

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023423.D
 Acq On : 3 Aug 2016 12:59
 Operator : UM/SJ
 Sample : H4145-18DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9524DL

Manual Integrations
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 8/4/2016 6:09:18 PM

Quant Time: Aug 04 13:56:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 13:50:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	105028	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	496404	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	374051	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	977242	20.00	ng	0.00
75) Chrysene-d12	21.86	240	958524	20.00	ng	0.00
86) Perylene-d12	25.24	264	916987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	62859	10.07	ng	0.00
7) Phenol-d6	7.27	99	112724	11.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	80388	8.05	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	106142	19.40	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	256879	11.58	ng	0.00
78) Terphenyl-d14	20.15	244	585575	16.67	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	7.68	128	26256	3.66	ng	89
10) Phenol	7.30	94	144711	13.92	ng	# 77
11) bis(2-Chloroethyl)ether	7.53	93	47379	5.71	ng	96
12) 1,3-Dichlorobenzene	8.01	146	27373	3.34	ng	91
17) 2-Methylphenol	8.56	107	70848	10.16	ng	# 85
19) n-Nitroso-di-n-propylamine	8.92	70	177585	21.24	ng	94
20) 3+4-Methylphenols	8.89	107	119445	12.16	ng	# 76
25) Isophorone	9.86	82	381472	18.34	ng	# 94
26) 2-Nitrophenol	10.06	139	59752	12.80	ng	# 70
29) 2,4-Dichlorophenol	10.60	162	150008	18.77	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	178194	20.68	ng	99
31) Naphthalene	11.00	128	231650	9.16	ng	98
34) Hexachlorobutadiene	11.28	225	78837	13.91	ng	95
36) 4-Chloro-3-methylphenol	12.24	107	65102	6.20	ng	99
37) 2-Methylnaphthalene	12.61	142	211335	11.00	ng	92
43) 2,4,5-Trichlorophenol	13.29	196	142397	17.12	ng	97
46) 2-Chloronaphthalene	13.66	162	103024	4.66	ng	99
48) Acenaphthylene	14.50	152	255665	7.31	ng	96
50) 2,6-Dinitrotoluene	14.36	165	124251	18.28	ng	# 81
54) Dibenzofuran	15.18	168	1357192	42.20	ng	95
55) 4-Nitrophenol	15.01	139	63039	10.47	ng	# 85
56) 2,4-Dinitrotoluene	15.15	165	72153	7.56	ng	90
57) Fluorene	15.83	166	735879	26.22	ng	97
59) Diethylphthalate	15.58	149	1103955	37.89	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	529888	35.68	ng	98
66) 4-Bromophenyl-phenylether	16.72	248	107237	9.42	ng	96
67) Hexachlorobenzene	16.84	284	512271	41.11	ng	97
69) Pentachlorophenol	17.19	266	34063	4.69	ng	# 84
71) Anthracene	17.68	178	507898	10.18	ng	95
73) Di-n-butylphthalate	18.49	149	782184	11.96	ng	# 95
74) Fluoranthene	19.60	202	615329	5.71	ng	94
77) Pyrene	19.96	202	1780302	29.82	ng	98
80) Benzo(a)anthracene	21.83	228	1599133	30.22	ng	96
82) Chrysene	21.91	228	806674	16.02	ng	97

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Manual Integrations
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Quant Time: Aug 04 13:56:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 13:50:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	29.08	276	820661m	13.05	nq	
87) Benzo(b)fluoranthene	24.16	252	1274969	24.71	nq	# 96
88) Benzo(k)fluoranthene	24.23	252	1275341	25.74	nq	# 97
89) Benzo(a)pyrene	25.08	252	569058	11.60	nq	# 96
90) Dibenzo(a,h)anthracene	29.16	278	1691150	33.74	nq	# 93
91) Benzo(a,h,i)perylene	30.31	276	1107707	21.95	nq	# 92

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

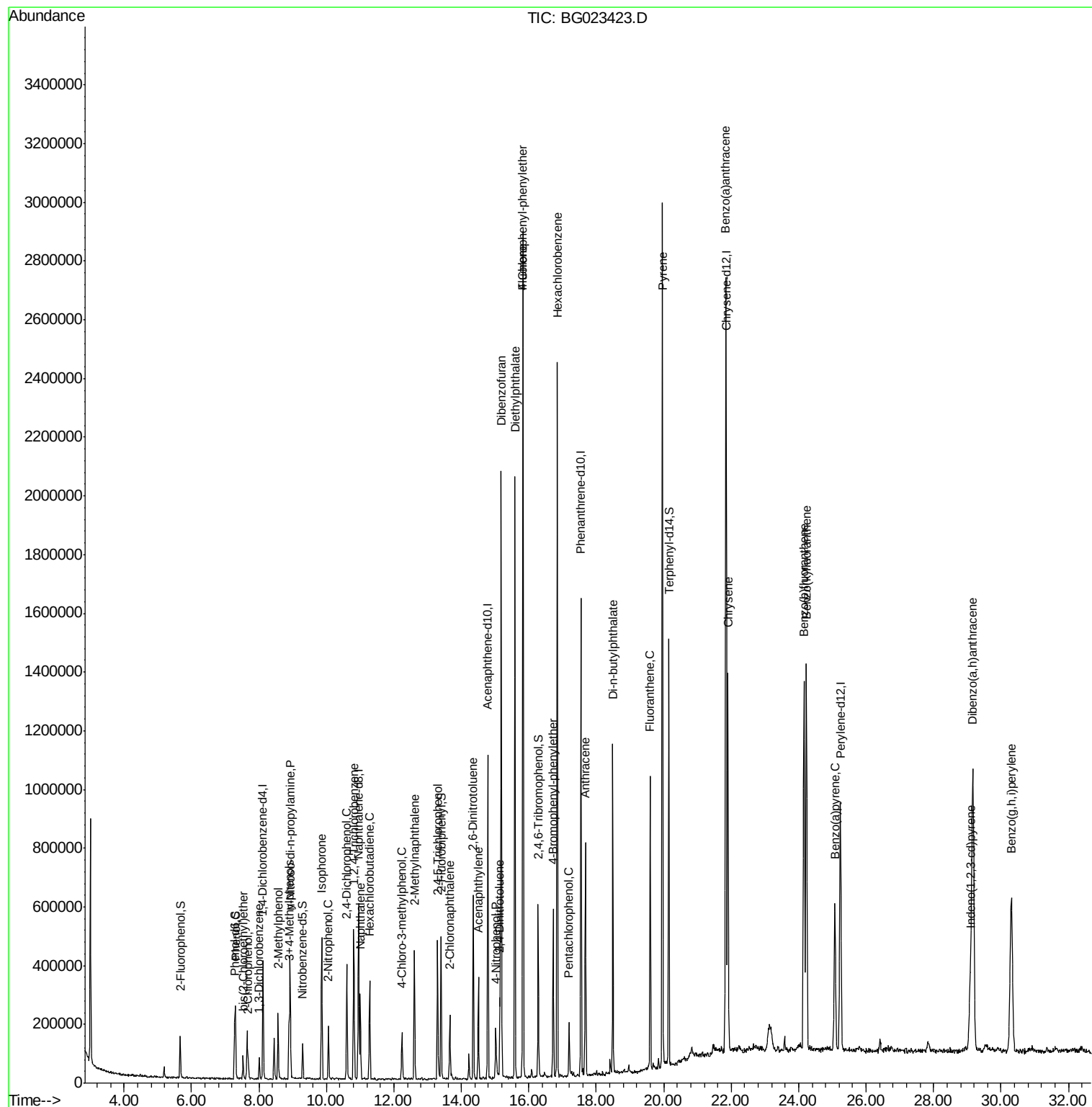
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
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Acq On : 3 Aug 2016 12:59
Operator : UM/SJ
Sample : H4145-18DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

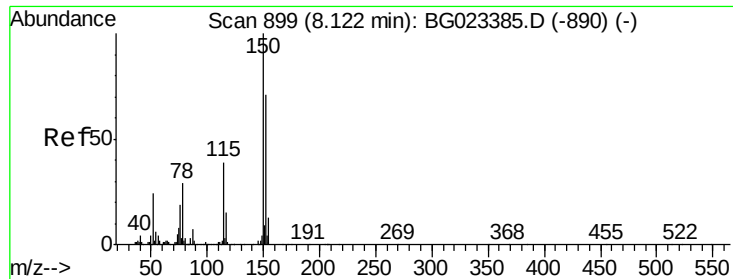
Instrument :
BNA_G
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9524DL

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#1

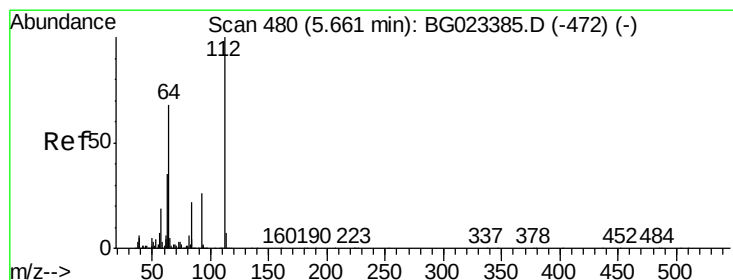
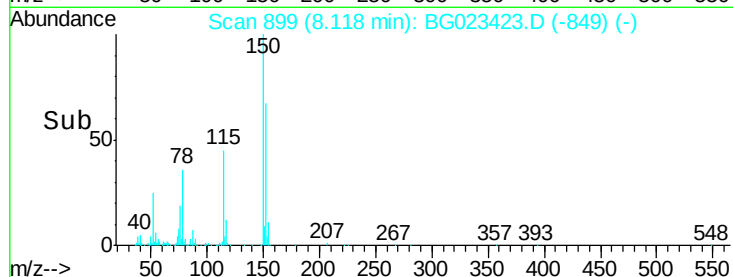
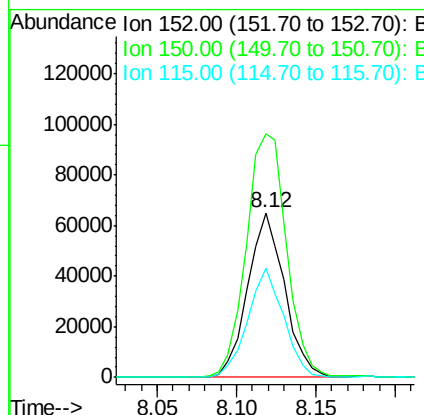
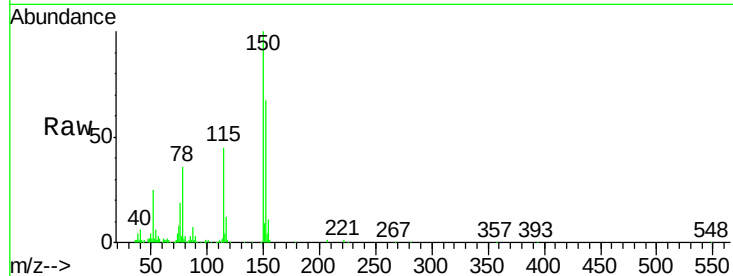
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	144.7	217.1
115	66.5	64.0	96.0

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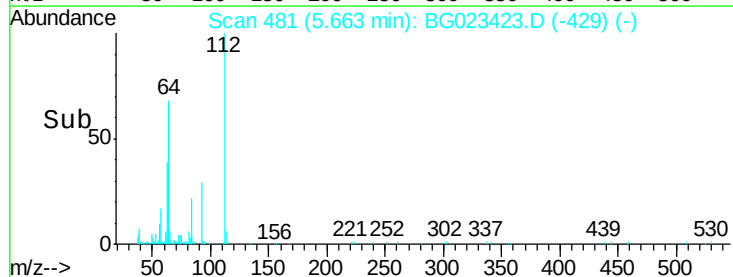
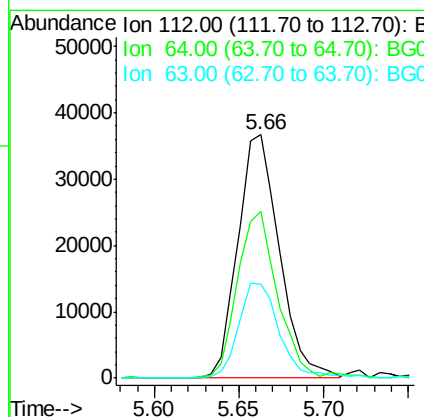
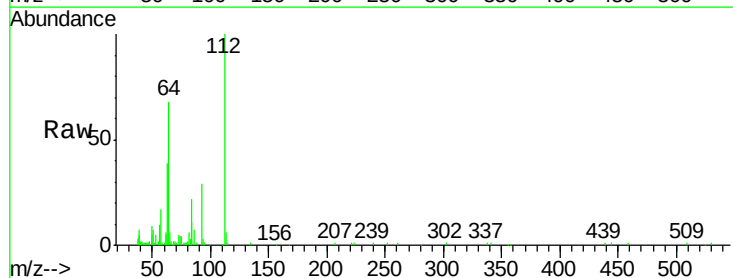
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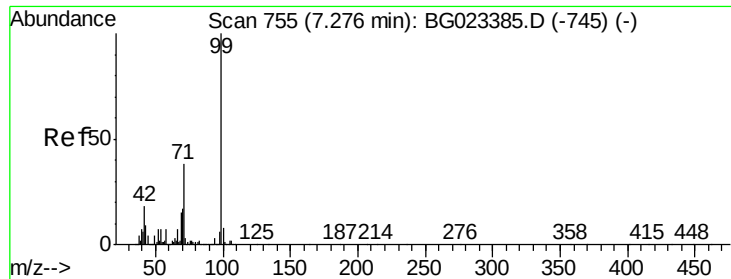


#5

2-Fluorophenol
Concen: 10.07 ng
RT: 5.66 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	59.0	88.4
63	38.8	37.8	56.8





#7

Phenol-d6

Concen: 11.60 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

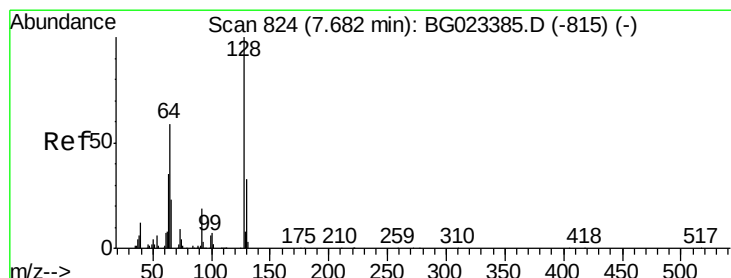
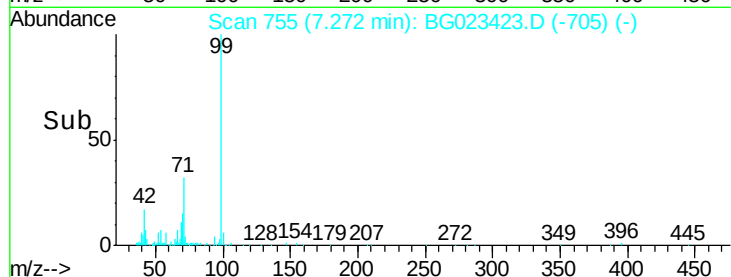
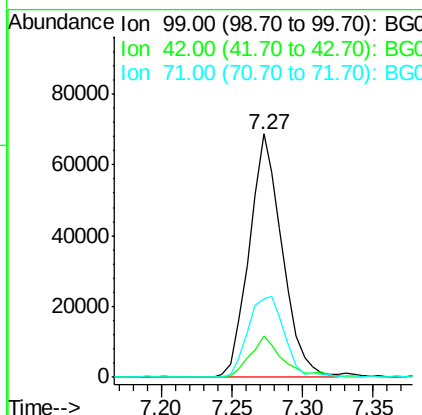
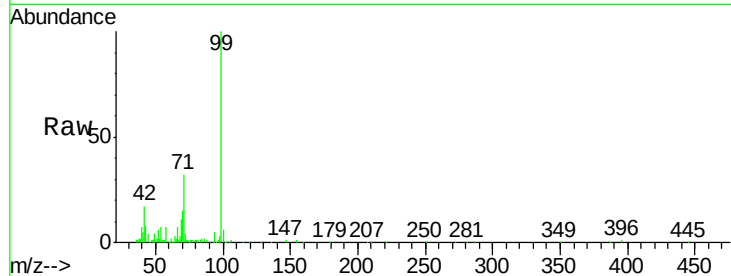
ClientSampleId :

9524DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		112724		
42	17.1	17.8	26.6#		
71	32.1	41.5	62.3#		

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#8

2-Chlorophenol

Concen: 3.66 ng

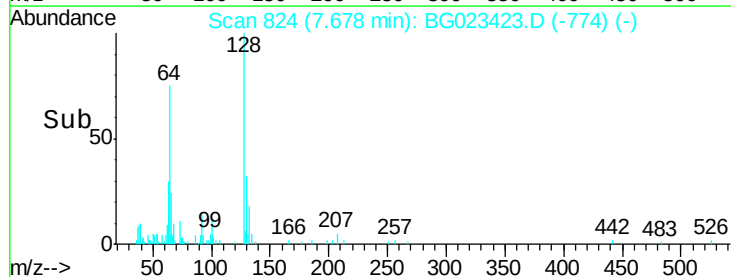
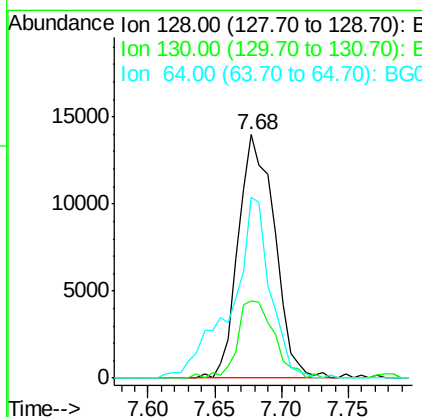
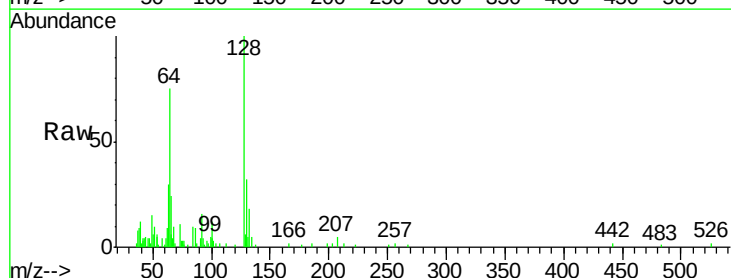
RT: 7.68 min Scan# 824

