

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
 Data File : BG023933.D
 Acq On : 31 Aug 2016 20:35
 Operator : UM/SJ
 Sample : H3606-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Manual Integrations
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 9/2/2016 7:25:43 AM

Quant Time: Sep 01 03:37:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30758	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	146164	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	121265	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	318863	20.00	ng	0.00
75) Chrysene-d12	21.84	240	355684	20.00	ng	0.00
86) Perylene-d12	25.22	264	339204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	348838	199.12	ng	0.00
7) Phenol-d6	7.26	99	516975	191.70	ng	0.00
23) Nitrobenzene-d5	9.27	82	386205	117.96	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	355133	162.55	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	942081	111.38	ng	0.00
78) Terphenyl-d14	20.13	244	1753451	112.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	12498	17.30	ng	# 87
3) Pyridine	3.91	79	29315	13.50	ng	90
4) n-Nitrosodimethylamine	3.81	42	20746	18.12	ng	# 76
6) Aniline	7.41	93	57731	16.13	ng	89
8) 2-Chlorophenol	7.65	128	42760	21.07	ng	96
9) Benzaldehyde	7.22	77	34356	17.93	ng	90
10) Phenol	7.29	94	62077	21.88	ng	88
11) bis(2-Chloroethyl)ether	7.50	93	35078	15.71	ng	86
12) 1,3-Dichlorobenzene	7.97	146	42210	17.77	ng	98
13) 1,4-Dichlorobenzene	8.12	146	44805	17.80	ng	86
14) 1,2-Dichlorobenzene	8.44	146	42887	18.16	ng	92
15) Benzyl Alcohol	8.34	79	43558	18.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	50207	16.78	ng	90
17) 2-Methylphenol	8.55	107	39996	20.93	ng	96
18) Hexachloroethane	9.17	117	16279	16.80	ng	87
19) n-Nitroso-di-n-propylamine	8.90	70	36454	15.30	ng	95
20) 3+4-Methylphenols	8.88	107	56381	21.17	ng	90
22) Acetophenone	8.92	105	66700	17.63	ng	# 98
24) Nitrobenzene	9.31	77	65137	18.50	ng	96
25) Isophorone	9.84	82	102875	16.20	ng	# 93
26) 2-Nitrophenol	10.03	139	25468	19.03	ng	91
27) 2,4-Dimethylphenol	10.09	122	48811	21.46	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	56437	17.60	ng	96
29) 2,4-Dichlorophenol	10.59	162	53150	22.05	ng	93
30) 1,2,4-Trichlorobenzene	10.77	180	46409	17.56	ng	96
31) Naphthalene	10.97	128	131697	17.49	ng	# 95
32) Benzoic acid	10.25	122	30786	16.67	ng	96
33) 4-Chloroaniline	11.10	127	48340	15.37	ng	92
34) Hexachlorobutadiene	11.24	225	35012	17.64	ng	92
35) Caprolactam	11.91	113	16964m	19.97	ng	
36) 4-Chloro-3-methylphenol	12.23	107	65687	20.40	ng	# 97
37) 2-Methylnaphthalene	12.58	142	106172	18.53	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	68741	17.08	ng	99
40) Hexachlorocyclopentadiene	12.91	237	26663	17.10	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	51340	19.11	ng	88
43) 2,4,5-Trichlorophenol	13.29	196	53354	19.65	ng	94
45) 1,1'-Biphenyl	13.58	154	165848	17.00	ng	99
46) 2-Chloronaphthalene	13.63	162	120827	16.87	ng	93
47) 2-Nitroaniline	13.85	65	51482	18.25	ng	92
48) Acenaphthylene	14.48	152	208364	17.46	ng	97
49) Dimethylphthalate	14.21	163	173592	16.69	ng	96
50) 2,6-Dinitrotoluene	14.33	165	36840	16.78	ng	89
51) Acenaphthene	14.82	154	125382	16.99	ng	95
52) 3-Nitroaniline	14.68	138	30897	15.05	ng	# 76
53) 2,4-Dinitrophenol	14.90	184	18868	17.31	ng	94
54) Dibenzofuran	15.16	168	195585	16.98	ng	98
55) 4-Nitrophenol	15.04	139	25409	15.55	ng	# 83
56) 2,4-Dinitrotoluene	15.13	165	52549	16.29	ng	# 77
57) Fluorene	15.81	166	166179	16.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	49510	17.96	ng	96
59) Diethylphthalate	15.57	149	185682	16.73	ng	94
60) 4-Chlorophenyl-phenylether	15.79	204	93609	17.41	ng	93
61) 4-Nitroaniline	15.86	138	36372	17.52	ng	92
62) Azobenzene	16.09	77	187017	17.40	ng	95
64) 4,6-Dinitro-2-methylphenol	15.91	198	36602	16.53	ng	93
65) n-Nitrosodiphenylamine	16.01	169	161244	17.80	ng	98
66) 4-Bromophenyl-phenylether	16.70	248	65210	16.81	ng	85
67) Hexachlorobenzene	16.82	284	79181	17.40	ng	96
68) Atrazine	16.97	200	68632	17.61	ng	95
69) Pentachlorophenol	17.18	266	39344	16.28	ng	94
70) Phenanthrene	17.57	178	293064	17.67	ng	94
71) Anthracene	17.66	178	291899	17.25	ng	94
72) Carbazole	17.94	167	262659	17.11	ng	95
73) Di-n-butylphthalate	18.47	149	323500	17.66	ng	95
74) Fluoranthene	19.58	202	361007	18.08	ng	93
76) Benzidine	19.76	184	175356	15.92	ng	94
77) Pyrene	19.94	202	374943	17.14	ng	# 91
79) Butylbenzylphthalate	20.81	149	138704	16.45	ng	94
80) Benzo(a)anthracene	21.81	228	353976m	17.78	ng	
81) 3,3'-Dichlorobenzidine	21.73	252	95856	12.04	ng	96
82) Chrysene	21.88	228	331406	17.49	ng	94
83) Bis(2-ethylhexyl)phthalate	21.69	149	192201	16.65	ng	95
84) Di-n-octyl phthalate	22.95	149	314700	16.62	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	354488	16.89	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	332089m	17.23	ng	
88) Benzo(k)fluoranthene	24.20	252	323098	16.91	ng	93
89) Benzo(a)pyrene	25.05	252	309434	16.91	ng	100
90) Dibenzo(a,h)anthracene	29.13	278	300485	16.70	ng	97
91) Benzo(g,h,i)perylene	30.29	276	288614	16.68	ng	99

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

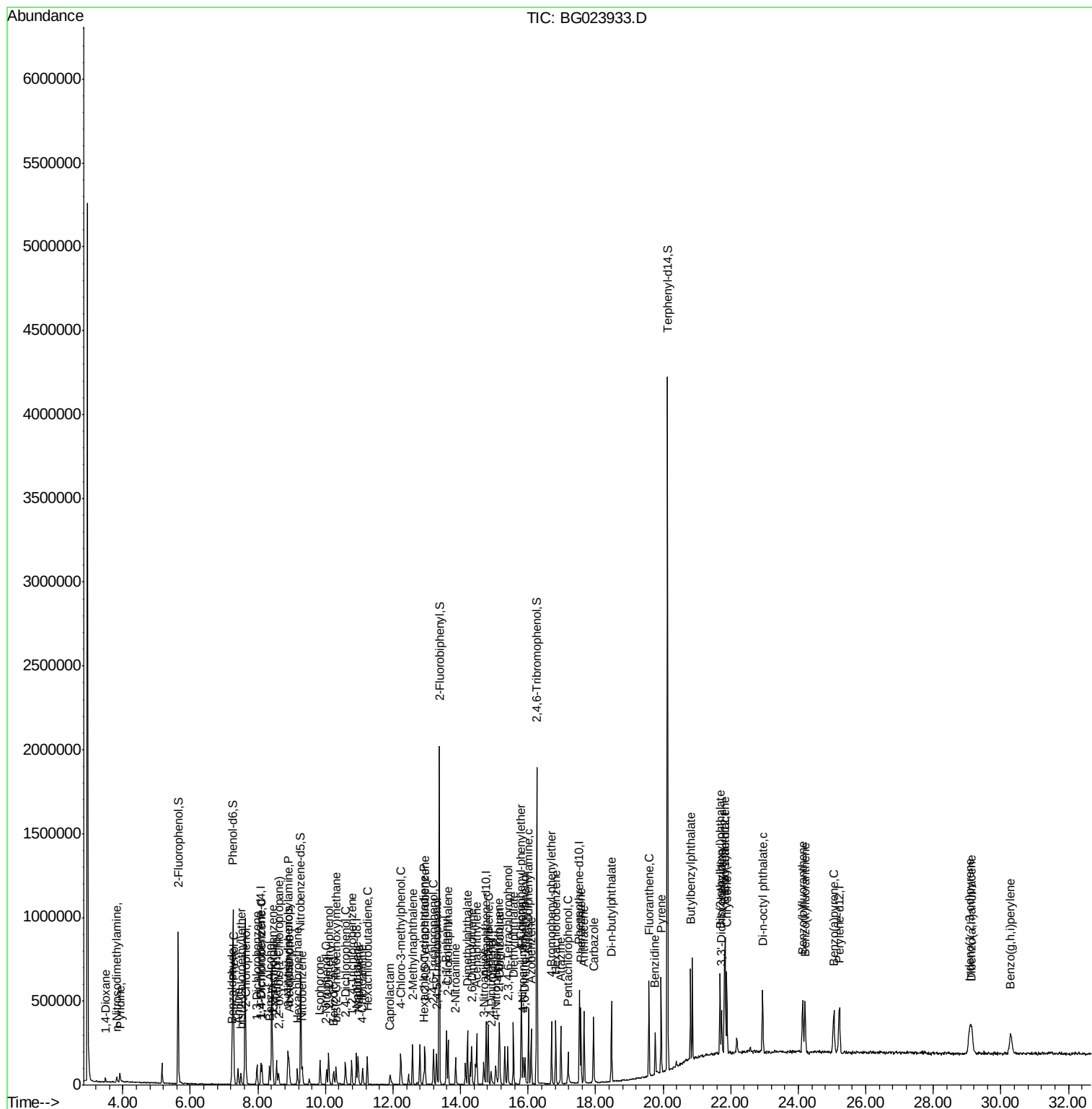
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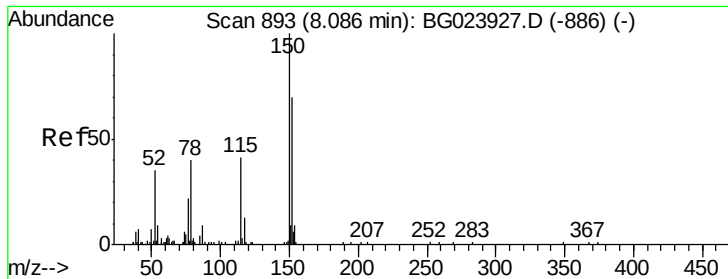
Instrument :
BNA_G
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG023933.D

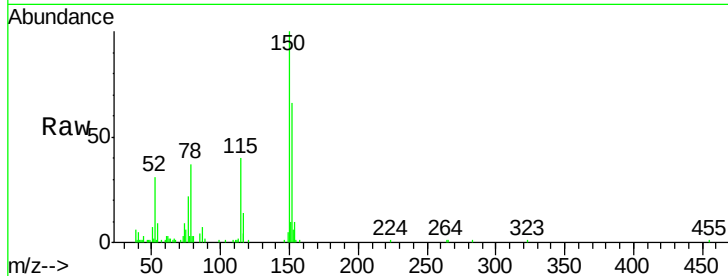
Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 152 Resp: 30758

Ion Ratio Lower Upper

152 100

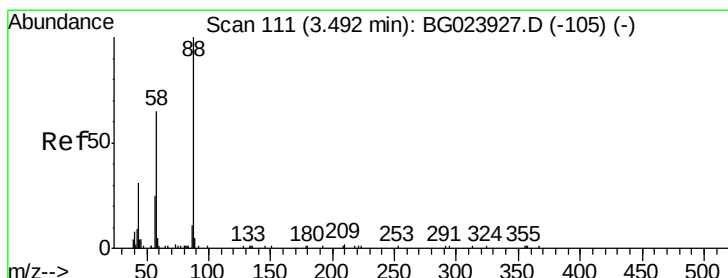
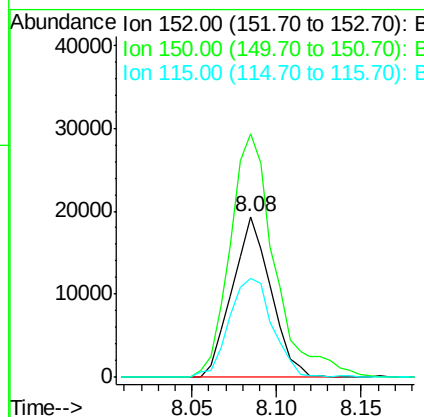
150 151.2 144.7 217.1

115 61.2 64.0 96.0#

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#2

1,4-Dioxane

Concen: 17.30 ng

RT: 3.48 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

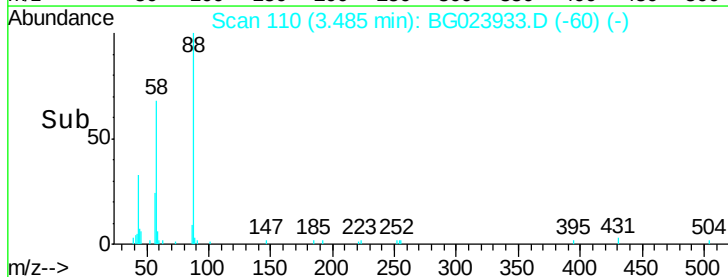
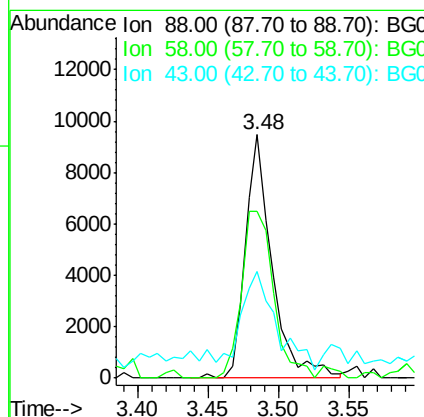
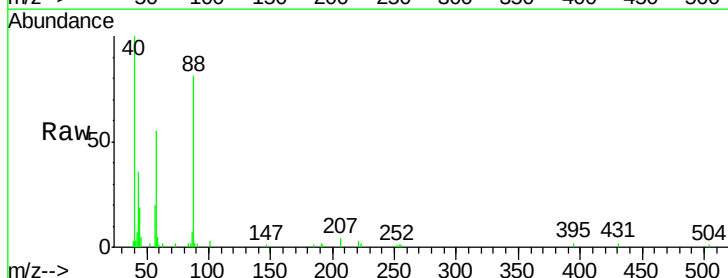
Tgt Ion: 88 Resp: 12498

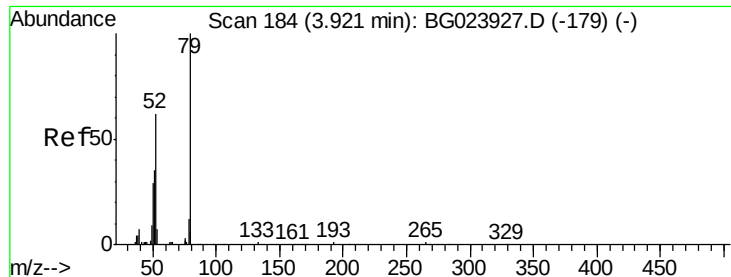
Ion Ratio Lower Upper

88 100

58 82.4 60.4 90.6

43 53.2 31.1 46.7#





#3

Pyridine

Concen: 13.50 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

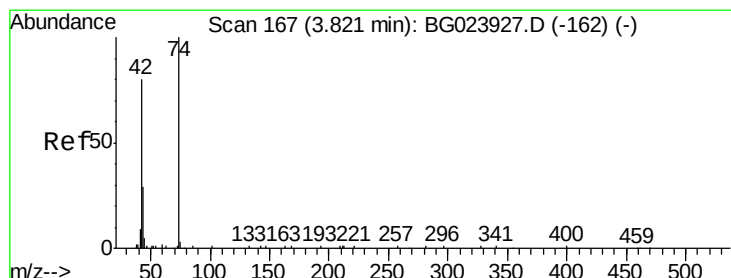
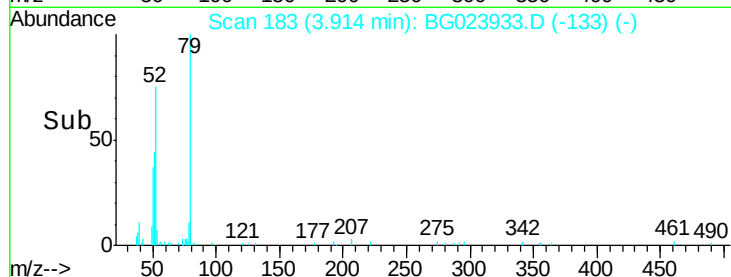
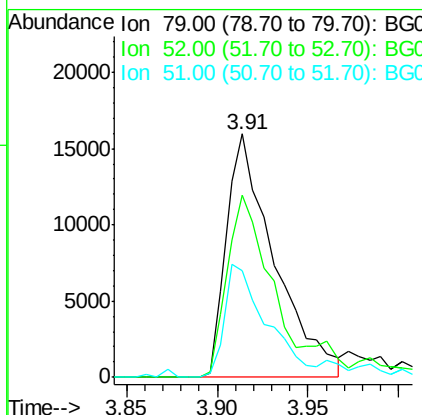
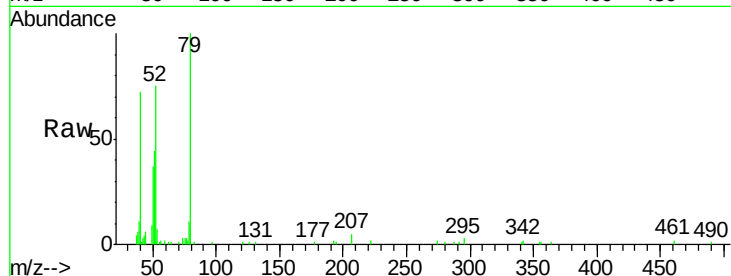
ClientSampleId :

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Tgt Ion:	79	Resp:	29315
Ion	Ratio	Lower	Upper
79	100		
52	75.0	51.8	77.8
51	43.8	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 18.12 ng

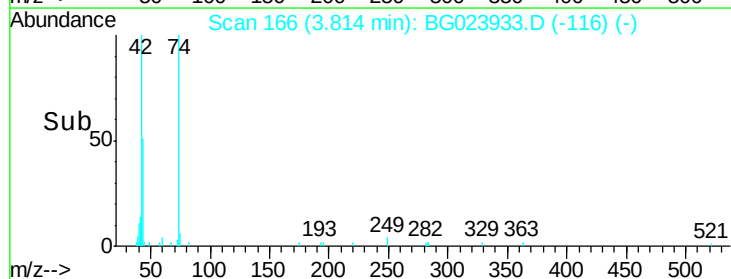
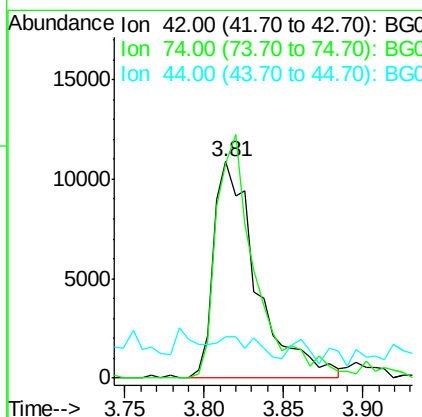
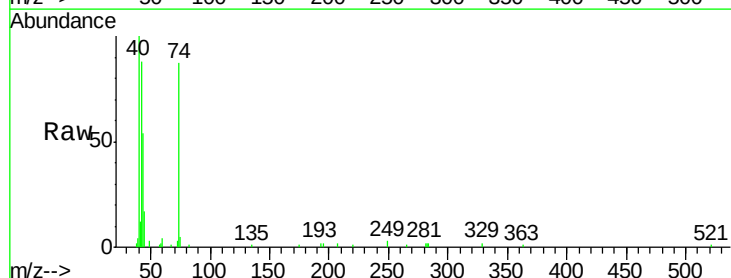
RT: 3.81 min Scan# 166

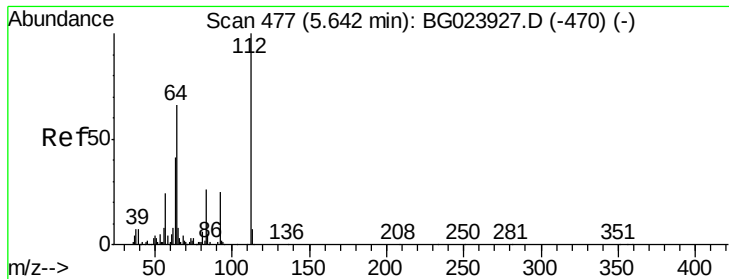
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	42	Resp:	20746
Ion	Ratio	Lower	Upper
42	100		
74	98.9	100.6	150.8#
44	19.3	4.5	6.7#





