

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023422.D
 Acq On : 3 Aug 2016 12:19
 Operator : UM/SJ
 Sample : H4145-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9524

Manual Integrations
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Quant Time: Aug 04 03:20:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	100519	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	464885	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	347164	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	873778	20.00	ng	0.00
75) Chrysene-d12	21.87	240	870484	20.00	ng	0.00
86) Perylene-d12	25.25	264	868222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	340145	56.96	ng	0.00
7) Phenol-d6	7.28	99	550916	59.23	ng	0.00
23) Nitrobenzene-d5	9.30	82	383854	41.05	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	510138	100.46	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1112939	54.07	ng	0.00
78) Terphenyl-d14	20.15	244	2222034	78.39	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	7.69	128	130139	18.97	ng	97
10) Phenol	7.31	94	684366	68.78	ng	85
11) bis(2-Chloroethyl)ether	7.53	93	219100	27.60	ng	94
12) 1,3-Dichlorobenzene	8.01	146	134039	17.06	ng	92
17) 2-Methylphenol	8.57	107	358885	53.80	ng	# 87
19) n-Nitroso-di-n-propylamine	8.93	70	786280	98.28	ng	98
20) 3+4-Methylphenols	8.90	107	571044	60.72	ng	84
25) Isophorone	9.87	82	1717952	88.20	ng	# 94
26) 2-Nitrophenol	10.06	139	301551	69.00	ng	# 83
29) 2,4-Dichlorophenol	10.60	162	752247	100.53	ng	99
30) 1,2,4-Trichlorobenzene	10.82	180	800391	99.19	ng	98
31) Naphthalene	11.01	128	1055369	44.58	ng	99
34) Hexachlorobutadiene	11.29	225	374827	70.63	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	330176	33.59	ng	95
37) 2-Methylnaphthalene	12.61	142	975857	54.22	ng	93
43) 2,4,5-Trichlorophenol	13.29	196	688444	89.17	ng	95
46) 2-Chloronaphthalene	13.66	162	487480	23.74	ng	98
48) Acenaphthylene	14.51	152	1173920	36.17	ng	99
49) Dimethylphthalate	14.23	163	269140	10.10	ng	99
50) 2,6-Dinitrotoluene	14.36	165	613501	97.26	ng	87
54) Dibenzofuran	15.19	168	4150305	139.04	ng	# 72
55) 4-Nitrophenol	15.01	139	341365	61.10	ng	# 80
56) 2,4-Dinitrotoluene	15.15	165	368694	41.65	ng	92
57) Fluorene	15.84	166	2694155	103.43	ng	# 98
59) Diethylphthalate	15.60	149	3600894	133.18	ng	# 72
60) 4-Chlorophenyl-phenylether	15.83	204	2092590	151.81	ng	91
66) 4-Bromophenyl-phenylether	16.73	248	499478	49.04	ng	93
67) Hexachlorobenzene	16.86	284	2055761	184.51	ng	95
69) Pentachlorophenol	17.20	266	203706	31.36	ng	93
71) Anthracene	17.68	178	2086641	46.79	ng	97
73) Di-n-butylphthalate	18.50	149	2788664	75.42	ng	96
74) Fluoranthene	19.60	202	2325748	58.32	ng	94
77) Pvrene	19.97	202	4635916	106.00	ng	# 59
80) Benzo(a)anthracene	21.85	228	4876581	101.49	ng	# 70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.92	228	3071152	67.18	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.23	276	4003903m	70.09	nq	
87) Benzo(b)fluoranthene	24.18	252	5185422	106.15	nq	# 87
88) Benzo(k)fluoranthene	24.25	252	4823560	102.81	nq	# 83
89) Benzo(a)pyrene	25.09	252	2621234	56.42	nq	# 96
90) Dibenzo(a,h)anthracene	29.23	278	7329074	154.43	nq	# 81
91) Benzo(q,h,i)perylene	30.37	276	5187653	108.55	nq	# 91

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

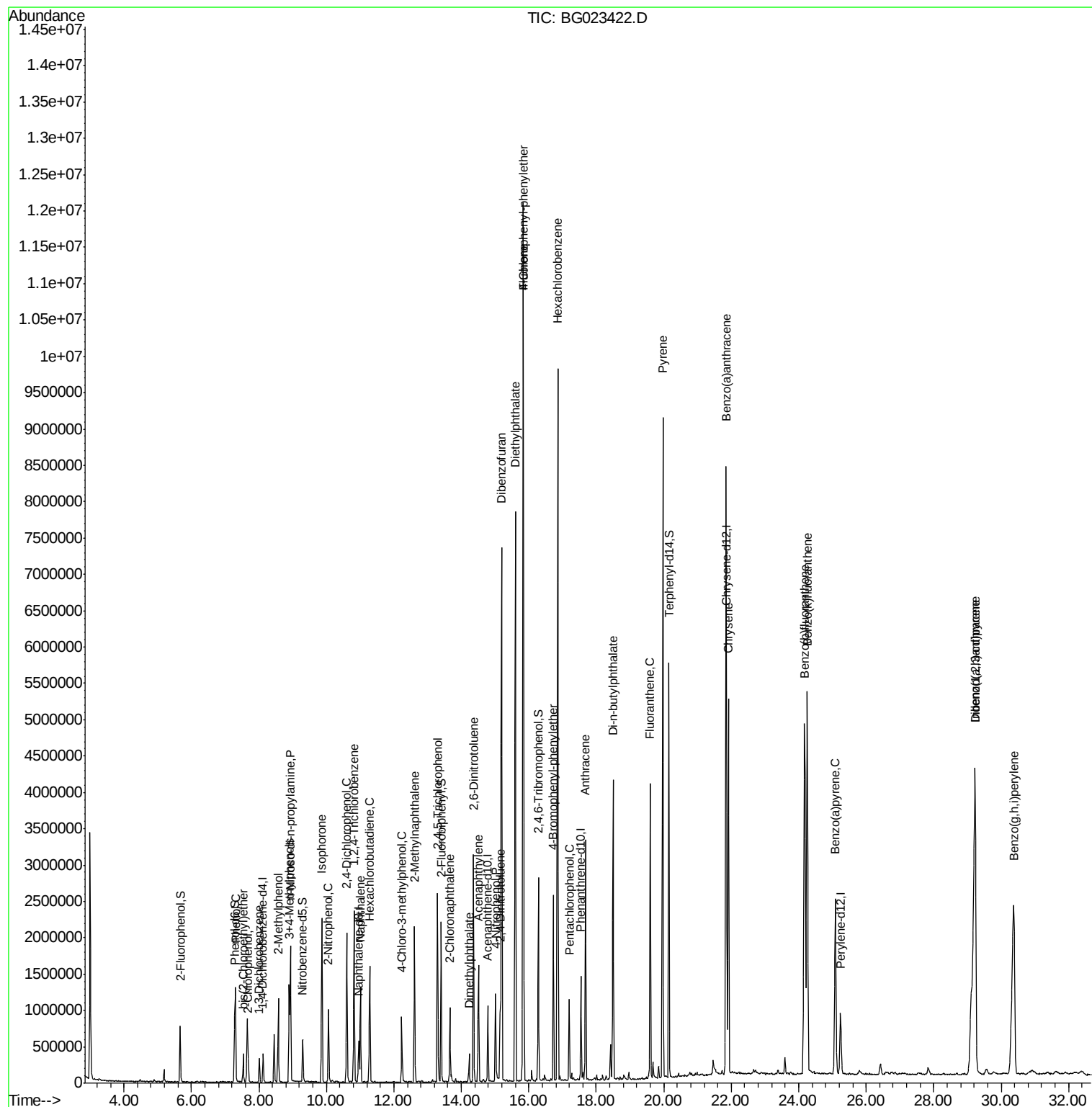
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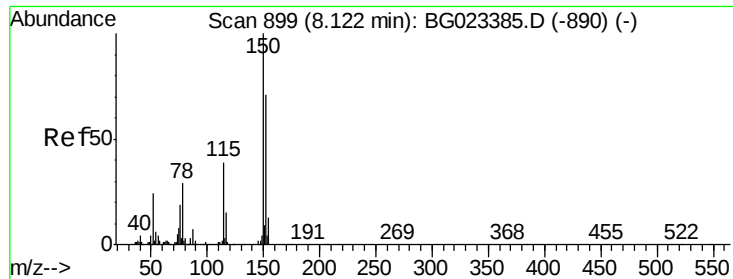
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

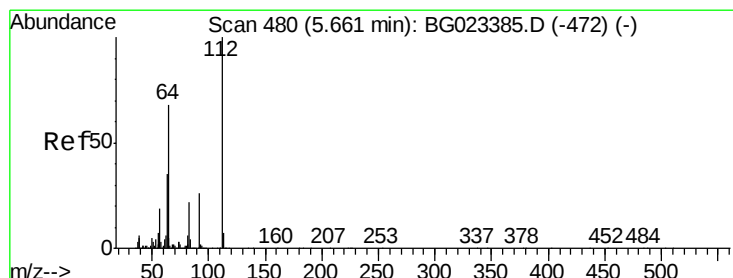
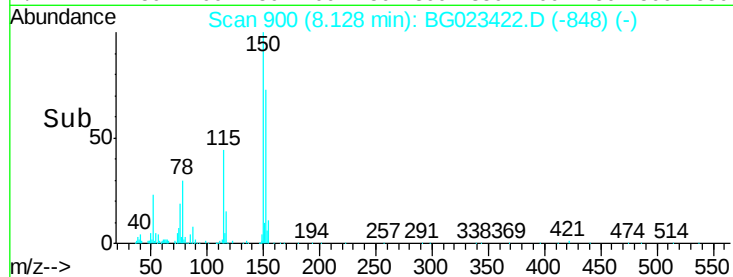
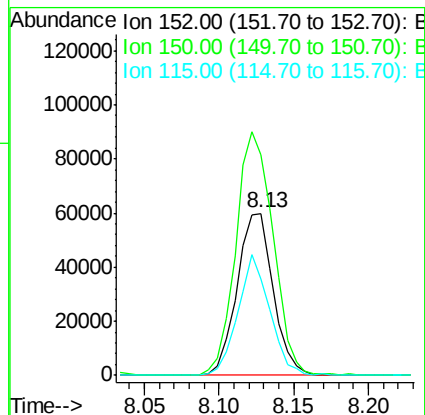
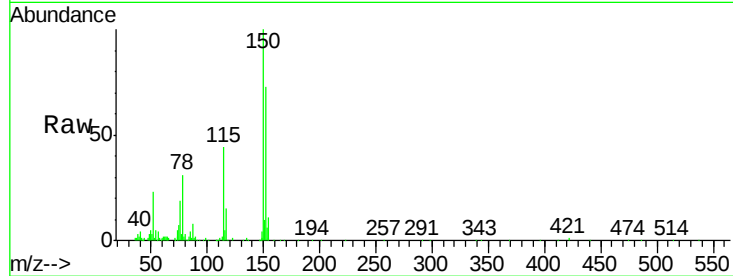
ClientSampleId :

9524

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.1	144.7	217.1#
115	59.5	64.0	96.0#

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#5

2-Fluorophenol

Concen: 56.96 ng

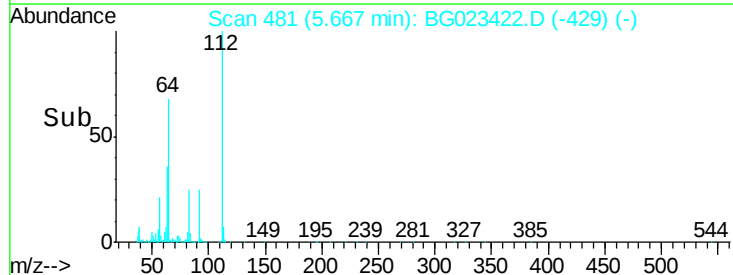
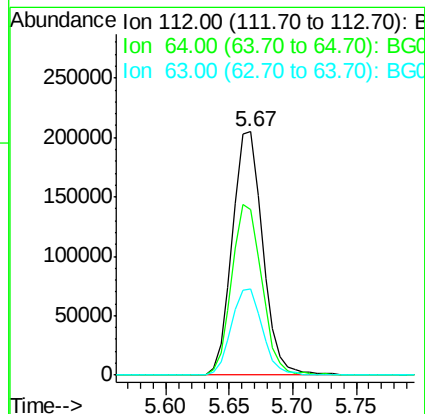
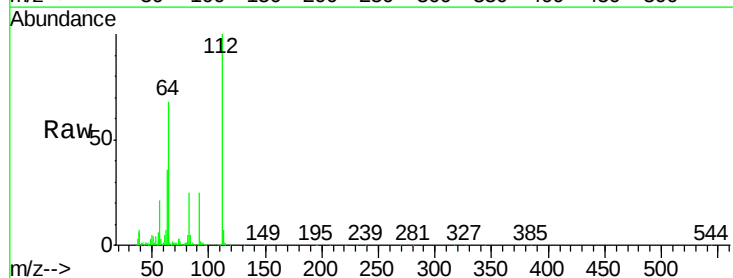
RT: 5.67 min Scan# 481

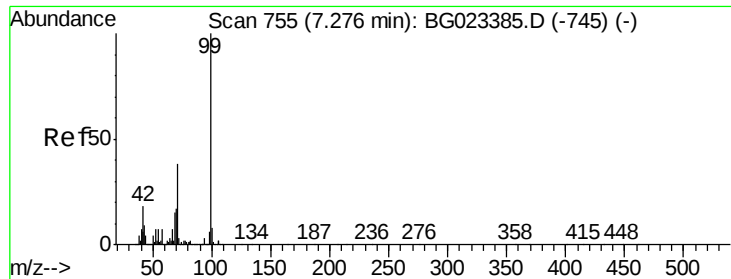
Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	59.0	88.4
63	35.5	37.8	56.8#





#7

Phenol-d6

Concen: 59.23 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

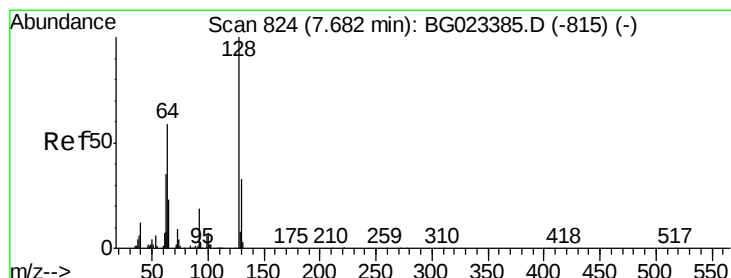
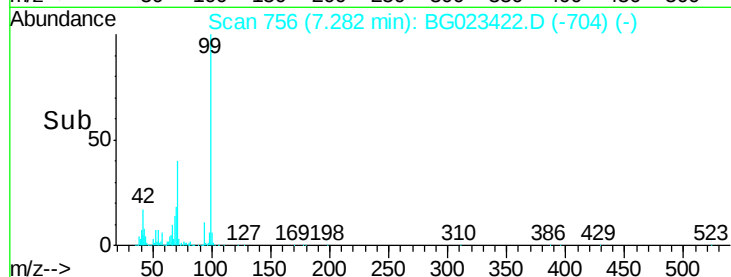
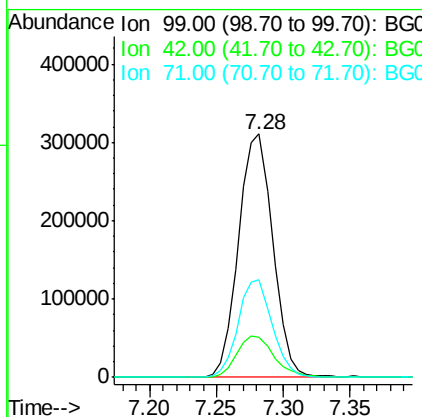
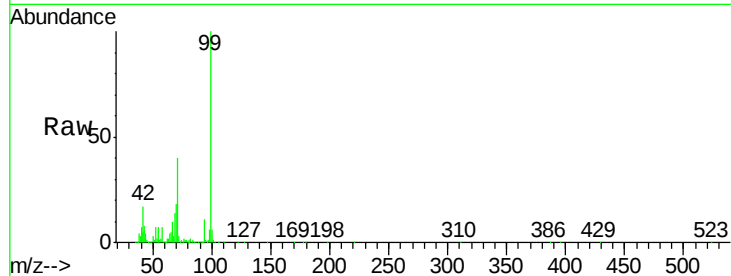
ClientSampleId :

9524

Tot Ion:	99	Resp:	550916
Ion Ratio	Lower	Upper	
99	100		
42	16.6	17.8	26.6#
71	40.0	41.5	62.3#

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#8

2-Chlorophenol

Concen: 18.97 ng

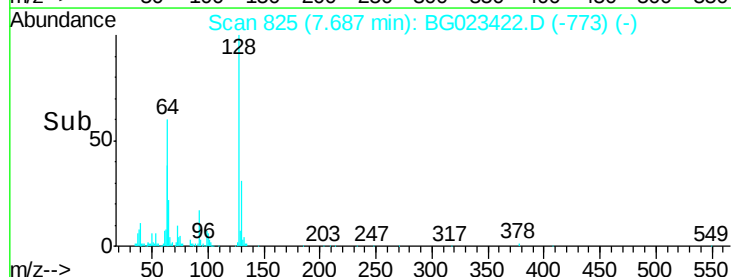
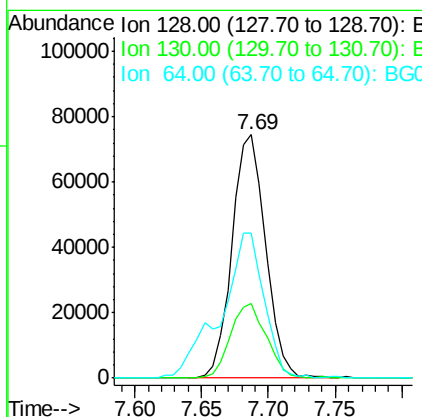
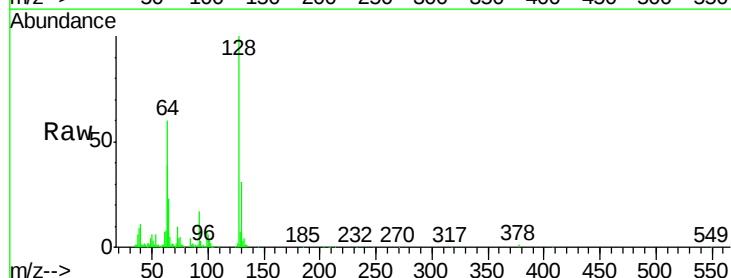
RT: 7.69 min Scan# 825

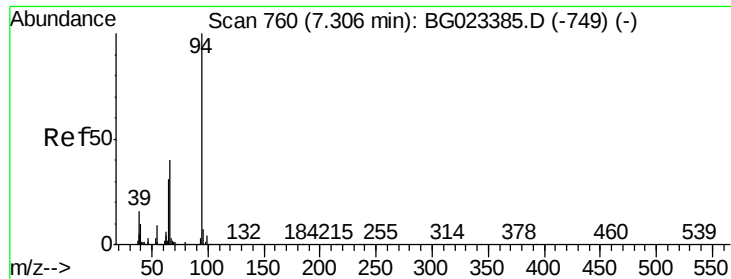
Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	128	Resp:	130139
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.9	52.9
64	59.7	42.0	82.0