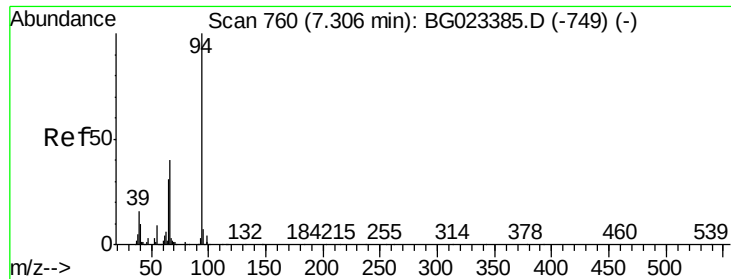
Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		26256		
130	31.6	12.9	52.9		
64	74.5	42.0	82.0		





#10

Phenol

Concen: 13.92 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

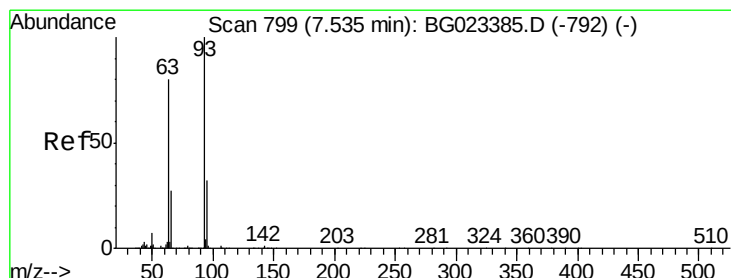
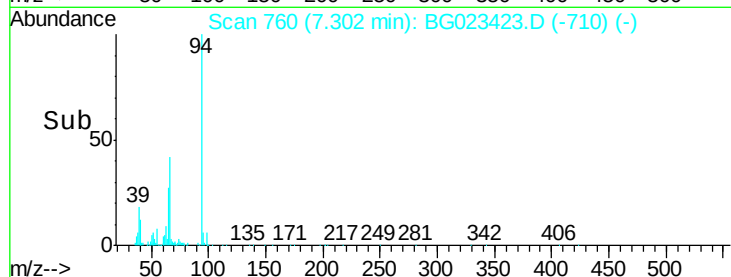
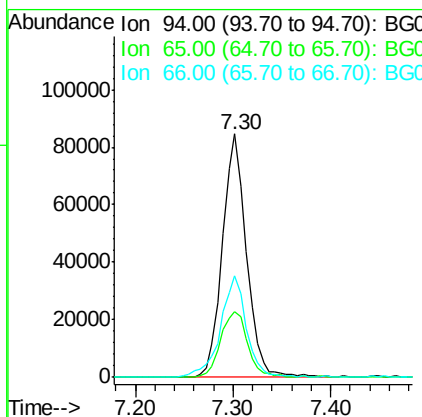
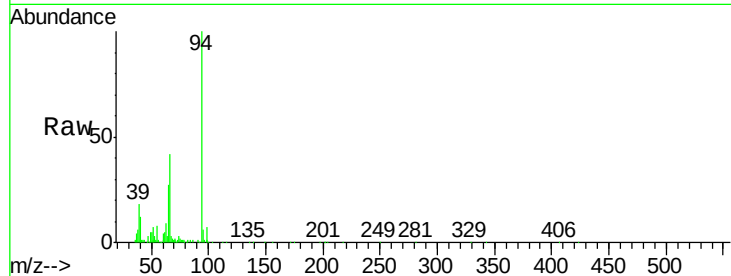
ClientSampled :

9524DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		144711		
65	27.2	18.1	58.1		
66	41.5	42.1	82.1#		

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#11

bis(2-Chloroethyl)ether

Concen: 5.71 ng

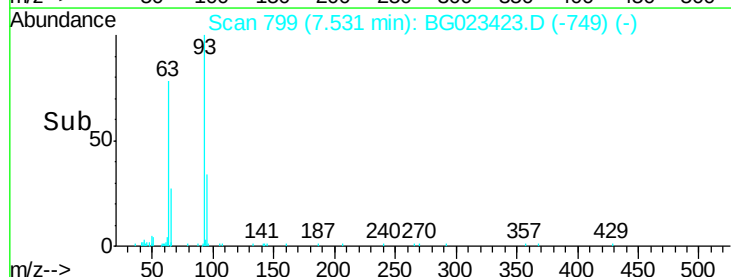
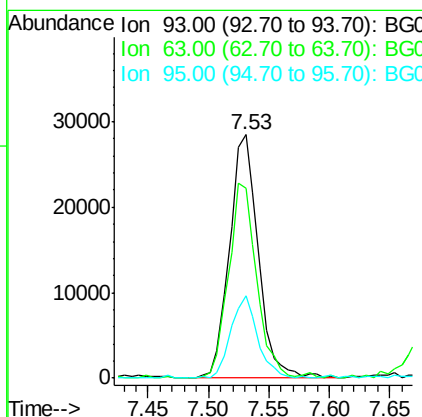
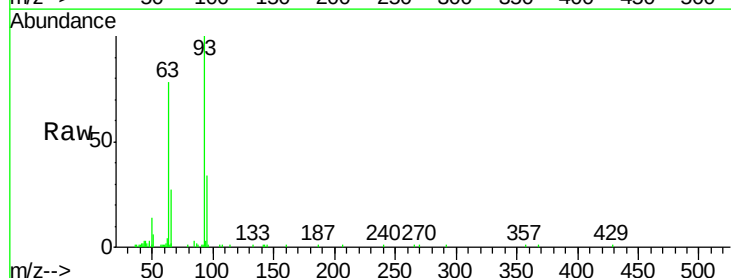
RT: 7.53 min Scan# 799

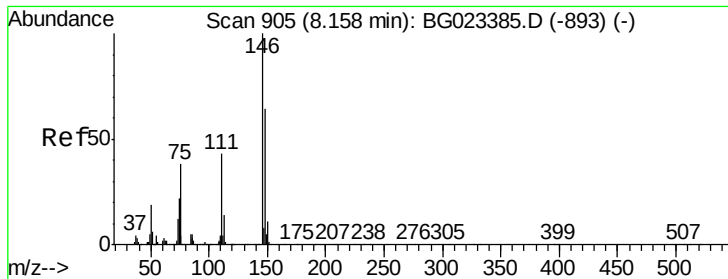
Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		47379		
63	77.9	55.0	95.0		
95	34.1	11.0	51.0		





#12

1,3-Dichlorobenzene

Concen: 3.34 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

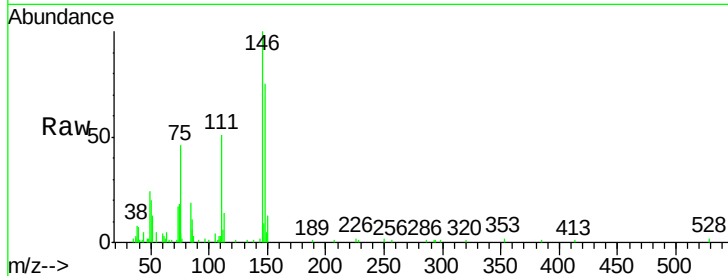
ClientSampled :

9524DL

Tot Ion:	146	Resp:	27373
Ion Ratio	Lower	Upper	
146	100		
148	75.0	50.3	75.5
75	46.2	37.0	55.6

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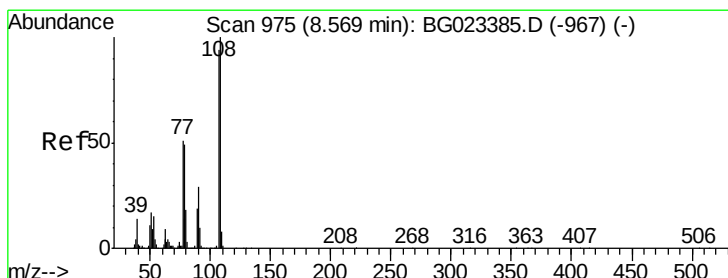
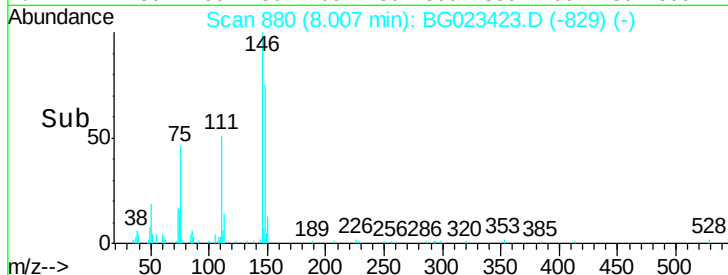
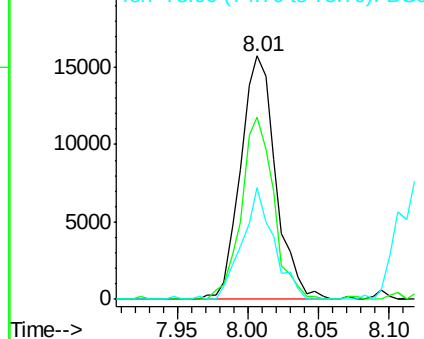


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#17

2-Methylphenol

Concen: 10.16 ng

RT: 8.56 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion:	107	Resp:	70848
Ion Ratio	Lower	Upper	
107	100		
108	107.5	92.0	138.0
77	54.4	55.8	83.6#
79	50.2	55.0	82.6#

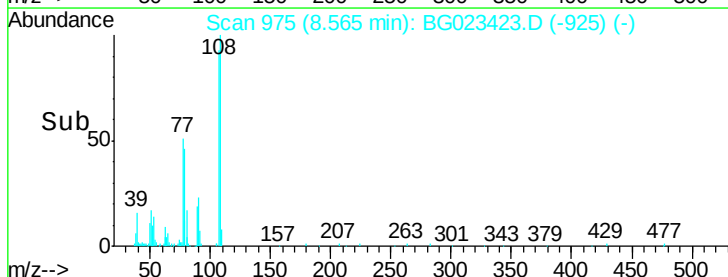
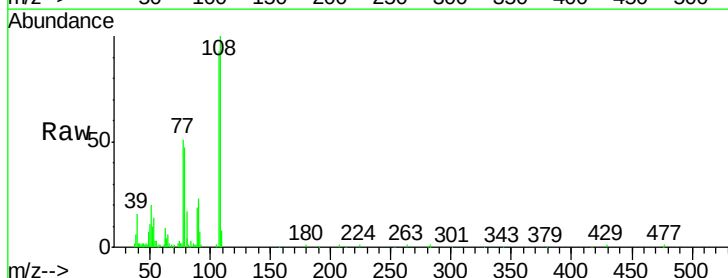
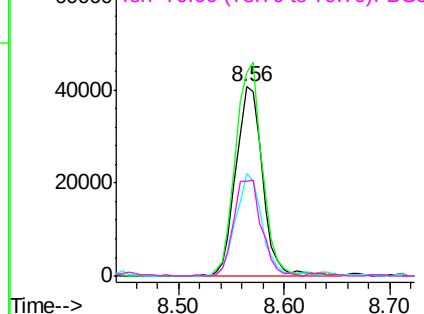
Abundance

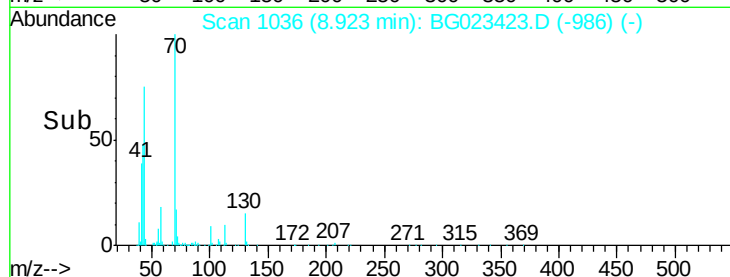
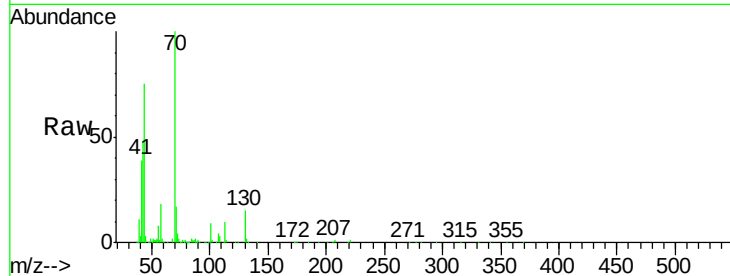
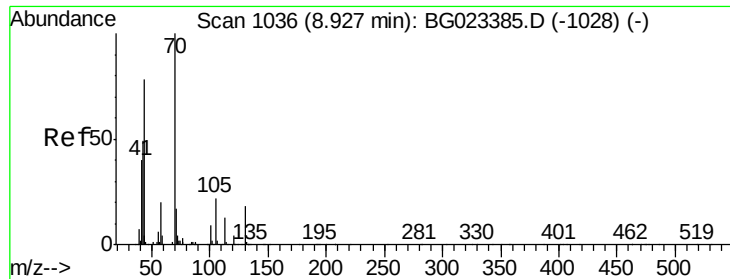
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





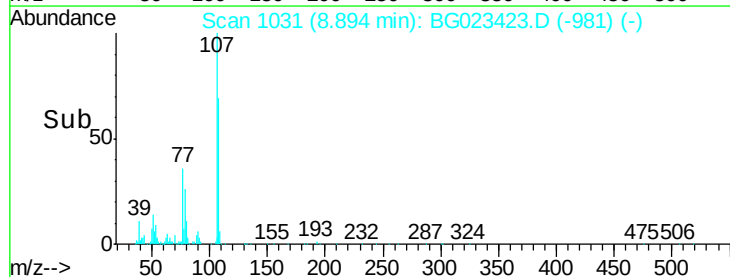
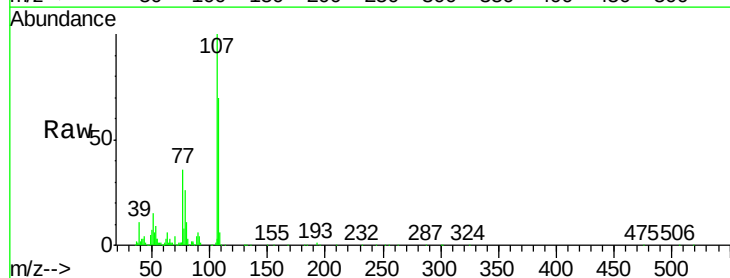
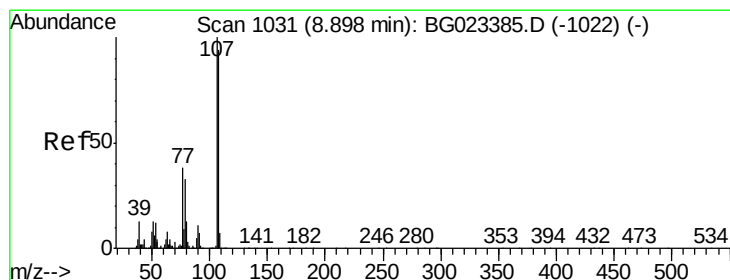
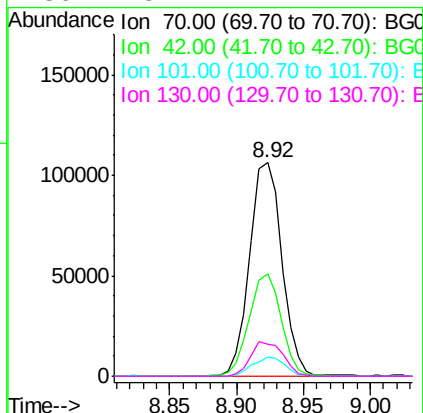
#19
n-Nitroso-di-n-propylamine
Concen: 21.24 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.9	42.1	63.1	
101	9.2	7.2	10.8	
130	15.2	14.2	21.2	

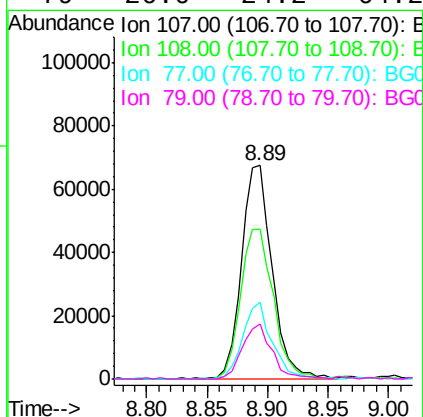
Manual Integrations
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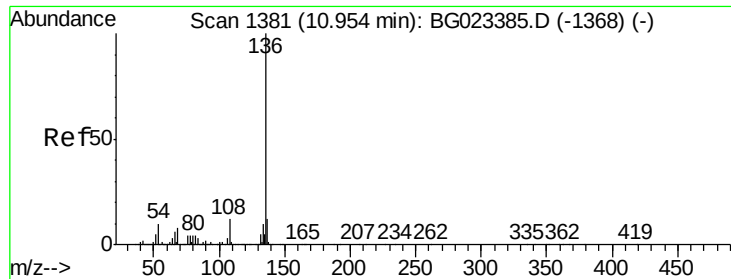
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#20
3+4-Methylphenols
Concen: 12.16 ng
RT: 8.89 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	69.9	72.5	112.5#	
77	36.2	30.1	70.1	
79	26.0	24.2	64.2	





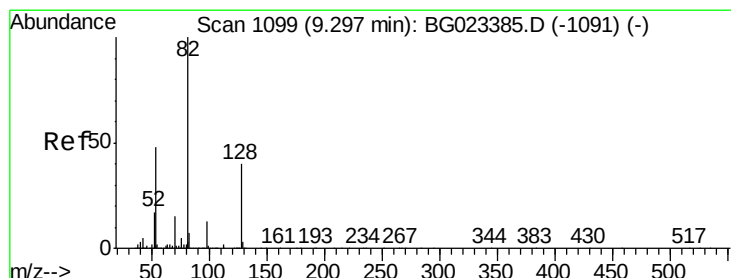
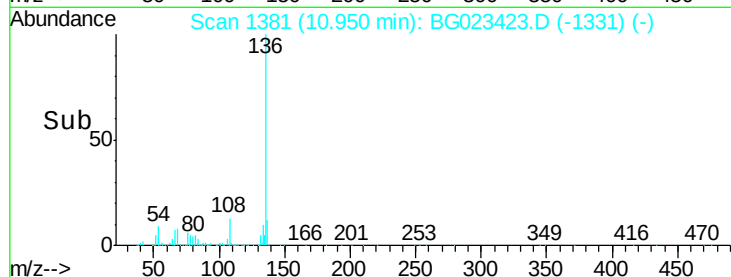
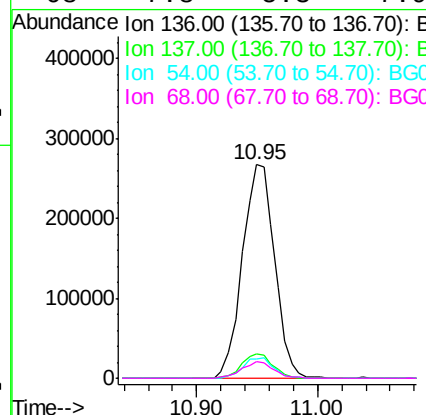
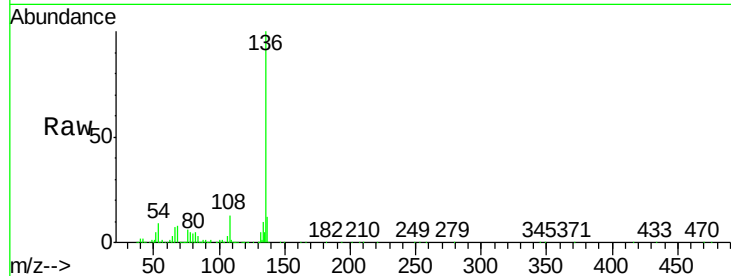
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496404		
137	11.5		9.6	14.4
54	9.1		7.3	10.9
68	7.8		5.3	7.9