#5

2-Fluorophenol

Concen: 199.12 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.00 min

Lab File: BG023933.D

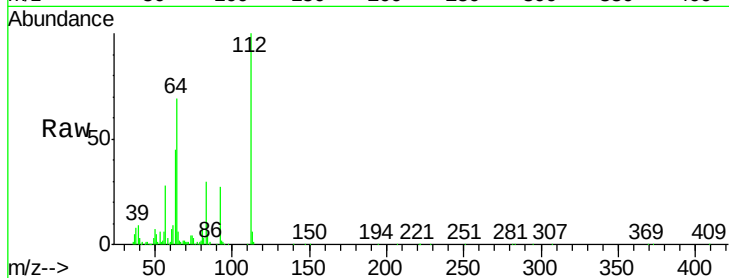
Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

ClientSampleId :

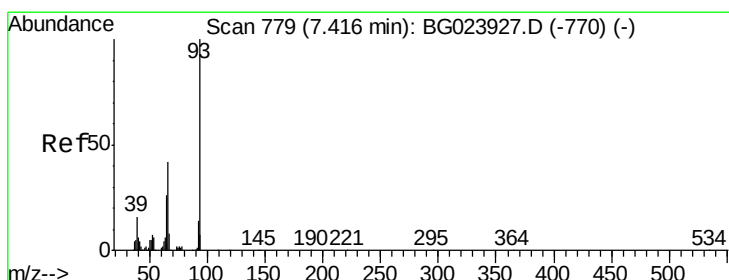
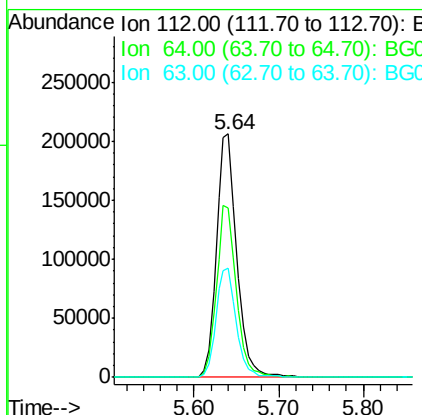
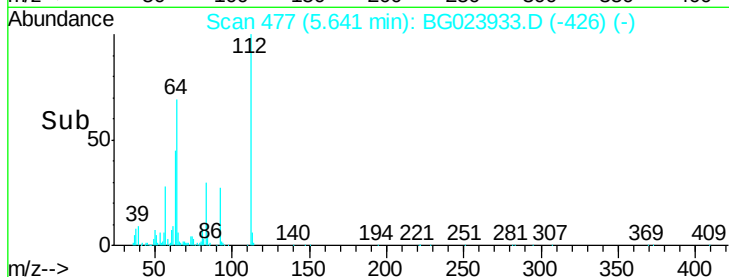
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	348838		
64	69.3	59.0	88.4	
63	45.0	37.8	56.8	

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#6

Aniline

Concen: 16.13 ng

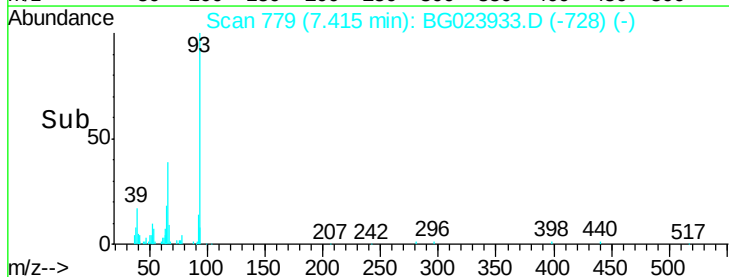
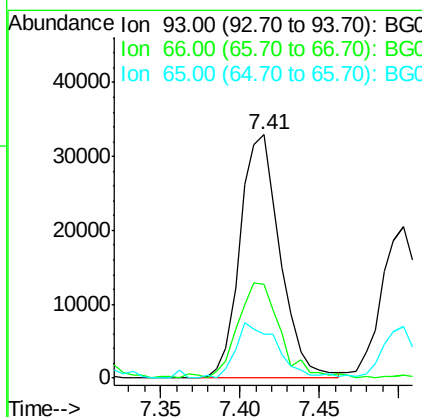
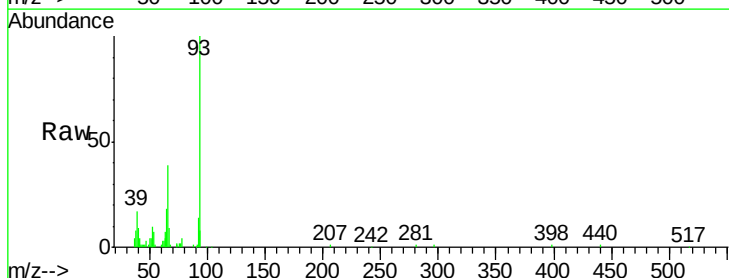
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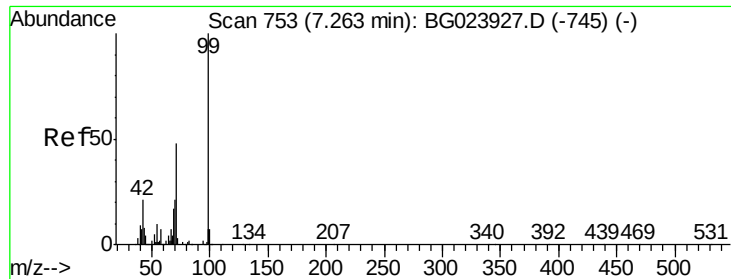
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	57731		
66	38.8	37.5	56.3	
65	18.2	17.9	26.9	





#7

Phenol-d6

Concen: 191.70 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.00 min

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Instrument :

BNA_G

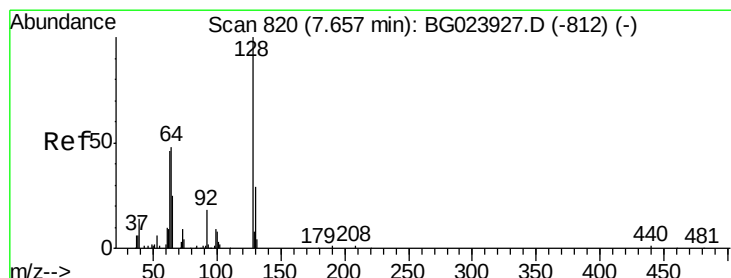
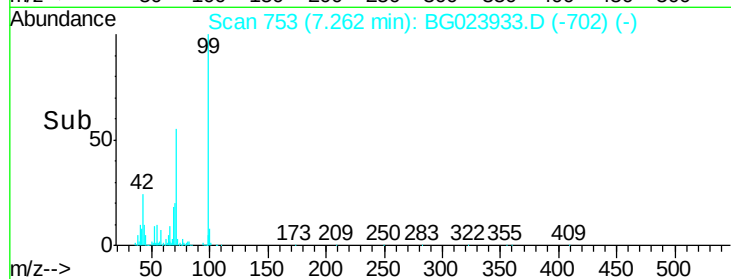
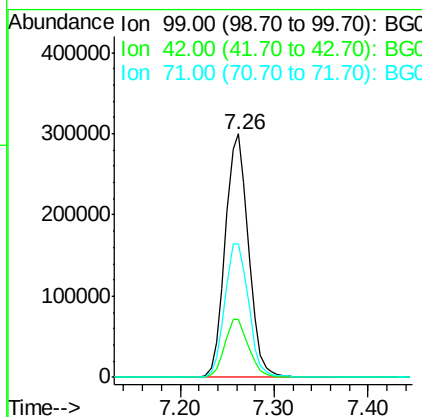
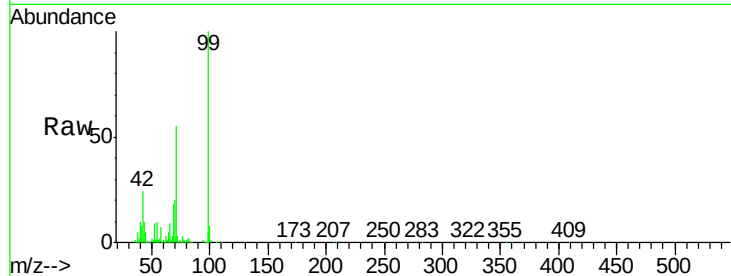
ClientSampleId :

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Tgt Ion:	99	Resp:	516975
Ion Ratio	Lower	Upper	
99	100		
42	23.7	17.8	26.6
71	55.0	41.5	62.3

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#8

2-Chlorophenol

Concen: 21.07 ng

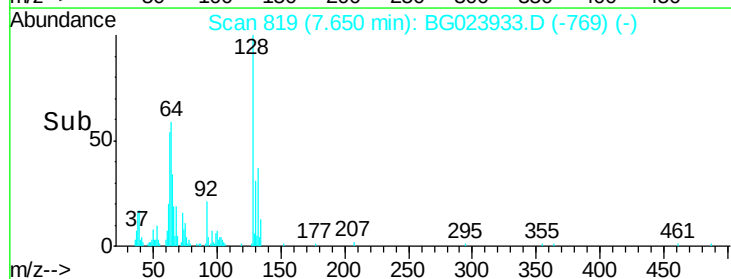
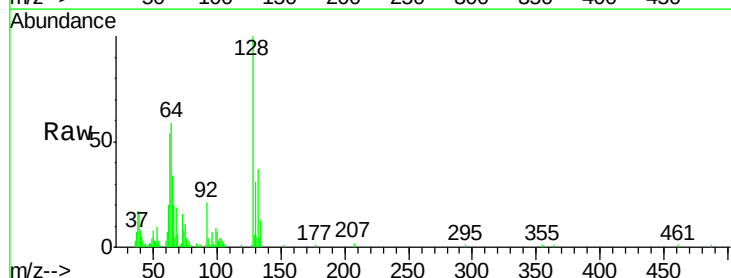
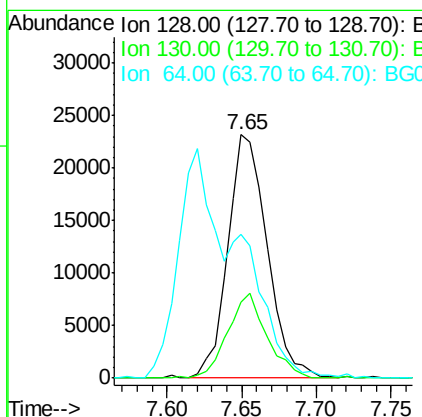
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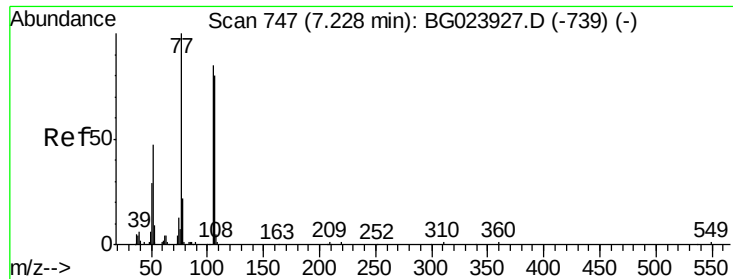
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	128	Resp:	42760
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	58.8	42.0	82.0





#9

Benzaldehyde

Concen: 17.93 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

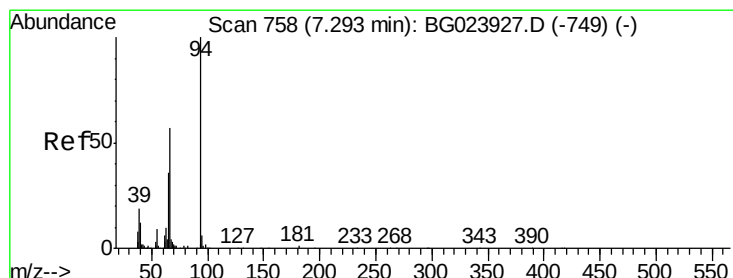
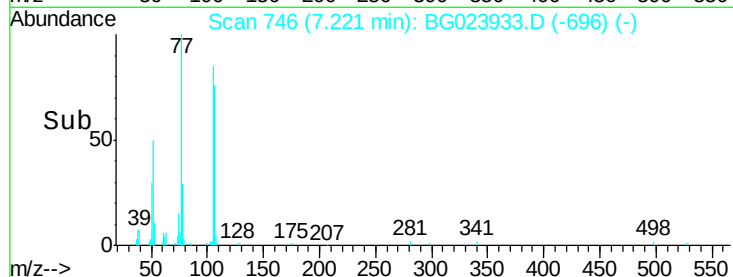
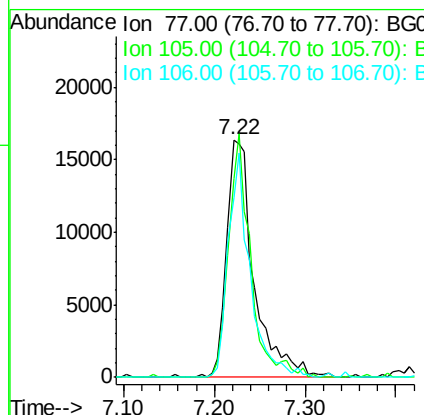
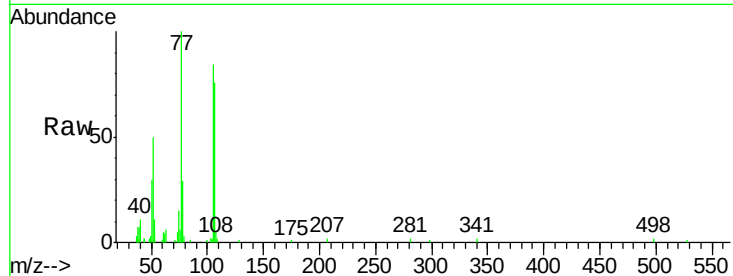
ClientSampleId :

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Tgt Ion:	77	Resp:	34356
Ion	Ratio	Lower	Upper
77	100		
105	83.8	58.7	98.7
106	75.5	67.5	107.5

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#10

Phenol

Concen: 21.88 ng

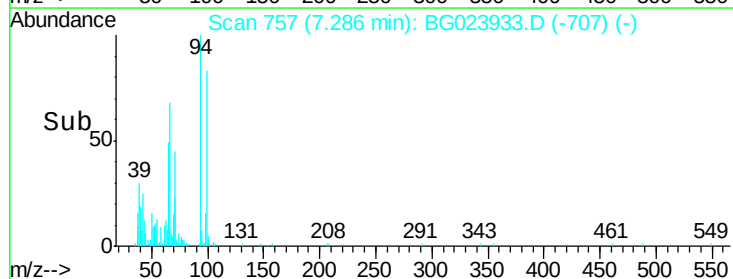
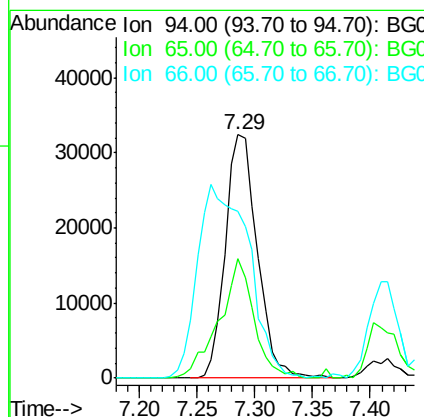
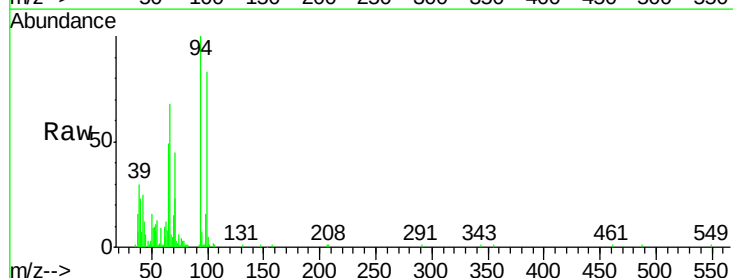
RT: 7.29 min Scan# 757

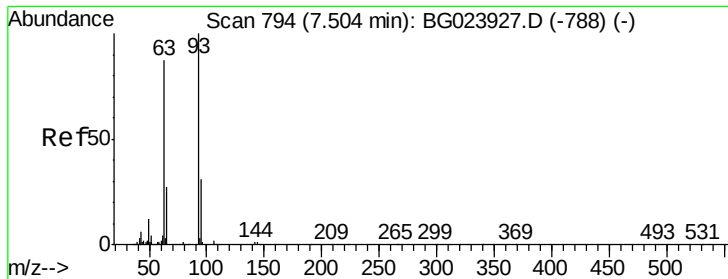
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	94	Resp:	62077
Ion	Ratio	Lower	Upper
94	100		
65	48.8	18.1	58.1
66	68.4	42.1	82.1





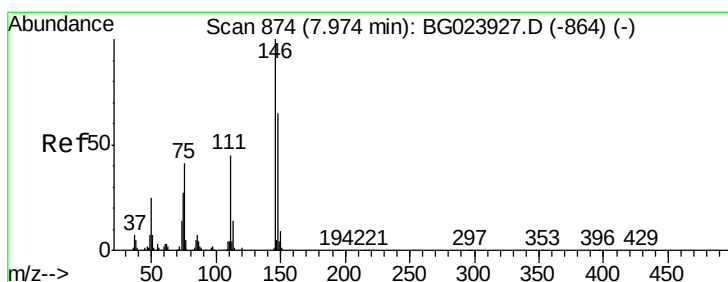
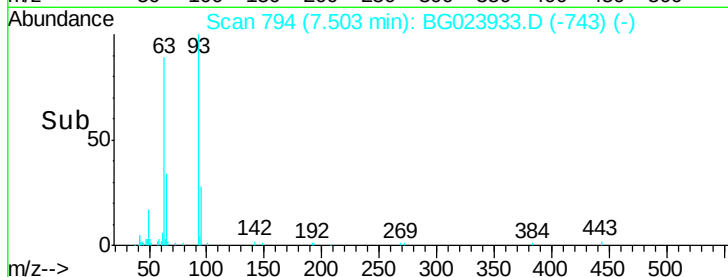
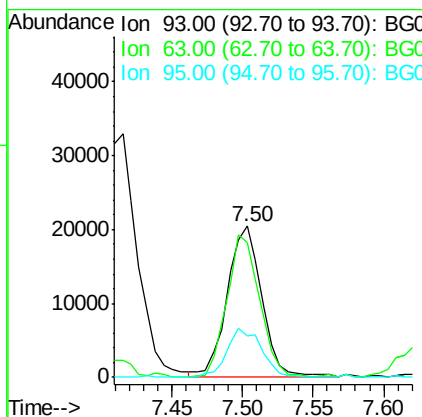
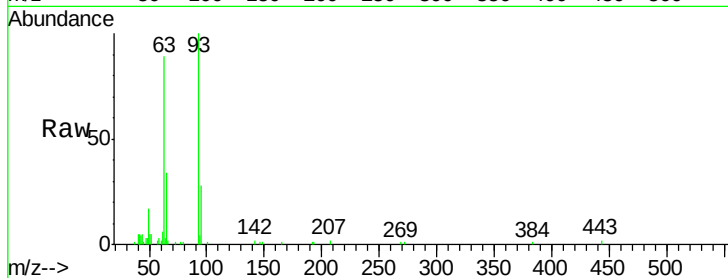
#11
bis(2-Chloroethyl)ether
Concen: 15.71 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	35078		
63	89.2	55.0	95.0	
95	27.5	11.0	51.0	

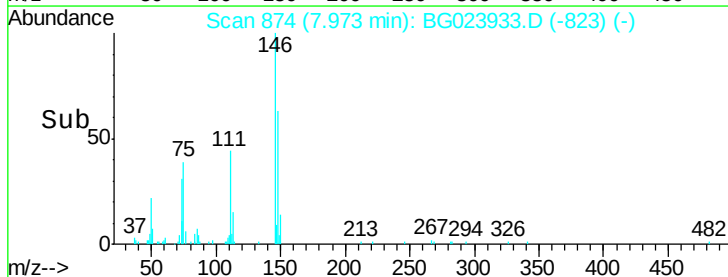
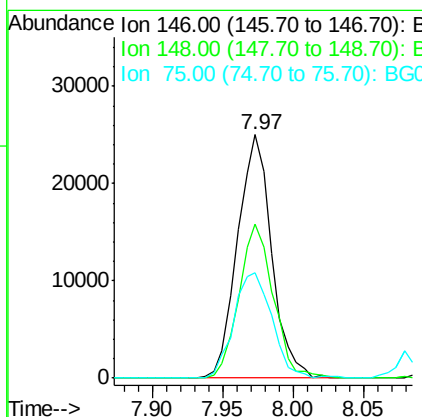
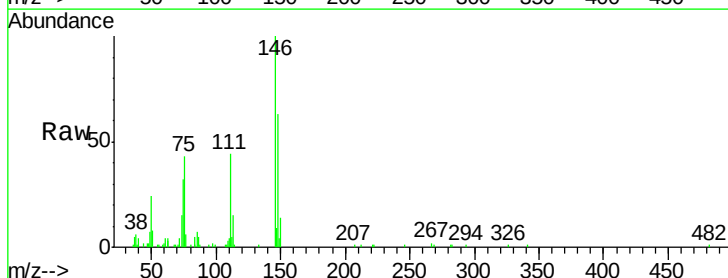
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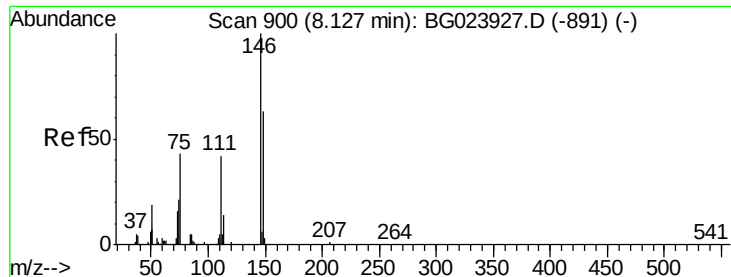
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#12
1,3-Dichlorobenzene
Concen: 17.77 ng
RT: 7.97 min Scan# 874
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	42210		
148	63.4	50.3	75.5	
75	43.2	37.0	55.6	





