

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023102.D
 Acq On : 14 Jul 2016 15:31
 Operator : UM/SJ
 Sample : H3995-27MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Manual Integrations

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 Sohil
 7/15/2016 9:14:17 AM

Quant Time: Jul 14 18:46:43 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	126637	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	619296	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	494360	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1110141	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1209301	20.00	ng	0.01
86) Perylene-d12	25.23	264	1240413	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	580029	74.91	ng	0.00
7) Phenol-d6	7.31	99	712607	58.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	1235372	85.42	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	918917	103.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2446498	77.95	ng	0.00
78) Terphenyl-d14	20.16	244	3007214	75.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	46003	15.29	ng	# 86
3) Pyridine	3.97	79	223562	21.71	ng	93
4) n-Nitrosodimethylamine	3.88	42	118845	26.90	ng	# 95
6) Aniline	7.47	93	335523	19.96	ng	99
8) 2-Chlorophenol	7.72	128	246802	29.95	ng	96
9) Benzaldehyde	7.28	77	109960	13.57	ng	90
10) Phenol	7.34	94	406431	32.57	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	257592	26.05	ng	94
12) 1,3-Dichlorobenzene	8.04	146	247644	24.55	ng	97
13) 1,4-Dichlorobenzene	8.19	146	250699	24.83	ng	97
14) 1,2-Dichlorobenzene	8.51	146	246100	24.52	ng	92
15) Benzyl Alcohol	8.39	79	348090	31.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	318092	26.33	ng	93
17) 2-Methylphenol	8.60	107	251213	30.93	ng	95
18) Hexachloroethane	9.25	117	108131	25.37	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	278654	25.49	ng	# 96
20) 3+4-Methylphenols	8.93	107	349686	30.87	ng	95
22) Acetophenone	8.98	105	445425	23.97	ng	# 93
24) Nitrobenzene	9.37	77	419825	27.32	ng	97
25) Isophorone	9.89	82	764664	26.29	ng	96
26) 2-Nitrophenol	10.09	139	162278	26.91	ng	95
27) 2,4-Dimethylphenol	10.14	122	288109	27.64	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	416876	25.70	ng	98
29) 2,4-Dichlorophenol	10.63	162	317054	28.52	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	308227	24.19	ng	97
31) Naphthalene	11.03	128	810743	25.72	ng	99
32) Benzoic acid	10.27	122	192270	20.27	ng	95
33) 4-Chloroaniline	11.14	127	191310	12.41	ng	95
34) Hexachlorobutadiene	11.31	225	236069	22.86	ng	96
35) Caprolactam	11.92	113	119738m	26.18	ng	
36) 4-Chloro-3-methylphenol	12.26	107	413534	27.20	ng	99
37) 2-Methylnaphthalene	12.63	142	647023	25.97	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	427634	20.07	ng	99
40) Hexachlorocyclopentadiene	12.97	237	505236	41.20	ng	96

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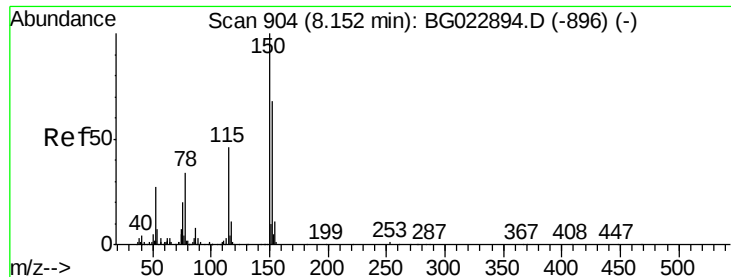
Manual Integrations

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	305217	24.93	nq	93
43) 2,4,5-Trichlorophenol	13.31	196	324860	25.84	nq	95
45) 1,1'-Biphenyl	13.63	154	939699	25.33	nq	99
46) 2-Chloronaphthalene	13.68	162	764111	25.40	nq	98
47) 2-Nitroaniline	13.88	65	331889	25.85	nq	99
48) Acenaphthylene	14.53	152	1132832	25.10	nq	100
49) Dimethylphthalate	14.25	163	1078368	26.70	nq	99
50) 2,6-Dinitrotoluene	14.37	165	230530	25.40	nq	93
51) Acenaphthene	14.87	154	979069m	33.19	nq	
52) 3-Nitroaniline	14.71	138	129060	14.26	nq	94
53) 2,4-Dinitrophenol	14.91	184	287531	46.17	nq	97
54) Dibenzofuran	15.20	168	1209495	27.40	nq	100
55) 4-Nitrophenol	15.03	139	372123	49.06	nq	97
56) 2,4-Dinitrotoluene	15.16	165	332837	25.16	nq	96
57) Fluorene	15.85	166	987738	25.99	nq	94
58) 2,3,4,6-Tetrachlorophenol	15.43	232	324891	25.82	nq	98
59) Diethylphthalate	15.61	149	1069821	26.04	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	552174	23.86	nq	99
61) 4-Nitroaniline	15.87	138	221512	22.62	nq	# 85
62) Azobenzene	16.13	77	1192306	30.34	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	208453	25.26	nq	96
65) n-Nitrosodiphenylamine	16.05	169	906649	28.35	nq	94
66) 4-Bromophenyl-phenylether	16.74	248	367815	25.47	nq	95
67) Hexachlorobenzene	16.85	284	390807	24.89	nq	98
68) Atrazine	17.00	200	345952	24.38	nq	95
69) Pentachlorophenol	17.21	266	517332	50.87	nq	97
70) Phenanthrene	17.60	178	1528389	28.09	nq	98
71) Anthracene	17.69	178	1566519	28.44	nq	99
72) Carbazole	17.96	167	1361287	28.60	nq	97
73) Di-n-butylphthalate	18.50	149	1646027	31.09	nq	98
74) Fluoranthene	19.60	202	1783164	26.71	nq	99
76) Benzidine	19.79	184	238112	6.87	nq	99
77) Pyrene	19.96	202	1794717	26.41	nq	97
79) Butylbenzylphthalate	20.84	149	808140	30.02	nq	98
80) Benzo(a)anthracene	21.84	228	1898577	28.06	nq	97
81) 3,3'-Dichlorobenzidine	21.75	252	381310	12.84	nq	# 93
82) Chrysene	21.91	228	1760600	27.74	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1112057	29.75	nq	100
84) Di-n-octyl phthalate	22.98	149	1875336	30.09	nq	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2113731	26.12	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	1986574m	27.76	nq	
88) Benzo(k)fluoranthene	24.23	252	1886753	27.78	nq	# 98
89) Benzo(a)pyrene	25.07	252	1924293	28.05	nq	# 99
90) Dibenzo(a,h)anthracene	29.16	278	1759085	25.84	nq	# 94
91) Benzo(g,h,i)perylene	30.31	276	1701753	24.96	nq	# 97

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



#1

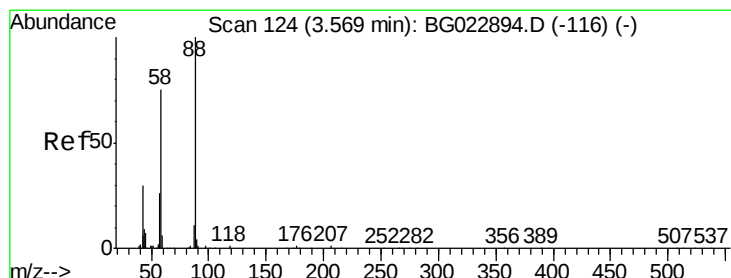
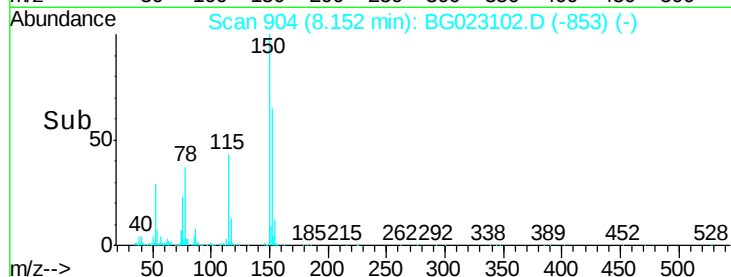
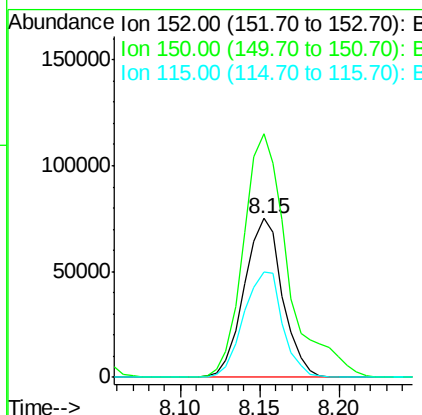
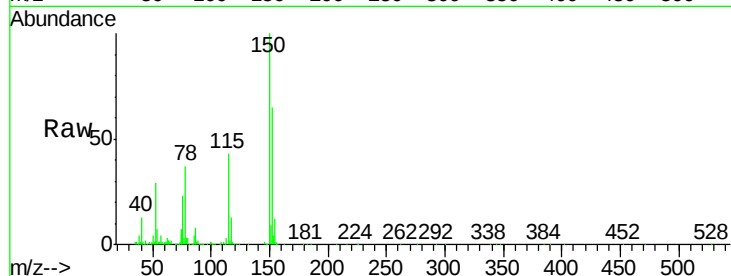
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	144.7	217.1
115	66.2	64.0	96.0

Manual Integrations

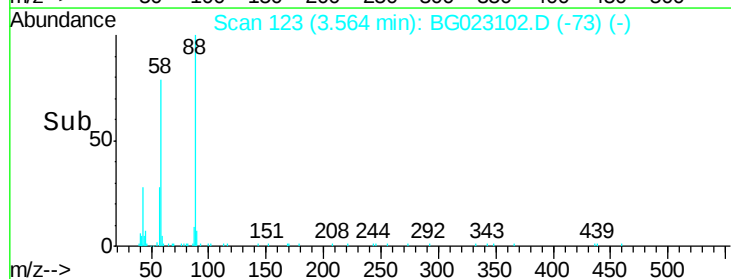
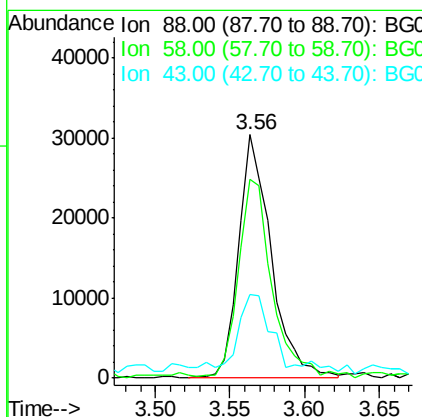
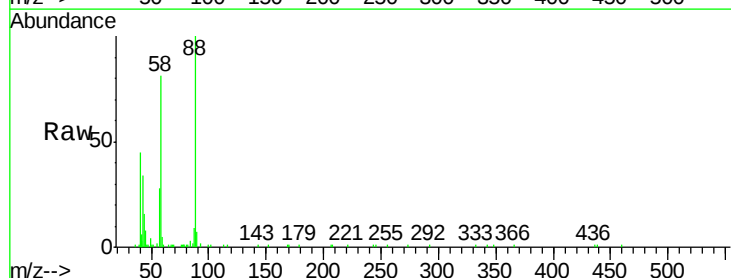
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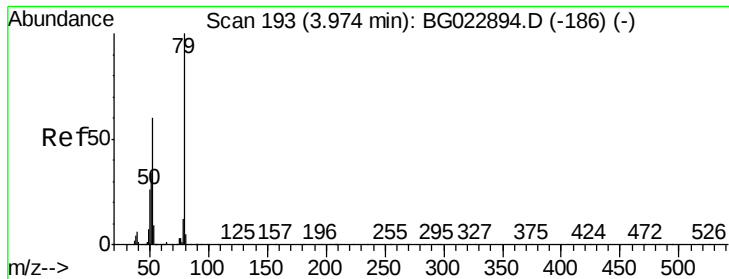


#2

1,4-Dioxane
Concen: 15.29 ng
RT: 3.56 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	60.4	90.6
43	28.1	31.1	46.7





#3

Pvridine

Concen: 21.71 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

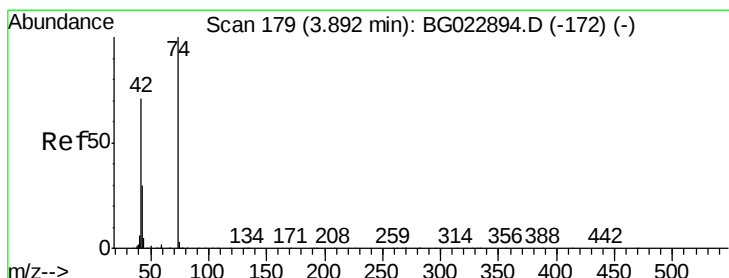
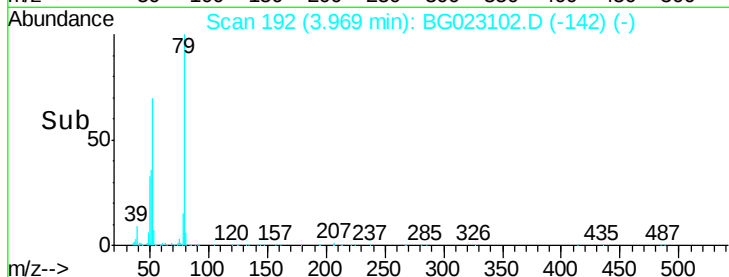
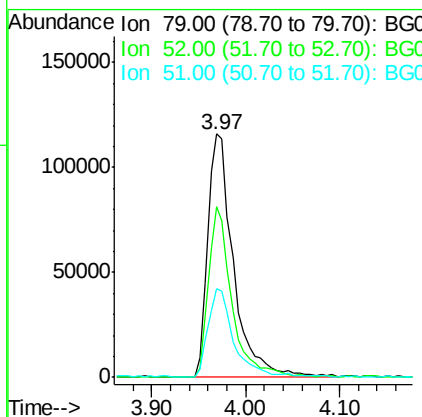
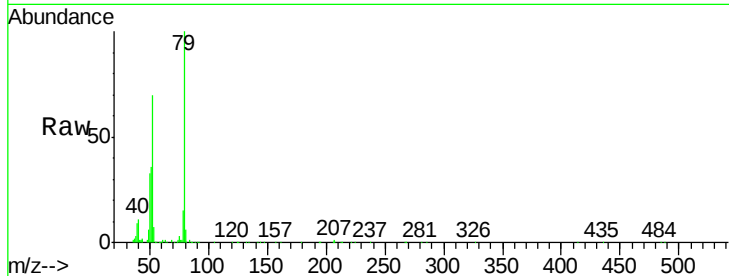
LSS-MW-SB22(20)MS

Tot Ion:	79	Resp:	223562
Ion Ratio	Lower	Upper	
79	100		
52	69.9	51.8	77.8
51	36.3	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 26.90 ng

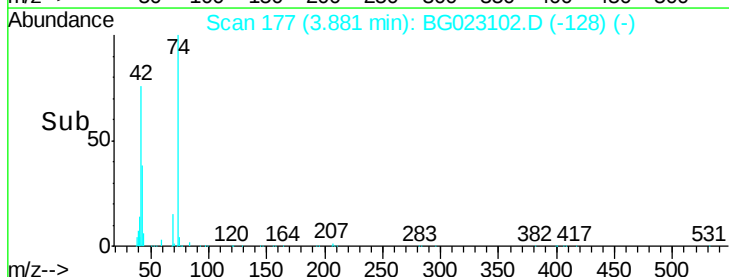
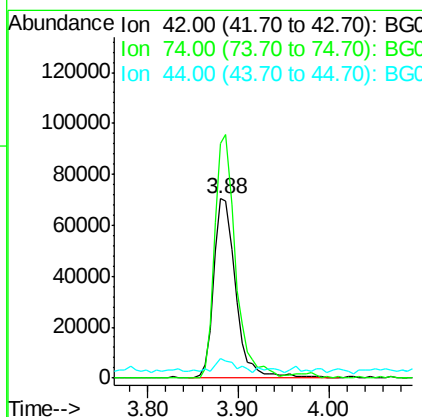
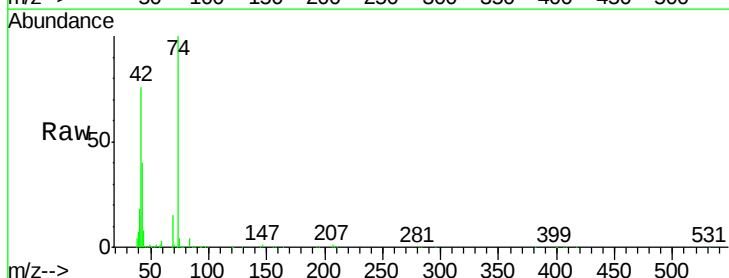
RT: 3.88 min Scan# 177

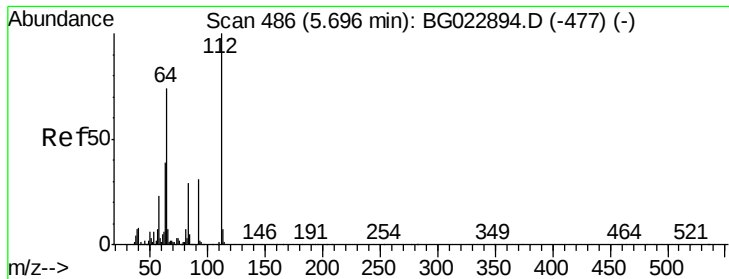
Delta R.T. -0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tgt Ion:	42	Resp:	118845
Ion Ratio	Lower	Upper	
42	100		
74	131.2	100.6	150.8
44	11.1	4.5	6.7#





#5

2-Fluorophenol

Concen: 74.91 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023102.D

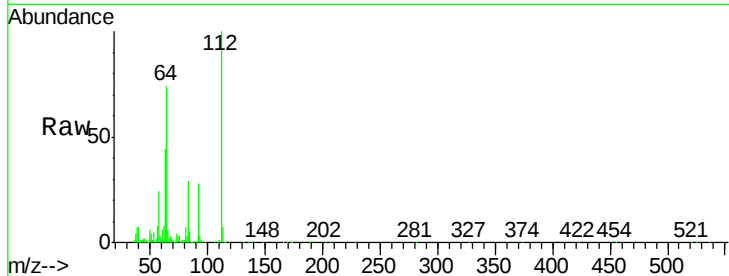
Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

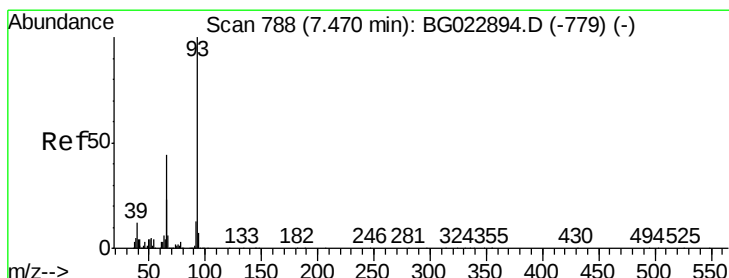
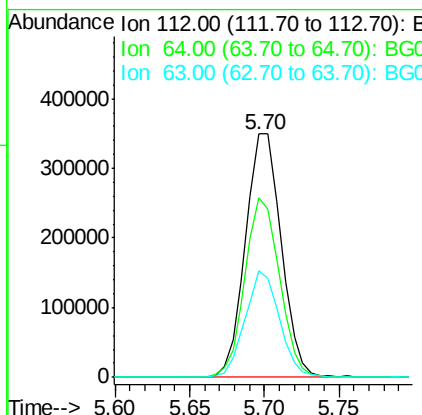
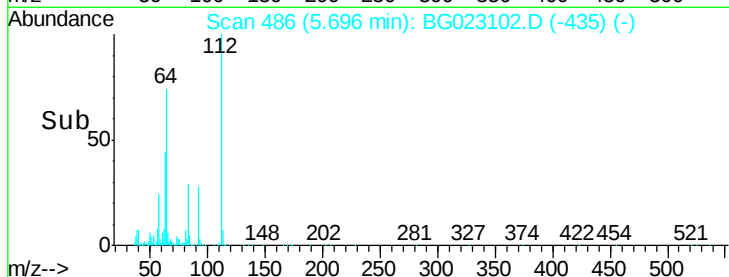


Tot Ion	Ratio	Lower	Upper
112	100		
64	73.9	59.0	88.4
63	43.7	37.8	56.8

Manual Integrations

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#6

Aniline

Concen: 19.96 ng

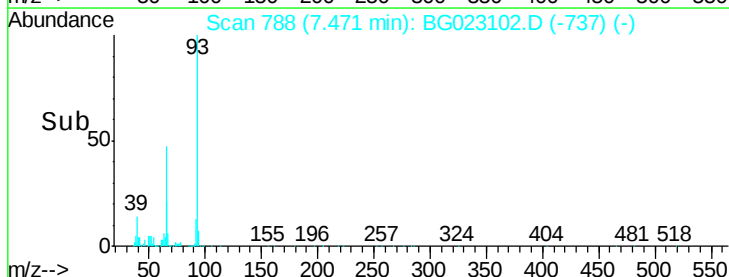
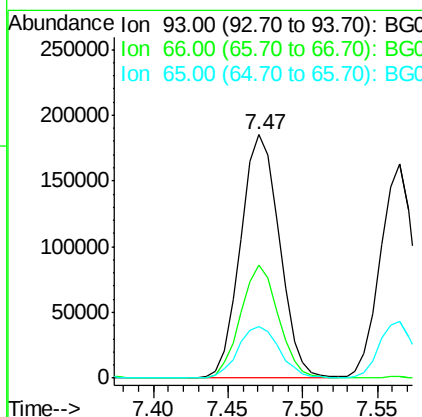
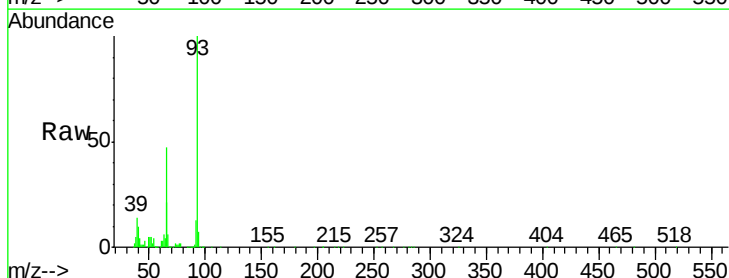
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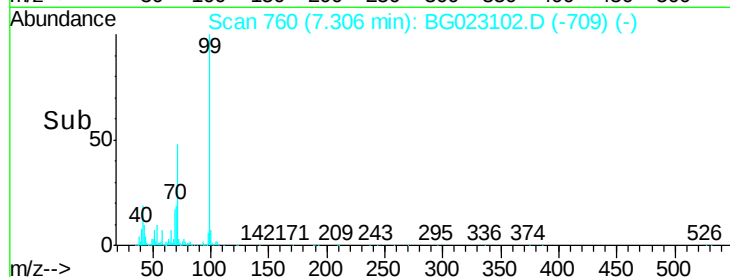
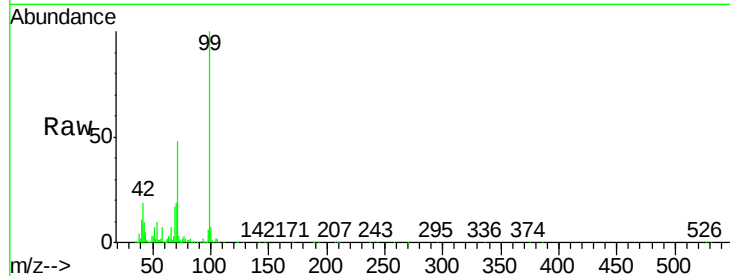
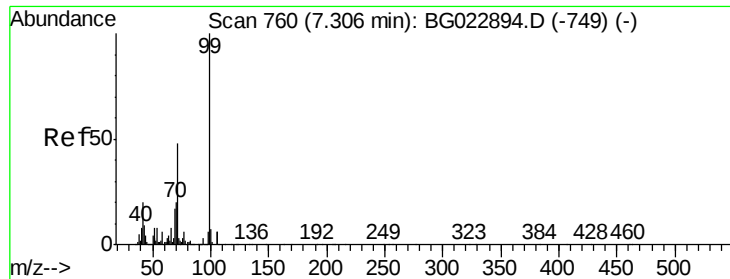
Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.7	37.5	56.3
65	21.4	17.9	26.9





#7

Phenol-d6

Concen: 58.76 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tot Ion:	99	Resp:	712607
Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.8	26.6
71	48.2	41.5	62.3

Instrument :

BNA_G

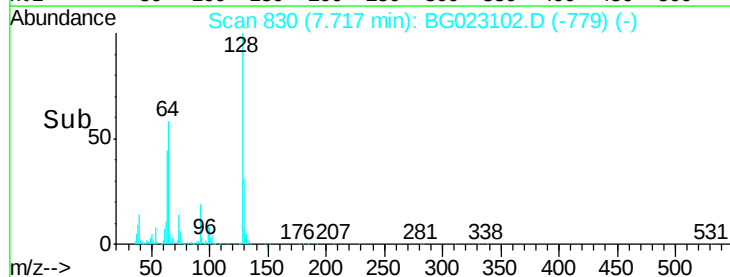
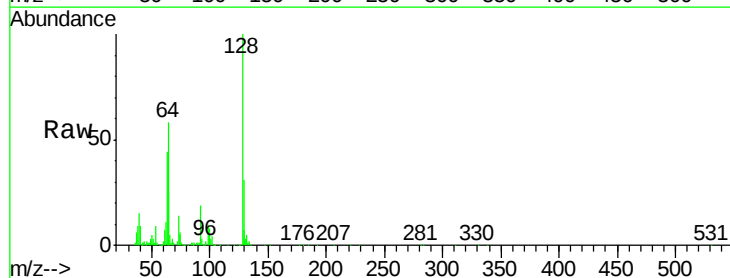
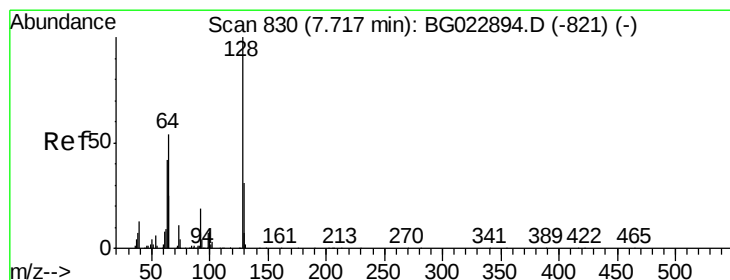
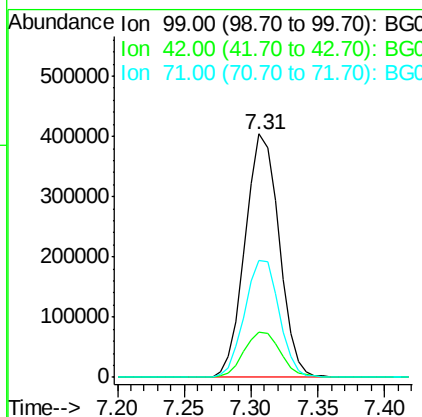
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Manual Integrations

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#8

2-Chlorophenol

Concen: 29.95 ng

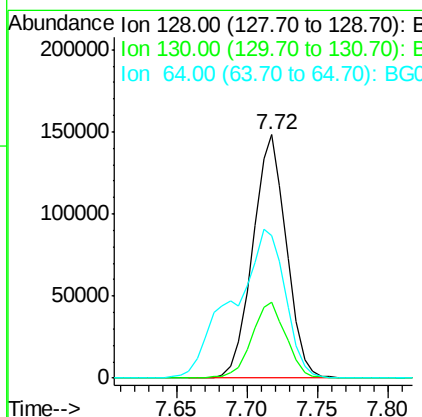
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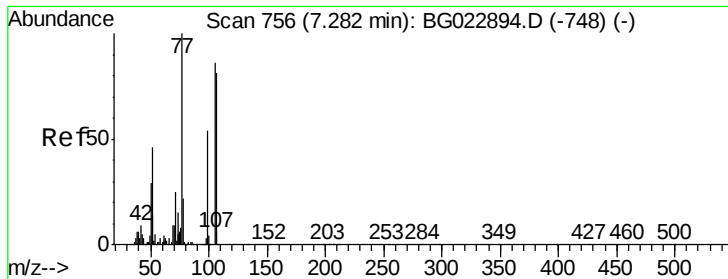
Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tgt Ion:	128	Resp:	246802
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.9	52.9
64	58.3	42.0	82.0





#9

Benzaldehyde

Concen: 13.57 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023102.D

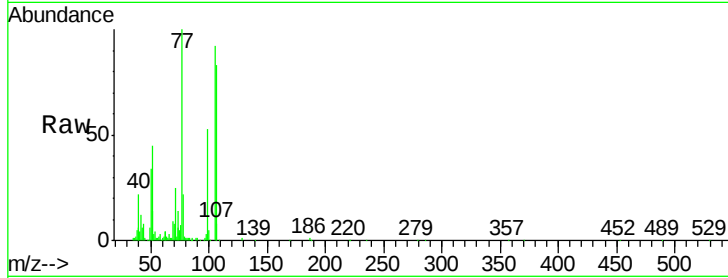
Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

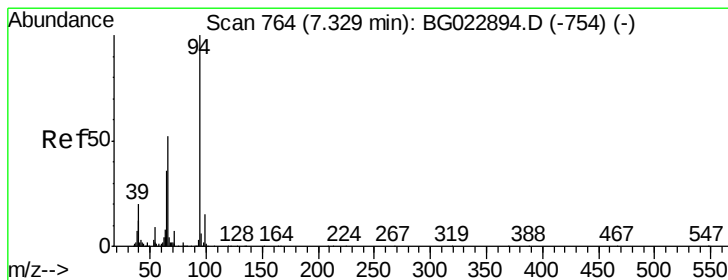
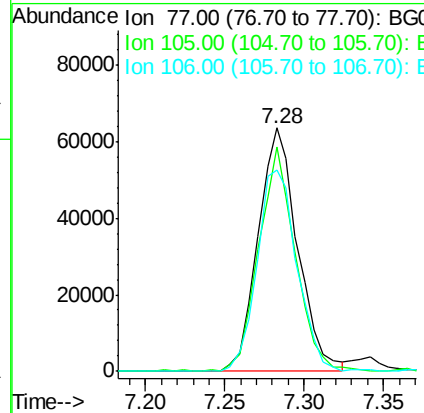
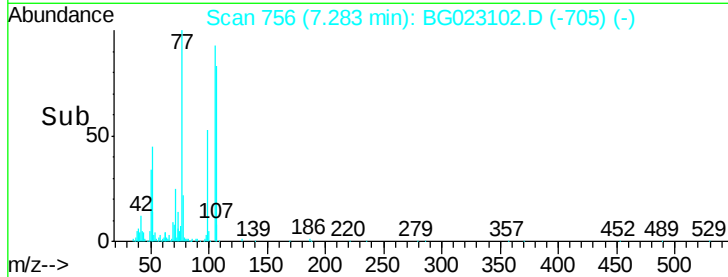


Tot Ion:	77	Resp:	109960
Ion	Ratio	Lower	Upper
77	100		
105	92.4	58.7	98.7
106	82.7	67.5	107.5