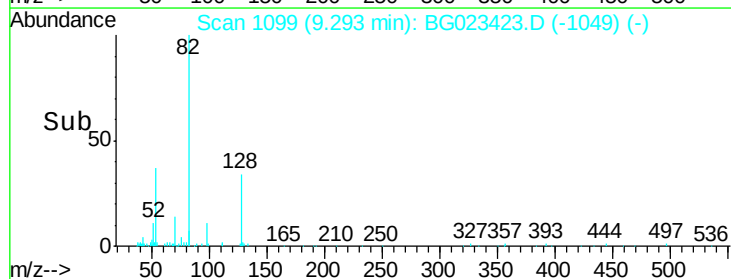
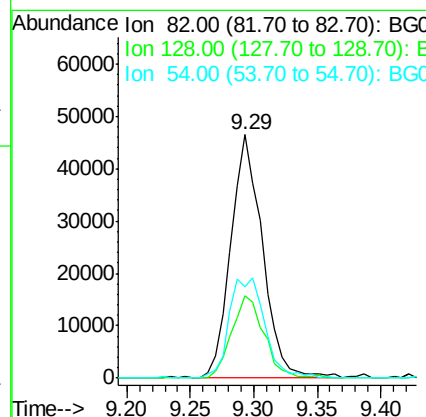
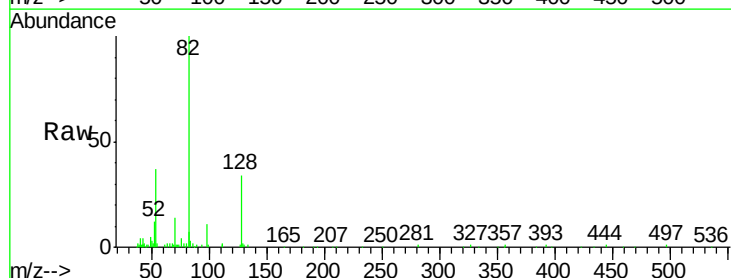
Manual Integrations
APPROVED

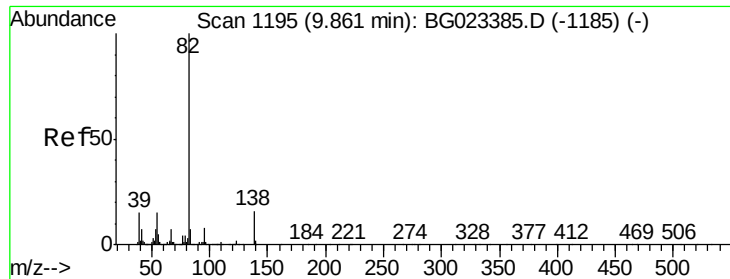
sohil
8/4/2016 6:09:18 PM



#23
Nitrobenzene-d5
Concen: 8.05 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	80388		
128	33.7		24.4	36.6
54	37.2		41.4	62.0#





#25

Isophorone

Concen: 18.34 ng

RT: 9.86 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

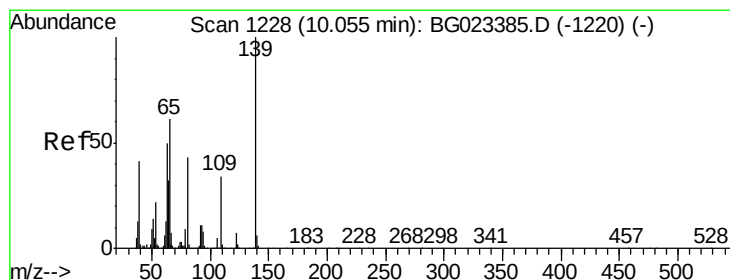
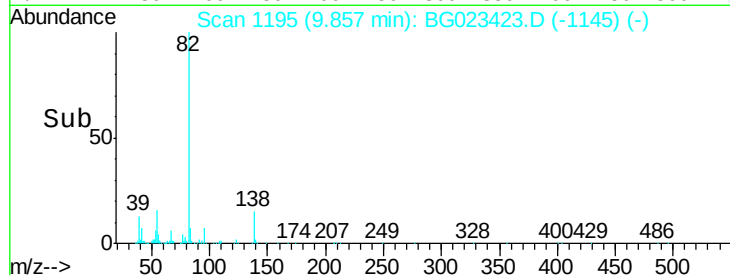
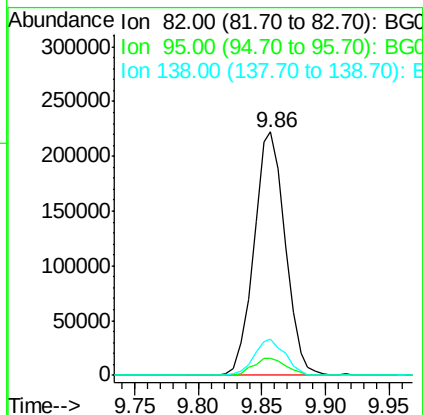
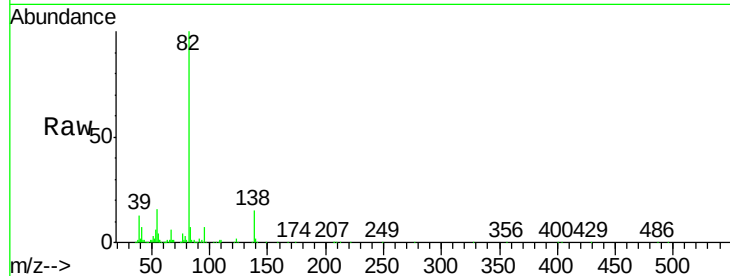
ClientSampleID :

9524DL

Tot Ion:	82	Resp:	381472
Ion Ratio	Lower	Upper	
82	100		
95	6.7	8.2	12.2#
138	15.0	10.7	16.1

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8/4/2016 6:09:18 PM



#26

2-Nitrophenol

Concen: 12.80 ng

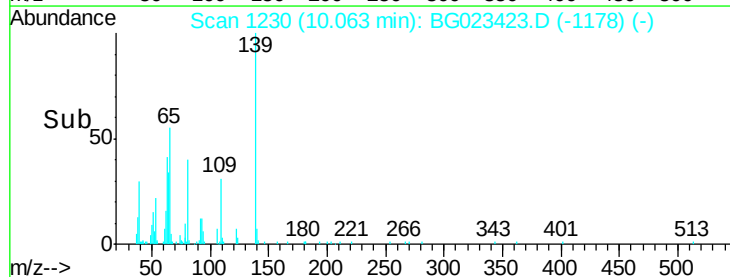
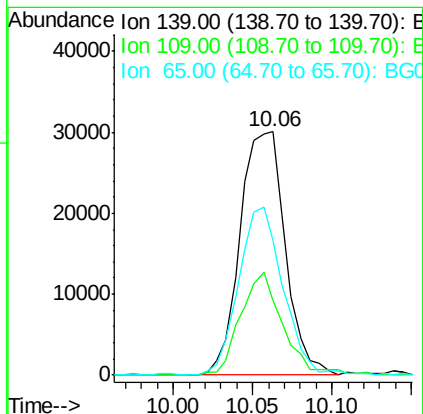
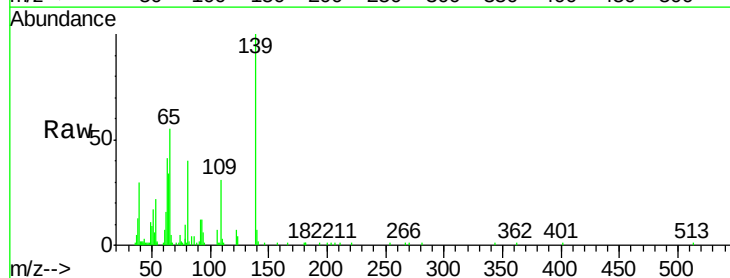
RT: 10.06 min Scan# 1230

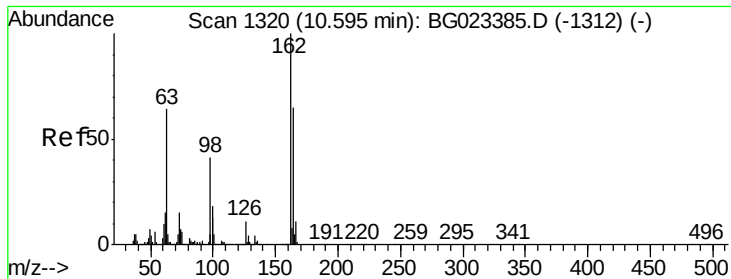
Delta R.T. 0.01 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion:	139	Resp:	59752
Ion Ratio	Lower	Upper	
139	100		
109	30.9	43.5	65.3#
65	55.5	64.3	96.5#





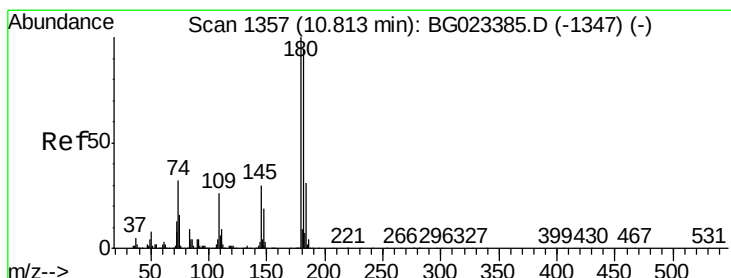
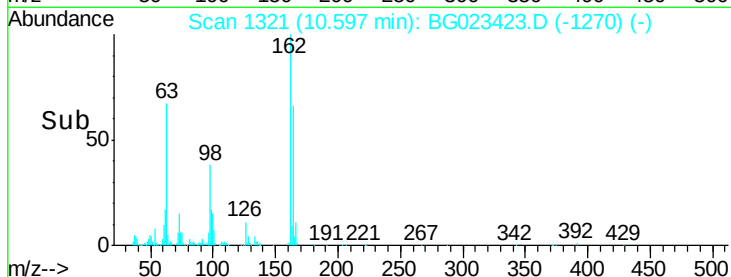
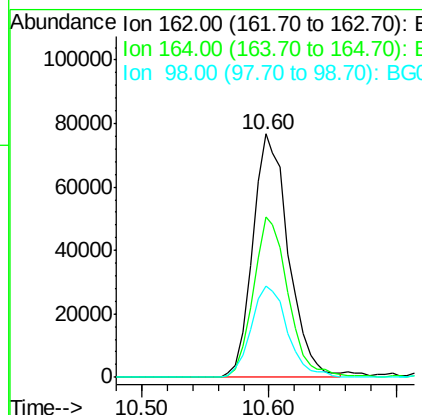
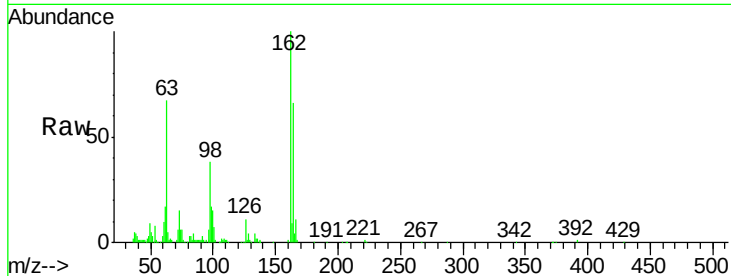
#29
2,4-Dichlorophenol
Concen: 18.77 ng
RT: 10.60 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampled :
9524DL

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.3	84.3
98	37.7	19.5	59.5

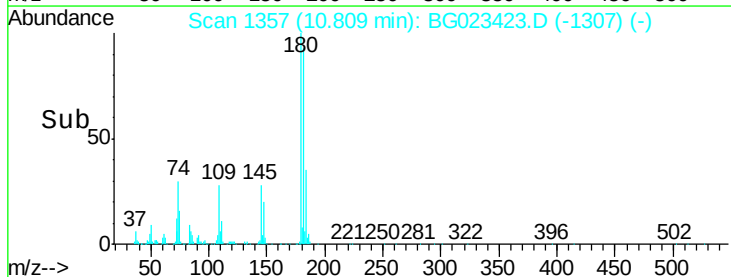
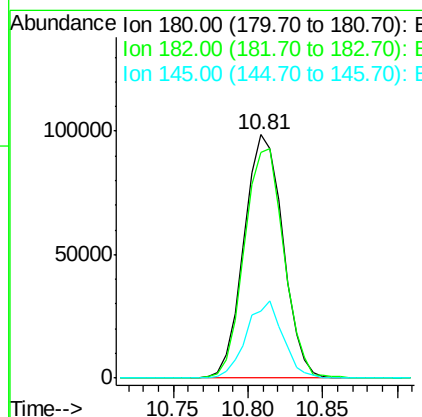
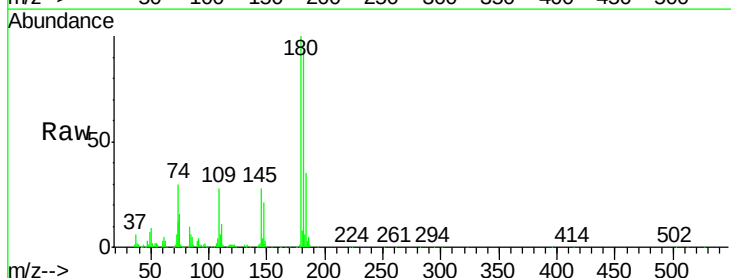
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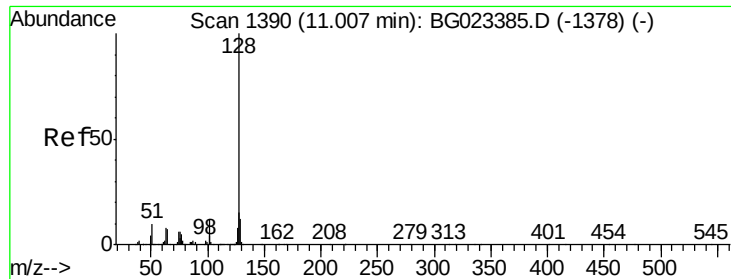
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#30
1,2,4-Trichlorobenzene
Concen: 20.68 ng
RT: 10.81 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	73.8	110.8
145	27.6	24.4	36.6





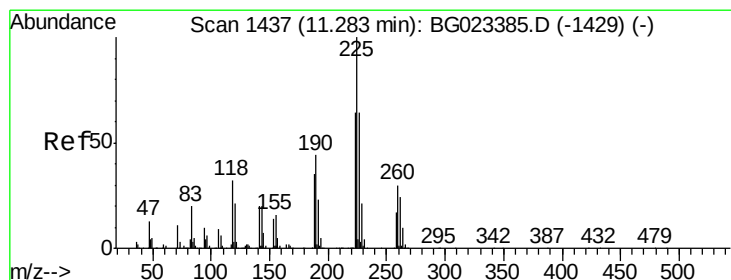
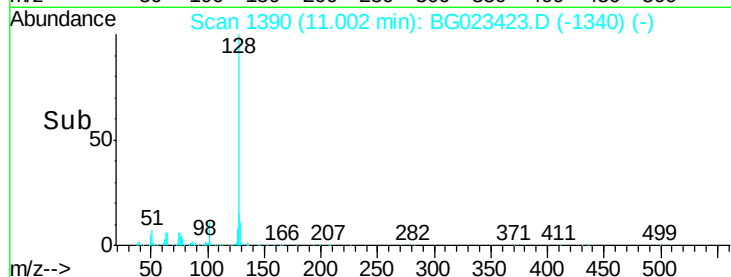
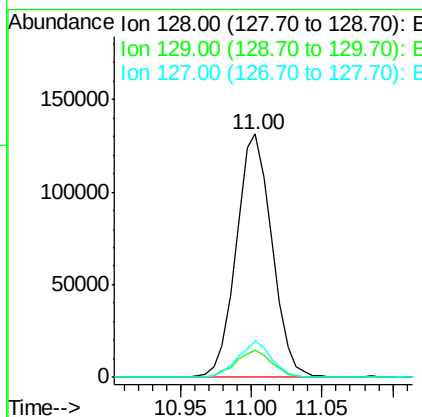
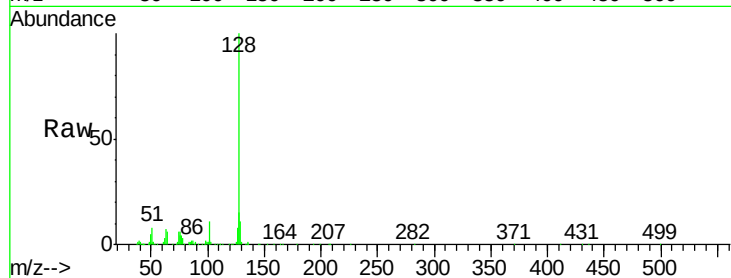
#31
Naphthalene
Concen: 9.16 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	14.8	11.3	16.9