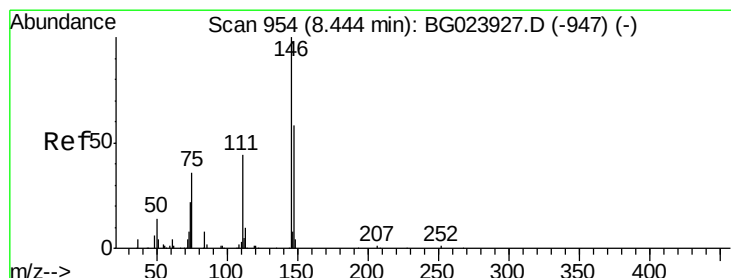
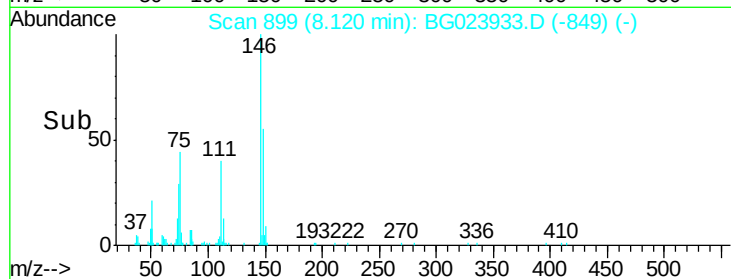
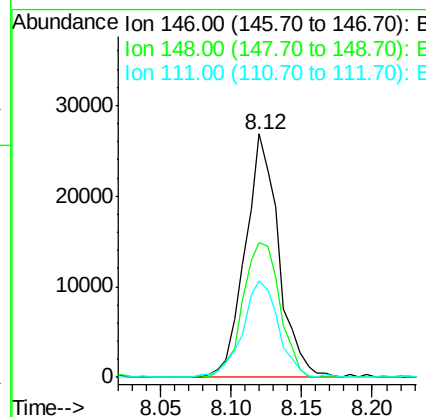
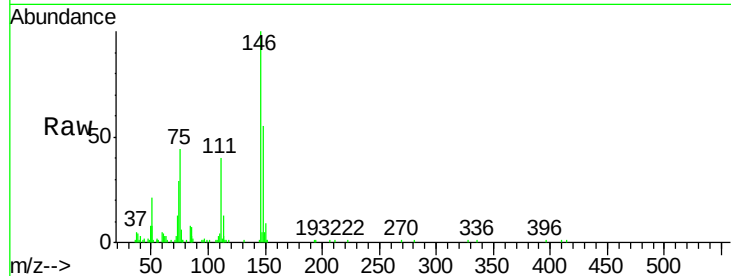
#13
1,4-Dichlorobenzene
Concen: 17.80 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
146	100		
148	55.3	54.5	81.7
111	39.5	37.8	56.8

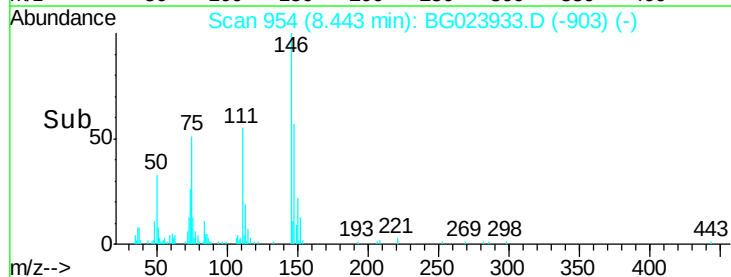
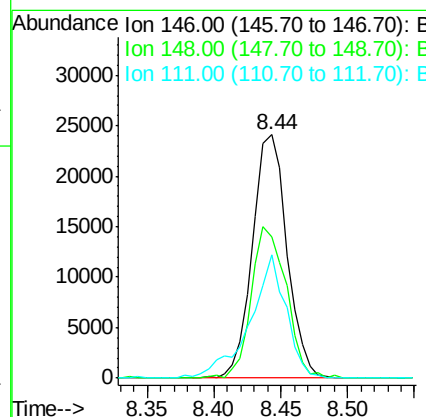
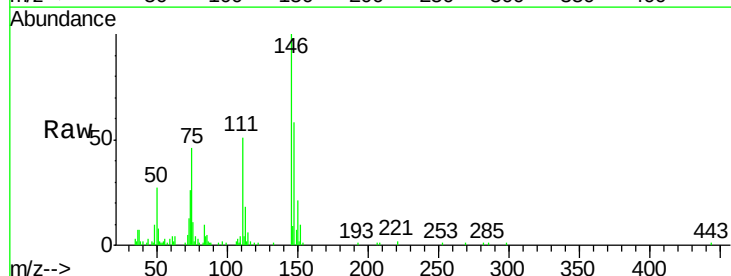
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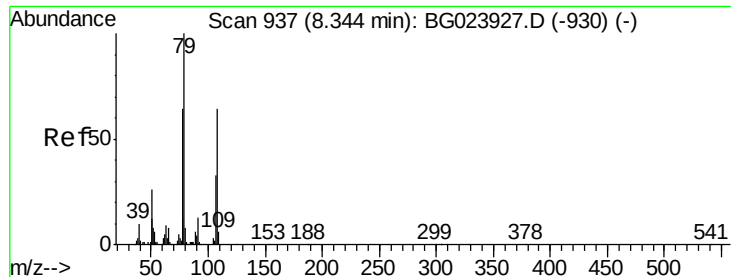
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#14
1,2-Dichlorobenzene
Concen: 18.16 ng
RT: 8.44 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.8	52.9	79.3
111	50.8	43.5	65.3





#15

Benzyl Alcohol

Concen: 18.32 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

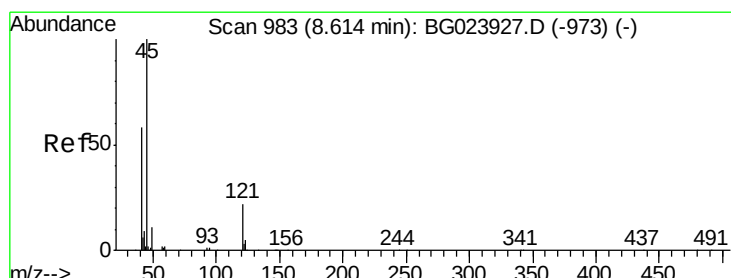
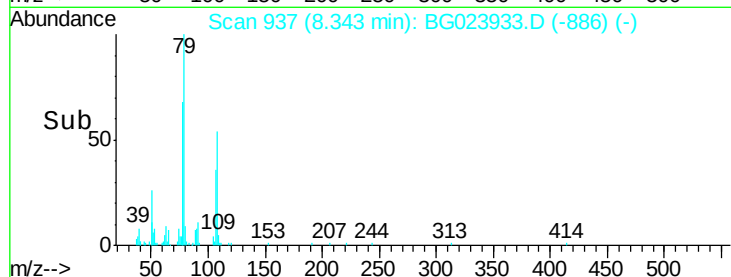
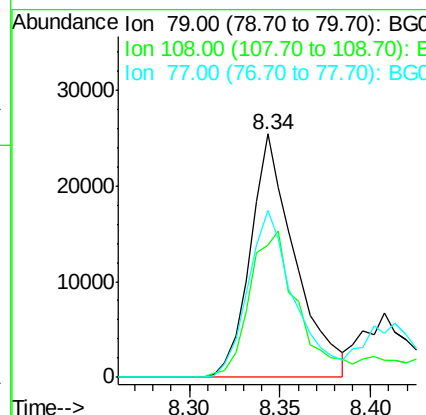
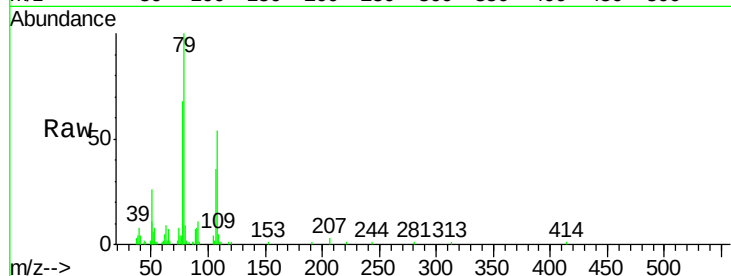
ClientSampleId :

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Tgt Ion:	79	Resp:	43558
Ion Ratio	Lower	Upper	
79	100		
108	54.2	46.5	69.7
77	68.4	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.78 ng

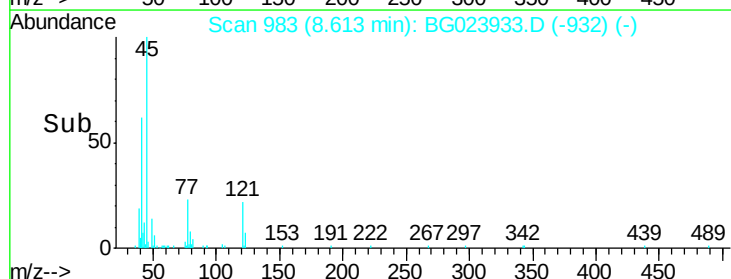
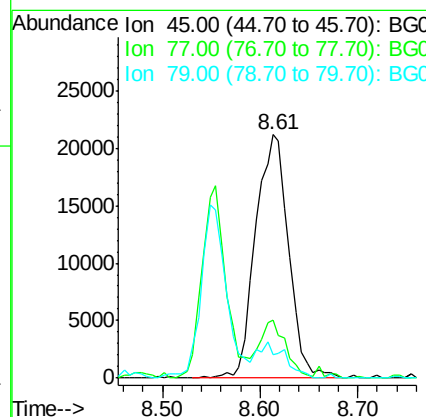
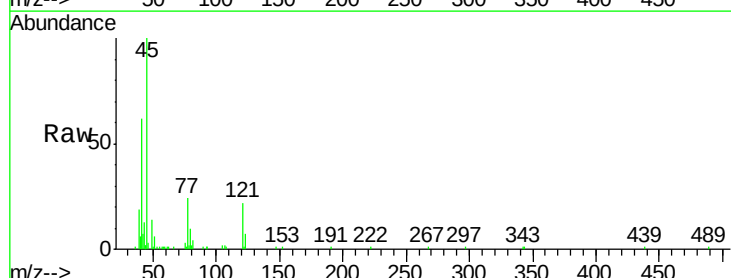
RT: 8.61 min Scan# 983

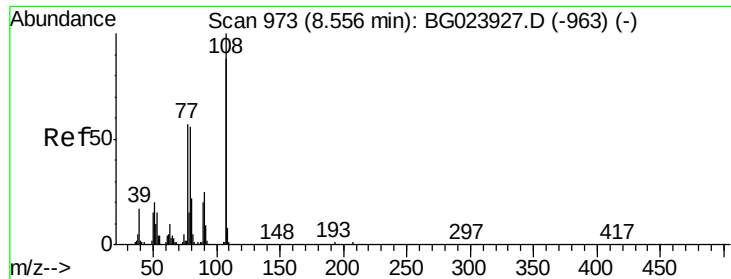
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	45	Resp:	50207
Ion Ratio	Lower	Upper	
45	100		
77	23.7	0.6	40.6
79	9.7	0.0	36.2





#17

2-Methylphenol

Concen: 20.93 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

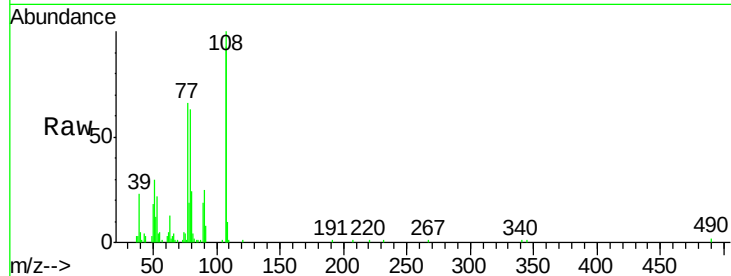
ClientSampleId :

LOQ-SOIL2016-02

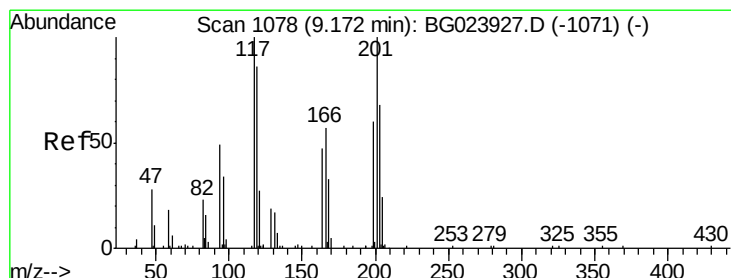
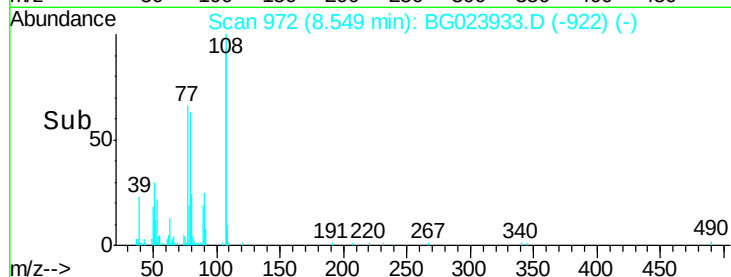
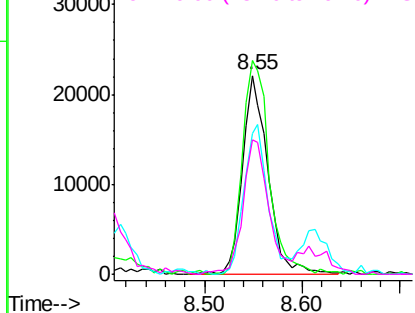
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	39996		
108	107.4	92.0	138.0	
77	71.1	55.8	83.6	
79	67.9	55.0	82.6	

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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): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 16.80 ng

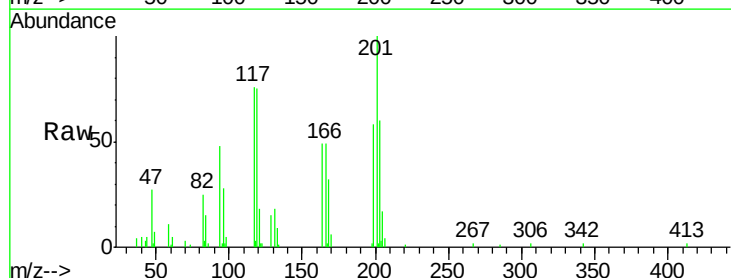
RT: 9.17 min Scan# 1078

Delta R.T. -0.00 min

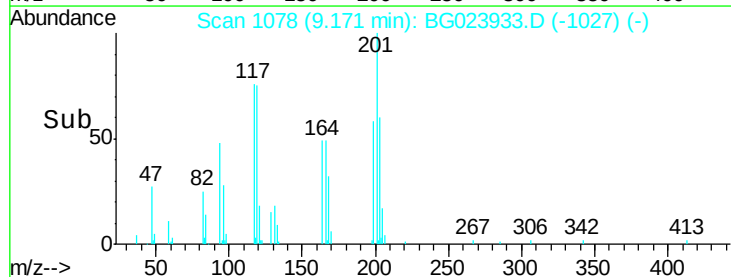
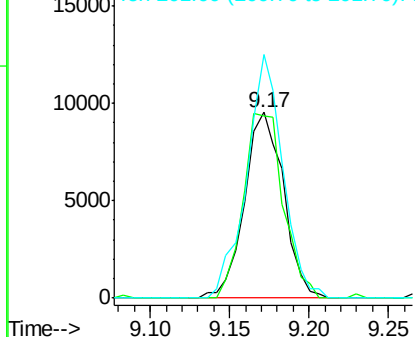
Lab File: BG023933.D

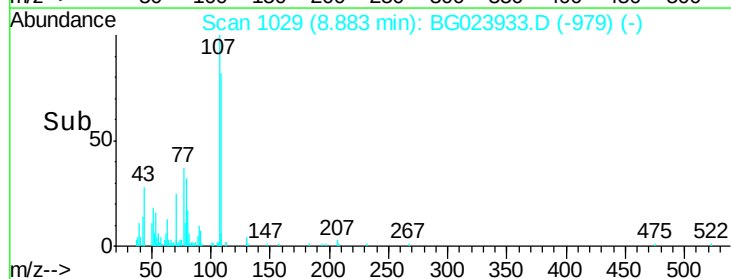
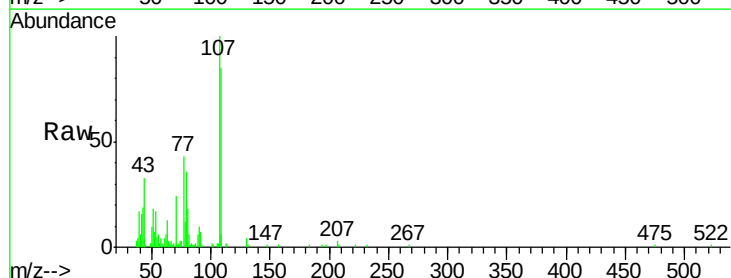
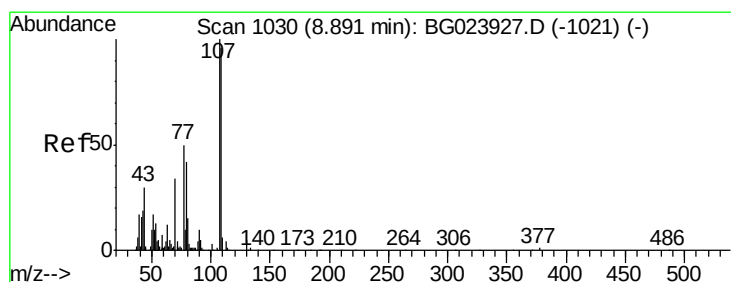
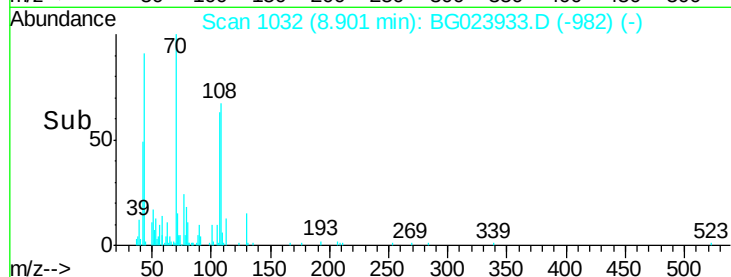
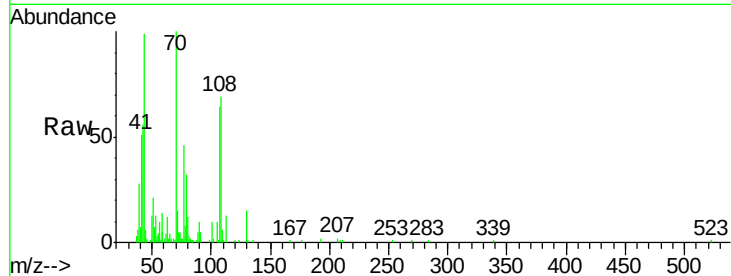
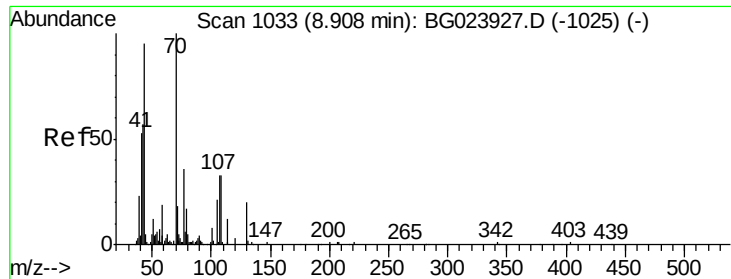
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	16279		
119	98.1	73.7	110.5	
201	130.9	88.7	133.1	



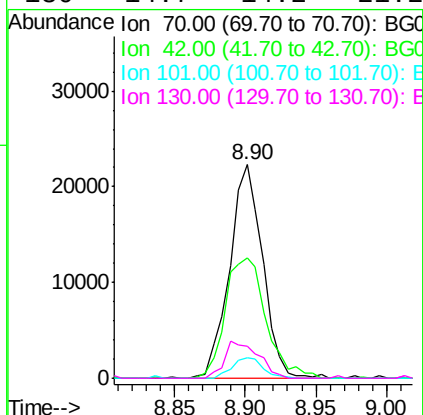
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	42.1	63.1	
101	9.7	7.2	10.8	
130	14.7	14.2	21.2	



