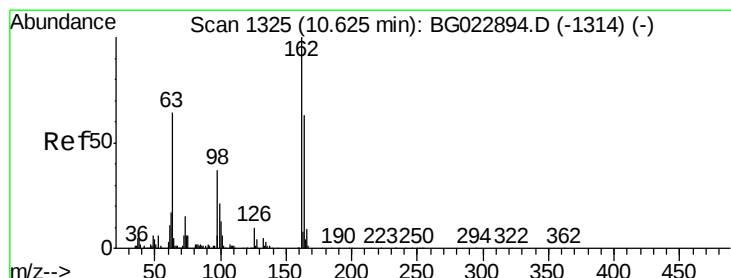
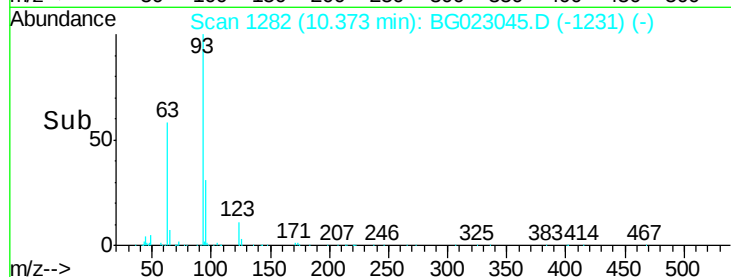
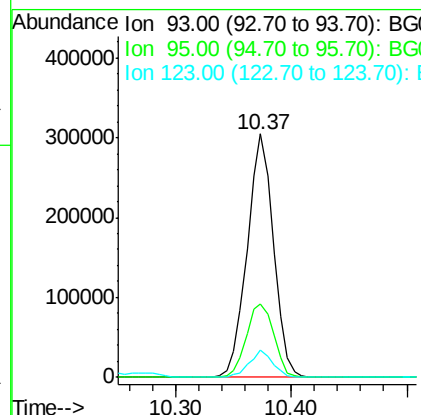
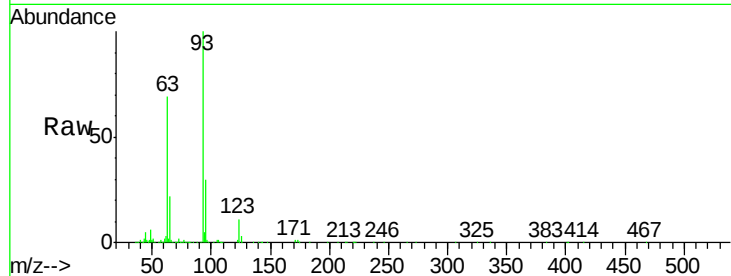
#28
bis(2-Chloroethoxy)methane
Concen: 38.92 ng
RT: 10.37 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.4	38.2
123	11.0	8.2	12.2

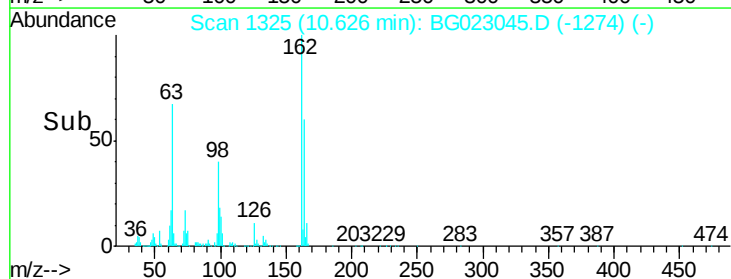
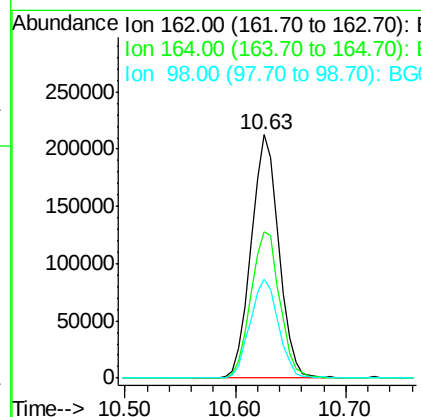
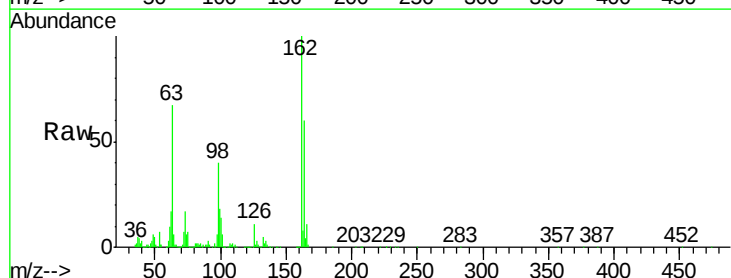
Manual Integrations
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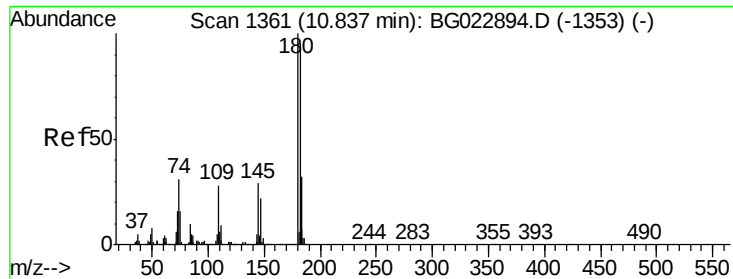
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#29
2,4-Dichlorophenol
Concen: 44.19 ng
RT: 10.63 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.0	44.3	84.3
98	40.4	19.5	59.5





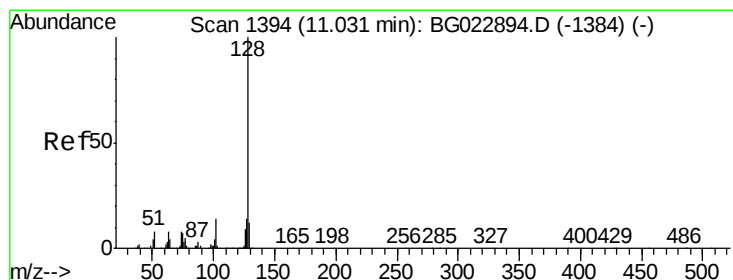
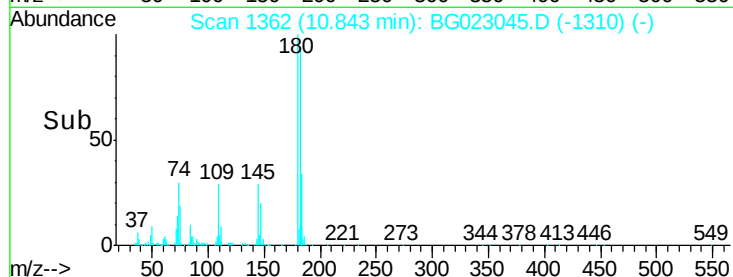
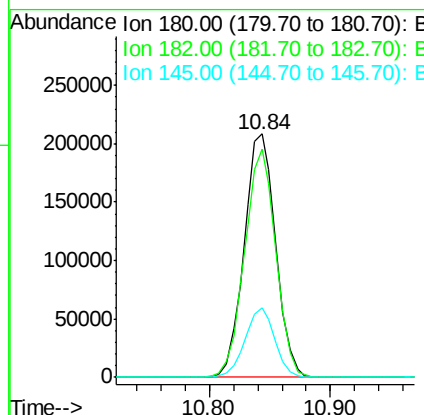
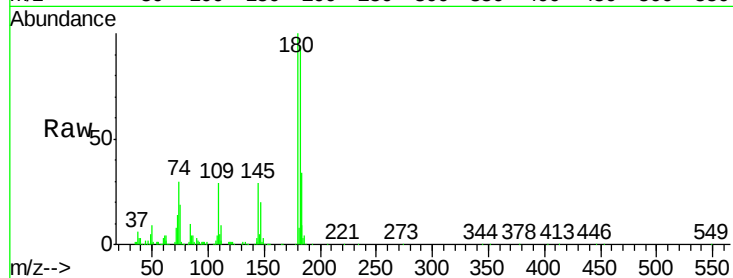
#30
 1,2,4-Trichlorobenzene
 Concen: 38.99 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Instrument :
 BNA_G
 ClientSampled :
 PB92070BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.8	110.8
145	28.7	24.4	36.6

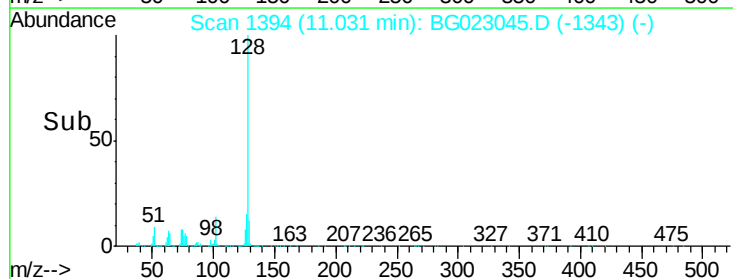
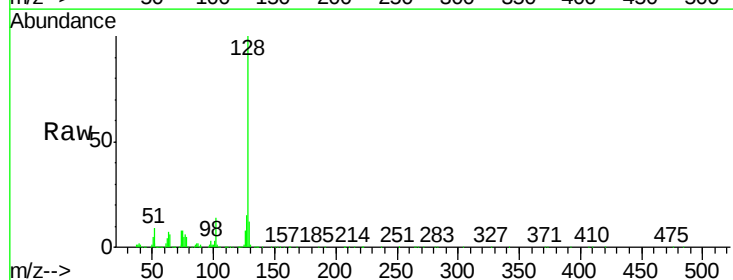
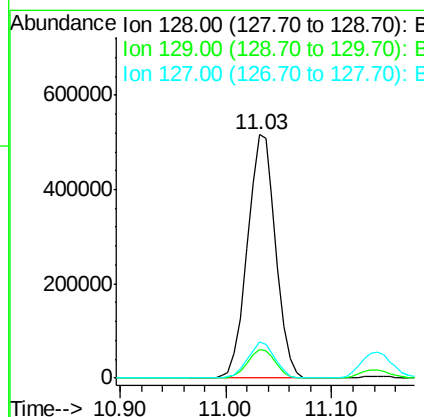
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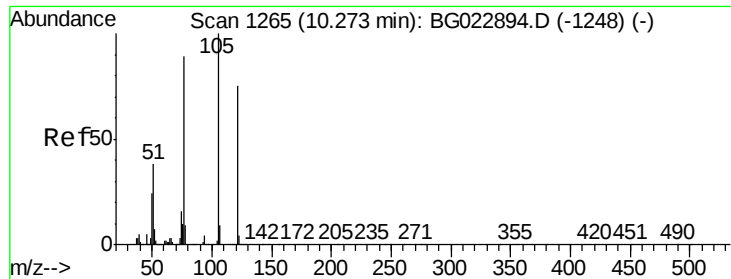
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#31
 Naphthalene
 Concen: 39.76 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.9	11.3	16.9





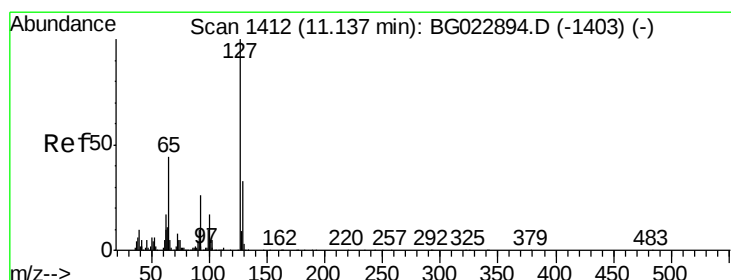
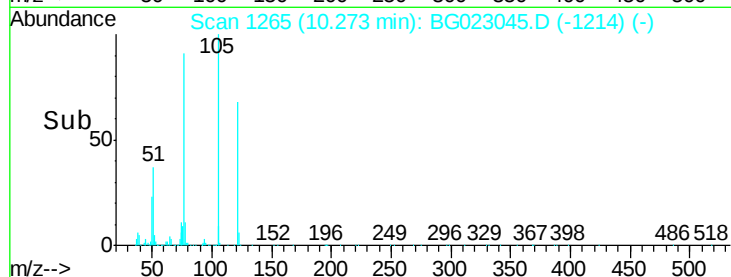
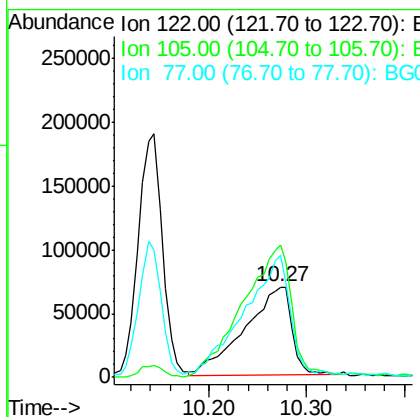
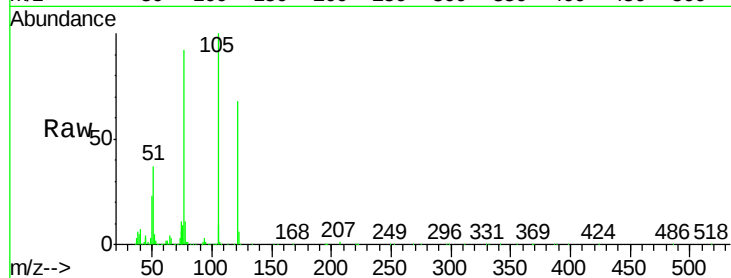
#32
Benzoic acid
Concen: 32.70 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampled :
PB92070BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	147.3	117.2	157.2
77	134.9	109.2	149.2

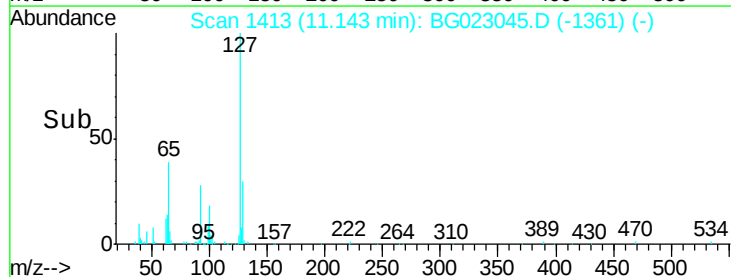
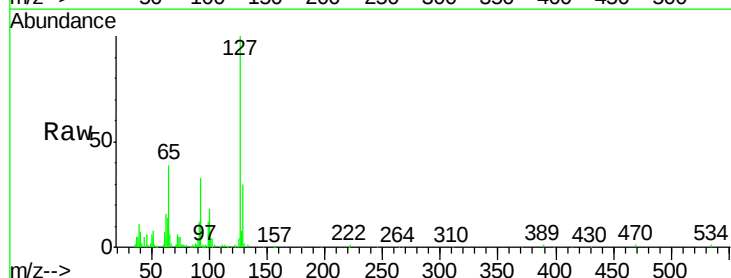
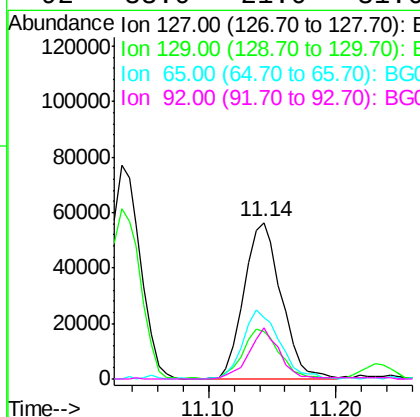
Manual Integrations
APPROVED

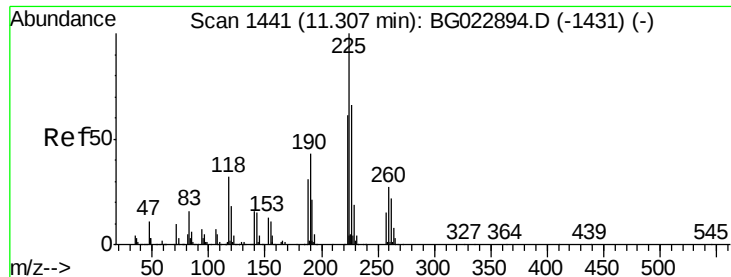
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#33
4-Chloroaniline
Concen: 9.85 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.9	41.9
65	38.8	36.8	55.2
92	33.0	21.0	31.6#





#34

Hexachlorobutadiene

Concen: 36.82 ng

RT: 11.31 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

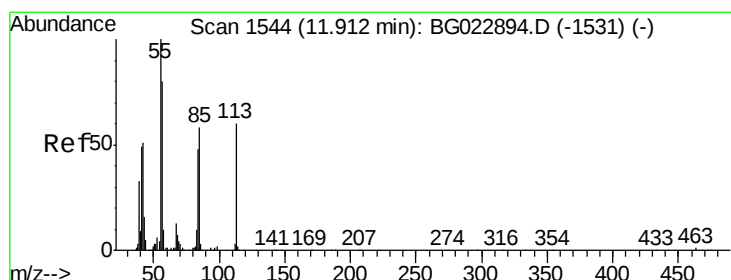
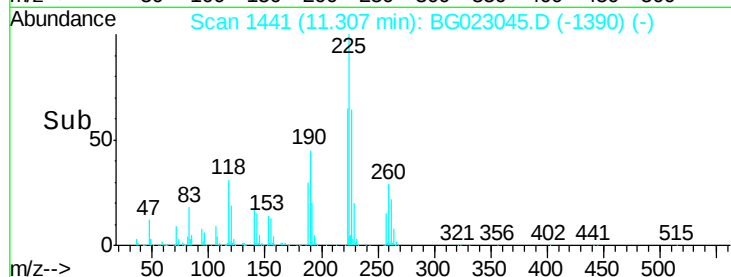
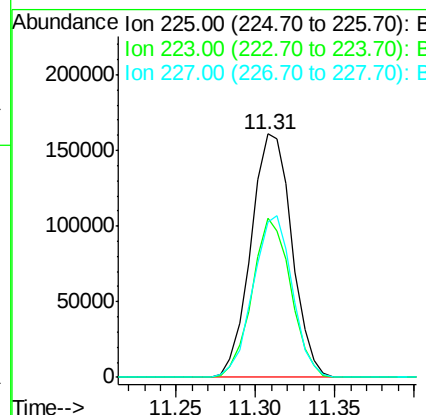
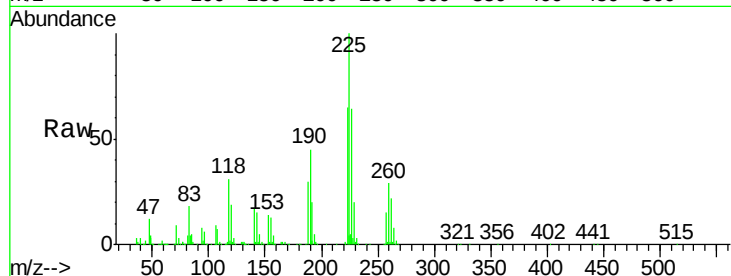
ClientSampleId :

PB92070BS

Tot Ion:	225	Resp:	289287
Ion Ratio		Lower	Upper
225	100		
223	65.2	49.6	74.4
227	63.6	54.5	81.7

Manual Integrations
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#35

Caprolactam

Concen: 37.89 ng m

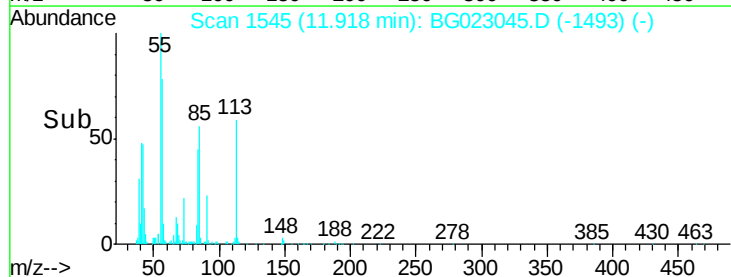
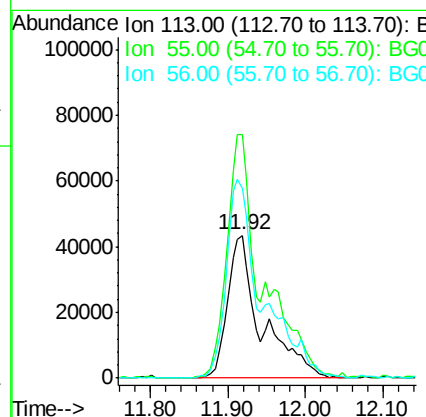
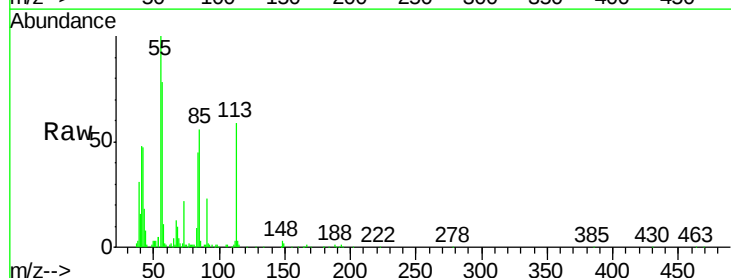
RT: 11.92 min Scan# 1545