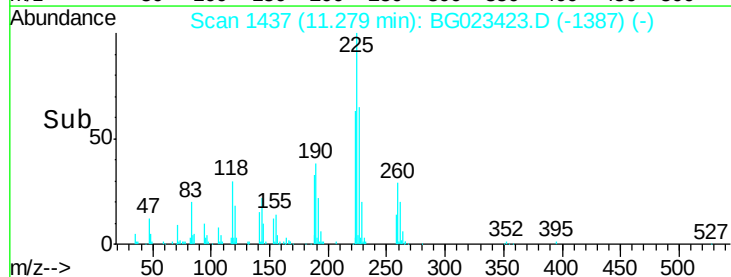
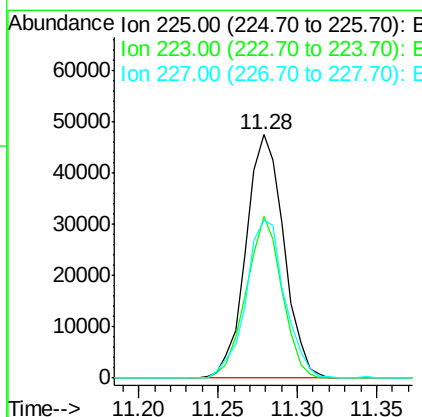
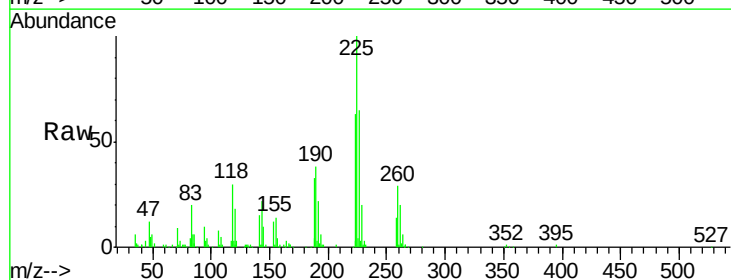
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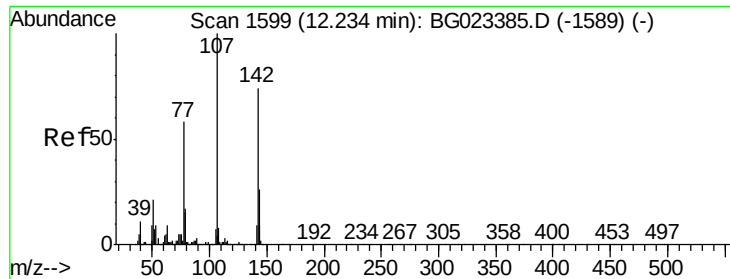
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#34
Hexachlorobutadiene
Concen: 13.91 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.6	74.4
227	65.1	54.5	81.7





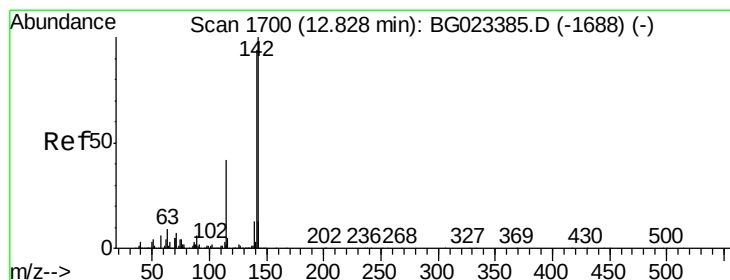
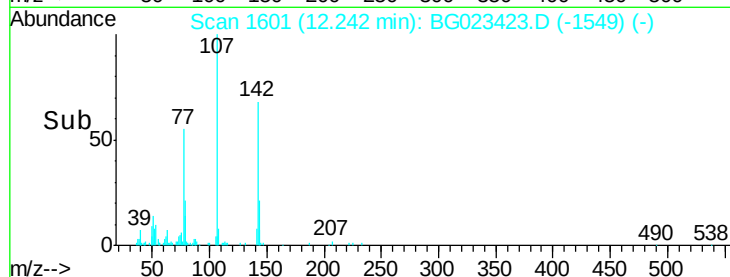
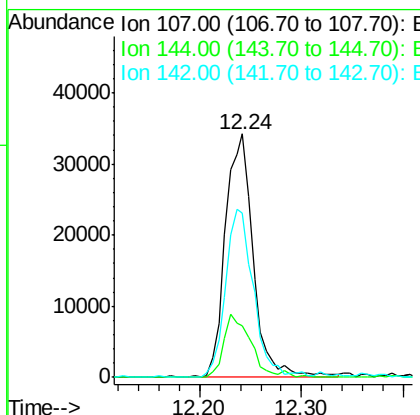
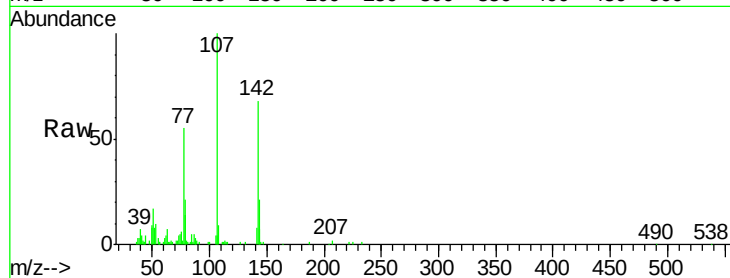
#36
4-Chloro-3-methylphenol
Concen: 6.20 ng
RT: 12.24 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.1	17.0	25.6
142	67.7	53.0	79.6

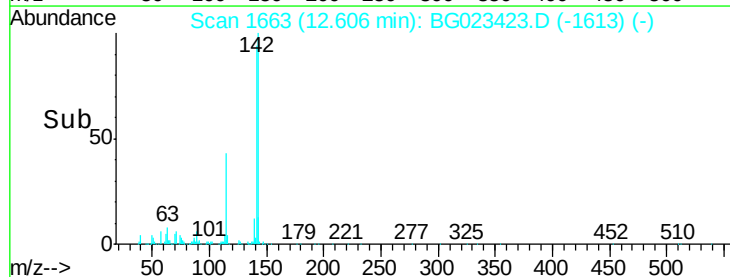
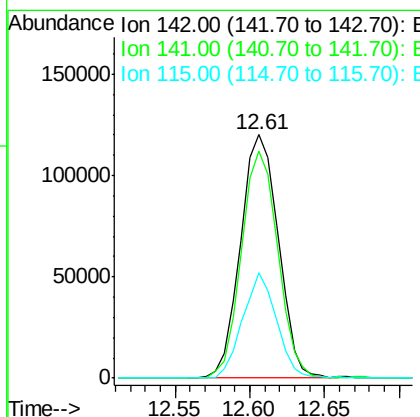
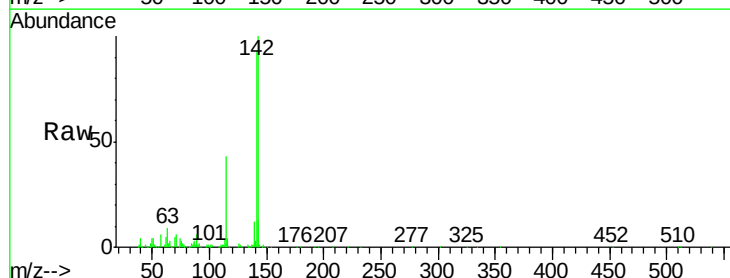
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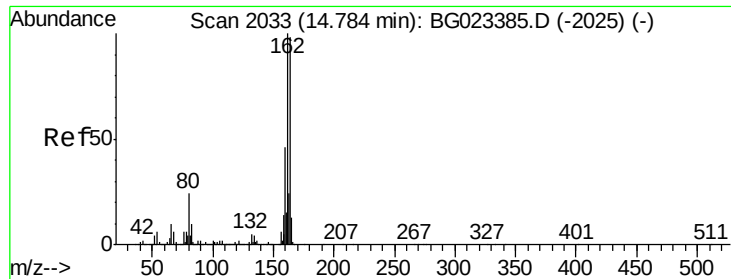
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#37
2-Methylnaphthalene
Concen: 11.00 ng
RT: 12.61 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.2	105.2
115	43.3	41.7	62.5





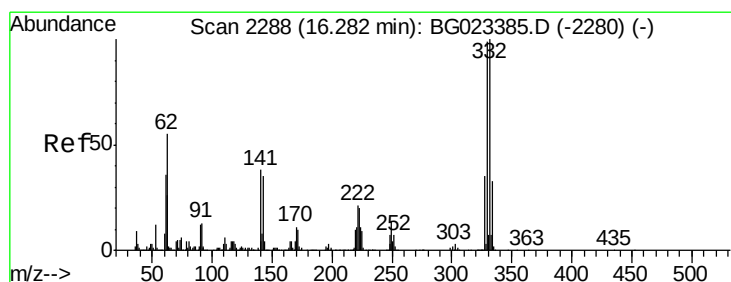
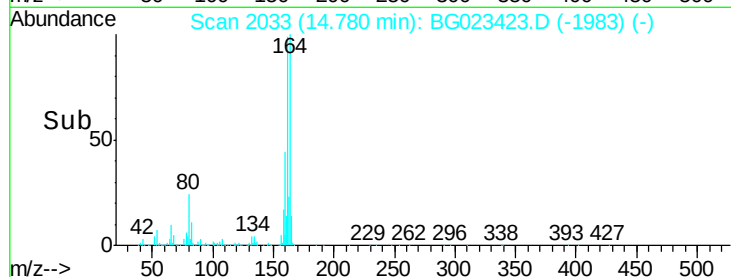
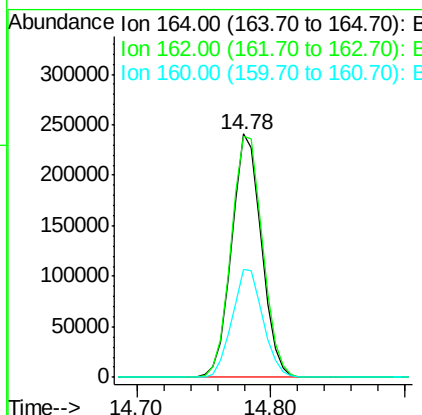
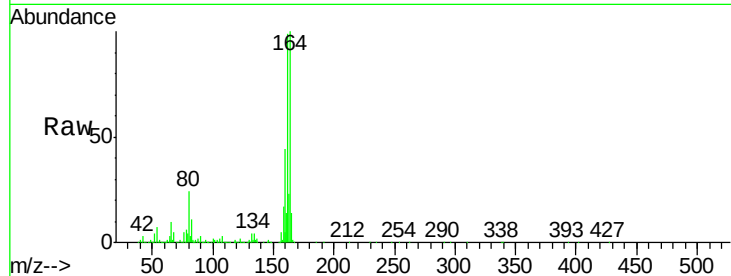
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.7	131.5
160	44.3	37.2	55.8

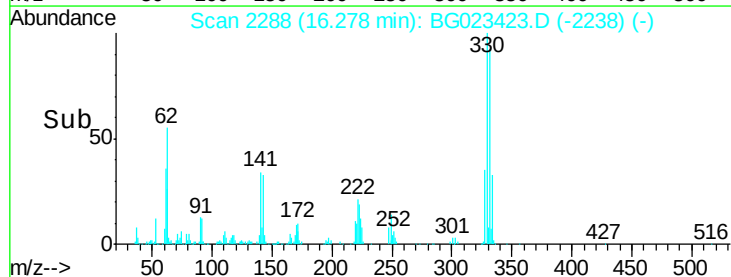
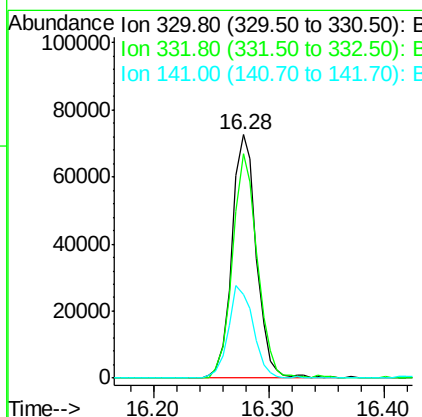
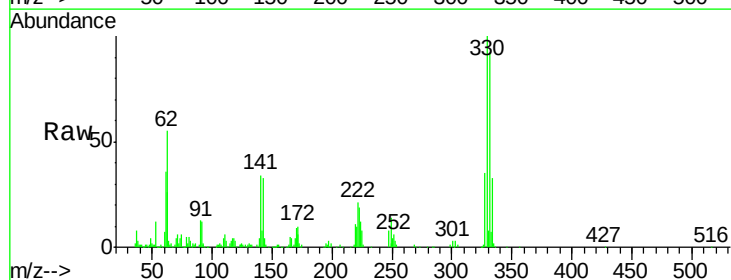
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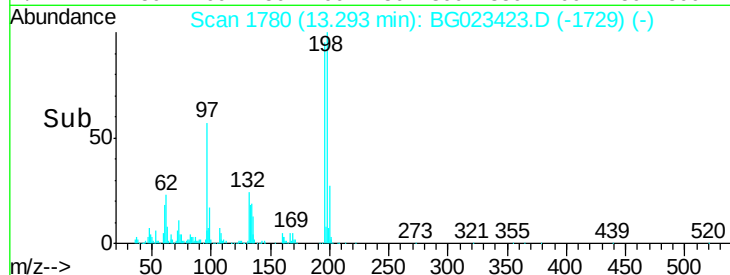
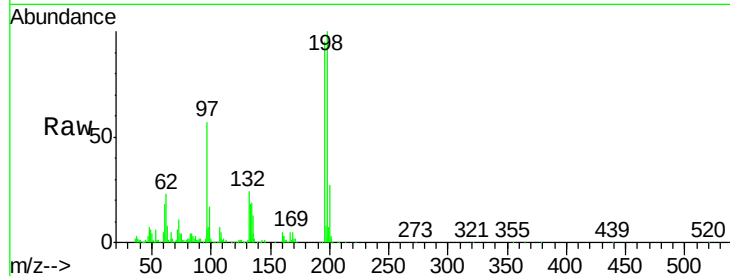
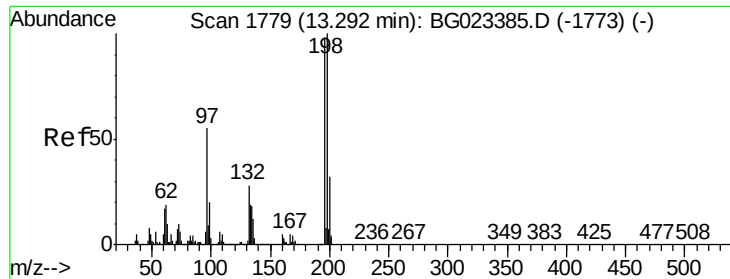
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#41
2,4,6-Tribromophenol
Concen: 19.40 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

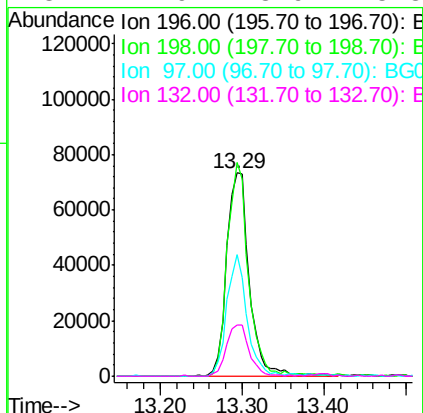
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.4	116.2
141	38.7	31.7	47.5





#43
2,4,5-Trichlorophenol
Concen: 17.12 ng
RT: 13.29 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

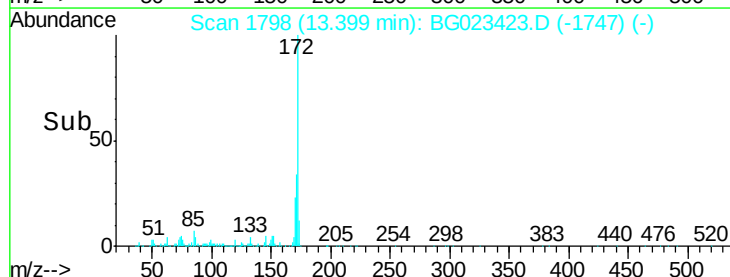
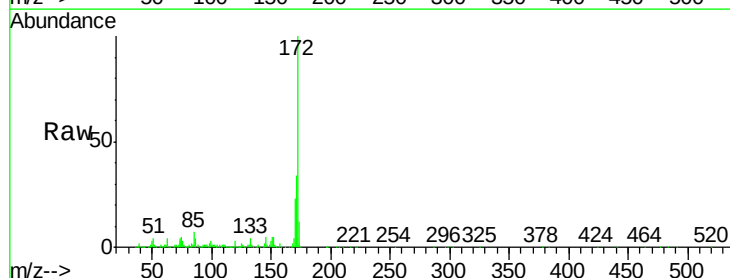
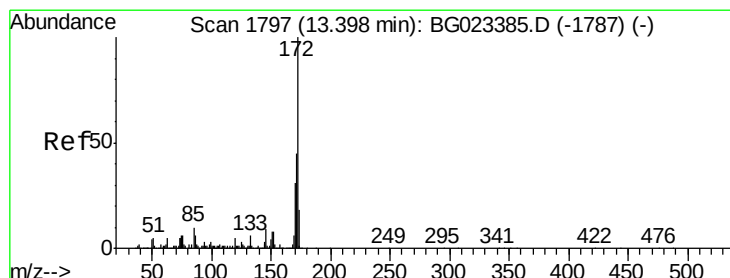
Tot Ion	196	Resp	142397
Ion Ratio	Lower	Upper	
196	100		
198	105.0	85.7	128.5
97	60.1	45.5	68.3
132	24.9	18.9	28.3



Instrument :
BNA_G
ClientSampled :
9524DL

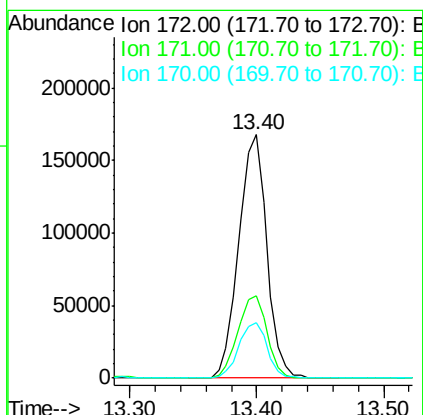
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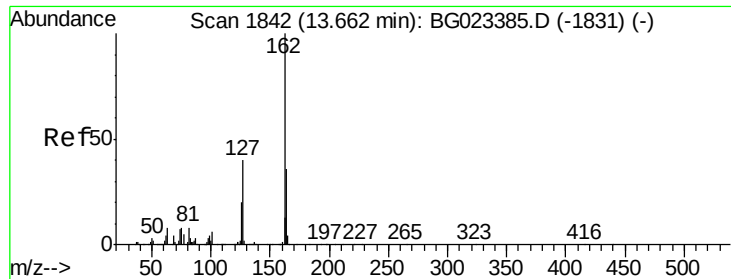
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#44
2-Fluorobiphenyl
Concen: 11.58 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	172	Resp	256879
Ion Ratio	Lower	Upper	
172	100		
171	34.0	31.6	47.4
170	22.9	21.3	31.9