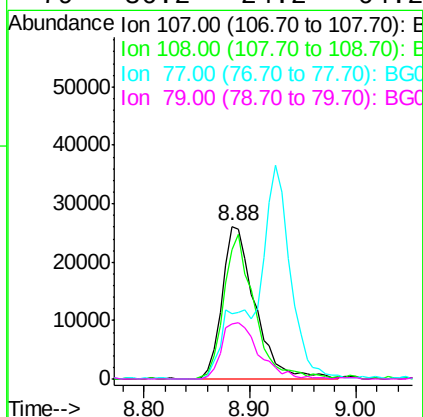
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

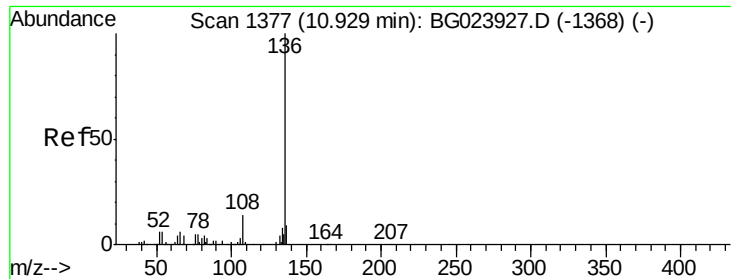
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#20
3+4-Methylphenols
Concen: 21.17 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	72.5	112.5	
77	42.8	30.1	70.1	
79	36.2	24.2	64.2	





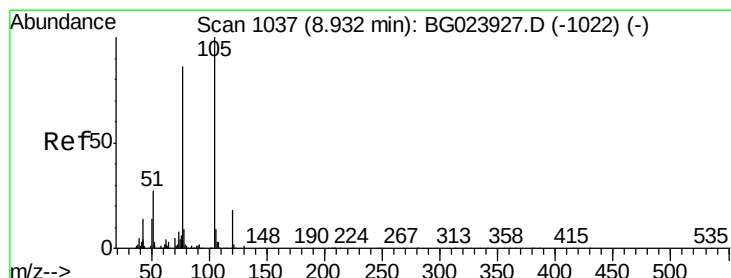
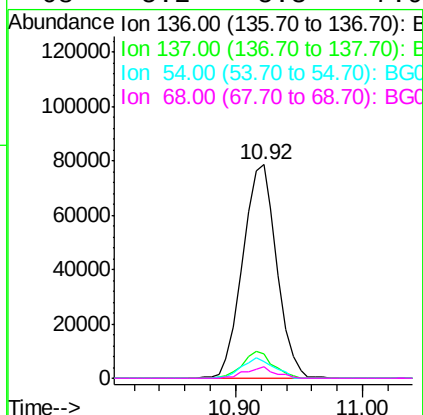
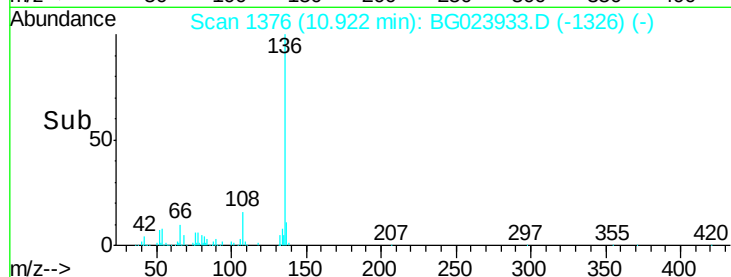
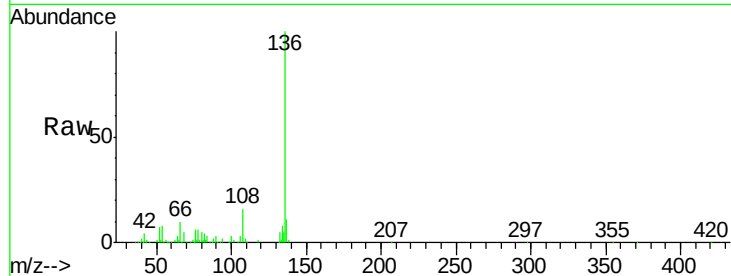
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.6	14.4
54	8.1	7.3	10.9
68	5.2	5.3	7.9#

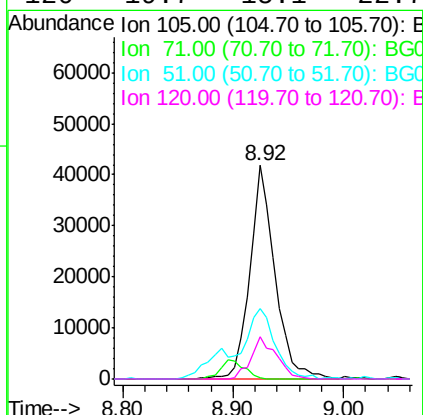
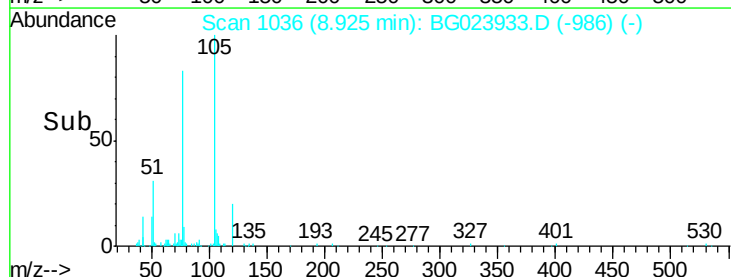
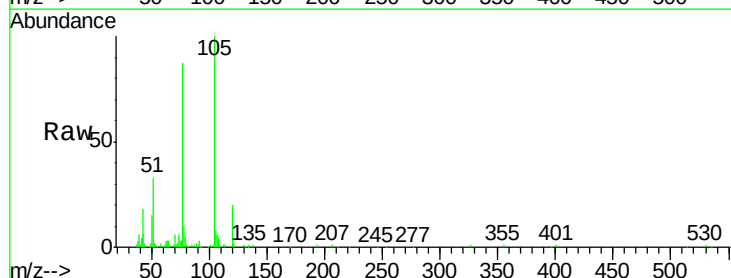
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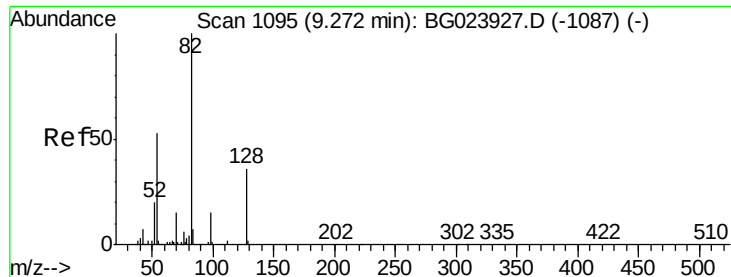
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#22
Acetophenone
Concen: 17.63 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.7	2.6	3.8#
51	32.9	27.1	40.7
120	19.7	15.1	22.7





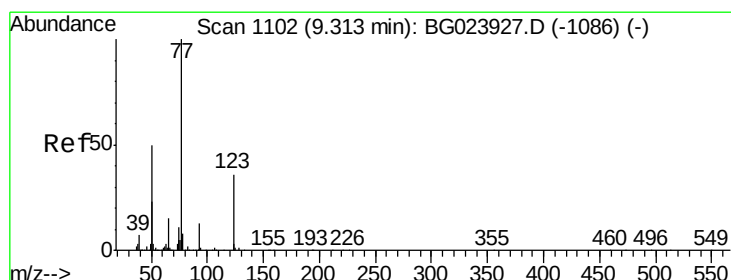
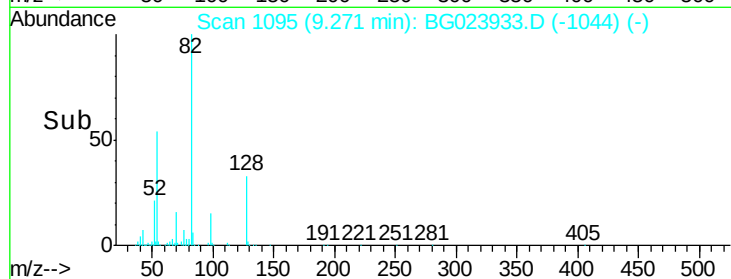
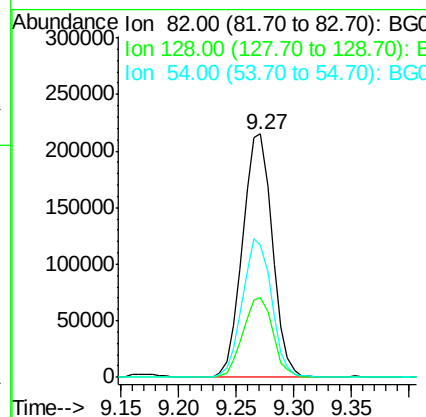
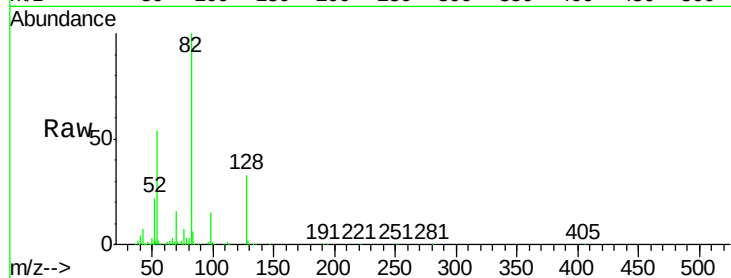
#23
 Nitrobenzene-d5
 Concen: 117.96 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	386205		
128	33.0	24.4	36.6	
54	54.2	41.4	62.0	

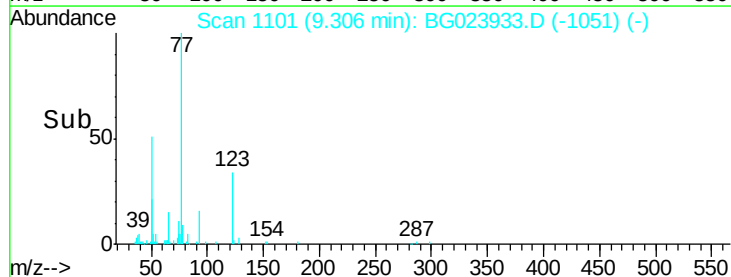
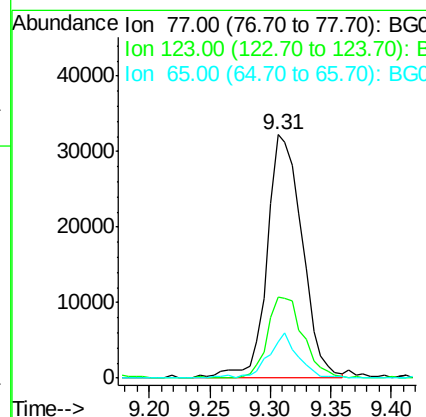
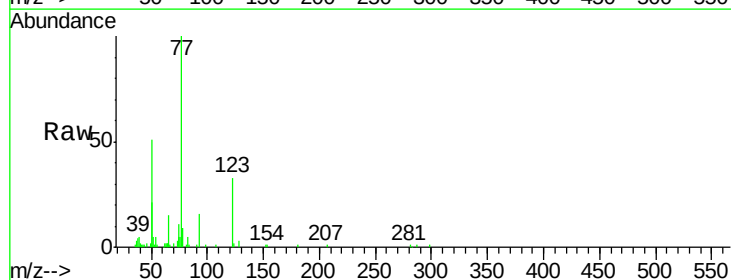
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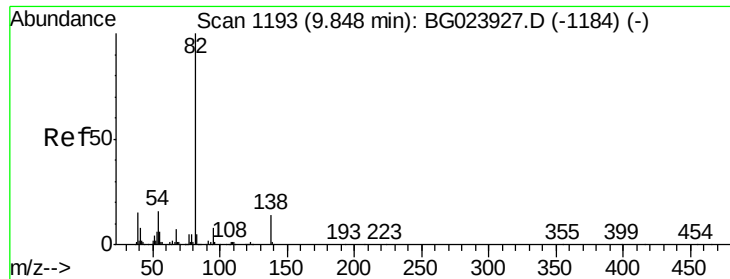
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#24
 Nitrobenzene
 Concen: 18.50 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	65137		
123	33.3	25.0	37.6	
65	14.8	13.4	20.0	





#25

Isophorone

Concen: 16.20 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

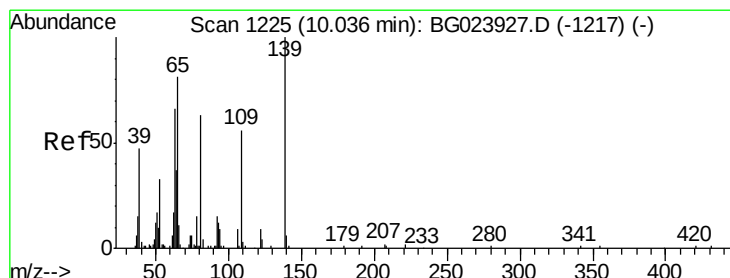
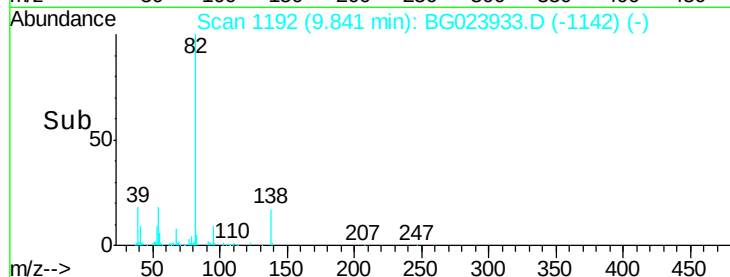
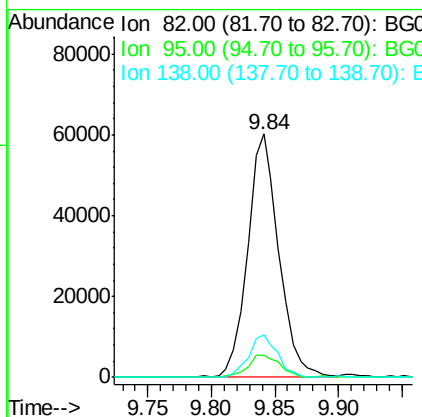
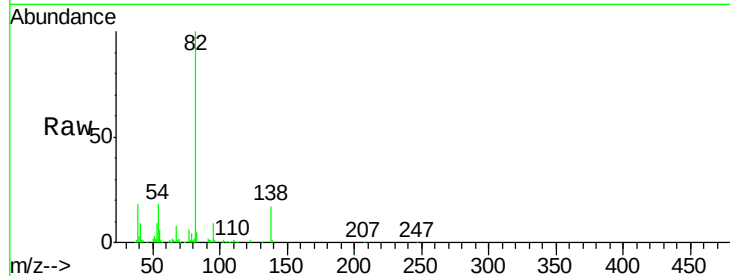
ClientSampleId :

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Tgt Ion	82	95	138
Ratio	100	9.1	17.4
Resp Lower		8.2	10.7
Upper		12.2	16.1#

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#26

2-Nitrophenol

Concen: 19.03 ng

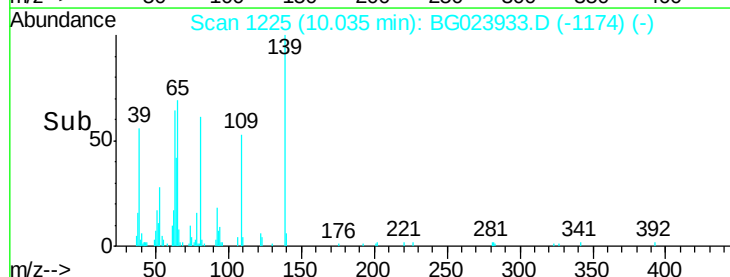
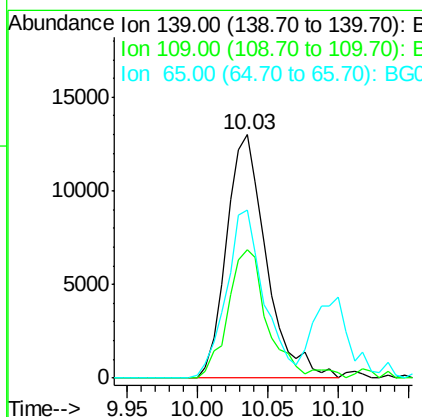
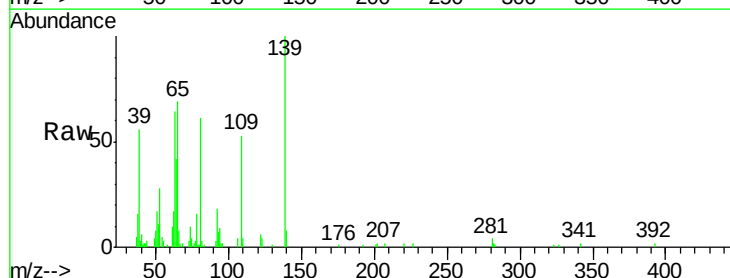
RT: 10.03 min Scan# 1225

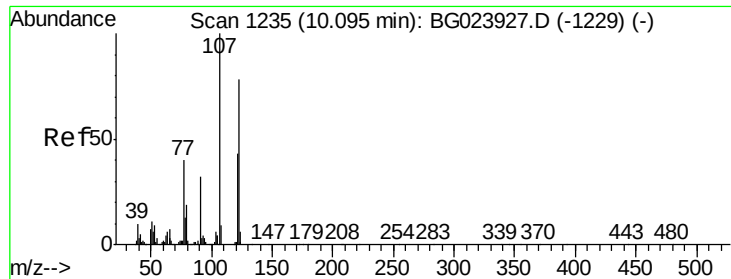
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion	139	109	65
Ratio	100	52.6	68.8
Resp Lower		43.5	64.3
Upper		65.3	96.5





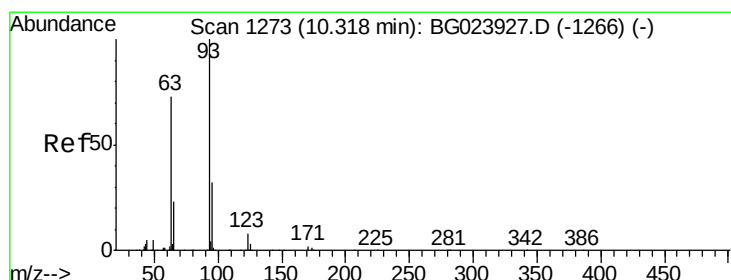
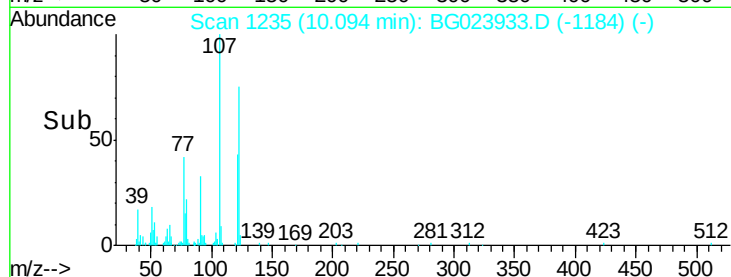
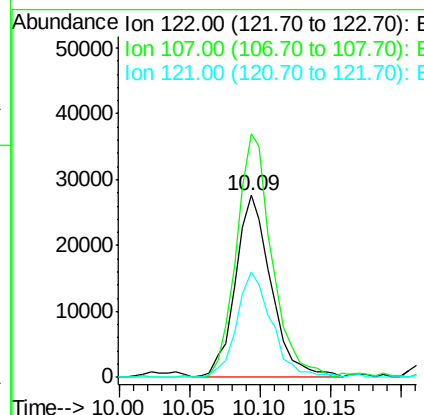
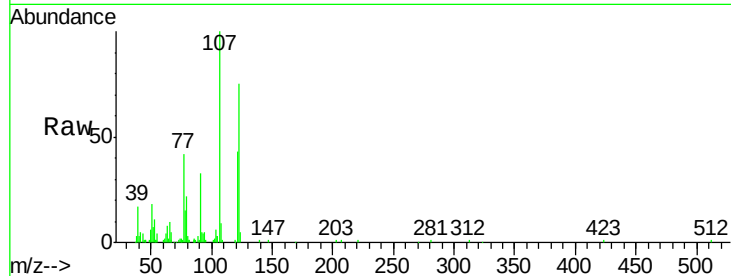
#27
 2,4-Dimethylphenol
 Concen: 21.46 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	48811		
107	134.0	117.0	175.4	
121	57.6	50.1	75.1	