#10

Phenol

Concen: 68.78 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

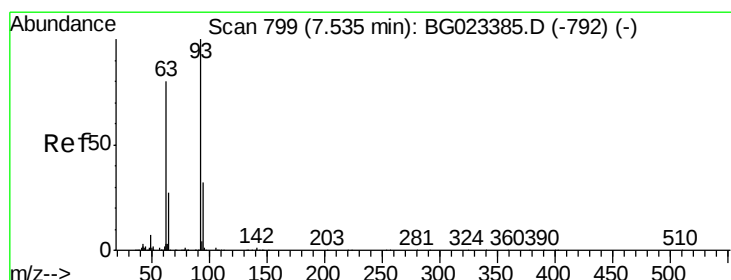
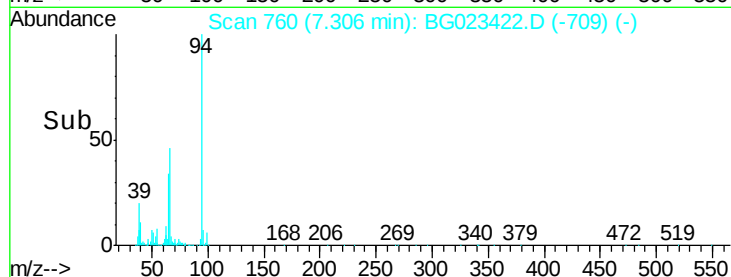
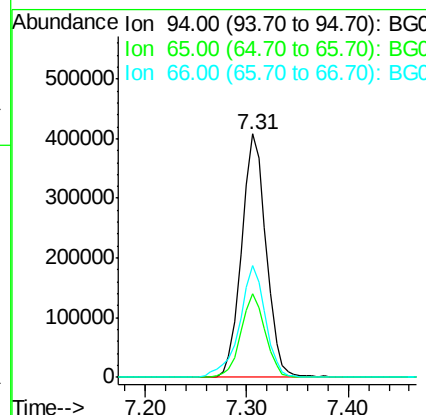
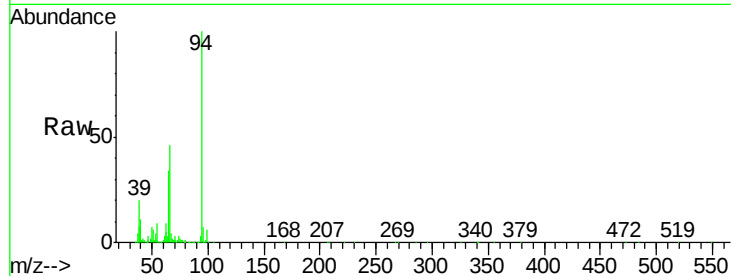
ClientSampled :

9524

Tot Ion:	94	Resp:	684366
Ion	Ratio	Lower	Upper
94	100		
65	34.2	18.1	58.1
66	46.1	42.1	82.1

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#11

bis(2-Chloroethyl)ether

Concen: 27.60 ng

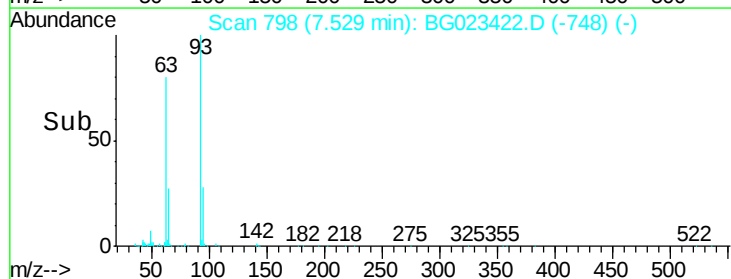
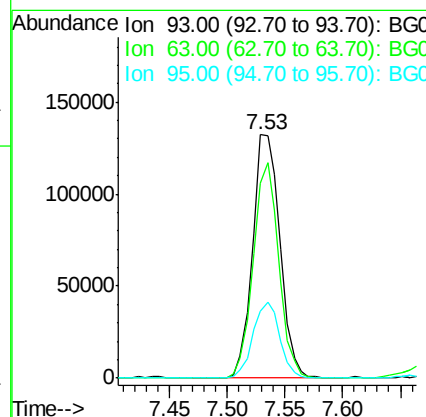
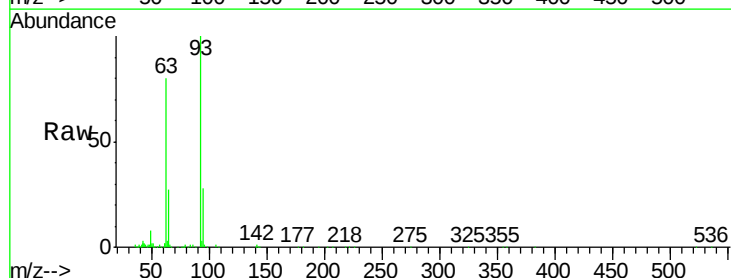
RT: 7.53 min Scan# 798

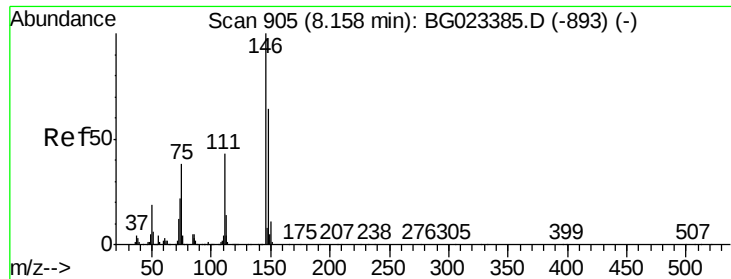
Delta R.T. -0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	93	Resp:	219100
Ion	Ratio	Lower	Upper
93	100		
63	80.0	55.0	95.0
95	27.7	11.0	51.0





#12

1,3-Dichlorobenzene

Concen: 17.06 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

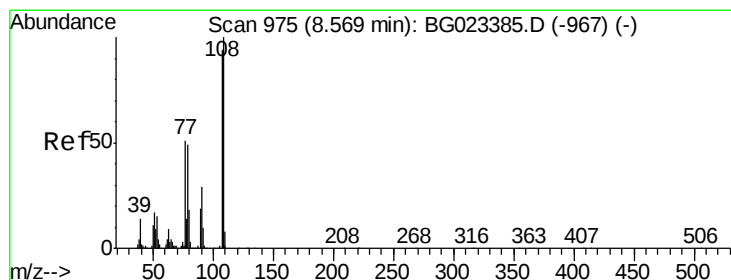
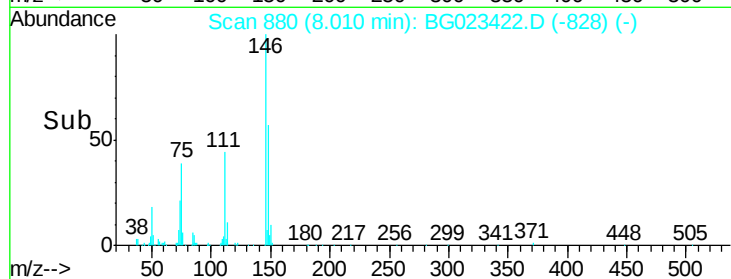
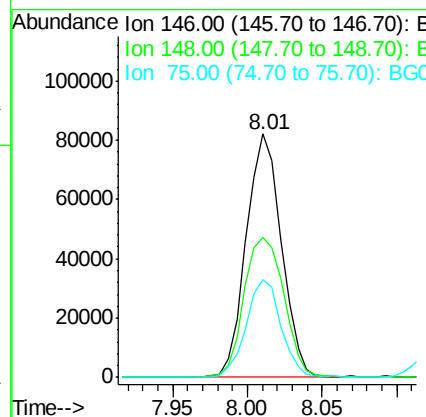
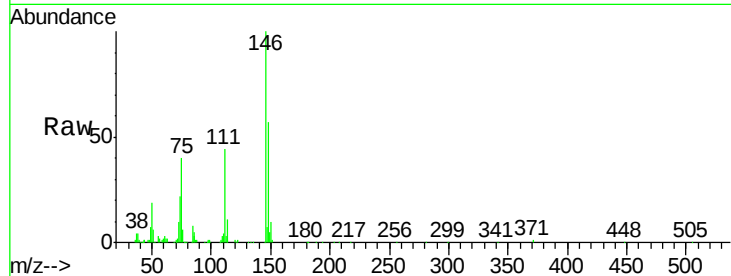
ClientSampled :

9524

Tot Ion:	146	Resp:	134039
Ion Ratio	Lower	Upper	
146	100		
148	57.3	50.3	75.5
75	40.4	37.0	55.6

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#17

2-Methylphenol

Concen: 53.80 ng

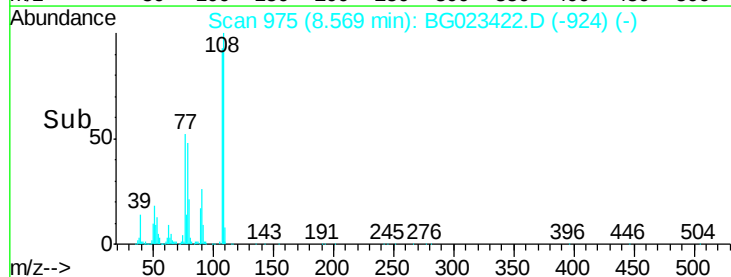
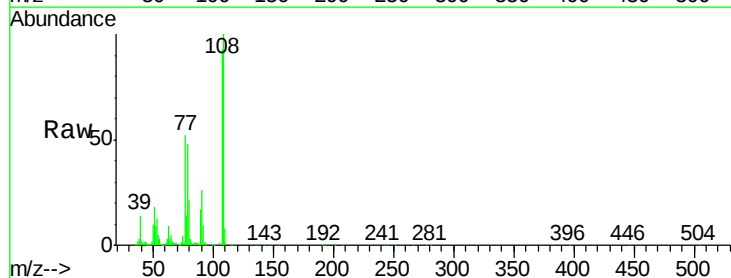
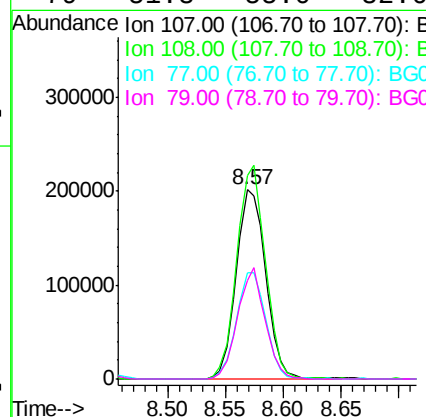
RT: 8.57 min Scan# 975

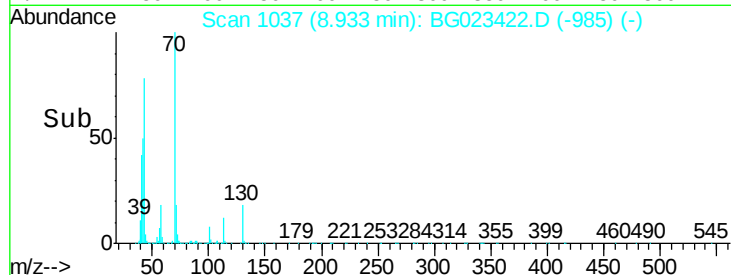
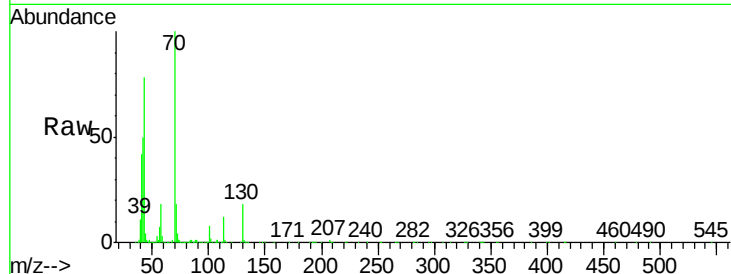
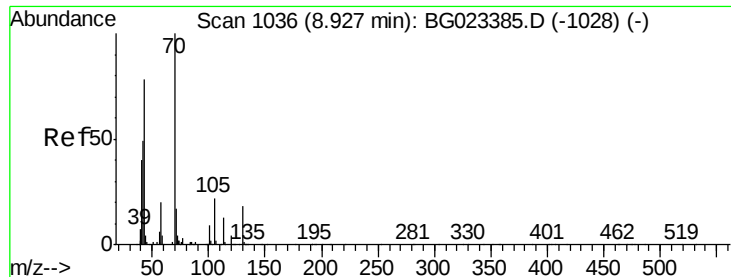
Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	107	Resp:	358885
Ion Ratio	Lower	Upper	
107	100		
108	107.7	92.0	138.0
77	55.8	55.8	83.6
79	51.8	55.0	82.6#





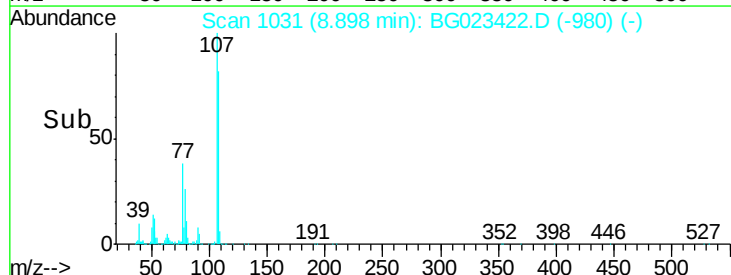
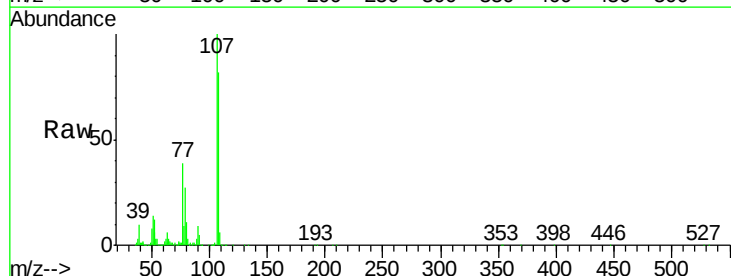
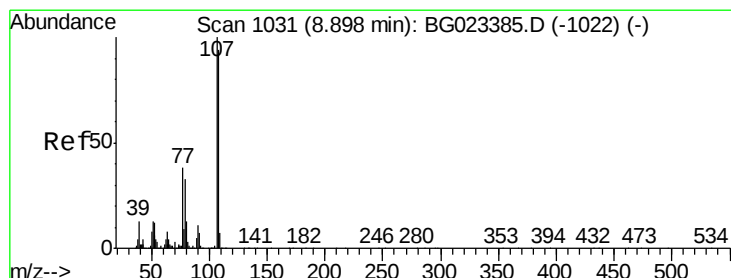
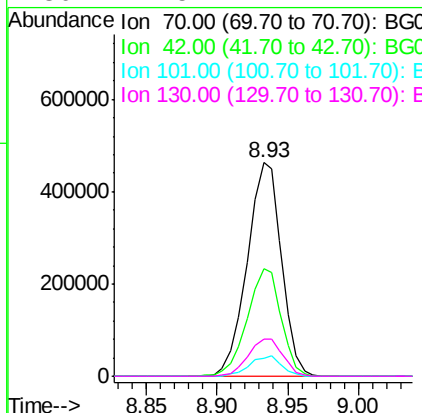
#19
n-Nitroso-di-n-propylamine
Concen: 98.28 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.3	42.1	63.1
101	8.4	7.2	10.8
130	17.5	14.2	21.2

Instrument :
BNA_G
ClientSampleId :
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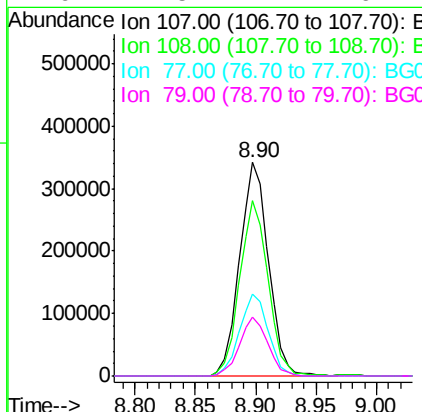
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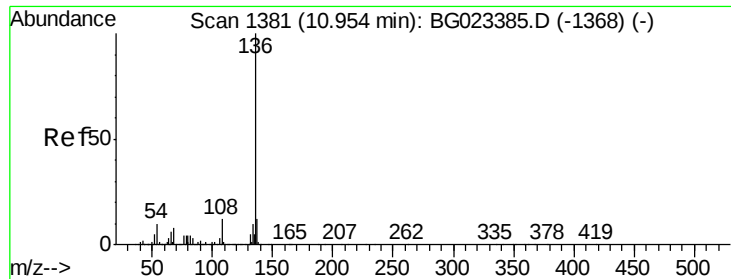
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#20
3+4-Methylphenols
Concen: 60.72 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.4	72.5	112.5
77	38.6	30.1	70.1
79	27.5	24.2	64.2





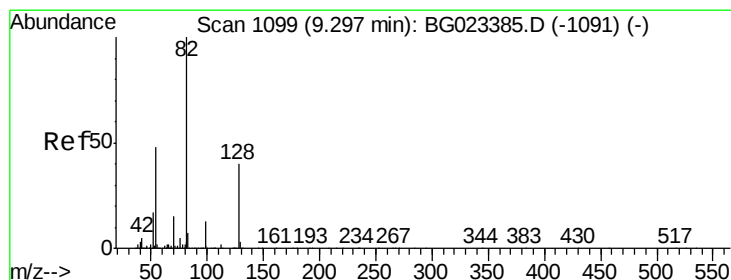
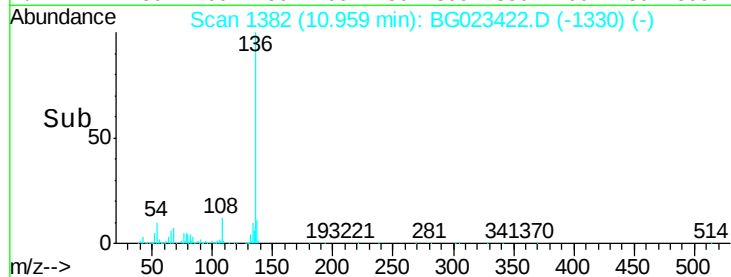
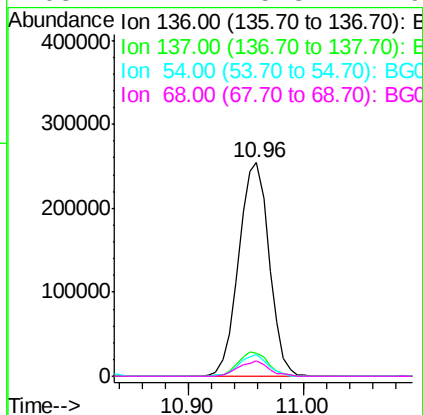
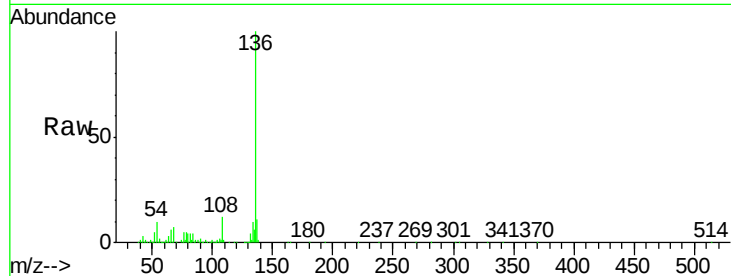
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		464885		
137	11.0	9.6	14.4		
54	10.1	7.3	10.9		
68	7.4	5.3	7.9		