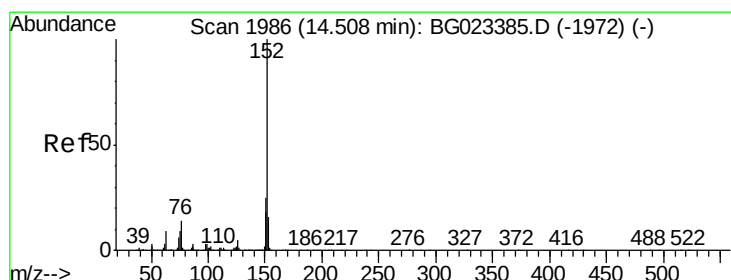
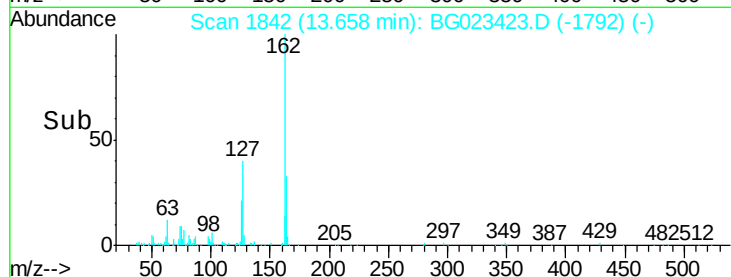
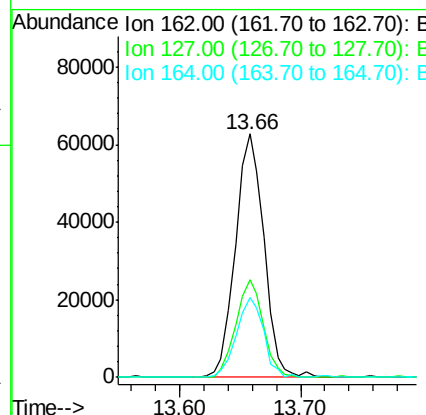
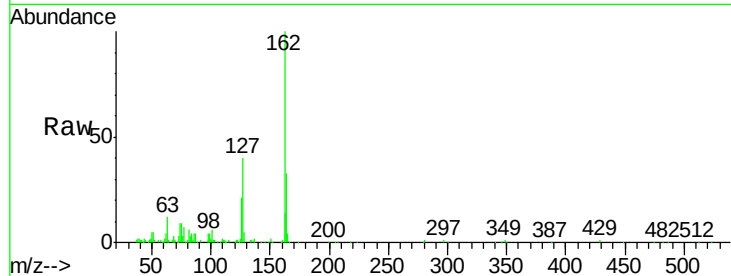
#46
2-Chloronaphthalene
Concen: 4.66 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.4	48.6
164	32.6	25.2	37.8

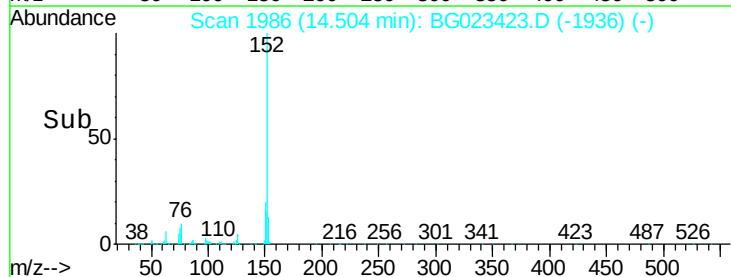
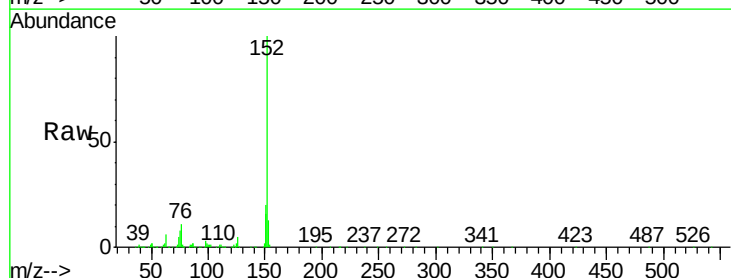
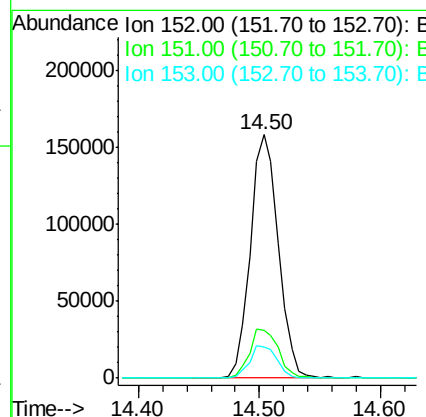
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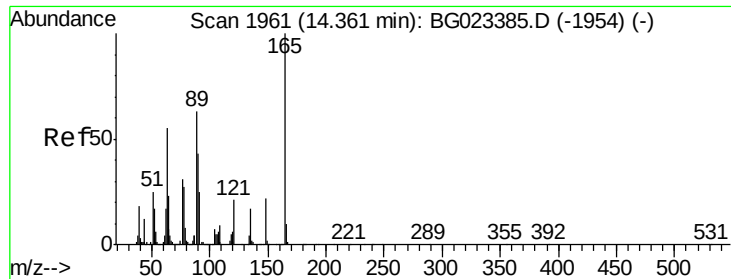
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#48
Acenaphthylene
Concen: 7.31 ng
RT: 14.50 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.6	26.4
153	13.0	11.4	17.2





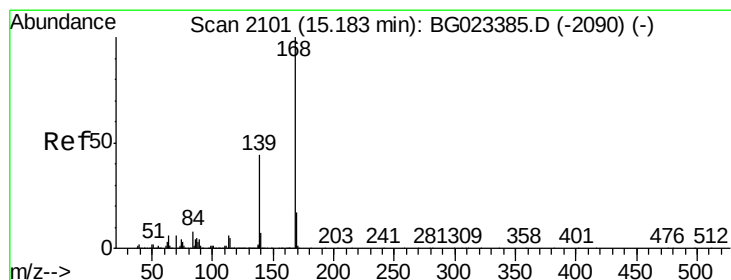
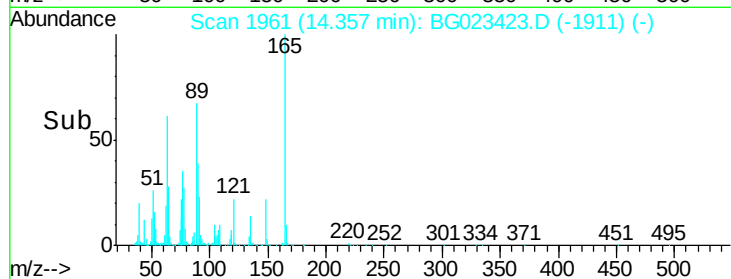
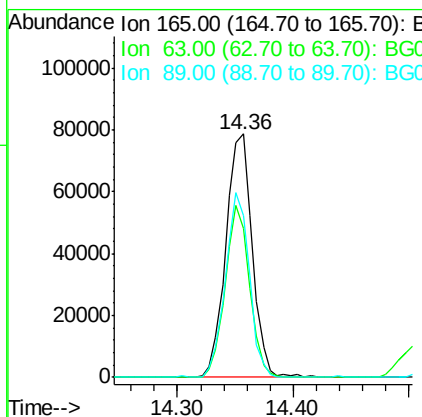
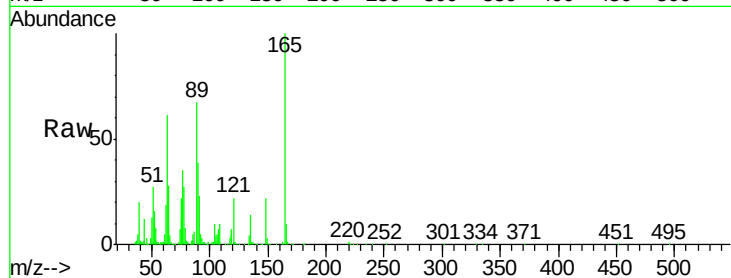
#50
2,6-Dinitrotoluene
Concen: 18.28 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampled :
9524DL

Tot Ion	Ratio	Resp	Lower	Upper
165	100	124251		
63	61.3	64.3	96.5#	
89	66.5	64.3	96.5	

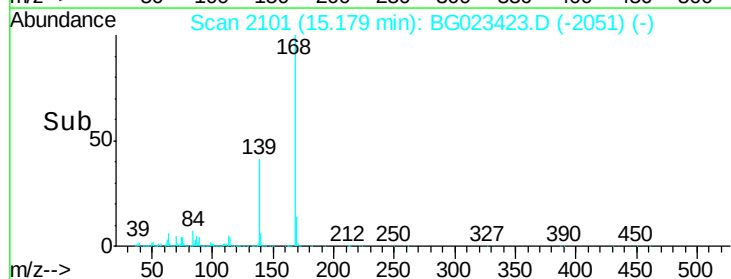
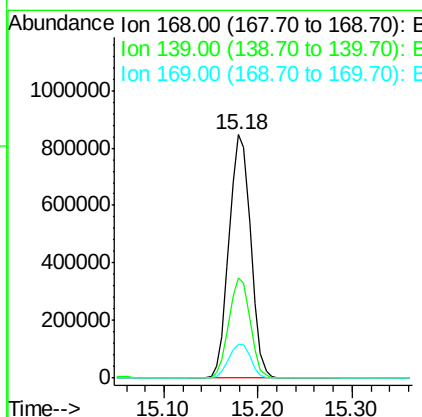
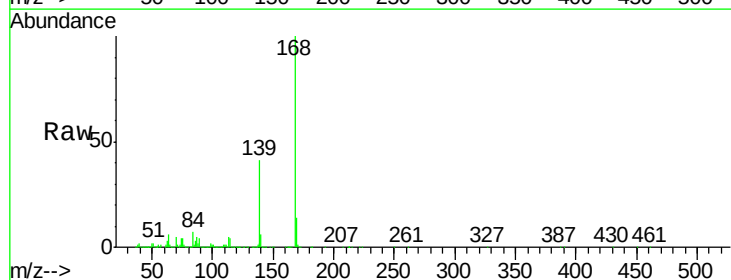
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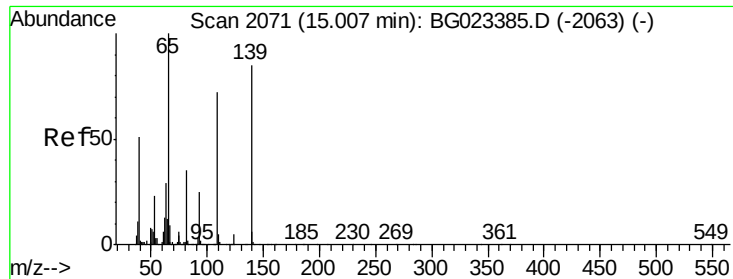
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#54
Dibenzofuran
Concen: 42.20 ng
RT: 15.18 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1357192		
139	41.4	36.4	54.6	
169	13.6	11.9	17.9	





#55

4-Nitrophenol

Concen: 10.47 ng

RT: 15.01 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

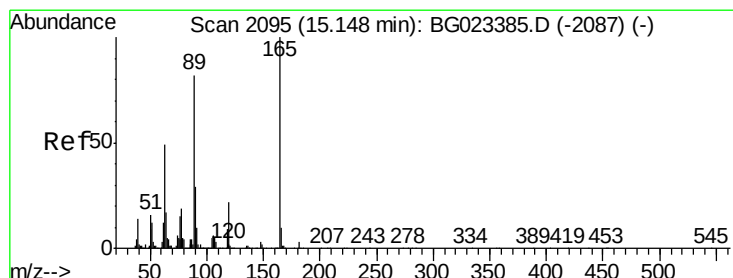
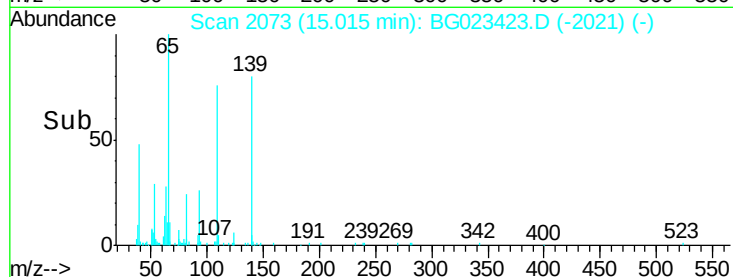
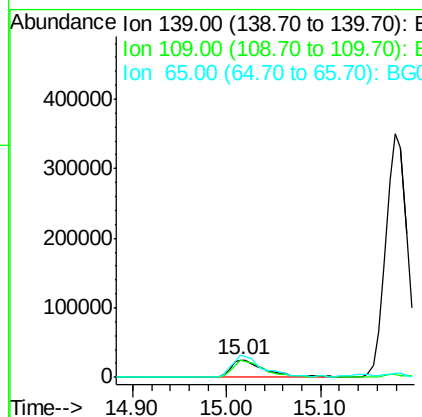
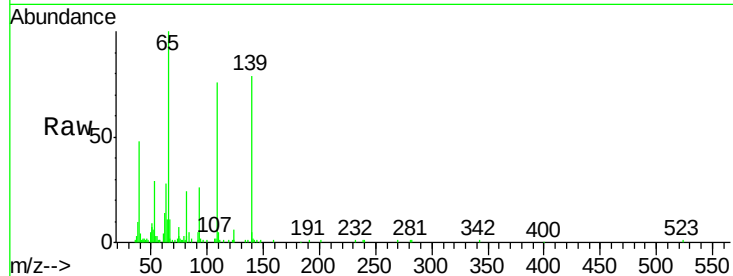
ClientSampleId :

9524DL

Tot Ion	Ratio	Lower	Upper
139	100		
109	95.6	103.0	143.0#
65	126.1	112.7	152.7

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#56

2,4-Dinitrotoluene

Concen: 7.56 ng

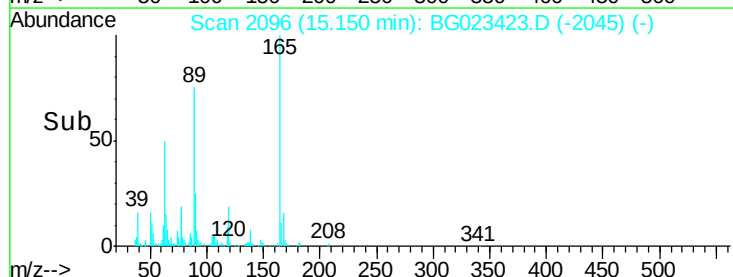
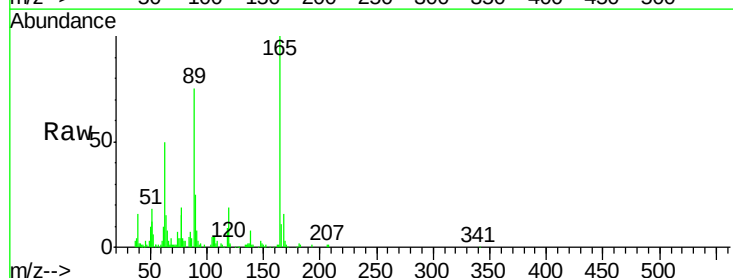
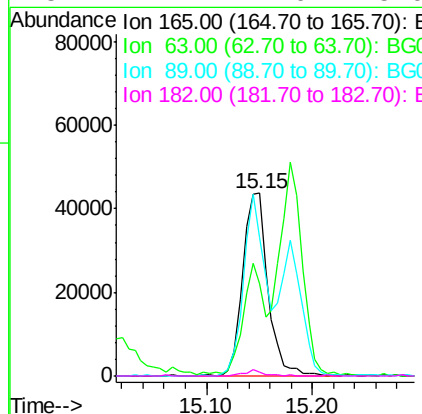
RT: 15.15 min Scan# 2096

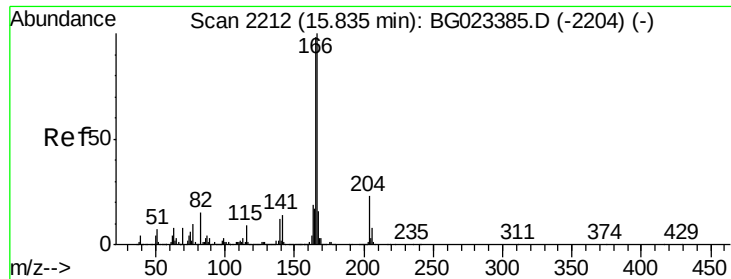
Delta R.T. 0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.4	45.8	68.6
89	75.3	68.6	102.8
182	2.2	2.0	3.0





#57

Fluorene

Concen: 26.22 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

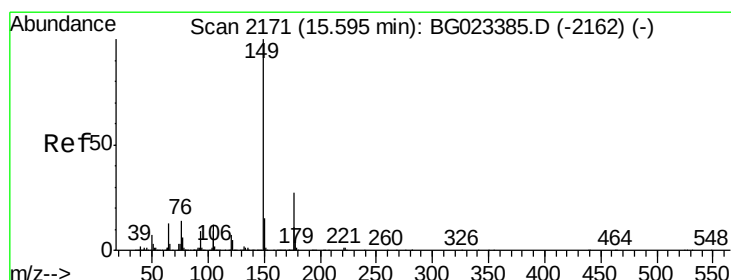
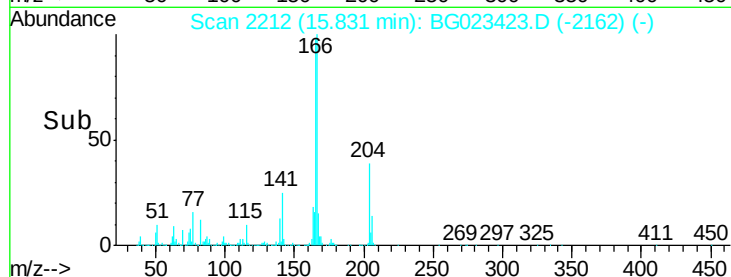
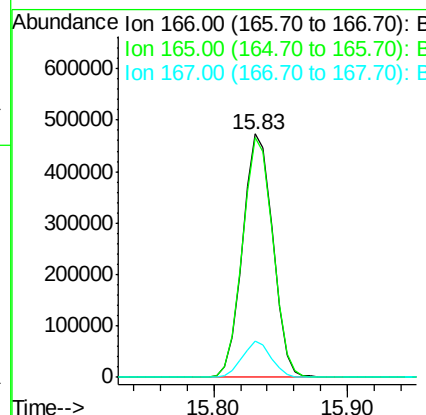
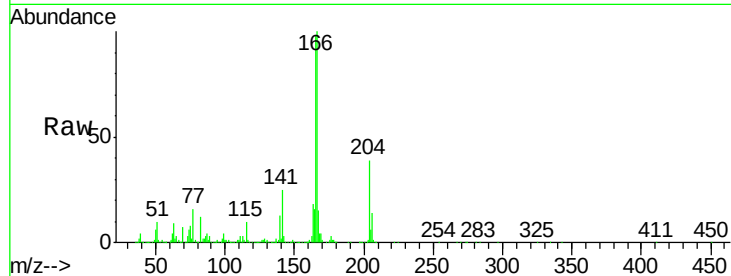
ClientSampleId :