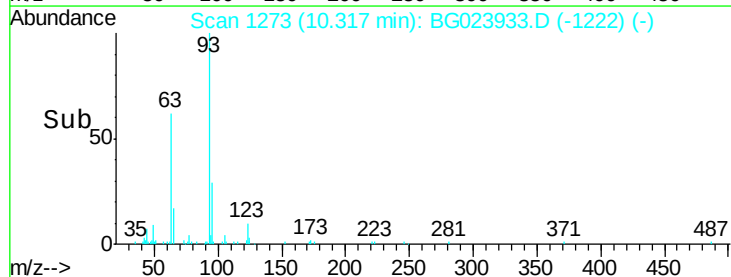
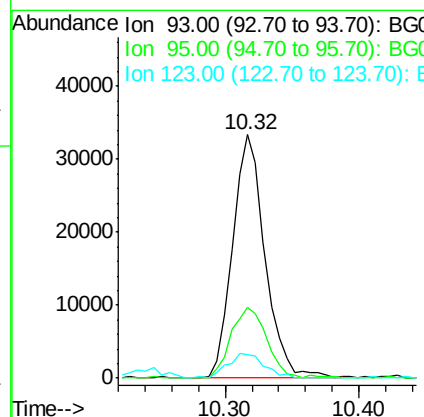
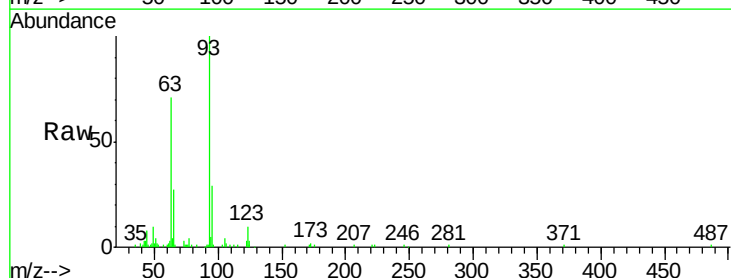
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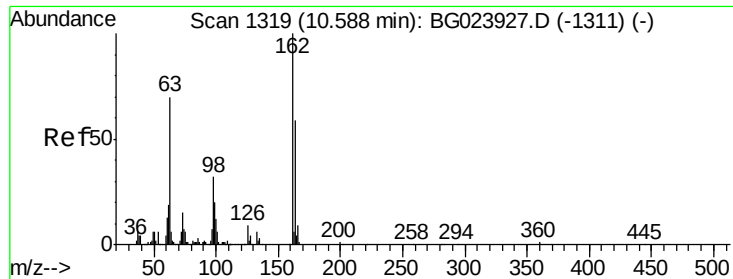
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#28
 bis(2-Chloroethoxy)methane
 Concen: 17.60 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	56437		
95	29.1	25.4	38.2	
123	9.7	8.2	12.2	





#29

2,4-Dichlorophenol

Concen: 22.05 ng

RT: 10.59 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

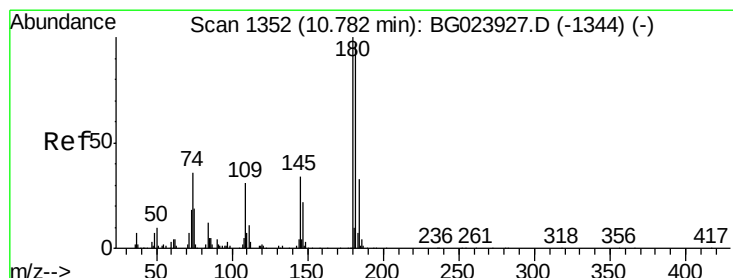
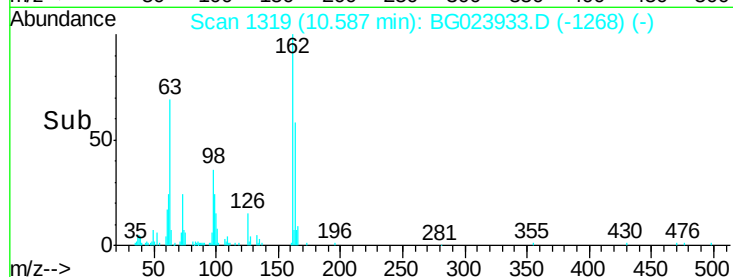
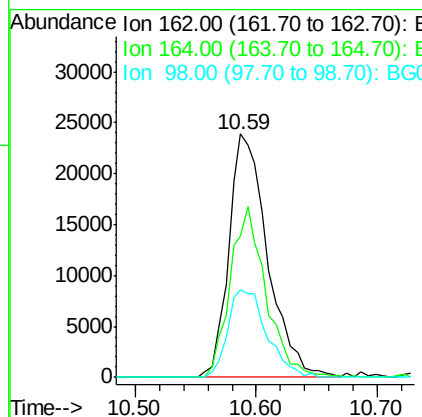
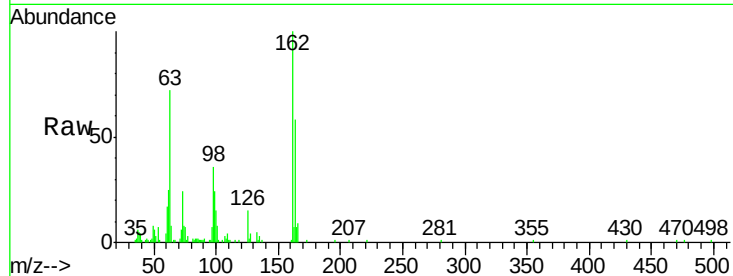
ClientSampleId :

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Tgt Ion:	162	Resp:	53150
Ion Ratio	Lower	Upper	
162	100		
164	57.9	44.3	84.3
98	35.8	19.5	59.5

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#30

1,2,4-Trichlorobenzene

Concen: 17.56 ng

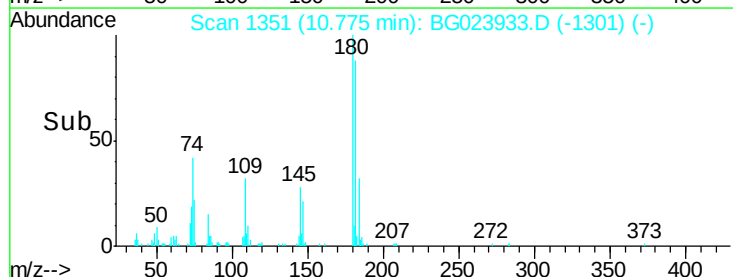
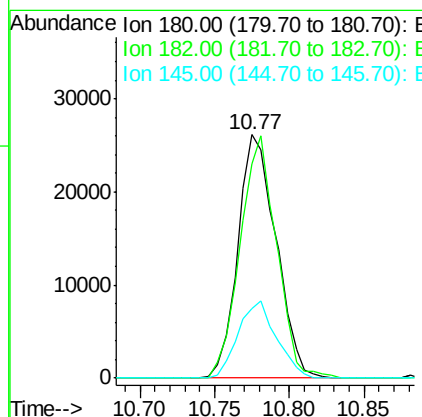
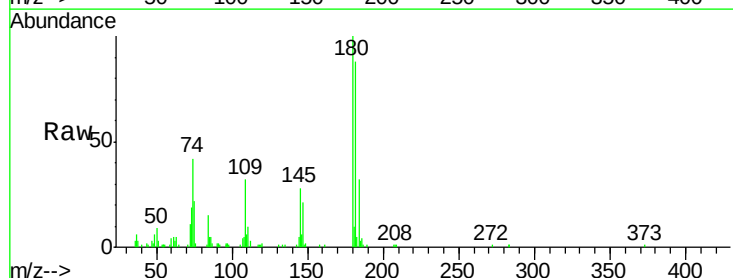
RT: 10.77 min Scan# 1351

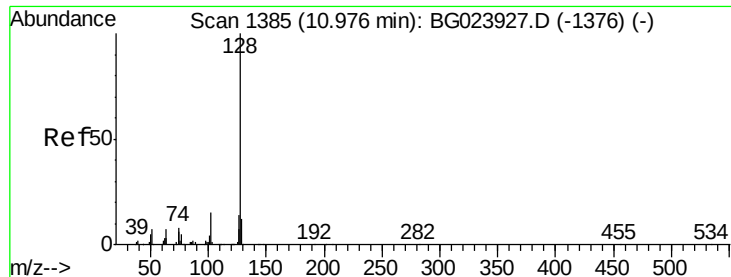
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	180	Resp:	46409
Ion Ratio	Lower	Upper	
180	100		
182	88.1	73.8	110.8
145	28.5	24.4	36.6





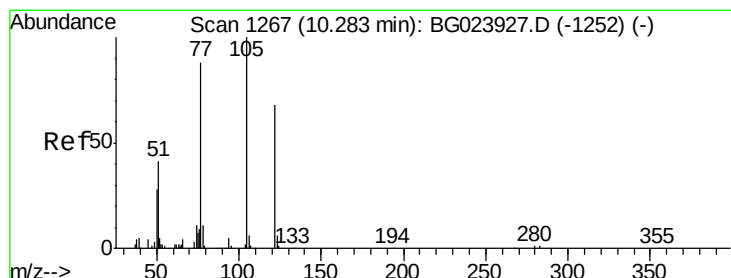
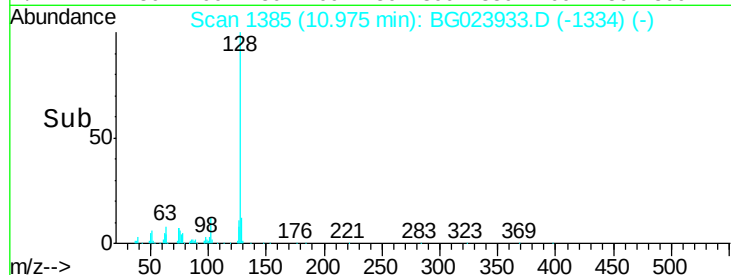
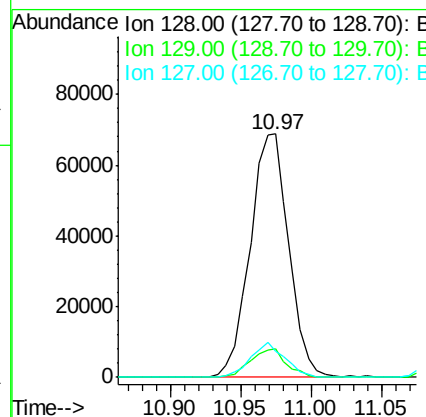
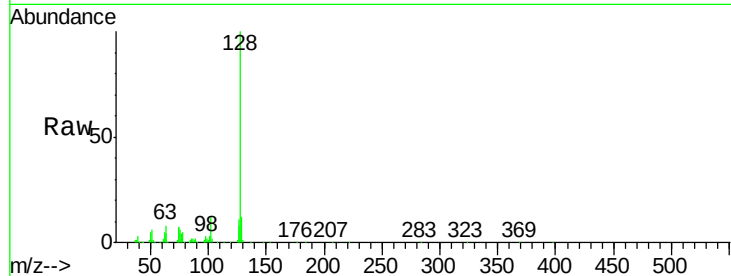
#31
Naphthalene
Concen: 17.49 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	131697		
129	11.6	9.4	14.0	
127	10.8	11.3	16.9#	

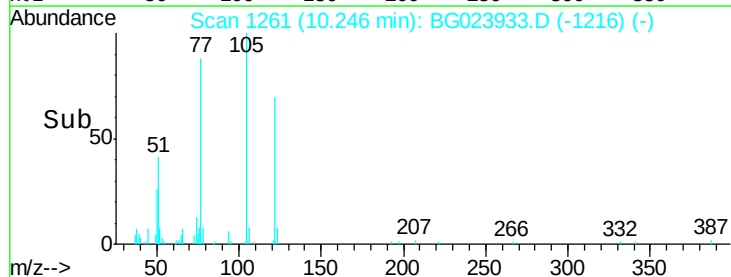
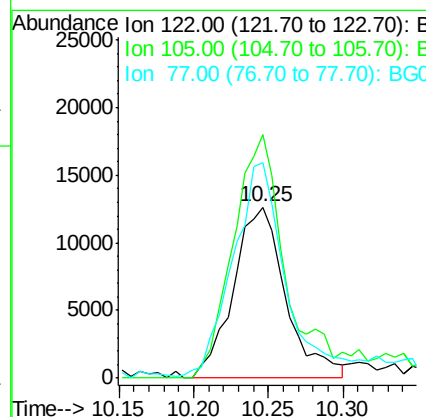
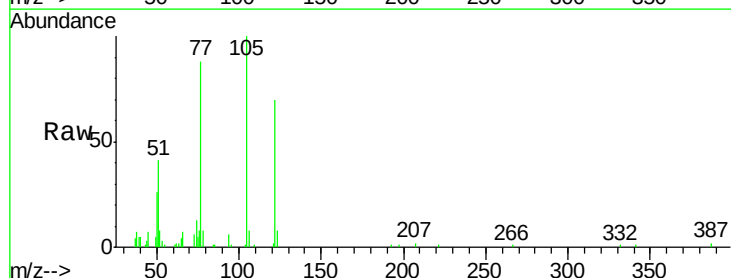
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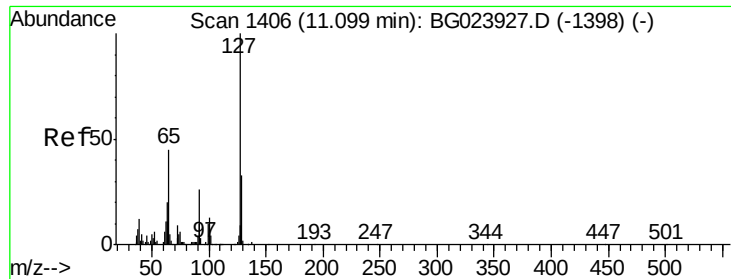
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#32
Benzoic acid
Concen: 16.67 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	30786		
105	142.5	117.2	157.2	
77	125.7	109.2	149.2	





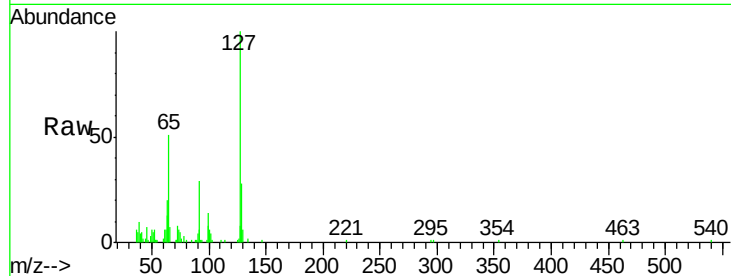
#33
 4-Chloroaniline
 Concen: 15.37 ng
 RT: 11.10 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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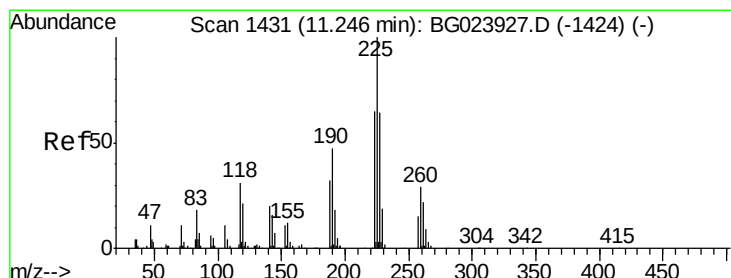
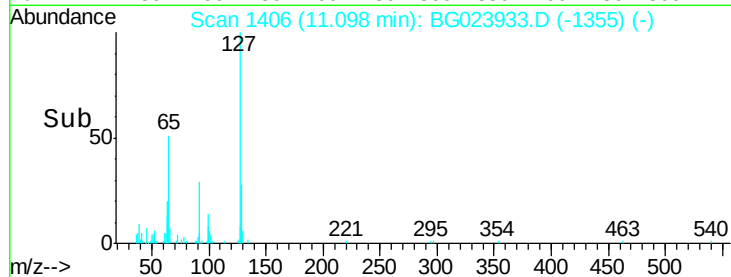
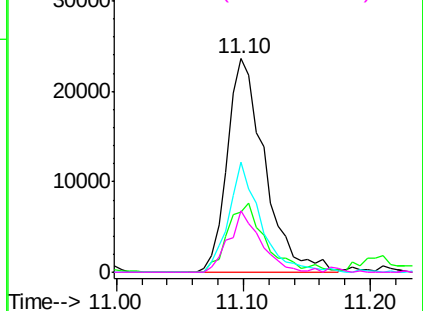
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	48340		
129	28.2	27.9	41.9	
65	51.4	36.8	55.2	
92	28.7	21.0	31.6	

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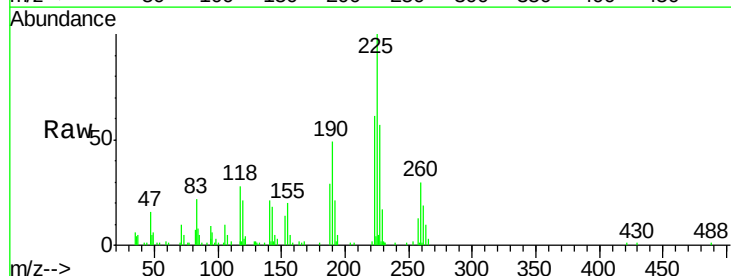


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

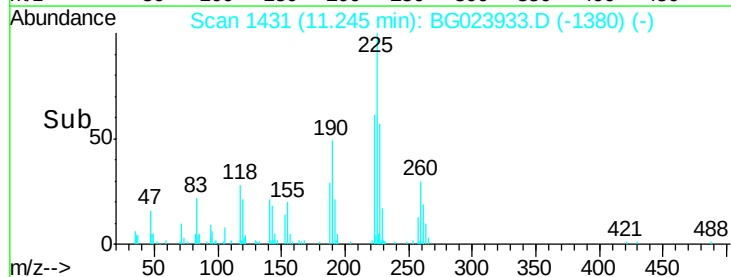
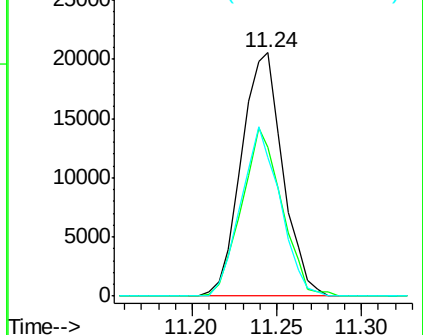


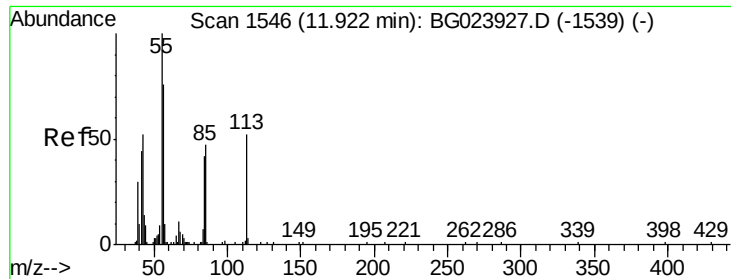
#34
 Hexachlorobutadiene
 Concen: 17.64 ng
 RT: 11.24 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35012		
223	61.3	49.6	74.4	
227	57.2	54.5	81.7	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.97 ng m

RT: 11.91 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

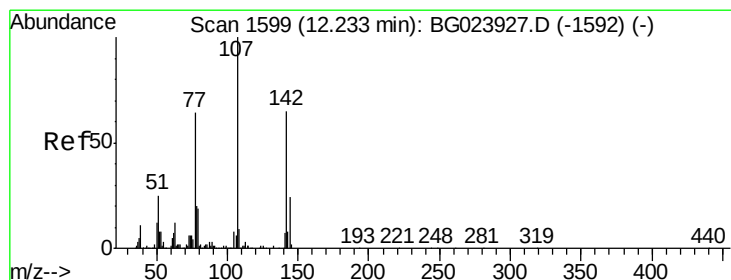
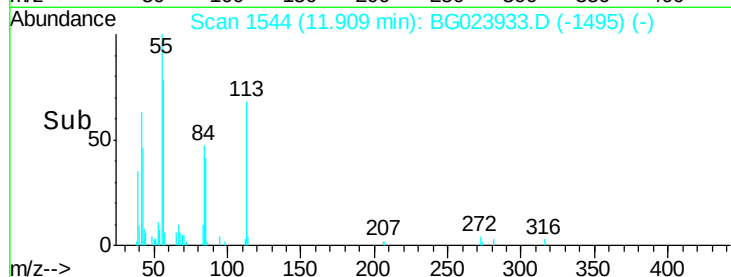
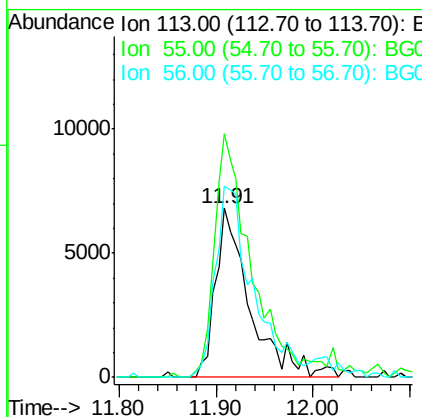
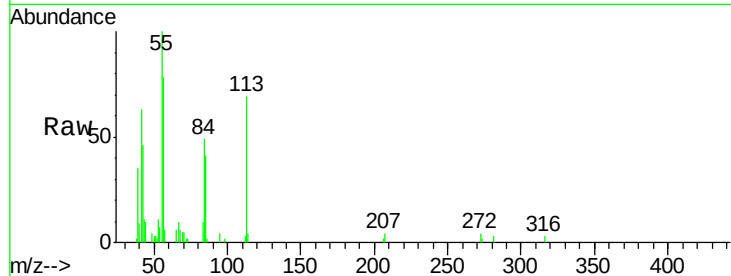
ClientSampleId :

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Tgt Ion:	113	Resp:	16964
Ion Ratio	Lower	Upper	
113	100		
55	144.0	154.5	194.5#
56	113.0	125.1	165.1#