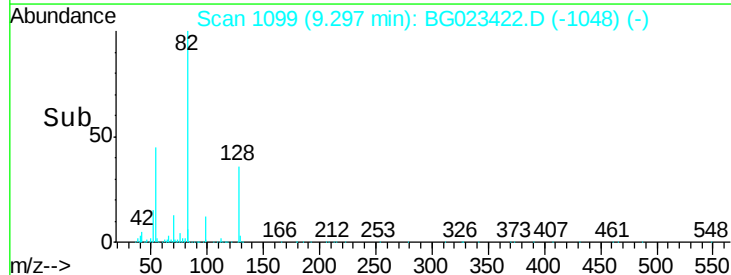
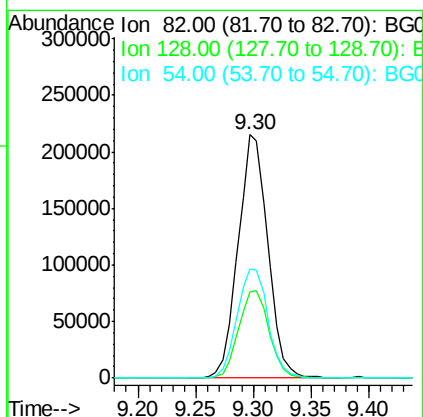
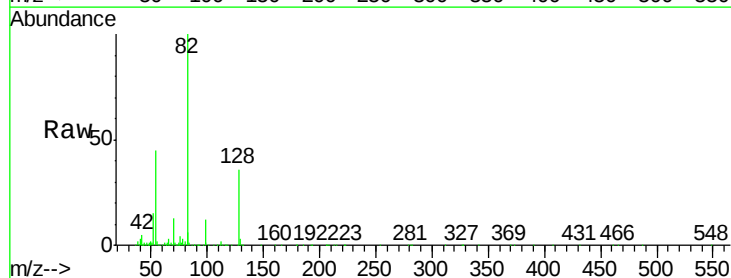
Manual Integrations
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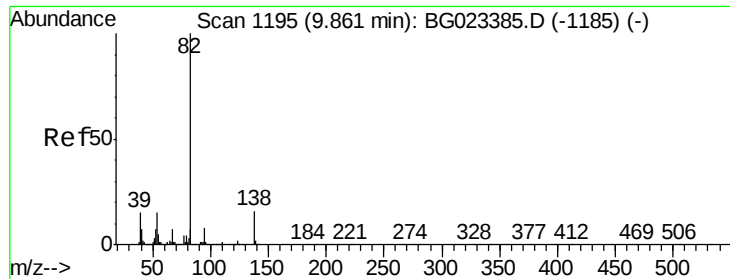
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#23
Nitrobenzene-d5
Concen: 41.05 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		383854		
128	35.5	24.4	36.6		
54	44.6	41.4	62.0		





#25

Isophorone

Concen: 88.20 ng

RT: 9.87 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

ClientSampleId :

9524

Tot Ion: 82 Resp: 1717952

Ion Ratio Lower Upper

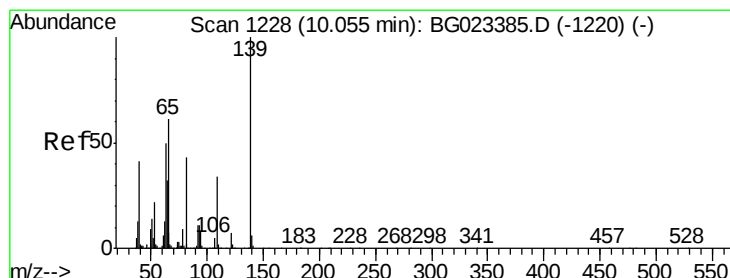
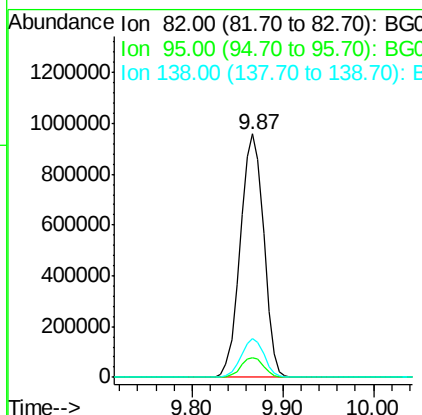
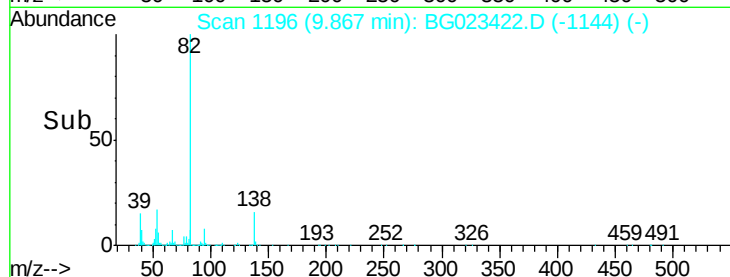
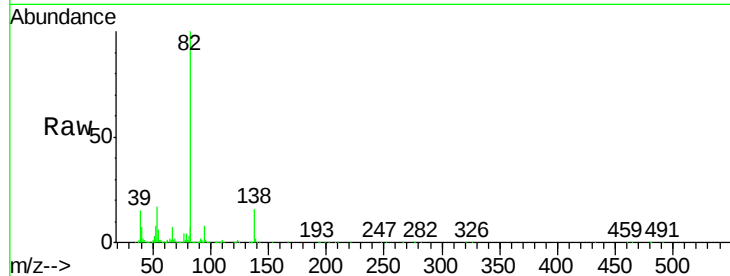
82 100

95 8.0 8.2 12.2#

138 16.1 10.7 16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 69.00 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

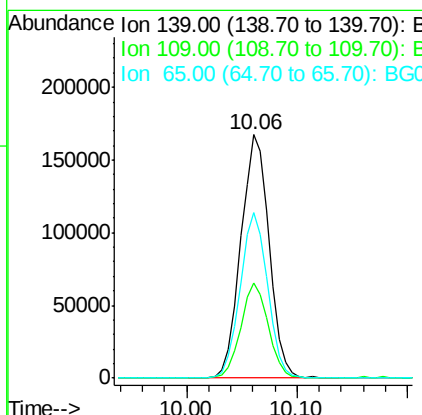
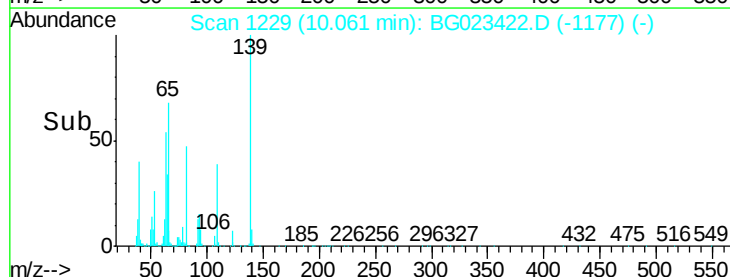
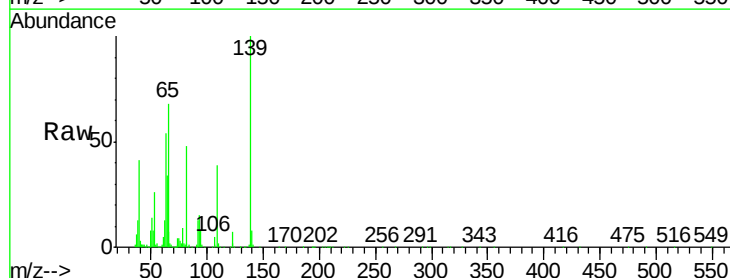
Tgt Ion: 139 Resp: 301551

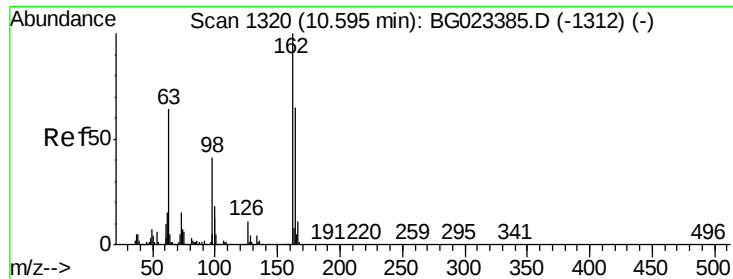
Ion Ratio Lower Upper

139 100

109 38.9 43.5 65.3#

65 67.9 64.3 96.5





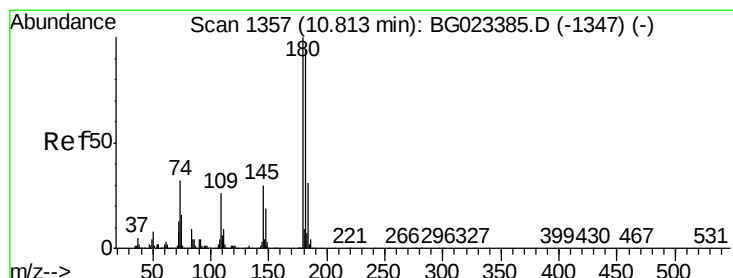
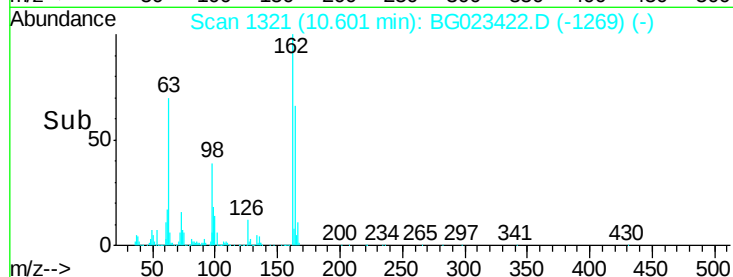
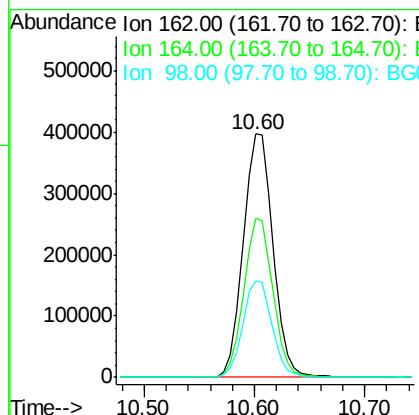
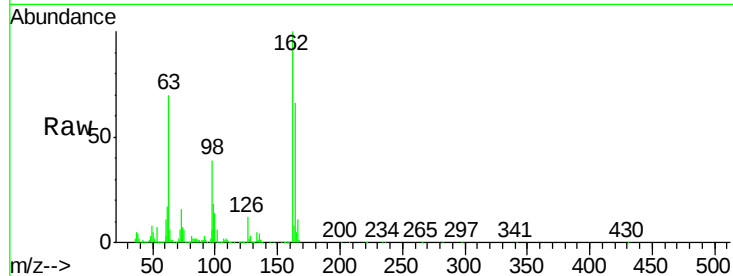
#29
 2,4-Dichlorophenol
 Concen: 100.53 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BG023422.D
 Acq: 3 Aug 2016 12:19

Instrument :
 BNA_G
 ClientSampled :
 9524

Tot Ion:	162	Resp:	752247
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.3	84.3
98	39.4	19.5	59.5

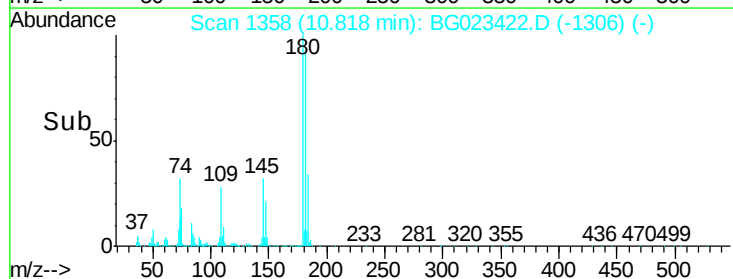
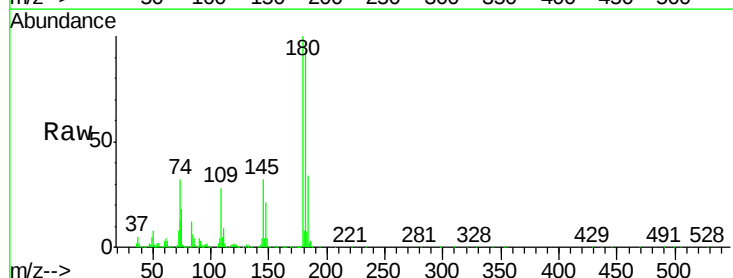
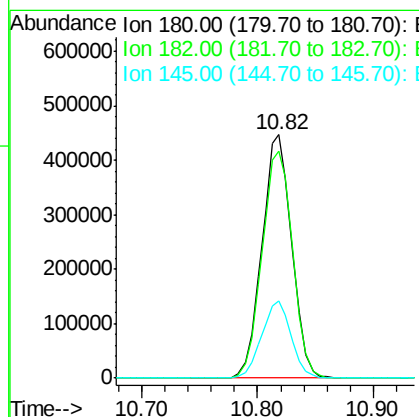
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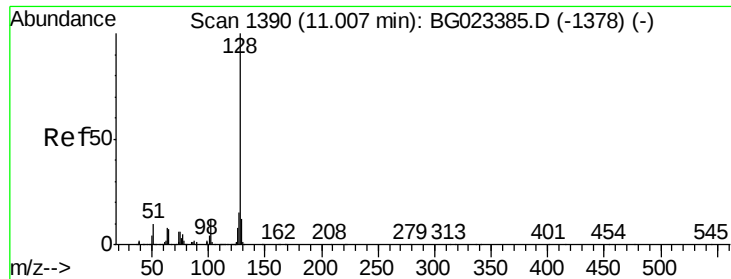
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#30
 1,2,4-Trichlorobenzene
 Concen: 99.19 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BG023422.D
 Acq: 3 Aug 2016 12:19

Tgt Ion:	180	Resp:	800391
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.8	110.8
145	32.0	24.4	36.6





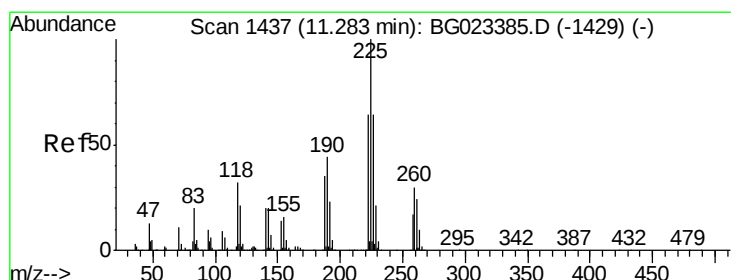
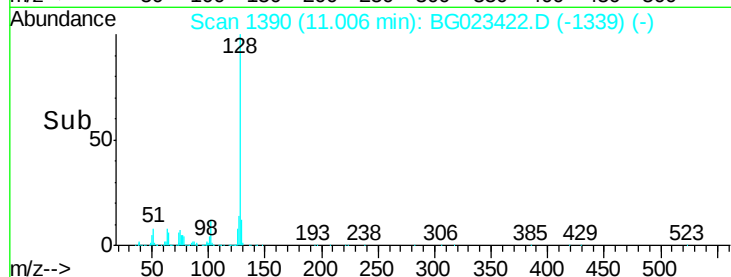
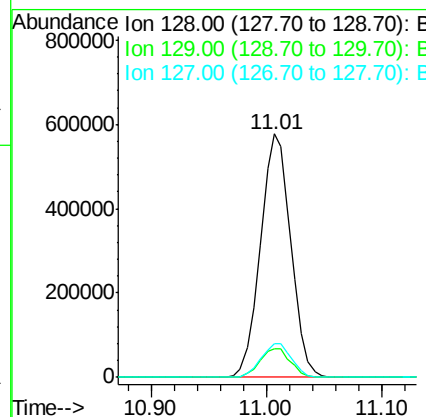
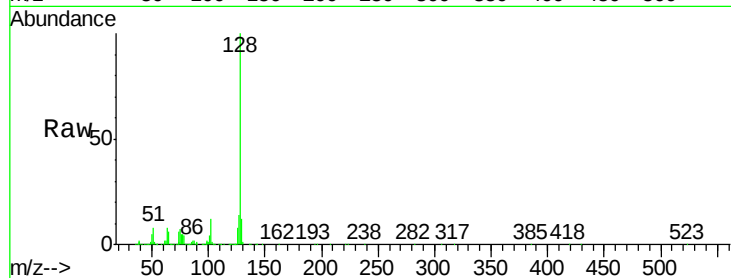
#31
Naphthalene
Concen: 44.58 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.7	11.3	16.9

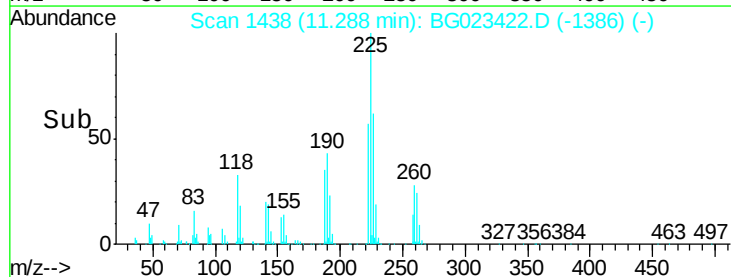
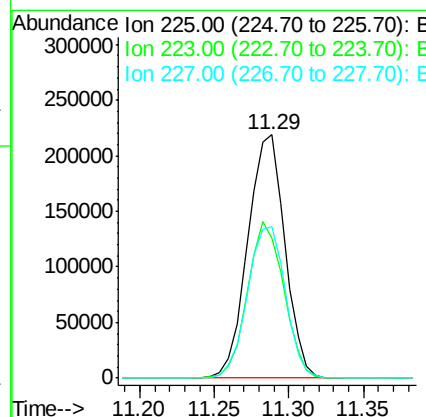
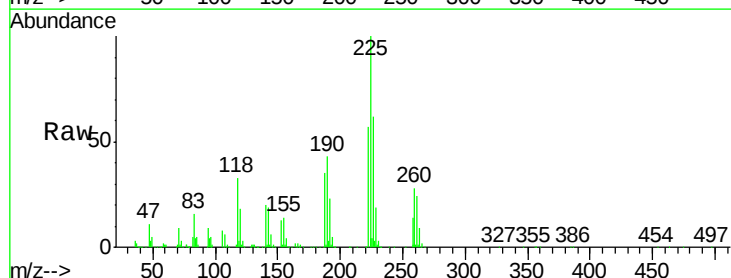
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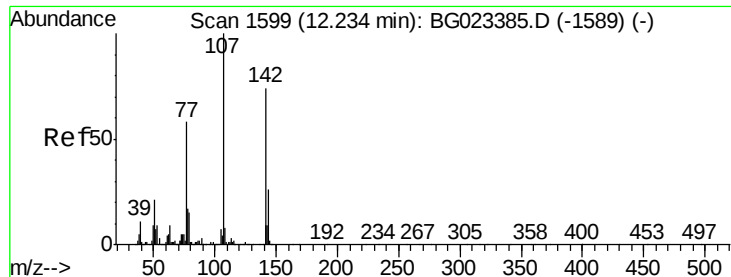
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#34
Hexachlorobutadiene
Concen: 70.63 ng
RT: 11.29 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.5	49.6	74.4
227	62.3	54.5	81.7