9524DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.0	121.6
167	15.1	12.0	18.0

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#59

Diethylphthalate

Concen: 37.89 ng

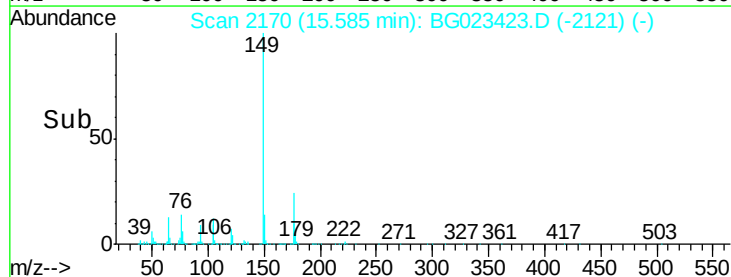
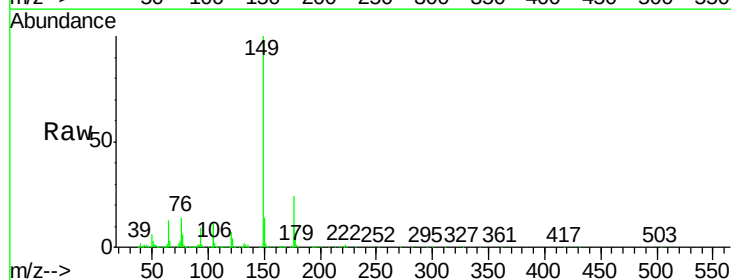
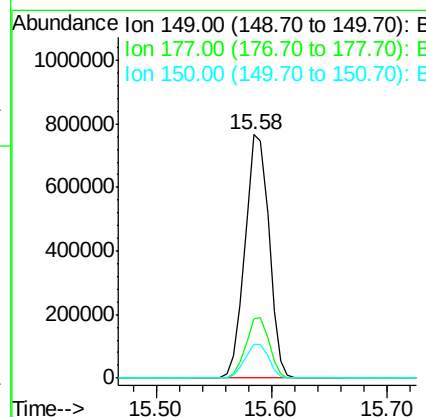
RT: 15.58 min Scan# 2170

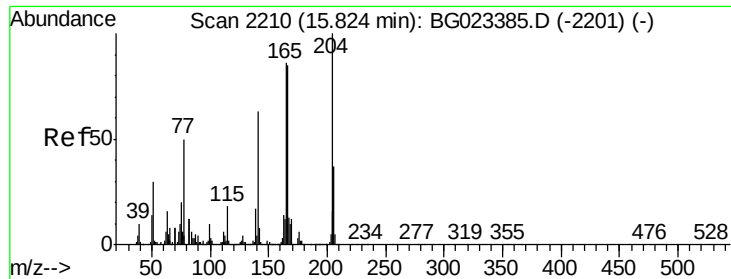
Delta R.T. -0.01 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.2	28.8
150	13.6	10.6	16.0





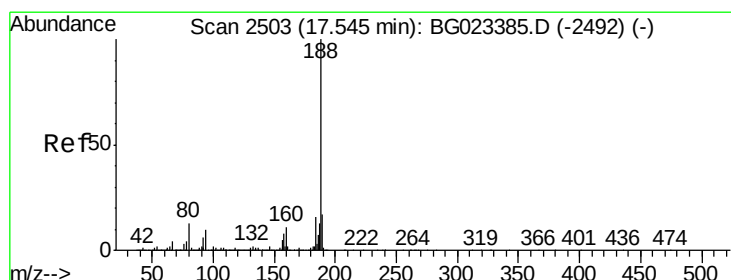
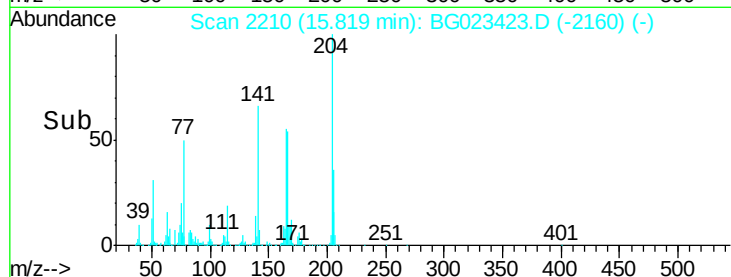
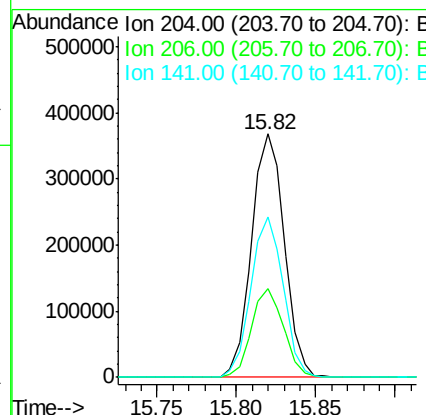
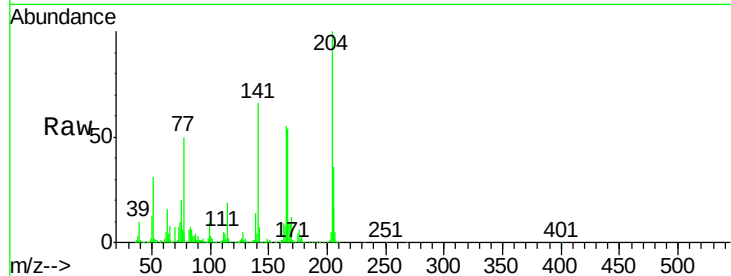
#60
4-Chlorophenyl-phenylether
Concen: 35.68 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampled :
9524DL

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	28.5	42.7
141	66.0	51.4	77.0

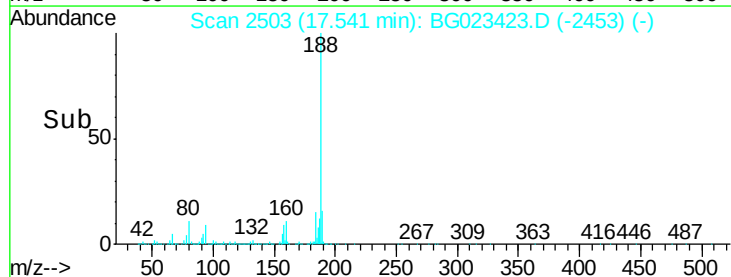
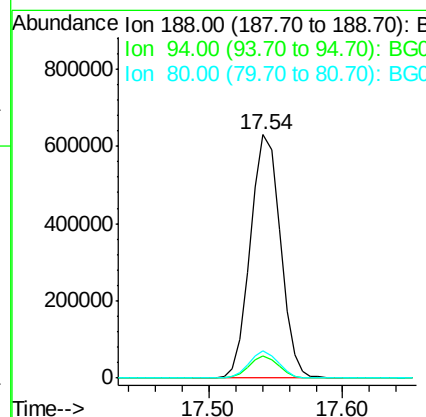
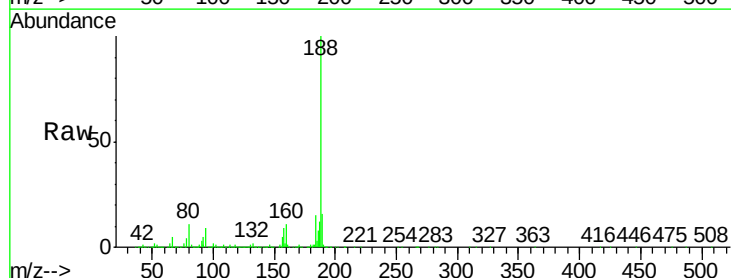
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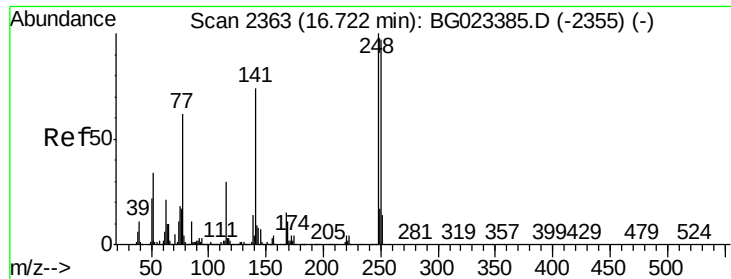
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.2	7.8#
80	11.3	7.2	10.8#





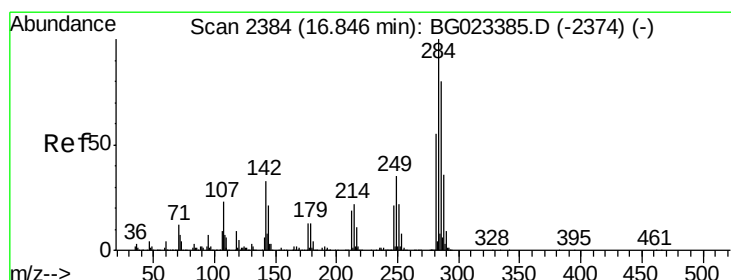
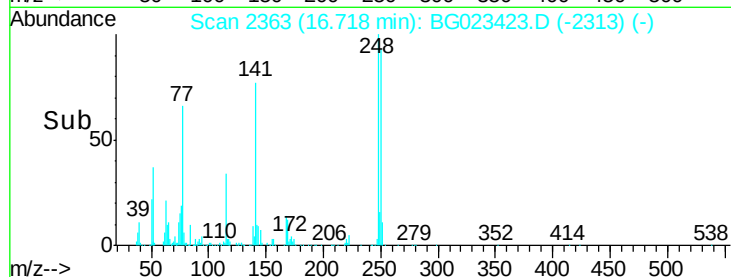
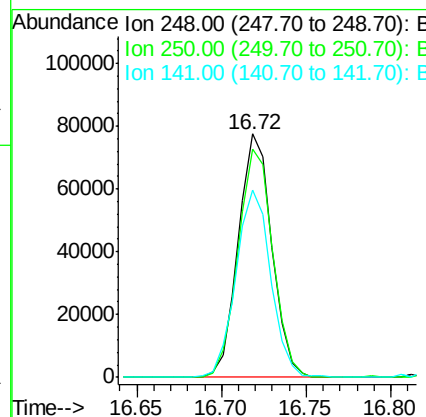
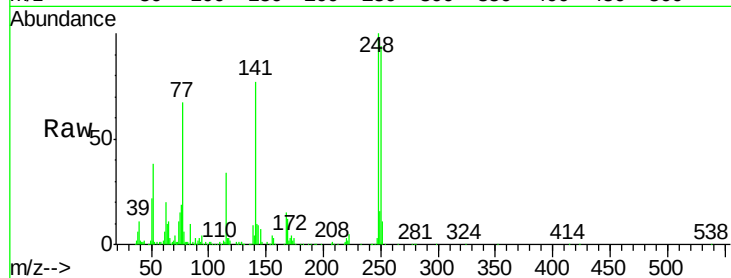
#66
4-Bromophenyl-phenylether
Concen: 9.42 ng
RT: 16.72 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampled :
9524DL

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.8	77.8	116.8
141	77.1	65.7	98.5

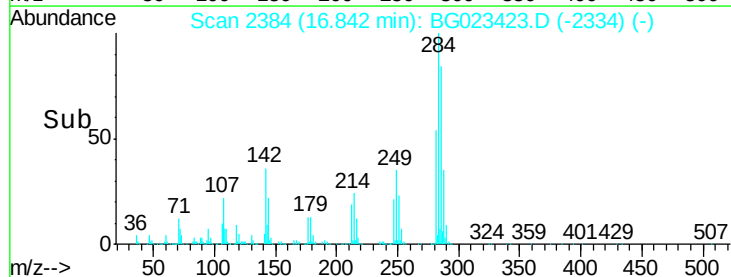
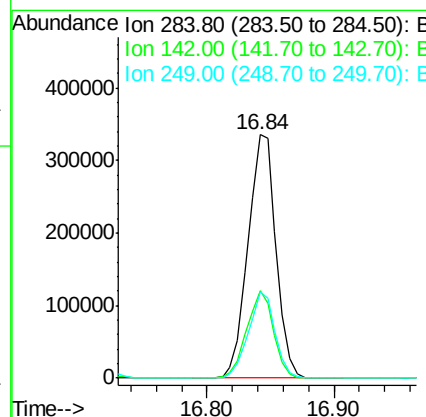
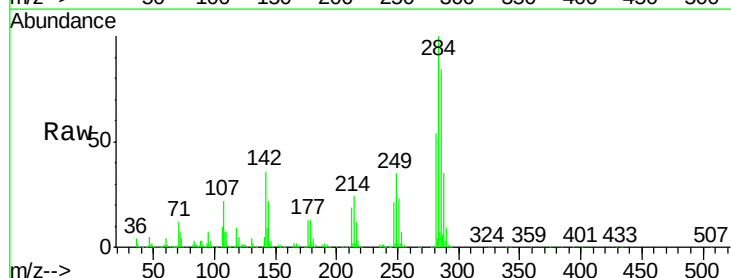
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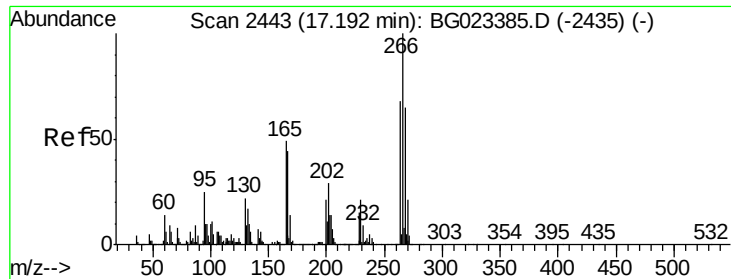
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#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 16.84 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	26.8	40.2
249	35.4	28.9	43.3





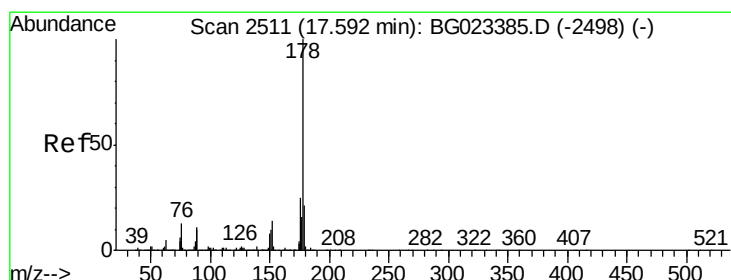
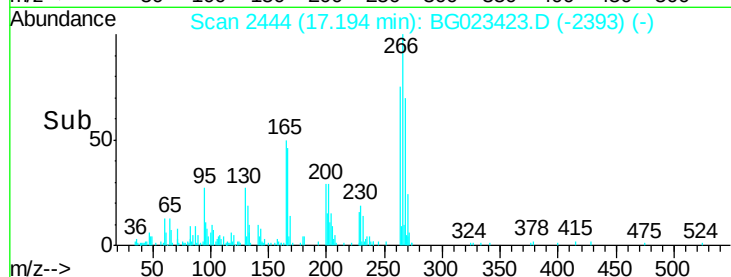
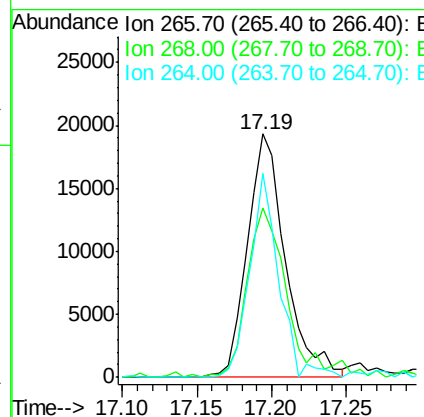
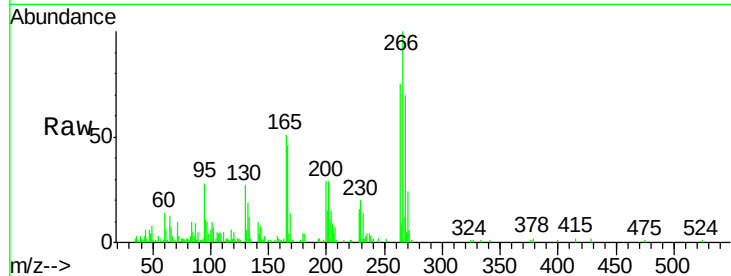
#69
 Pentachlorophenol
 Concen: 4.69 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG023423.D
 Acq: 3 Aug 2016 12:59

Instrument :
 BNA_G
 ClientSampled :
 9524DL

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.8	51.9	77.9
264	83.7	50.6	75.8

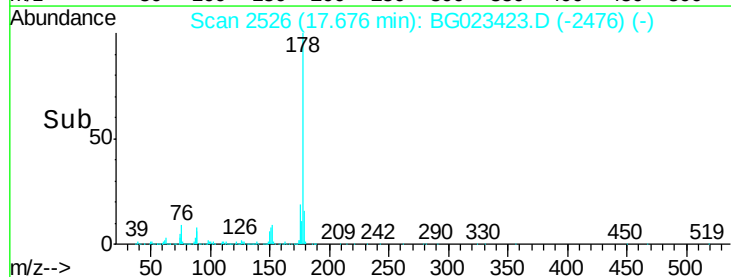
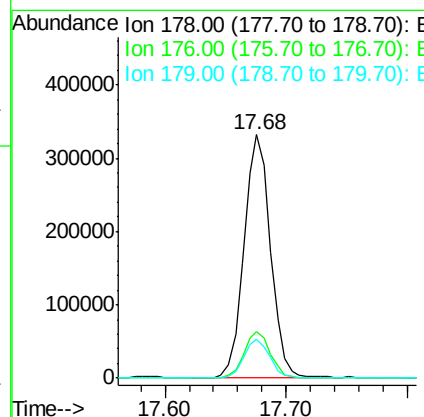
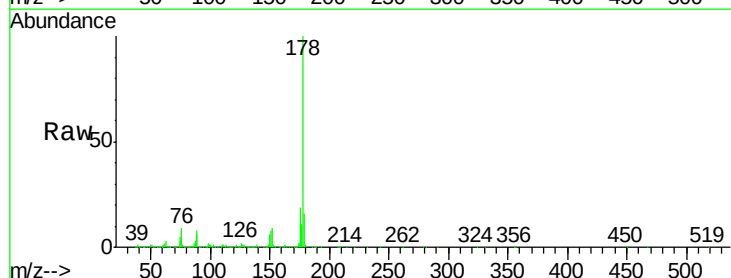
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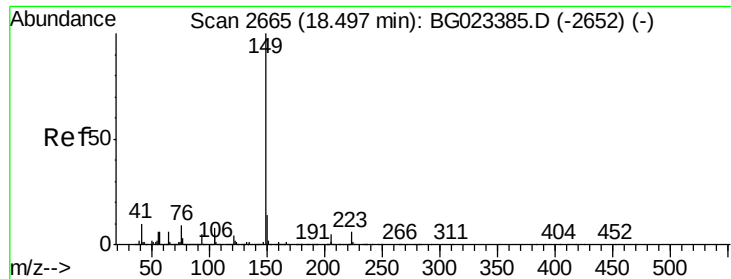
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#71
 Anthracene
 Concen: 10.18 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG023423.D
 Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.3	25.9
179	15.9	14.0	21.0