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#36

4-Chloro-3-methylphenol

Concen: 20.40 ng

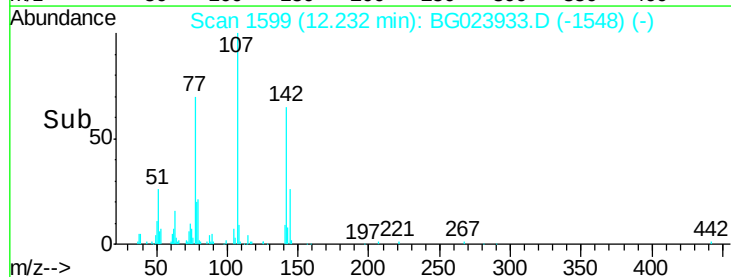
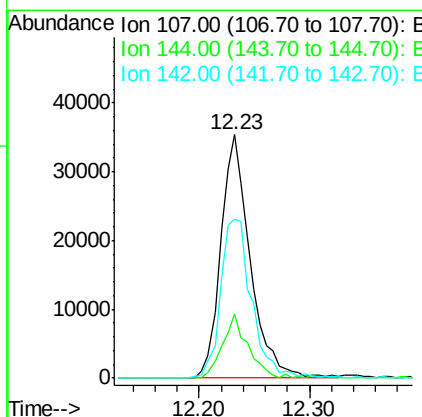
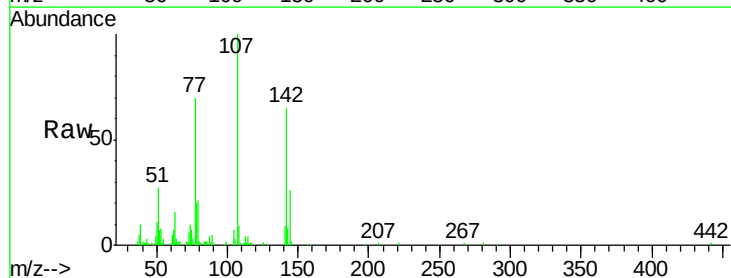
RT: 12.23 min Scan# 1599

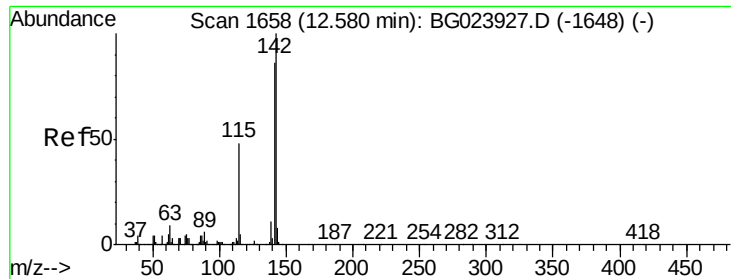
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	107	Resp:	65687
Ion Ratio	Lower	Upper	
107	100		
144	26.4	17.0	25.6#
142	65.4	53.0	79.6





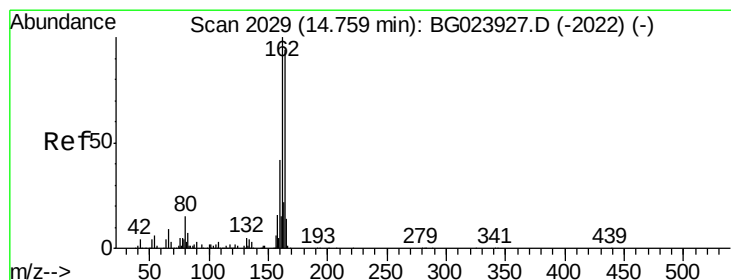
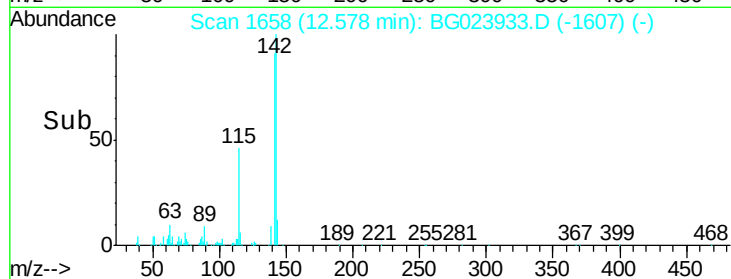
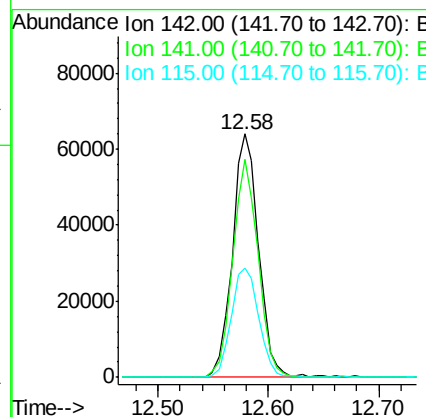
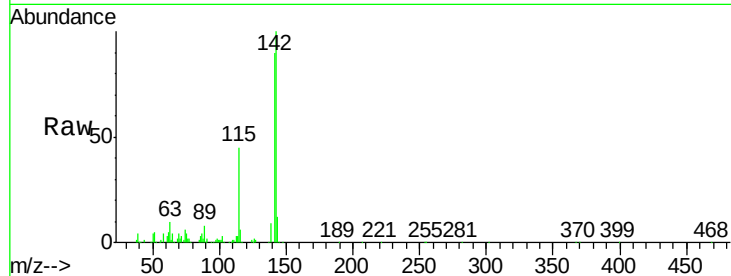
#37
 2-Methylnaphthalene
 Concen: 18.53 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2
115	45.0	41.7	62.5

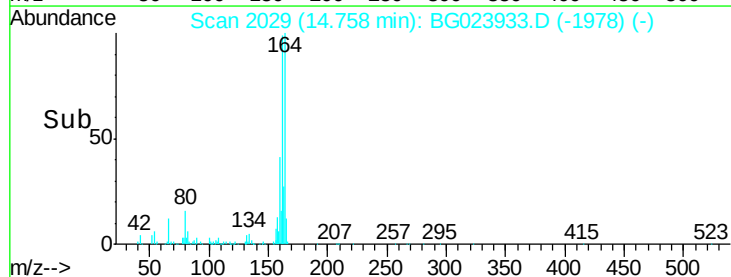
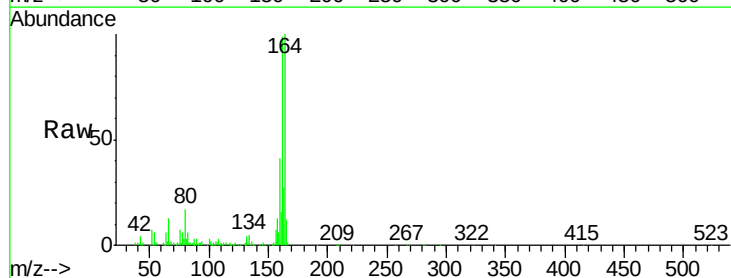
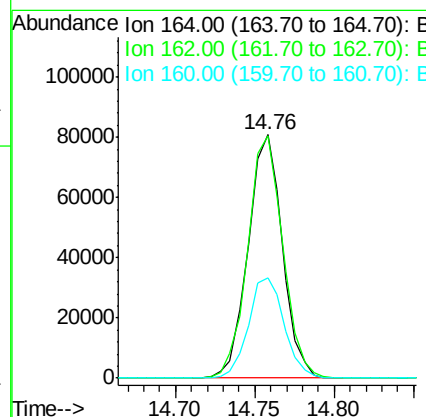
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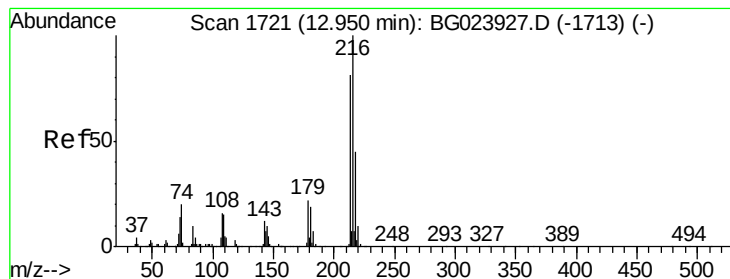
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	41.2	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.08 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG023933.D

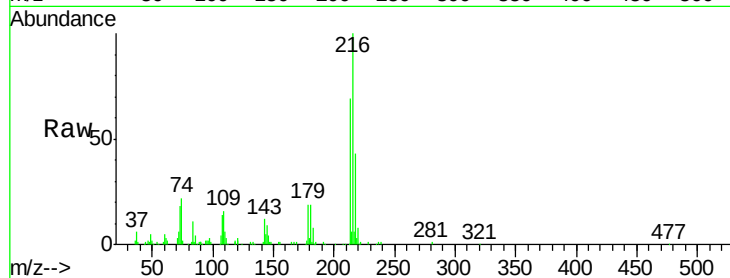
Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 216 Resp: 68741

Ion Ratio Lower Upper

216 100

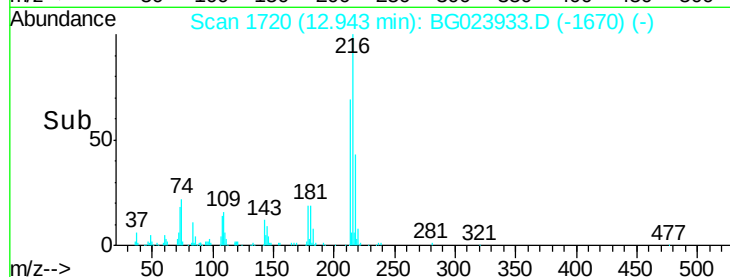
214 79.0 62.9 94.3

179 21.0 17.2 25.8

108 18.3 16.3 24.5

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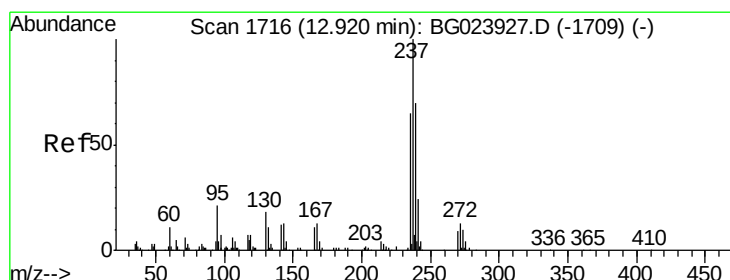
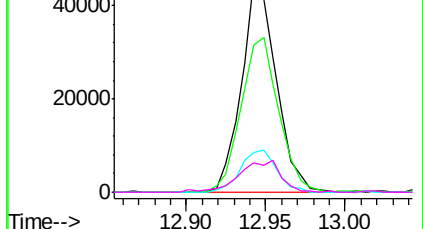


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 17.10 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

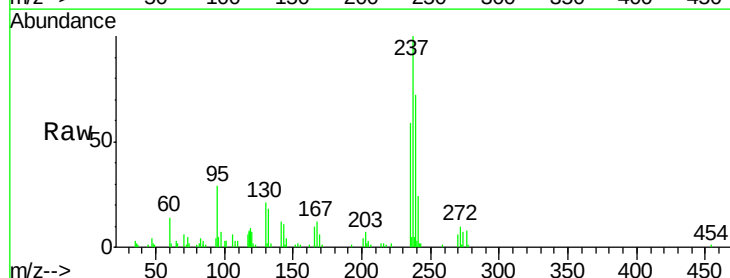
Tgt Ion: 237 Resp: 26663

Ion Ratio Lower Upper

237 100

235 59.3 43.1 83.1

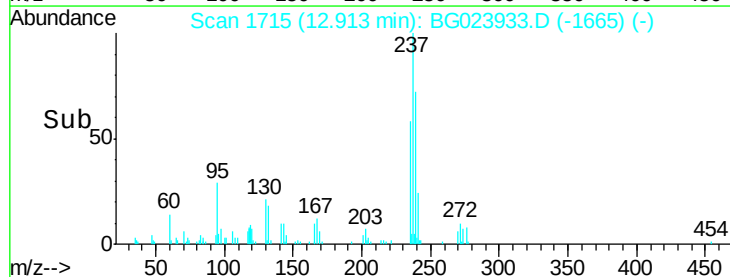
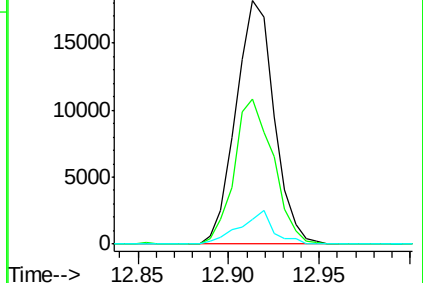
272 10.0 0.0 30.9

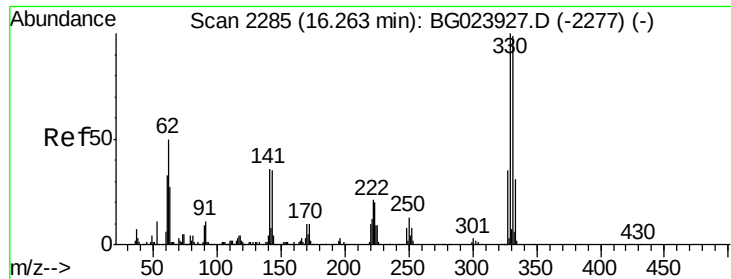


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





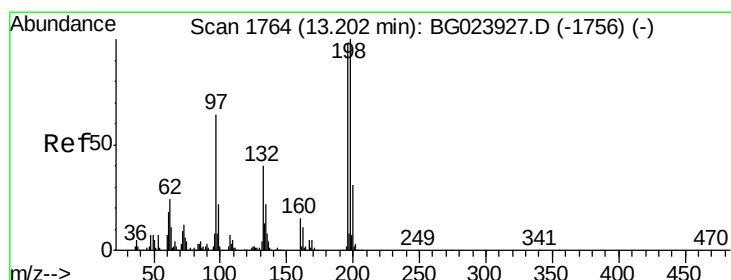
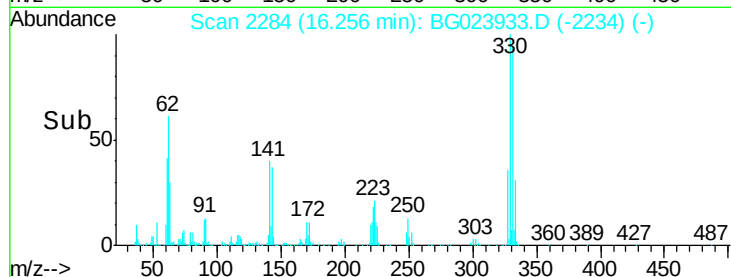
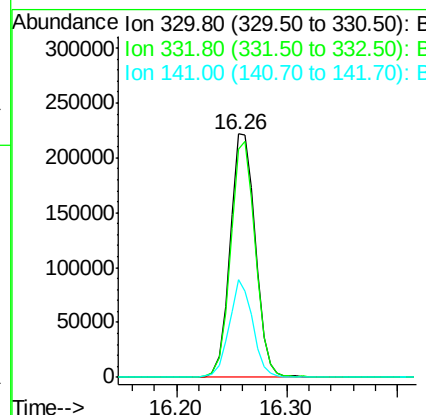
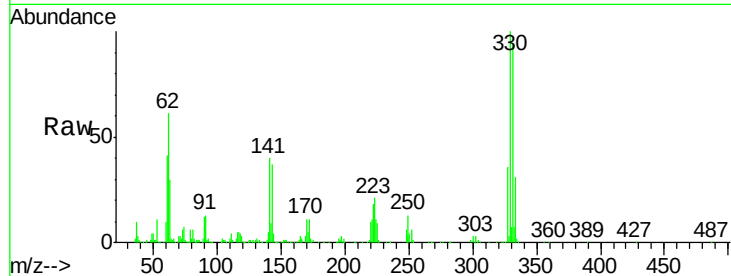
#41
 2,4,6-Tribromophenol
 Concen: 162.55 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	355133		
332	94.7	77.4	116.2	
141	37.5	31.7	47.5	

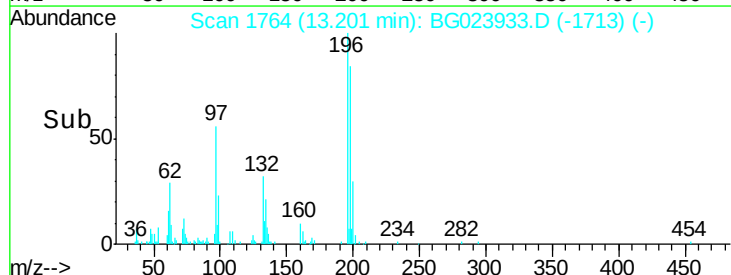
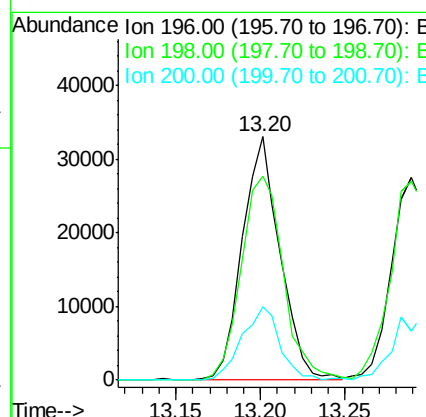
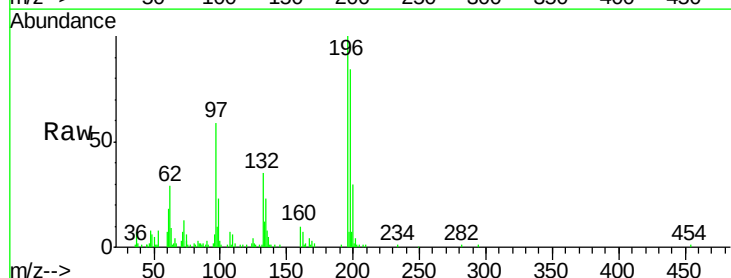
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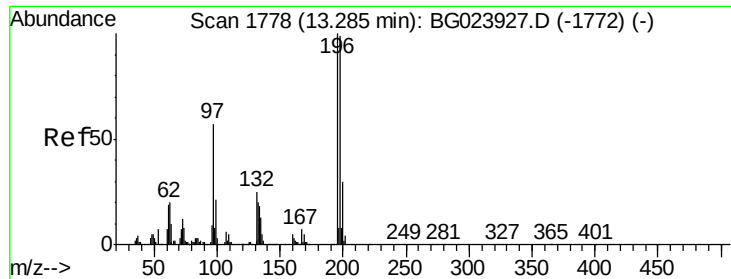
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#42
 2,4,6-Trichlorophenol
 Concen: 19.11 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51340		
198	83.7	78.2	117.2	
200	30.2	27.0	40.4	





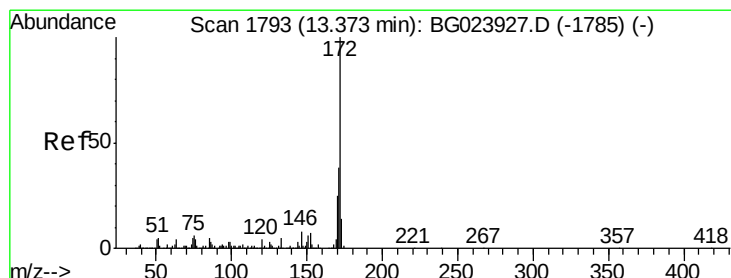
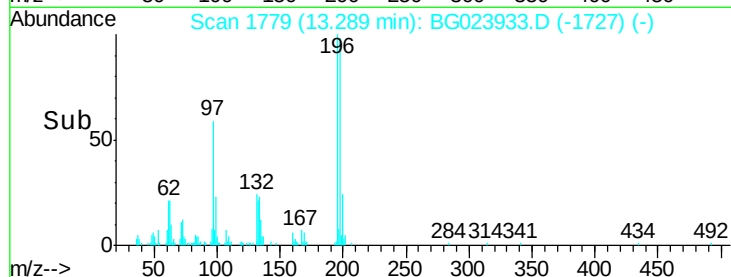
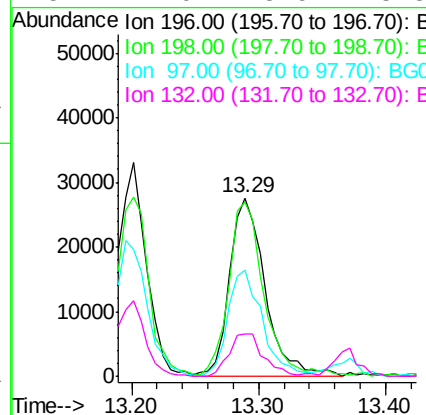
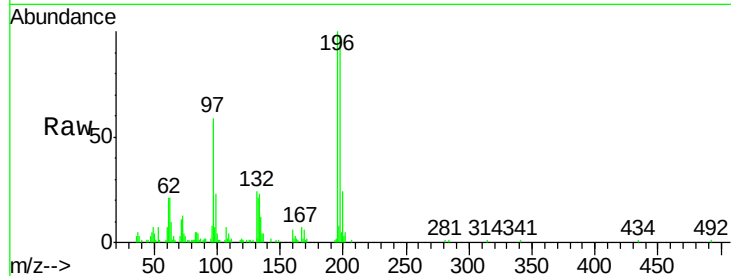
#43
 2,4,5-Trichlorophenol
 Concen: 19.65 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53354		
198	98.1	85.7	128.5	
97	59.4	45.5	68.3	
132	24.0	18.9	28.3	