Manual Integrations

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#10

Phenol

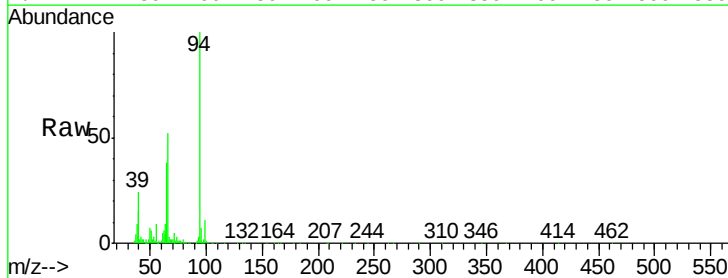
Concen: 32.57 ng

RT: 7.34 min Scan# 765

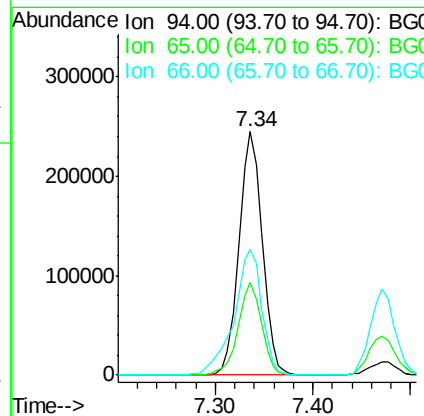
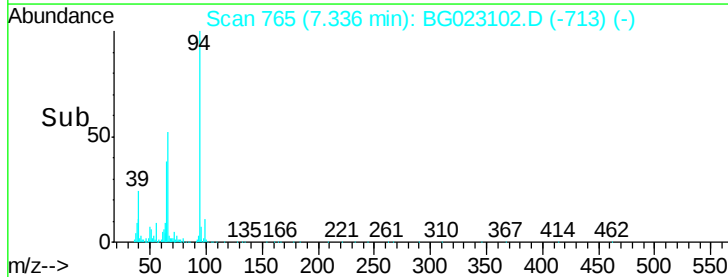
Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31



Tgt Ion:	94	Resp:	406431
Ion	Ratio	Lower	Upper
94	100		
65	38.3	18.1	58.1
66	51.6	42.1	82.1





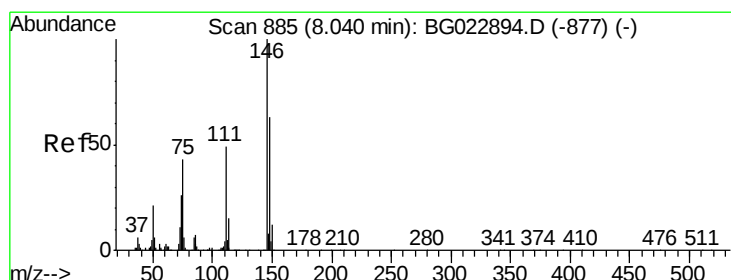
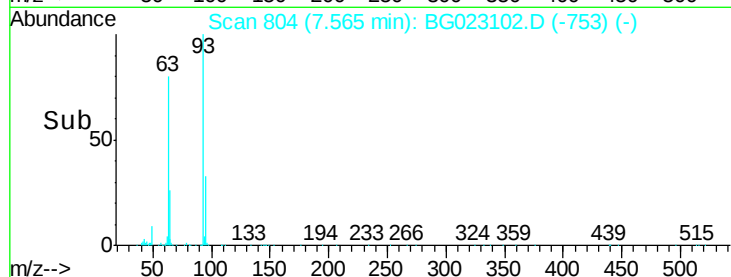
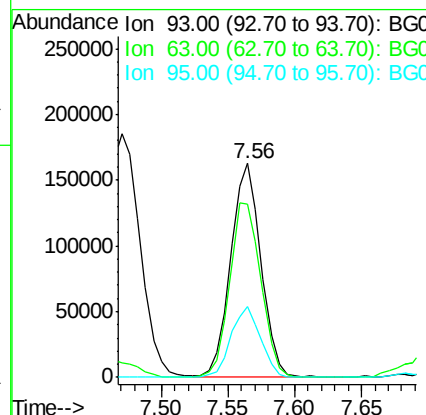
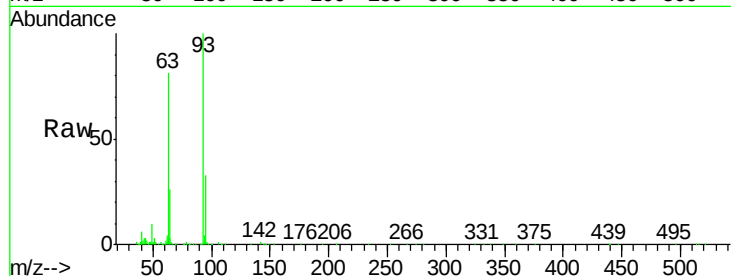
#11
bis(2-Chloroethyl)ether
Concen: 26.05 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion:	93	Resp:	257592
Ion Ratio	Lower	Upper	
93	100		
63	80.8	55.0	95.0
95	32.9	11.0	51.0

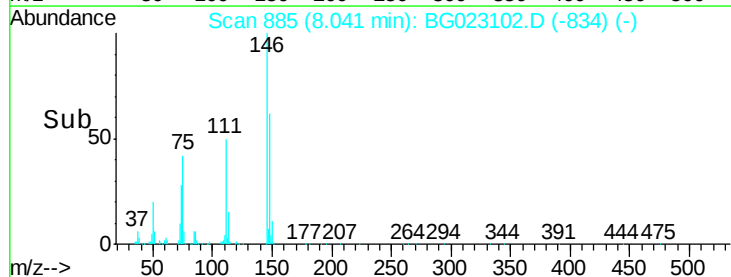
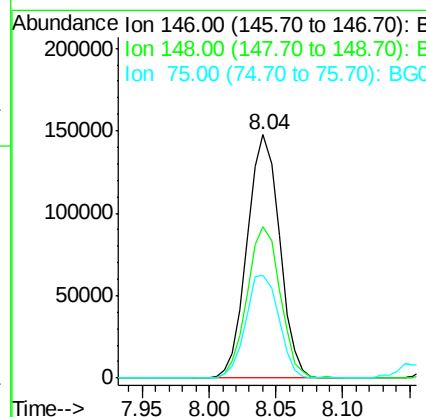
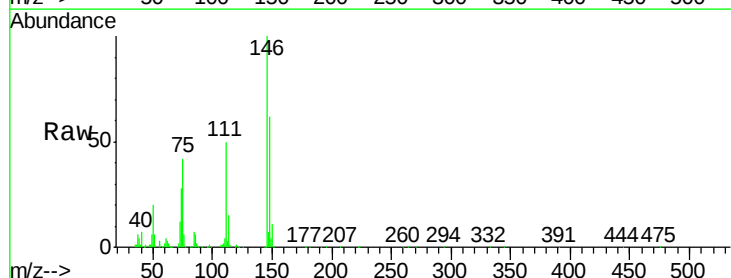
Manual Integrations

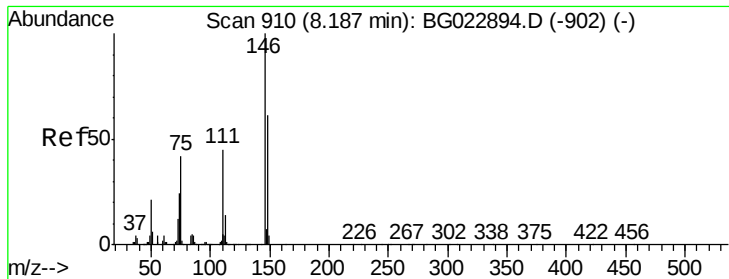
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#12
1,3-Dichlorobenzene
Concen: 24.55 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion:	146	Resp:	247644
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.3	75.5
75	42.0	37.0	55.6





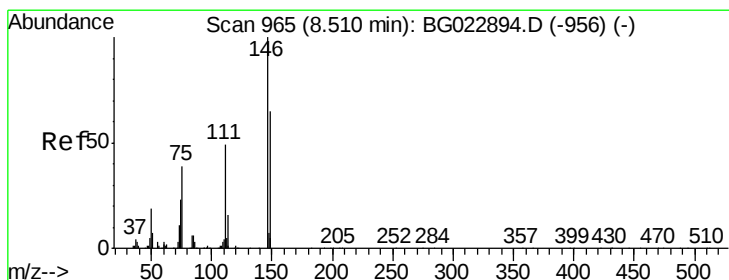
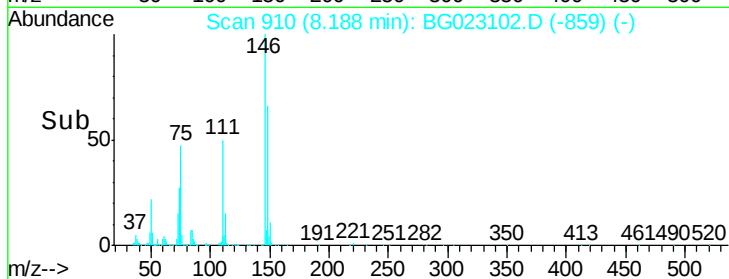
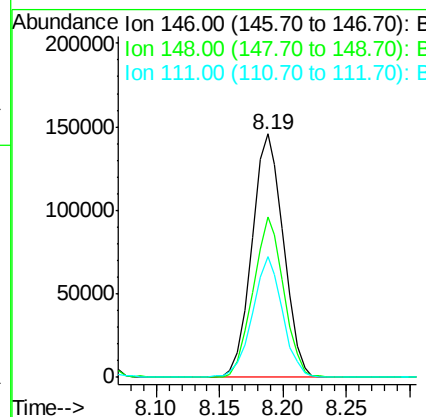
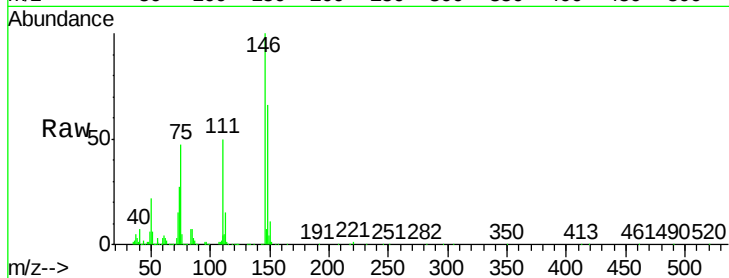
#13
1,4-Dichlorobenzene
Concen: 24.83 ng
RT: 8.19 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.5	81.7
111	49.7	37.8	56.8

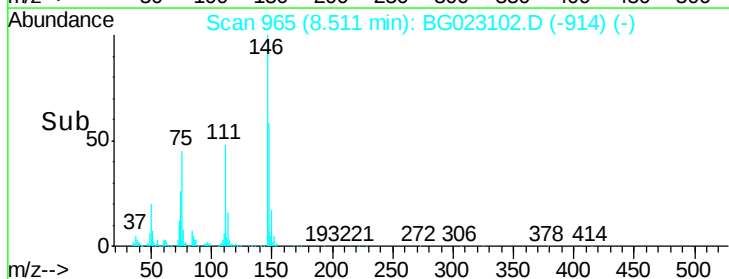
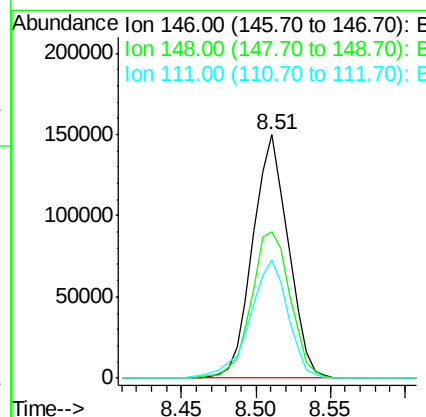
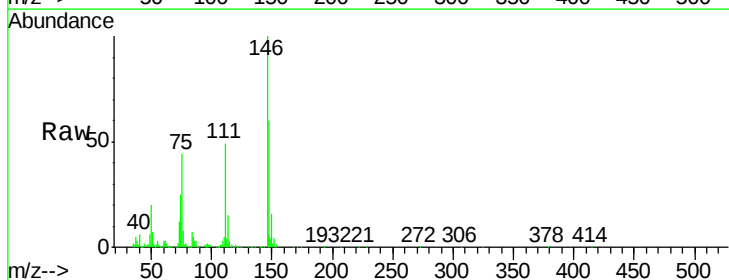
Manual Integrations

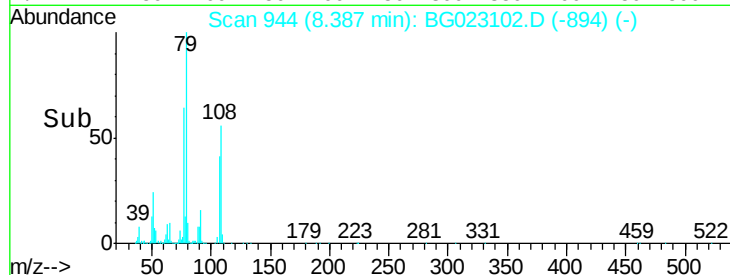
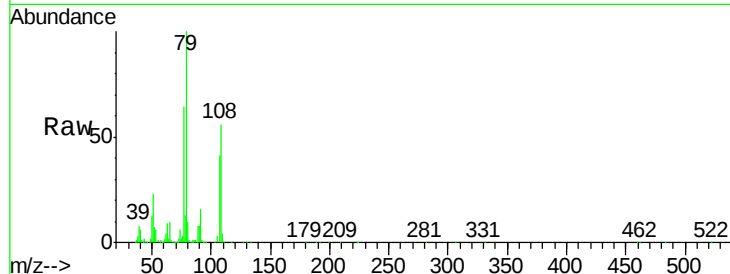
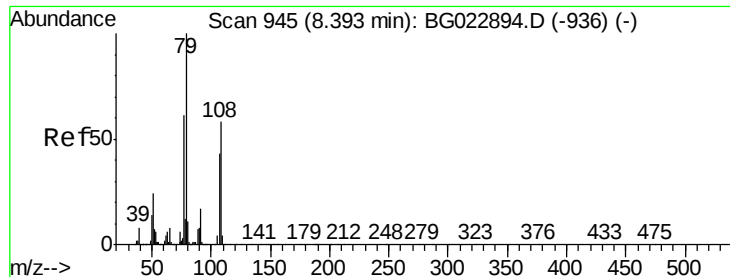
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#14
1,2-Dichlorobenzene
Concen: 24.52 ng
RT: 8.51 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	52.9	79.3
111	48.6	43.5	65.3





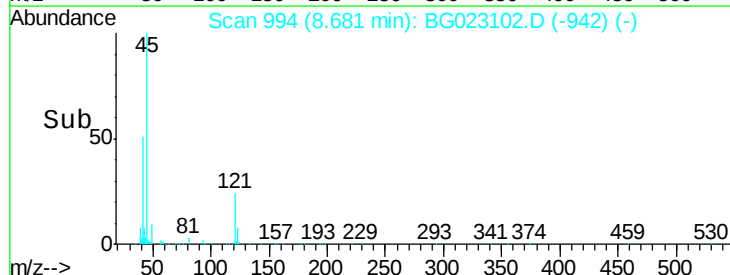
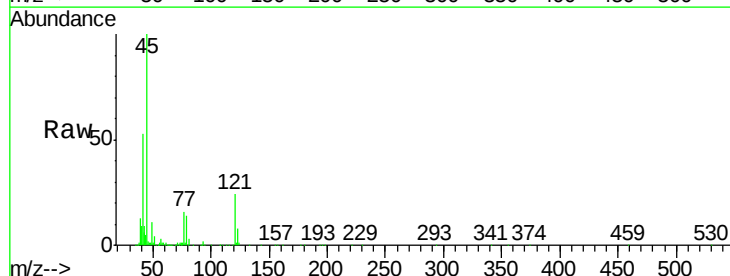
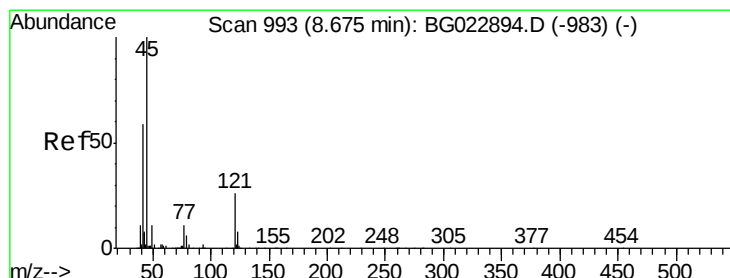
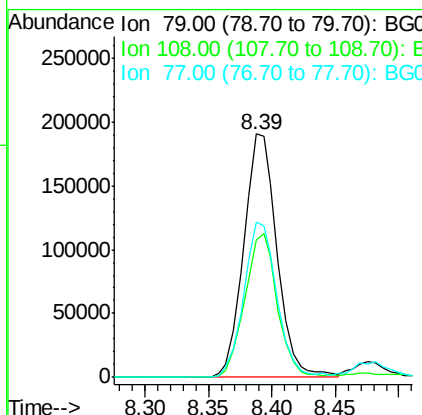
#15
Benzyl Alcohol
Concen: 31.34 ng
RT: 8.39 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.4	46.5	69.7
77	64.0	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

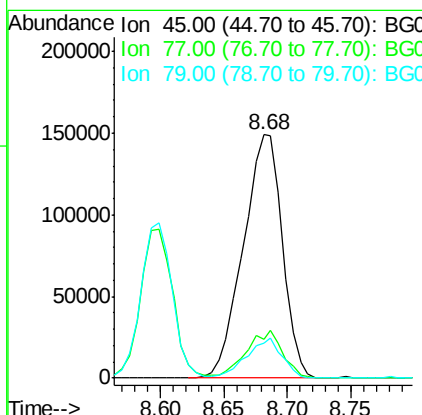
Manual Integrations

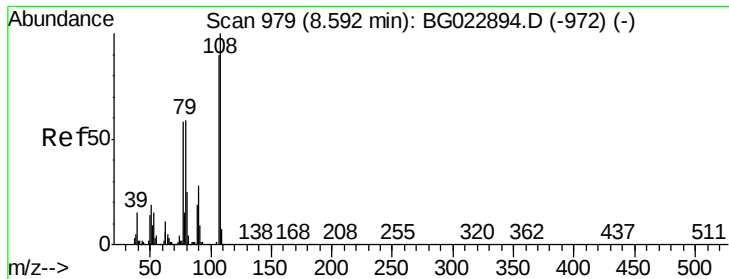
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.33 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.6	40.6
79	14.4	0.0	36.2





#17

2-Methylphenol

Concen: 30.93 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG023102.D

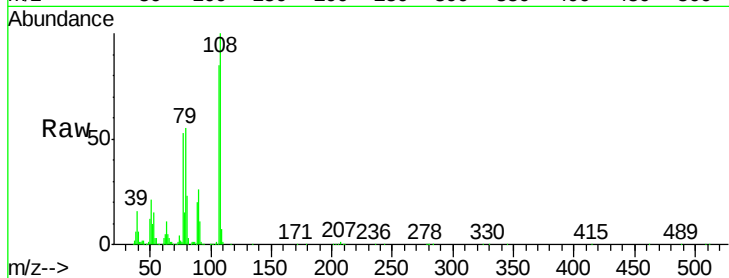
Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

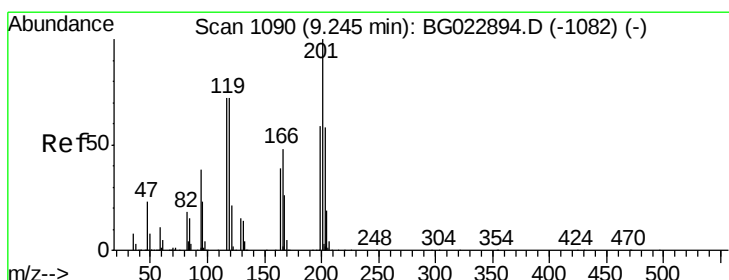
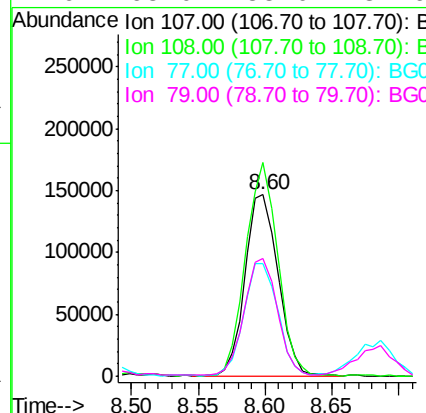
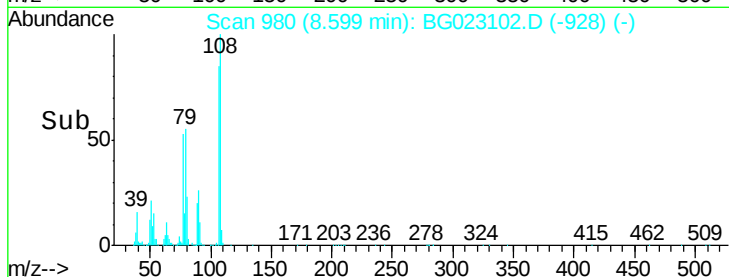


Tot Ion	107	Resp	251213
Ion Ratio	Lower	Upper	
107	100		
108	117.6	92.0	138.0
77	62.0	55.8	83.6
79	65.0	55.0	82.6

Manual Integrations

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#18

Hexachloroethane

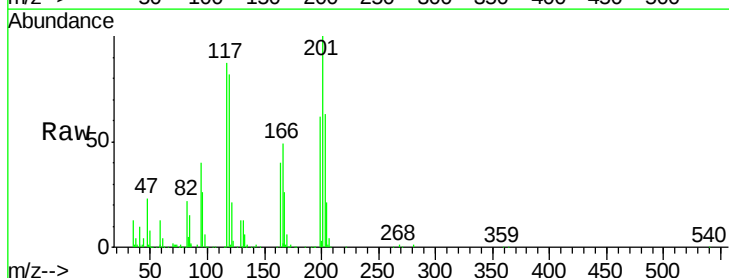
Concen: 25.37 ng

RT: 9.25 min Scan# 1090

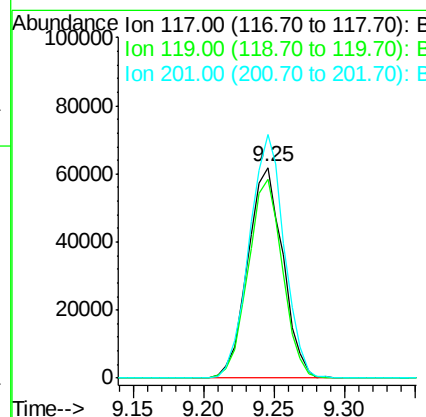
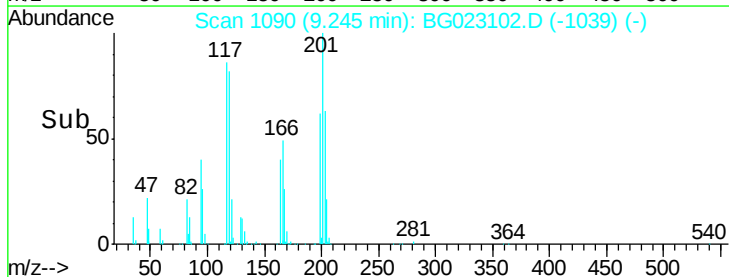
Delta R.T. 0.00 min

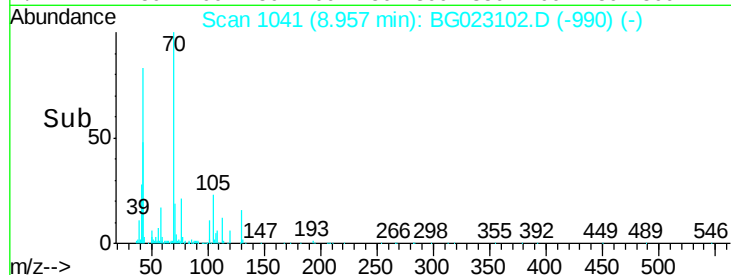
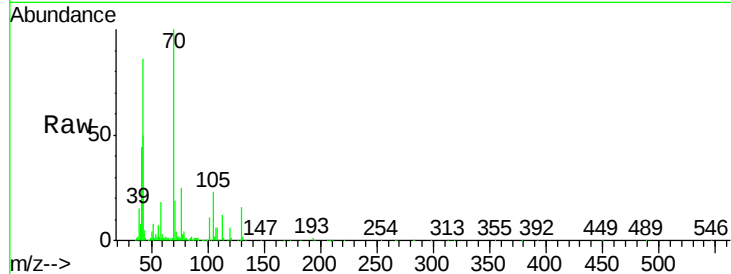
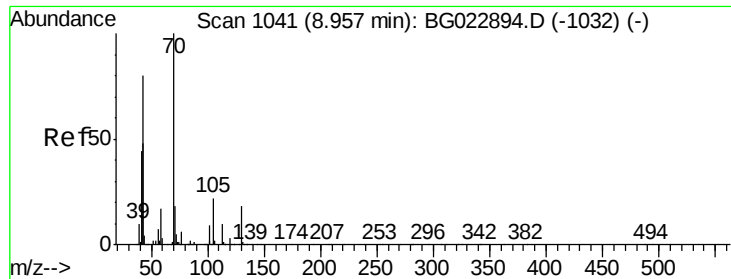
Lab File: BG023102.D

Acq: 14 Jul 2016 15:31



Tgt Ion	117	Resp	108131
Ion Ratio	Lower	Upper	
117	100		
119	94.5	73.7	110.5
201	115.5	88.7	133.1





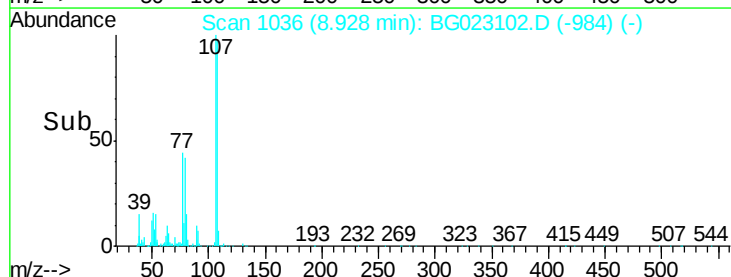
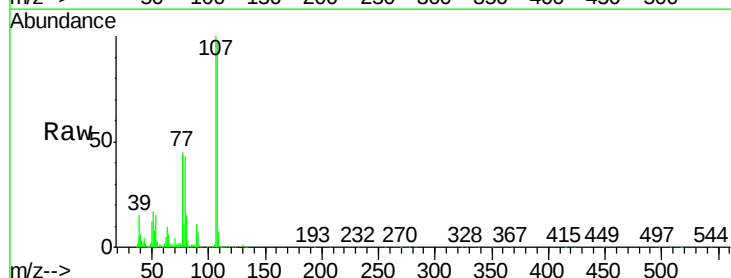
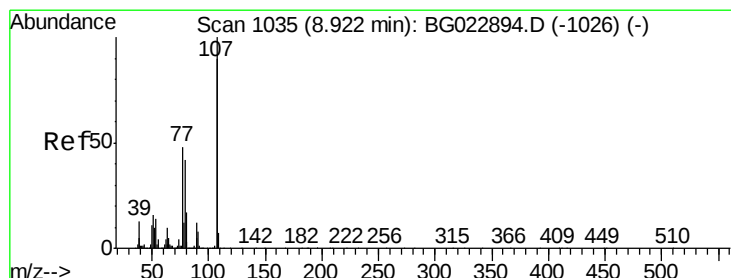
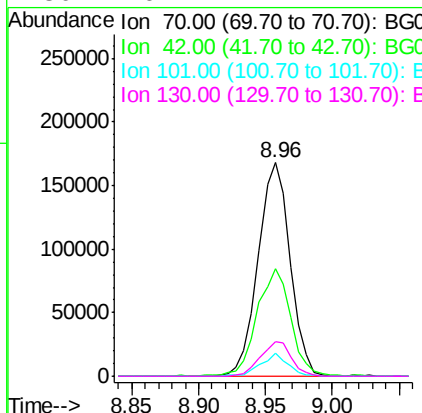
#19
n-Nitroso-di-n-propylamine
Concen: 25.49 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	42.1	63.1	
101	10.8	7.2	10.8	
130	16.2	14.2	21.2	

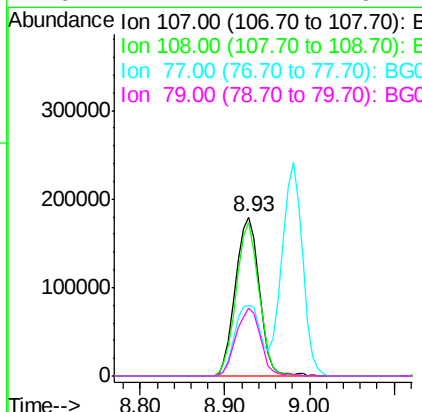
Manual Integrations

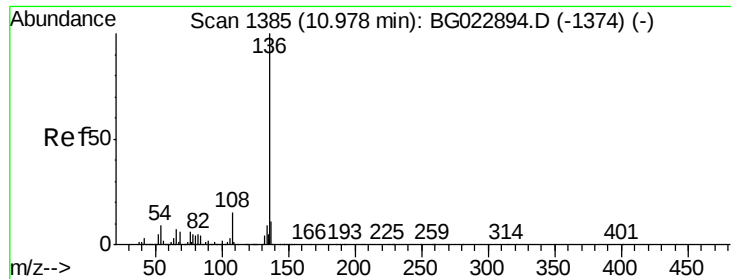
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#20
3+4-Methylphenols
Concen: 30.87 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.7	72.5	112.5	
77	44.6	30.1	70.1	
79	42.7	24.2	64.2	





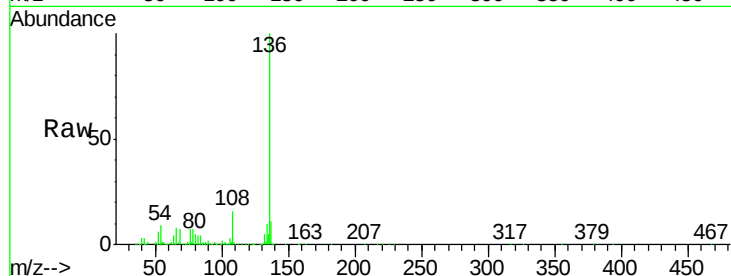
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