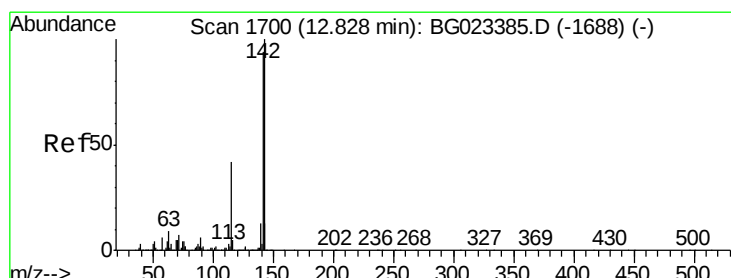
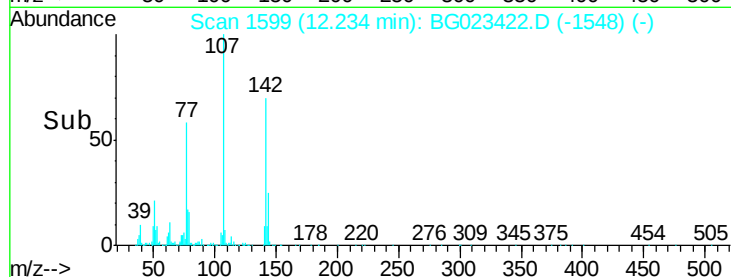
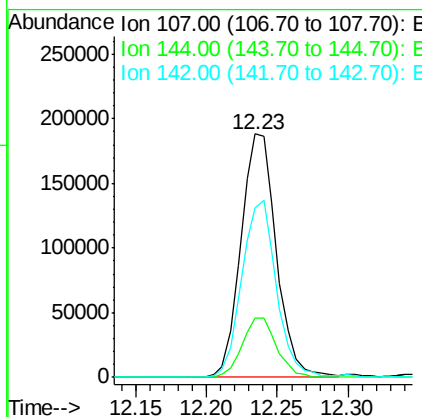
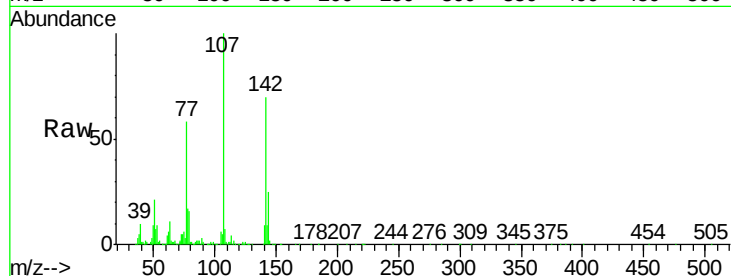
#36
4-Chloro-3-methylphenol
Concen: 33.59 ng
RT: 12.23 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampled :
9524

Tot Ion	Ratio	Resp	Lower	Upper
107	100	330176		
144	24.6	17.0	25.6	
142	69.8	53.0	79.6	

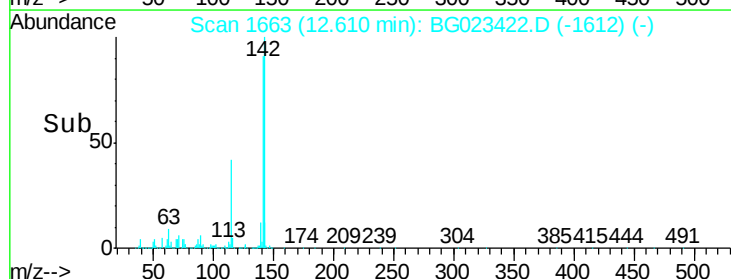
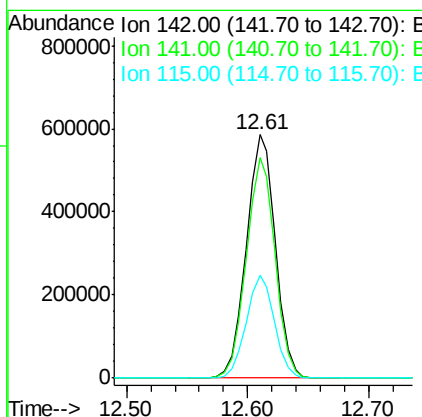
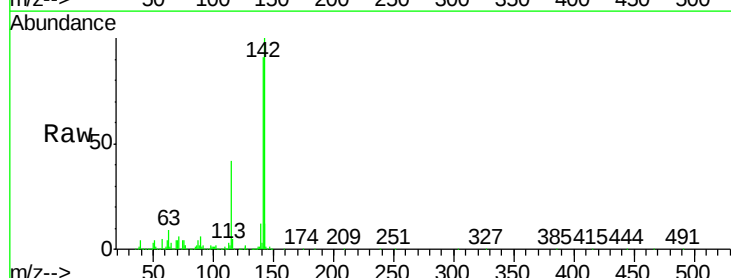
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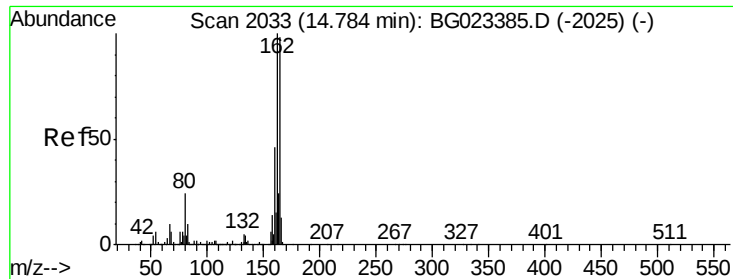
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#37
2-Methylnaphthalene
Concen: 54.22 ng
RT: 12.61 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	975857		
141	90.6	70.2	105.2	
115	42.4	41.7	62.5	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

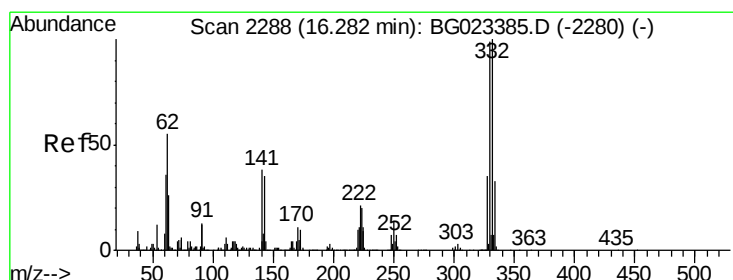
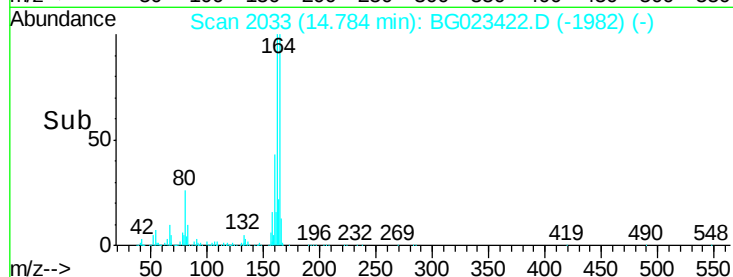
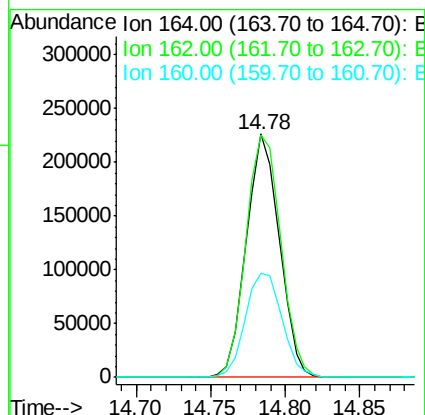
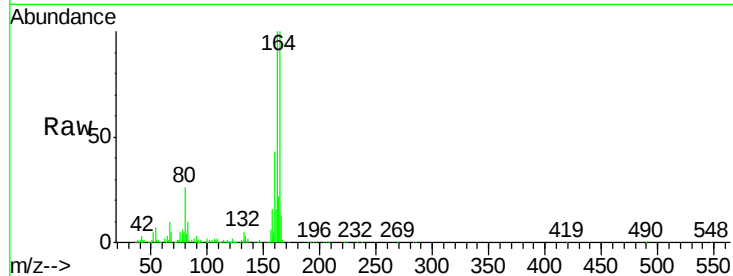
ClientSampleId :

9524

Tot Ion:	164	Resp:	347164
Ion Ratio	Lower	Upper	
164	100		
162	99.5	87.7	131.5
160	42.7	37.2	55.8

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#41

2,4,6-Tribromophenol

Concen: 100.46 ng

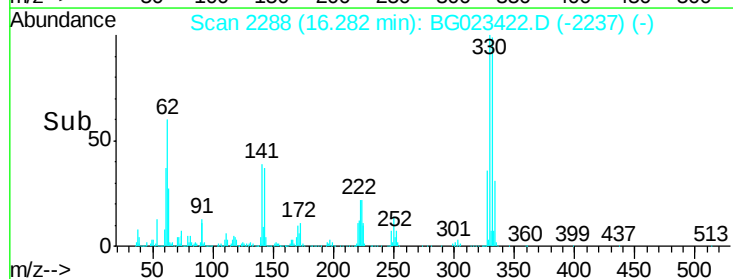
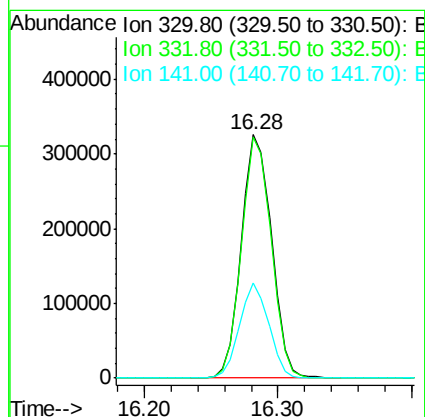
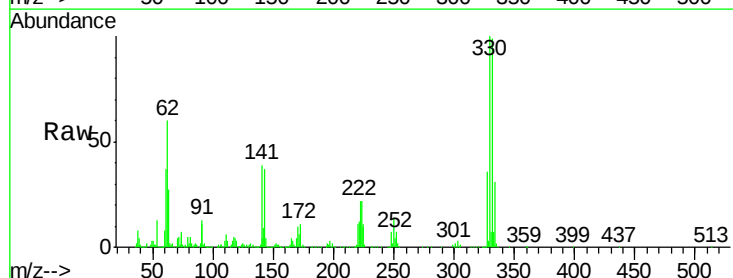
RT: 16.28 min Scan# 2288

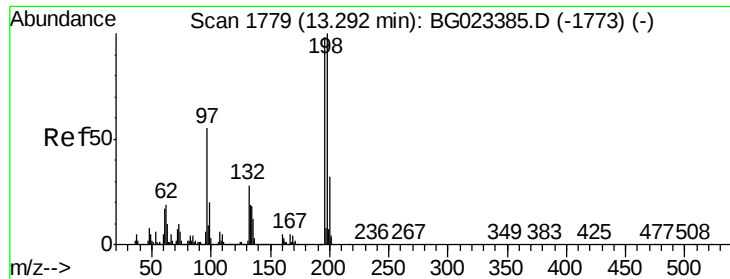
Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	330	Resp:	510138
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	37.9	31.7	47.5





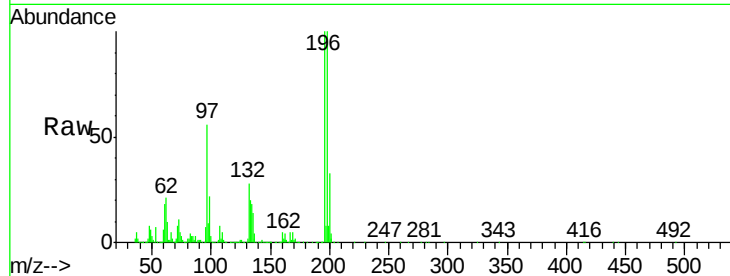
#43
2,4,5-Trichlorophenol
Concen: 89.17 ng
RT: 13.29 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Resp	Lower	Upper
196	100	688444		
198	100.0	85.7	128.5	
97	55.9	45.5	68.3	
132	27.8	18.9	28.3	

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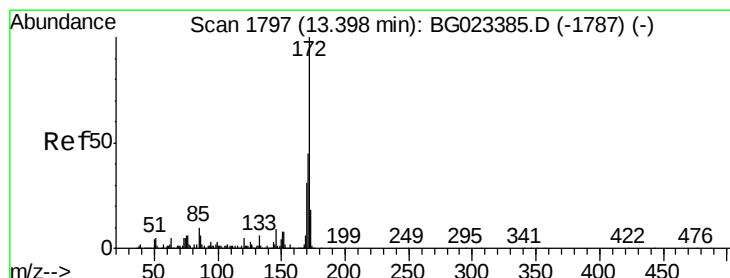
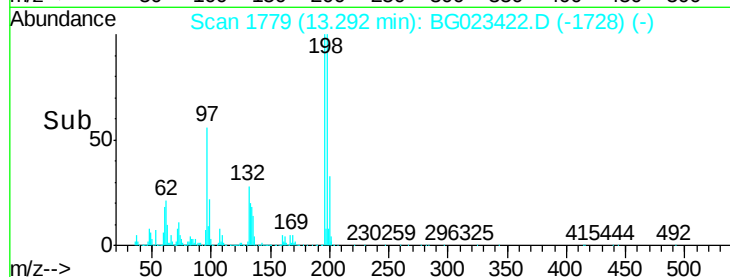
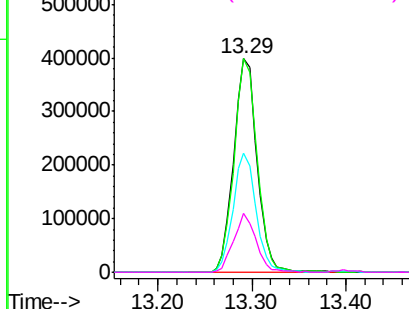
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 54.07 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

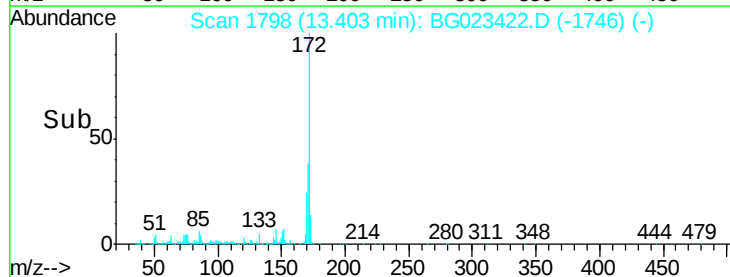
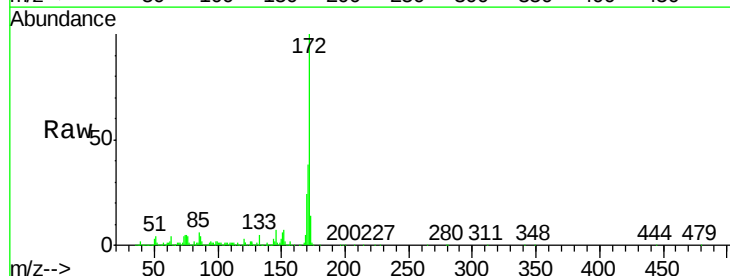
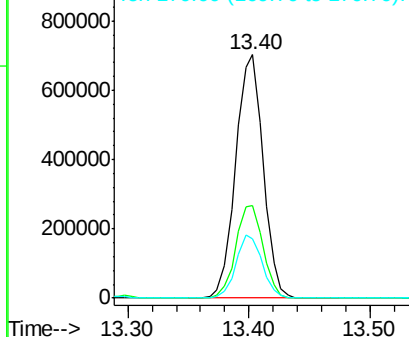
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1112939		
171	37.8	31.6	47.4	
170	24.1	21.3	31.9	

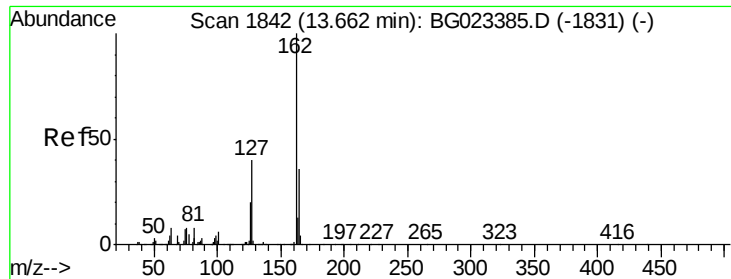
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