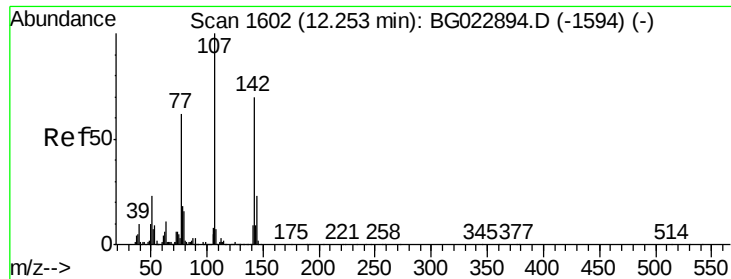
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	113	Resp:	131839
Ion Ratio		Lower	Upper
113	100		
55	170.8	154.5	194.5
56	132.8	125.1	165.1





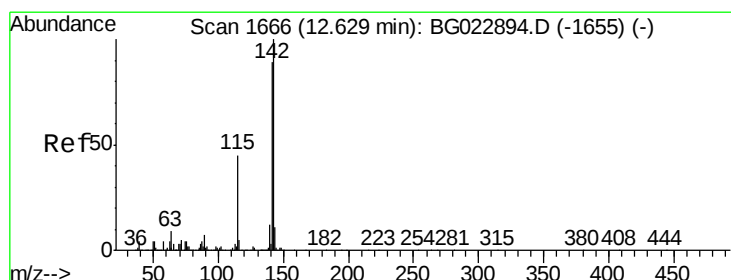
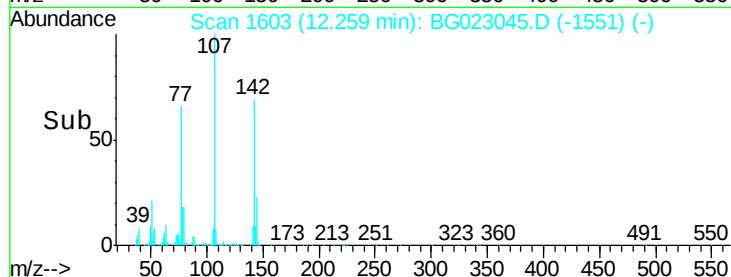
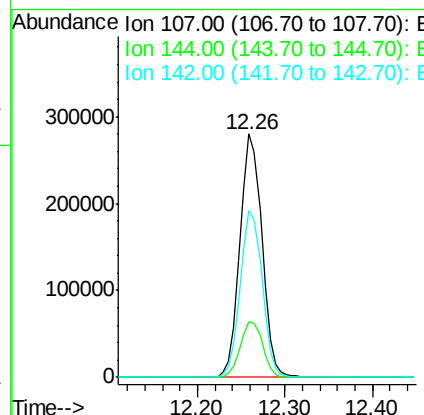
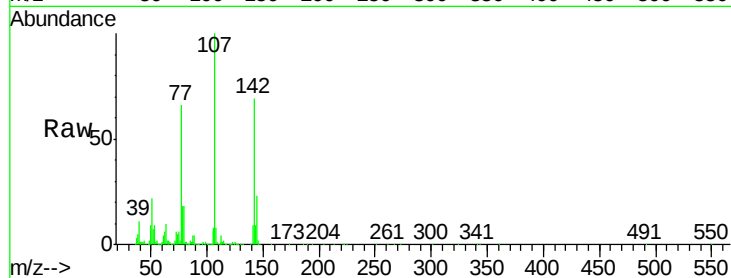
#36
 4-Chloro-3-methylphenol
 Concen: 41.10 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.7	17.0	25.6
142	68.6	53.0	79.6

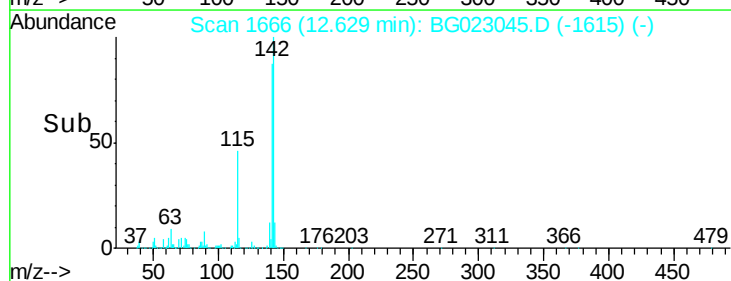
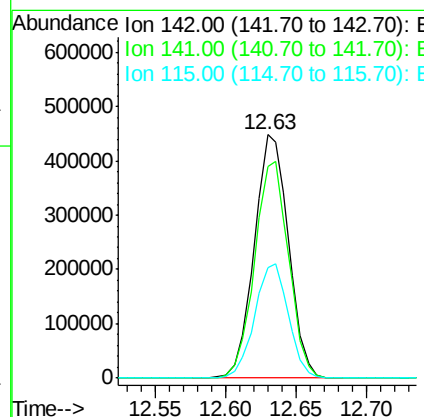
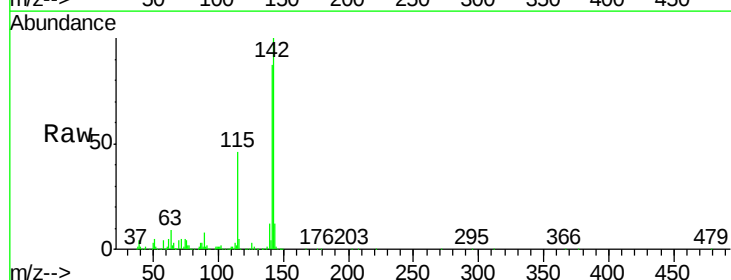
Manual Integrations
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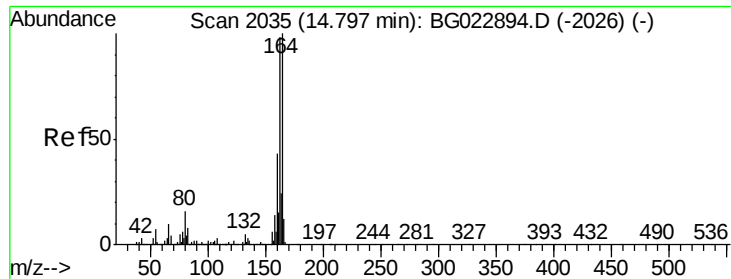
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#37
 2-Methylnaphthalene
 Concen: 40.21 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.2	105.2
115	45.5	41.7	62.5





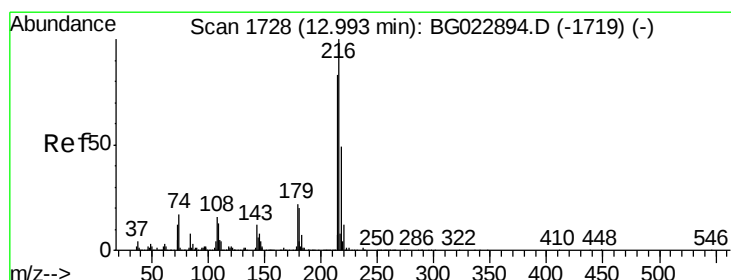
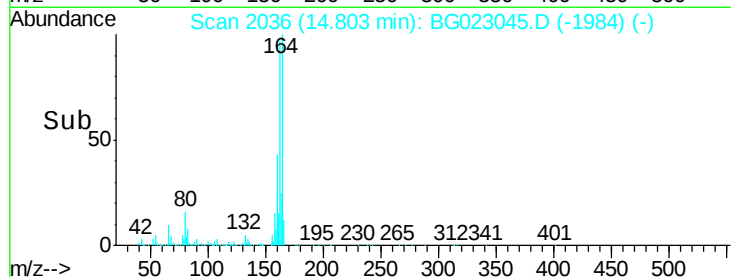
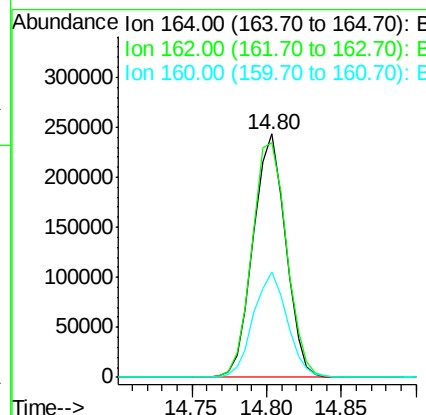
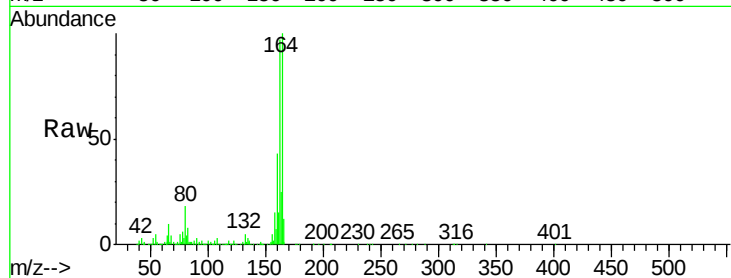
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.6	87.7	131.5
160	43.3	37.2	55.8

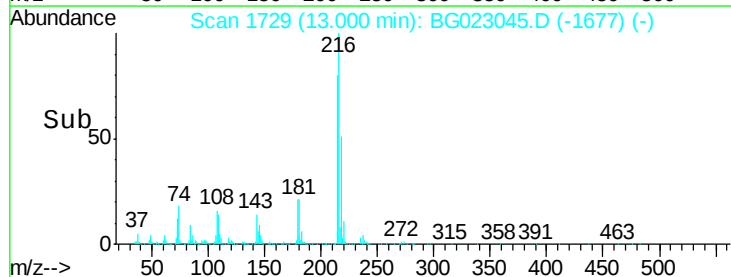
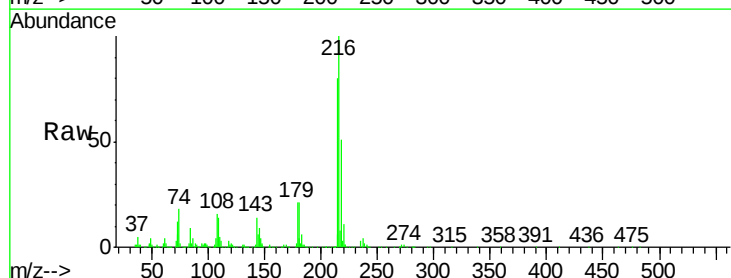
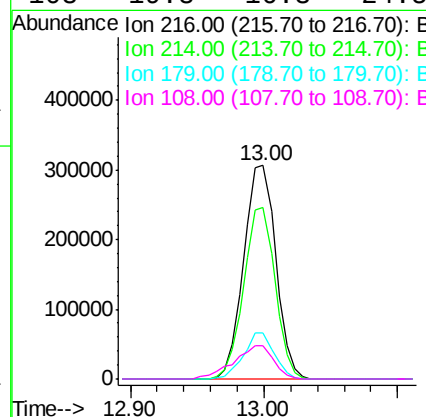
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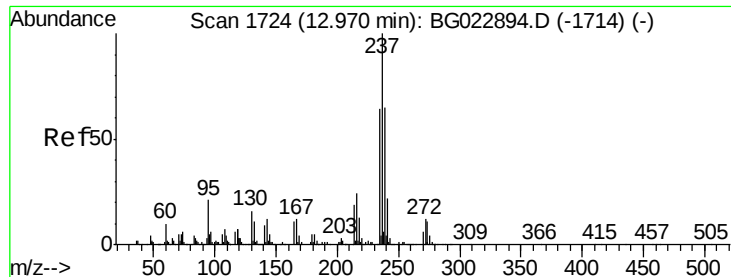
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.30 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	20.5	17.2	25.8
108	19.8	16.3	24.5





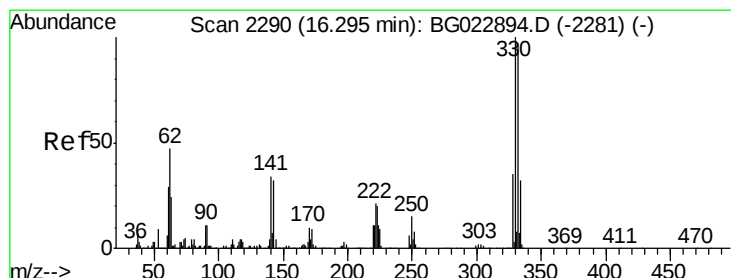
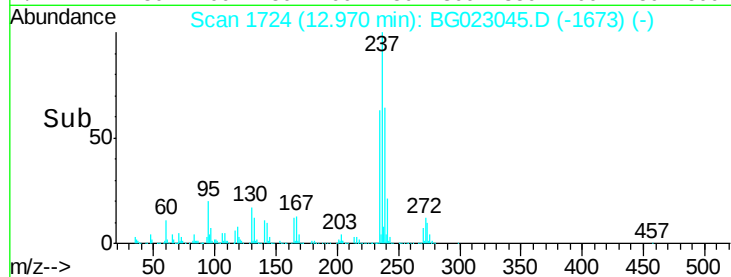
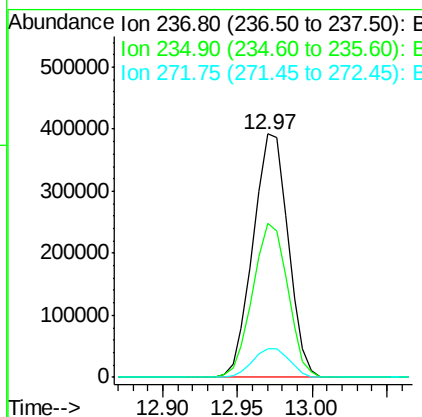
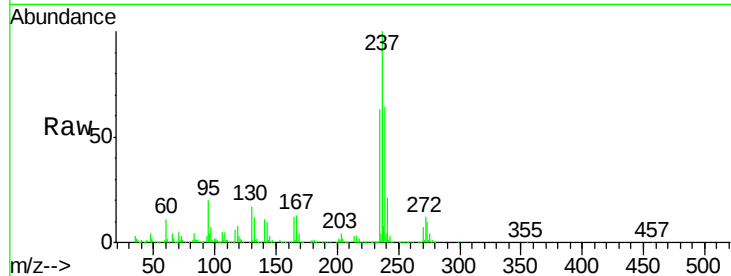
#40
Hexachlorocyclopentadiene
Concen: 70.24 ng
RT: 12.97 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.1	83.1
272	11.5	0.0	30.9

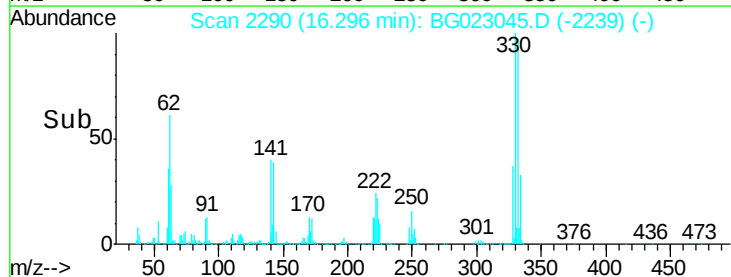
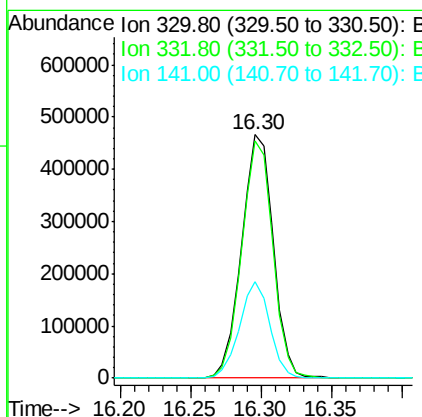
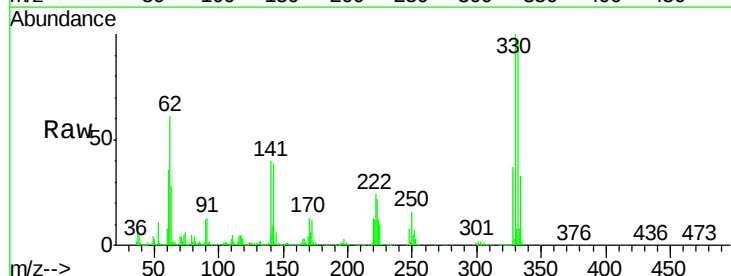
Manual Integrations
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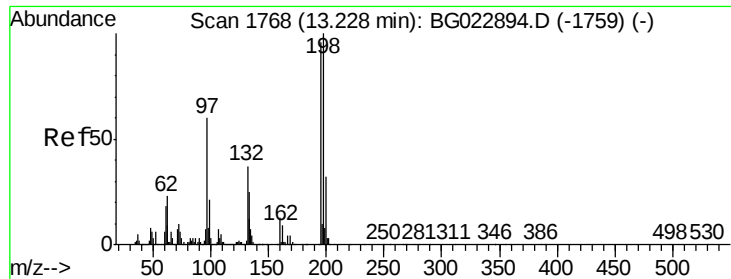
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#41
2,4,6-Tribromophenol
Concen: 111.54 ng
RT: 16.30 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	38.1	31.7	47.5





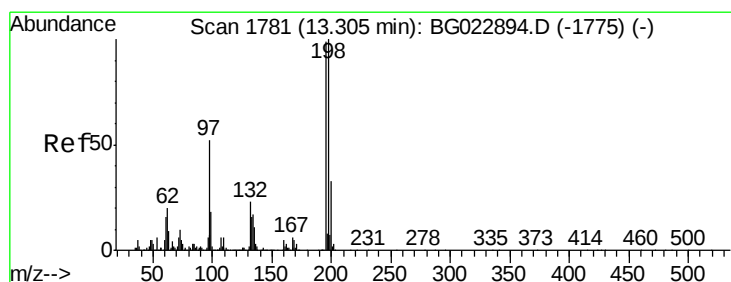
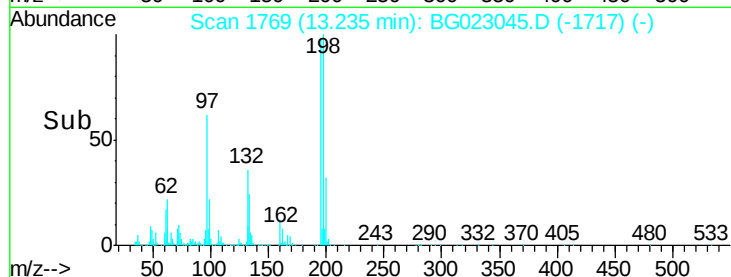
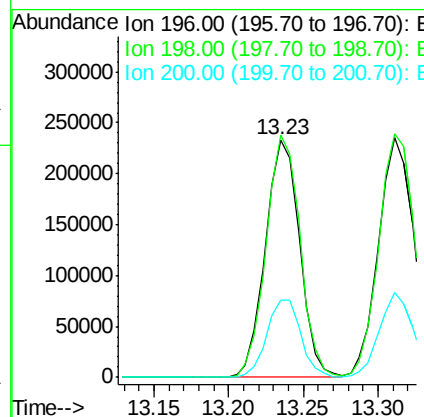
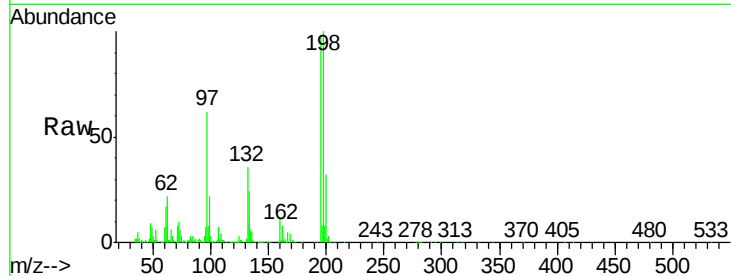
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.1	78.2	117.2	
200	32.3	27.0	40.4	

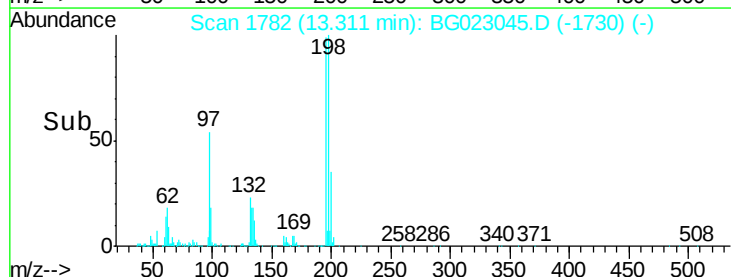
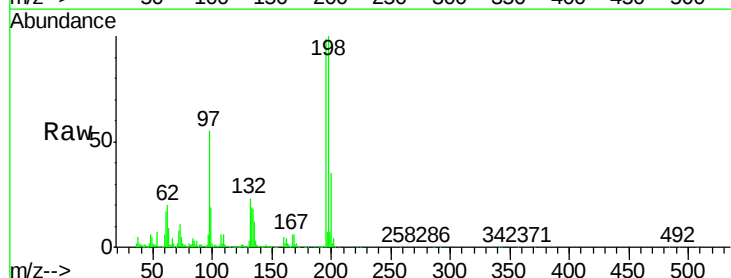
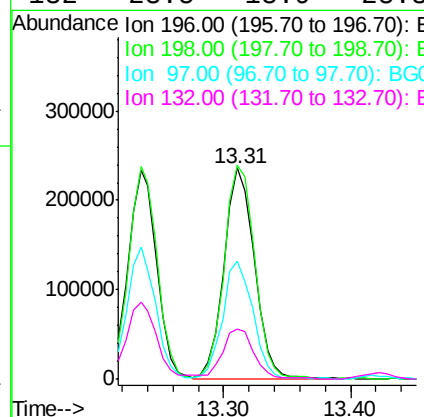
Manual Integrations
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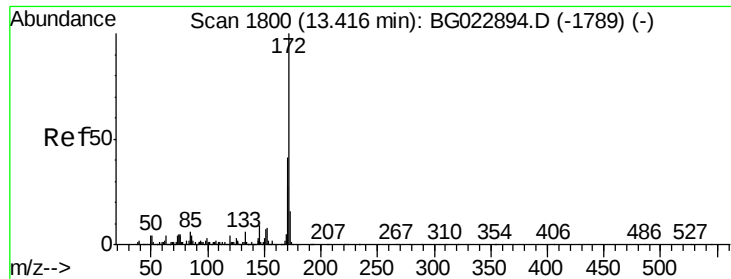
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#43
 2,4,5-Trichlorophenol
 Concen: 42.13 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023045.D
 Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	85.7	128.5	
97	56.1	45.5	68.3	
132	23.5	18.9	28.3	