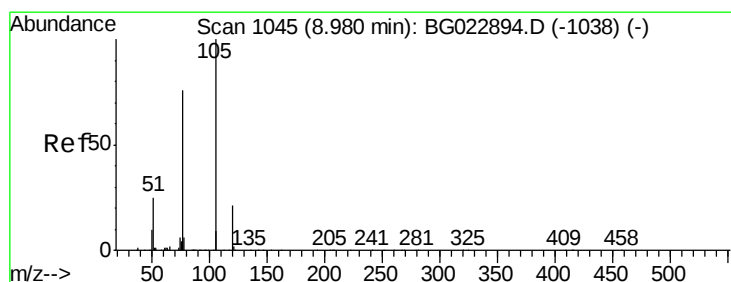
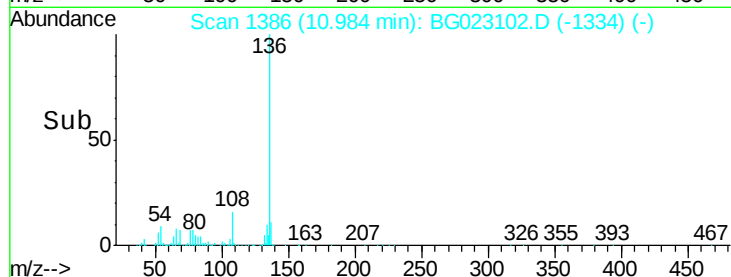
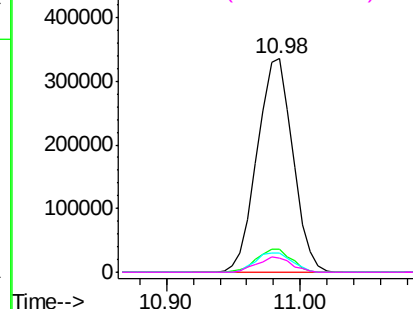
Tot Ion	Ratio	Resp	Lower	Upper
136	100	619296		
137	11.1		9.6	14.4
54	9.2		7.3	10.9
68	6.7		5.3	7.9

Manual Integrations

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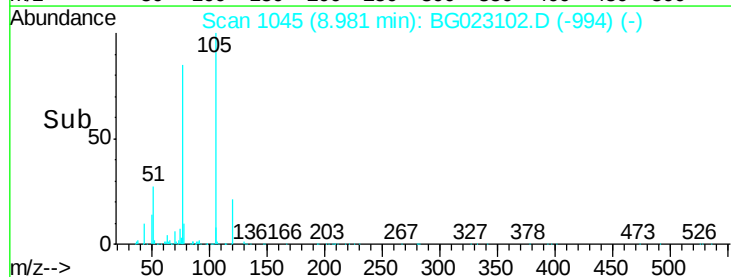
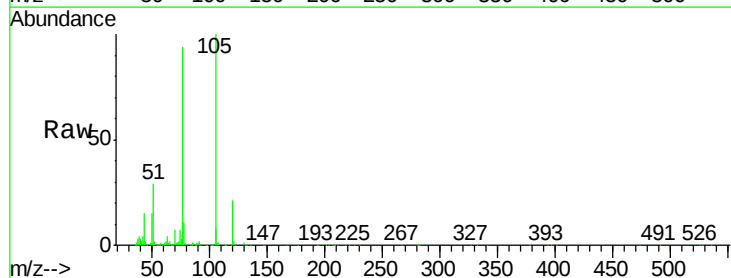
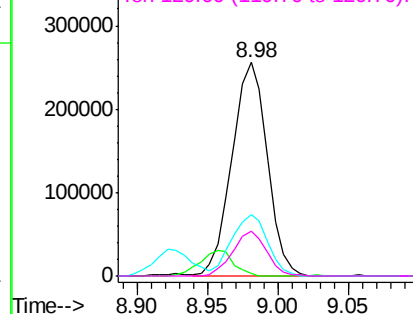
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

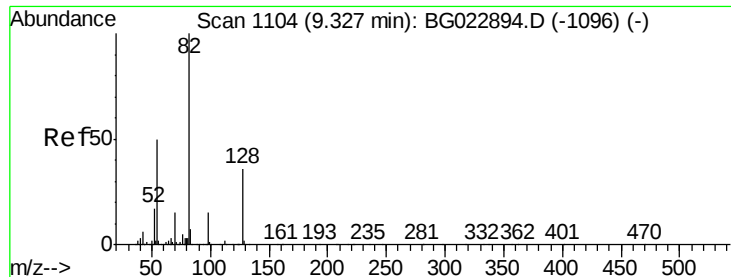


#22
Acetophenone
Concen: 23.97 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	445425		
71	1.0		2.6	3.8#
51	29.0		27.1	40.7
120	21.1		15.1	22.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.42 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion: 82 Resp: 1235372

Ion Ratio Lower Upper

82 100

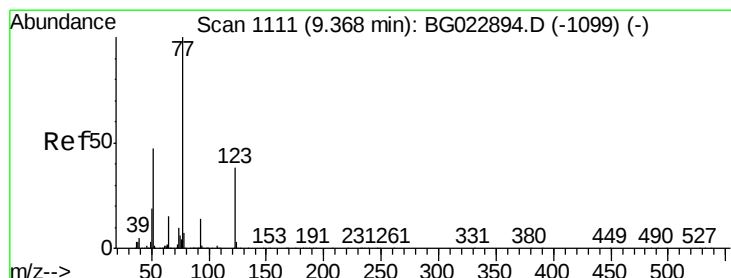
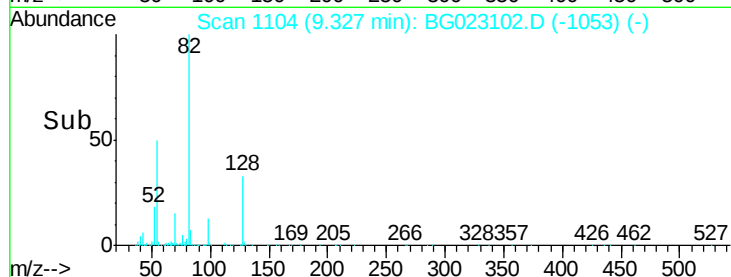
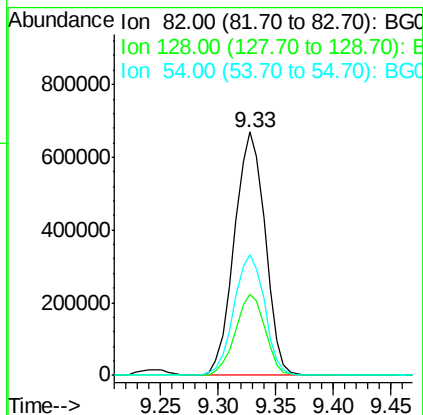
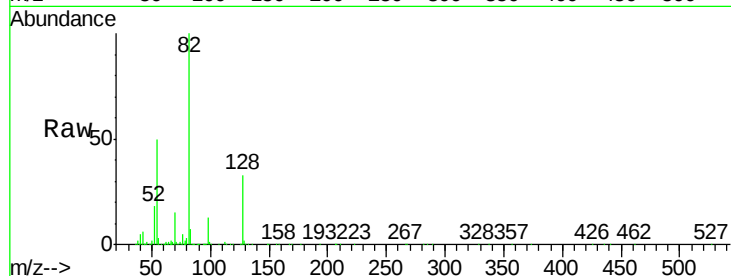
128 33.1 24.4 36.6

54 49.7 41.4 62.0

Manual Integrations

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#24

Nitrobenzene

Concen: 27.32 ng

RT: 9.37 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

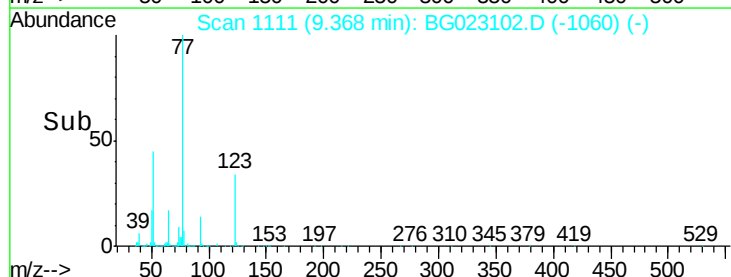
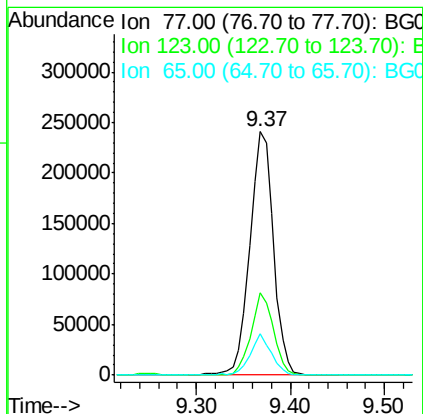
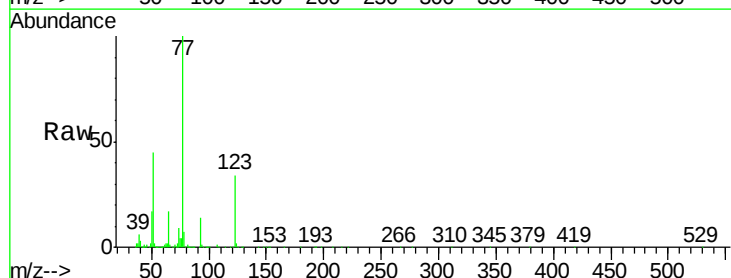
Tgt Ion: 77 Resp: 419825

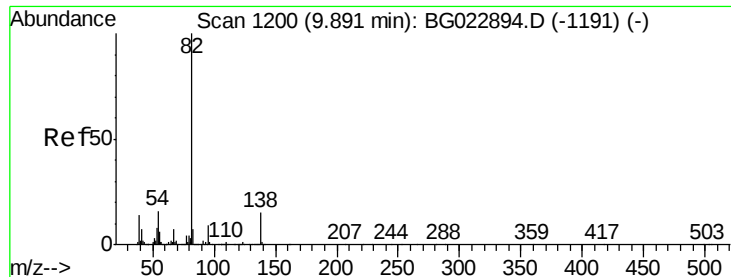
Ion Ratio Lower Upper

77 100

123 33.7 25.0 37.6

65 17.2 13.4 20.0





#25

Isophorone

Concen: 26.29 ng

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

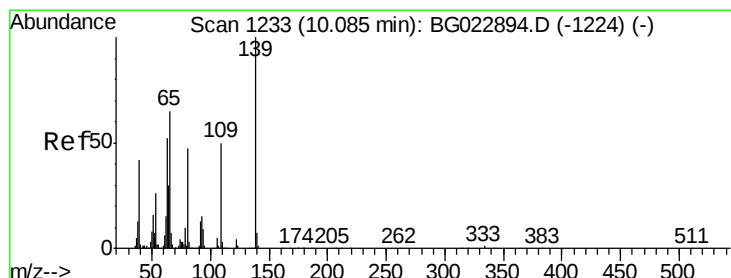
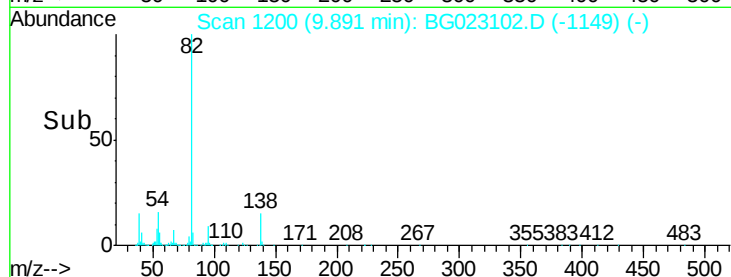
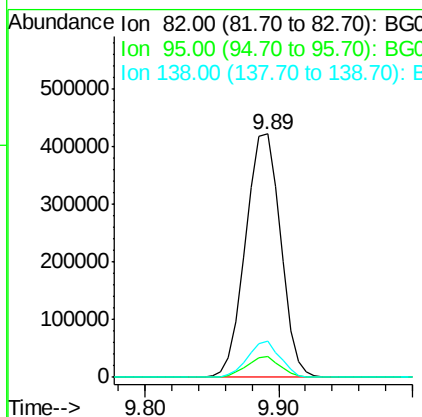
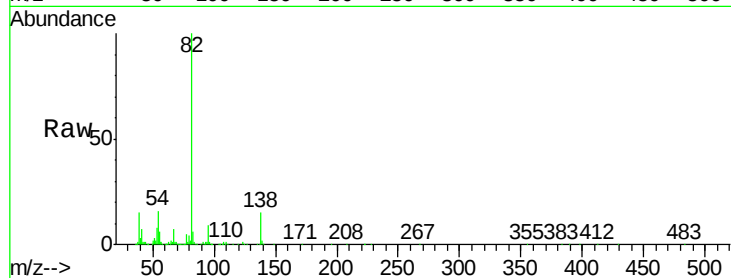
LSS-MW-SB22(20)MS

Tot Ion:	82	Resp:	764664
Ion Ratio	Lower	Upper	
82	100		
95	8.6	8.2	12.2
138	14.9	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 26.91 ng

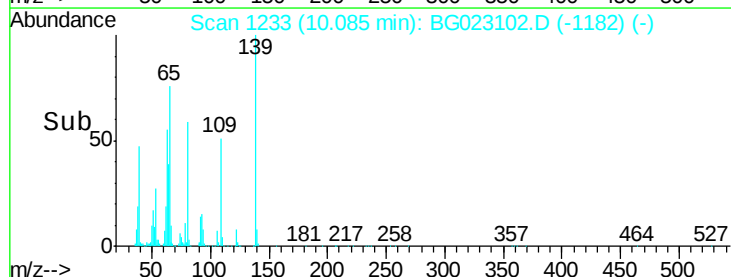
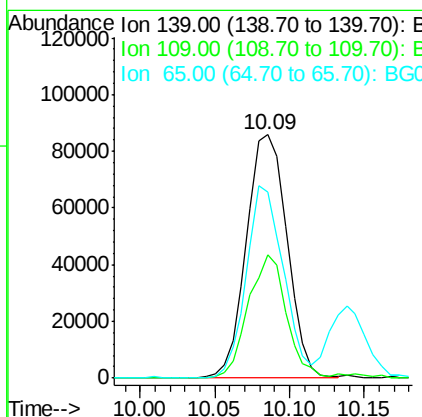
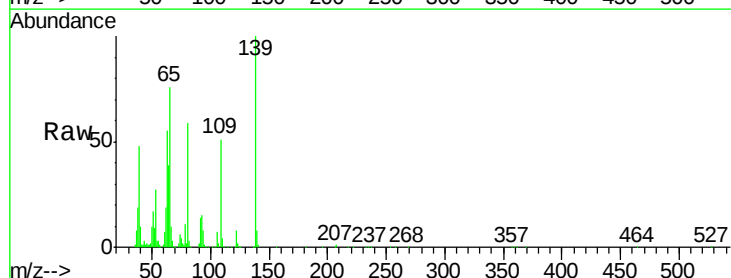
RT: 10.09 min Scan# 1233

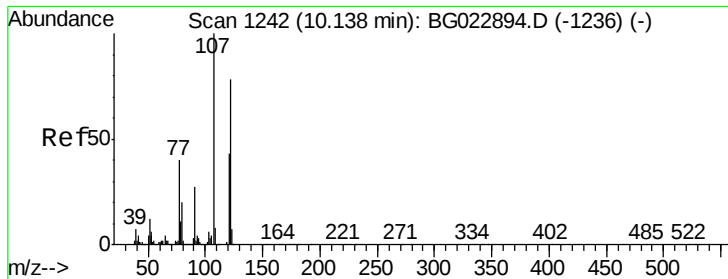
Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tgt Ion:	139	Resp:	162278
Ion Ratio	Lower	Upper	
139	100		
109	50.8	43.5	65.3
65	76.2	64.3	96.5





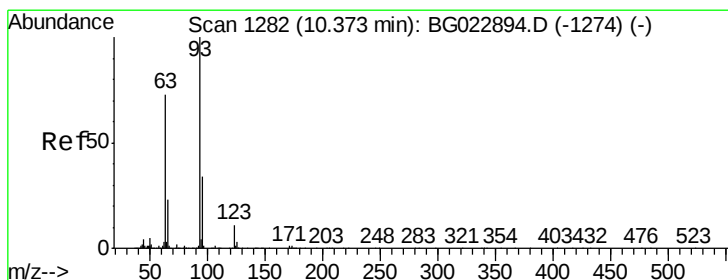
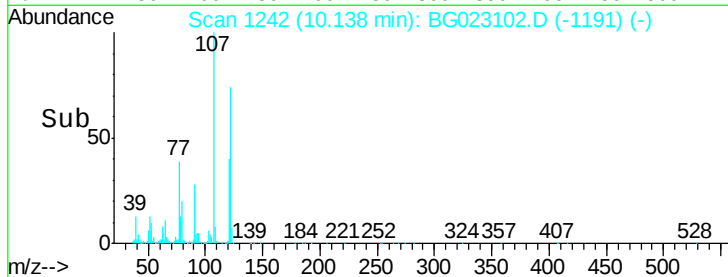
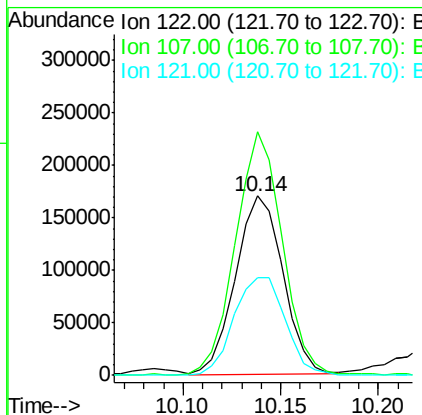
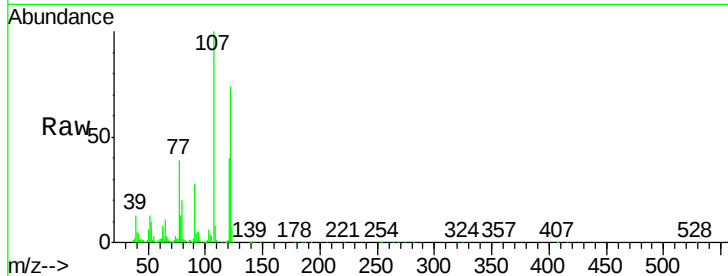
#27
 2,4-Dimethylphenol
 Concen: 27.64 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.6	117.0	175.4
121	54.8	50.1	75.1

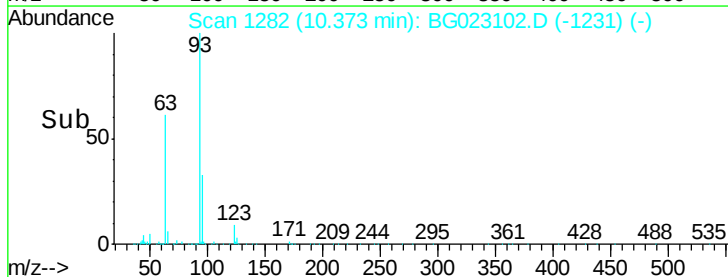
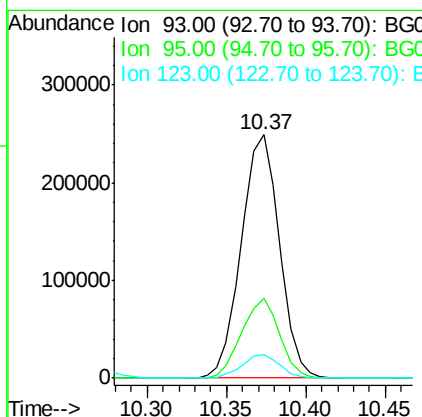
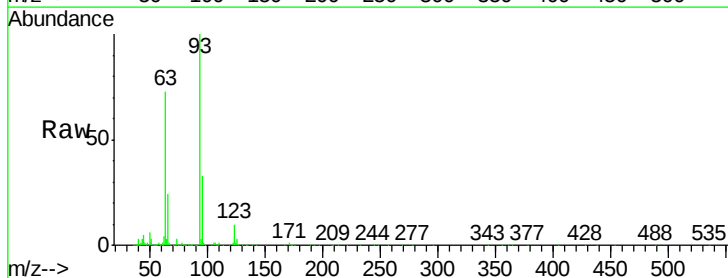
Manual Integrations

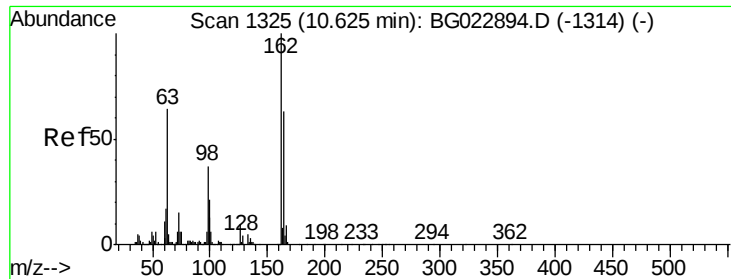
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#28
 bis(2-Chloroethoxy)methane
 Concen: 25.70 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.2
123	9.6	8.2	12.2





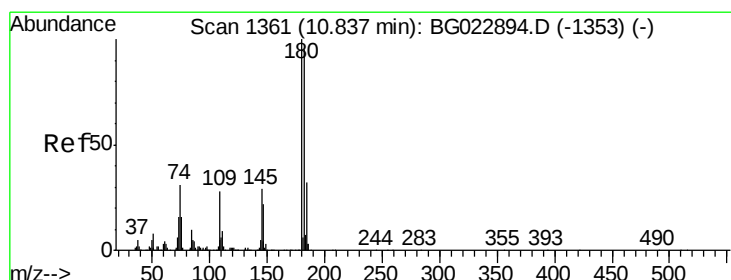
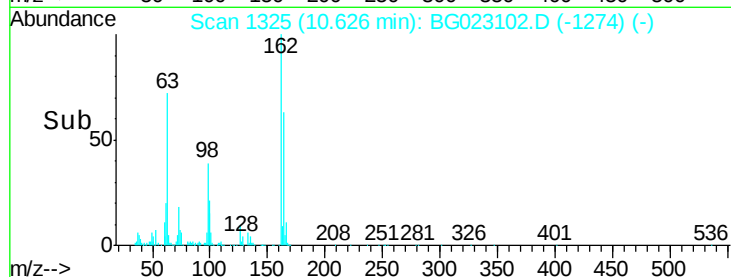
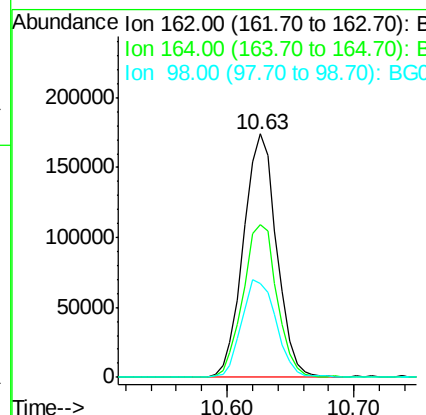
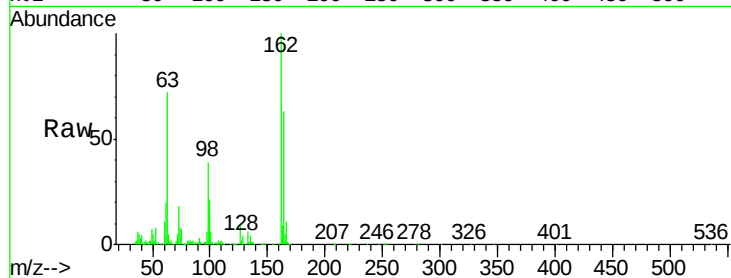
#29
2,4-Dichlorophenol
Concen: 28.52 ng
RT: 10.63 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.3	84.3
98	38.7	19.5	59.5

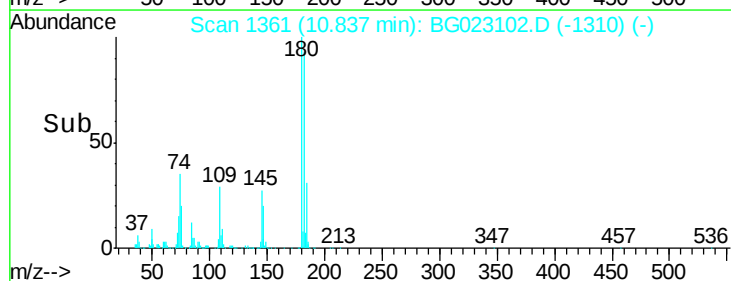
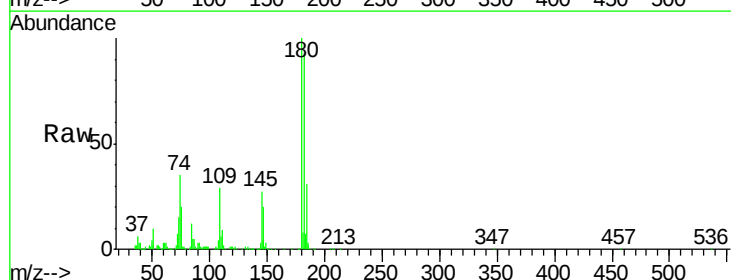
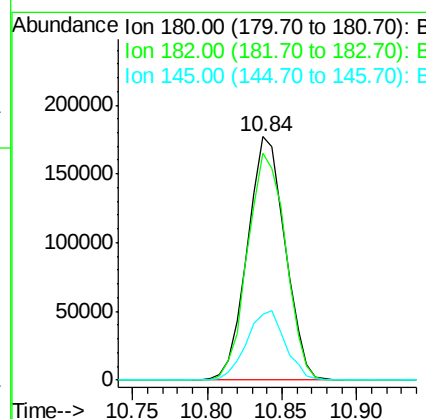
Manual Integrations

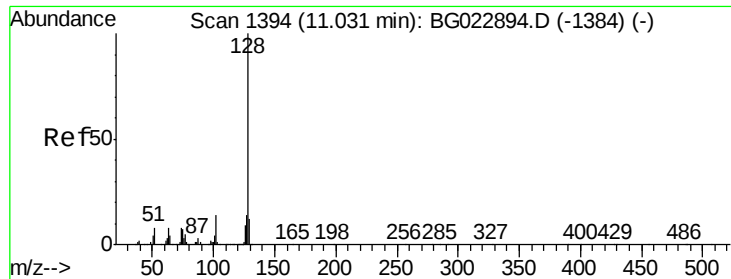
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#30
1,2,4-Trichlorobenzene
Concen: 24.19 ng
RT: 10.84 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.8	110.8
145	26.7	24.4	36.6





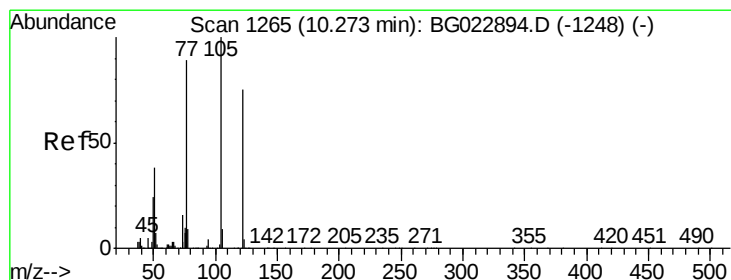
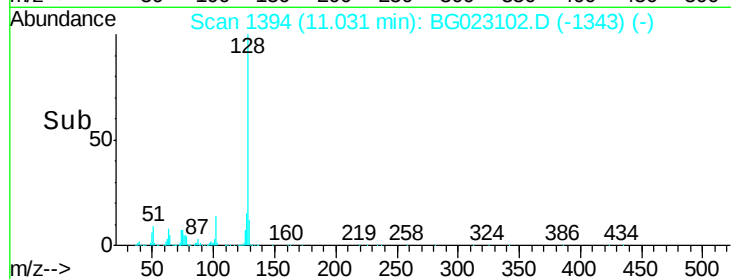
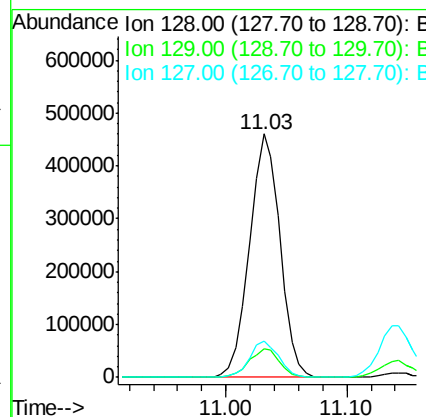
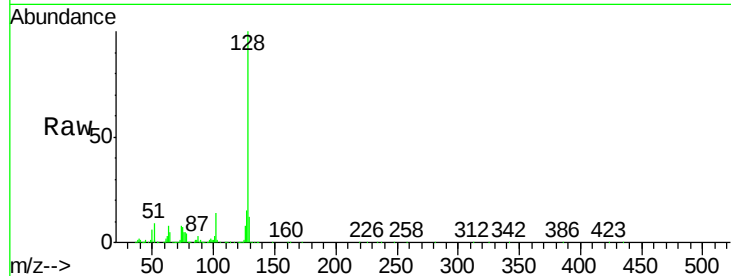
#31
Naphthalene
Concen: 25.72 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.8	11.3	16.9

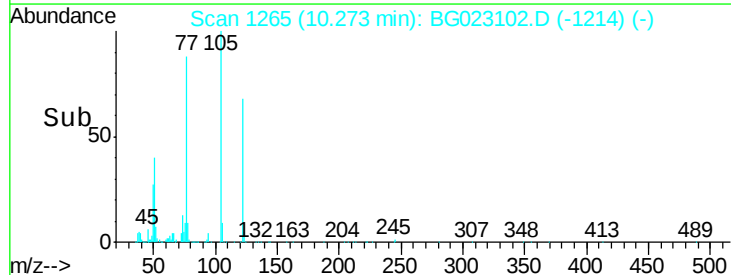
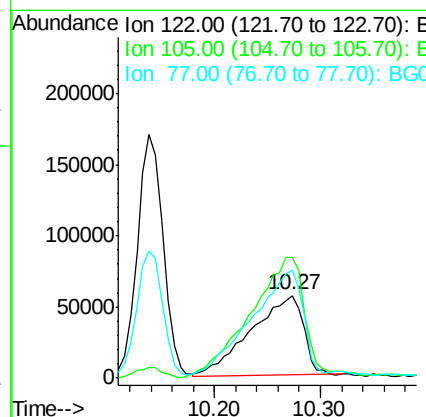
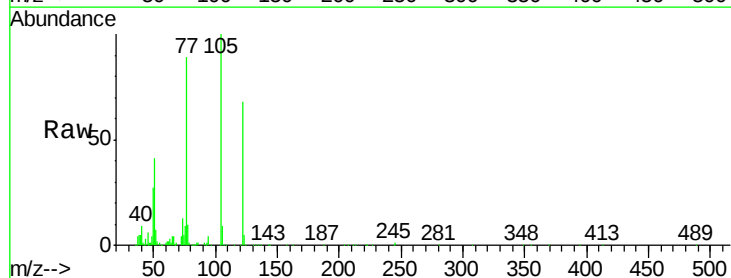
Manual Integrations