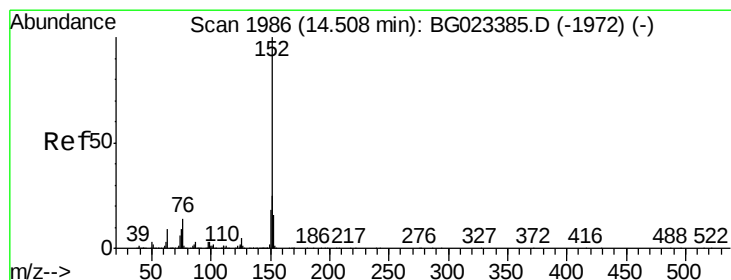
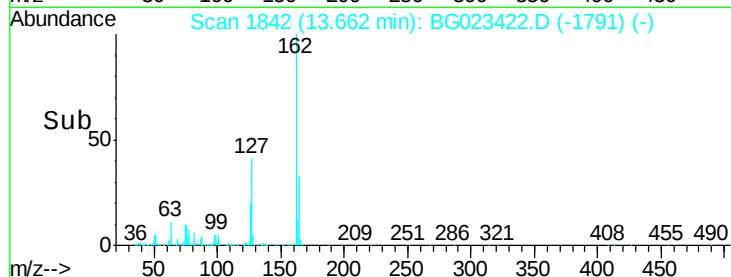
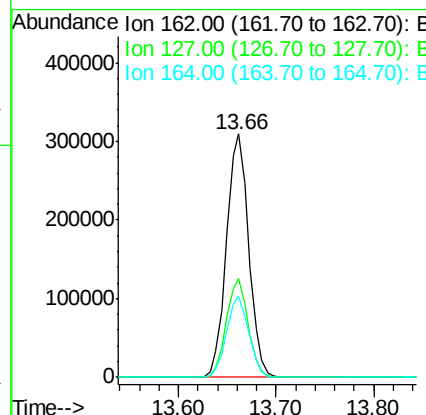
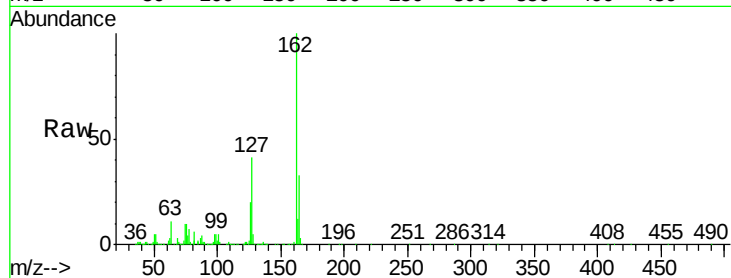
#46
2-Chloronaphthalene
Concen: 23.74 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	33.3	25.2	37.8

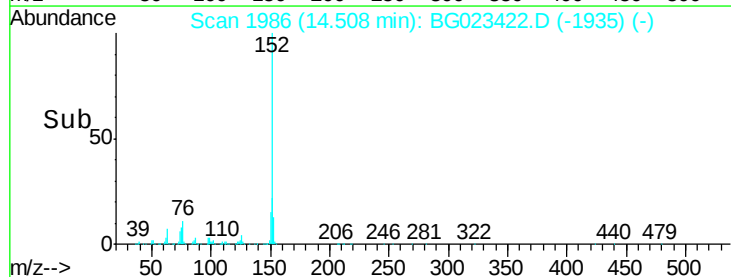
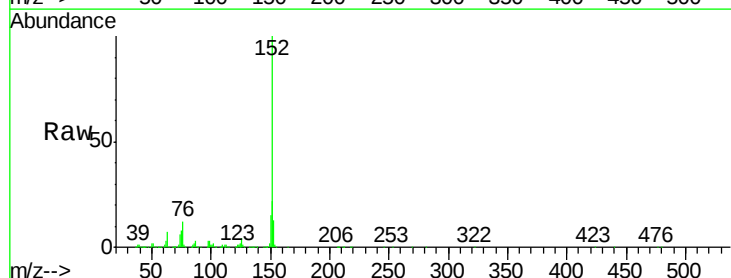
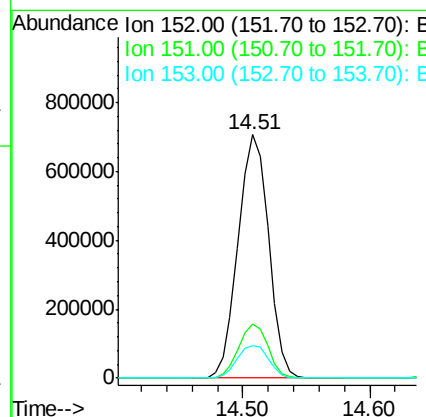
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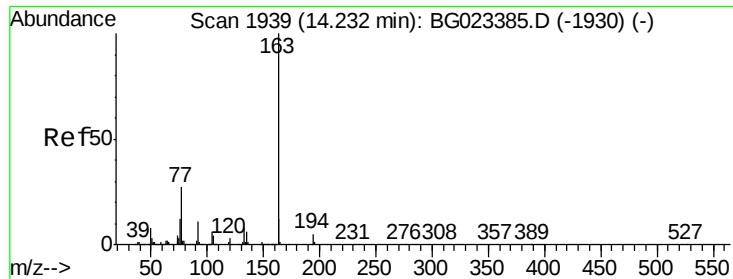
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#48
Acenaphthylene
Concen: 36.17 ng
RT: 14.51 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.6	26.4
153	13.2	11.4	17.2





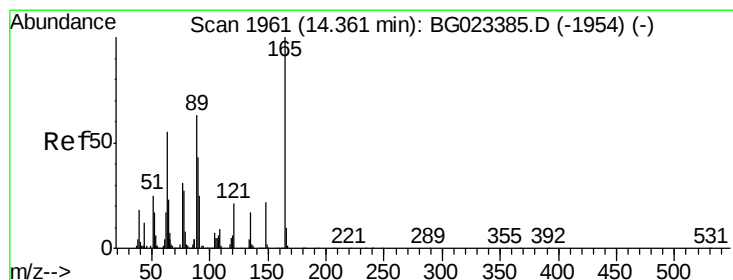
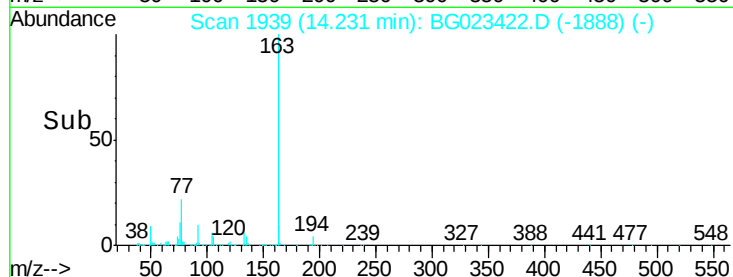
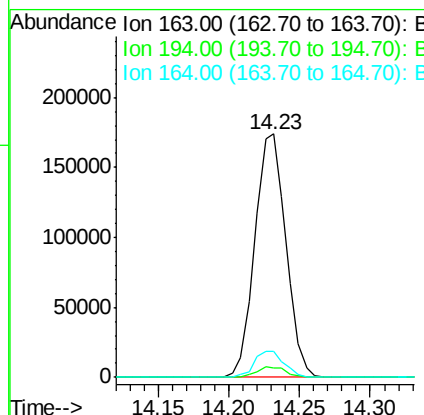
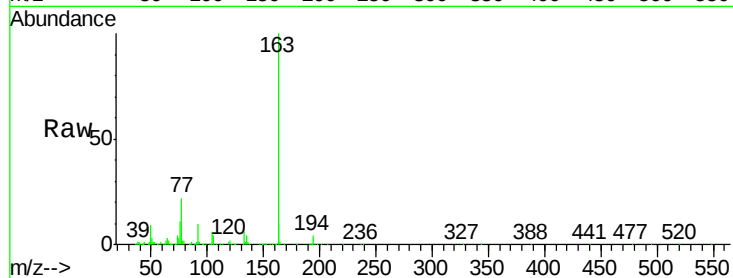
#49
Dimethylphthalate
Concen: 10.10 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion:	163	Resp:	269140
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.6	5.4
164	10.4	8.1	12.1

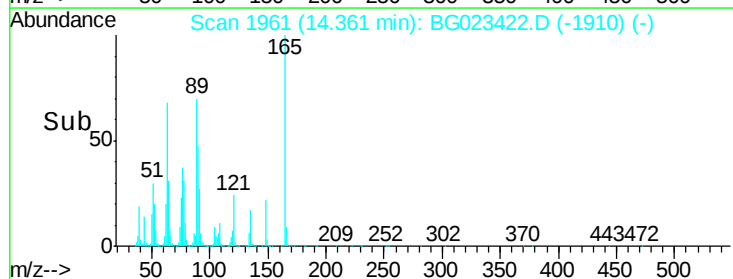
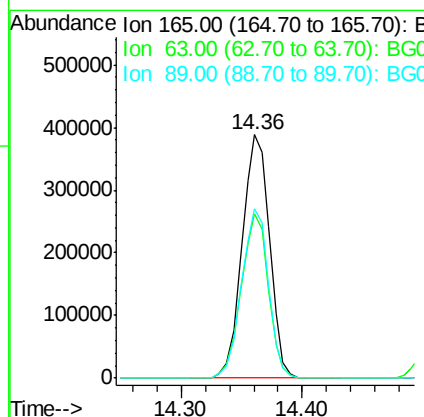
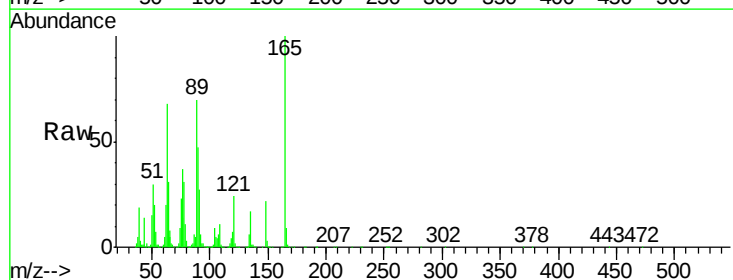
Manual Integrations
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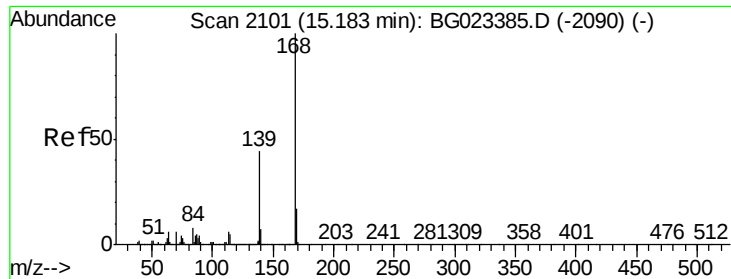
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#50
2,6-Dinitrotoluene
Concen: 97.26 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion:	165	Resp:	613501
Ion Ratio	Lower	Upper	
165	100		
63	67.7	64.3	96.5
89	69.6	64.3	96.5





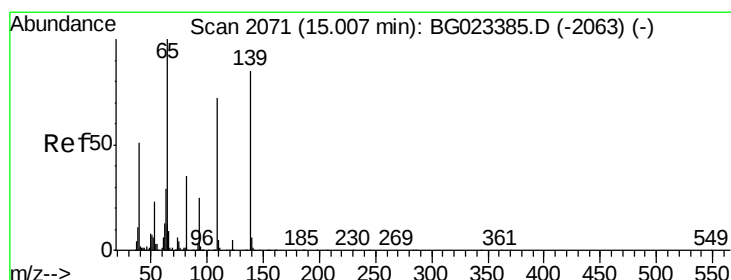
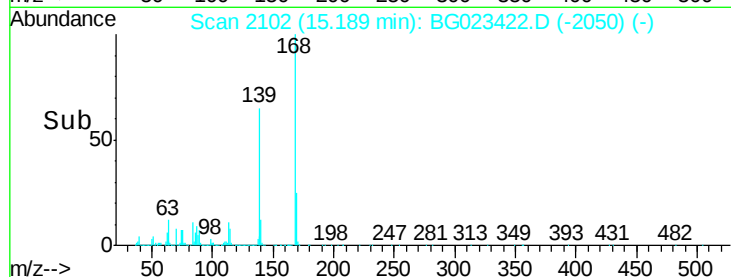
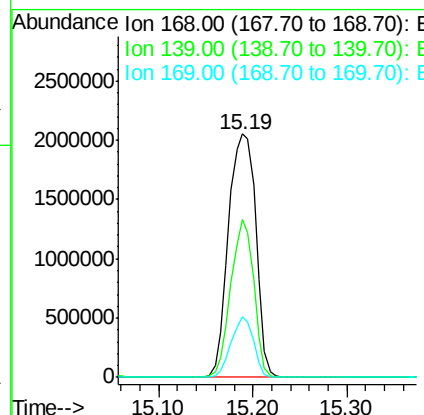
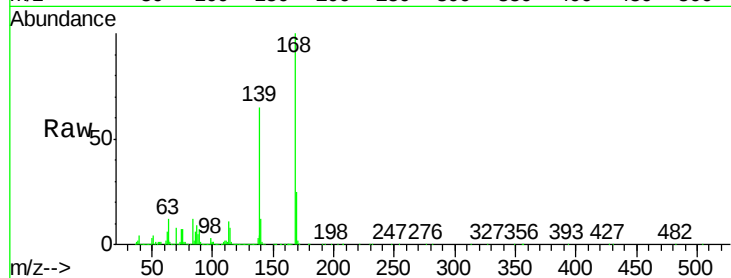
#54
Dibenzenofuran
Concen: 139.04 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampled :
9524

Tot Ion	Ratio	Lower	Upper
168	100		
139	65.0	36.4	54.6#
169	25.0	11.9	17.9#

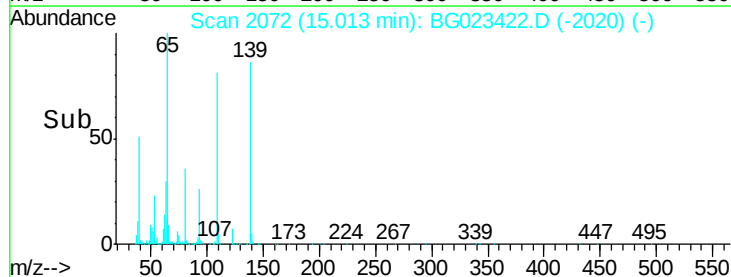
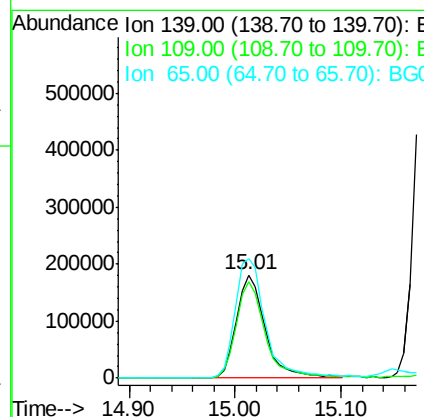
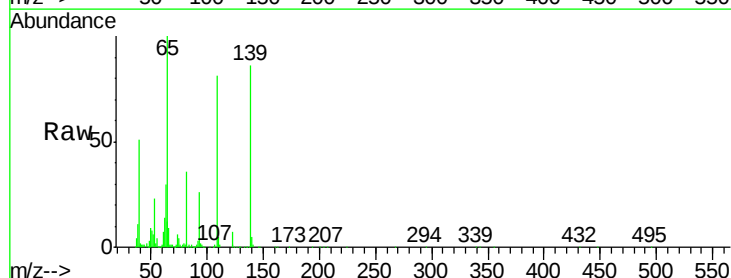
Manual Integrations
APPROVED

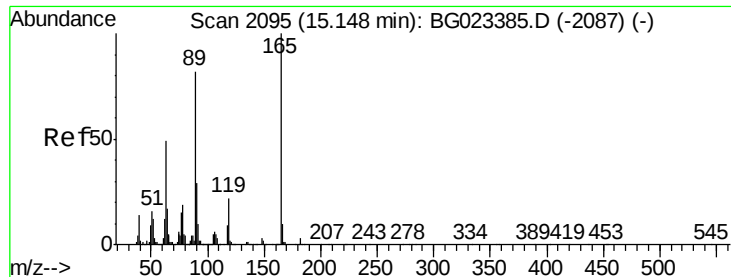
sohil
8/4/2016 6:09:22 PM



#55
4-Nitrophenol
Concen: 61.10 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.0	103.0	143.0#
65	115.9	112.7	152.7





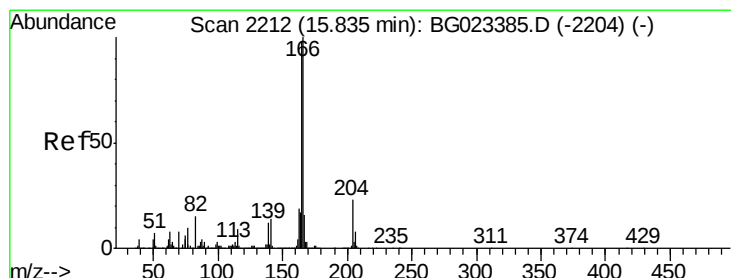
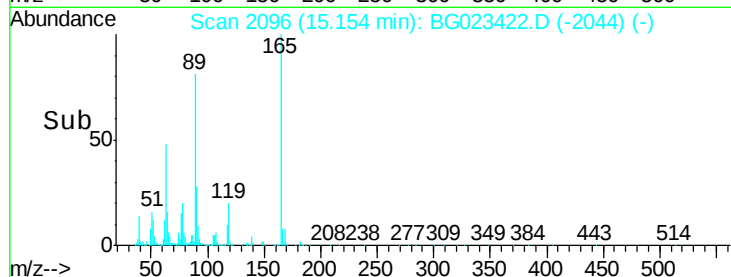
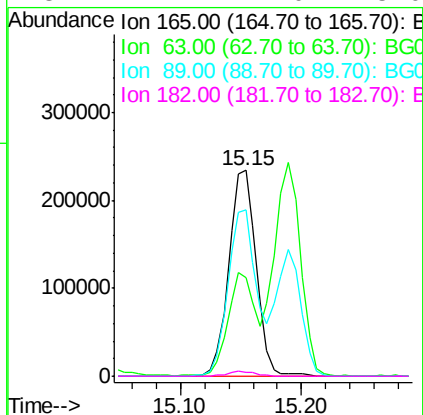
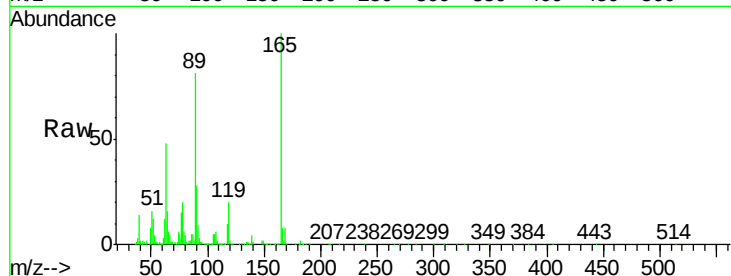
#56
2,4-Dinitrotoluene
Concen: 41.65 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		368694		
63	48.2		45.8	68.6	
89	81.3		68.6	102.8	
182	2.2		2.0	3.0	

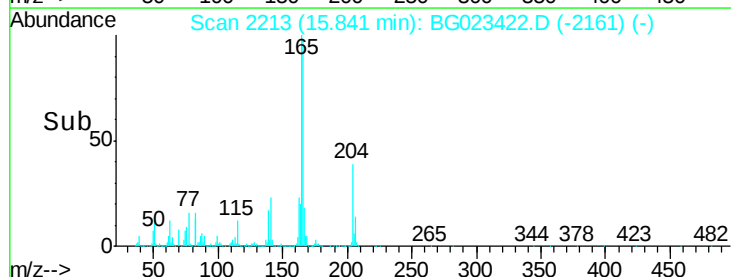
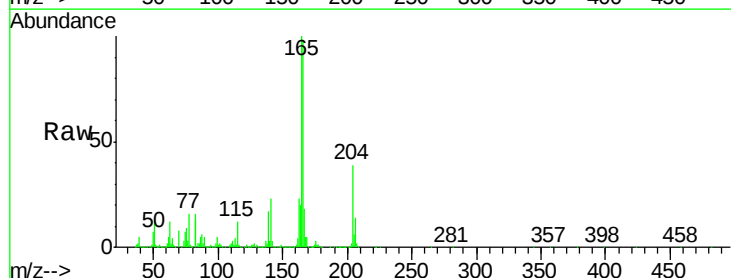
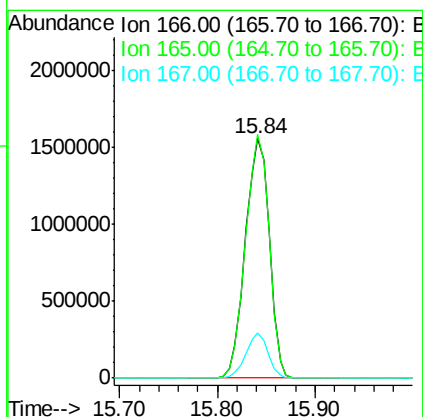
Manual Integrations
APPROVED