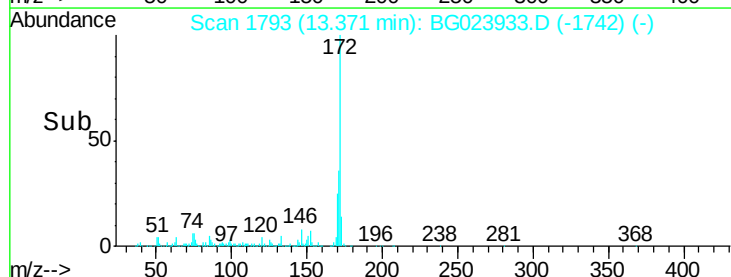
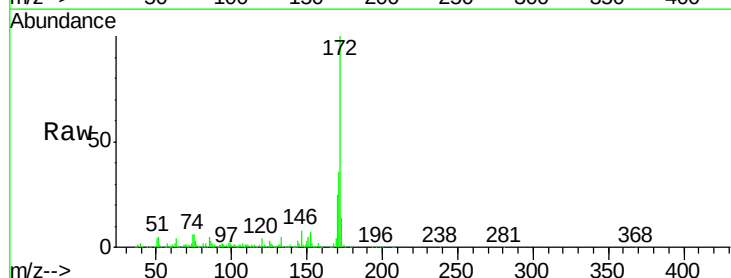
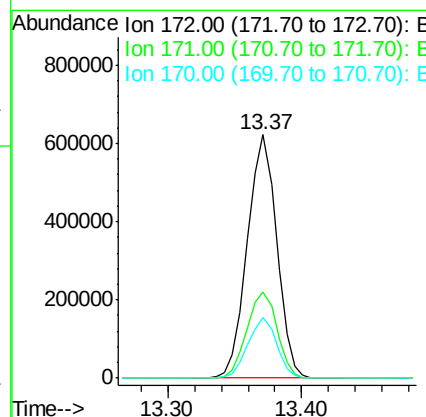
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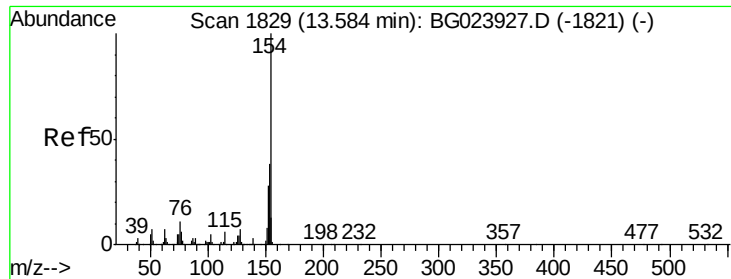
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#44
 2-Fluorobiphenyl
 Concen: 111.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	942081		
171	35.6	31.6	47.4	
170	25.0	21.3	31.9	





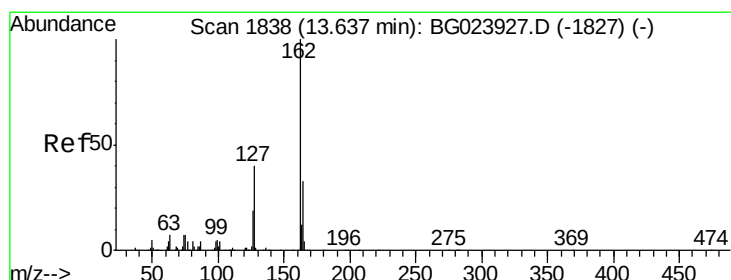
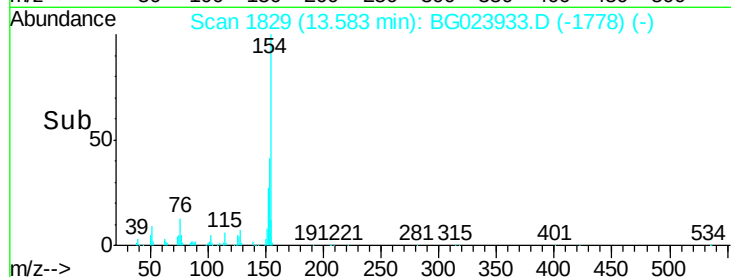
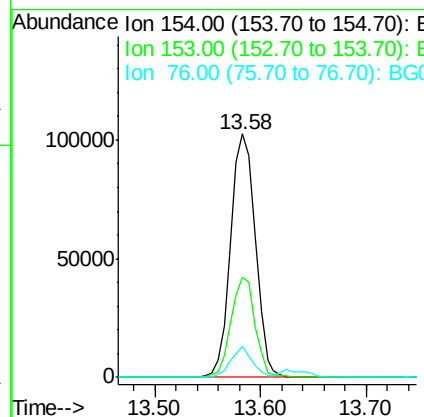
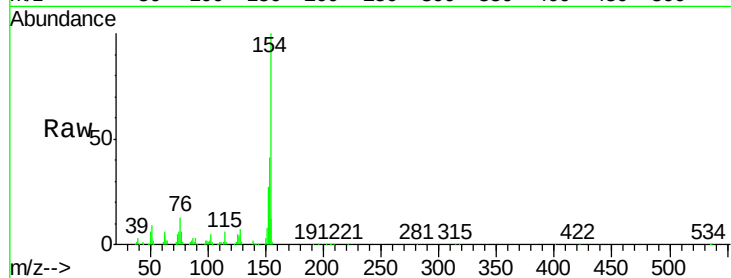
#45
 1,1'-Biphenyl
 Concen: 17.00 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	165848		
153	41.0	20.2	60.2	
76	13.0	0.0	32.9	

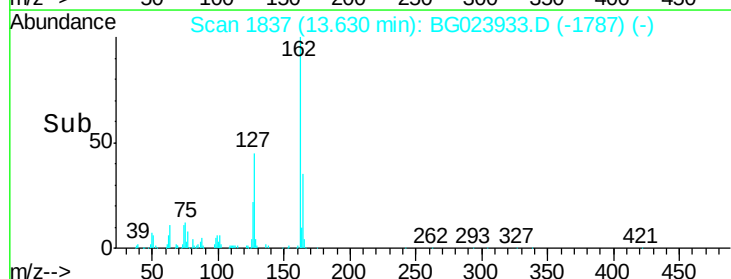
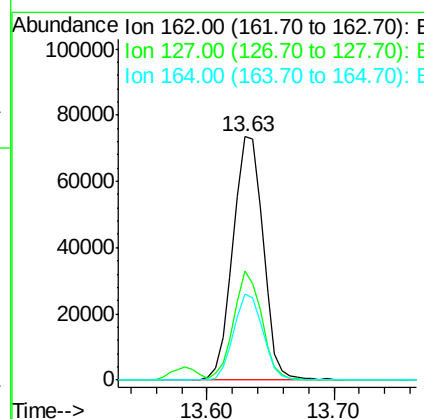
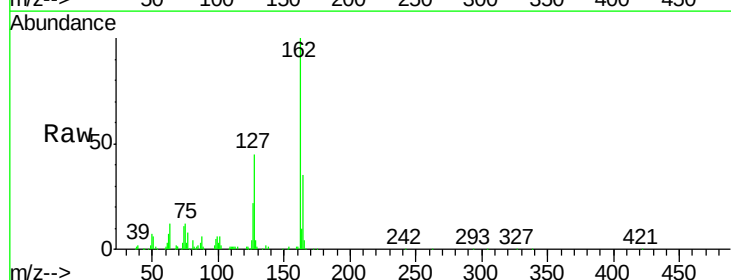
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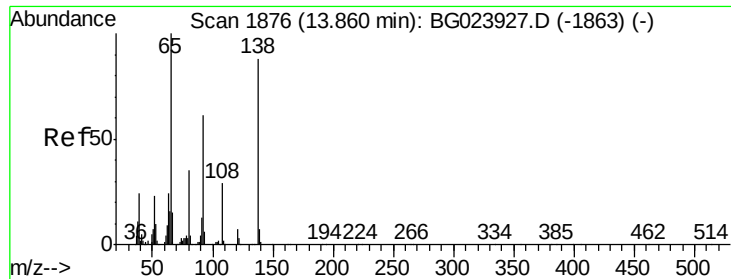
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#46
 2-Chloronaphthalene
 Concen: 16.87 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	120827		
127	44.8	32.4	48.6	
164	35.2	25.2	37.8	





#47

2-Nitroaniline

Concen: 18.25 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

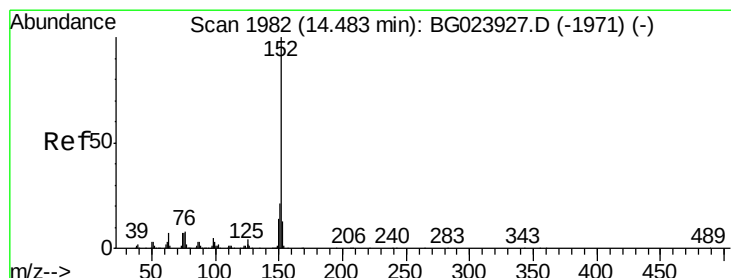
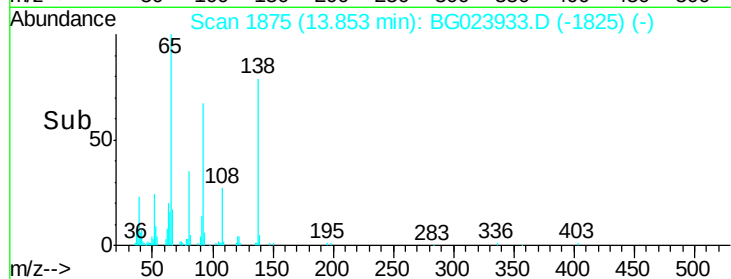
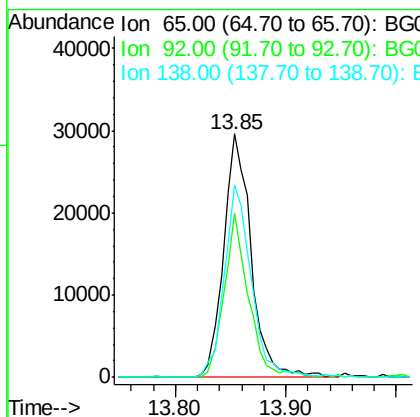
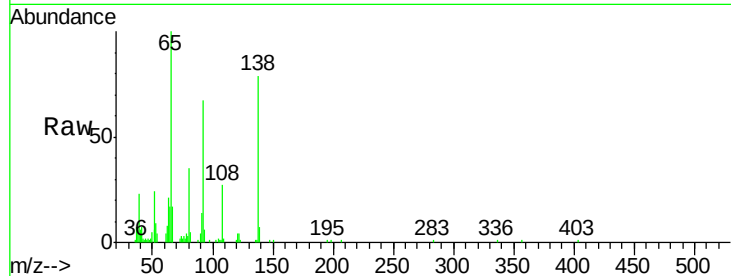
ClientSampleId :

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Tgt Ion:	65	Resp:	51482
Ion Ratio	Lower	Upper	
65	100		
92	67.5	49.4	74.0
138	78.9	58.0	87.0

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#48

Acenaphthylene

Concen: 17.46 ng

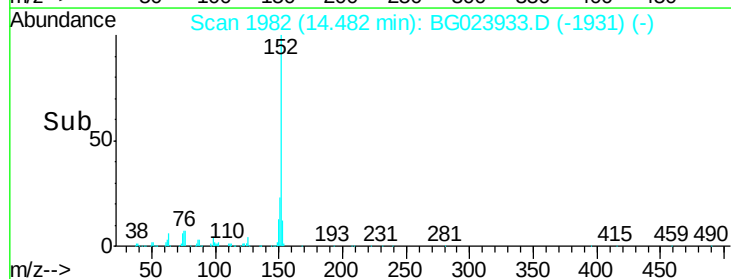
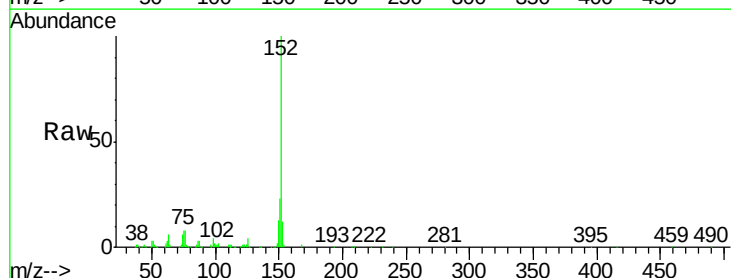
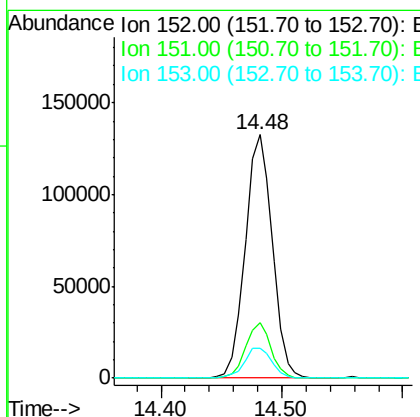
RT: 14.48 min Scan# 1982

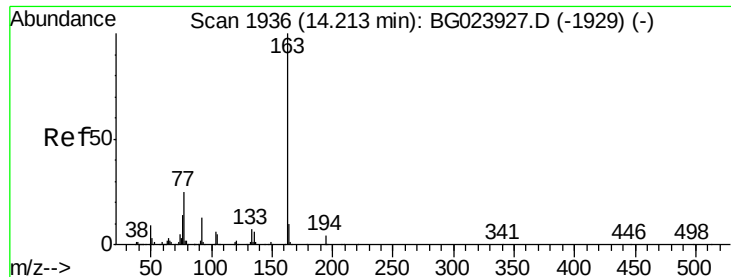
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	152	Resp:	208364
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.6	26.4
153	12.4	11.4	17.2





#49

Dimethylphthalate

Concen: 16.69 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

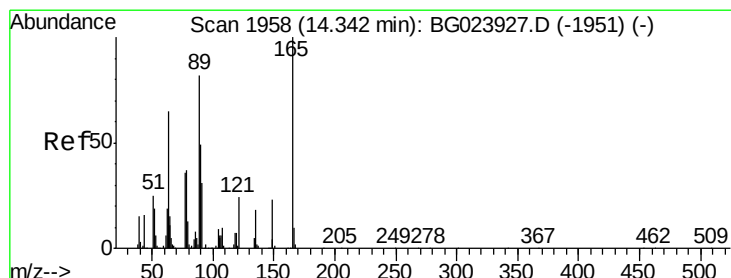
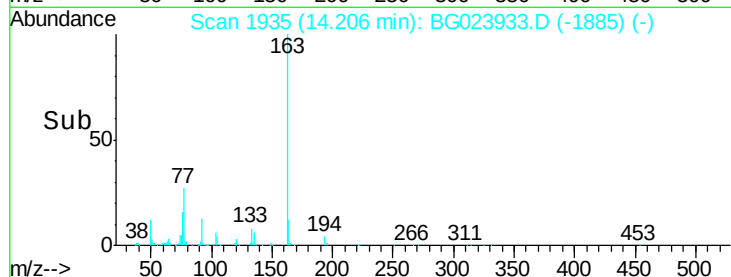
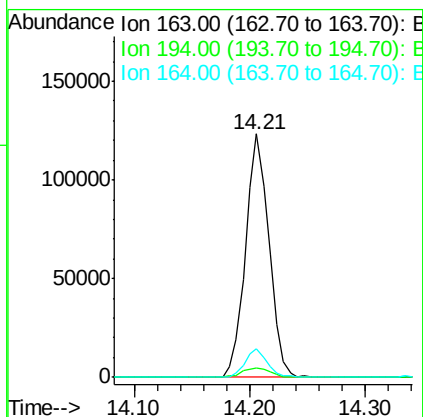
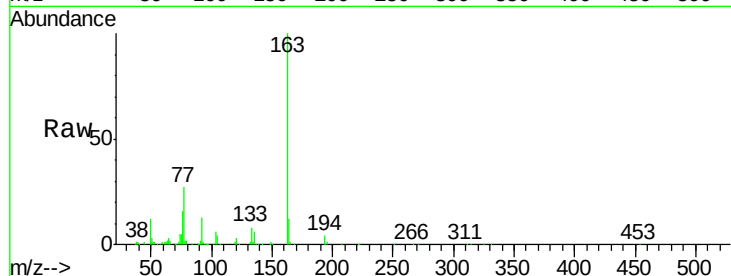
ClientSampleId :

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Tgt Ion:	163	Resp:	173592
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.6	5.4
164	11.7	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 16.78 ng

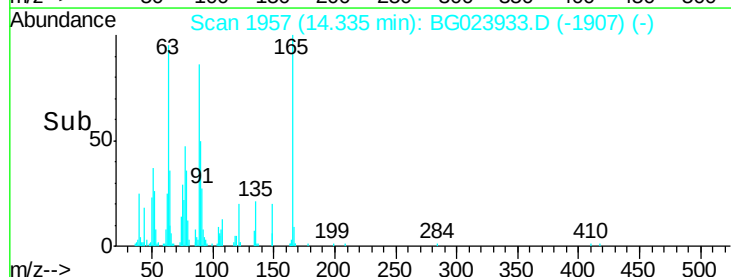
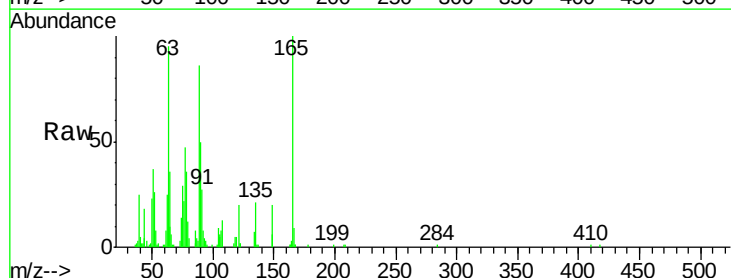
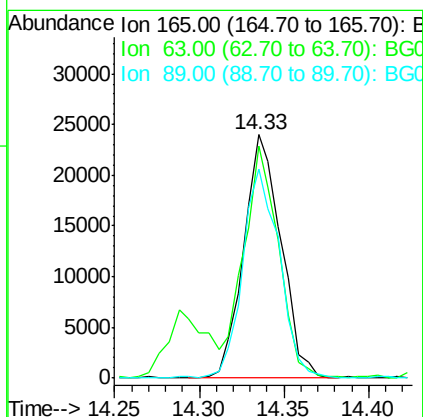
RT: 14.33 min Scan# 1957

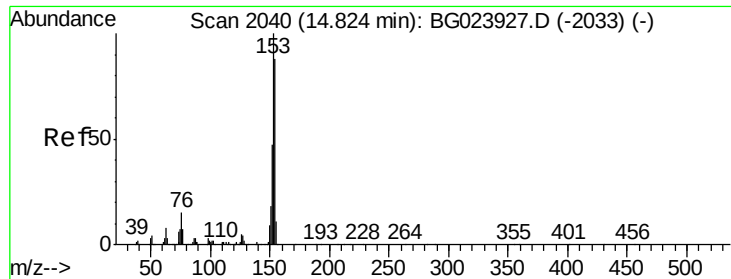
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	165	Resp:	36840
Ion Ratio	Lower	Upper	
165	100		
63	95.4	64.3	96.5
89	85.7	64.3	96.5





#51

Acenaphthene

Concen: 16.99 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

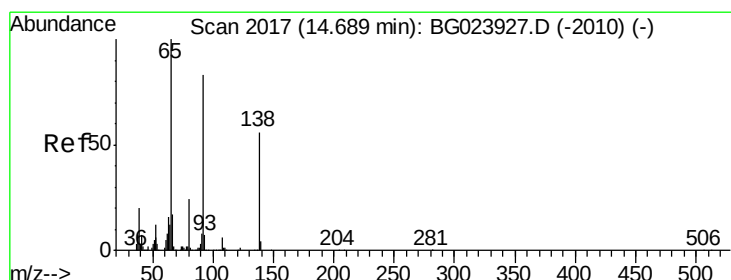
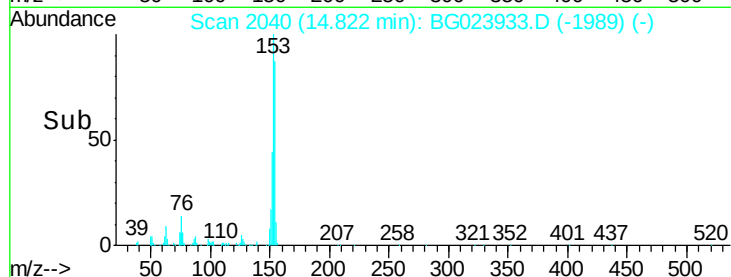
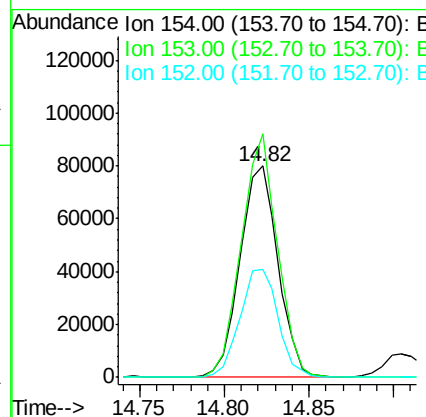
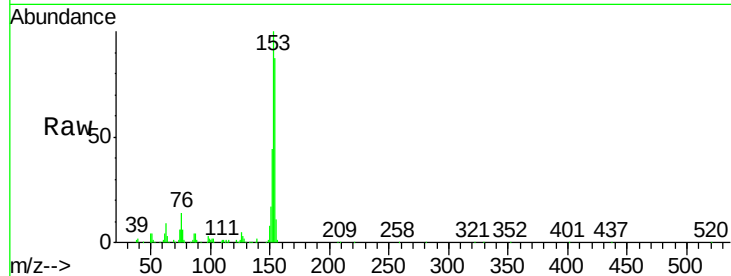
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	125382		
153	115.4	87.5	131.3	
152	50.9	42.7	64.1	