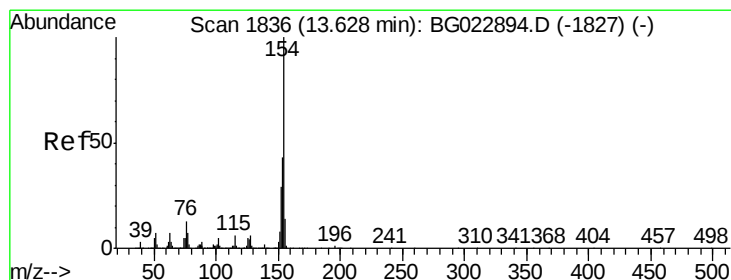
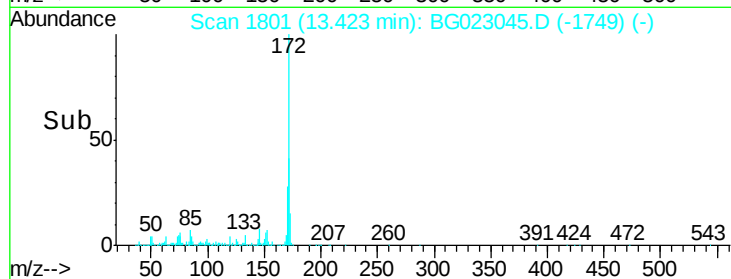
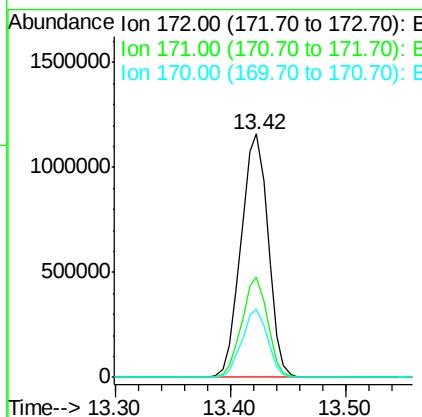
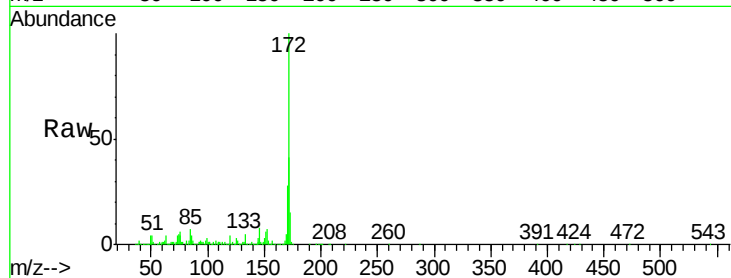
#44
2-Fluorobiphenyl
Concen: 81.35 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	41.4	31.6	47.4	
170	28.3	21.3	31.9	

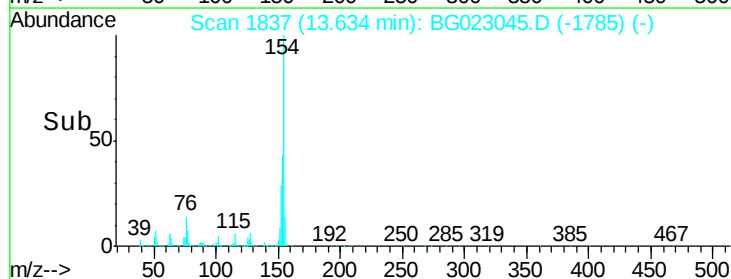
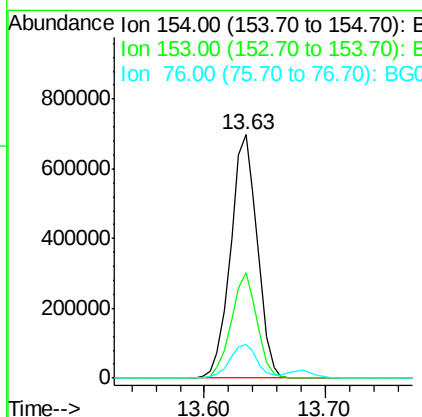
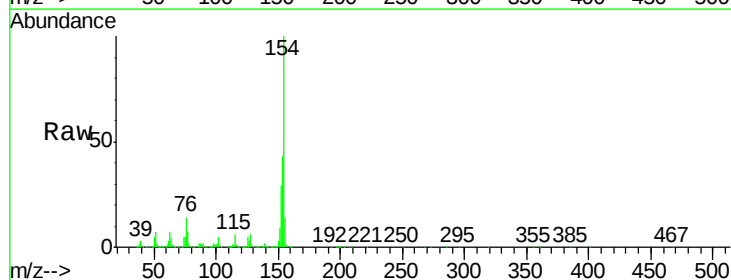
Manual Integrations
APPROVED

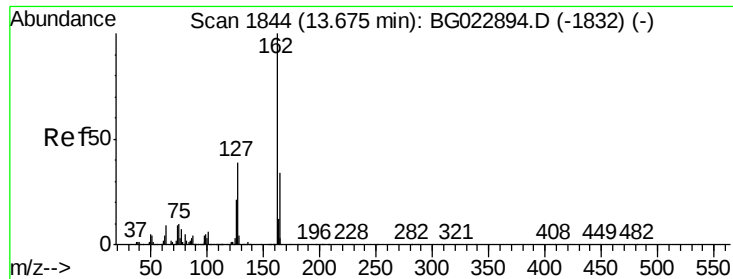
umangi
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#45
1,1'-Biphenyl
Concen: 39.00 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.1	20.2	60.2	
76	13.6	0.0	32.9	





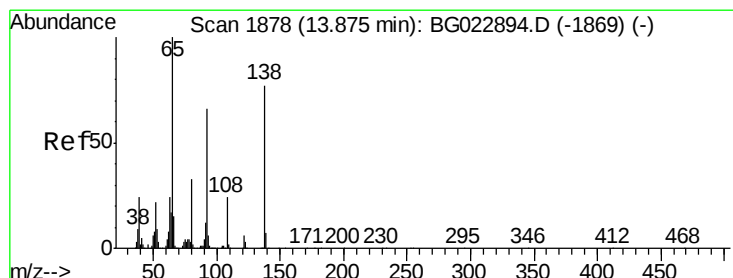
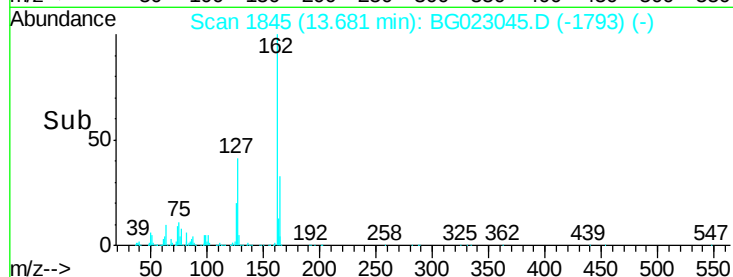
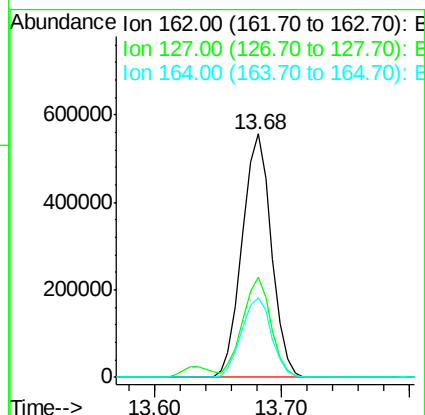
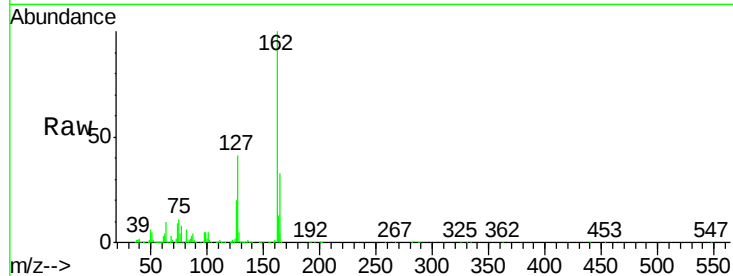
#46
2-Chloronaphthalene
Concen: 40.04 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.4	48.6
164	32.7	25.2	37.8

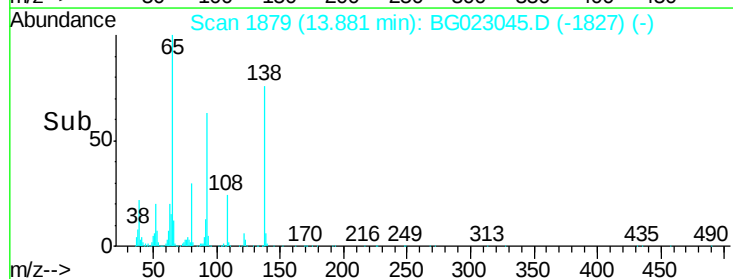
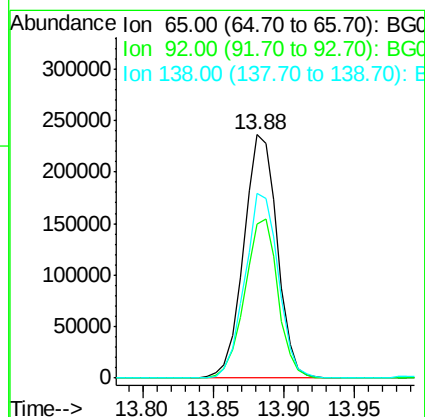
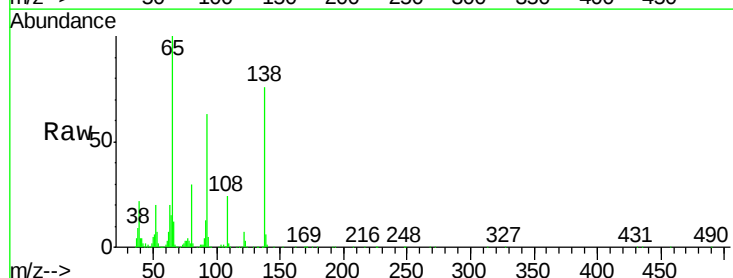
Manual Integrations
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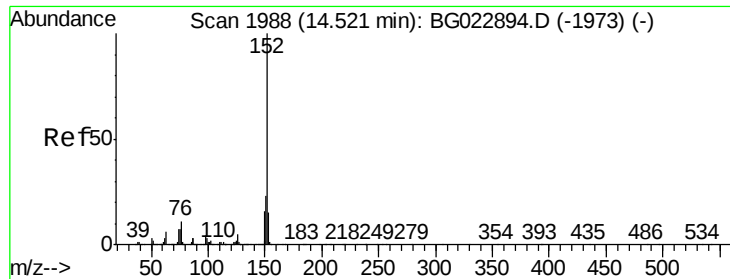
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#47
2-Nitroaniline
Concen: 41.40 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	49.4	74.0
138	75.8	58.0	87.0





#48

Acenaphthylene

Concen: 40.44 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:152 Resp: 1350329

Ion Ratio Lower Upper

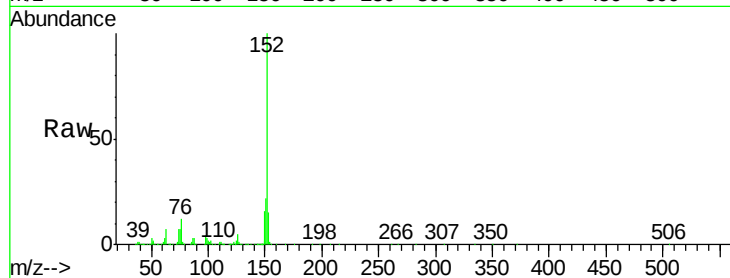
152 100

151 22.2 17.6 26.4

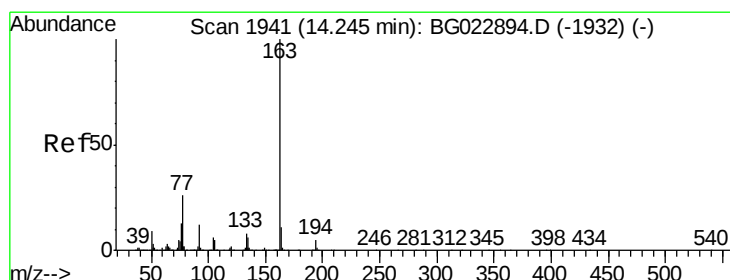
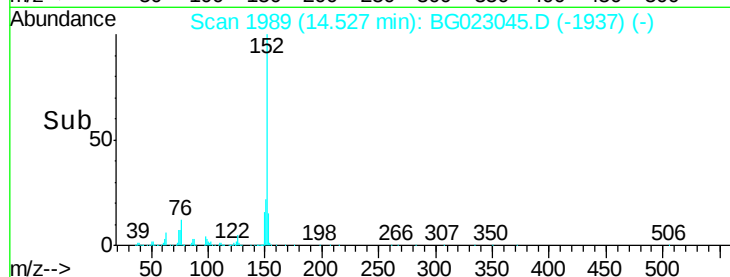
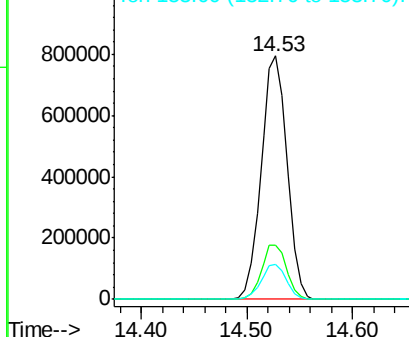
153 14.6 11.4 17.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.94 ng

RT: 14.25 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

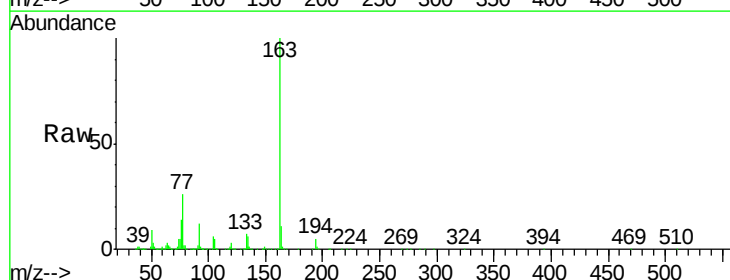
Tgt Ion:163 Resp: 1193074

Ion Ratio Lower Upper

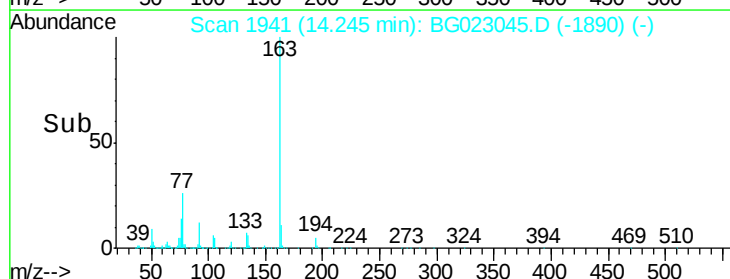
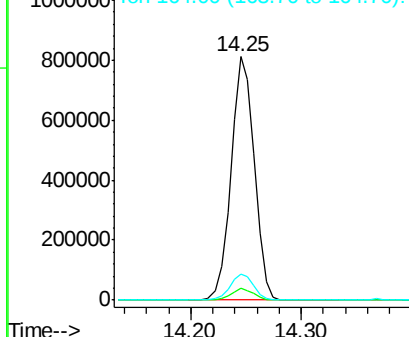
163 100

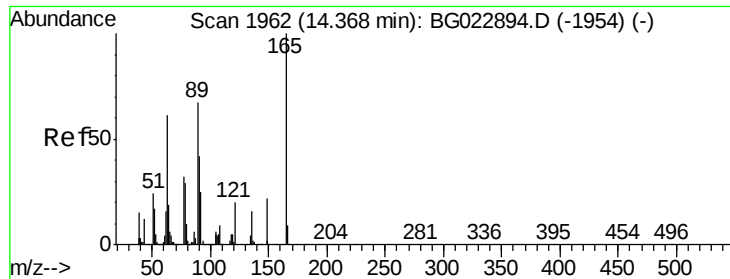
194 4.8 3.6 5.4

164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





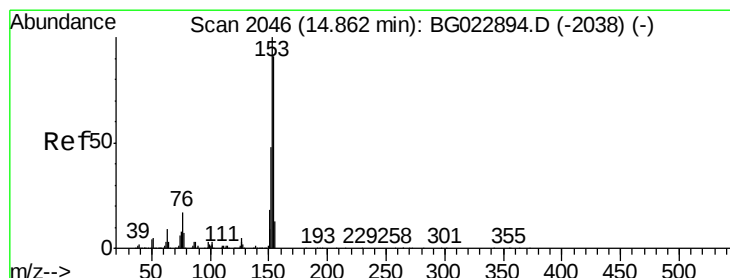
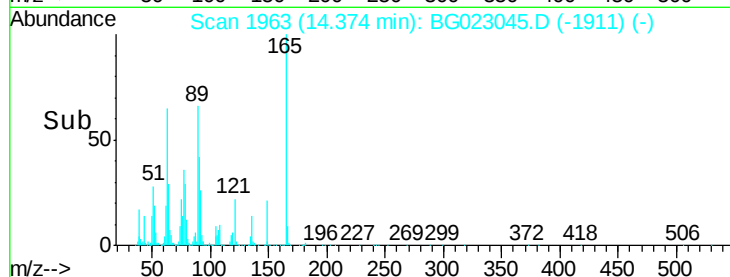
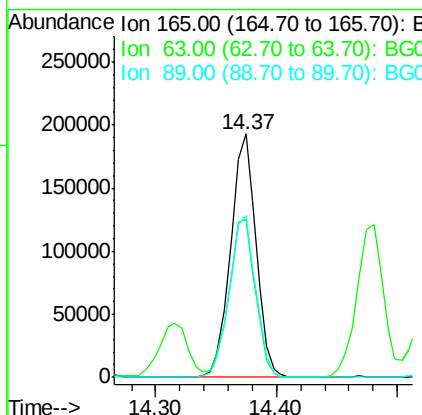
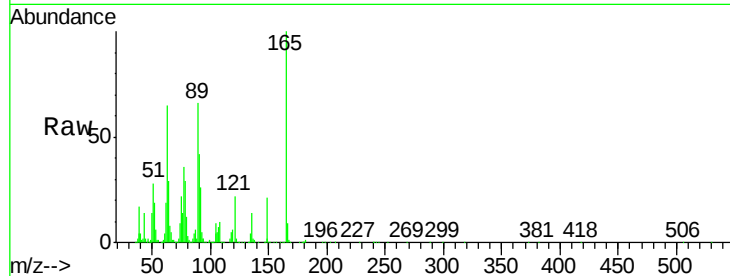
#50
2,6-Dinitrotoluene
Concen: 42.12 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.6	64.3	96.5
89	66.3	64.3	96.5

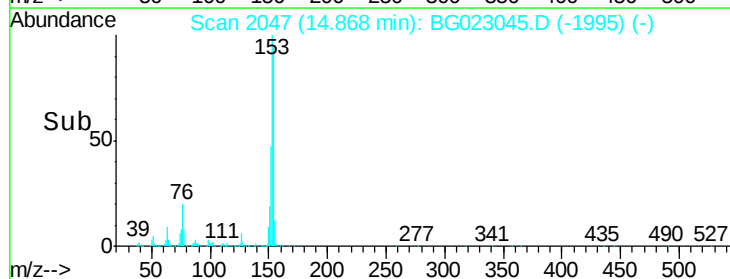
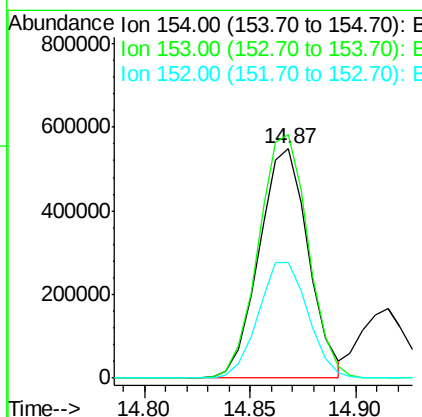
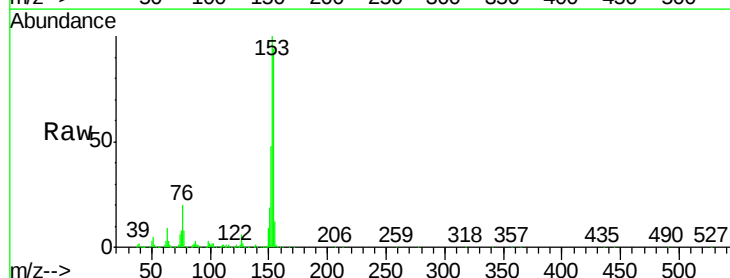
Manual Integrations
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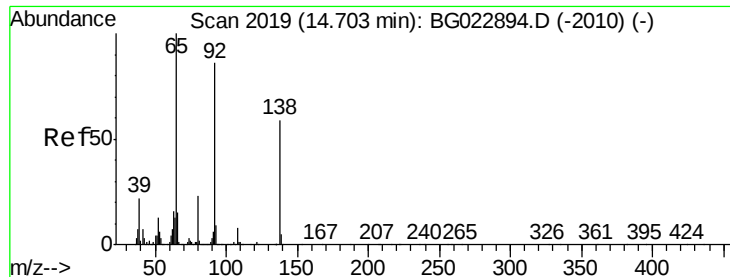
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#51
Acenaphthene
Concen: 40.76 ng
RT: 14.87 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	106.2	87.5	131.3
152	50.5	42.7	64.1