#73

Di-n-butylphthalate

Concen: 11.96 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

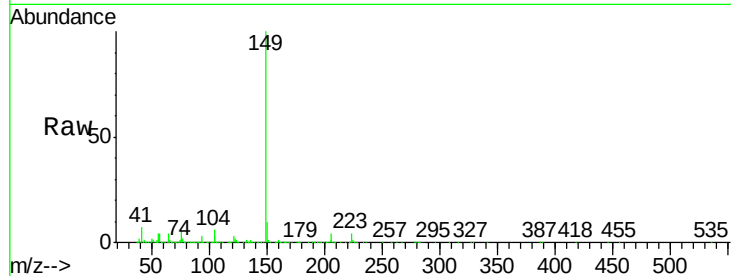
ClientSampleId :

9524DL

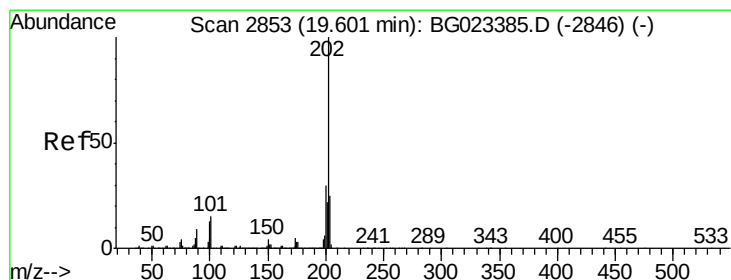
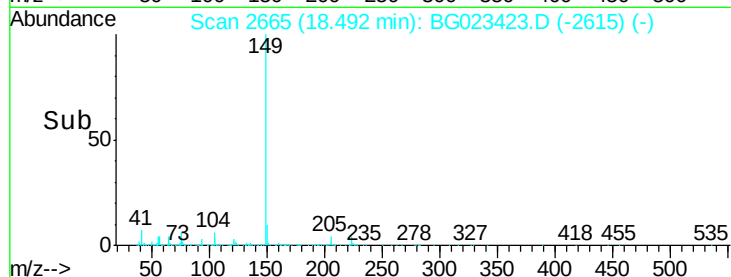
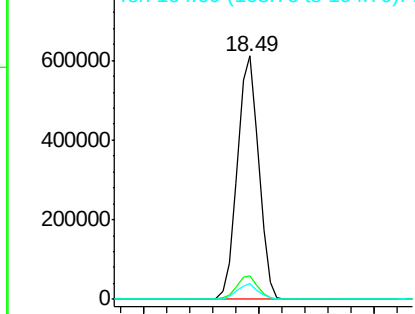
Tot Ion:	149	Resp:	782184
Ion Ratio		Lower	Upper
149	100		
150	9.7	9.1	13.7
104	6.4	6.9	10.3#

Manual Integrations
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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: 5.71 ng

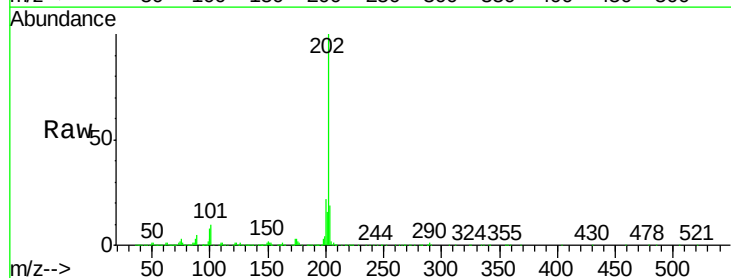
RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

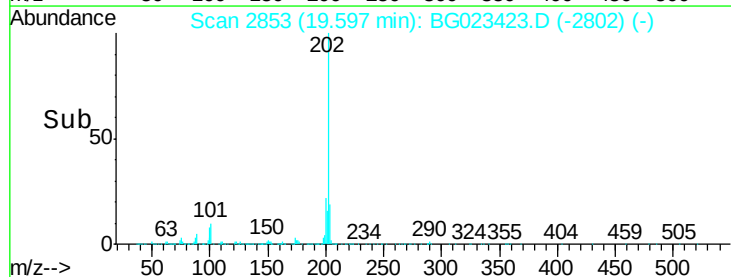
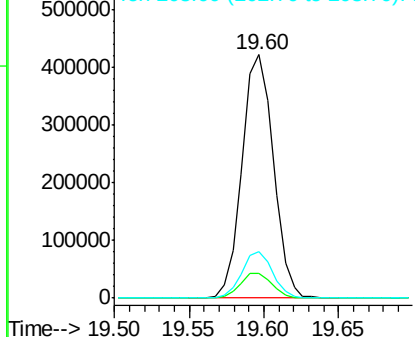
Lab File: BG023423.D

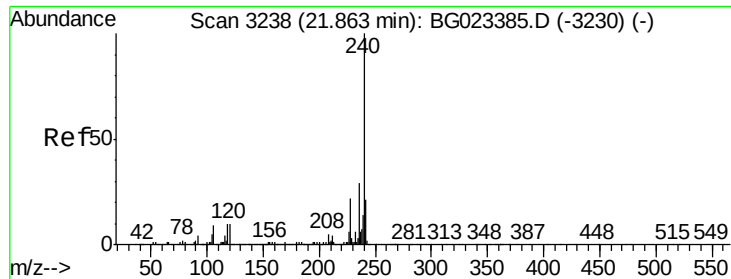
Acq: 3 Aug 2016 12:59

Tgt Ion:	202	Resp:	615329
Ion Ratio		Lower	Upper
202	100		
101	10.1	0.0	27.4
203	18.9	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





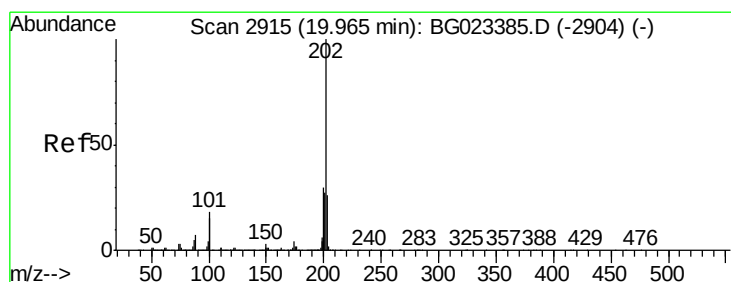
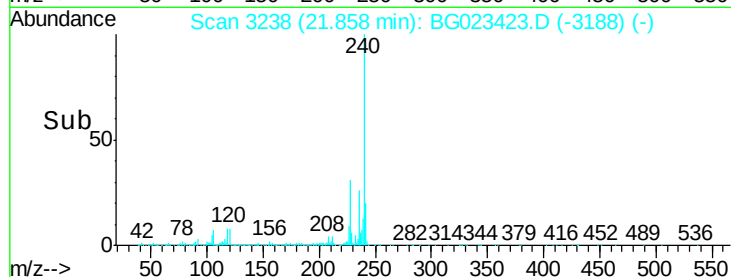
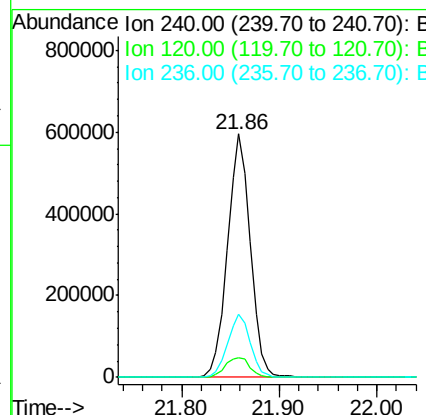
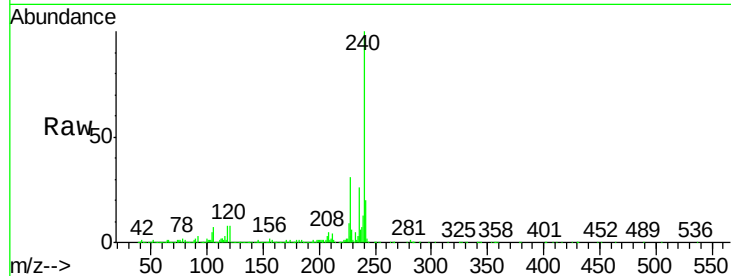
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.1	6.1#
236	26.1	21.1	31.7

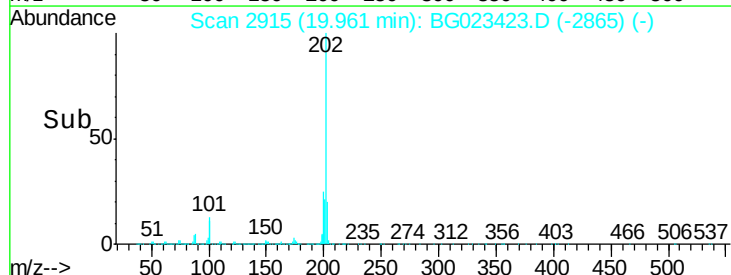
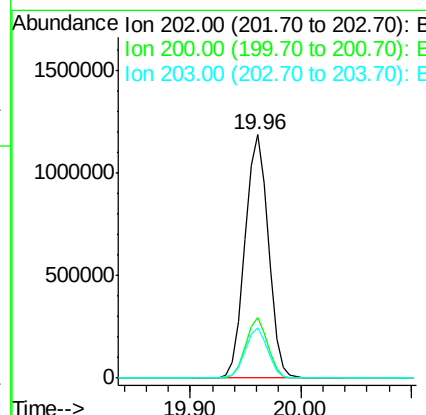
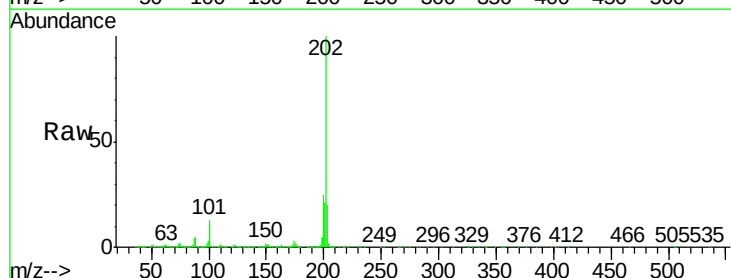
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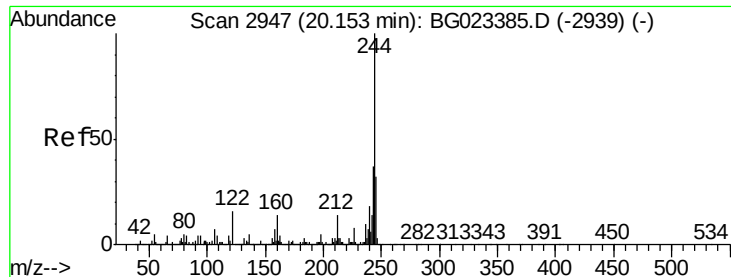
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#77
Pyrene
Concen: 29.82 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.7	21.2	31.8
203	20.5	16.8	25.2





#78

Terphenyl-d14

Concen: 16.67 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Instrument :

BNA_G

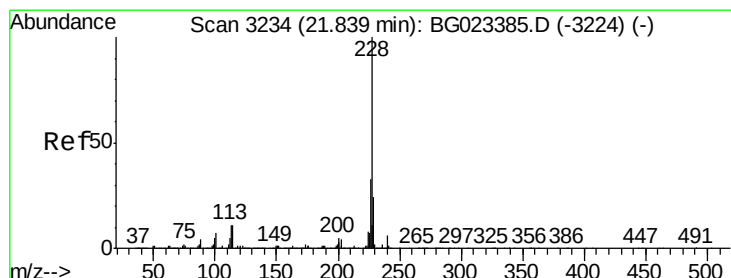
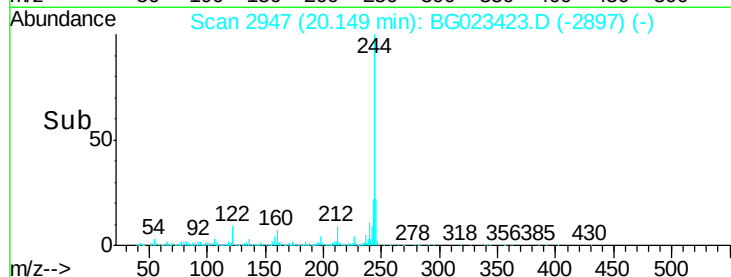
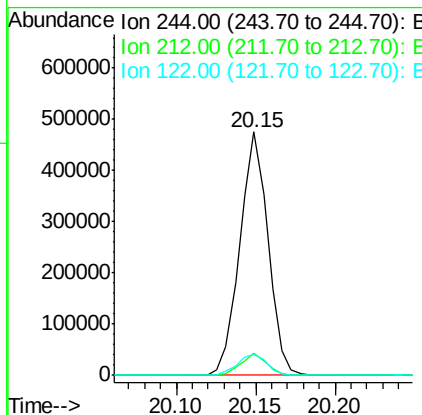
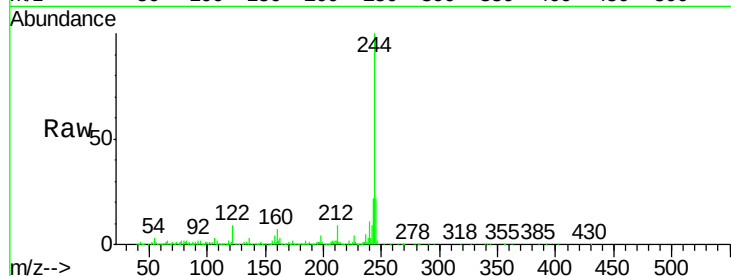
ClientSampleId :

9524DL

Tot Ion:	244	Resp:	585575
Ion Ratio		Lower	Upper
244	100		
212	9.1	10.8	16.2#
122	8.6	8.0	12.0

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#80

Benzo(a)anthracene

Concen: 30.22 ng

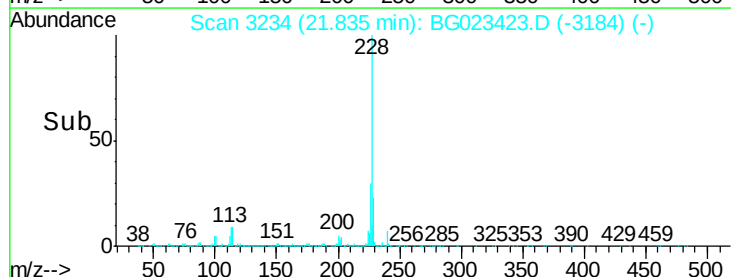
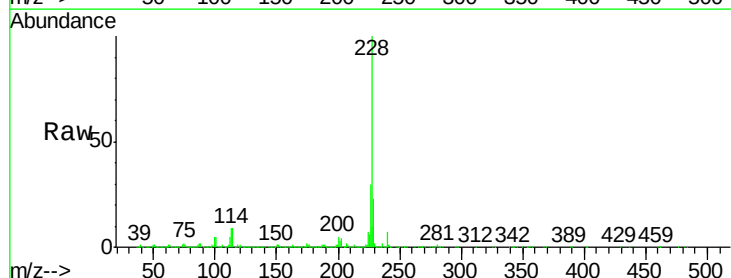
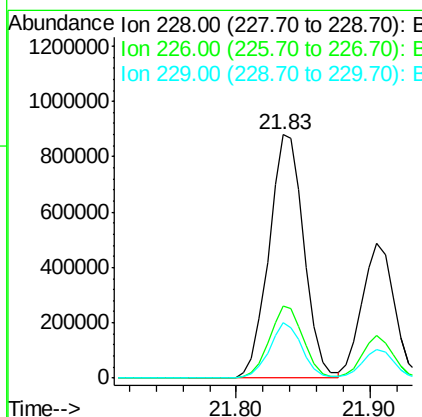
RT: 21.83 min Scan# 3234

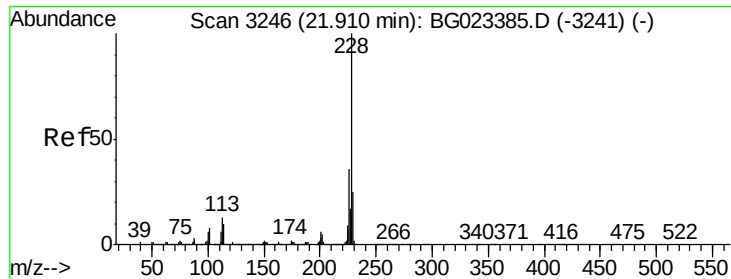
Delta R.T. -0.00 min

Lab File: BG023423.D

Acq: 3 Aug 2016 12:59

Tgt Ion:	228	Resp:	1599133
Ion Ratio		Lower	Upper
228	100		
226	29.8	25.3	37.9
229	22.8	19.9	29.9