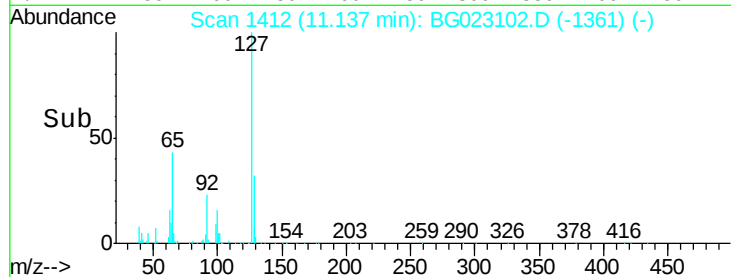
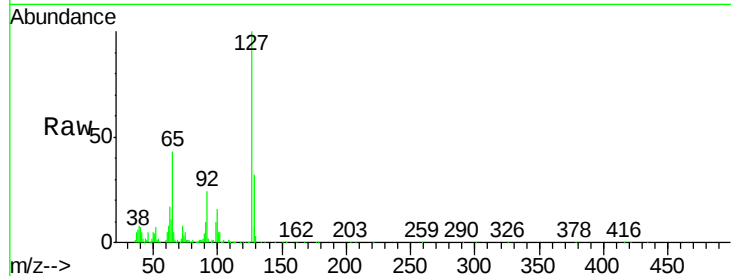
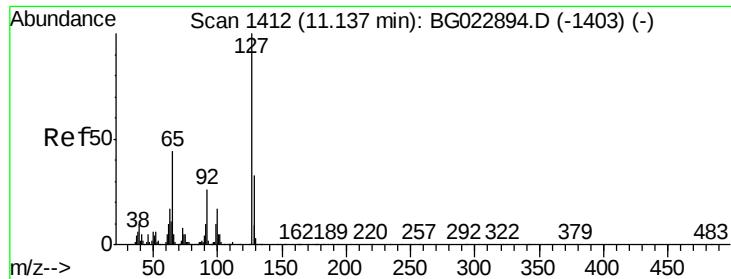
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#32
Benzoic acid
Concen: 20.27 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.6	117.2	157.2
77	130.4	109.2	149.2





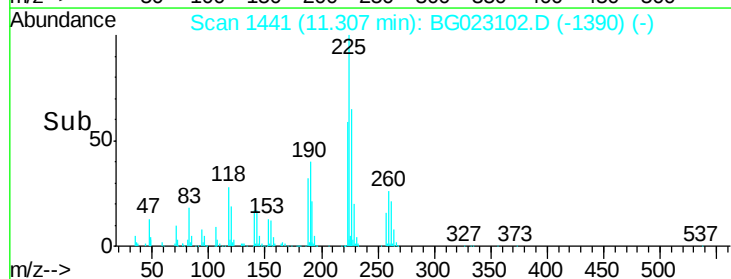
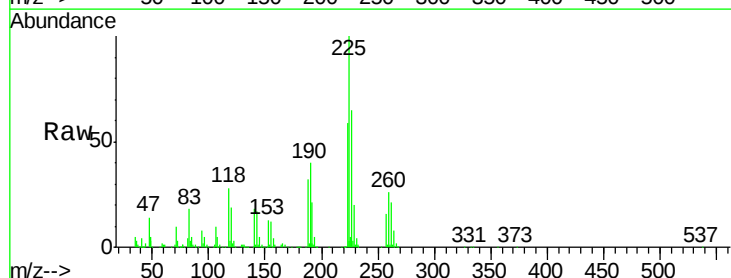
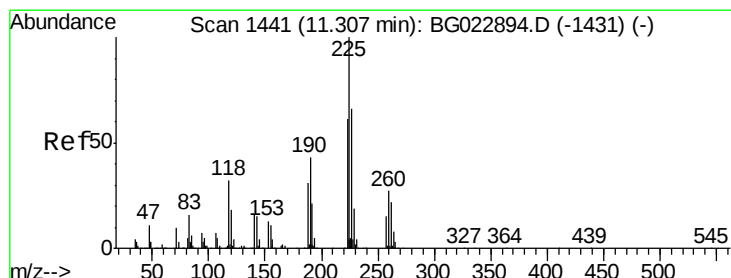
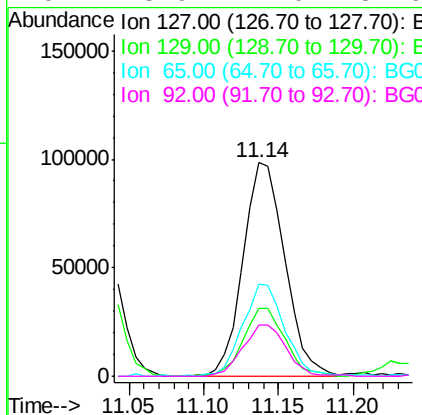
#33
4-Chloroaniline
Concen: 12.41 ng
RT: 11.14 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	27.9	41.9		
65	43.3	36.8	55.2		
92	23.9	21.0	31.6		

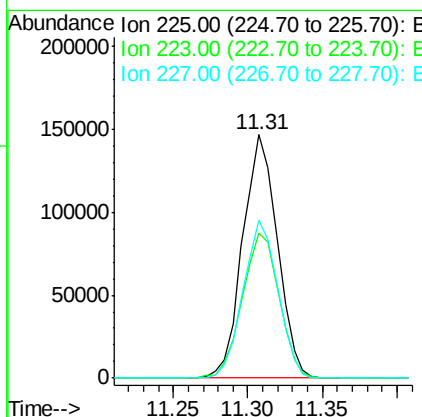
Manual Integrations

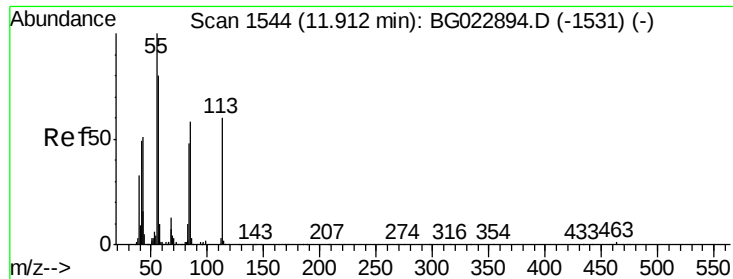
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#34
Hexachlorobutadiene
Concen: 22.86 ng
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.3	49.6	74.4		
227	64.6	54.5	81.7		





#35

Caprolactam

Concen: 26.18 ng/ml

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion:113 Resp: 119738

Ion Ratio Lower Upper

113 100

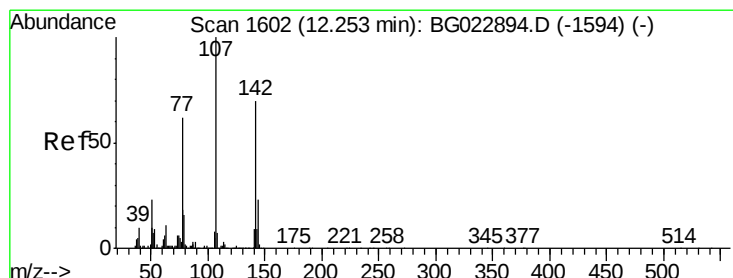
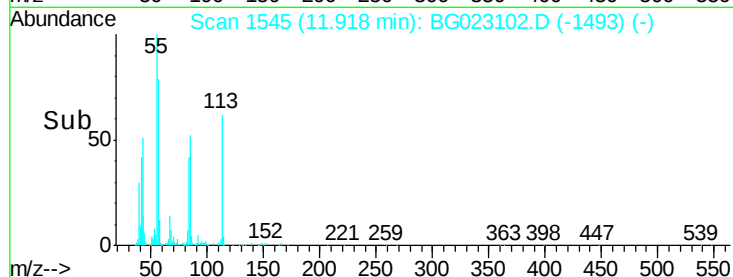
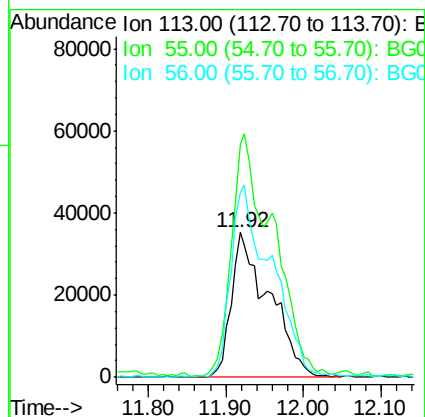
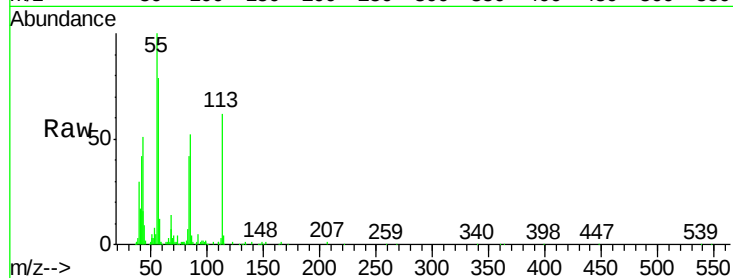
55 161.5 154.5 194.5

56 128.0 125.1 165.1

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 27.20 ng/ml

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

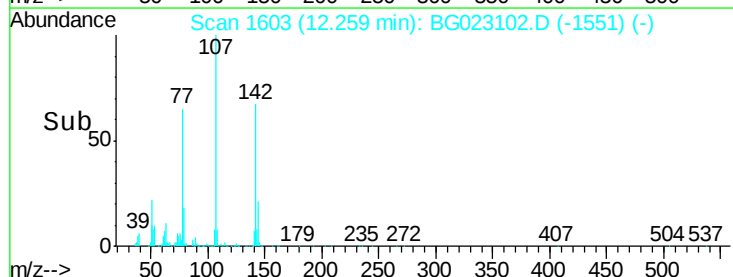
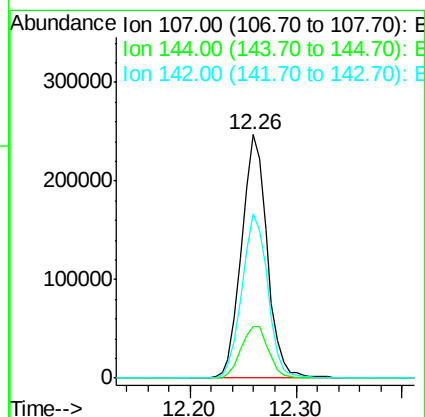
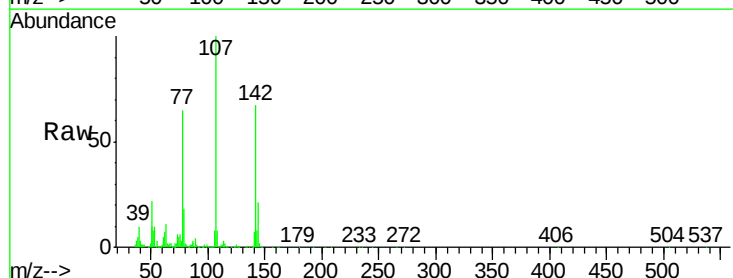
Tgt Ion:107 Resp: 413534

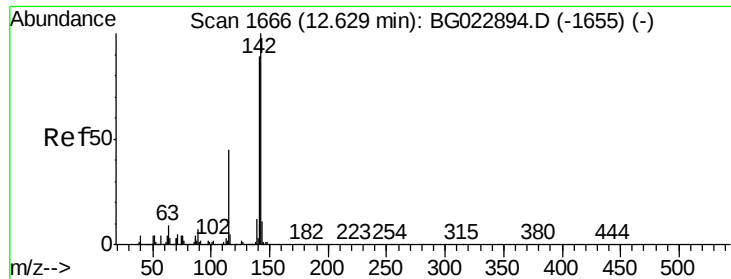
Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

142 67.3 53.0 79.6





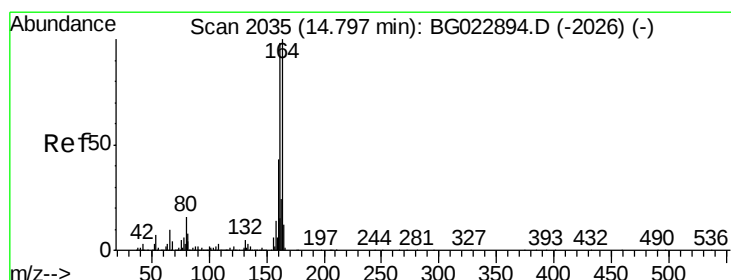
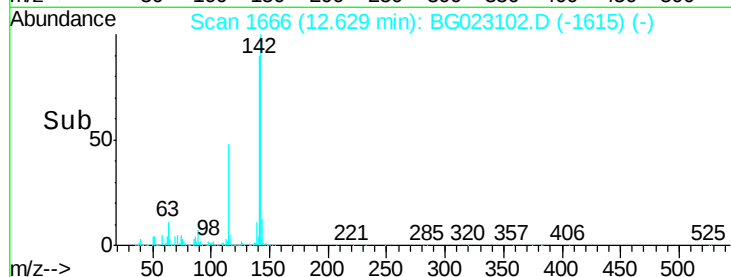
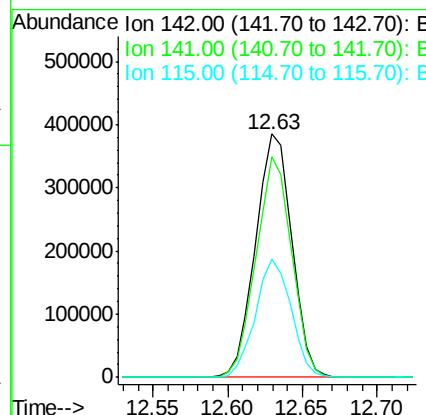
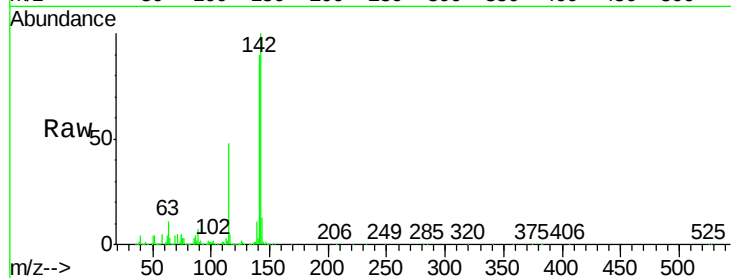
#37
2-Methylnaphthalene
Concen: 25.97 ng
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.2	105.2
115	48.3	41.7	62.5

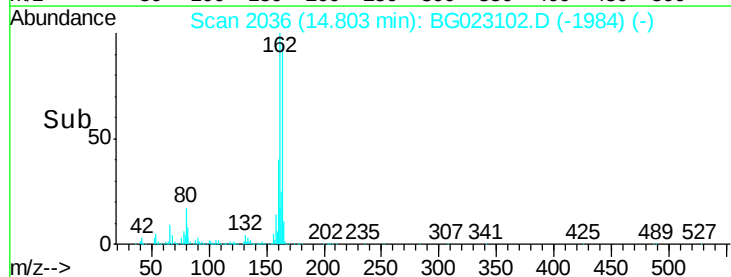
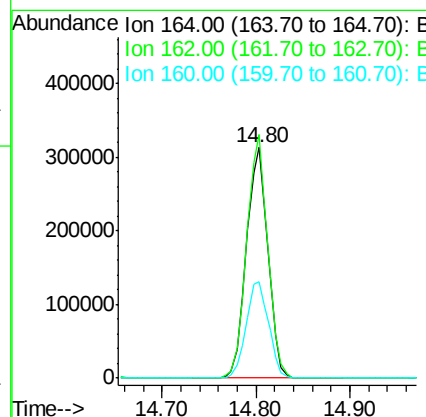
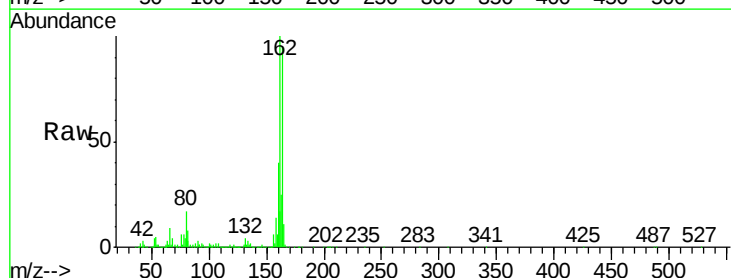
Manual Integrations

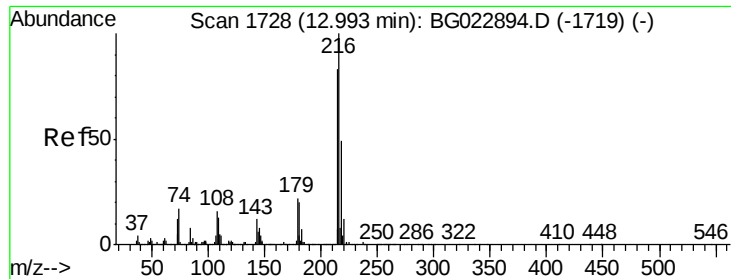
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.7	131.5
160	42.1	37.2	55.8





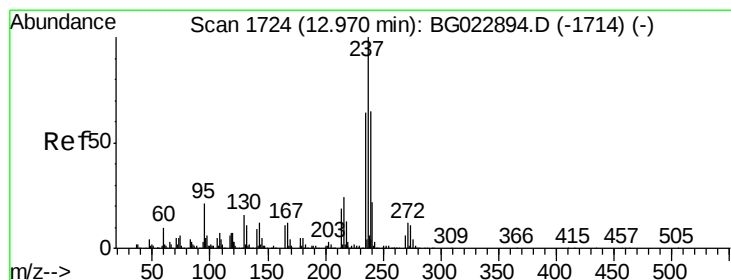
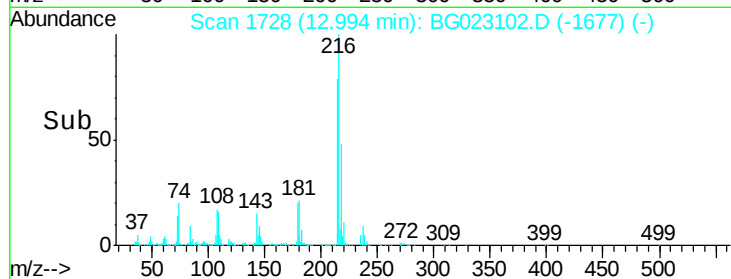
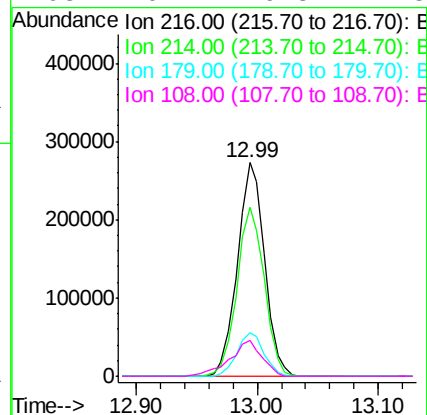
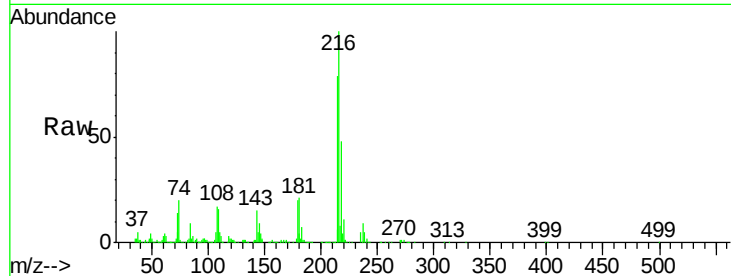
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.07 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		427634		
214	79.2		62.9	94.3	
179	20.4		17.2	25.8	
108	19.7		16.3	24.5	

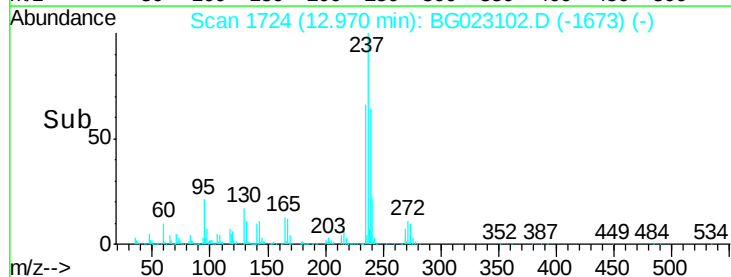
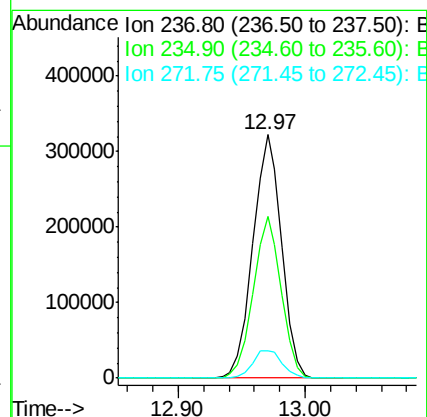
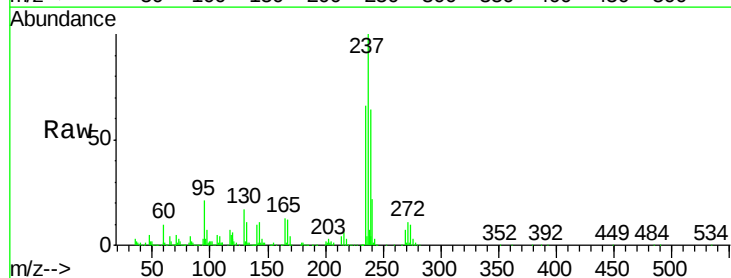
Manual Integrations

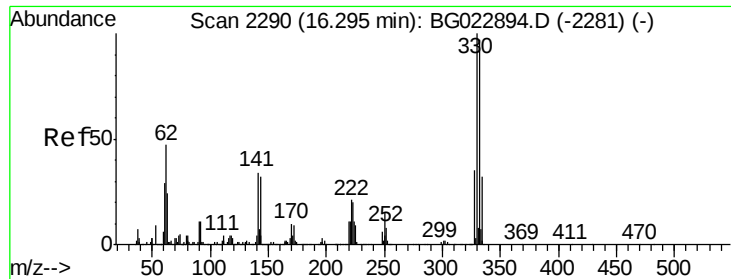
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#40
 Hexachlorocyclopentadiene
 Concen: 41.20 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		505236		
235	66.3		43.1	83.1	
272	11.1		0.0	30.9	





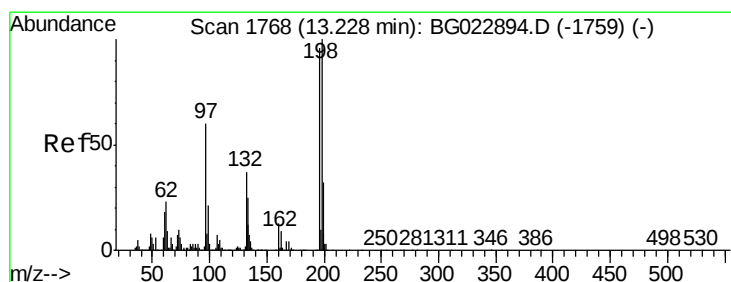
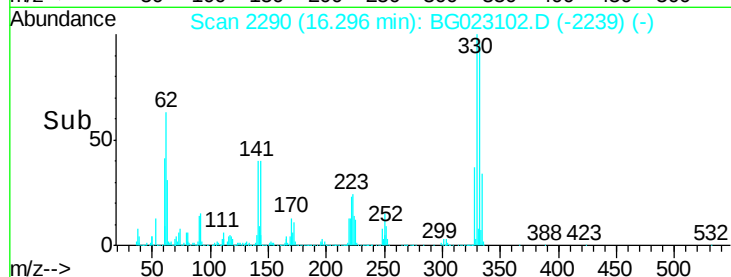
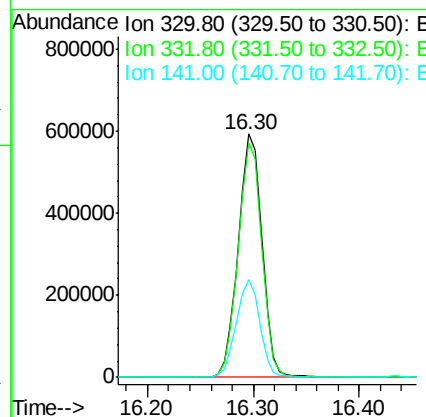
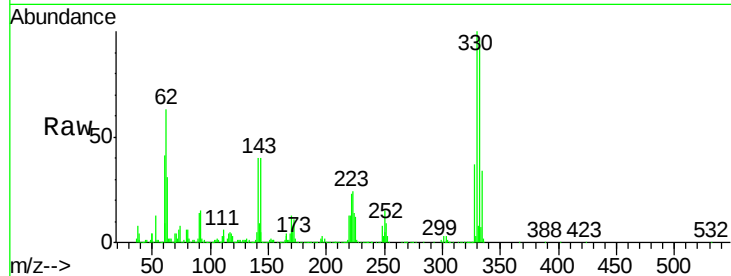
#41
2,4,6-Tribromophenol
Concen: 103.43 ng
RT: 16.30 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	39.7	31.7	47.5

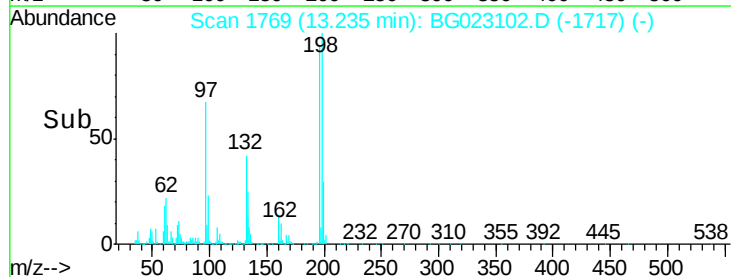
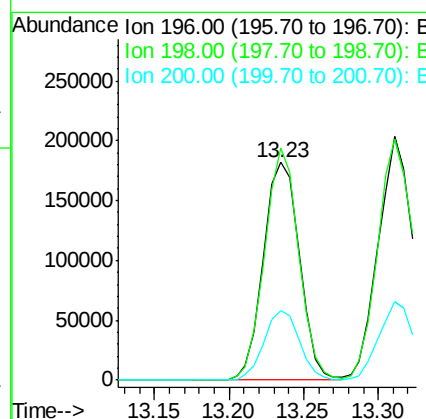
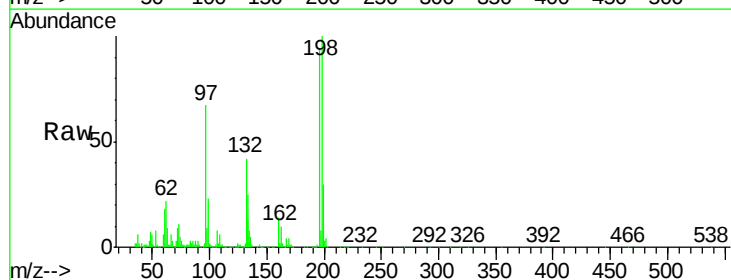
Manual Integrations

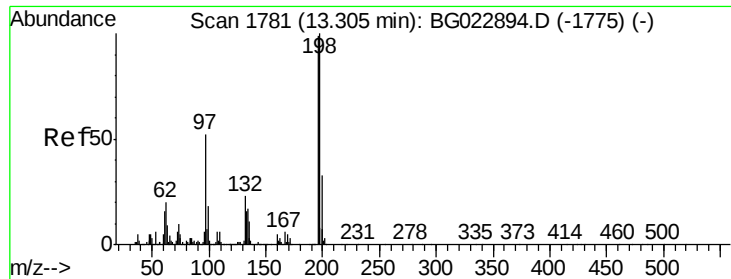
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#42
2,4,6-Trichlorophenol
Concen: 24.93 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

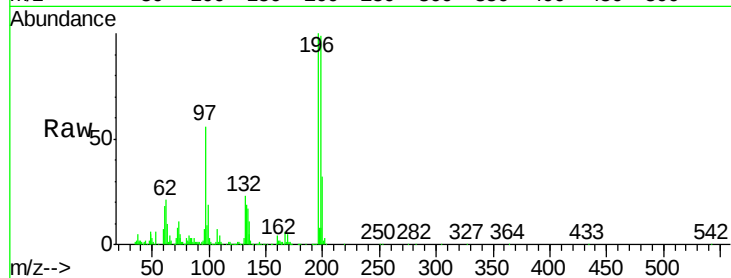
Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.3	78.2	117.2
200	32.1	27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 25.84 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

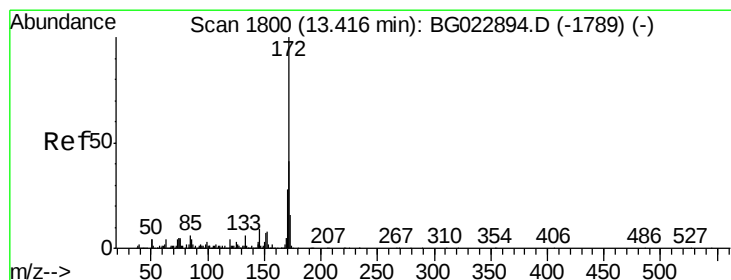
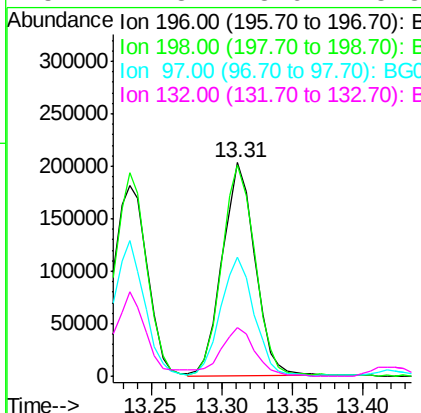
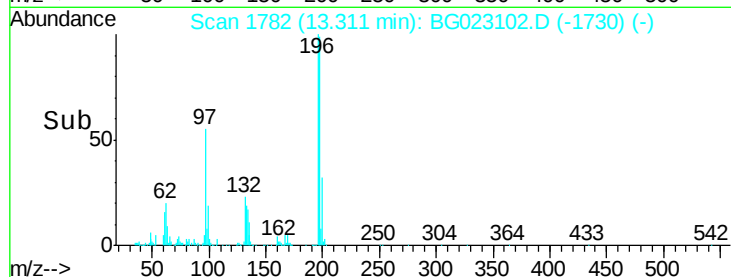
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS



Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	85.7	128.5
97	55.9	45.5	68.3
132	22.8	18.9	28.3

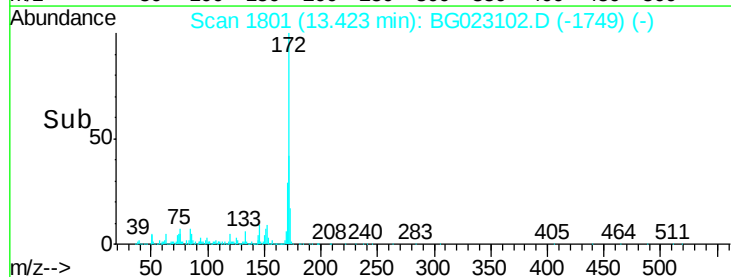
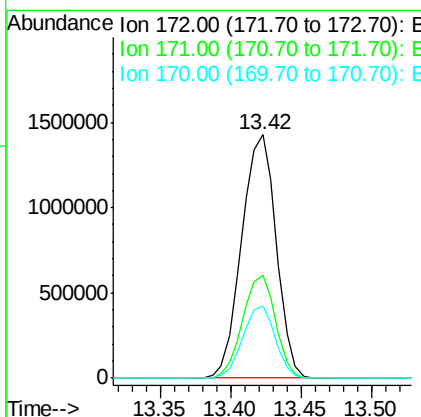
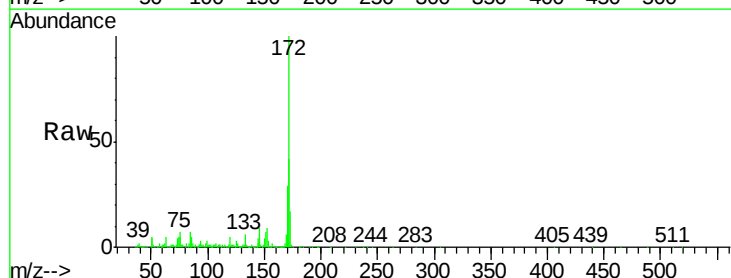
Manual Integrations