#52

3-Nitroaniline

Concen: 24.88 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

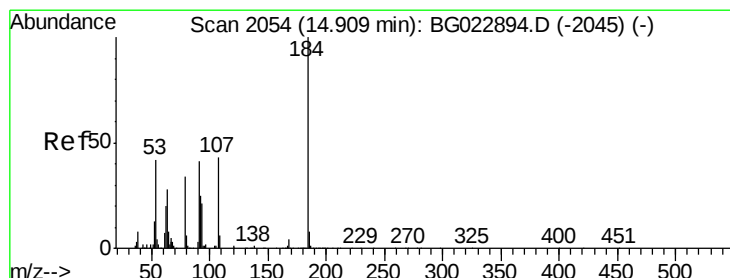
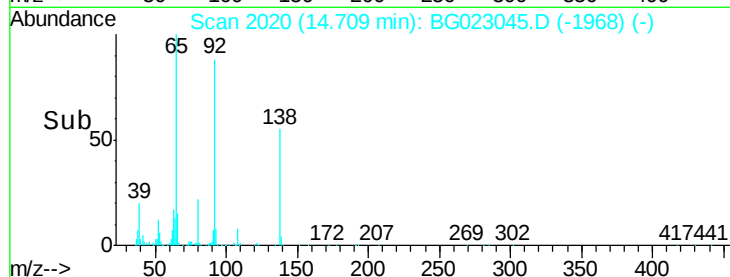
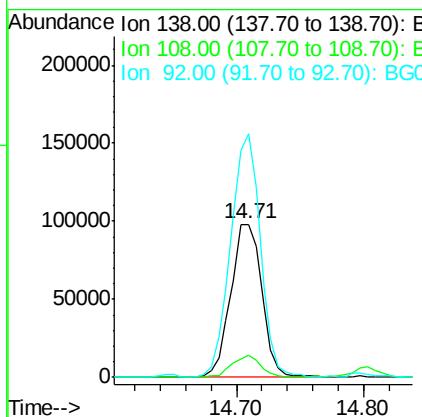
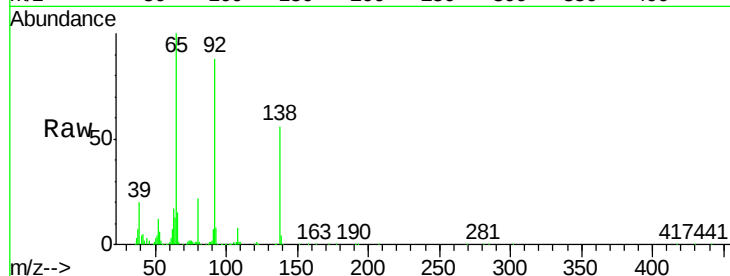
ClientSampleId :

PB92070BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.1	11.7	17.5
92	158.8	129.7	194.5

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 74.79 ng

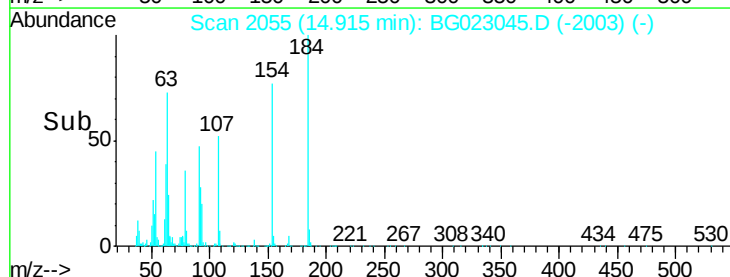
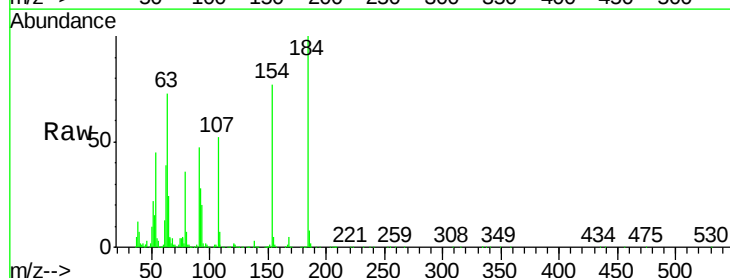
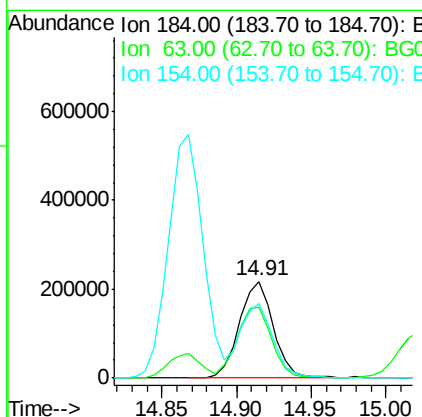
RT: 14.91 min Scan# 2055

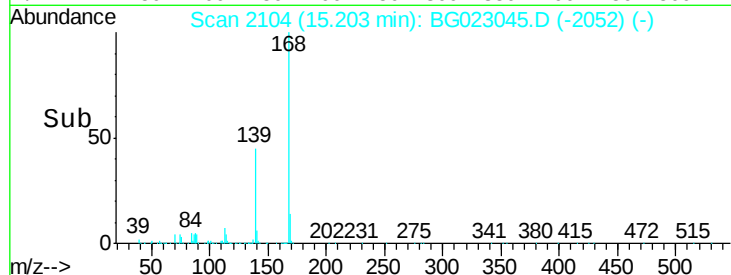
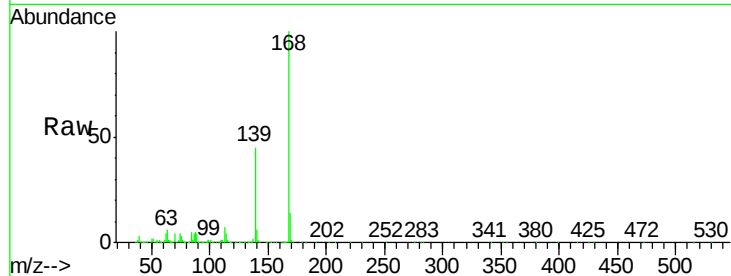
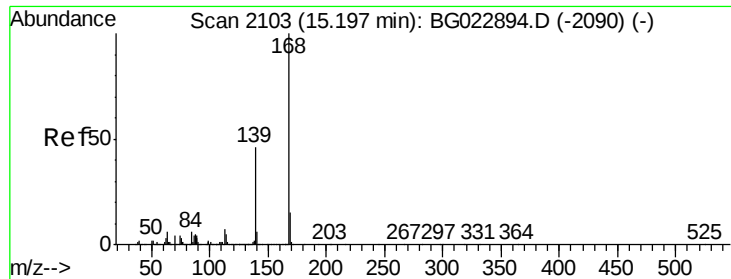
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	59.6	89.4
154	76.7	67.4	101.0





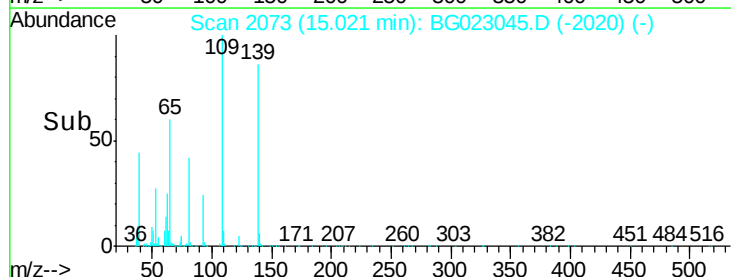
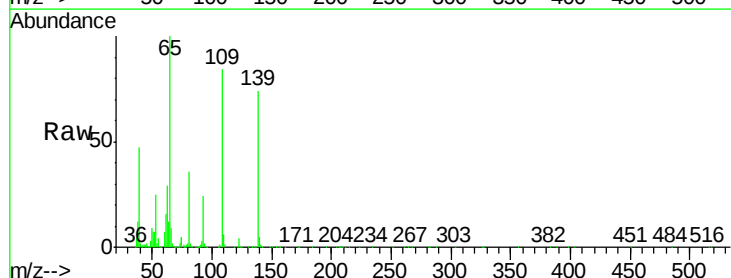
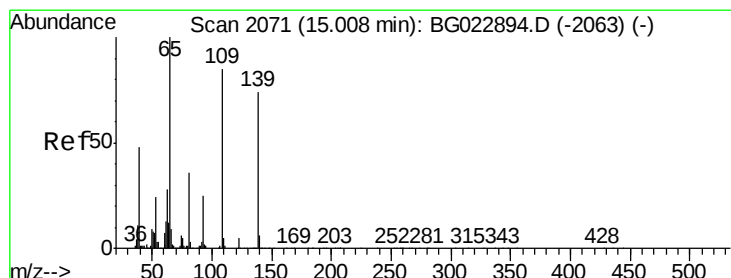
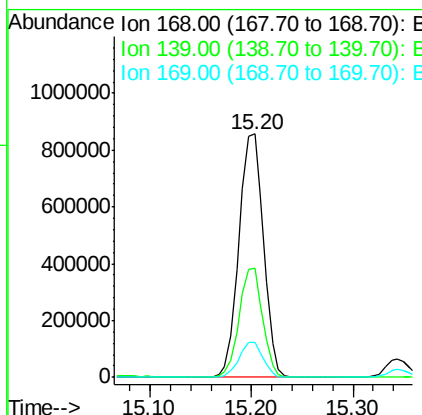
#54
Dibenzofuran
Concen: 44.01 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.8	36.4	54.6
169	14.3	11.9	17.9

Instrument :
BNA_G
ClientSampleId :
PB92070BS

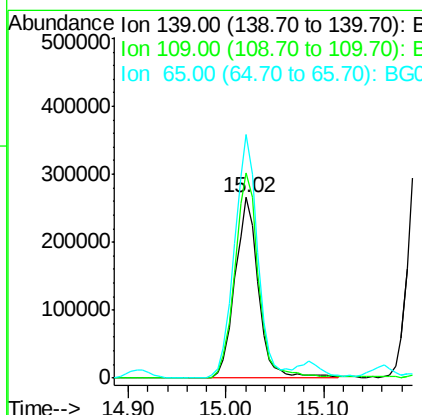
Manual Integrations
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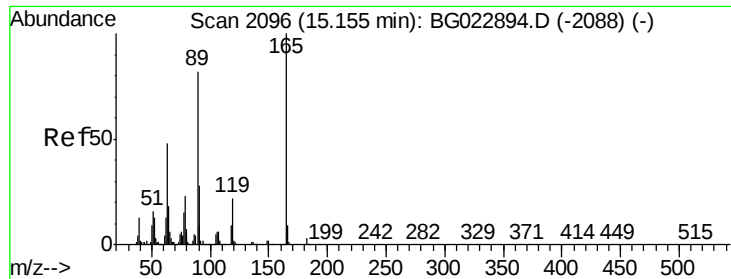
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#55
4-Nitrophenol
Concen: 78.76 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	113.4	103.0	143.0
65	134.9	112.7	152.7





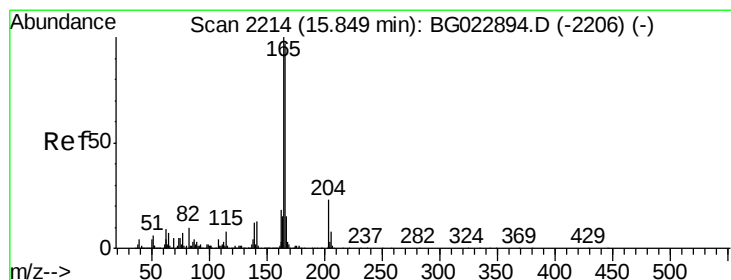
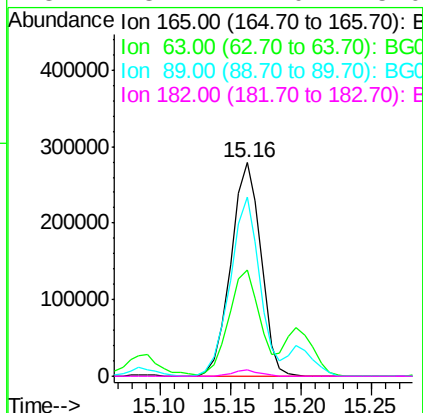
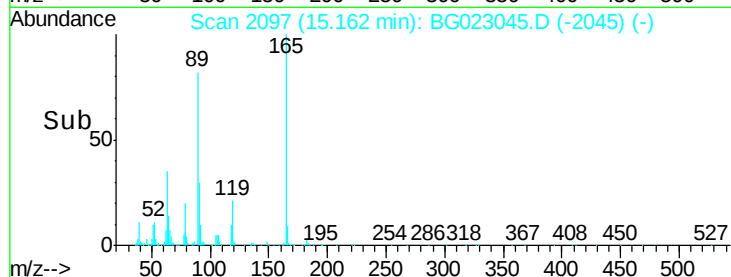
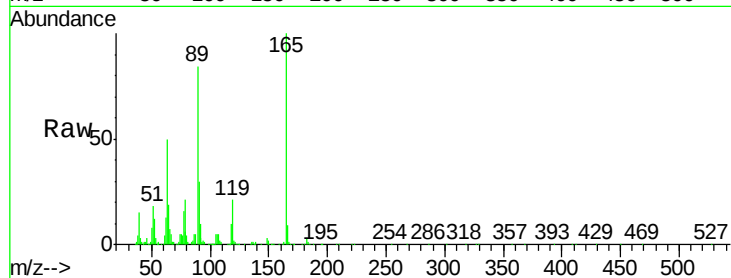
#56
2,4-Dinitrotoluene
Concen: 42.08 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.0	45.8	68.6
89	83.9	68.6	102.8
182	3.2	2.0	3.0#

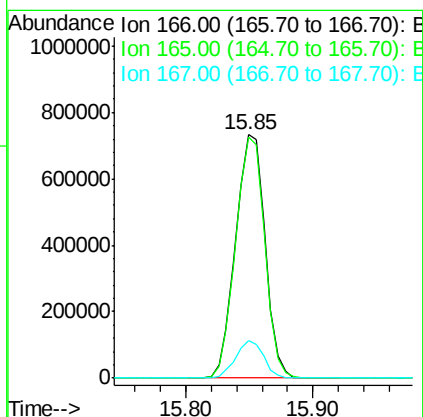
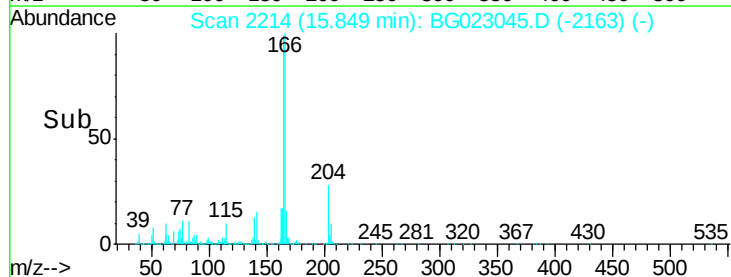
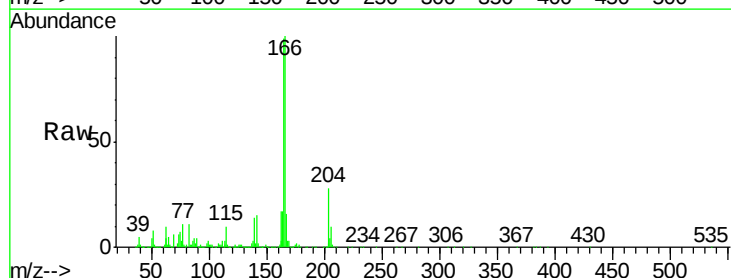
Manual Integrations
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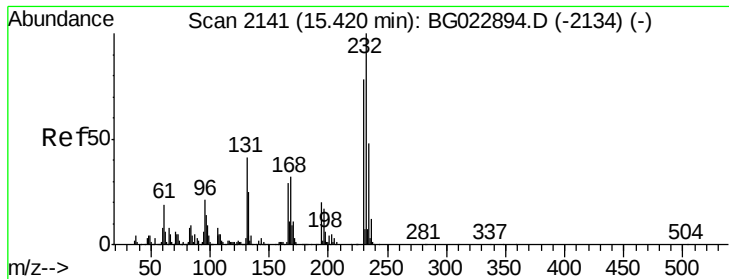
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#57
Fluorene
Concen: 41.85 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	81.0	121.6
167	15.5	12.0	18.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 43.48 ng

RT: 15.43 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

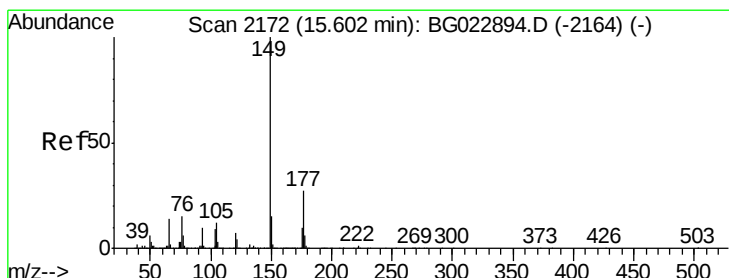
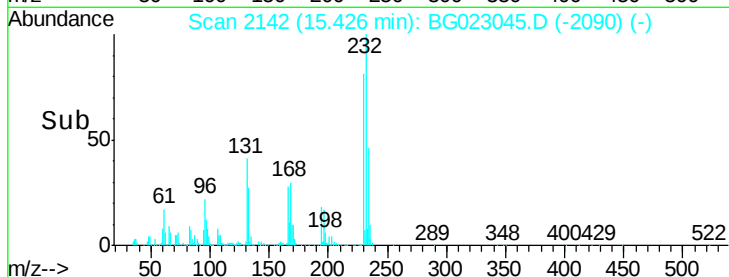
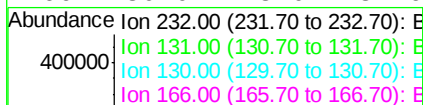
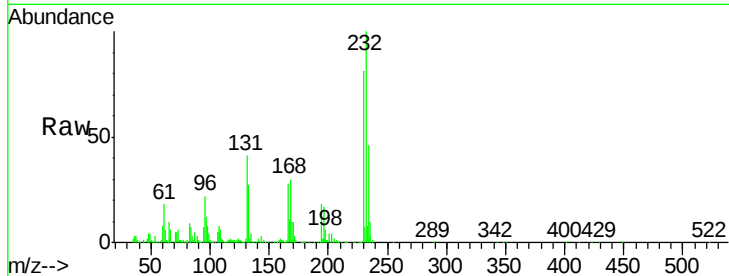
ClientSampleId :

PB92070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		404667		
131	40.8	32.7	49.1		
130	2.8	2.6	3.8		
166	30.0	23.0	34.6		

Manual Integrations
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#59

Diethylphthalate

Concen: 41.56 ng

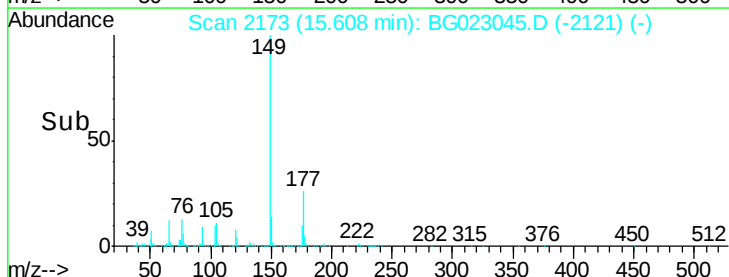
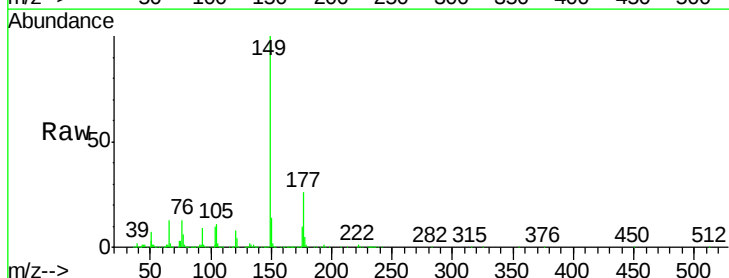
RT: 15.61 min Scan# 2173