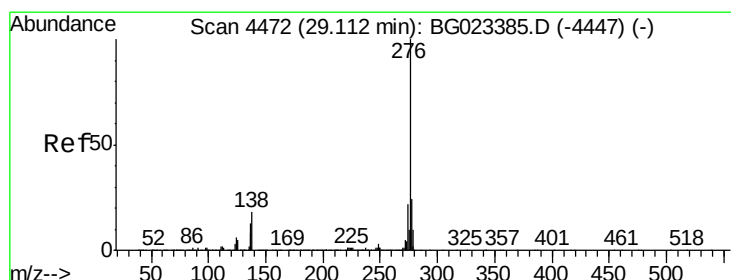
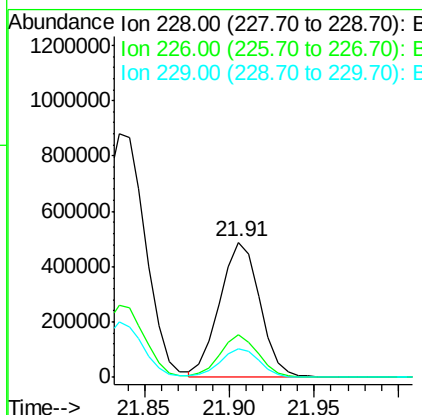
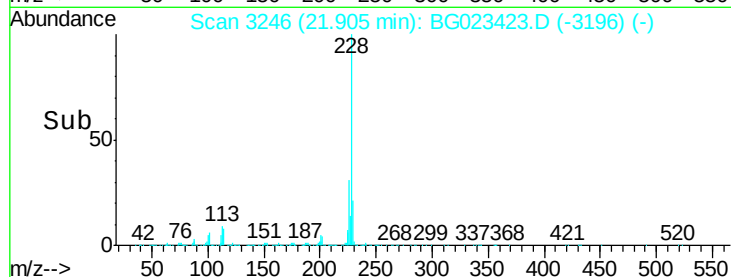
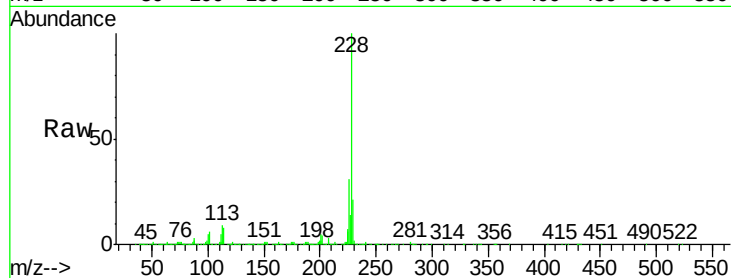
#82
Chrysene
Concen: 16.02 ng
RT: 21.91 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampled :
9524DL

Tot Ion:	228	Resp:	806674
Ion Ratio	Lower	Upper	
228	100		
226	31.1	26.7	40.1
229	20.9	17.4	26.2

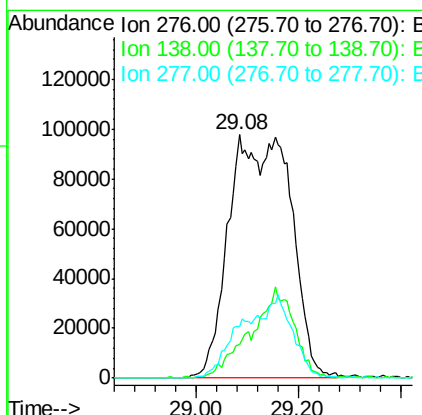
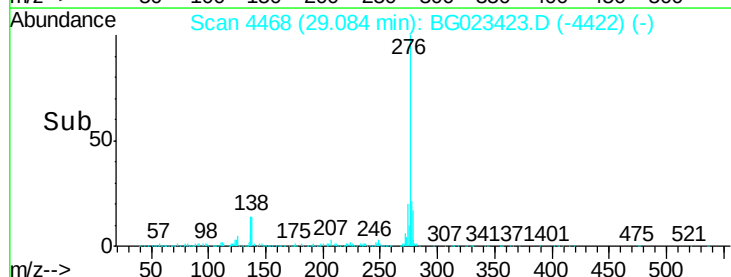
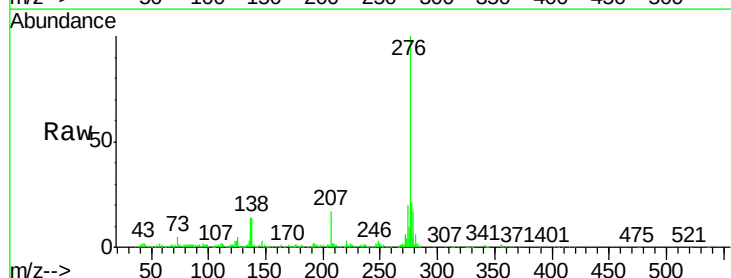
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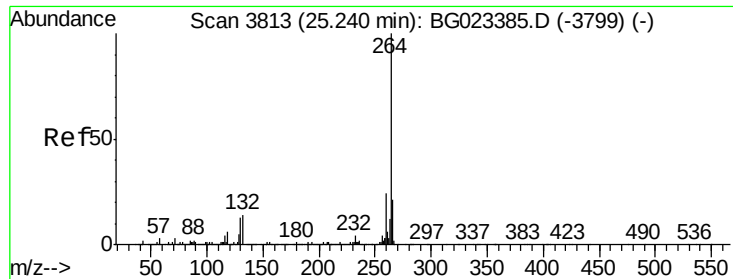
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8/4/2016 6:09:18 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 13.05 ng m
RT: 29.08 min Scan# 4468
Delta R.T. -0.03 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion:	276	Resp:	820661
Ion Ratio	Lower	Upper	
276	100		
138	6.5	0.0	0.0#
277	9.6	0.0	0.0#





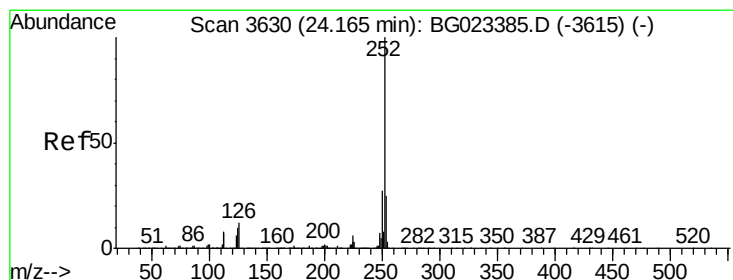
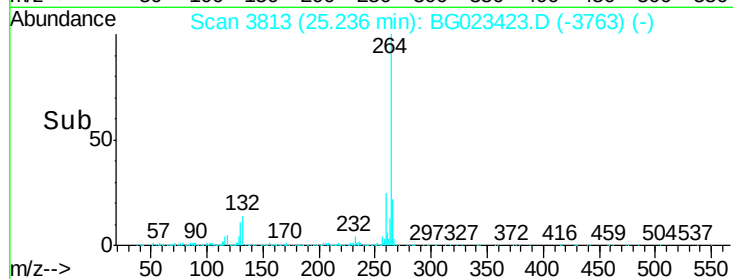
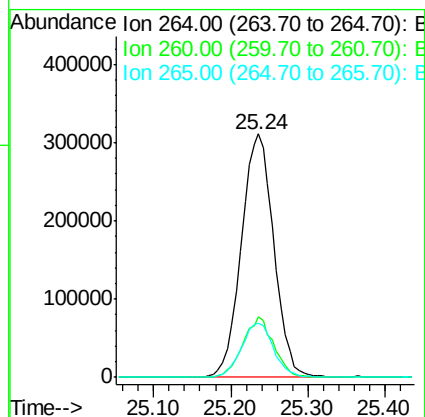
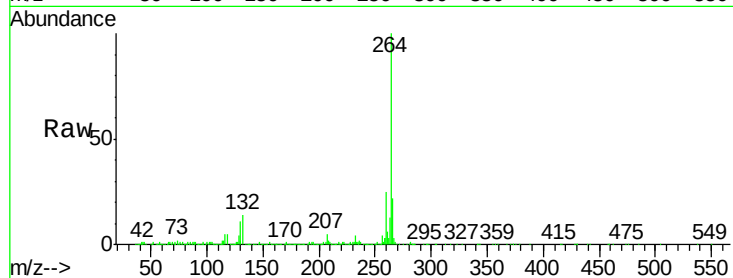
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.0	18.9	28.3

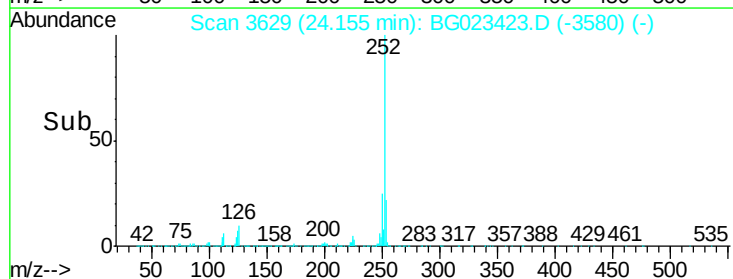
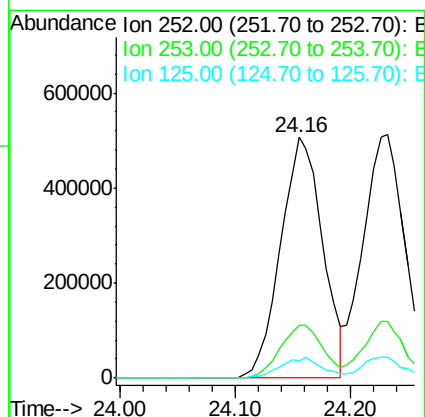
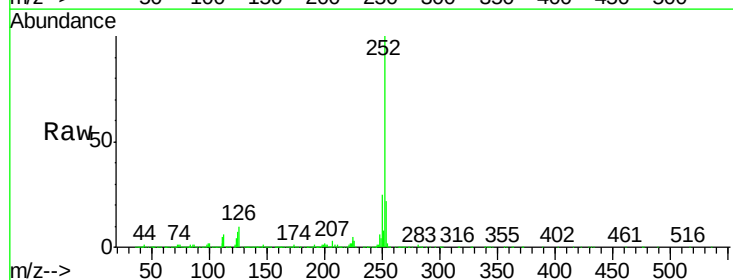
Manual Integrations
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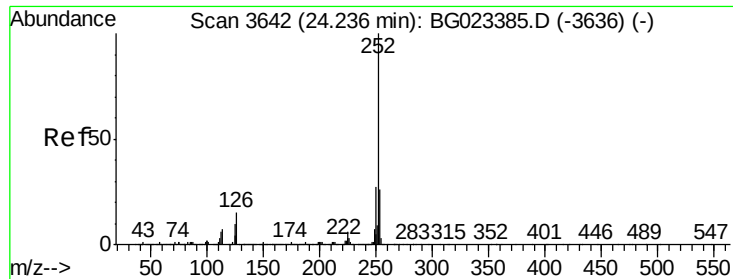
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8/4/2016 6:09:18 PM



#87
Benzo(b)fluoranthene
Concen: 24.71 ng
RT: 24.16 min Scan# 3629
Delta R.T. -0.01 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	7.3	3.9	5.9#





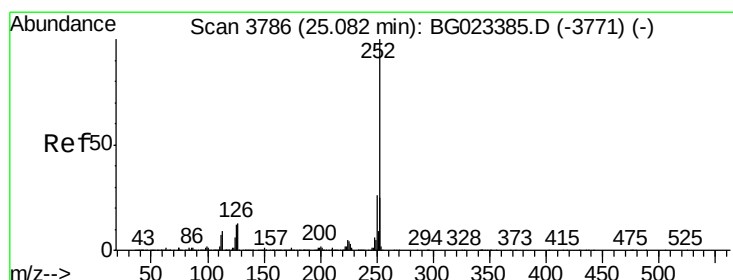
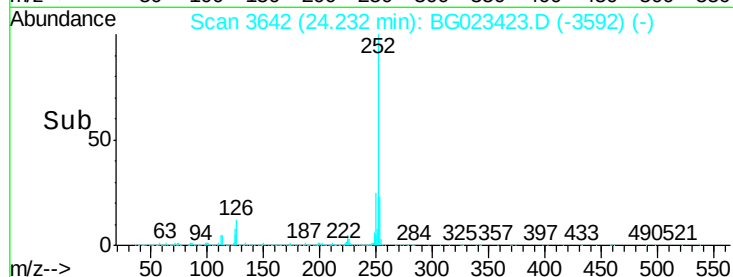
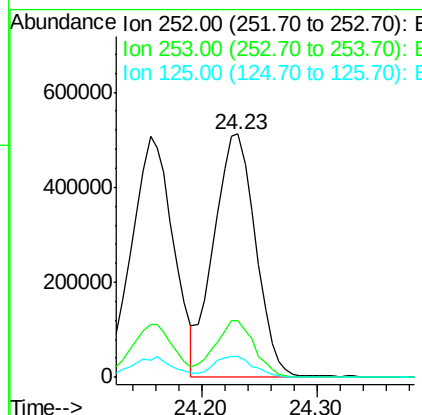
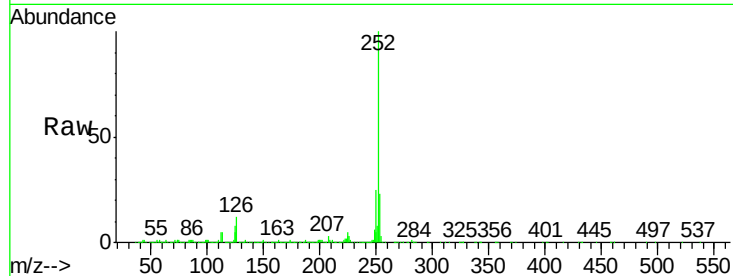
#88
Benzo(k)fluoranthene
Concen: 25.74 ng
RT: 24.23 min Scan# 3642
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleId :
9524DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	8.4	3.2	4.8#

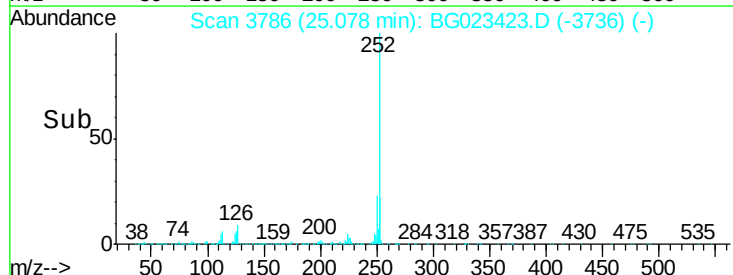
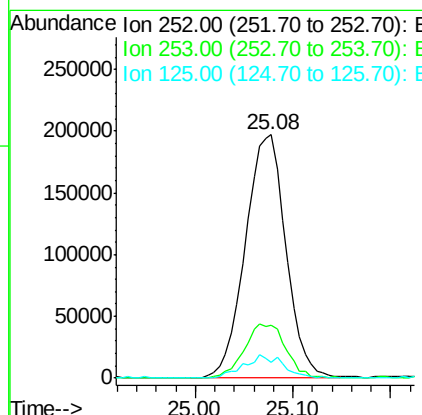
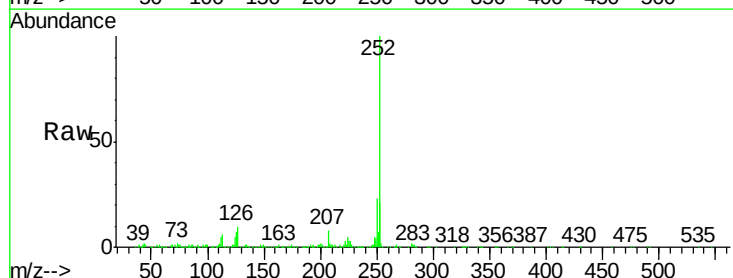
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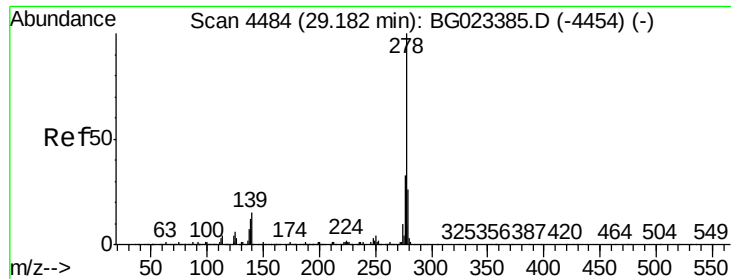
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8/4/2016 6:09:18 PM



#89
Benzo(a)pyrene
Concen: 11.60 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.00 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	6.7	3.9	5.9#





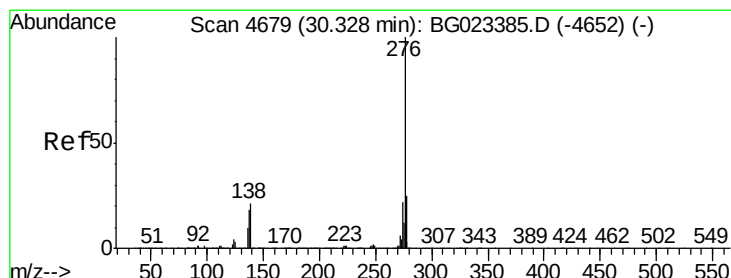
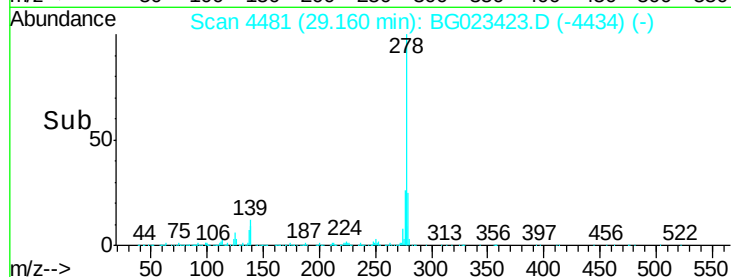
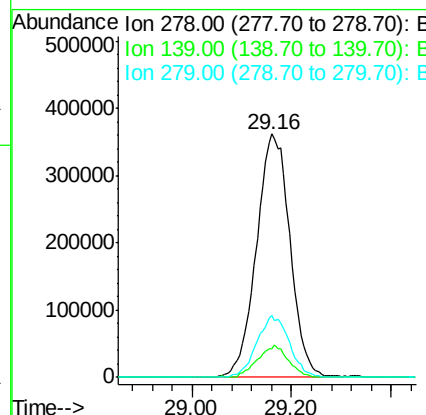
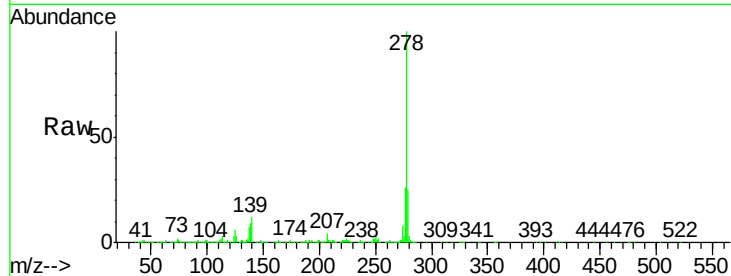
#90
Dibenzo(a,h)anthracene
Concen: 33.74 ng
RT: 29.16 min Scan# 4481
Delta R.T. -0.02 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Instrument :
BNA_G
ClientSampleID :
9524DL

Tot Ion:278 Resp: 1691150
Ion Ratio Lower Upper
278 100
139 11.9 4.7 7.1#
279 25.2 18.3 27.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 21.95 ng
RT: 30.31 min Scan# 4677
Delta R.T. -0.02 min
Lab File: BG023423.D
Acq: 3 Aug 2016 12:59

Tgt Ion:276 Resp: 1107707
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 17.2 6.8 10.2#