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 Sohil
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#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.4	31.6	47.4
170	29.4	21.3	31.9





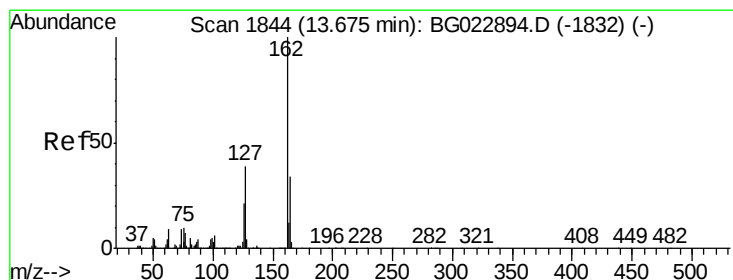
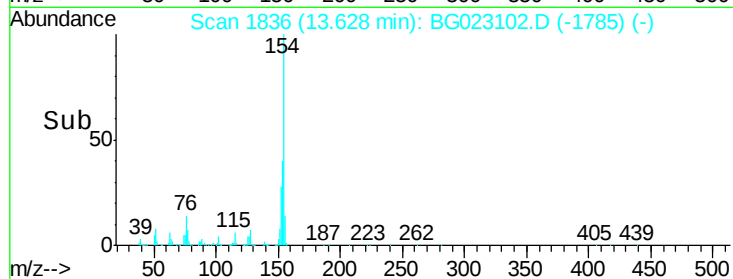
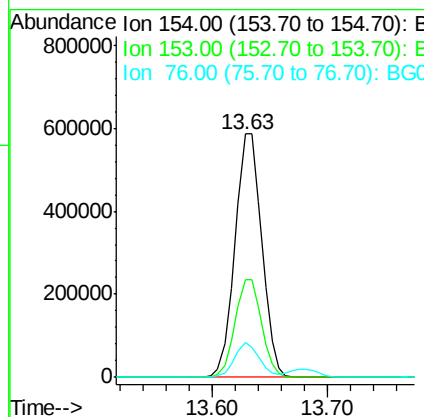
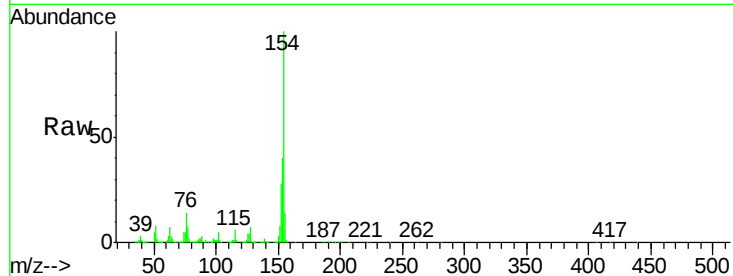
#45
 1,1'-Biphenyl
 Concen: 25.33 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion:	154	Resp:	939699
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.2	60.2
76	14.4	0.0	32.9

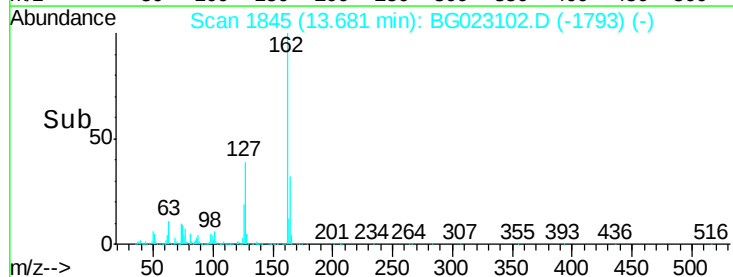
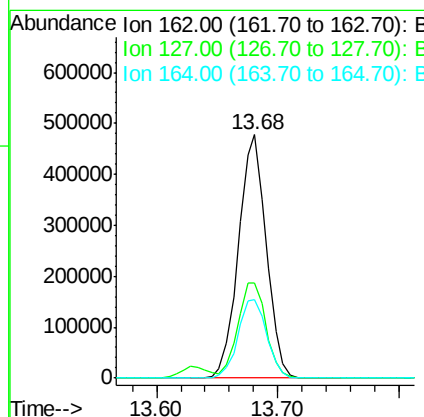
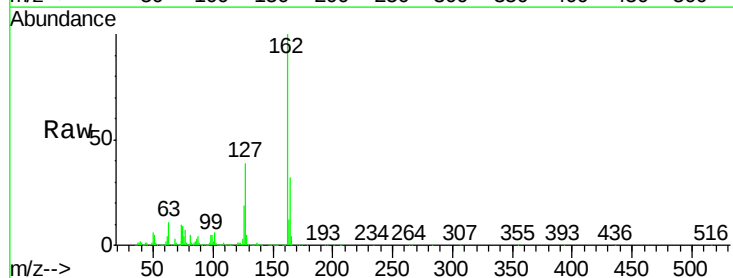
Manual Integrations

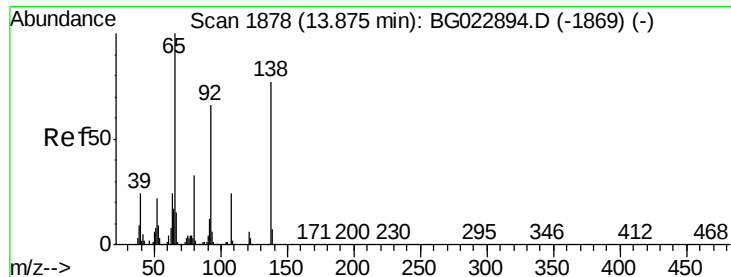
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#46
 2-Chloronaphthalene
 Concen: 25.40 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion:	162	Resp:	764111
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.4	48.6
164	32.3	25.2	37.8





#47

2-Nitroaniline

Concen: 25.85 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion: 65 Resp: 331889

Ion Ratio Lower Upper

65 100

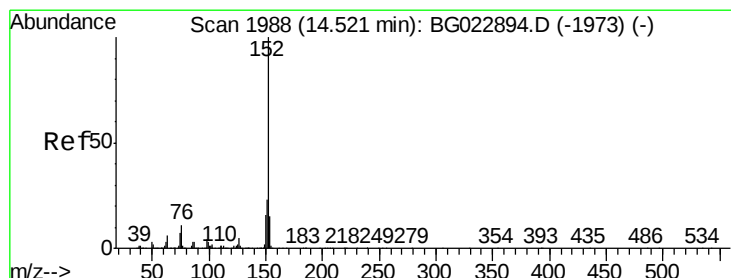
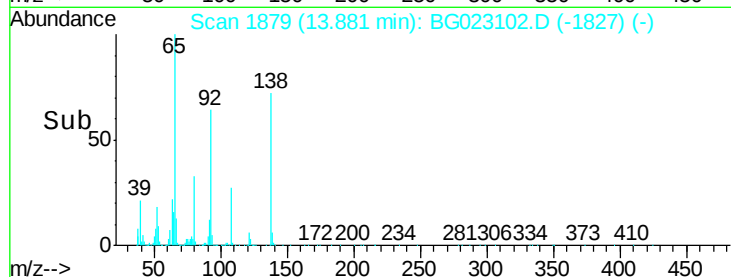
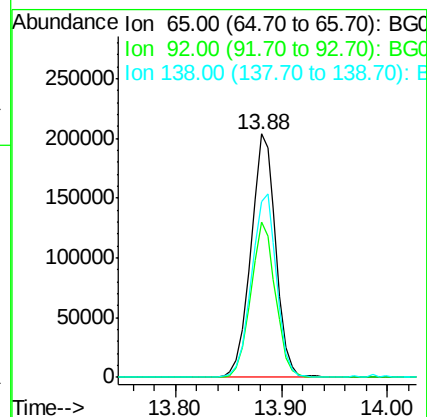
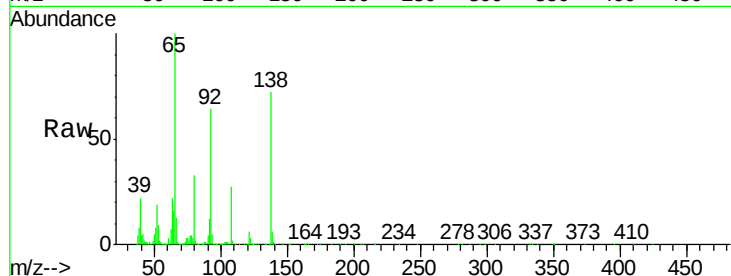
92 63.8 49.4 74.0

138 72.4 58.0 87.0

Manual Integrations

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7/15/2016 9:14:17 AM



#48

Acenaphthylene

Concen: 25.10 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

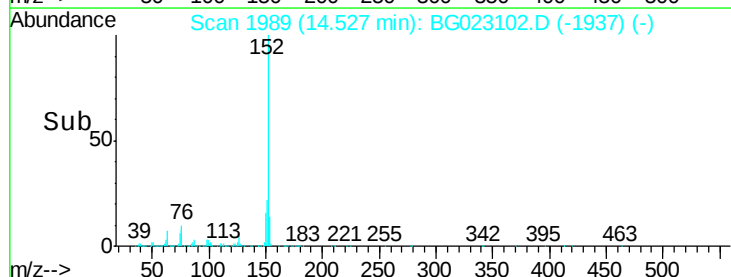
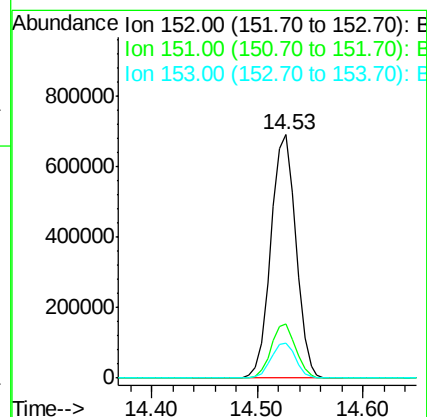
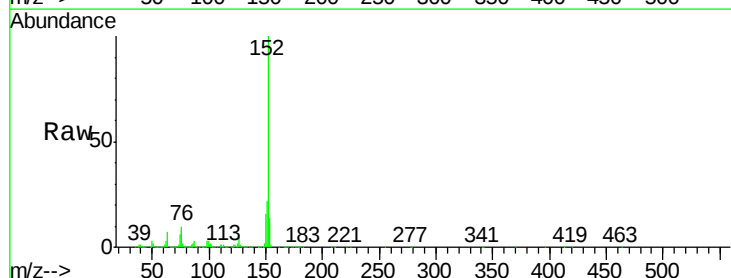
Tgt Ion: 152 Resp: 1132832

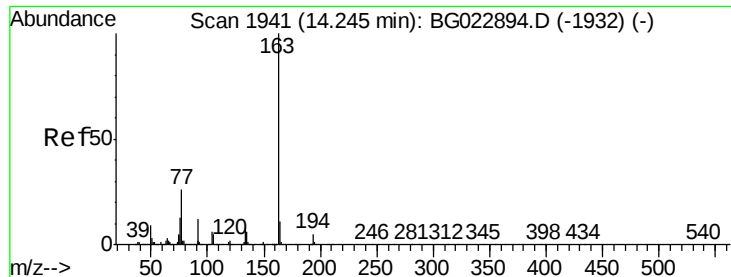
Ion Ratio Lower Upper

152 100

151 22.2 17.6 26.4

153 14.2 11.4 17.2





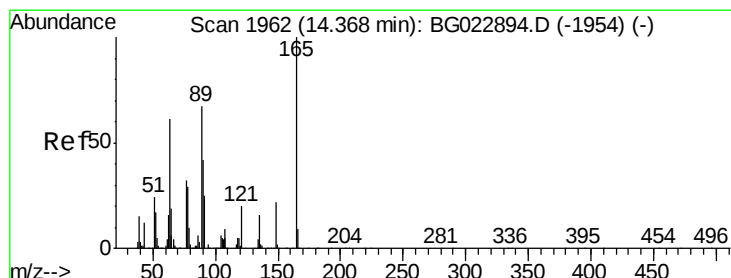
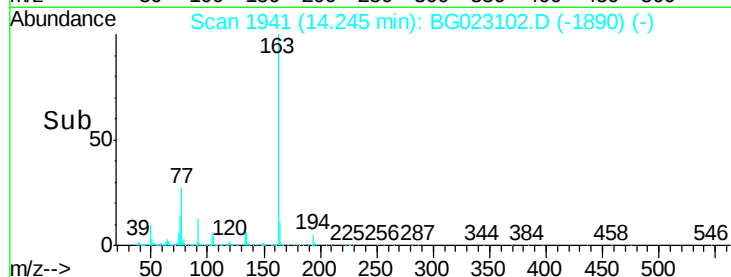
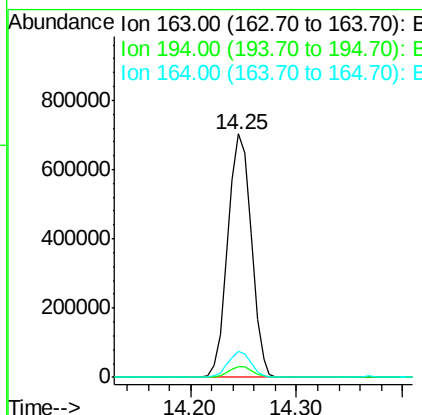
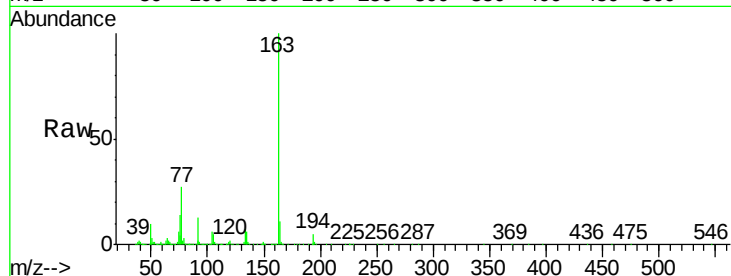
#49
Dimethylphthalate
Concen: 26.70 ng
RT: 14.25 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion:163 Resp: 1078368
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.8 8.1 12.1

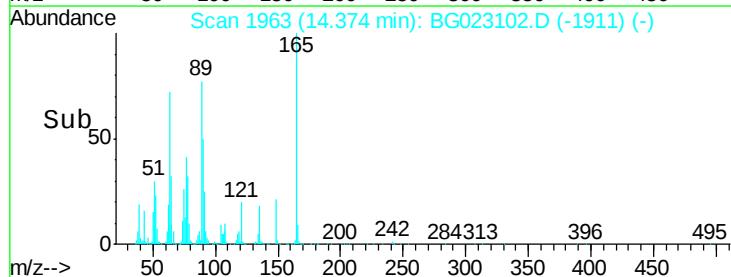
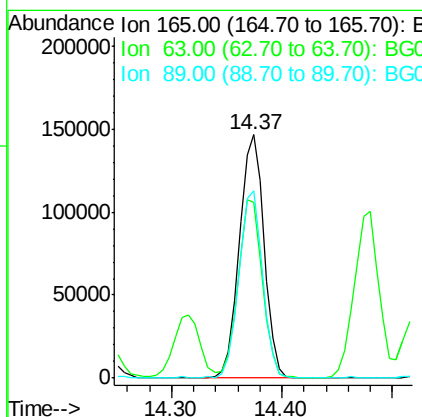
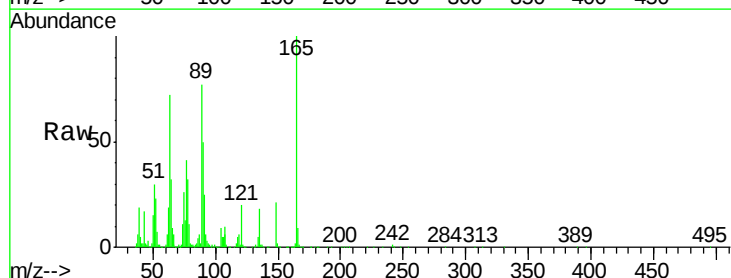
Manual Integrations

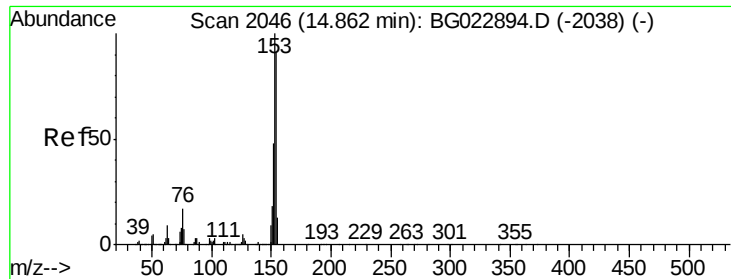
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#50
2,6-Dinitrotoluene
Concen: 25.40 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion:165 Resp: 230530
Ion Ratio Lower Upper
165 100
63 72.1 64.3 96.5
89 76.8 64.3 96.5





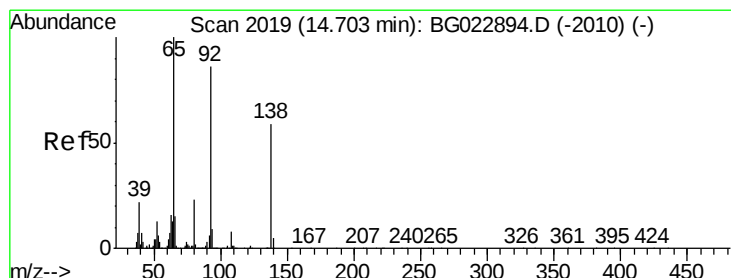
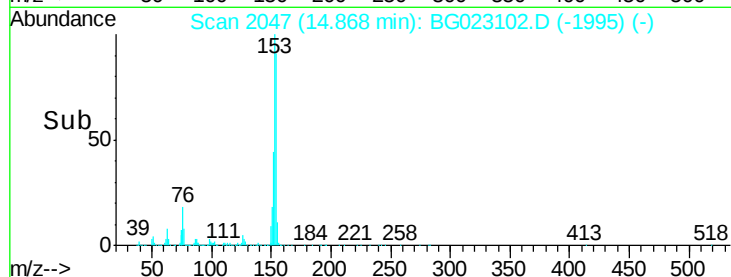
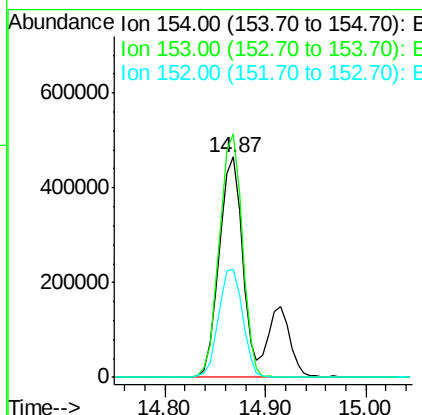
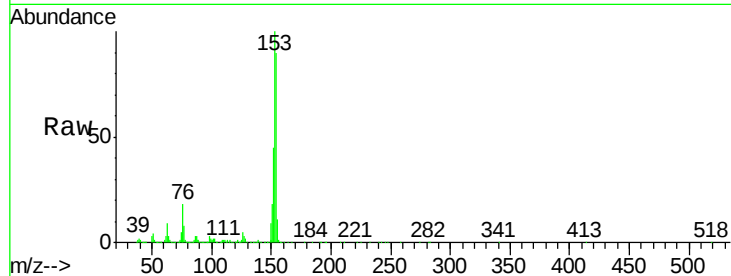
#51
Acenaphthene
Concen: 33.19 ng/ml
RT: 14.87 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.5	131.3
152	49.3	42.7	64.1

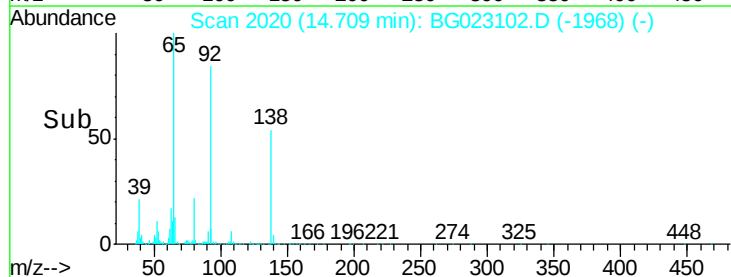
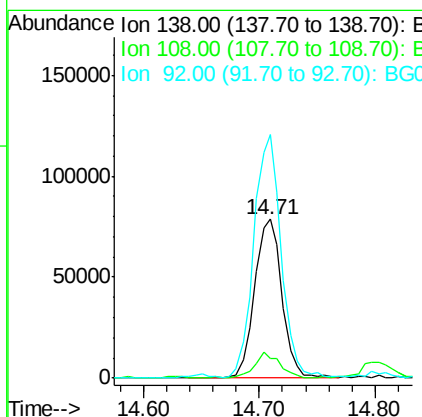
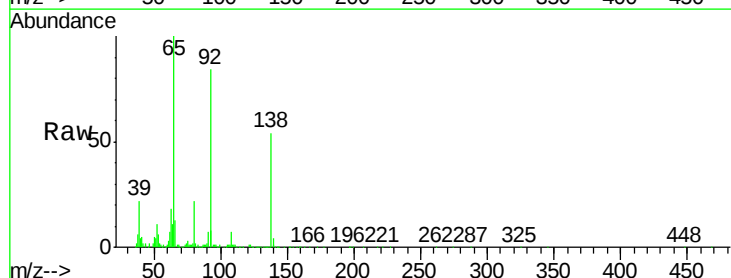
Manual Integrations

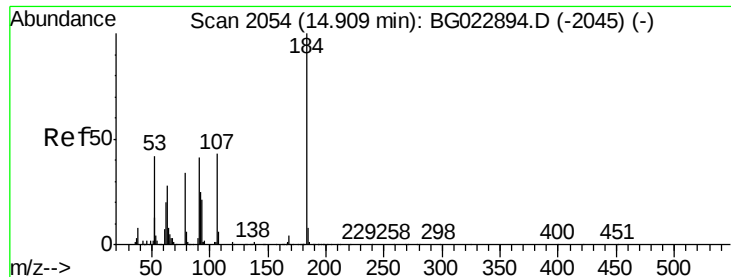
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#52
3-Nitroaniline
Concen: 14.26 ng
RT: 14.71 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.8	11.7	17.5
92	153.6	129.7	194.5





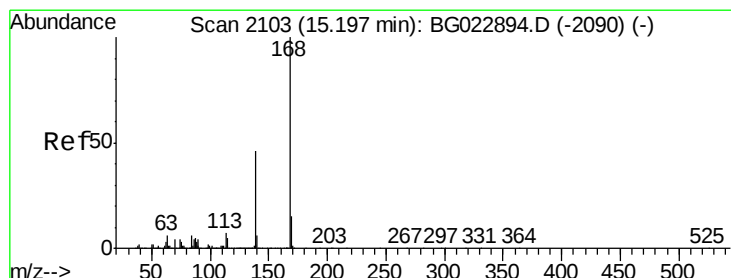
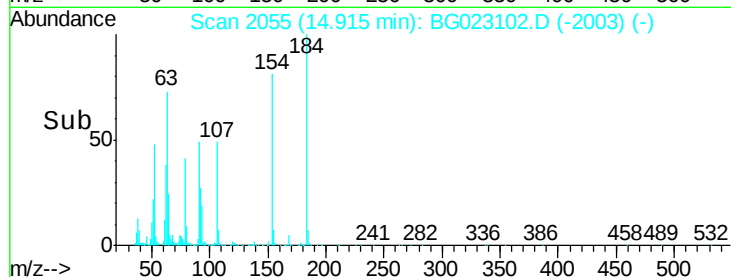
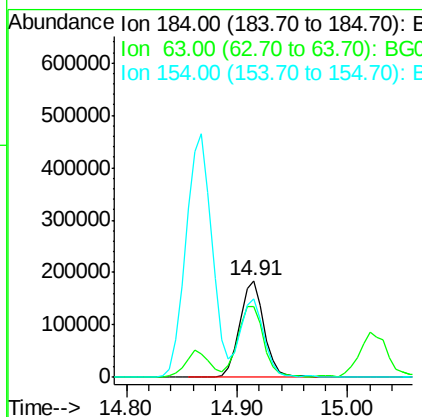
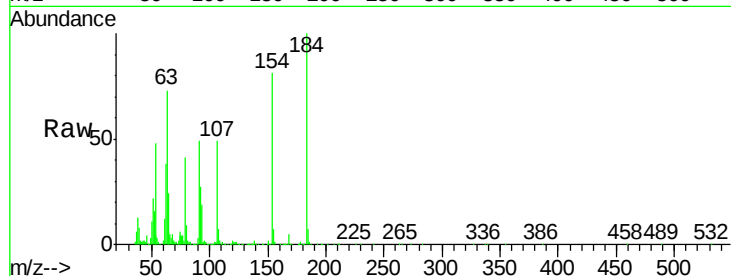
#53
2,4-Dinitrophenol
Concen: 46.17 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	73.2	59.6	89.4	
154	81.1	67.4	101.0	

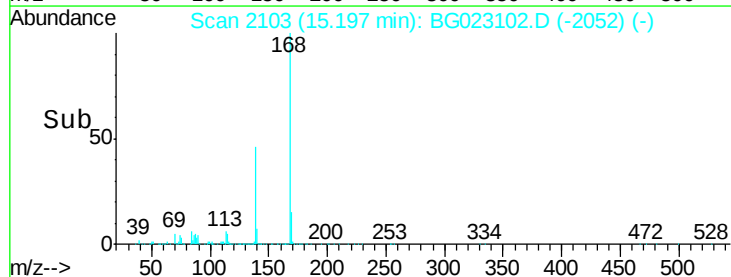
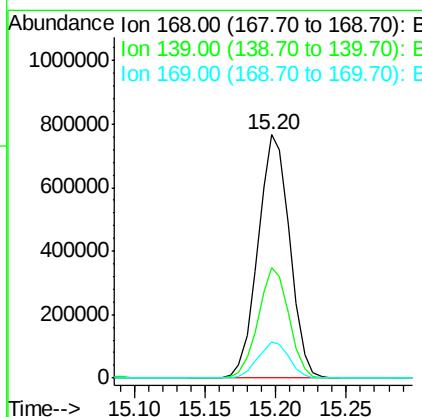
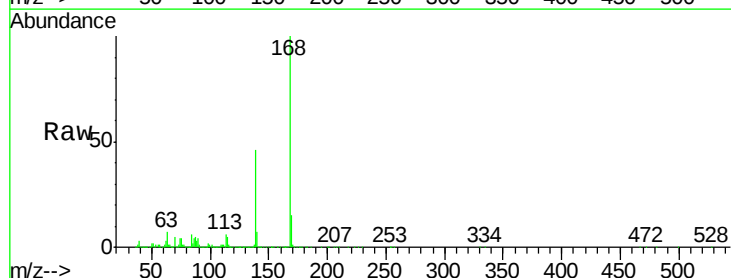
Manual Integrations

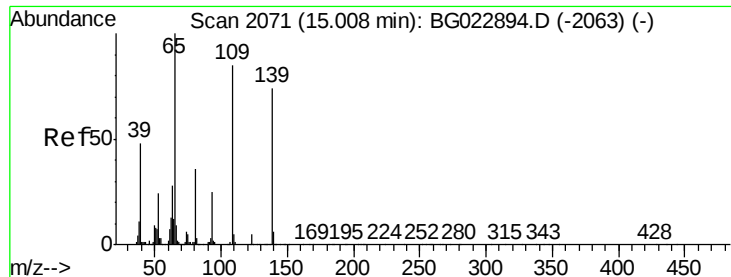
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#54
Dibenzofuran
Concen: 27.40 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	45.6	36.4	54.6	
169	15.0	11.9	17.9	





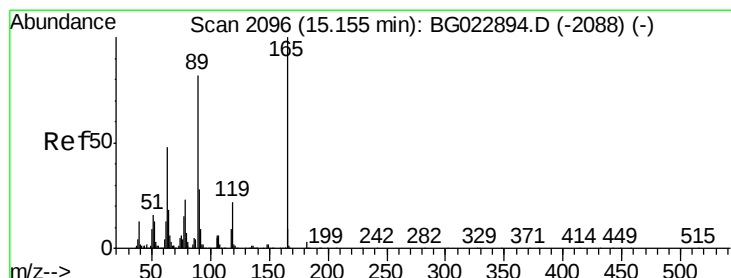
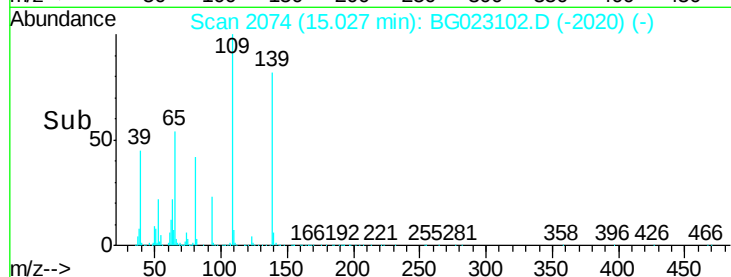
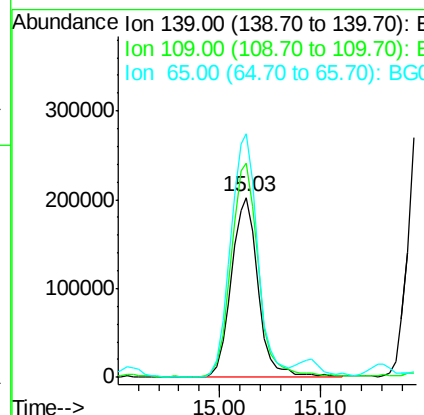
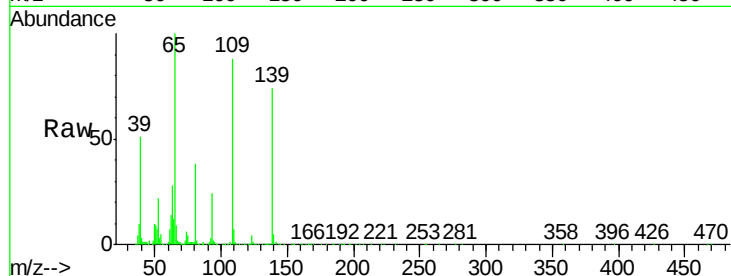
#55
4-Nitrophenol
Concen: 49.06 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	119.2	103.0	143.0
65	135.2	112.7	152.7