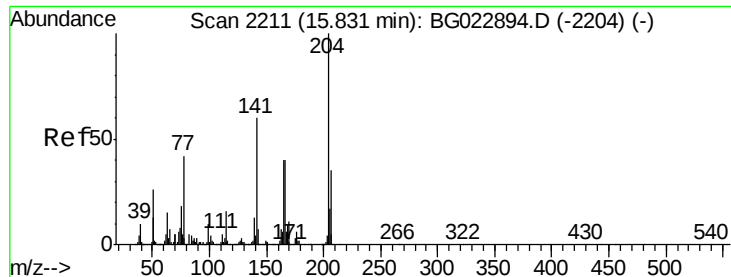
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1263360		
177	25.6	19.2	28.8		
150	14.1	10.6	16.0		





#60

4-Chlorophenyl-phenylether

Concen: 40.26 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

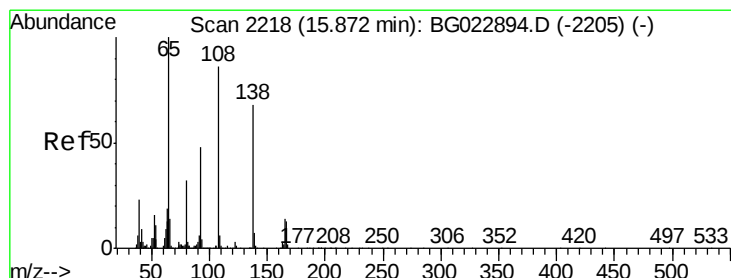
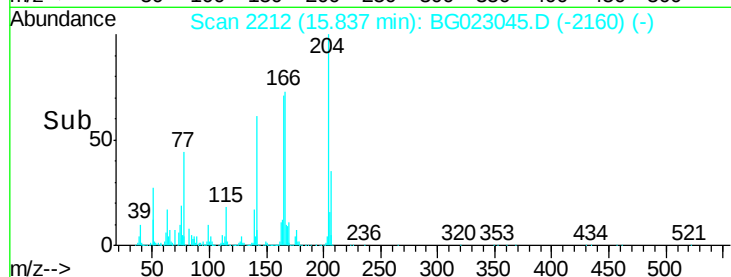
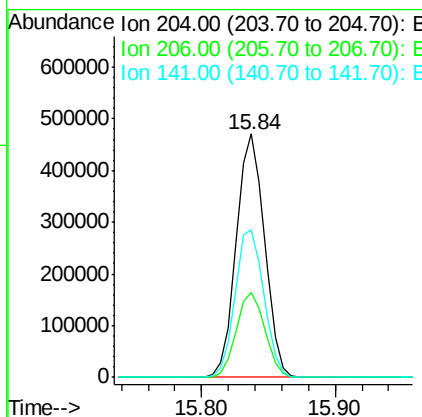
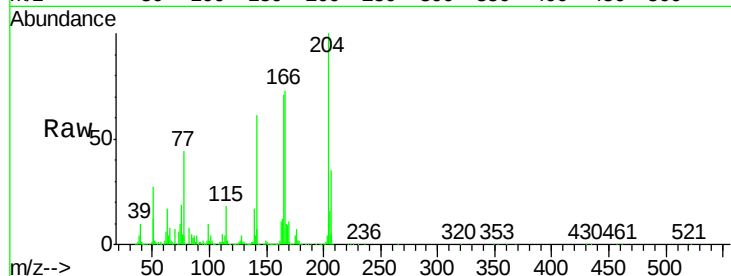
ClientSampleId :

PB92070BS

Tot Ion:	204	Resp:	689320
Ion Ratio	Lower	Upper	
204	100		
206	34.8	28.5	42.7
141	60.5	51.4	77.0

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#61

4-Nitroaniline

Concen: 38.03 ng

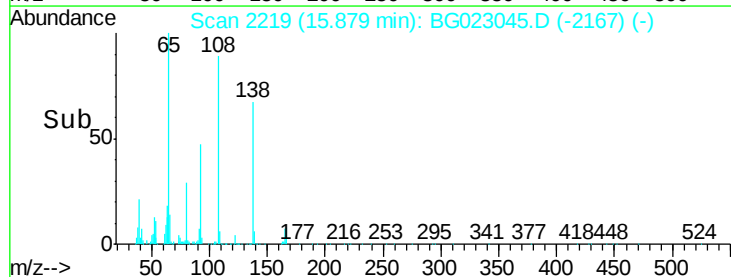
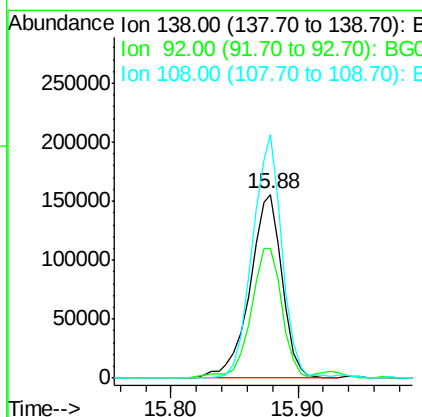
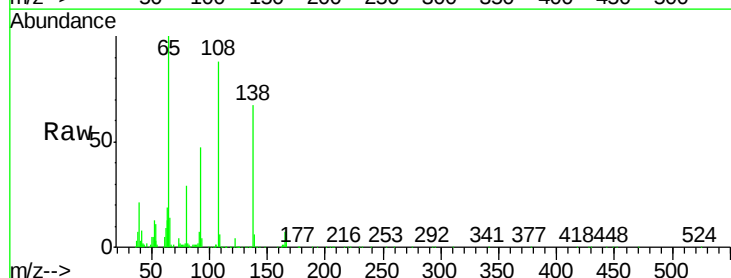
RT: 15.88 min Scan# 2219

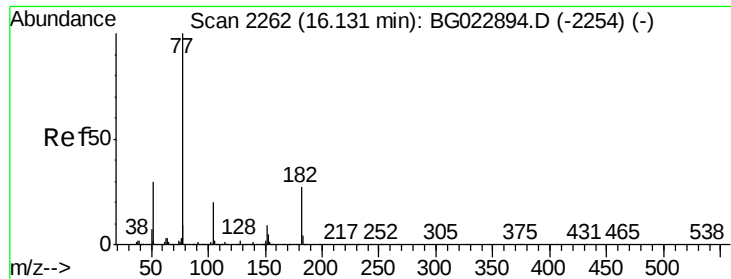
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	138	Resp:	275505
Ion Ratio	Lower	Upper	
138	100		
92	70.8	54.1	94.1
108	132.4	133.9	173.9#





#62

Azobenzene

Concen: 47.43 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion: 77 Resp: 1379004

Ion Ratio Lower Upper

77 100

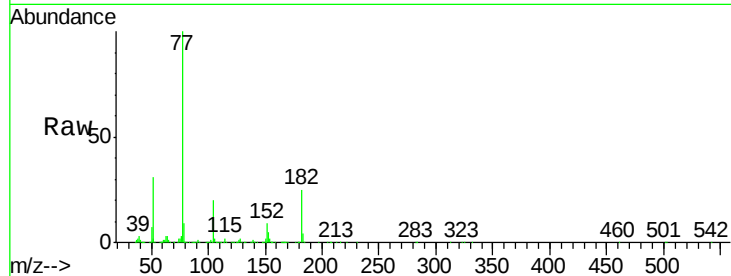
182 25.2 3.5 43.5

105 19.7 0.0 38.5

51 30.8 17.1 57.1

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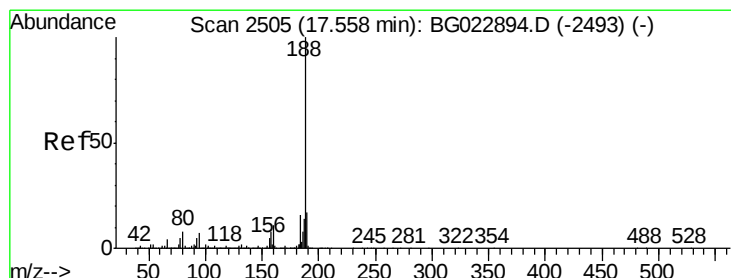
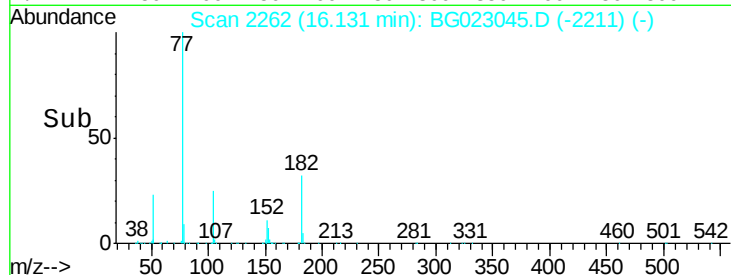
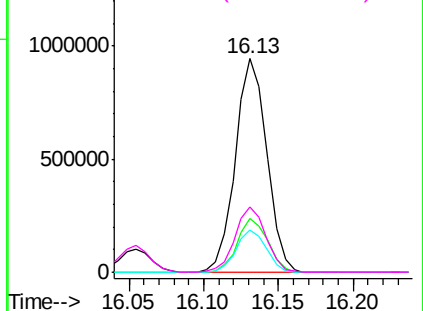
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

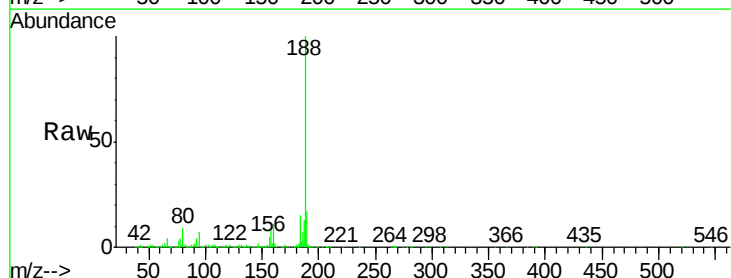
Tgt Ion: 188 Resp: 891683

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 9.5 7.2 10.8

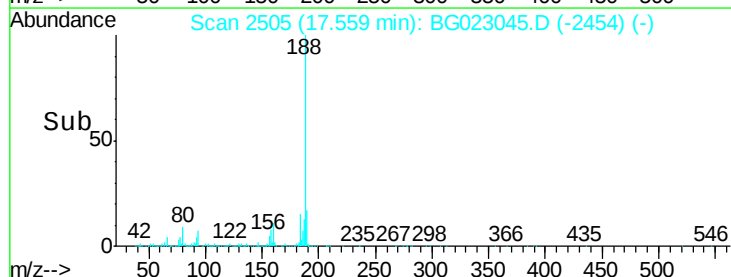
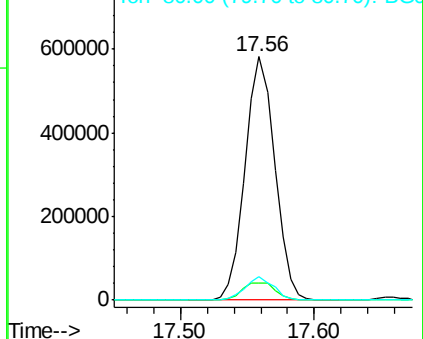


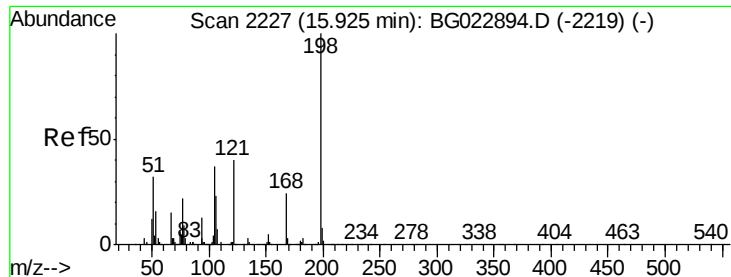
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 40.01 ng

RT: 15.93 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:198 Resp: 265180

Ion Ratio Lower Upper

198 100

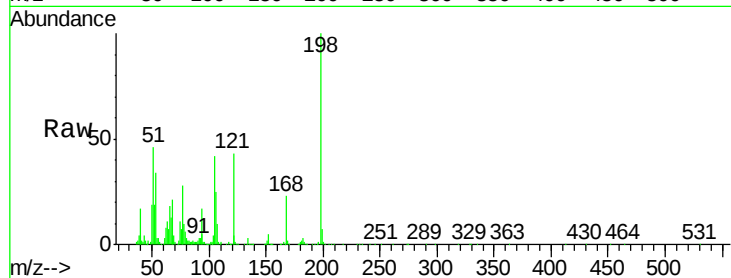
51 46.2 26.0 66.0

105 41.6 20.1 60.1

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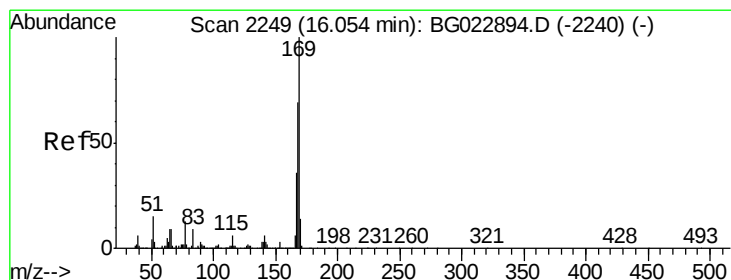
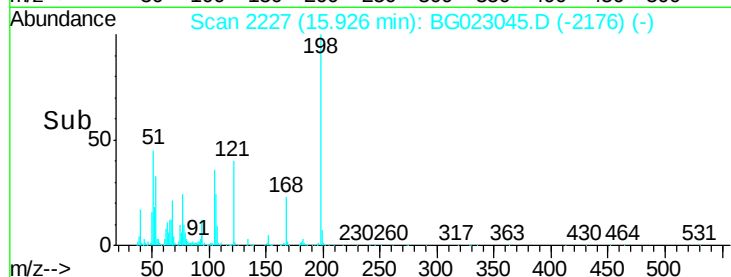
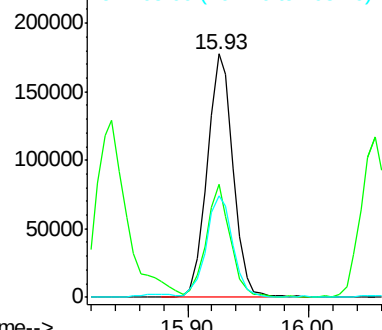
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.37 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

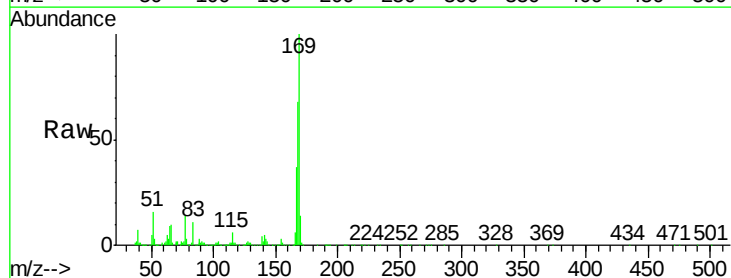
Tgt Ion:169 Resp: 1088415

Ion Ratio Lower Upper

169 100

168 68.4 55.0 82.4

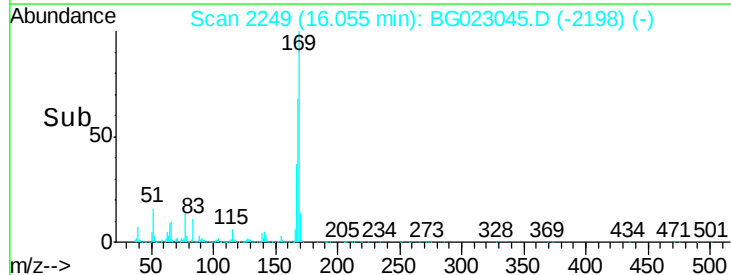
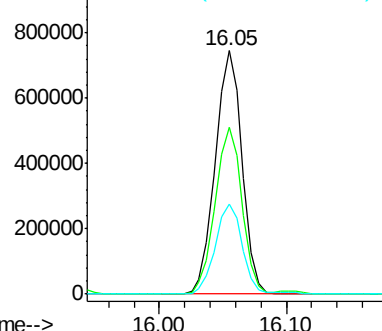
167 37.2 27.4 41.0

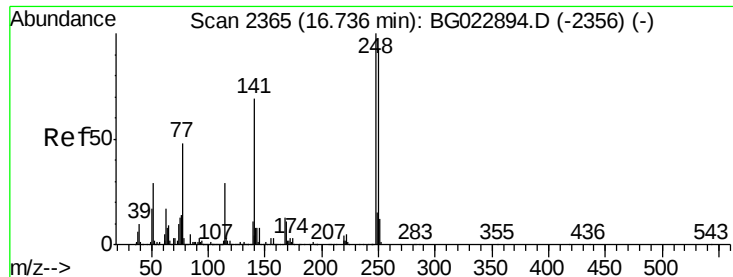


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





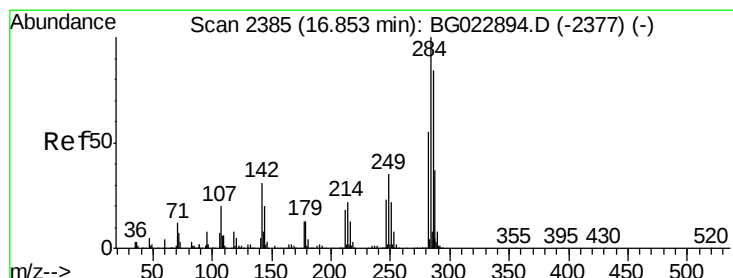
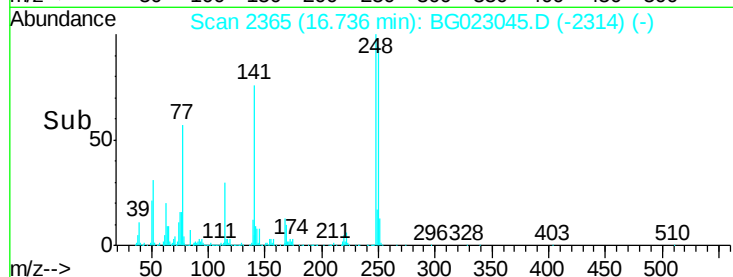
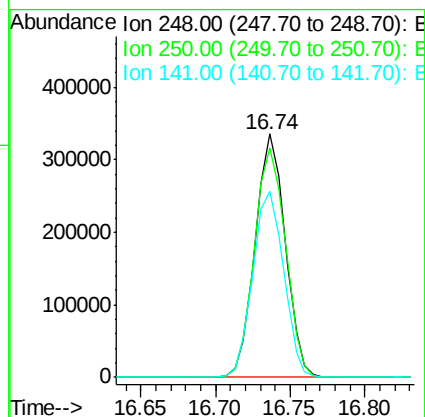
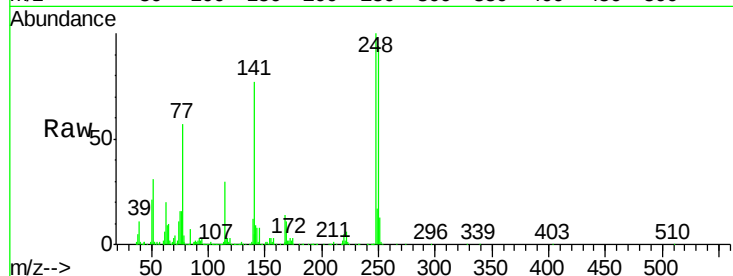
#66
4-Bromophenyl-phenylether
Concen: 40.20 ng
RT: 16.74 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.8	116.8
141	76.6	65.7	98.5

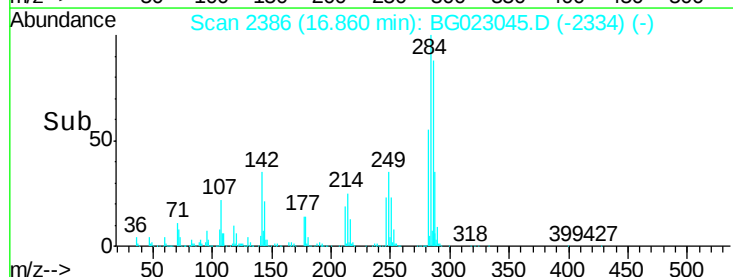
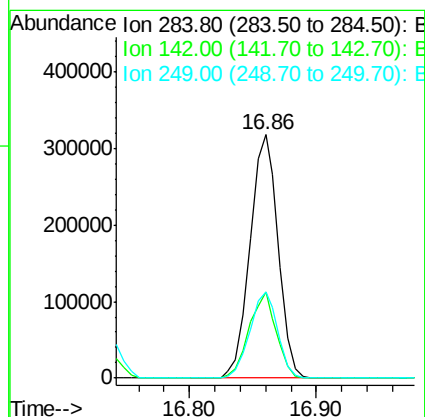
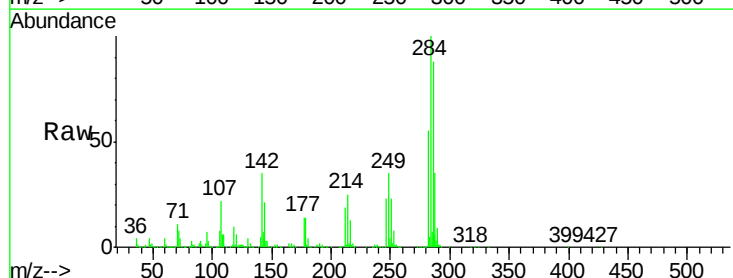
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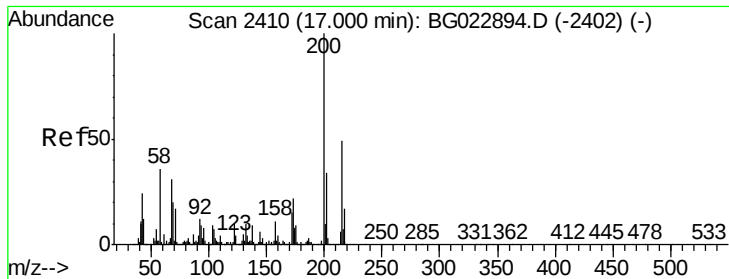
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#67
Hexachlorobenzene
Concen: 38.69 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.8	40.2
249	35.4	28.9	43.3