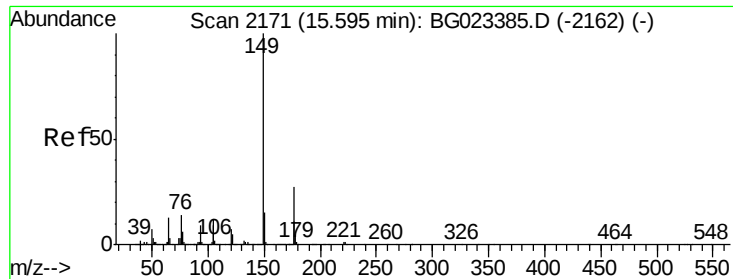
sohil
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#57
Fluorene
Concen: 103.43 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2694155		
165	101.8		81.0	121.6	
167	18.8		12.0	18.0	





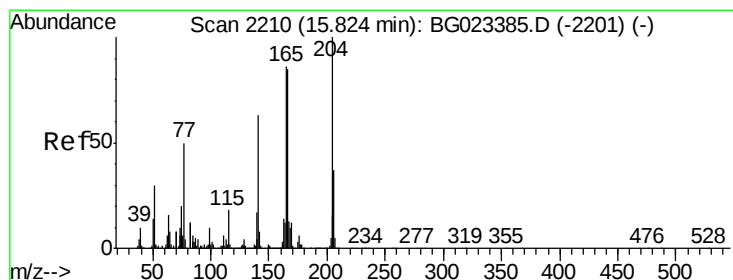
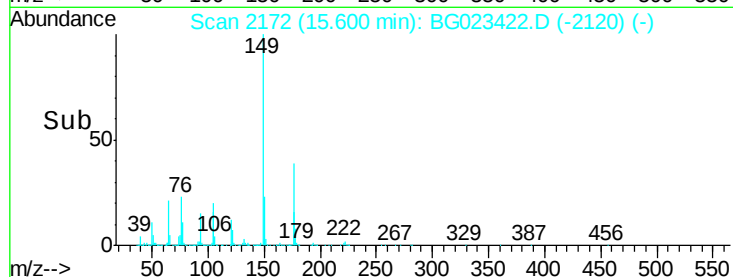
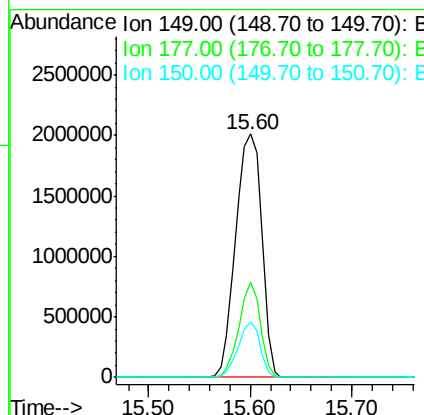
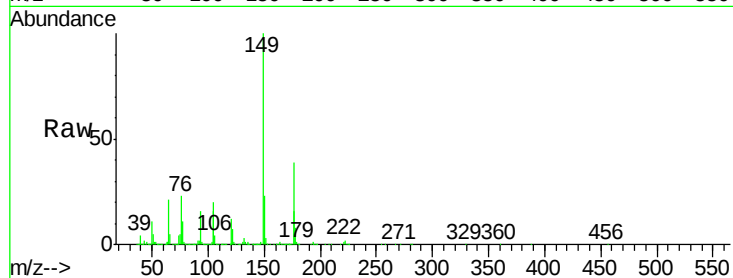
#59
Diethylphthalate
Concen: 133.18 ng
RT: 15.60 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampled :
9524

Tot Ion	Ratio	Lower	Upper
149	100		
177	39.1	19.2	28.8#
150	23.0	10.6	16.0#

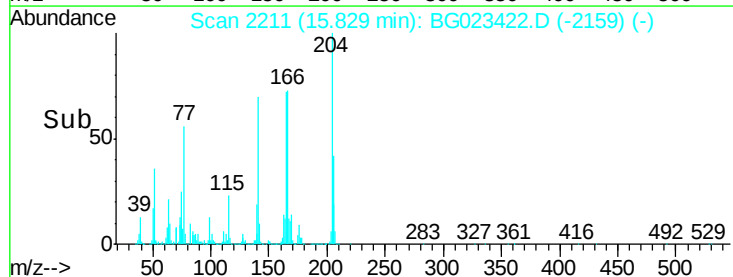
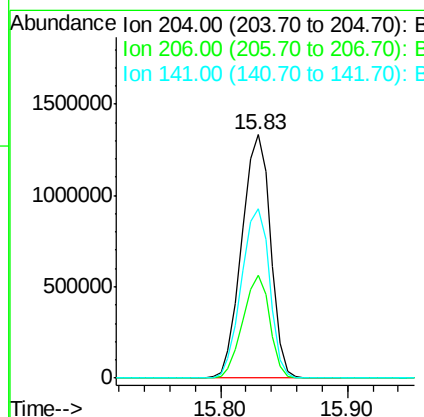
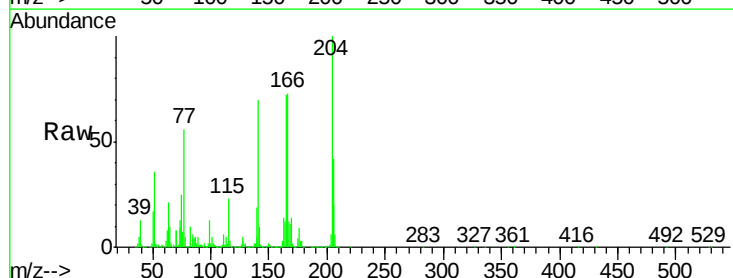
Manual Integrations
APPROVED

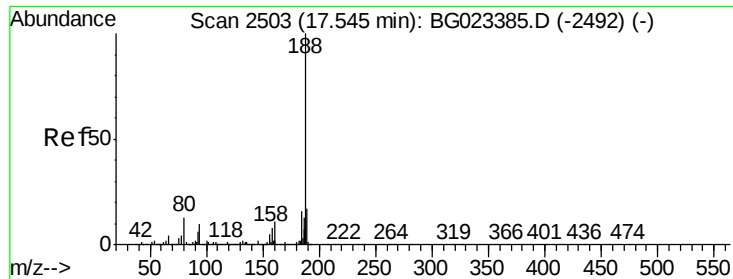
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 151.81 ng
RT: 15.83 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	42.3	28.5	42.7
141	69.7	51.4	77.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

ClientSampleId :

9524

Tot Ion:188 Resp: 873778

Ion Ratio Lower Upper

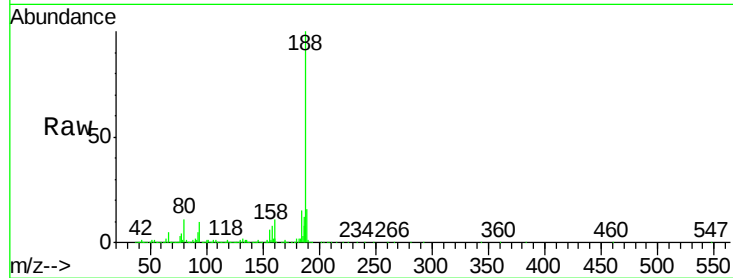
188 100

94 9.5 5.2 7.8#

80 11.2 7.2 10.8#

Manual Integrations
APPROVED

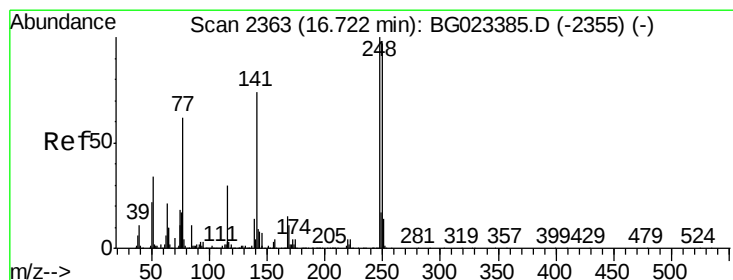
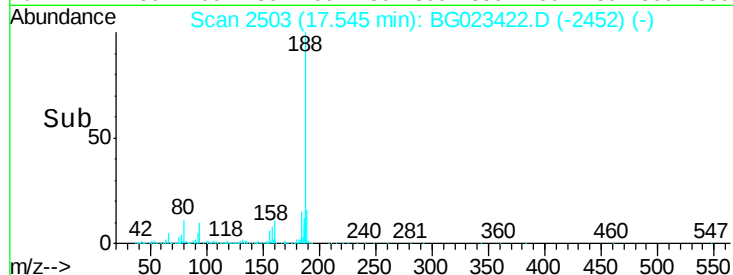
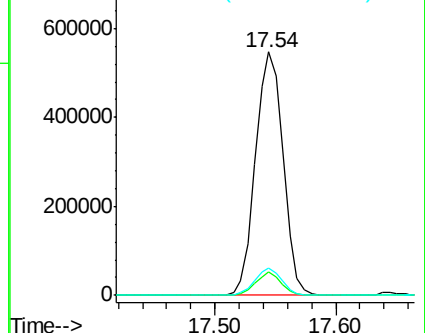
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 49.04 ng

RT: 16.73 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

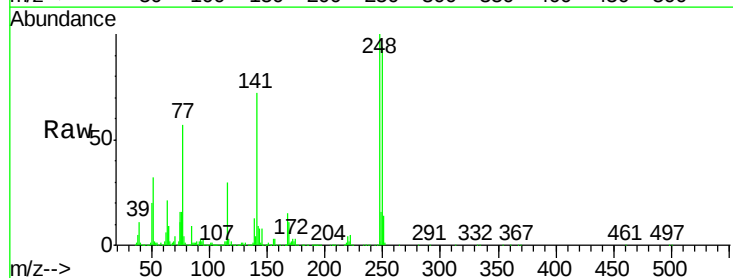
Tgt Ion:248 Resp: 499478

Ion Ratio Lower Upper

248 100

250 94.0 77.8 116.8

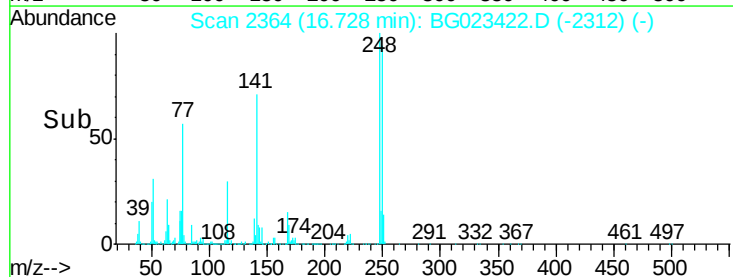
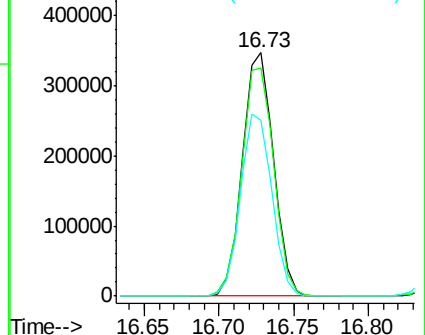
141 72.1 65.7 98.5

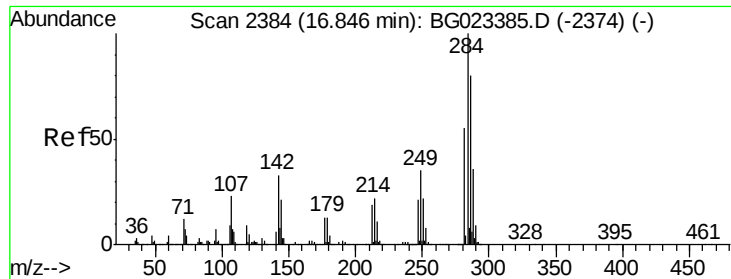


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





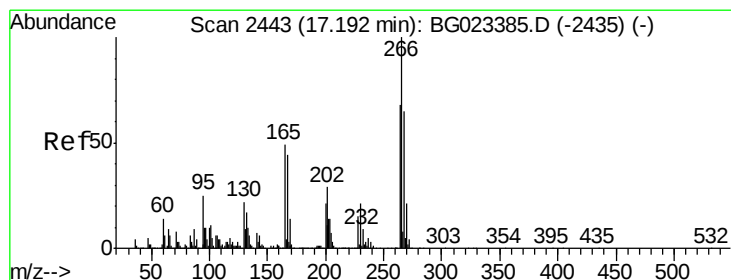
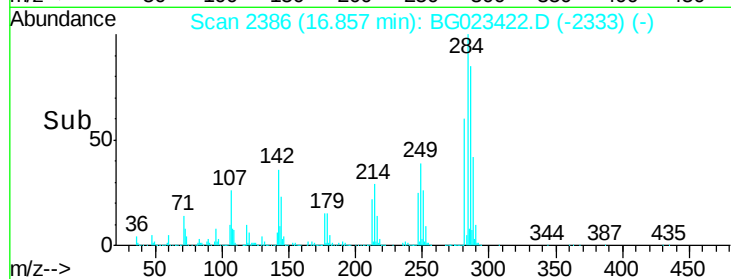
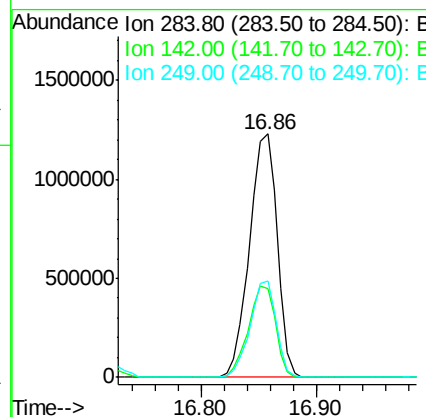
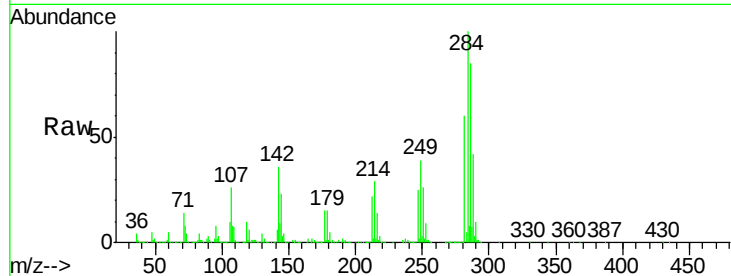
#67
Hexachlorobenzene
Concen: 184.51 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	26.8	40.2
249	39.4	28.9	43.3

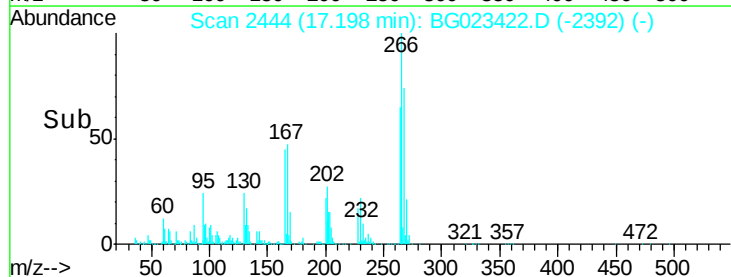
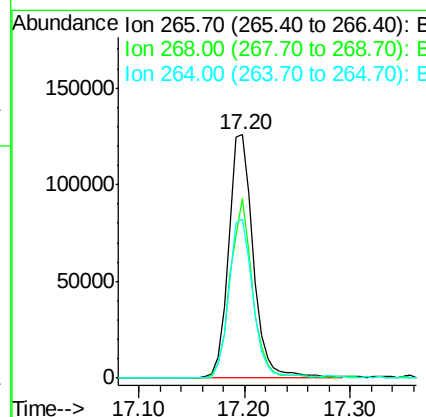
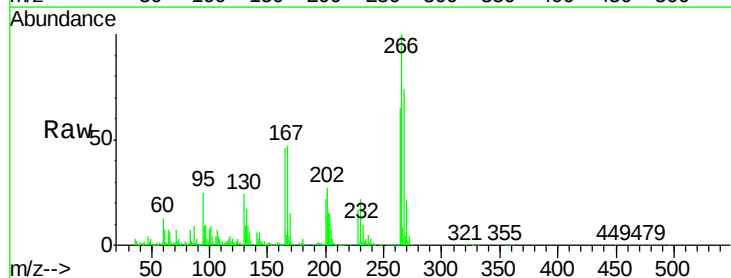
Manual Integrations
APPROVED

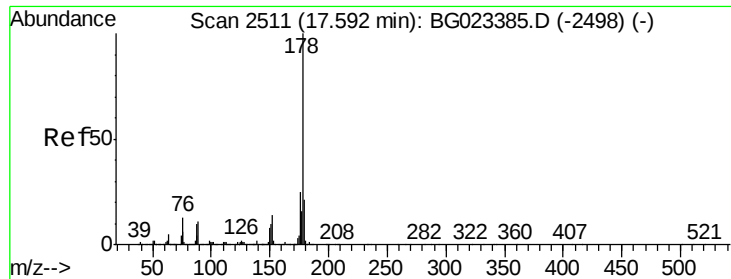
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#69
Pentachlorophenol
Concen: 31.36 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	73.8	51.9	77.9
264	65.3	50.6	75.8