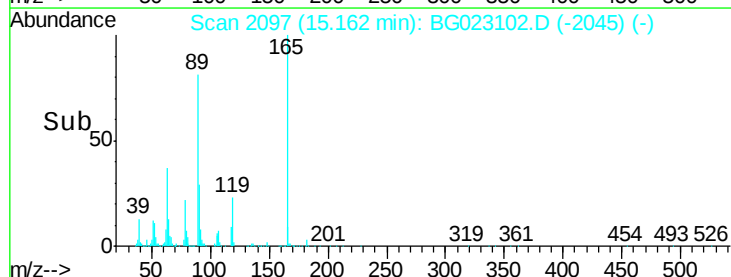
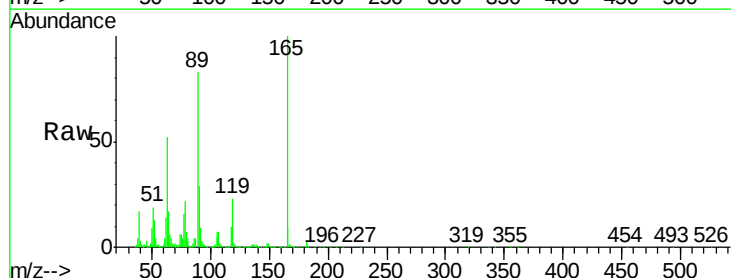
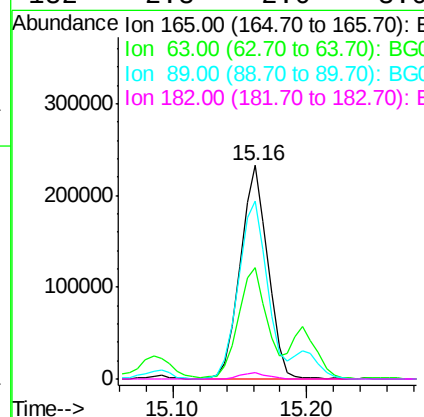
Manual Integrations

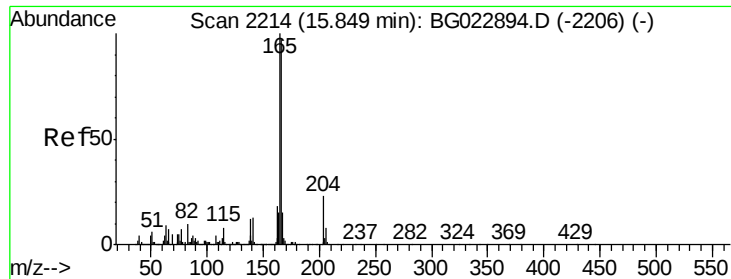
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#56
2,4-Dinitrotoluene
Concen: 25.16 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	45.8	68.6
89	83.5	68.6	102.8
182	2.8	2.0	3.0





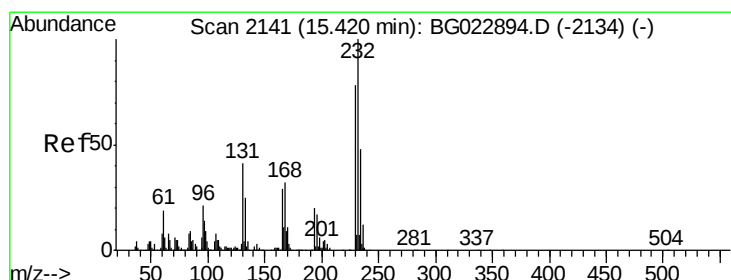
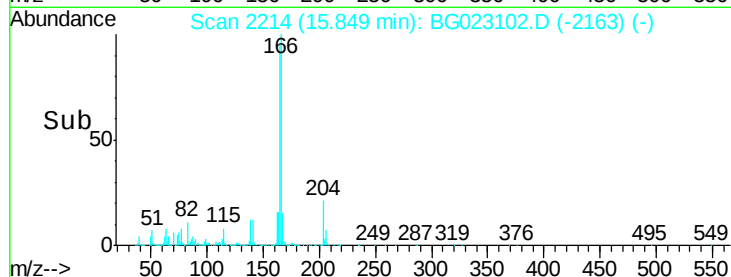
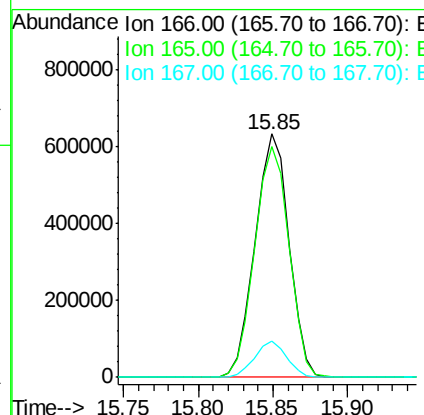
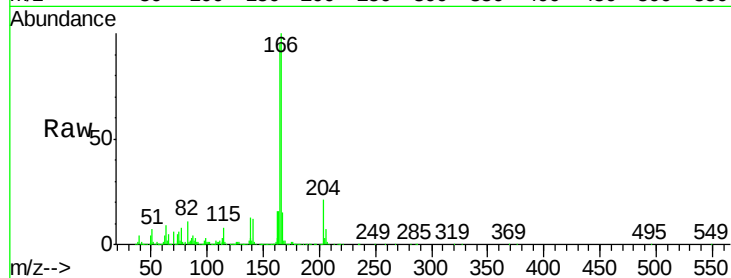
#57
Fluorene
 Concen: 25.99 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.7	81.0	121.6
167	14.9	12.0	18.0

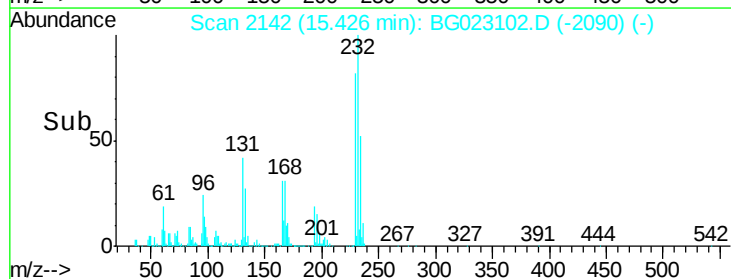
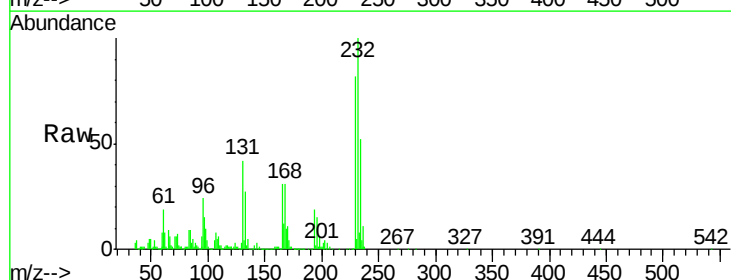
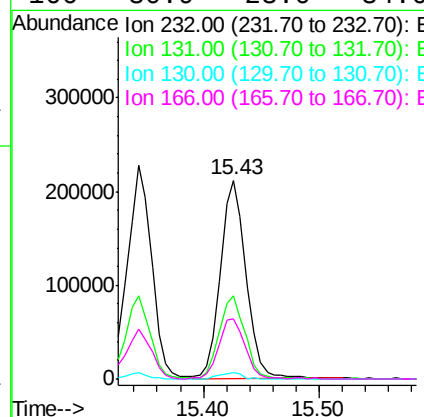
Manual Integrations

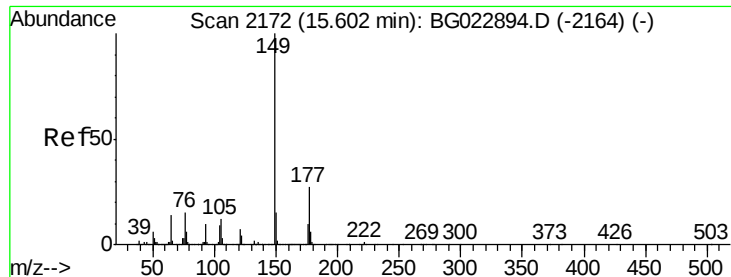
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.82 ng
 RT: 15.43 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.9	32.7	49.1
130	3.1	2.6	3.8
166	30.9	23.0	34.6





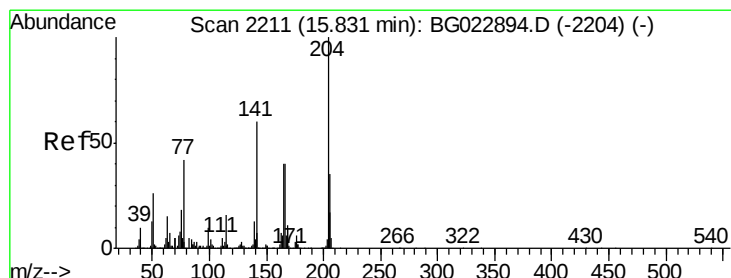
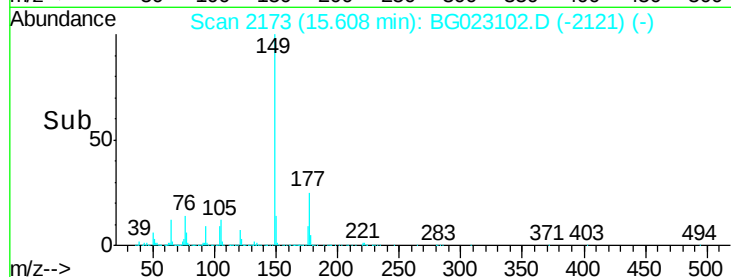
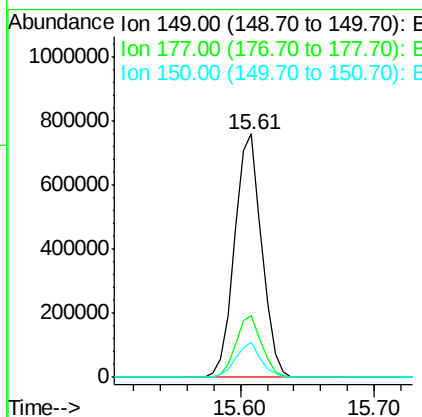
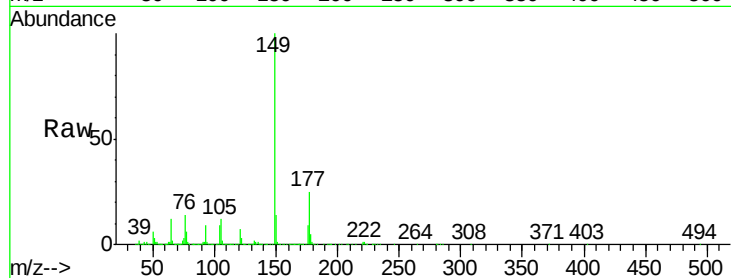
#59
Diethylphthalate
Concen: 26.04 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	19.2	28.8
150	14.1	10.6	16.0

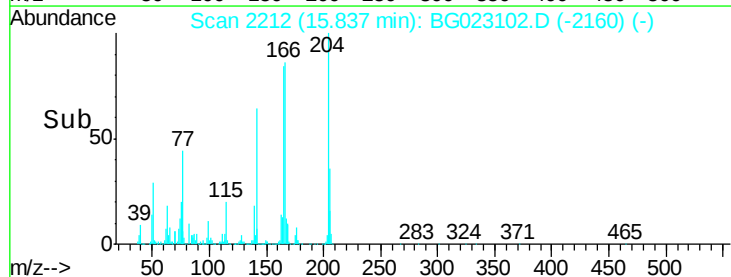
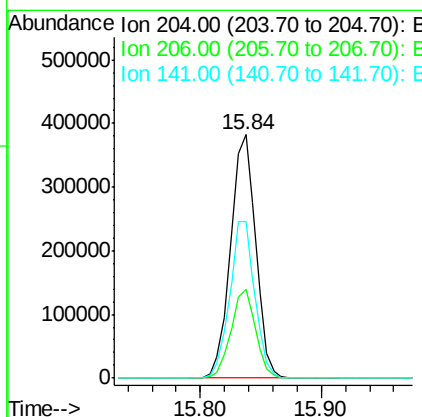
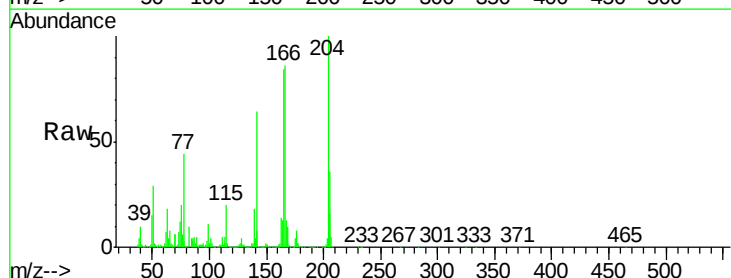
Manual Integrations

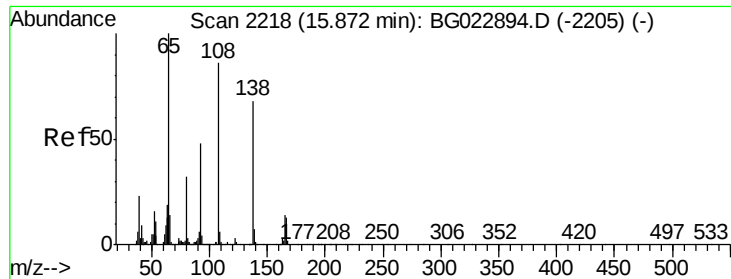
APPROVED
Sohil
7/15/2016 9:14:17 AM



#60
4-Chlorophenyl-phenylether
Concen: 23.86 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.4	28.5	42.7
141	64.4	51.4	77.0





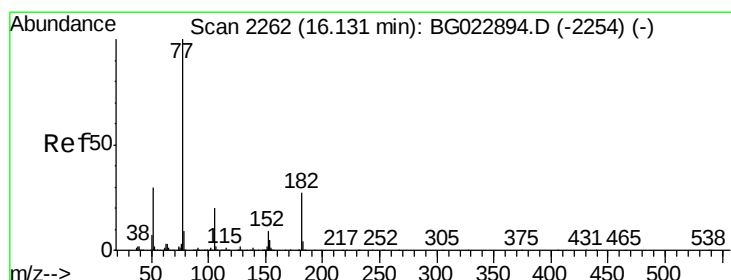
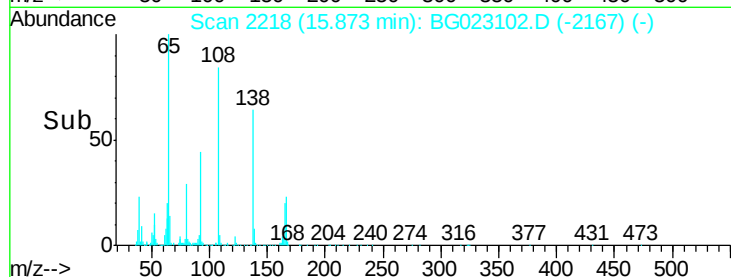
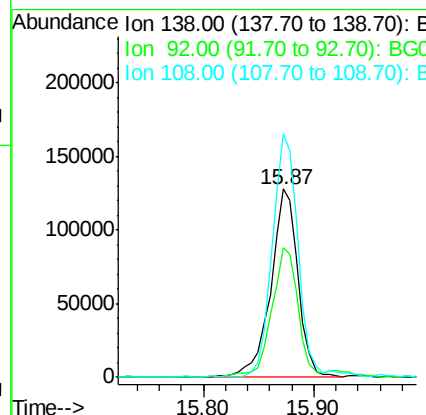
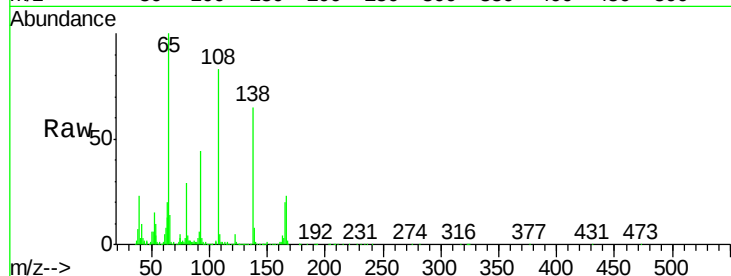
#61
4-Nitroaniline
Concen: 22.62 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.6	54.1	94.1
108	129.3	133.9	173.9#

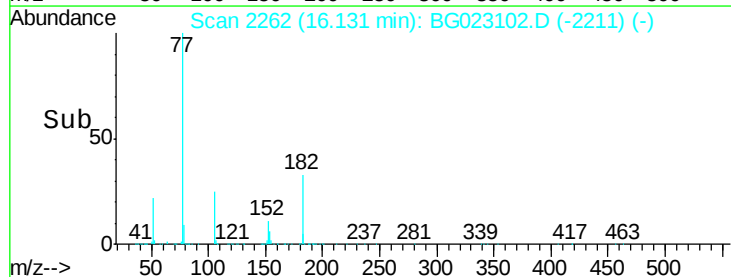
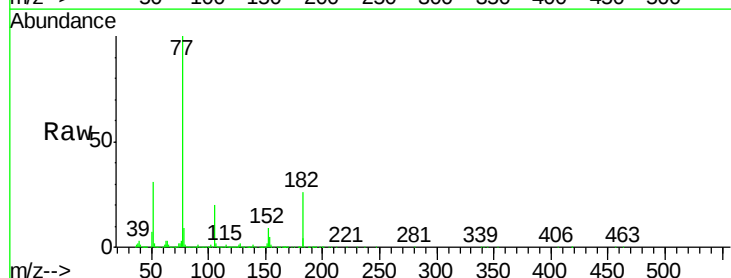
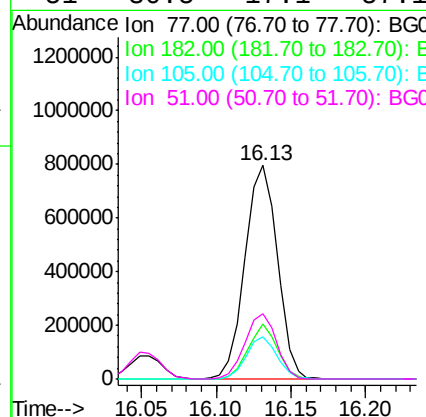
Manual Integrations

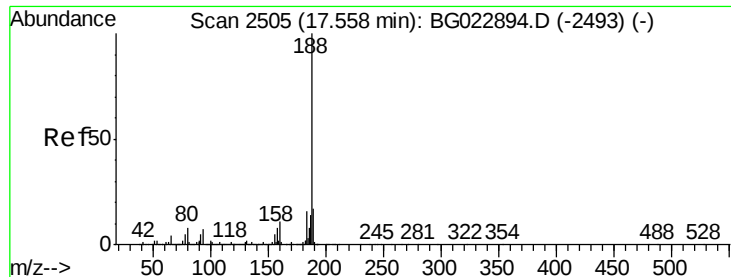
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#62
Azobenzene
Concen: 30.34 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	3.5	43.5
105	19.9	0.0	38.5
51	30.5	17.1	57.1





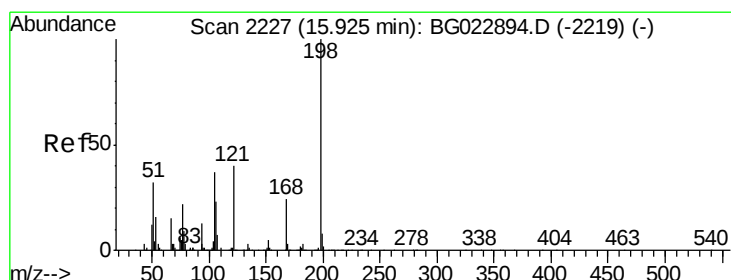
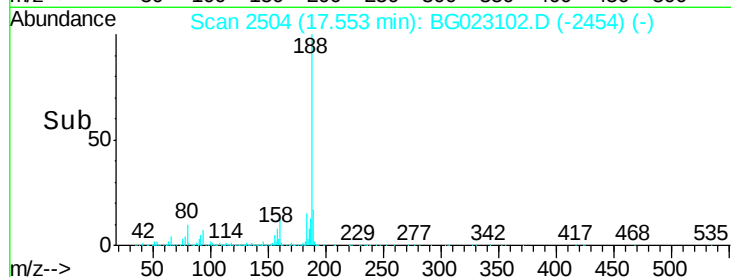
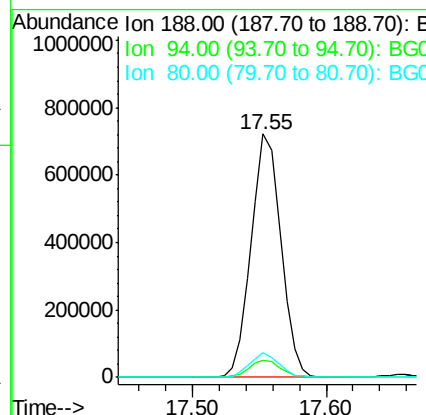
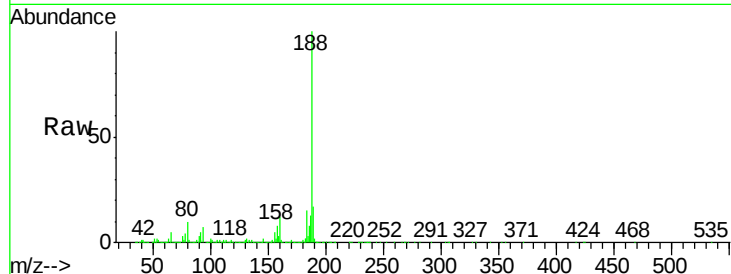
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	5.2	7.8	
80	10.3	7.2	10.8	

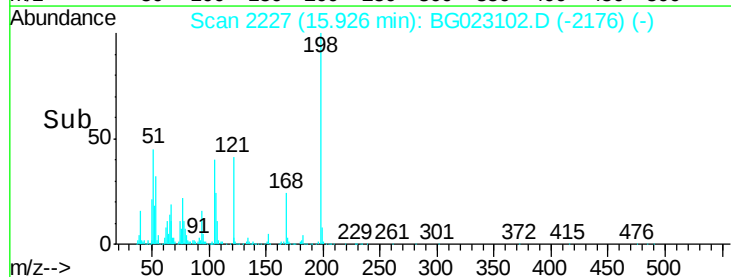
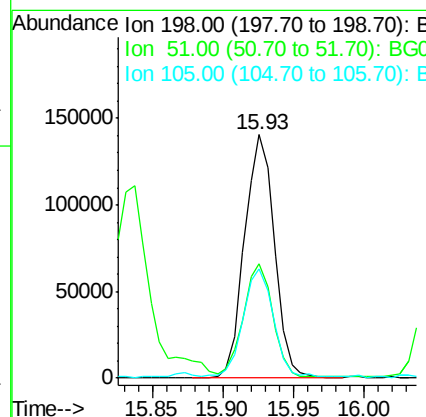
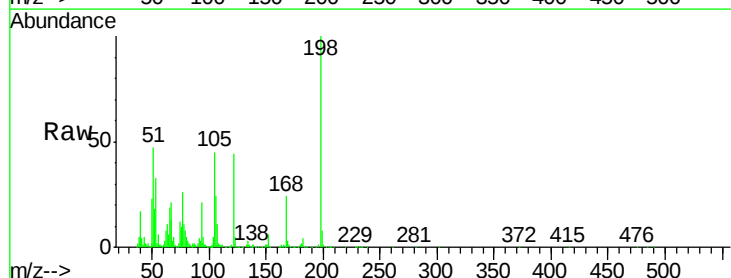
Manual Integrations

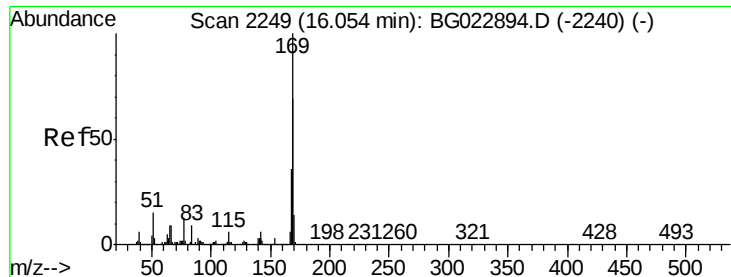
APPROVED
Sohil
7/15/2016 9:14:17 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 25.26 ng
RT: 15.93 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
198	100			
51	46.8	26.0	66.0	
105	45.0	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 28.35 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion:169 Resp: 906649

Ion Ratio Lower Upper

169 100

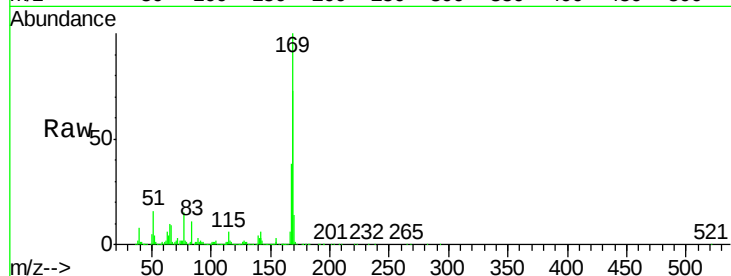
168 73.0 55.0 82.4

167 38.2 27.4 41.0

Manual Integrations

Sohil

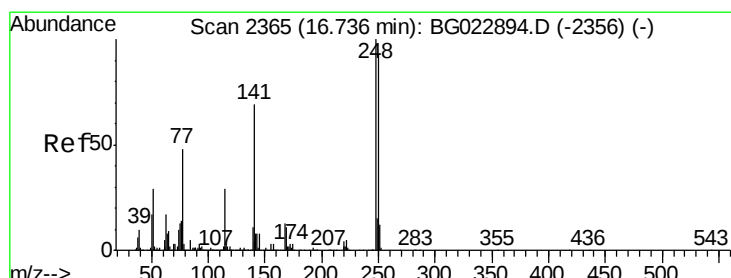
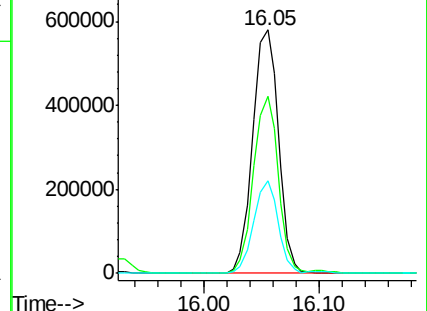
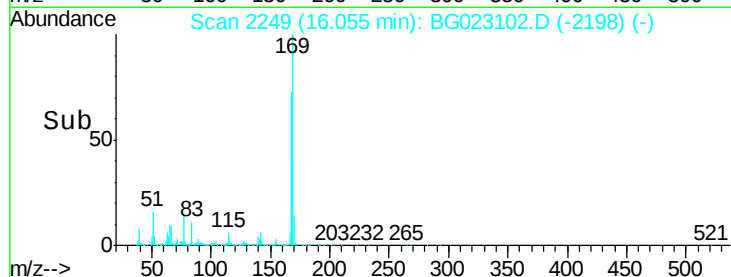
7/15/2016 9:14:17 AM



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: 25.47 ng

RT: 16.74 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

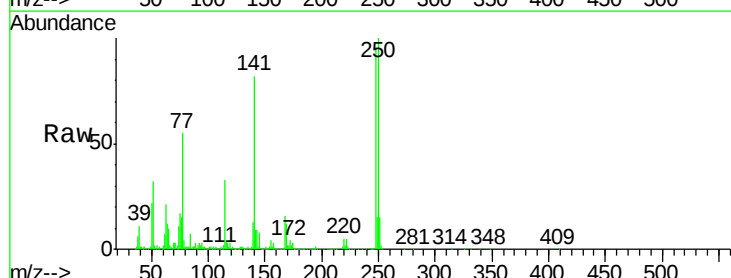
Tgt Ion:248 Resp: 367815

Ion Ratio Lower Upper

248 100

250 103.9 77.8 116.8

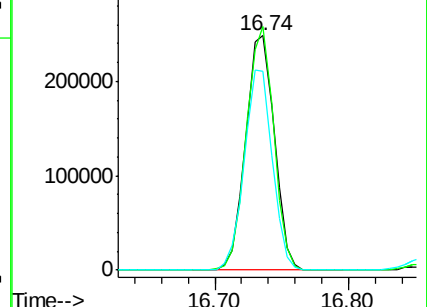
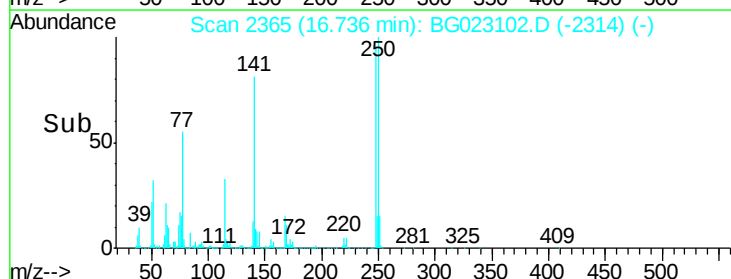
141 84.8 65.7 98.5

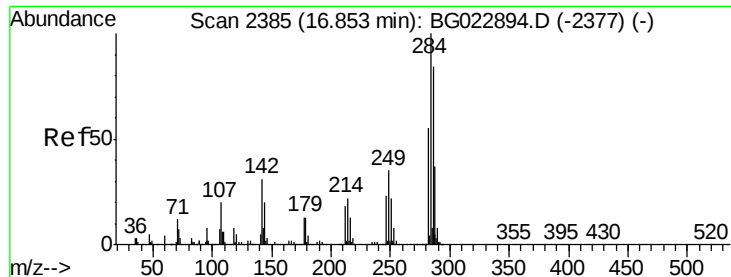


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 24.89 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

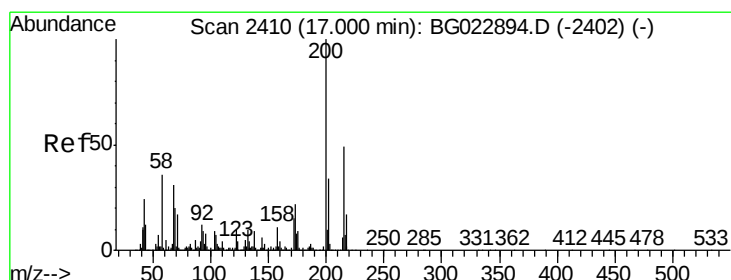
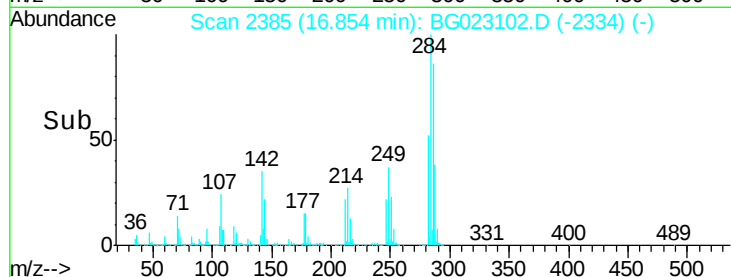
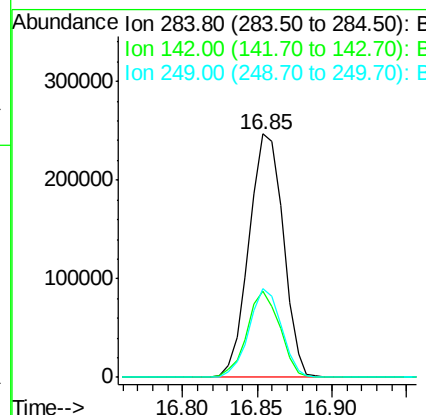
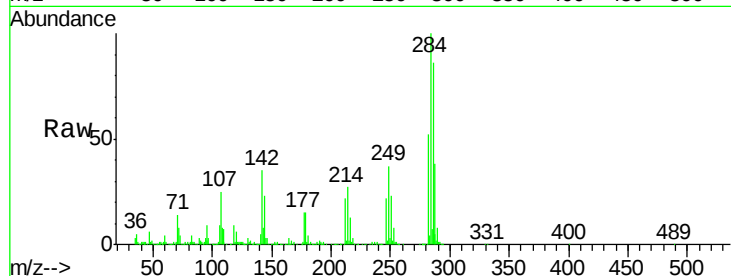
LSS-MW-SB22(20)MS