#68

Atrazine

Concen: 41.50 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

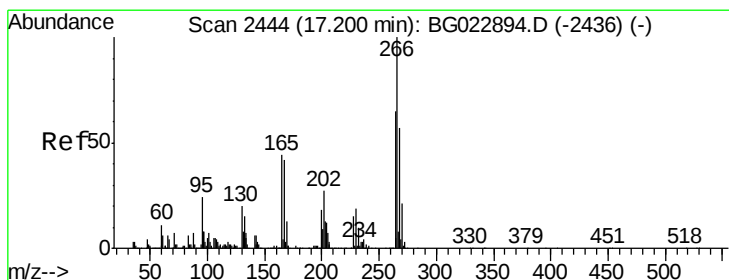
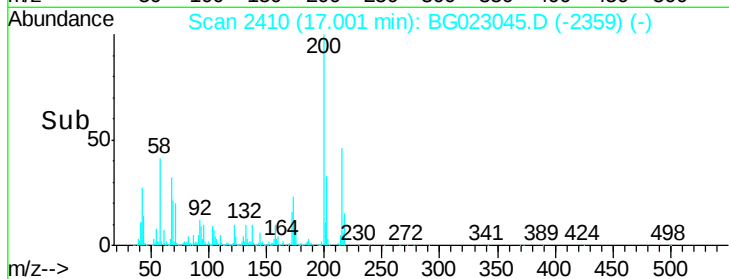
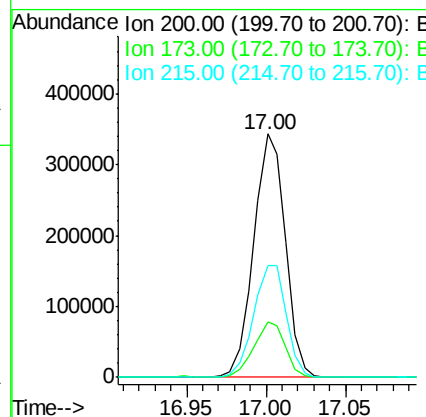
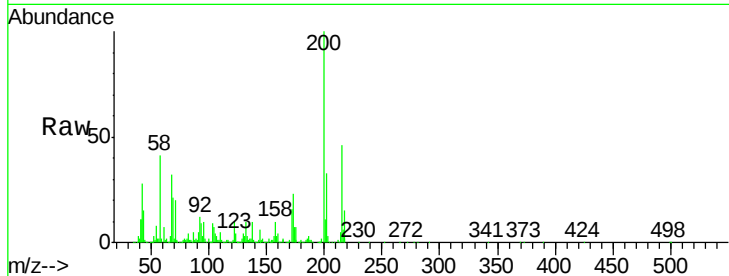
ClientSampleId :

PB92070BS

Tot Ion:	200	Resp:	472897
Ion Ratio	Lower	Upper	
200	100		
173	22.8	1.6	41.6
215	45.7	28.7	68.7

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#69

Pentachlorophenol

Concen: 78.21 ng

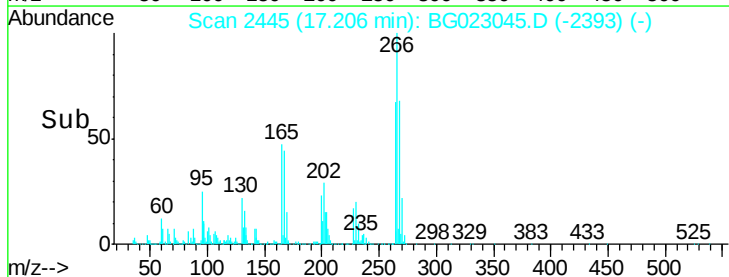
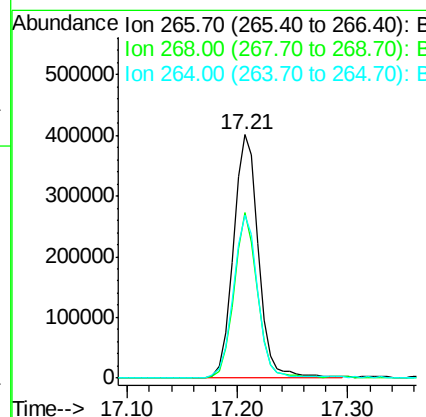
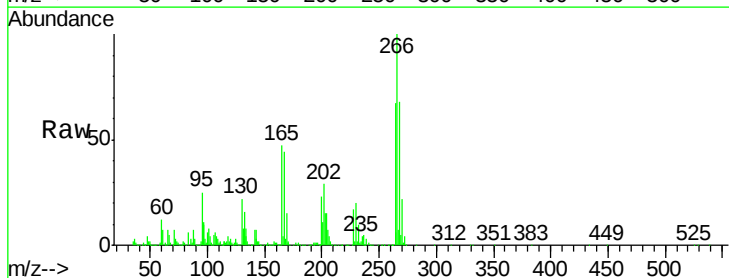
RT: 17.21 min Scan# 2445

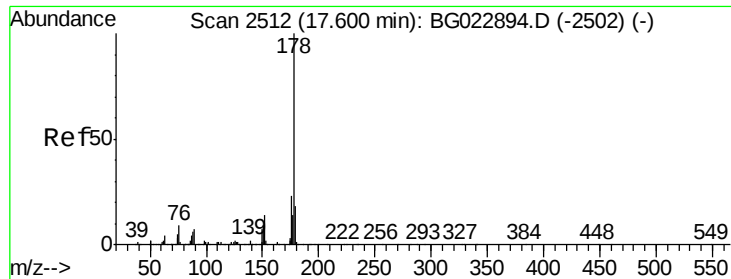
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	266	Resp:	638834
Ion Ratio	Lower	Upper	
266	100		
268	68.1	51.9	77.9
264	66.7	50.6	75.8





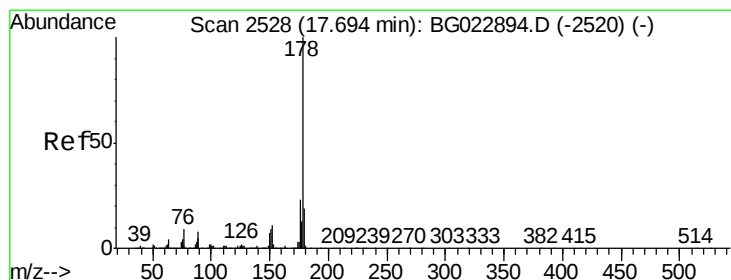
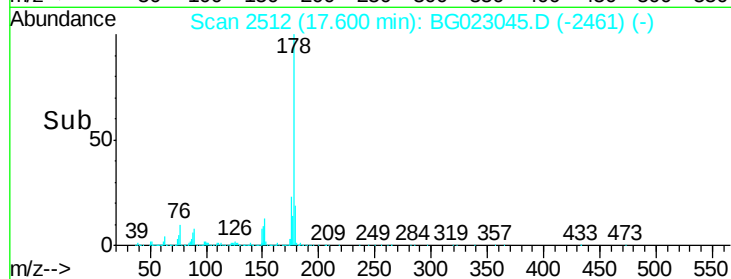
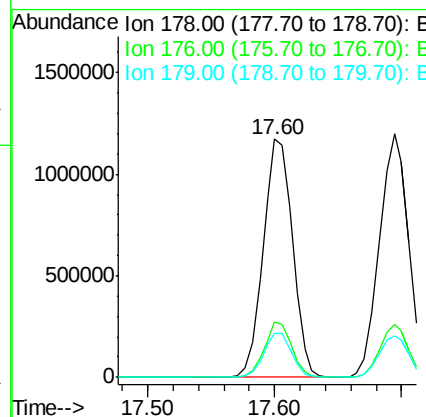
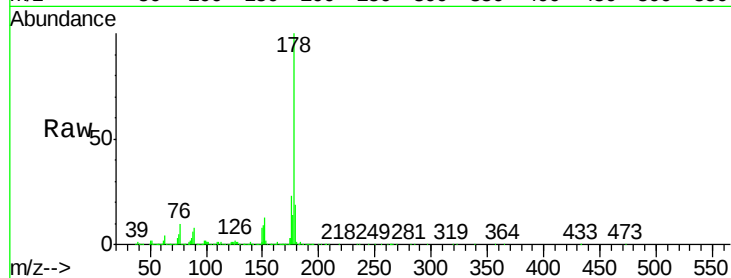
#70
Phenanthrene
Concen: 43.23 ng
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	16.8	25.2
179	18.7	14.3	21.5

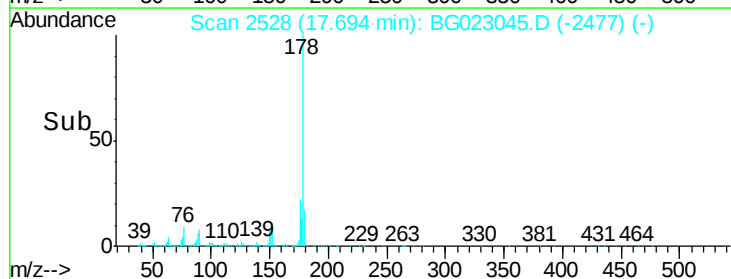
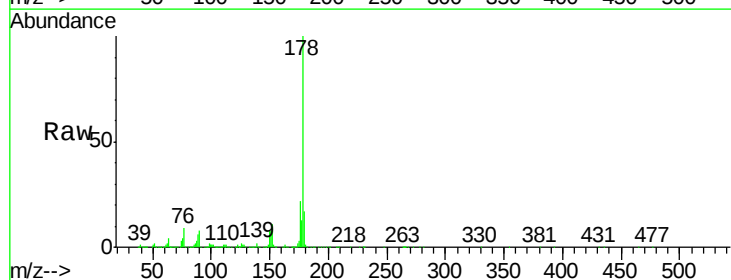
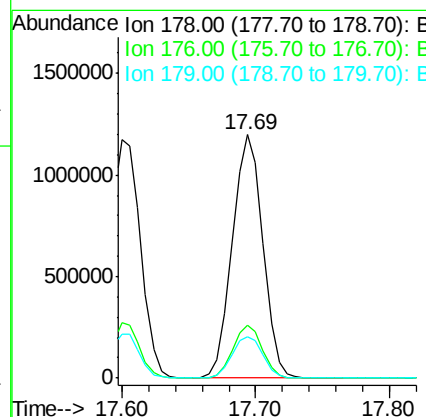
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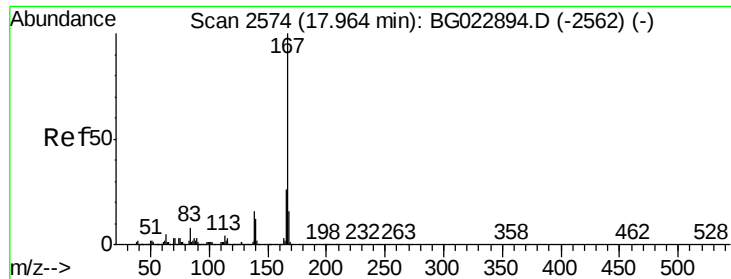
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#71
Anthracene
Concen: 43.19 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.3	25.9
179	17.3	14.0	21.0





#72

Carbazole

Concen: 43.66 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:167 Resp: 1669277

Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.7	31.1
139	16.1	11.9	17.9

167 100

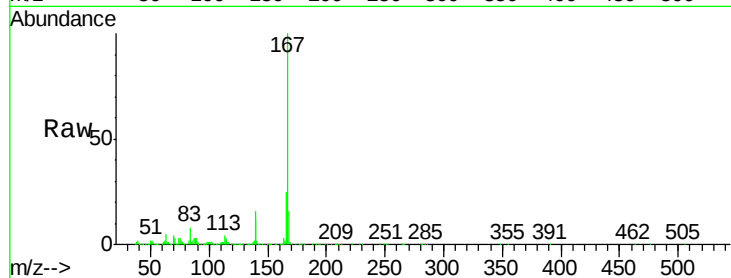
166 25.0 20.7 31.1

139 16.1 11.9 17.9

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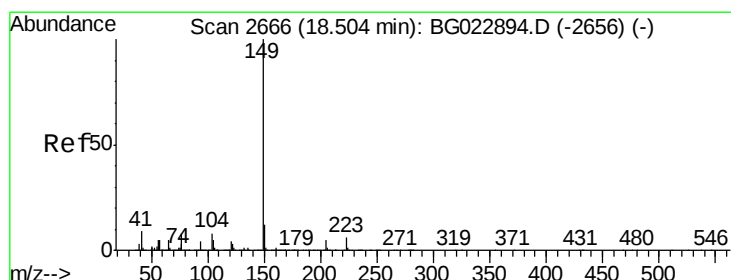
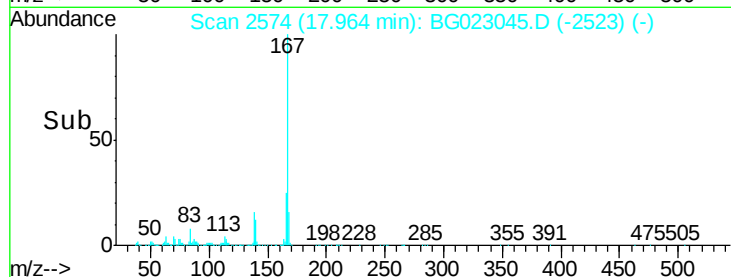
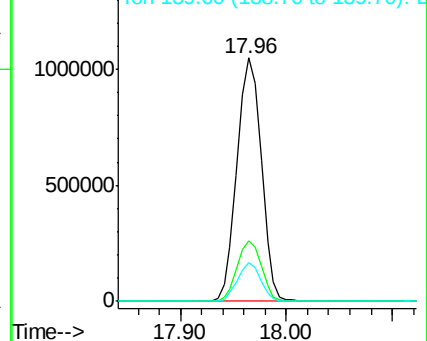
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

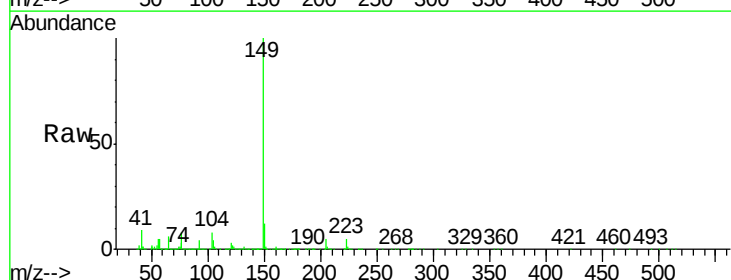
Tgt Ion:149 Resp: 1981242

Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.1	13.7
104	8.2	6.9	10.3

149 100

150 11.8 9.1 13.7

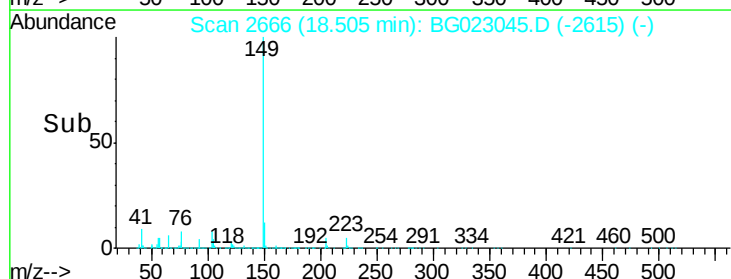
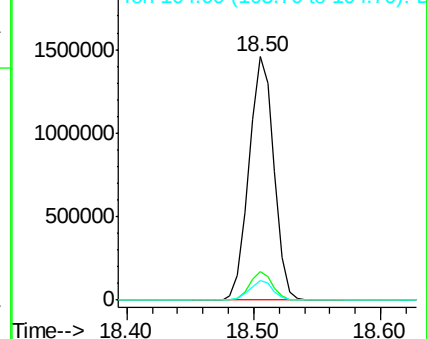
104 8.2 6.9 10.3

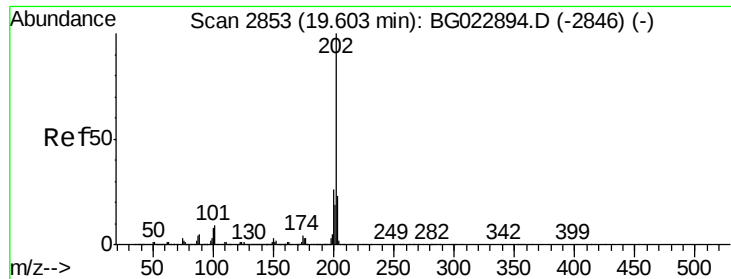


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.60 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

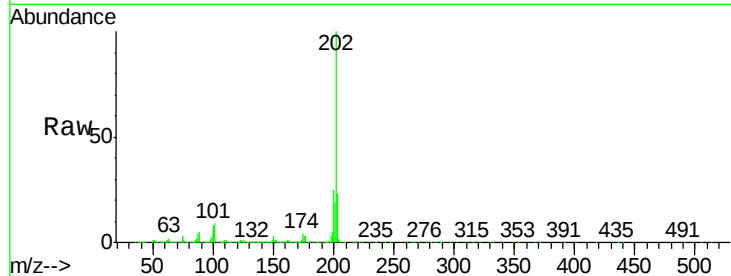
ClientSampleId :

PB92070BS

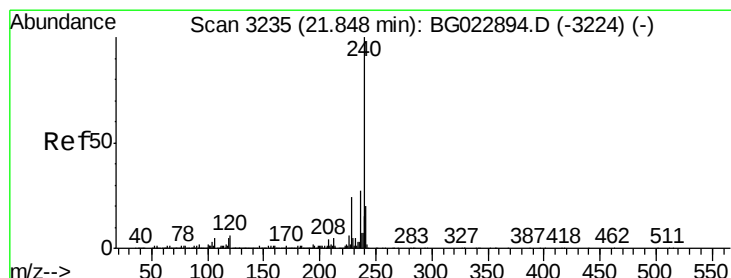
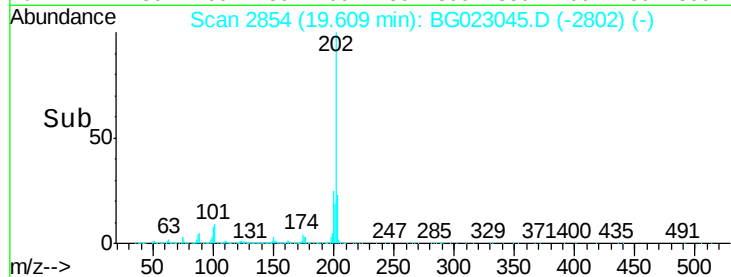
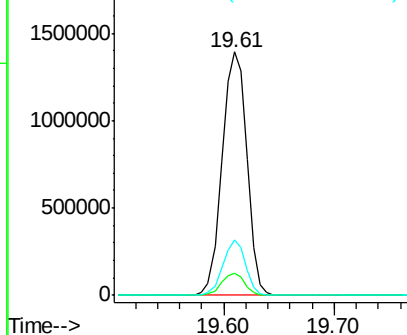
Tot Ion:	202	Resp:	2177260
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	27.4
203	22.8	1.7	41.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

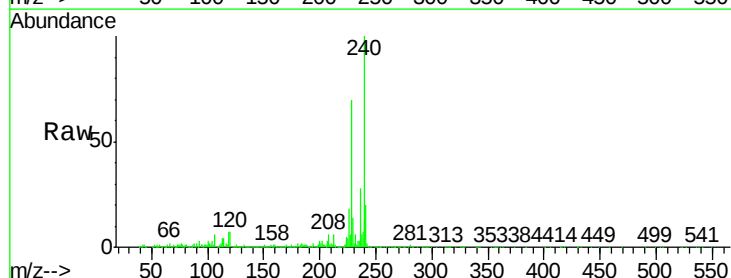
RT: 21.87 min Scan# 3238

Delta R.T. 0.02 min

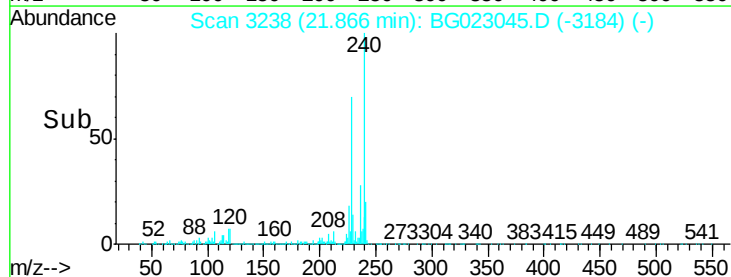
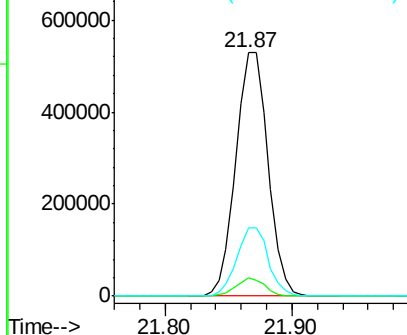
Lab File: BG023045.D