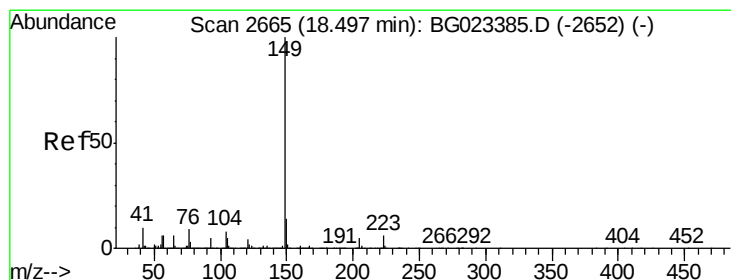
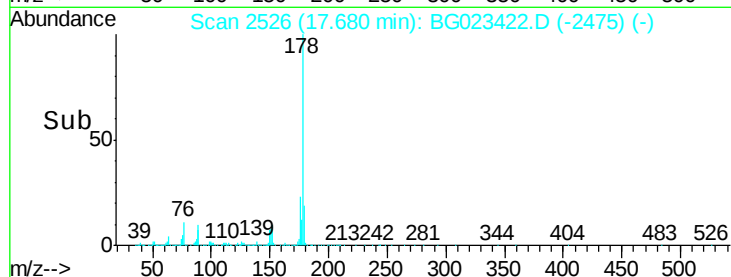
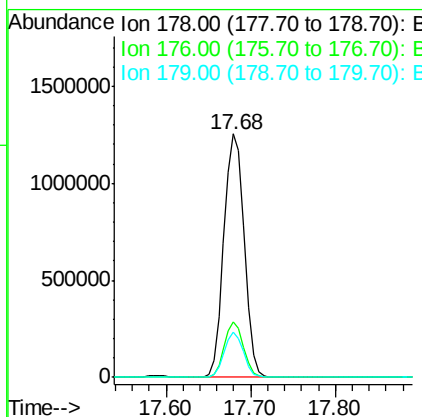
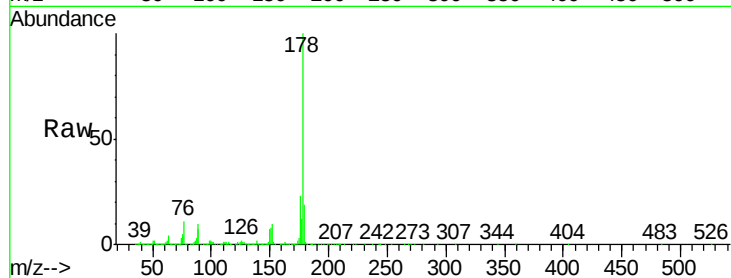
#71
 Anthracene
 Concen: 46.79 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG023422.D
 Acq: 3 Aug 2016 12:19

Instrument :
 BNA_G
 ClientSampleId :
 9524

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.7	17.3	25.9
179	18.8	14.0	21.0

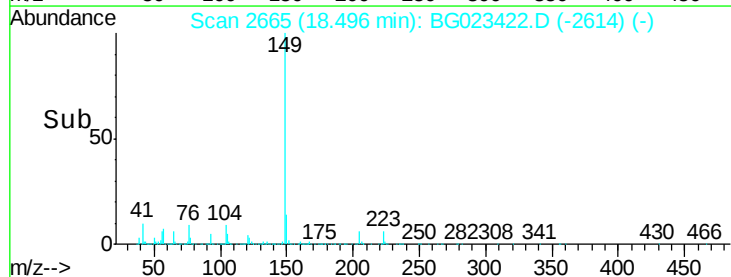
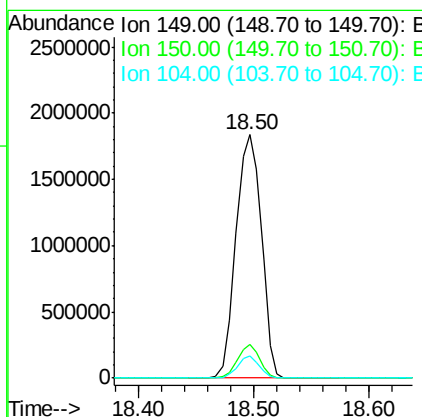
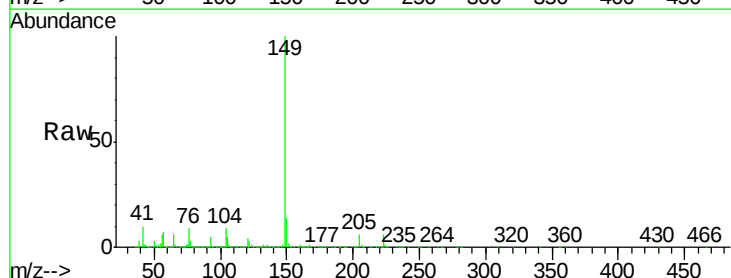
Manual Integrations
 APPROVED

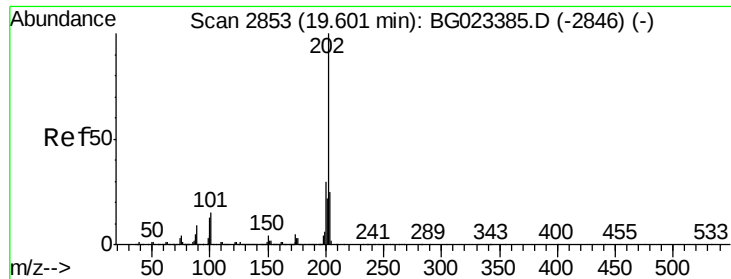
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#73
 Di-n-butylphthalate
 Concen: 75.42 ng
 RT: 18.50 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: BG023422.D
 Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.7	9.1	13.7
104	9.3	6.9	10.3





#74

Fluoranthene

Concen: 58.32 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

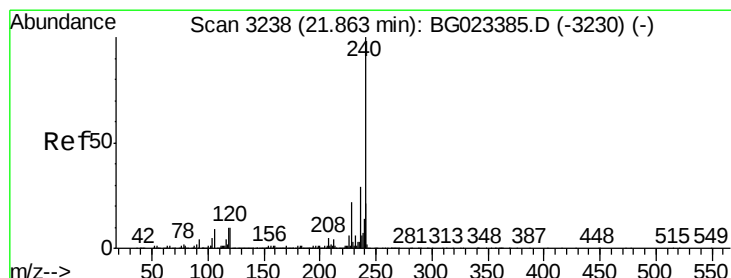
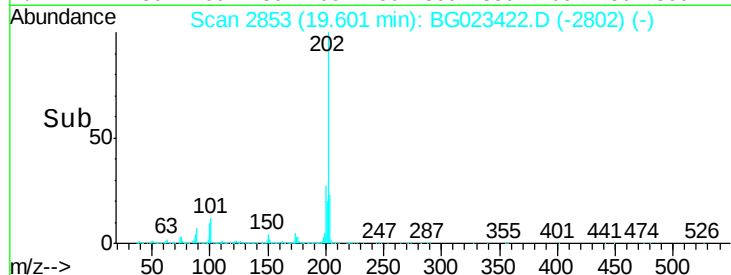
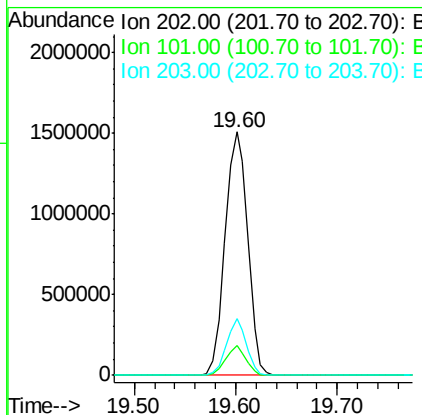
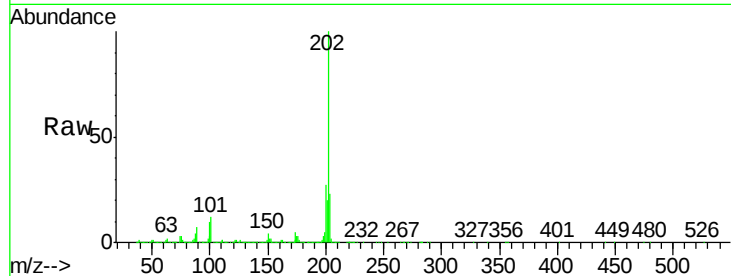
ClientSampleId :

9524

Tot Ion:	202	Resp:	2325748
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	27.4
203	23.0	1.7	41.7

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

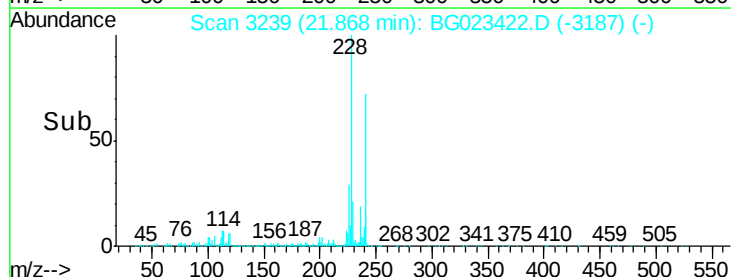
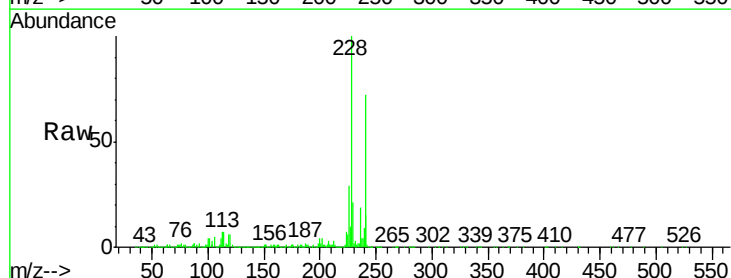
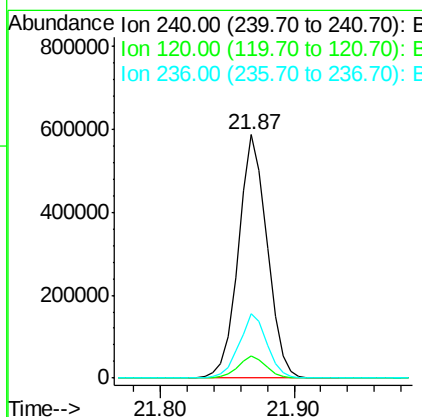
RT: 21.87 min Scan# 3239

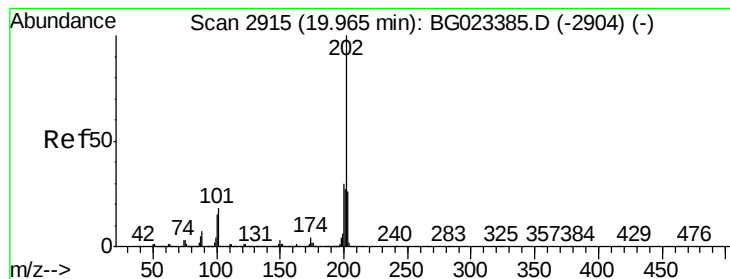
Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	240	Resp:	870484
Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.1	6.1#
236	26.2	21.1	31.7





#77

Pvrene

Concen: 106.00 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

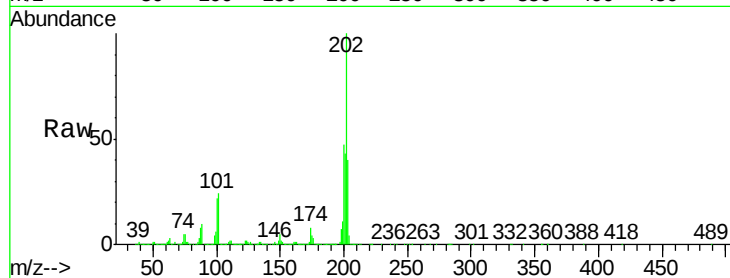
BNA_G

ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
202	100		
200	47.4	21.2	31.8#
203	40.1	16.8	25.2#

Manual Integrations
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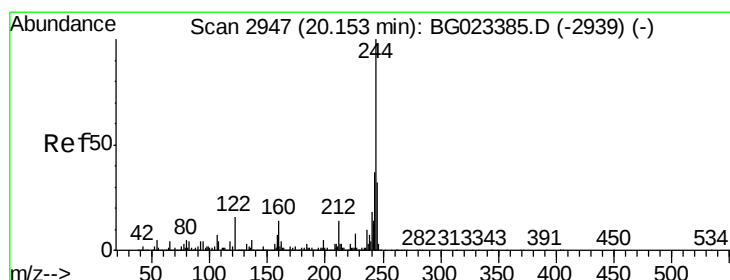
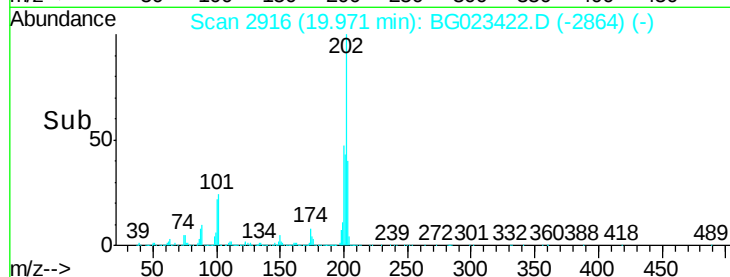
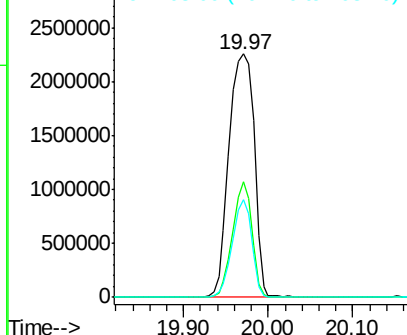


Abundance

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: 78.39 ng

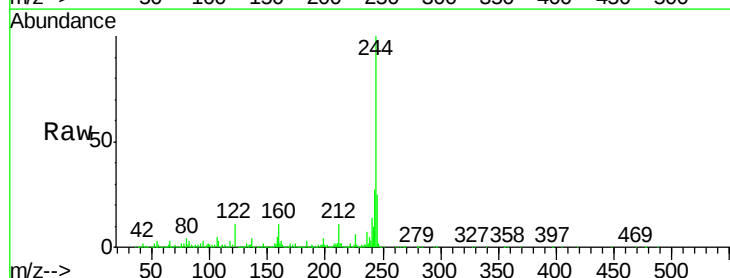
RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	10.6	8.0	12.0

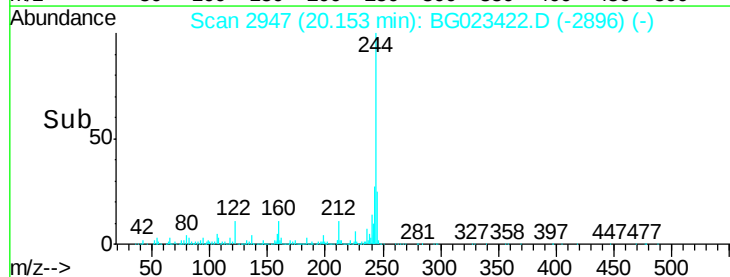
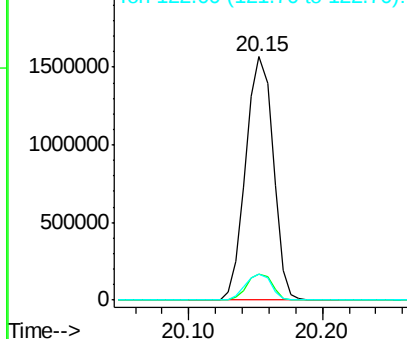


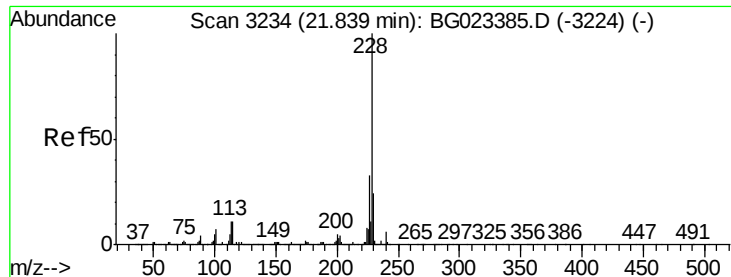
Abundance

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





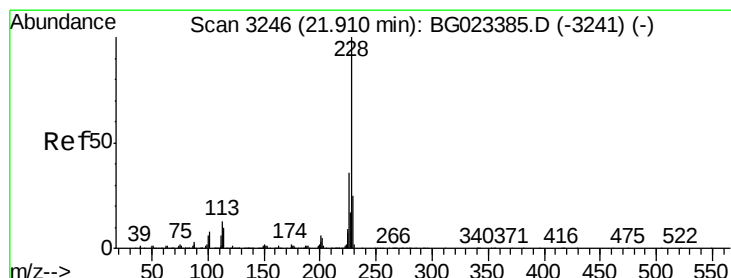
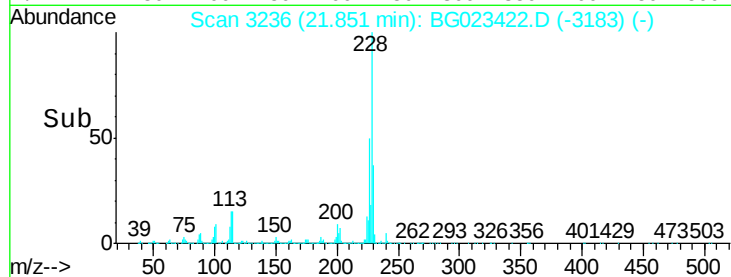
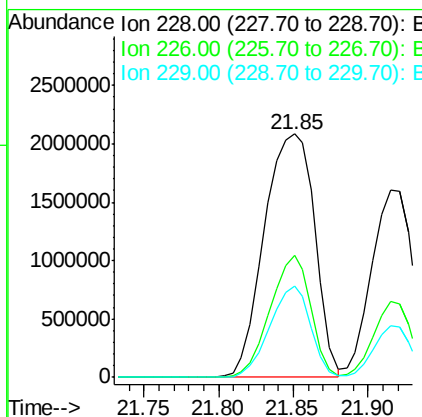
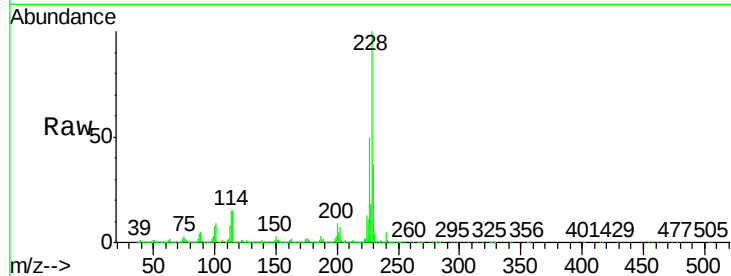
#80
Benzo(a)anthracene
Concen: 101.49 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampled :
9524