Tot Ion:	284	Resp:	390807
Ion Ratio	Lower	Upper	
284	100		
142	35.2	26.8	40.2
249	36.6	28.9	43.3

Manual Integrations

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7/15/2016 9:14:17 AM



#68

Atrazine

Concen: 24.38 ng

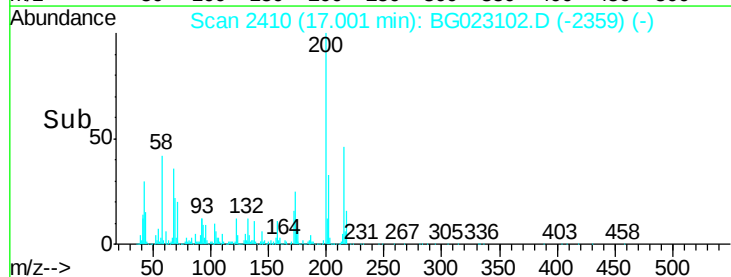
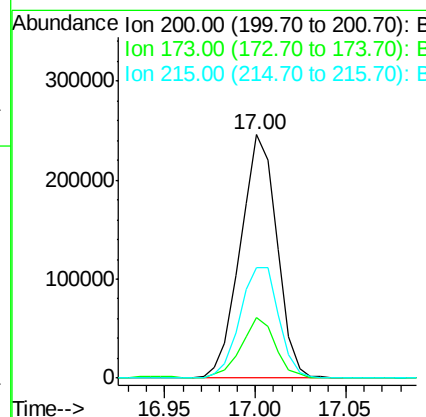
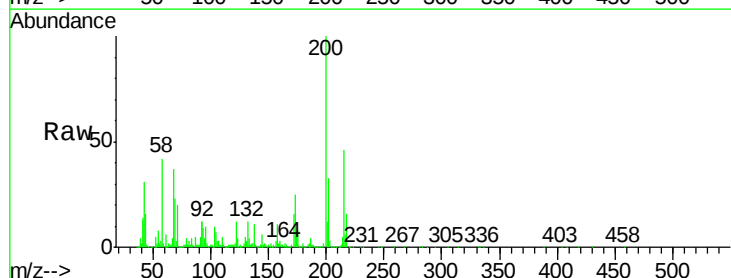
RT: 17.00 min Scan# 2410

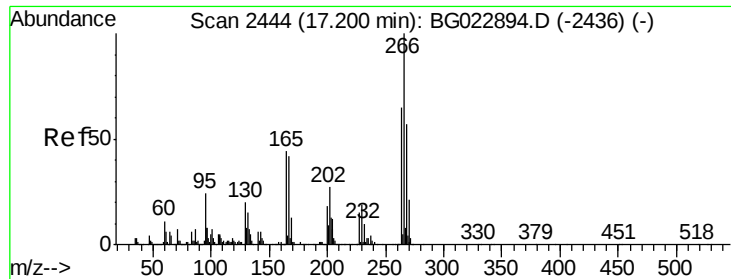
Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Tgt Ion:	200	Resp:	345952
Ion Ratio	Lower	Upper	
200	100		
173	24.9	1.6	41.6
215	45.6	28.7	68.7





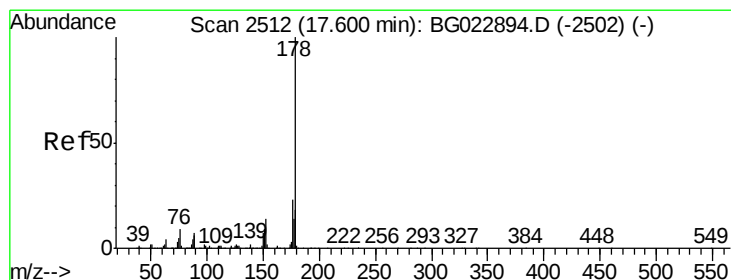
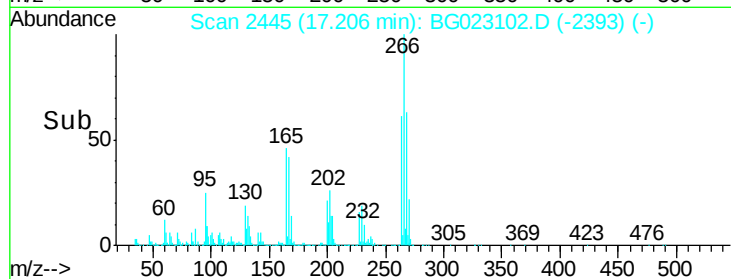
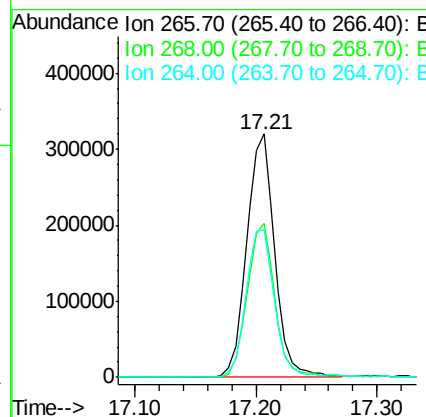
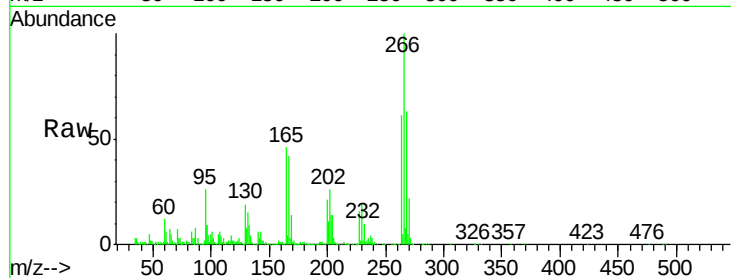
#69
 Pentachlorophenol
 Concen: 50.87 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.9	77.9
264	60.9	50.6	75.8

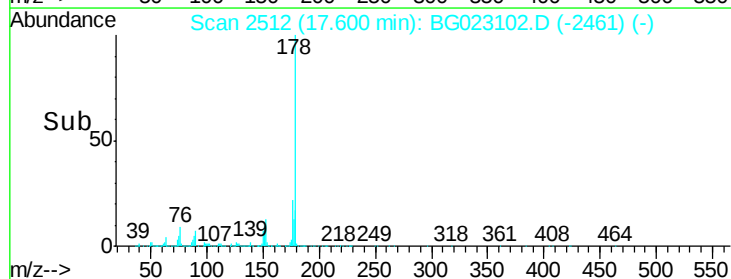
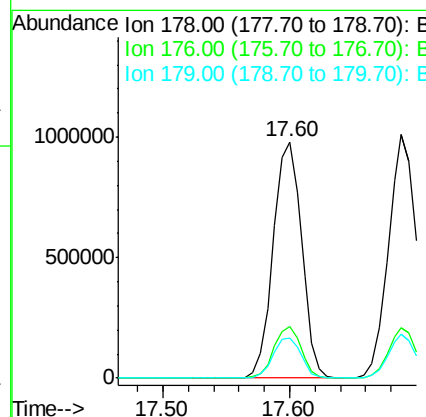
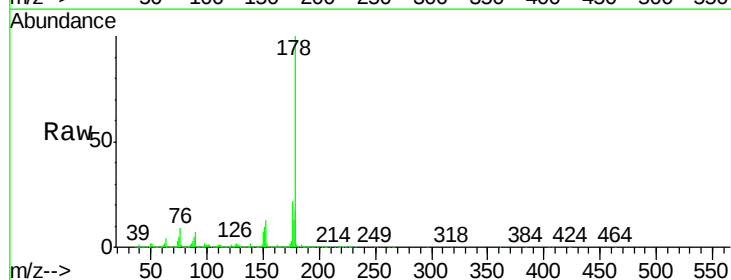
Manual Integrations

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#70
 Phenanthrene
 Concen: 28.09 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.8	25.2
179	16.8	14.3	21.5





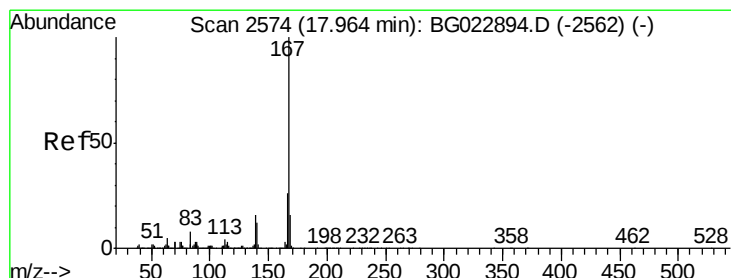
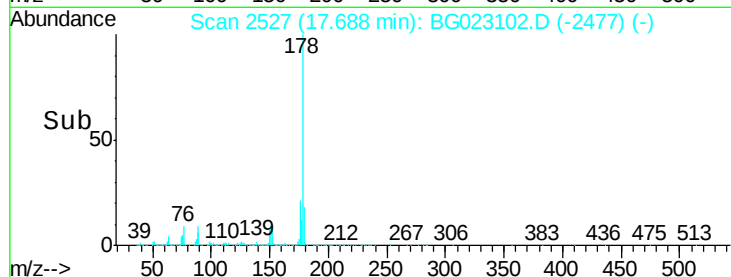
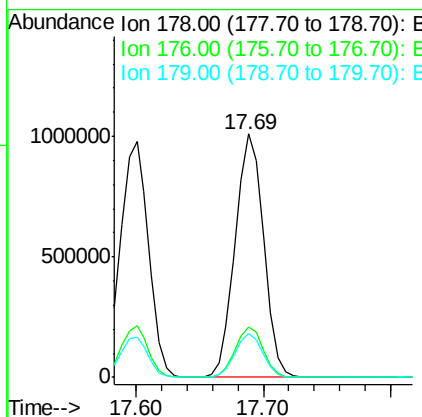
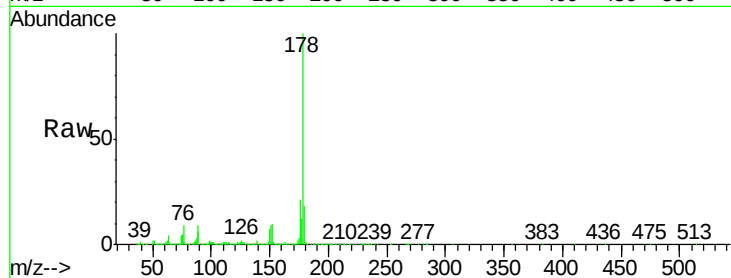
#71
 Anthracene
 Concen: 28.44 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion:178 Resp: 1566519
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.3 25.9
 179 17.8 14.0 21.0

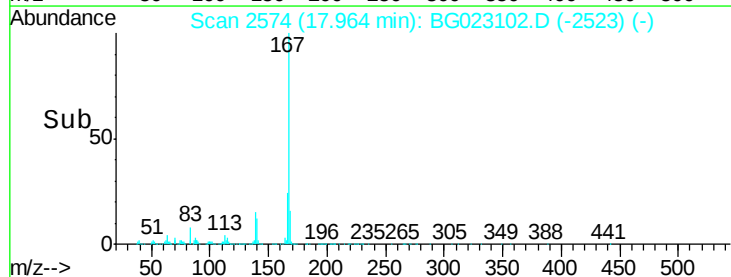
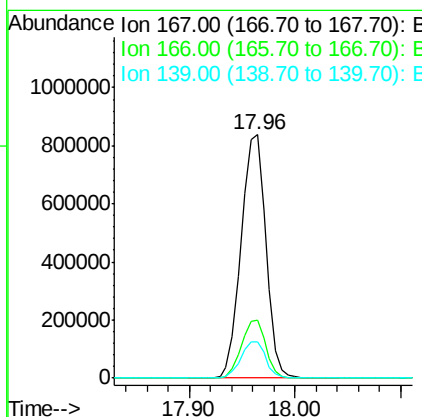
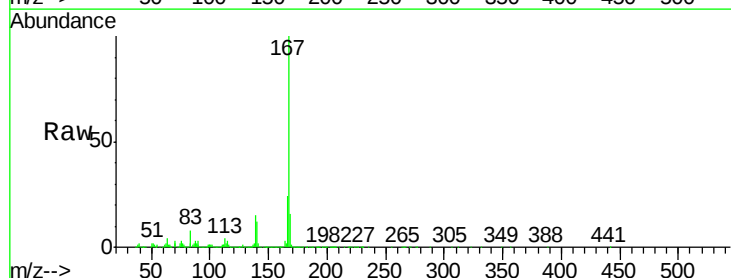
Manual Integrations

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 Sohil
 7/15/2016 9:14:17 AM



#72
 Carbazole
 Concen: 28.60 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion:167 Resp: 1361287
 Ion Ratio Lower Upper
 167 100
 166 23.9 20.7 31.1
 139 14.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 31.09 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion:149 Resp: 1646027

Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.1	13.7
104	7.3	6.9	10.3

149 100

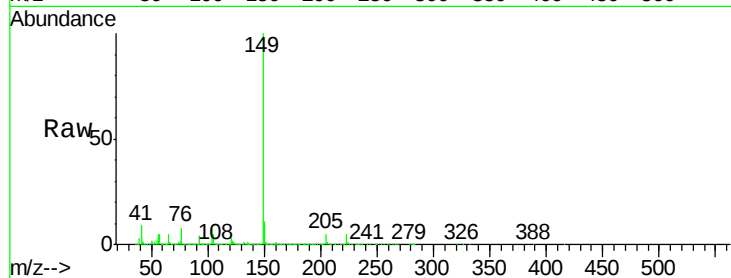
150 11.0 9.1 13.7

104 7.3 6.9 10.3

Manual Integrations

Sohil

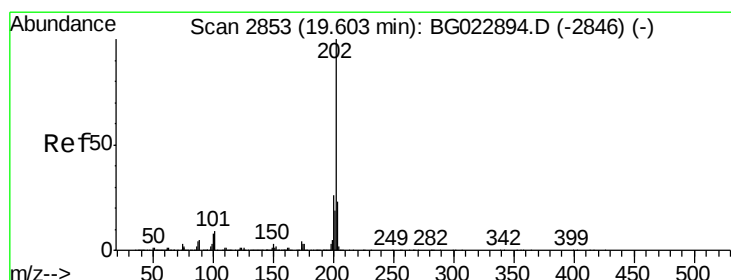
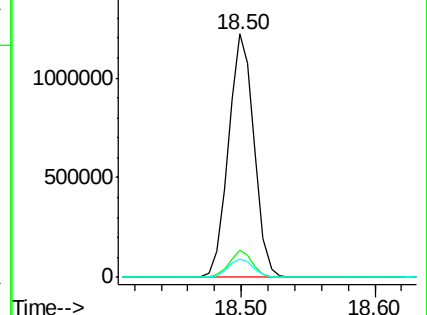
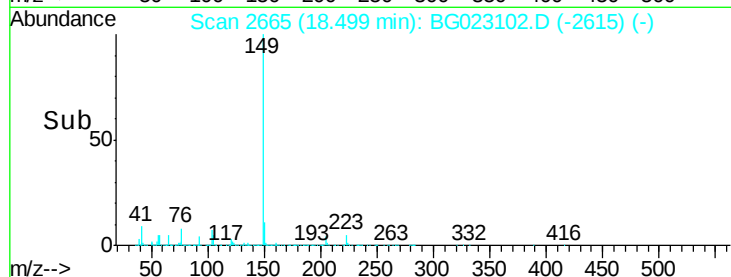
7/15/2016 9:14:17 AM



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: 26.71 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

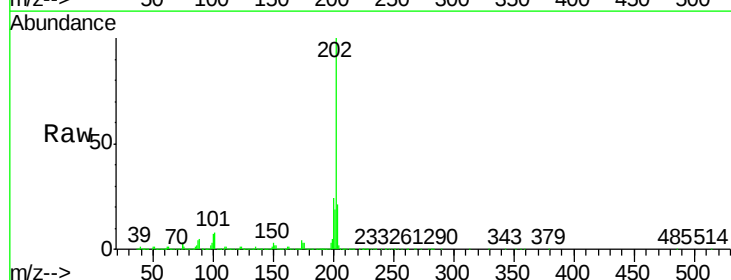
Tgt Ion:202 Resp: 1783164

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.4
203	21.3	1.7	41.7

202 100

101 8.4 0.0 27.4

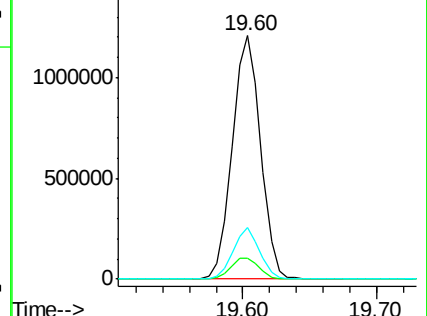
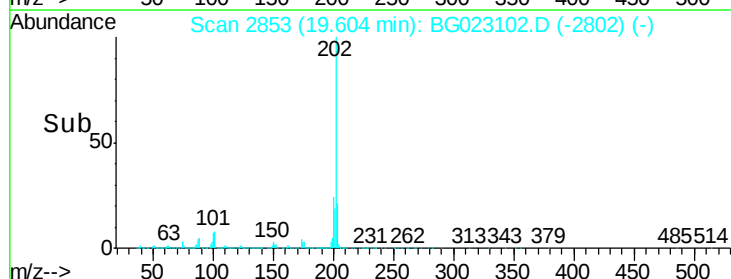
203 21.3 1.7 41.7

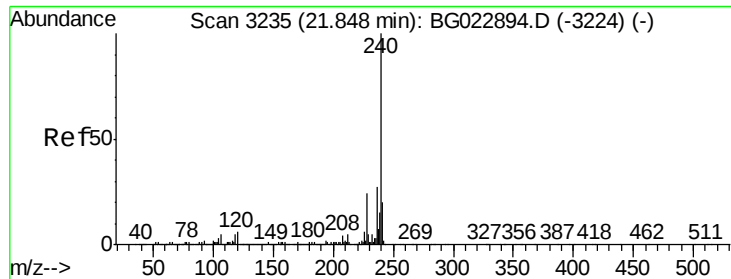


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion:240 Resp: 1209301

Ion Ratio Lower Upper

240 100

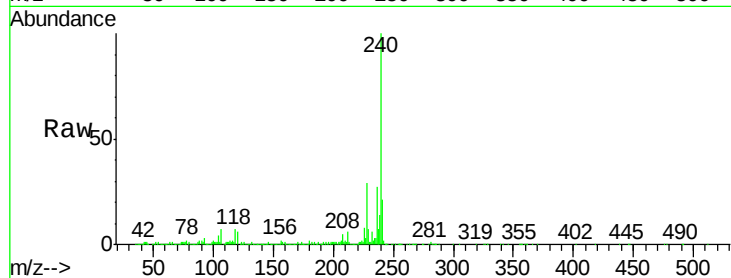
120 6.3 4.1 6.1#

236 26.9 21.1 31.7

Manual Integrations

Sohil

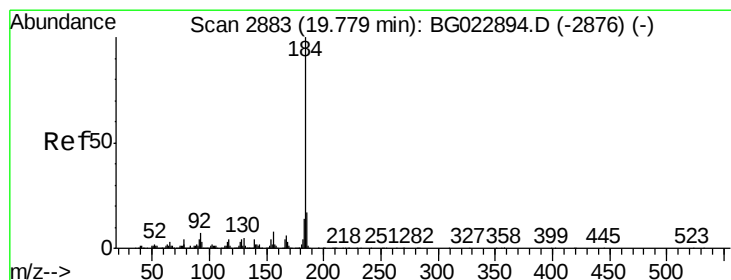
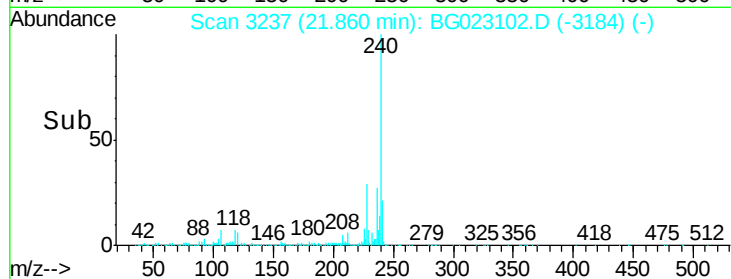
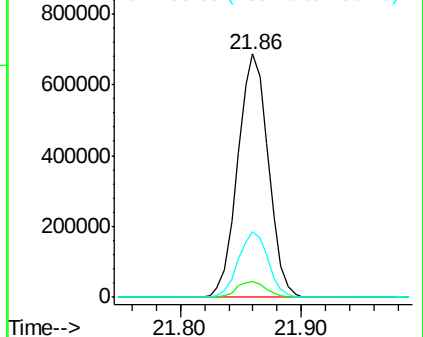
7/15/2016 9:14:17 AM



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: 6.87 ng

RT: 19.79 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

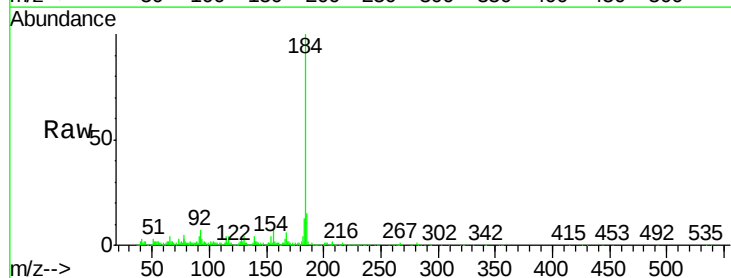
Tgt Ion:184 Resp: 238112

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

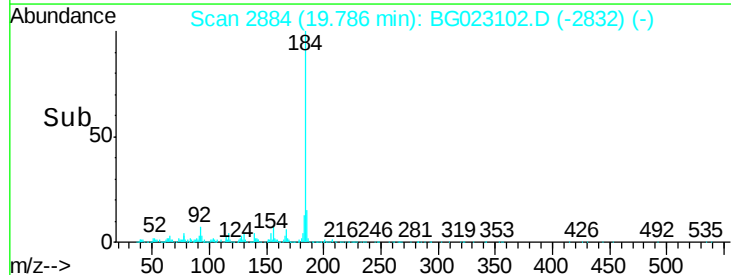
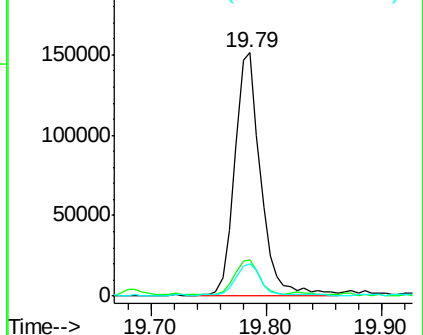
183 13.3 10.7 16.1

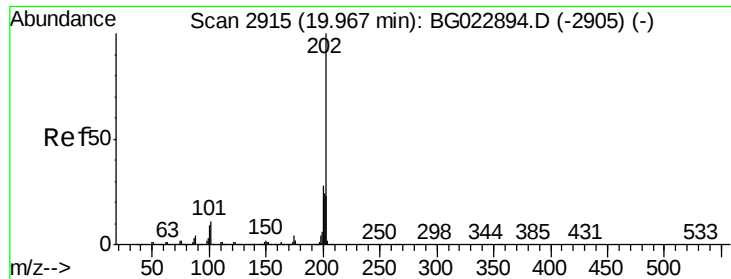


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.41 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS

Tot Ion:202 Resp: 1794717

Ion Ratio Lower Upper

202 100

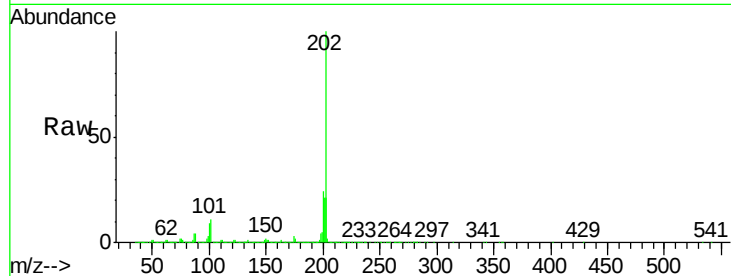
200 24.3 21.2 31.8

203 20.6 16.8 25.2

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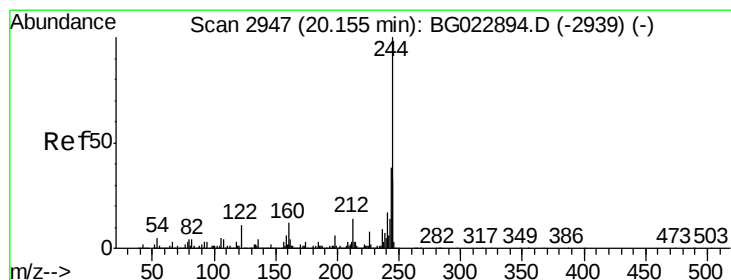
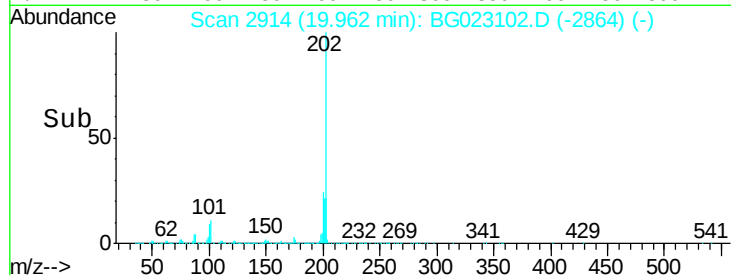
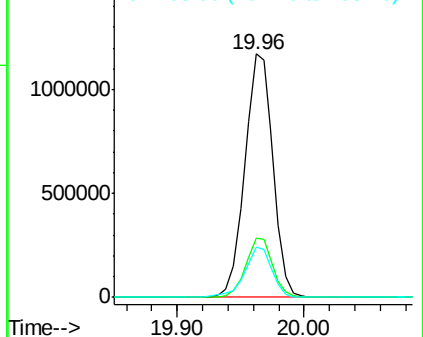


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.62 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

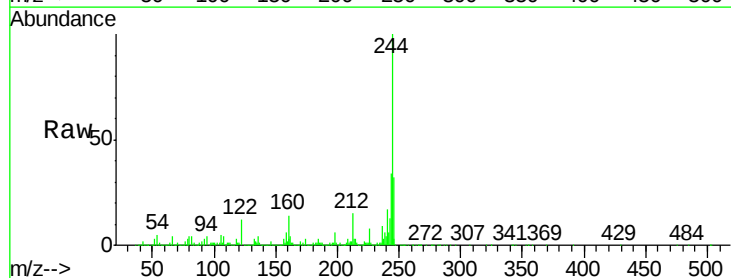
Tgt Ion:244 Resp: 3007214

Ion Ratio Lower Upper

244 100

212 14.9 10.8 16.2

122 11.9 8.0 12.0

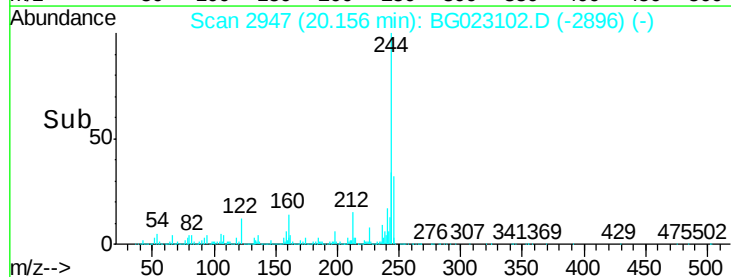
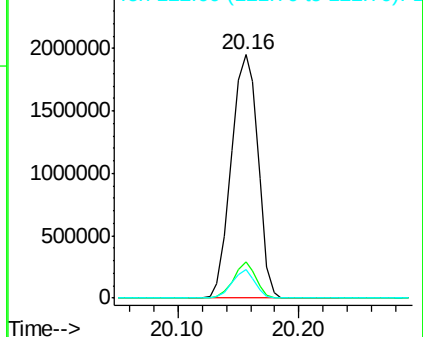


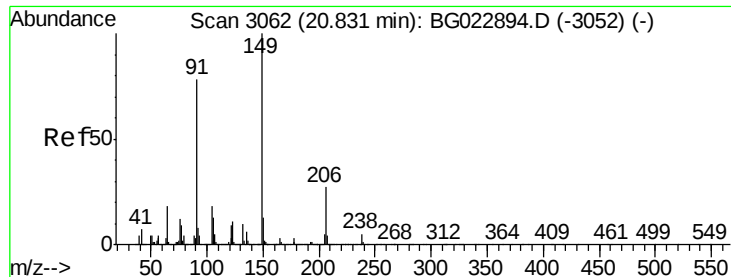
Abundance

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: 30.02 ng

RT: 20.84 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BG023102.D

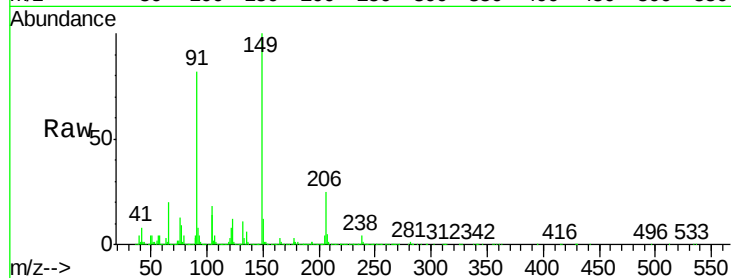
Acq: 14 Jul 2016 15:31

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MS



Tot Ion:149 Resp: 808140

Ion Ratio Lower Upper

149 100

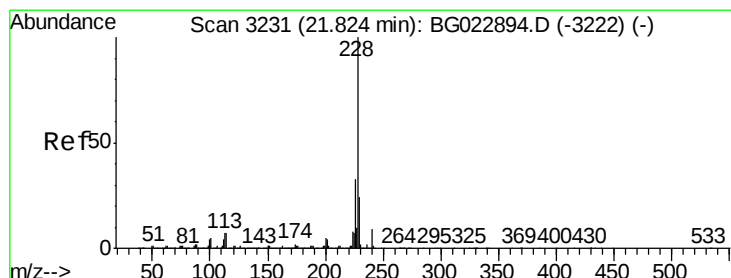
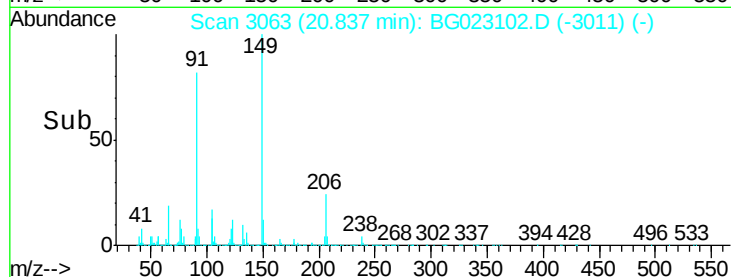
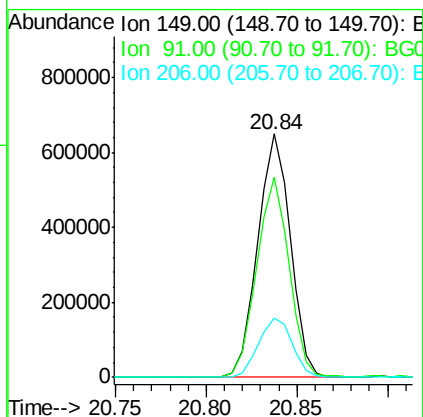
91 82.3 68.1 102.1