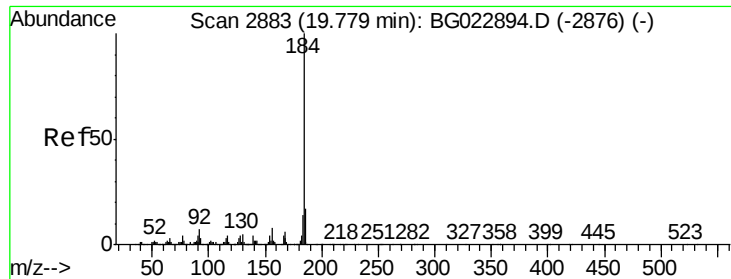
Acq: 12 Jul 2016 20:45

Tgt Ion:	240	Resp:	930999
Ion Ratio	Lower	Upper	
240	100		
120	7.5	4.1	6.1#
236	28.0	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 22.79 ng

RT: 19.79 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

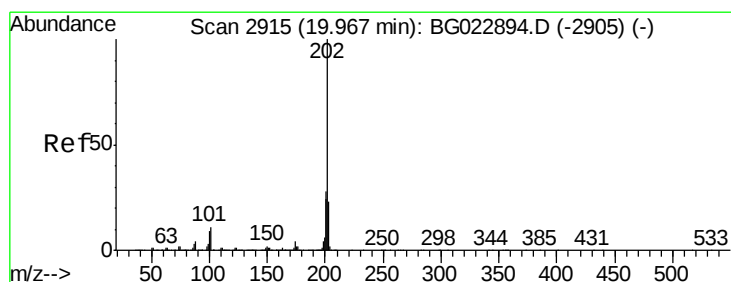
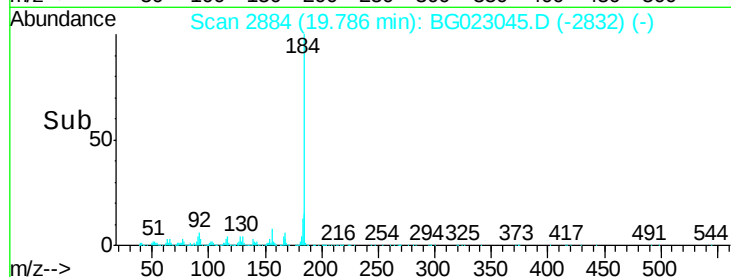
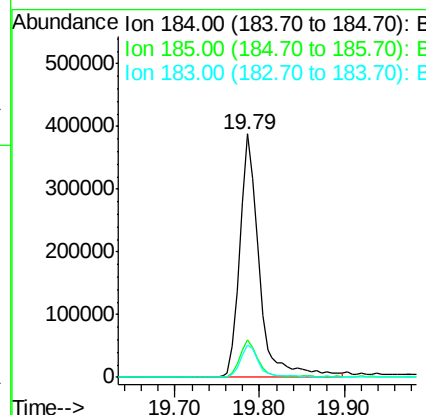
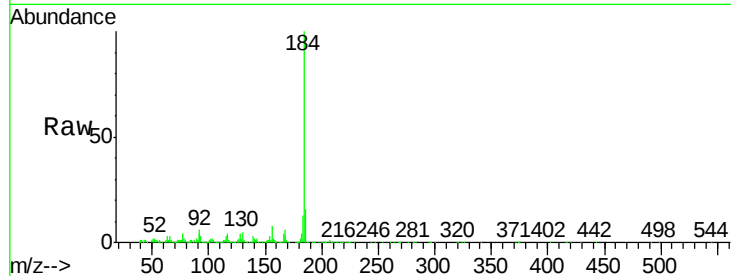
ClientSampleId :

PB92070BS

Tot Ion:	184	Resp:	608388
Ion Ratio		Lower	Upper
184	100		
185	15.6	12.6	19.0
183	13.4	10.7	16.1

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#77

Pyrene

Concen: 41.69 ng

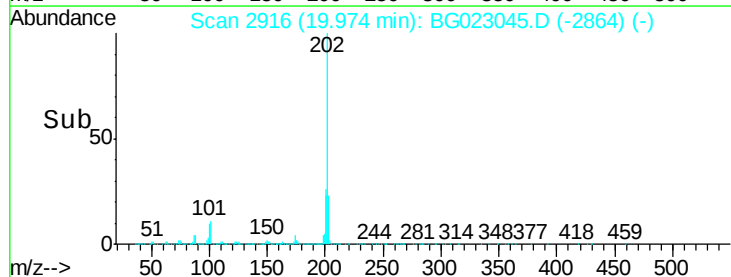
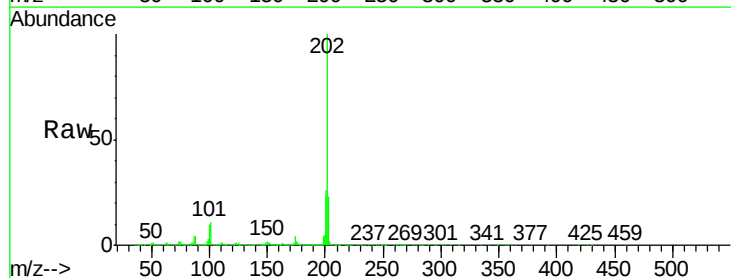
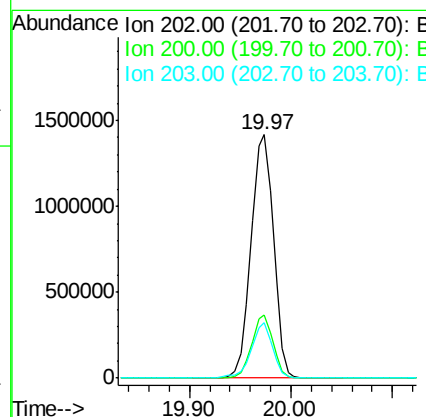
RT: 19.97 min Scan# 2916

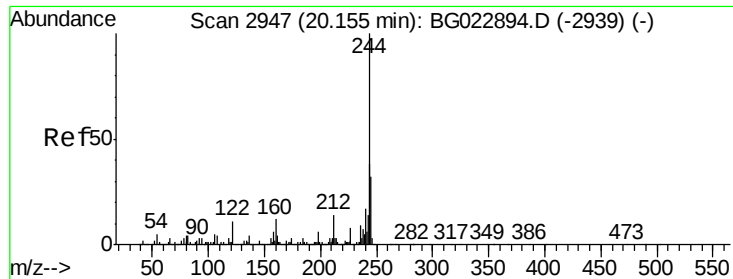
Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Tgt Ion:	202	Resp:	2181042
Ion Ratio		Lower	Upper
202	100		
200	25.8	21.2	31.8
203	22.9	16.8	25.2





#78

Terphenyl-d14

Concen: 102.32 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:244 Resp: 2779291

Ion Ratio Lower Upper

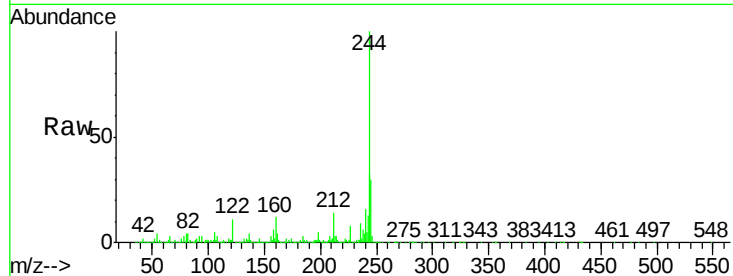
244 100

212 13.5 10.8 16.2

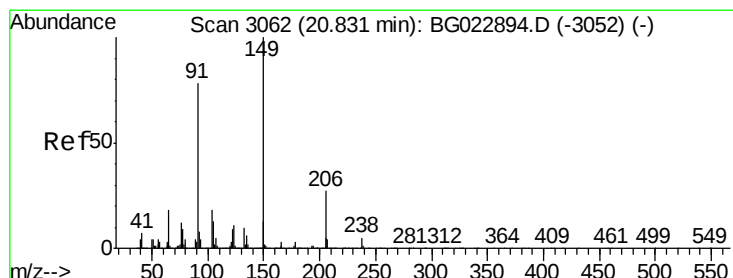
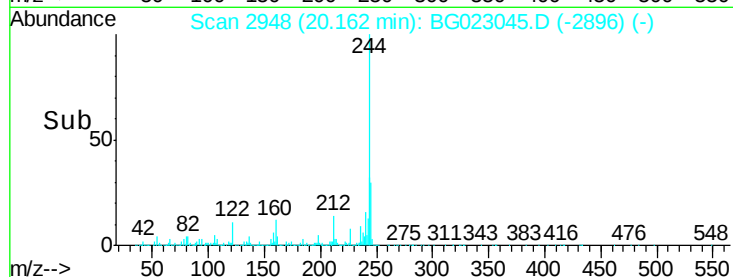
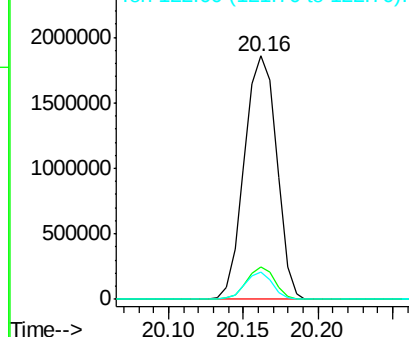
122 11.3 8.0 12.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.02 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.01 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

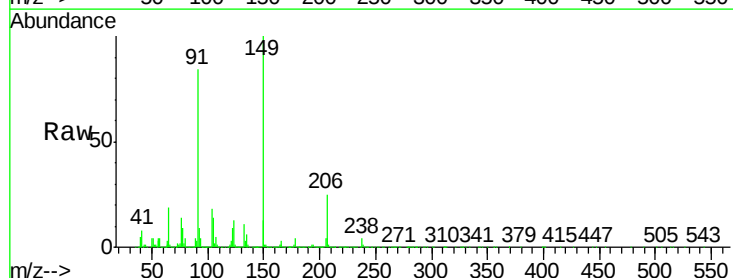
Tgt Ion:149 Resp: 953655

Ion Ratio Lower Upper

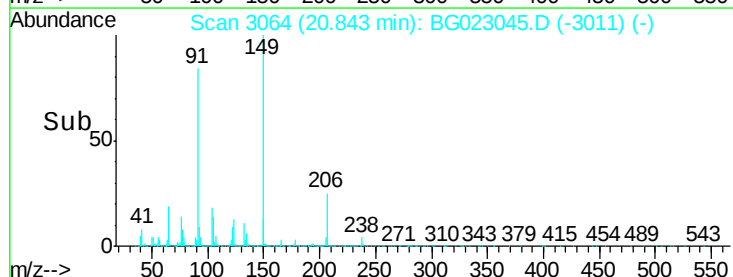
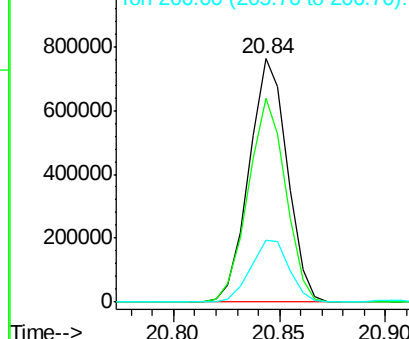
149 100

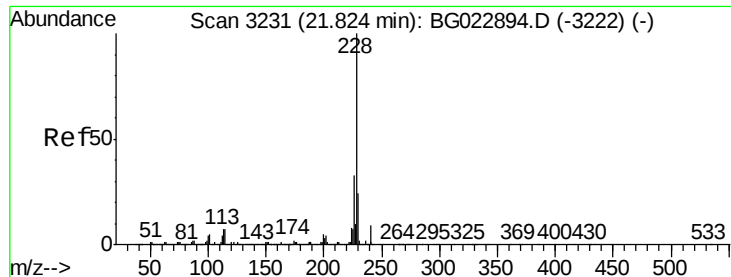
91 83.8 68.1 102.1

206 25.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.19 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:228 Resp: 2249555

Ion Ratio Lower Upper

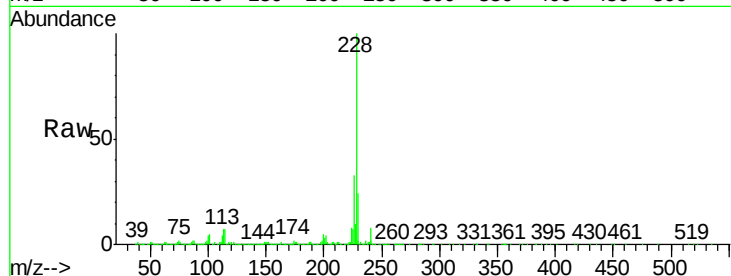
228 100

226 32.6 25.3 37.9

229 24.1 19.9 29.9

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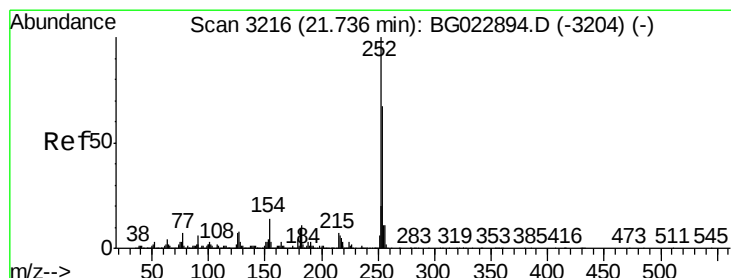
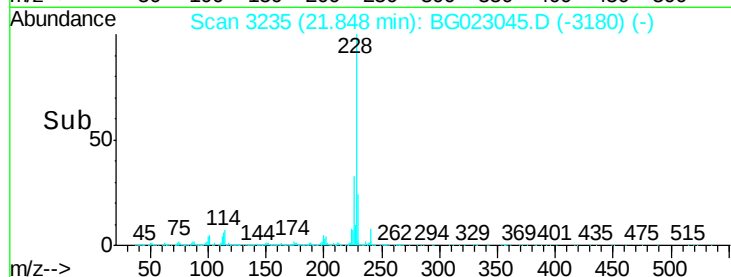
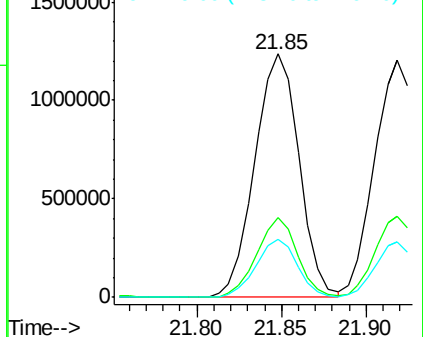
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.70 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

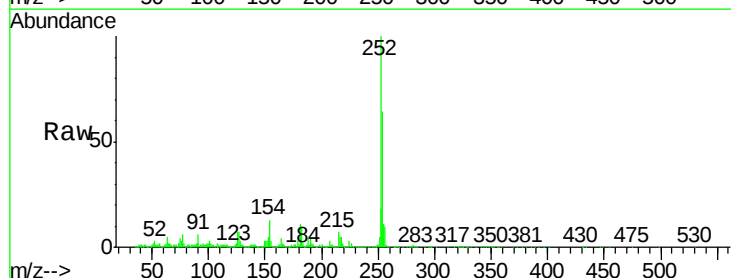
Tgt Ion:252 Resp: 610353

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

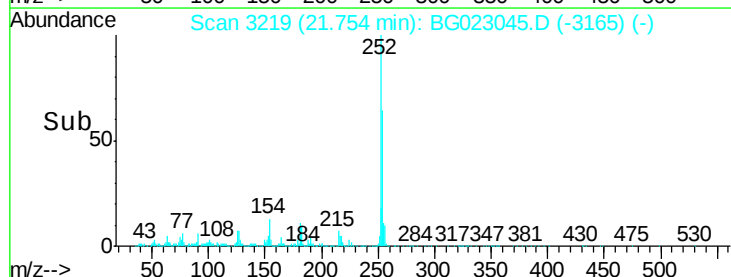
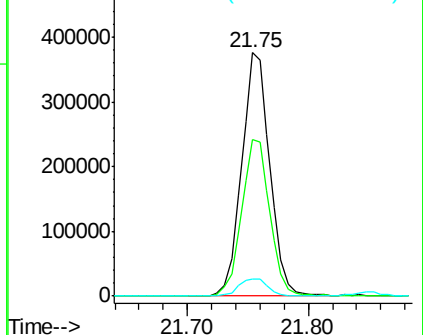
126 6.9 5.3 7.9

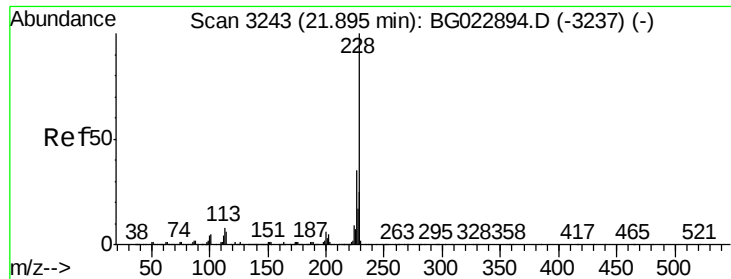


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





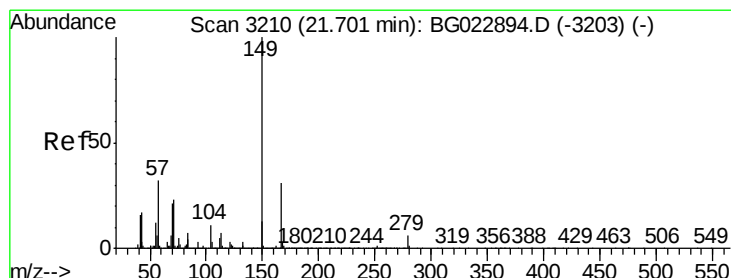
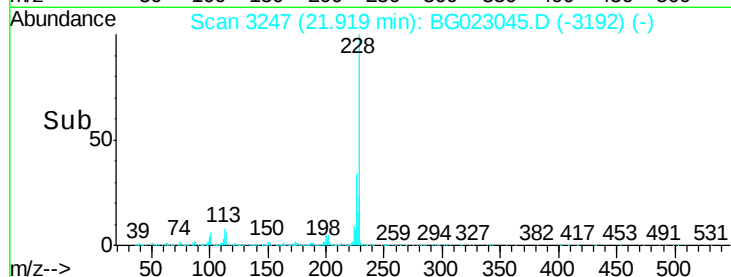
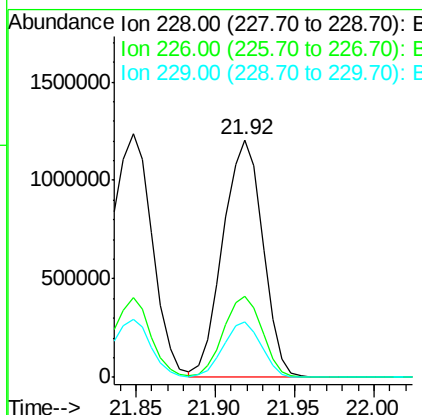
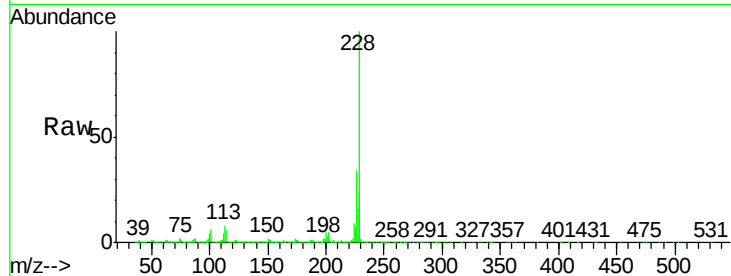
#82
Chrysene
Concen: 43.07 ng
RT: 21.92 min Scan# 3247
Delta R.T. 0.02 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	23.1	17.4	26.2