Tot Ion	Ratio	Lower	Upper
228	100		
226	50.2	25.3	37.9#
229	37.4	19.9	29.9#

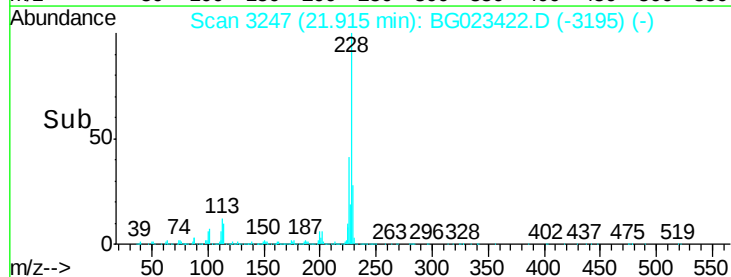
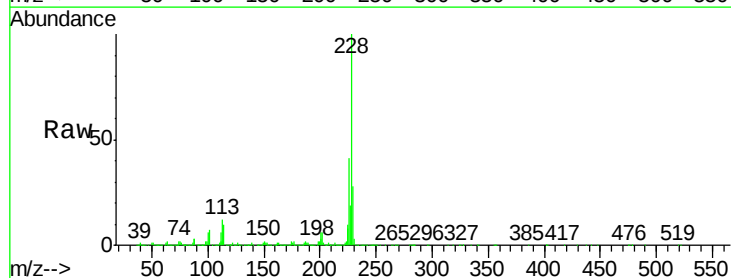
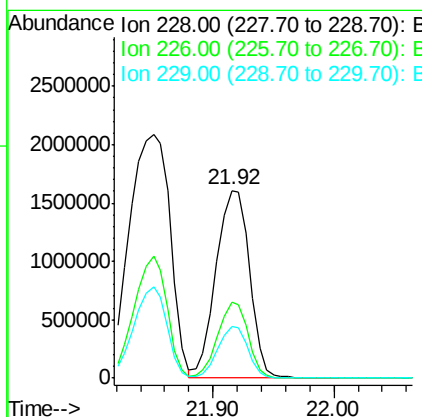
Manual Integrations
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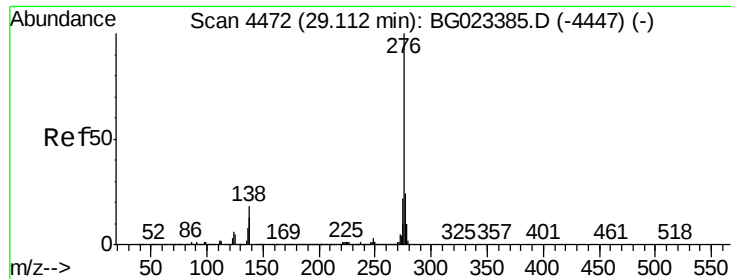
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#82
Chrysene
Concen: 67.18 ng
RT: 21.92 min Scan# 3247
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.5	26.7	40.1#
229	27.6	17.4	26.2#





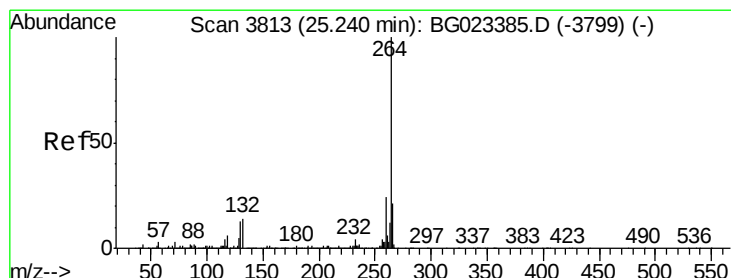
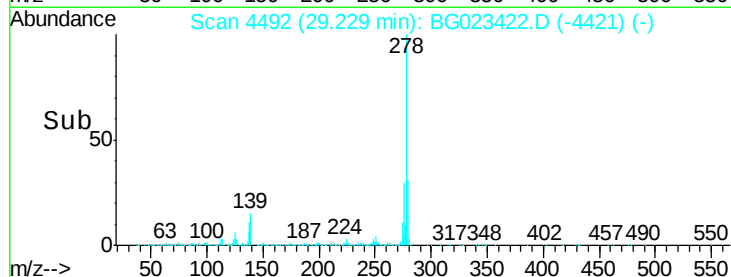
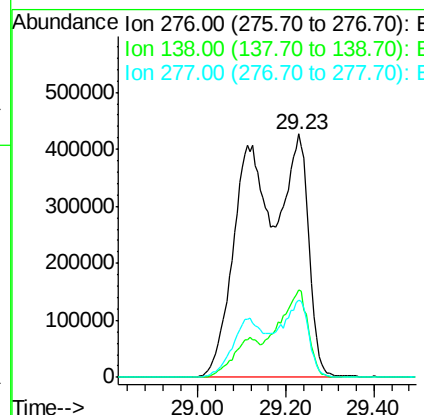
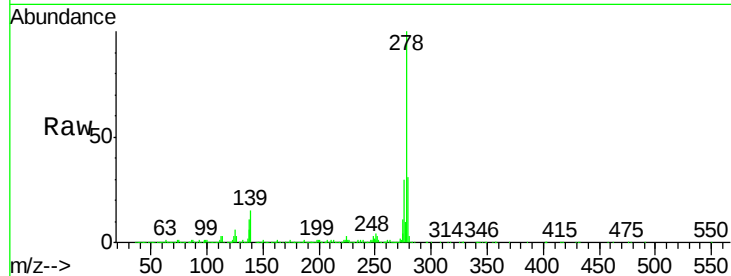
#85
Indeno(1,2,3-cd)pyrene
Concen: 70.09 ng/ml
RT: 29.23 min Scan# 4492
Delta R.T. 0.12 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.0	0.0	0.0#
277	11.9	0.0	0.0#

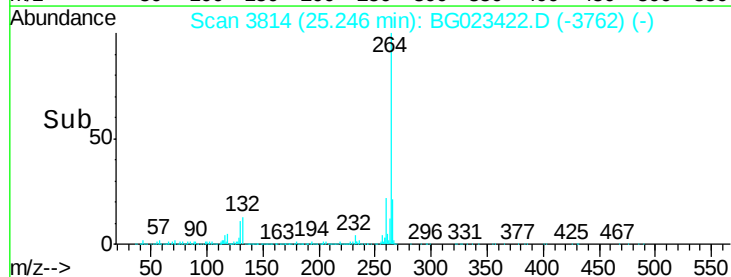
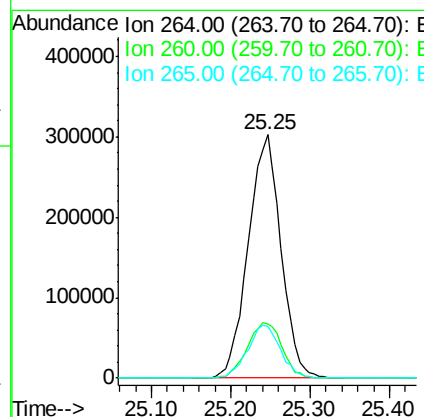
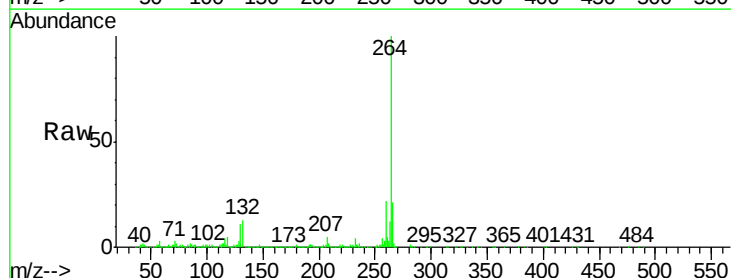
Manual Integrations
APPROVED

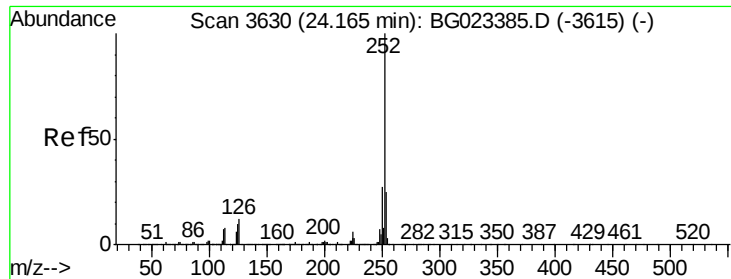
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	21.0	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 106.15 ng

RT: 24.18 min Scan# 3632

Delta R.T. 0.01 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Instrument :

BNA_G

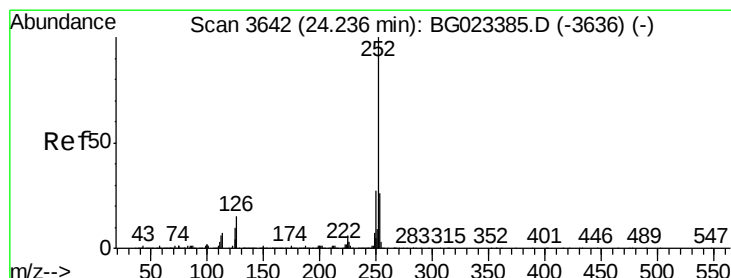
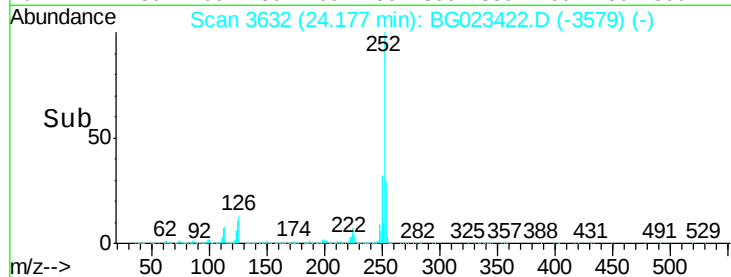
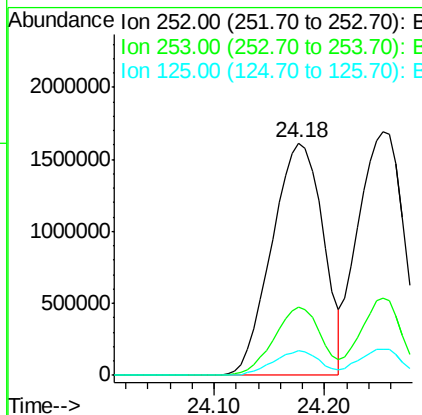
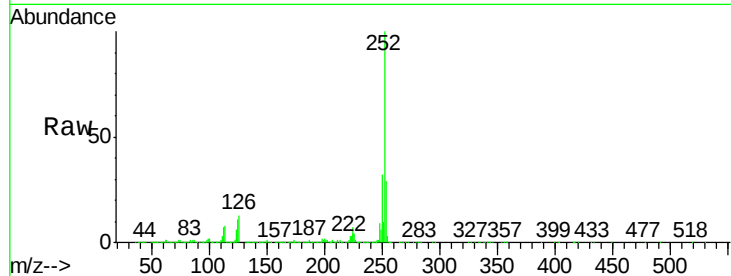
ClientSampleId :

9524

Tot Ion:	252	Resp:	5185422
Ion Ratio	Lower	Upper	
252	100		
253	29.3	18.9	28.3#
125	10.6	3.9	5.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 102.81 ng

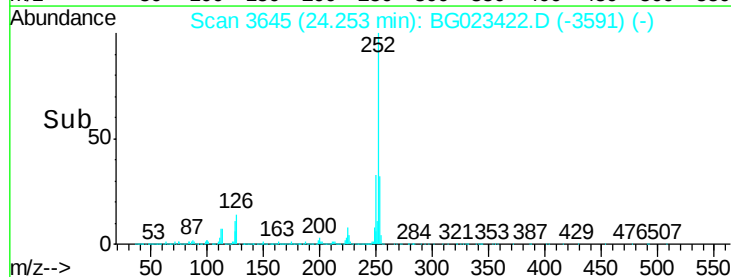
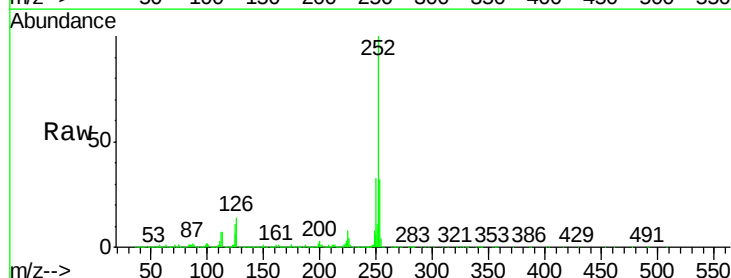
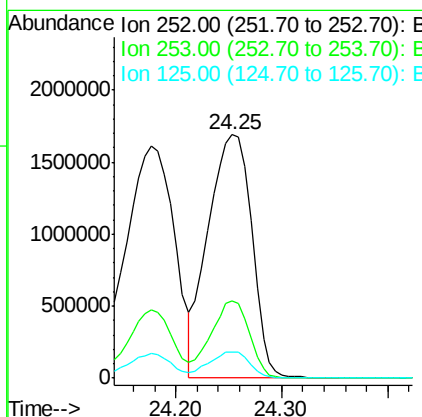
RT: 24.25 min Scan# 3645

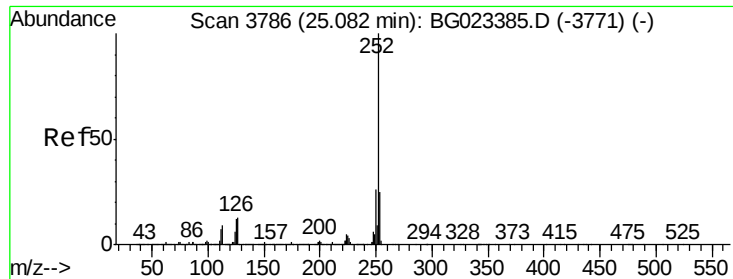
Delta R.T. 0.02 min

Lab File: BG023422.D

Acq: 3 Aug 2016 12:19

Tgt Ion:	252	Resp:	4823560
Ion Ratio	Lower	Upper	
252	100		
253	31.6	18.8	28.2#
125	10.9	3.2	4.8#





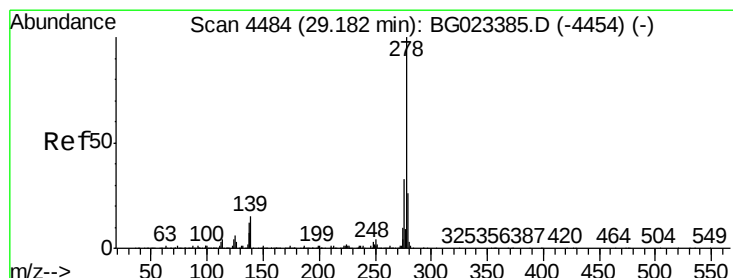
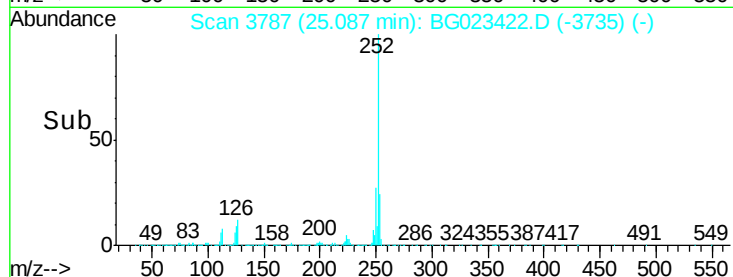
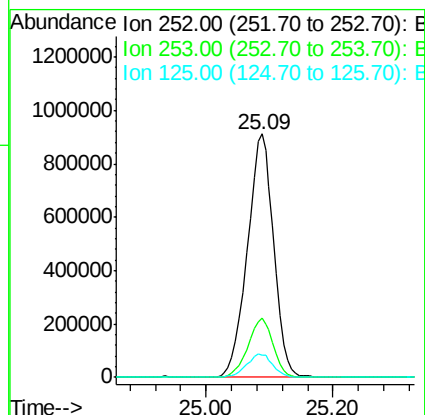
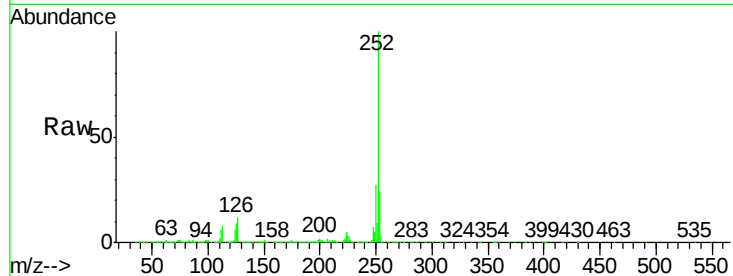
#89
Benzo(a)pyrene
Concen: 56.42 ng
RT: 25.09 min Scan# 3787
Delta R.T. 0.01 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Instrument :
BNA_G
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	9.2	3.9	5.9

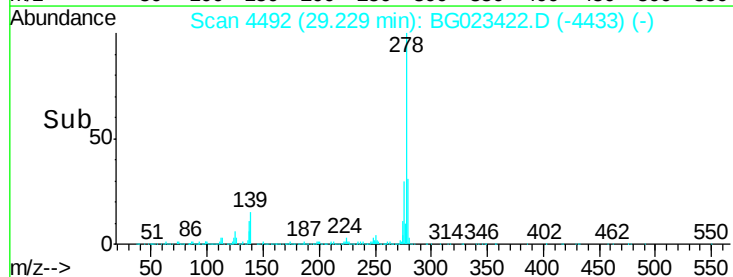
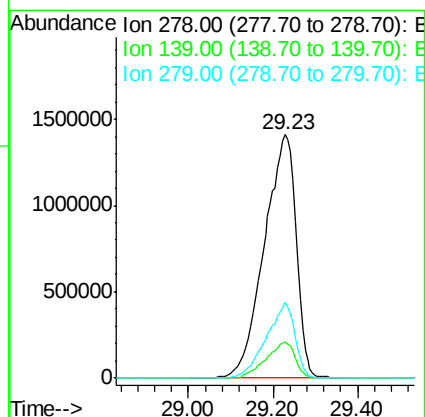
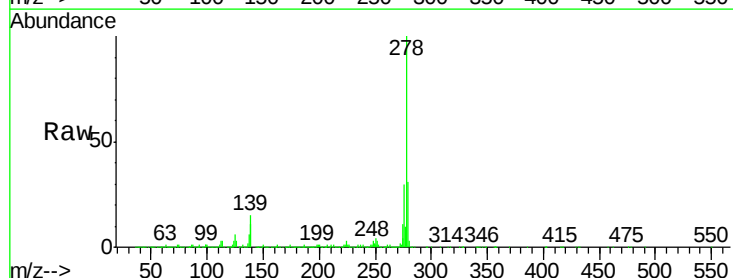
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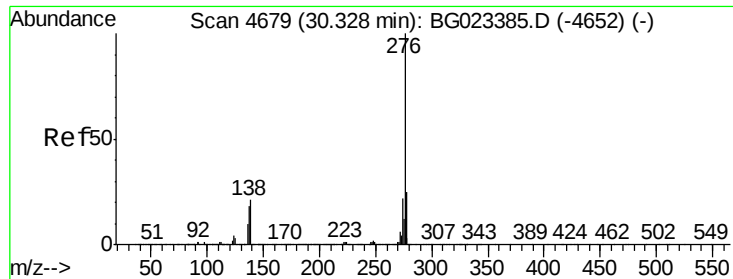
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#90
Dibenzo(a,h)anthracene
Concen: 154.43 ng
RT: 29.23 min Scan# 4492
Delta R.T. 0.05 min
Lab File: BG023422.D
Acq: 3 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	4.7	7.1
279	31.0	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 108.55 ng
 RT: 30.37 min Scan# 4687
 Delta R.T. 0.05 min
 Lab File: BG023422.D
 Acq: 3 Aug 2016 12:19

Instrument :
 BNA_G
 ClientSampleId :
 9524

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	16.4	6.8	10.2

Manual Integrations
 APPROVED

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