206 24.5 19.8 29.6

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#80

Benzo(a)anthracene

Concen: 28.06 ng

RT: 21.84 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG023102.D

Acq: 14 Jul 2016 15:31

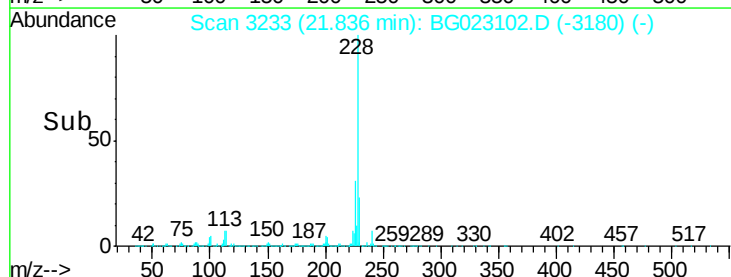
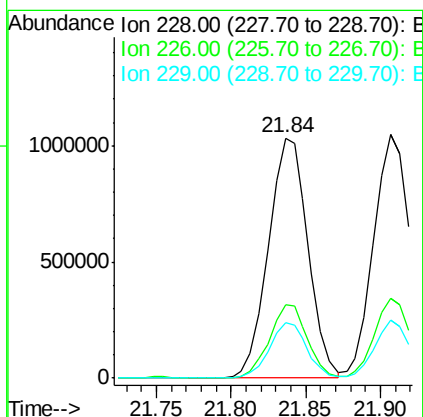
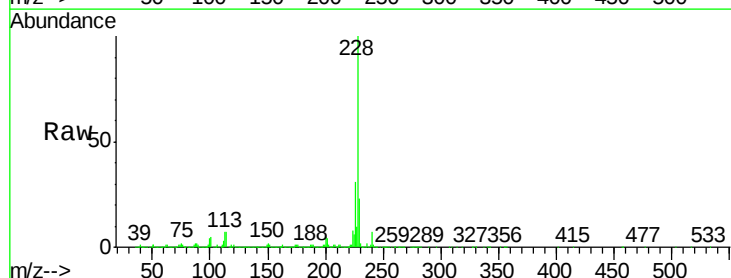
Tgt Ion:228 Resp: 1898577

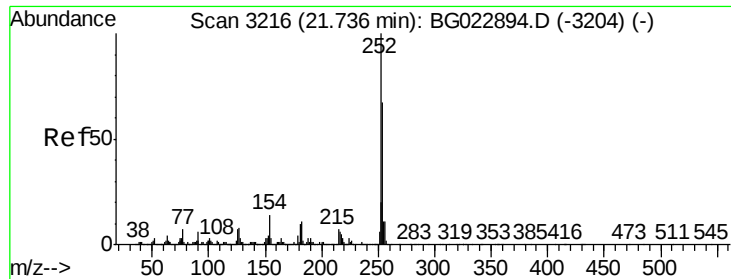
Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

229 23.0 19.9 29.9





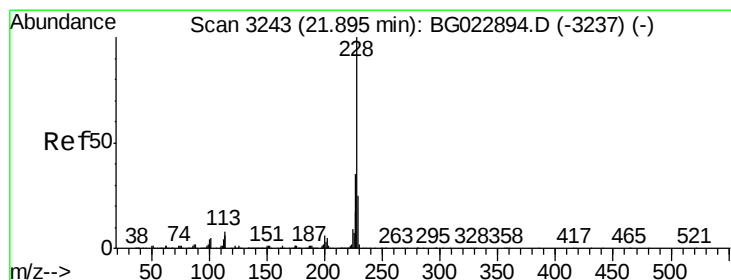
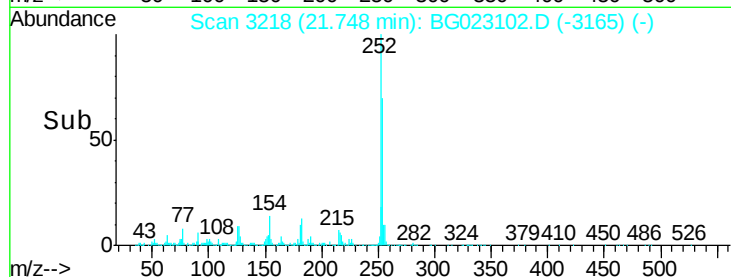
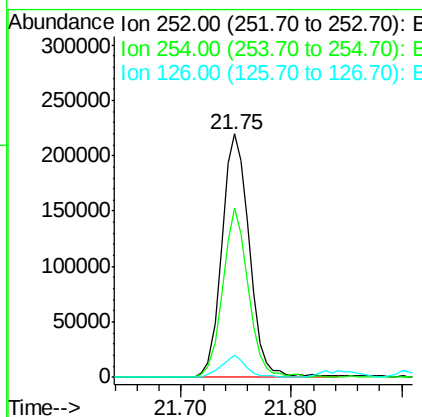
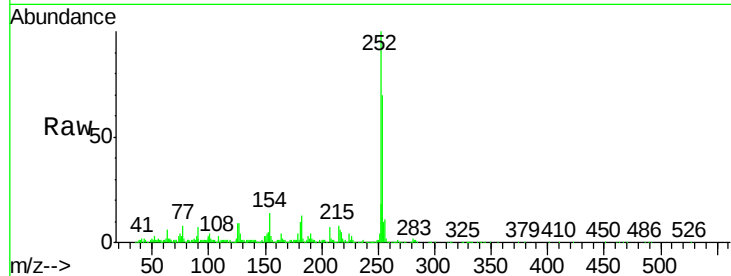
#81
 3,3'-Dichlorobenzidine
 Concen: 12.84 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.6	51.2	76.8
126	8.9	5.3	7.9

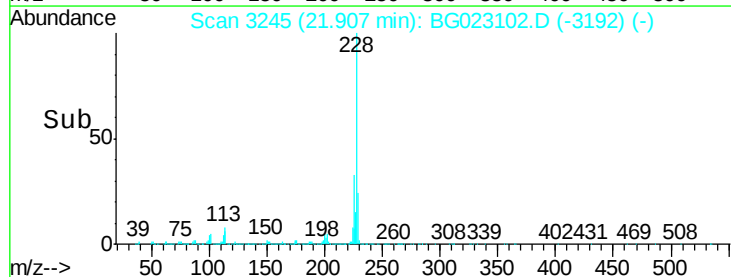
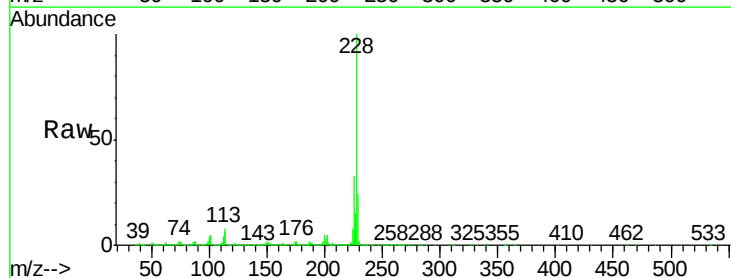
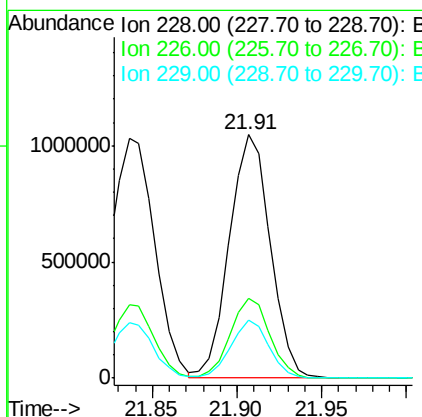
Manual Integrations

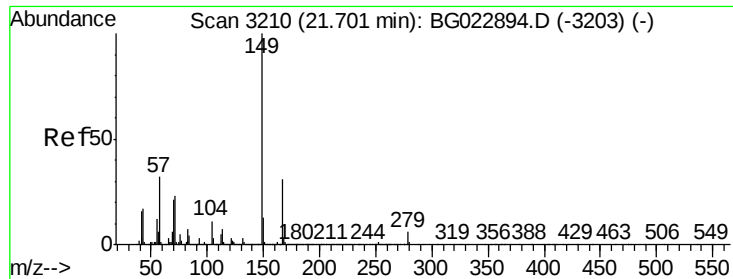
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#82
 Chrysene
 Concen: 27.74 ng
 RT: 21.91 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.7	40.1
229	23.6	17.4	26.2





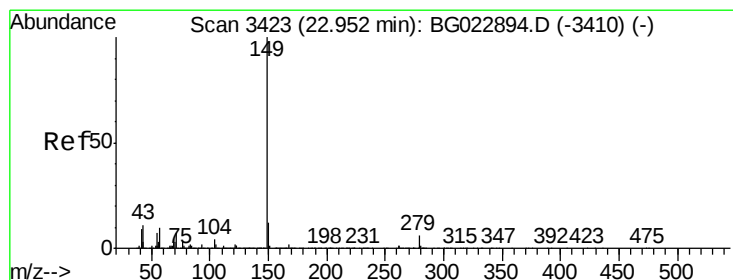
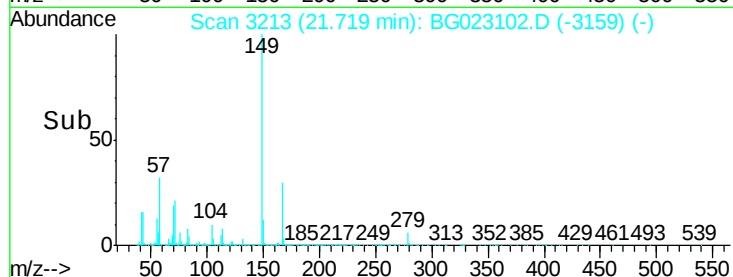
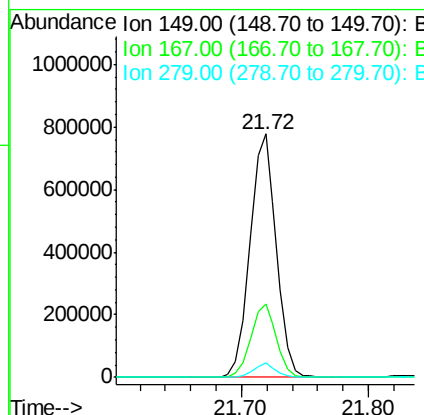
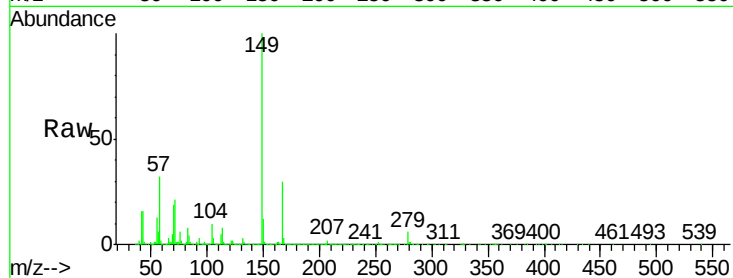
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.75 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.02 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion:149 Resp: 1112057
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 5.8 4.8 7.2

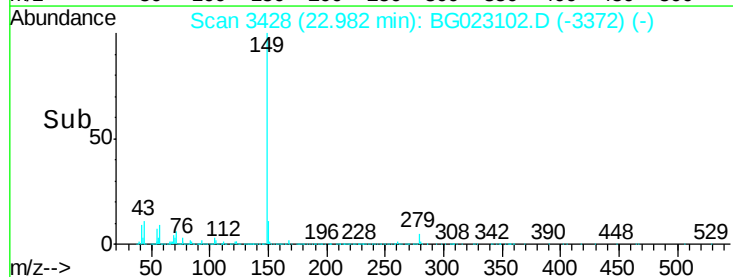
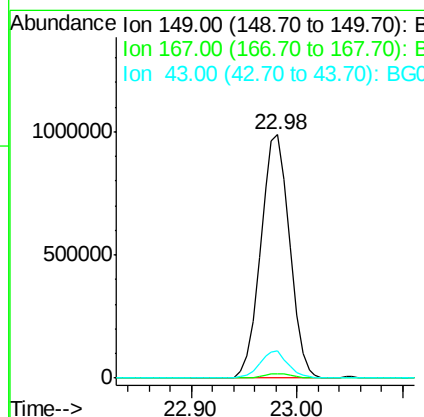
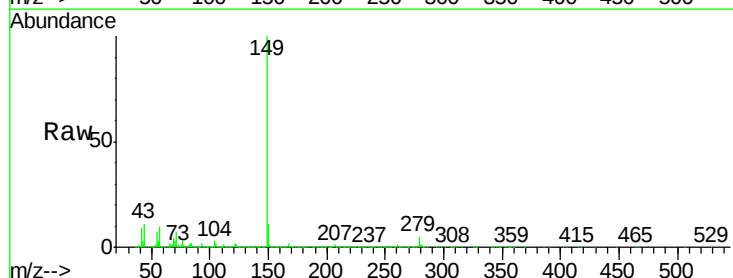
Manual Integrations

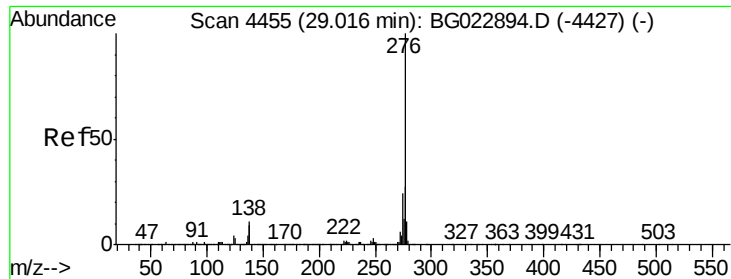
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#84
 Di-n-octyl phthalate
 Concen: 30.09 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. 0.03 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Tgt Ion:149 Resp: 1875336
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.5 8.8 13.2





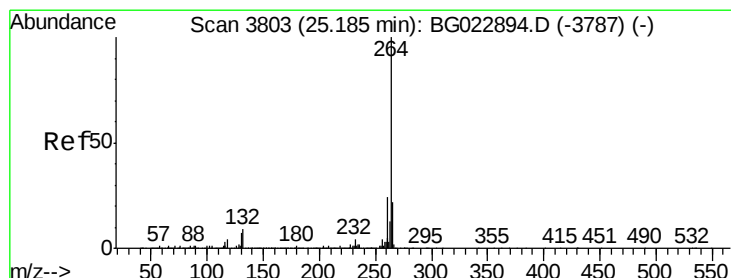
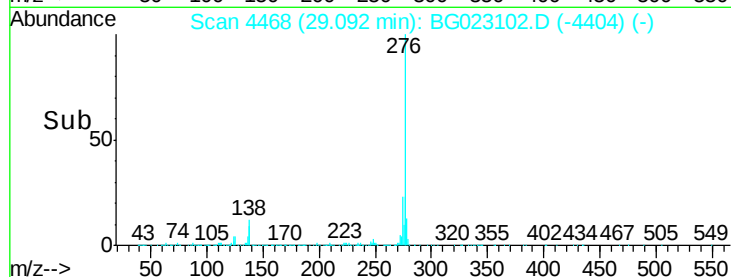
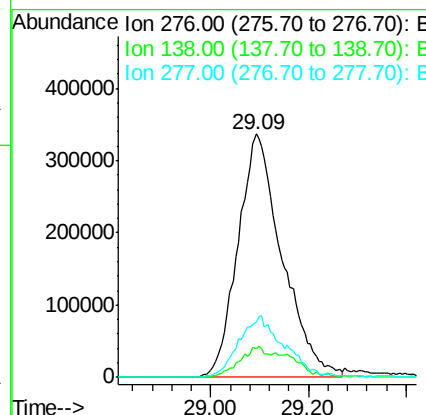
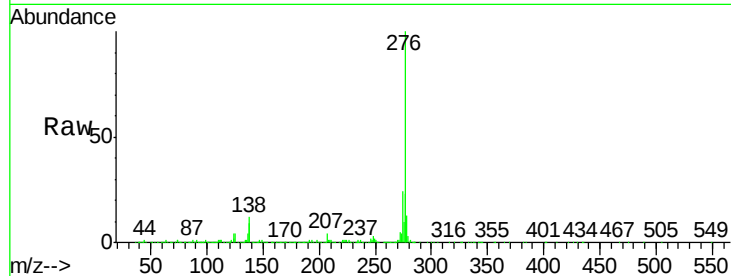
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.12 ng
RT: 29.09 min Scan# 4468
Delta R.T. 0.08 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion:276 Resp: 2113731
Ion Ratio Lower Upper
276 100
138 8.1 0.0 0.0#
277 25.5 0.0 0.0#

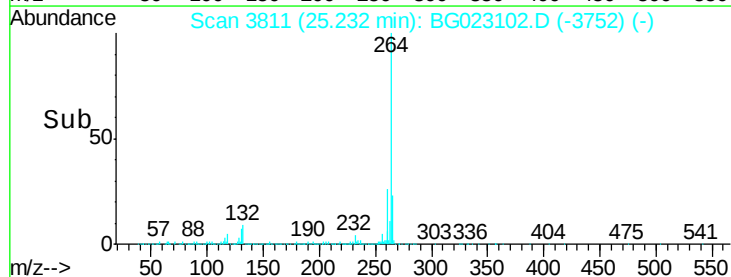
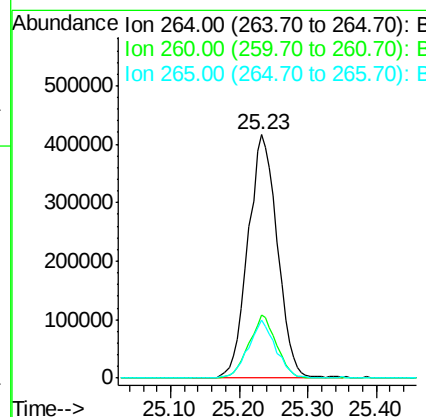
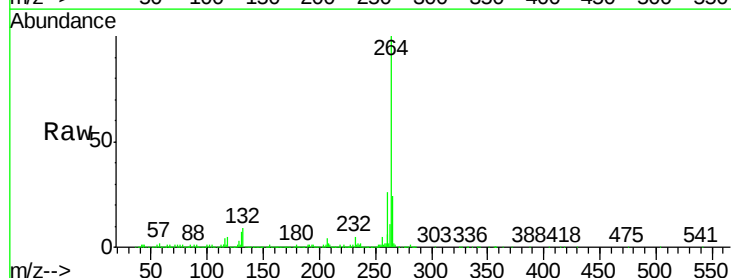
Manual Integrations

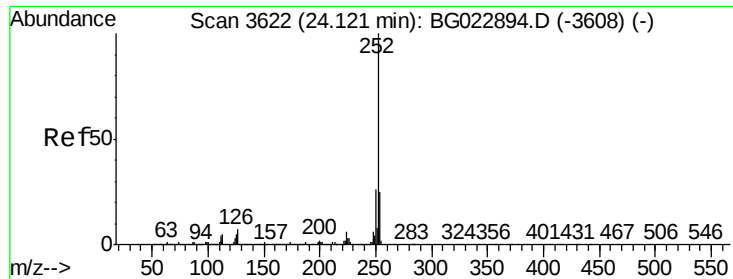
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. 0.05 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion:264 Resp: 1240413
Ion Ratio Lower Upper
264 100
260 26.1 18.4 27.6
265 23.6 18.9 28.3





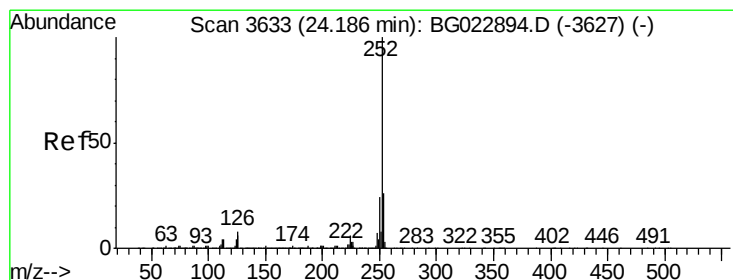
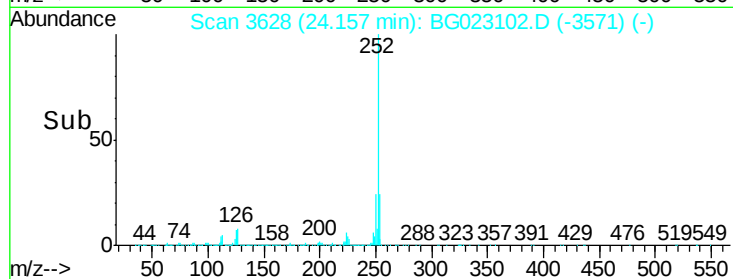
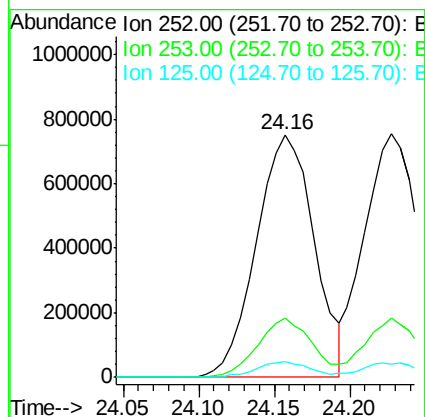
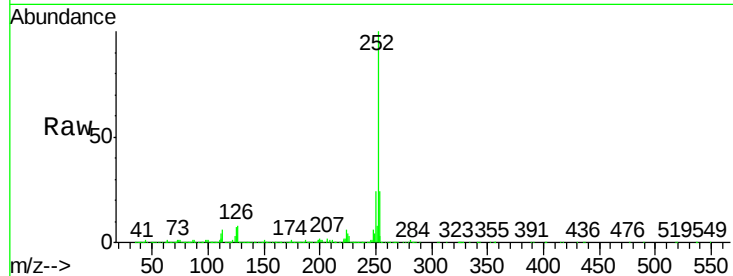
#87
Benzo(b)fluoranthene
Concen: 27.76 ng m
RT: 24.16 min Scan# 3628
Delta R.T. 0.04 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion:252 Resp: 1986574
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 6.6 3.9 5.9#

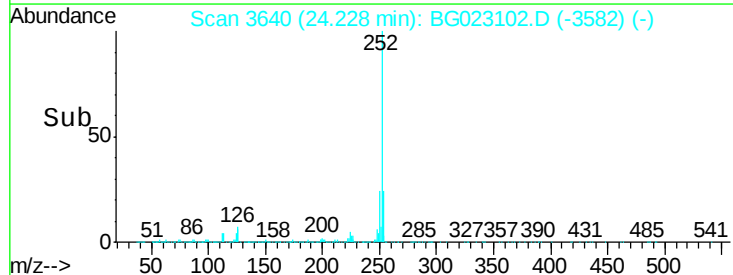
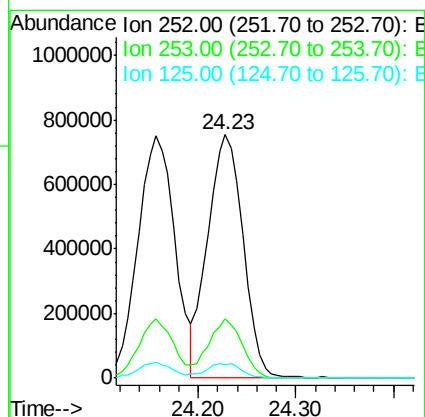
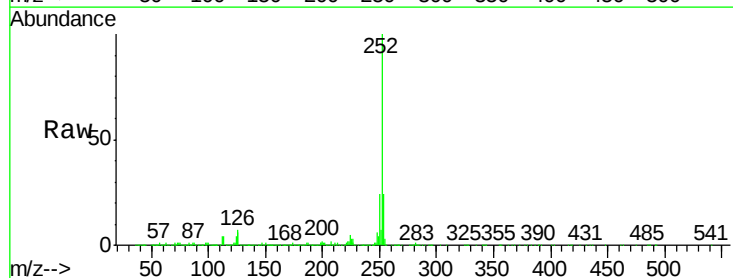
Manual Integrations

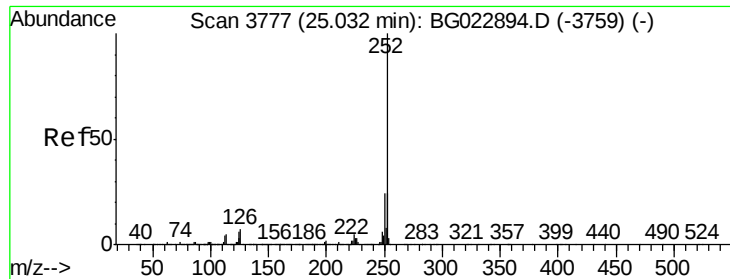
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#88
Benzo(k)fluoranthene
Concen: 27.78 ng
RT: 24.23 min Scan# 3640
Delta R.T. 0.04 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion:252 Resp: 1886753
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 5.7 3.2 4.8#





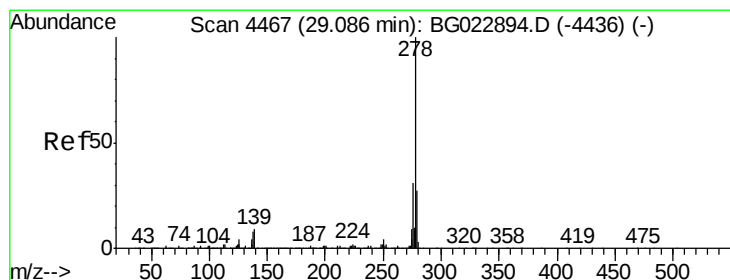
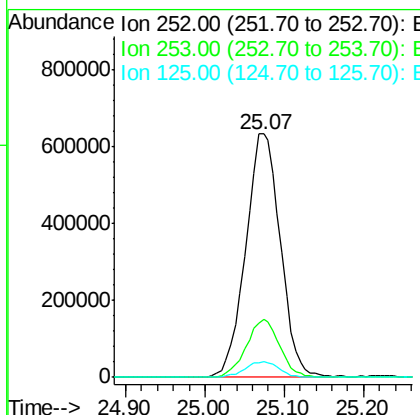
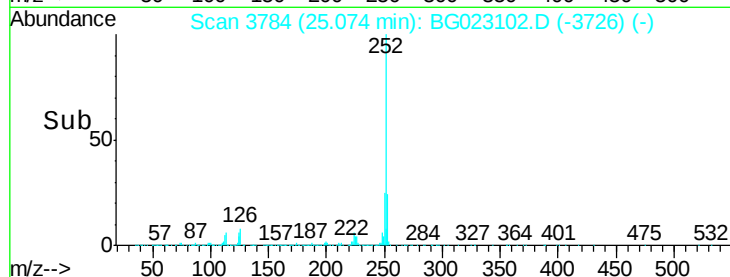
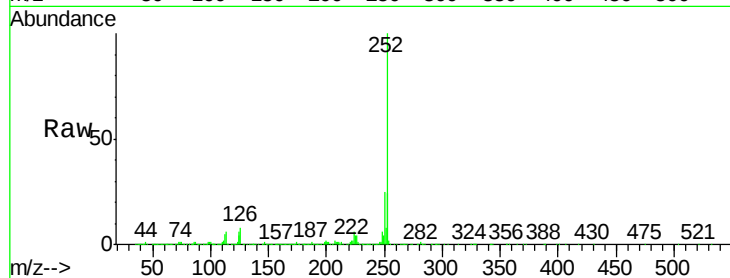
#89
Benzo(a)pyrene
Concen: 28.05 ng
RT: 25.07 min Scan# 3784
Delta R.T. 0.04 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Tot Ion:252 Resp: 1924293
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 6.5 3.9 5.9#

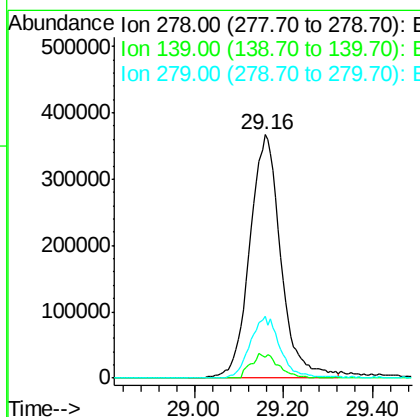
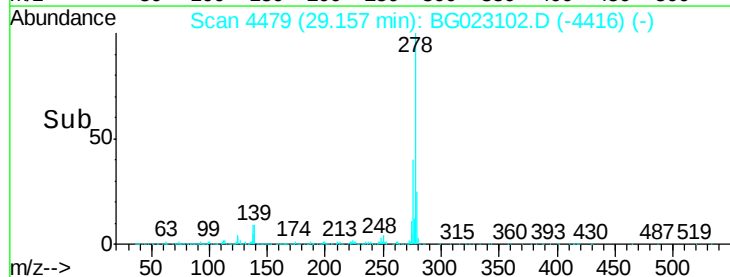
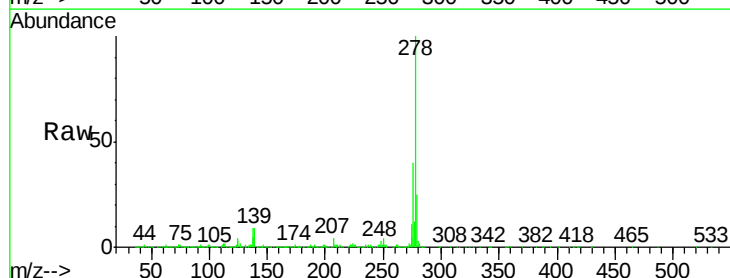
Manual Integrations

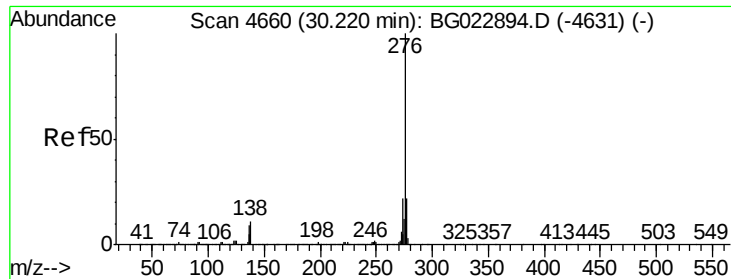
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#90
Dibenzo(a,h)anthracene
Concen: 25.84 ng
RT: 29.16 min Scan# 4479
Delta R.T. 0.07 min
Lab File: BG023102.D
Acq: 14 Jul 2016 15:31

Tgt Ion:278 Resp: 1759085
Ion Ratio Lower Upper
278 100
139 8.7 4.7 7.1#
279 25.3 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 24.96 ng
 RT: 30.31 min Scan# 4675
 Delta R.T. 0.09 min
 Lab File: BG023102.D
 Acq: 14 Jul 2016 15:31

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	27.8
138	11.8	6.8	10.2

Manual Integrations

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