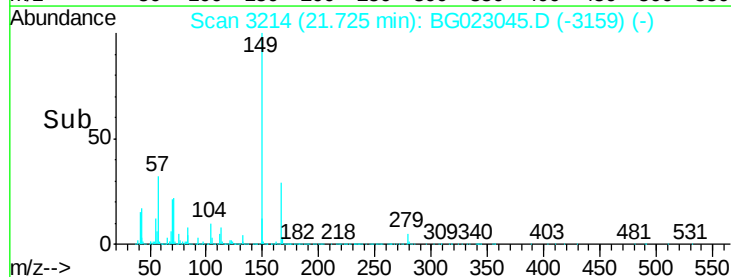
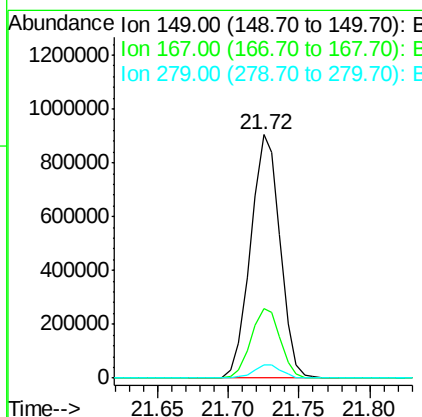
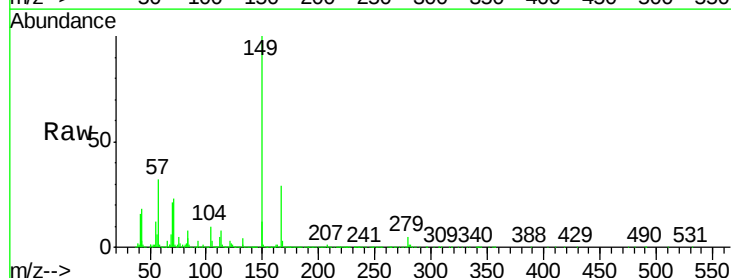
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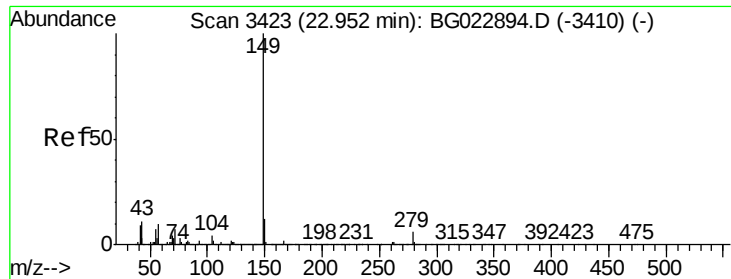
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#83
Bis(2-ethylhexyl)phthalate
Concen: 45.97 ng
RT: 21.72 min Scan# 3214
Delta R.T. 0.02 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.0	36.0
279	5.3	4.8	7.2





#84

Di-n-octyl phthalate

Concen: 45.57 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.04 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:149 Resp: 2186544

Ion Ratio Lower Upper

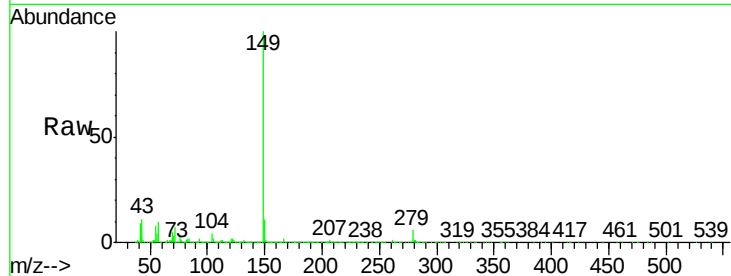
149 100

167 1.8 1.5 2.3

43 10.9 8.8 13.2

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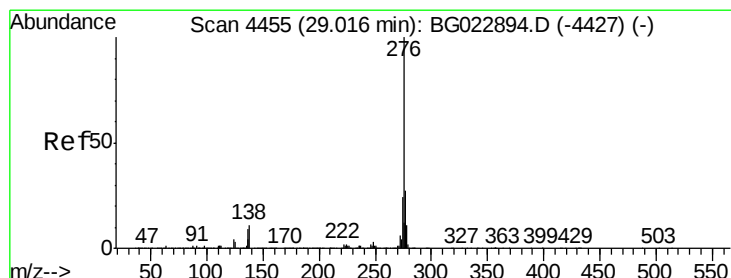
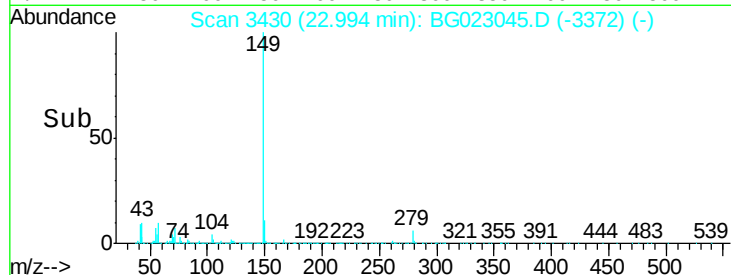
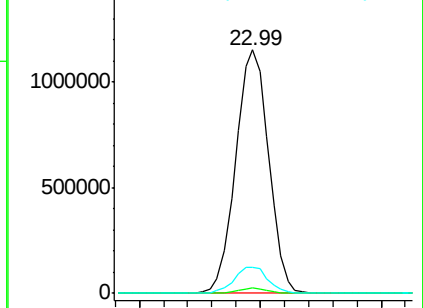
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.27 ng

RT: 29.13 min Scan# 4474

Delta R.T. 0.11 min

Lab File: BG023045.D

Acq: 12 Jul 2016 20:45

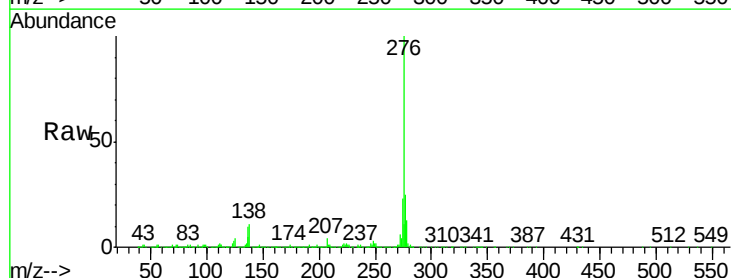
Tgt Ion:276 Resp: 2571171

Ion Ratio Lower Upper

276 100

138 5.6 0.0 0.0#

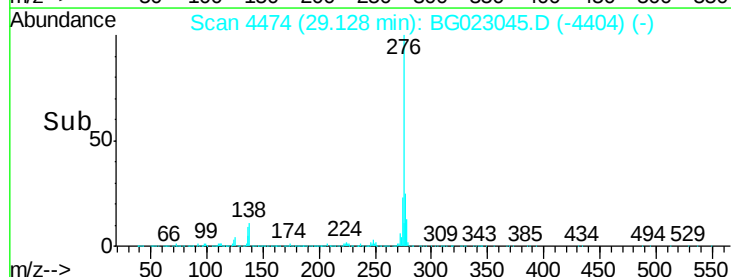
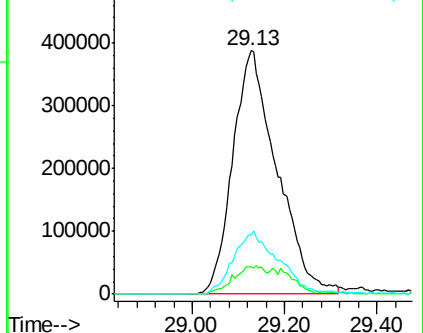
277 26.3 0.0 0.0#

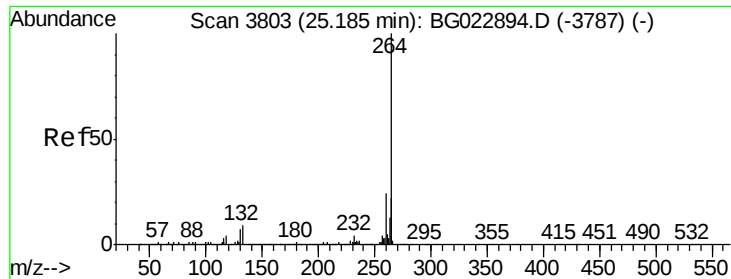


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





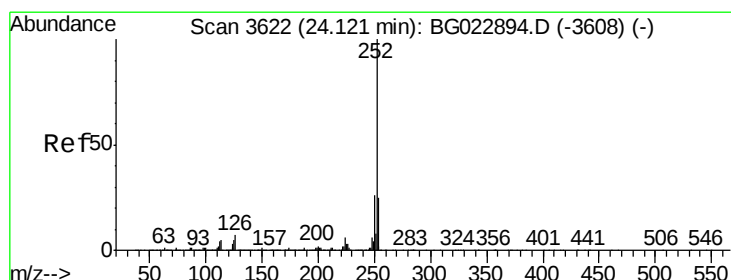
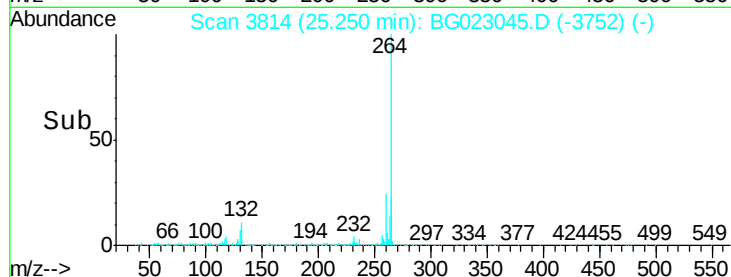
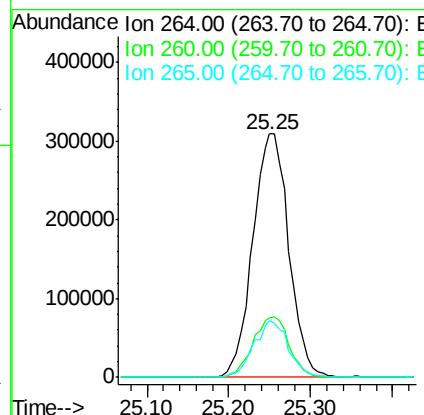
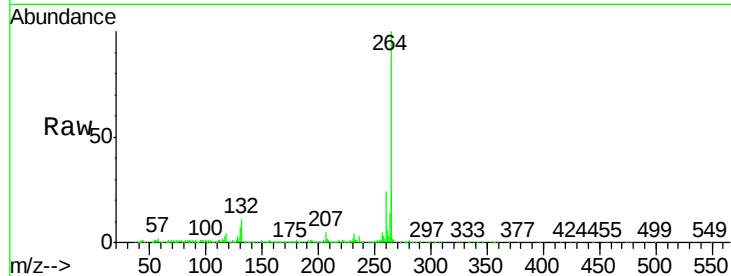
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.07 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	23.3	18.9	28.3

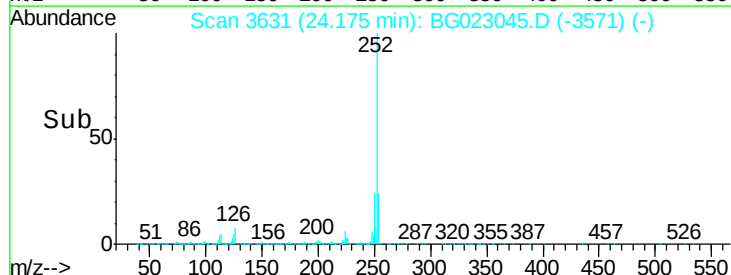
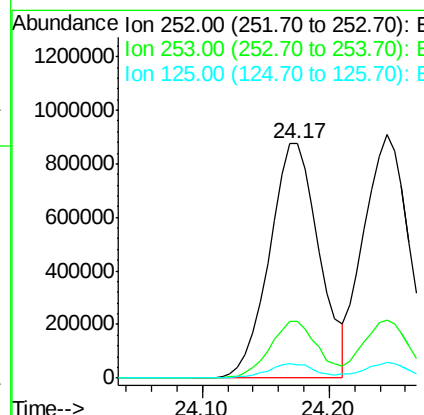
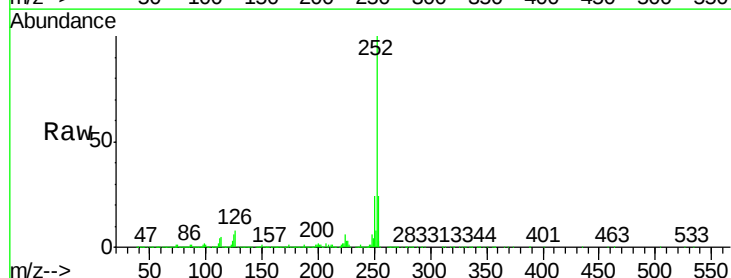
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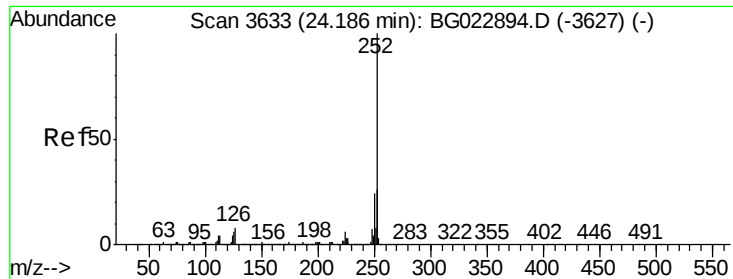
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#87
Benzo(b)fluoranthene
Concen: 43.65 ng
RT: 24.17 min Scan# 3631
Delta R.T. 0.05 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	5.6	3.9	5.9





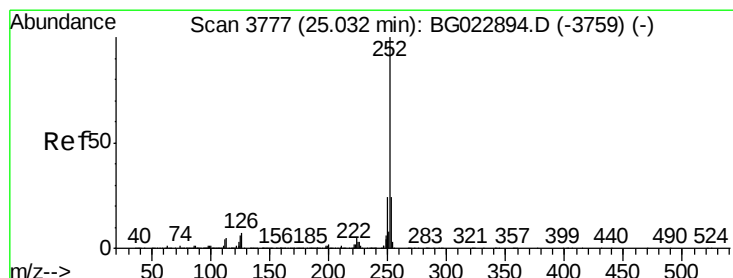
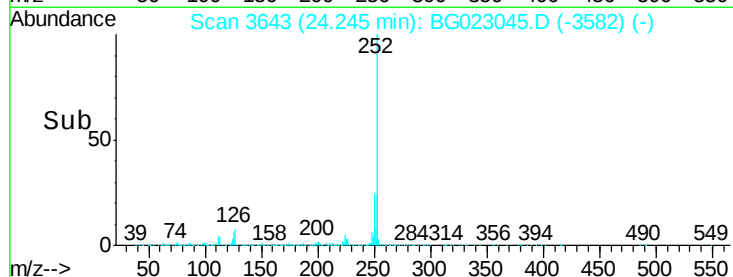
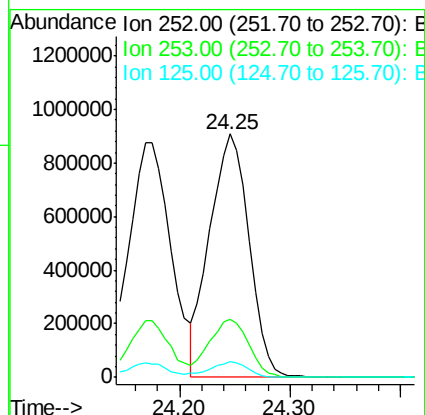
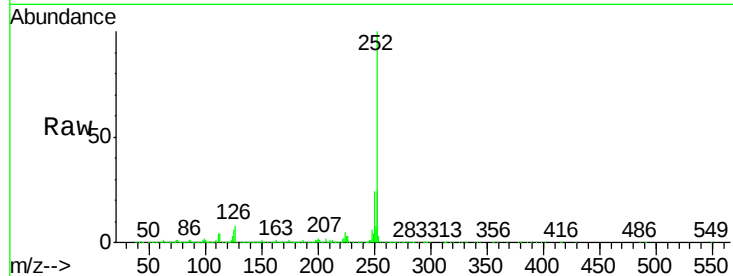
#88
Benzo(k)fluoranthene
Concen: 43.12 ng
RT: 24.25 min Scan# 3643
Delta R.T. 0.06 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	6.2	3.2	4.8

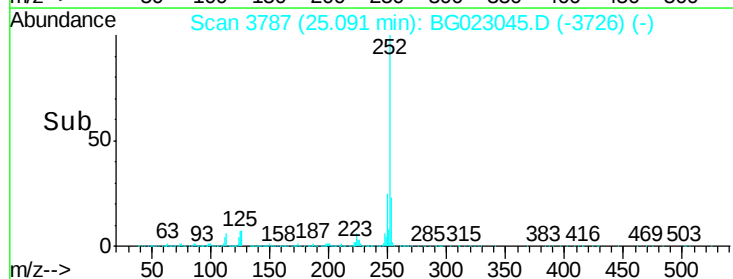
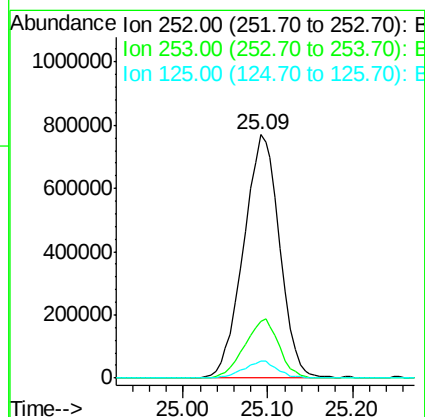
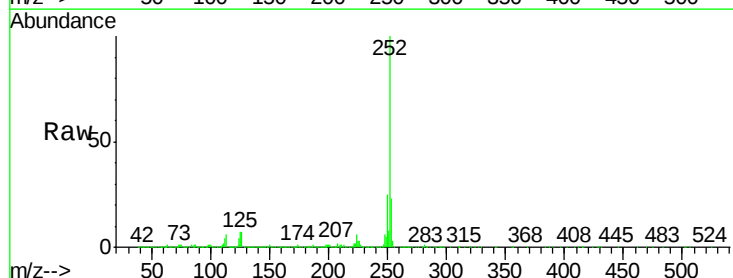
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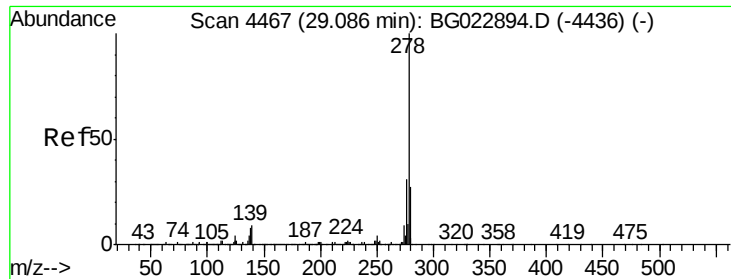
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#89
Benzo(a)pyrene
Concen: 43.62 ng
RT: 25.09 min Scan# 3787
Delta R.T. 0.06 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	6.9	3.9	5.9





#90
Dibenzo(a,h)anthracene
Concen: 41.53 ng
RT: 29.20 min Scan# 4486
Delta R.T. 0.11 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

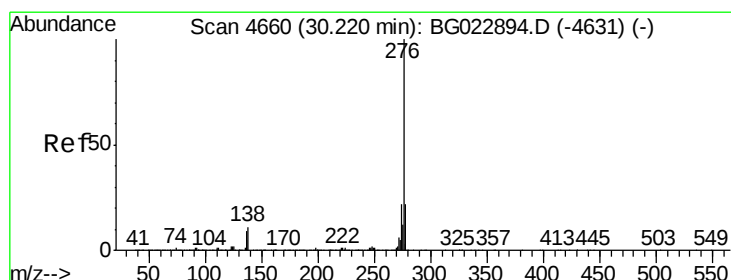
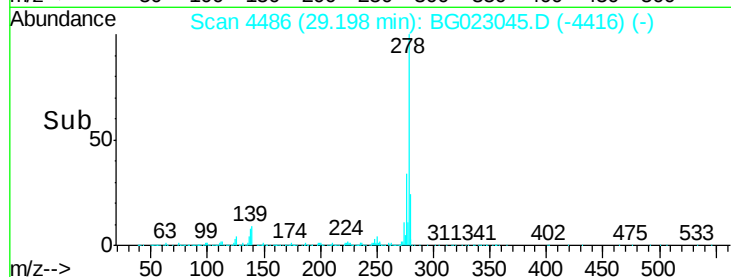
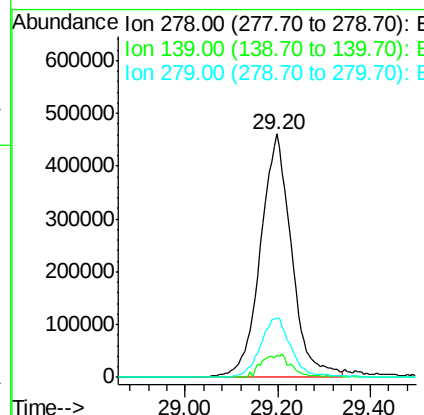
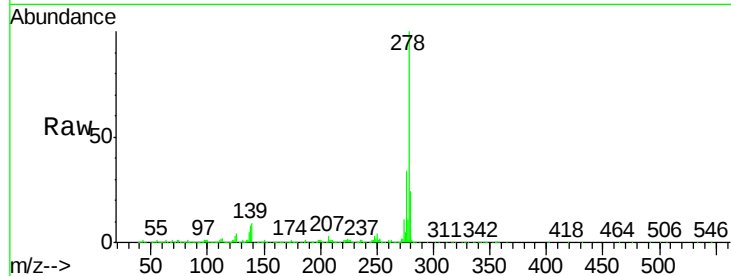
Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion:278 Resp: 2157171

Ion	Ratio	Lower	Upper
278	100		
139	9.2	4.7	7.1#
279	24.3	18.3	27.5

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#91
Benzo(g,h,i)perylene
Concen: 40.02 ng
RT: 30.34 min Scan# 4681
Delta R.T. 0.12 min
Lab File: BG023045.D
Acq: 12 Jul 2016 20:45

Tgt Ion:276 Resp: 2081751

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	11.1	6.8	10.2#