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#52

3-Nitroaniline

Concen: 15.05 ng

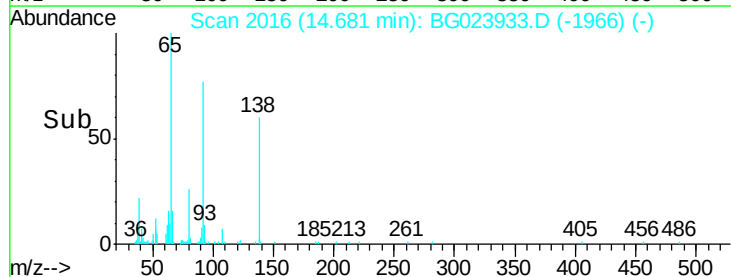
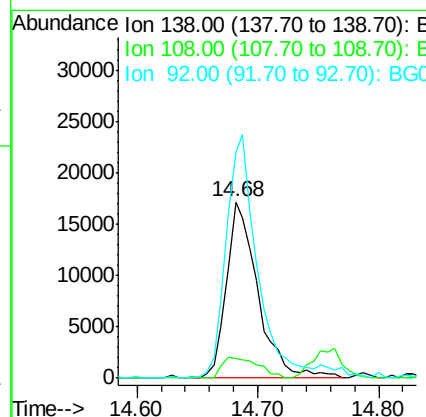
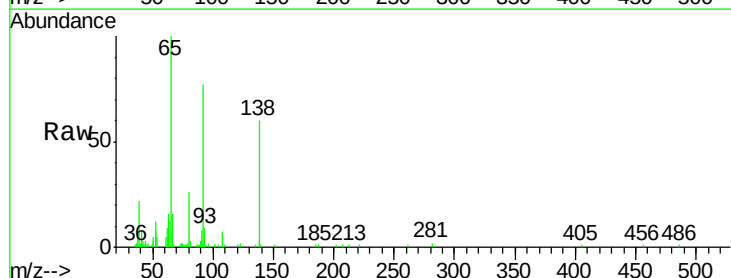
RT: 14.68 min Scan# 2016

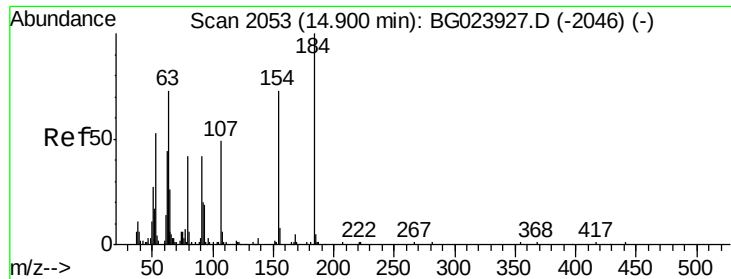
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	30897		
108	11.2	11.7	17.5#	
92	128.5	129.7	194.5#	





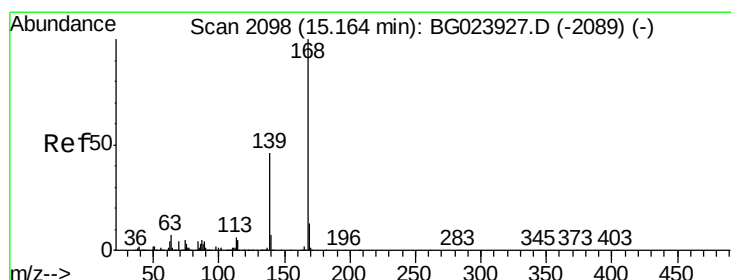
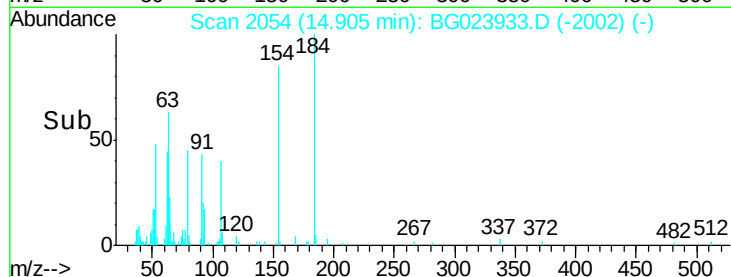
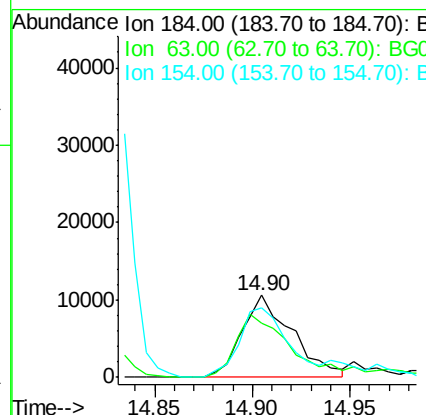
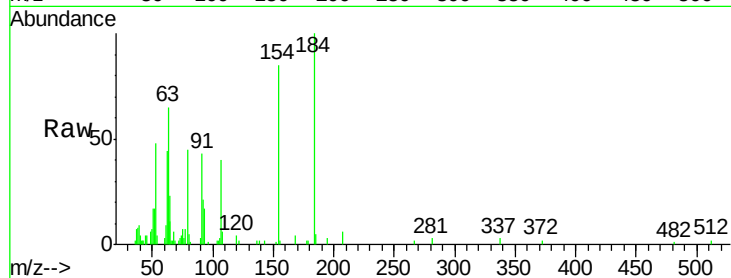
#53
2,4-Dinitrophenol
Concen: 17.31 ng
RT: 14.90 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	18868		
63	65.1	59.6	89.4	
154	85.1	67.4	101.0	

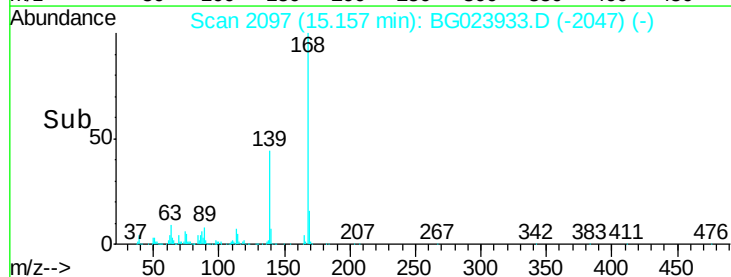
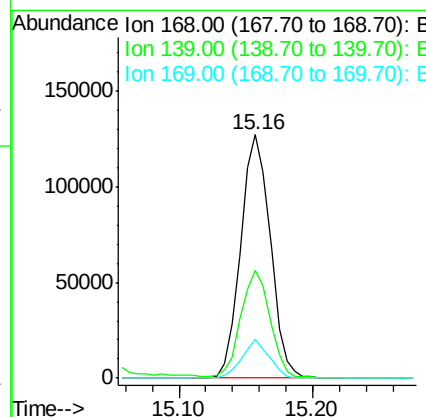
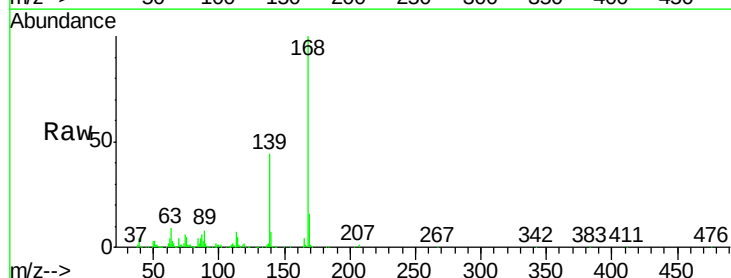
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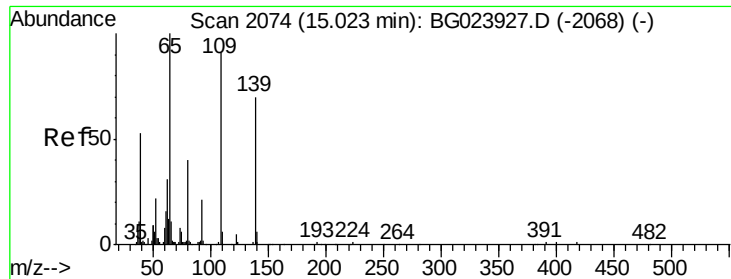
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#54
Dibenzofuran
Concen: 16.98 ng
RT: 15.16 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	195585		
139	44.4	36.4	54.6	
169	16.0	11.9	17.9	





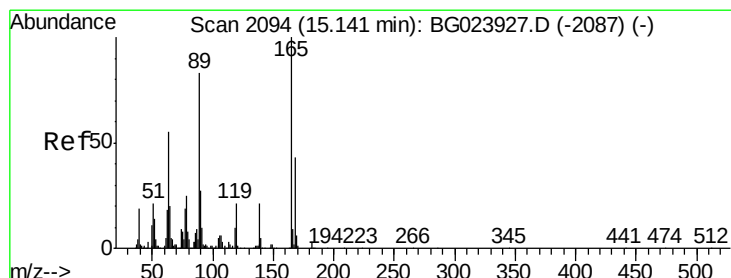
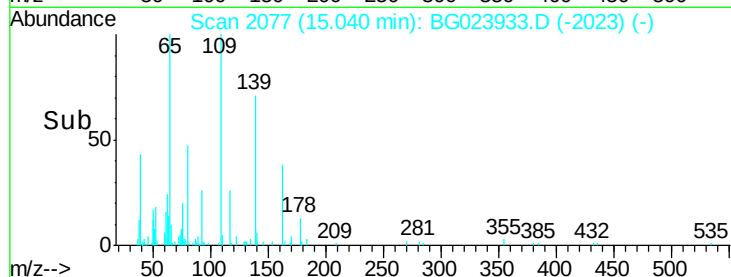
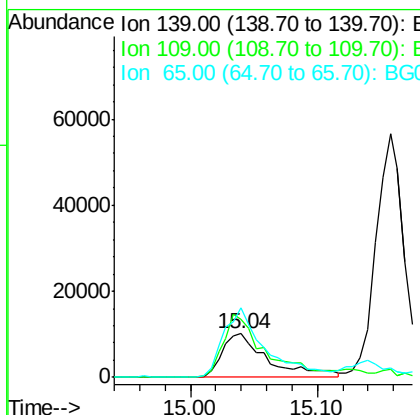
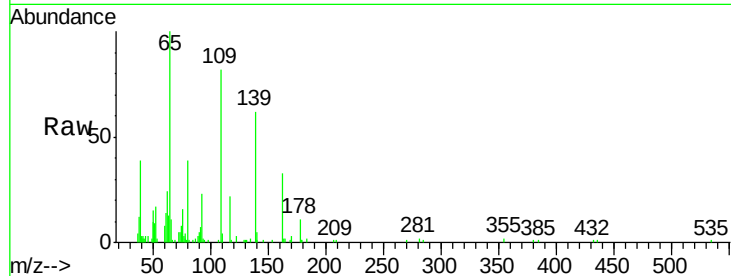
#55
4-Nitrophenol
Concen: 15.55 ng
RT: 15.04 min Scan# 2077
Delta R.T. 0.02 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	25409		
109	133.0	103.0	143.0	
65	161.3	112.7	152.7	

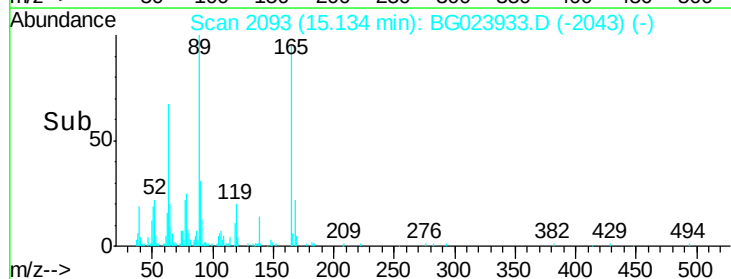
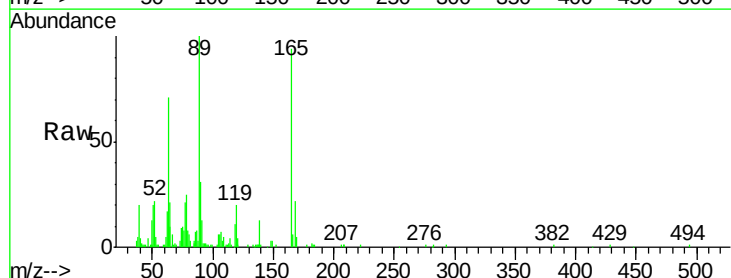
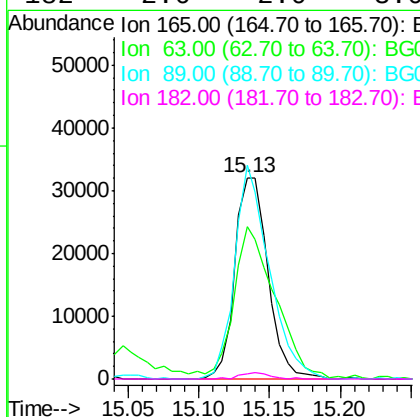
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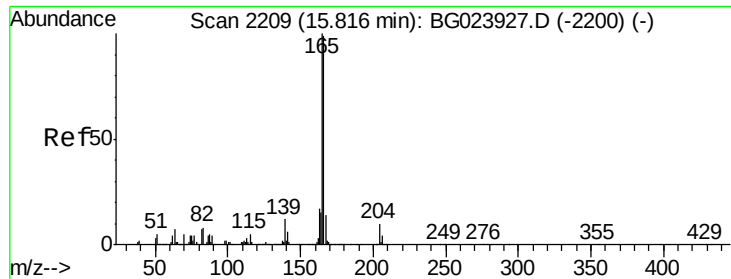
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#56
2,4-Dinitrotoluene
Concen: 16.29 ng
RT: 15.13 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52549		
63	75.5	45.8	68.6	
89	106.1	68.6	102.8	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 16.64 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

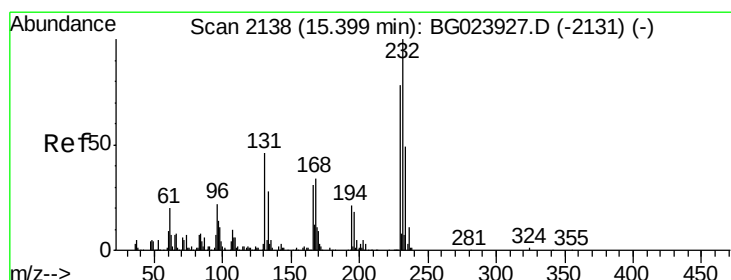
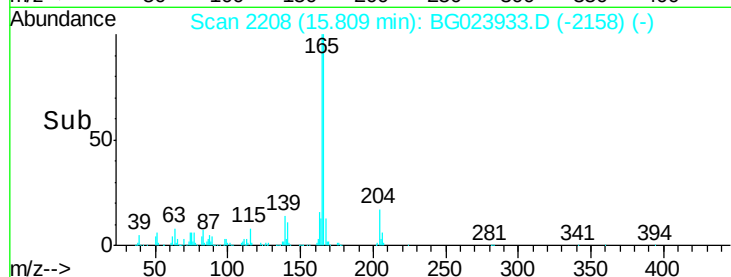
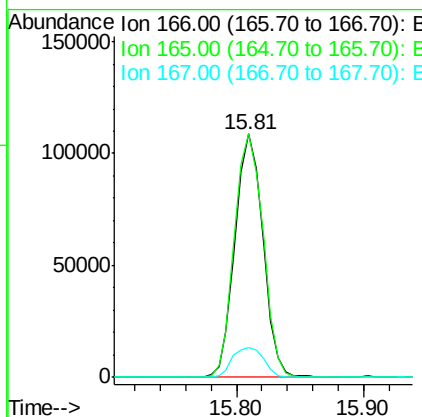
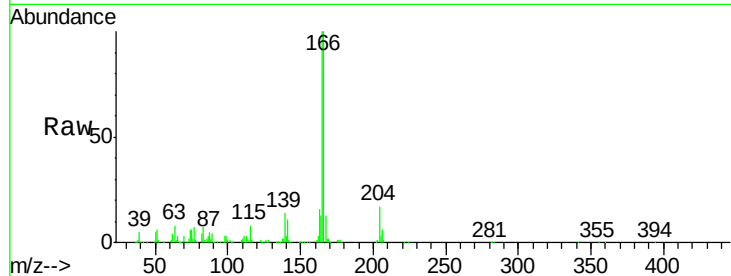
ClientSampleId :

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Tgt Ion:	166	Resp:	166179
Ion Ratio	Lower	Upper	
166	100		
165	100.1	81.0	121.6
167	12.5	12.0	18.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 17.96 ng

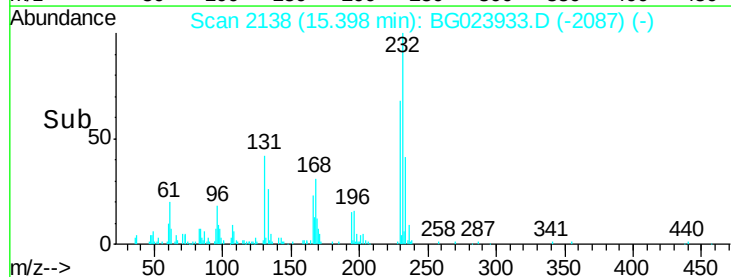
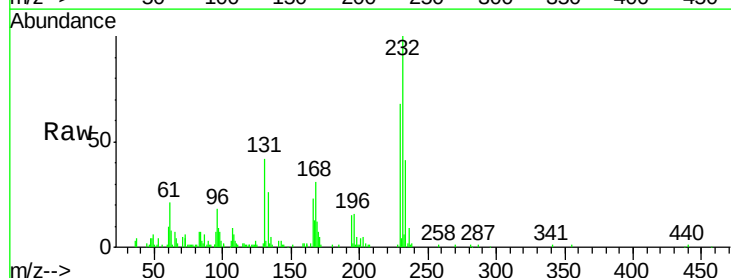
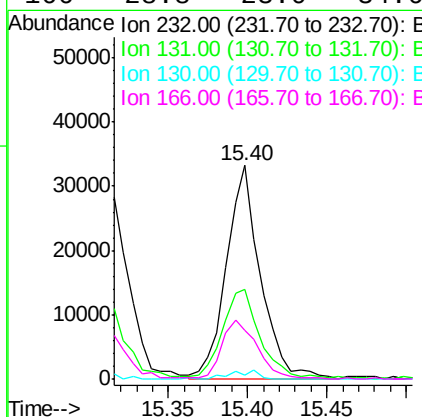
RT: 15.40 min Scan# 2138

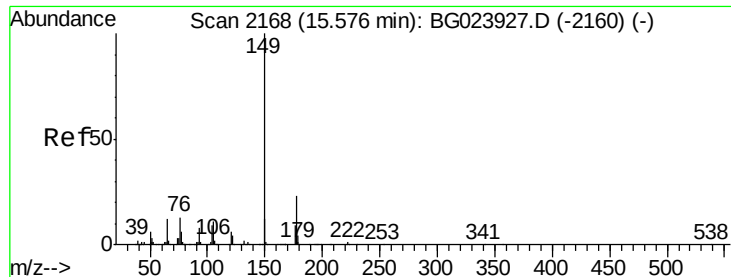
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	232	Resp:	49510
Ion Ratio	Lower	Upper	
232	100		
131	45.5	32.7	49.1
130	3.3	2.6	3.8
166	28.8	23.0	34.6





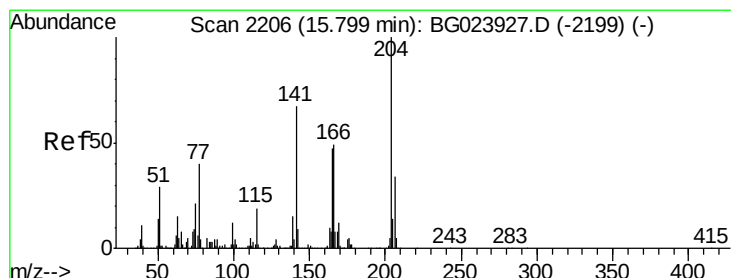
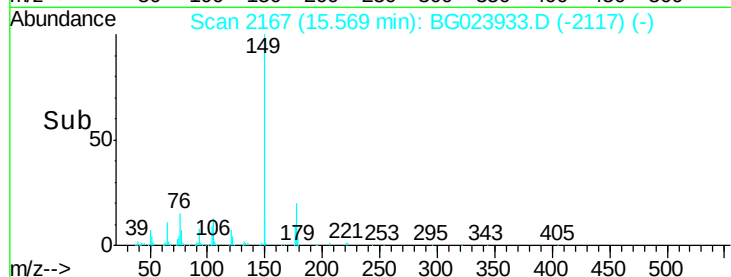
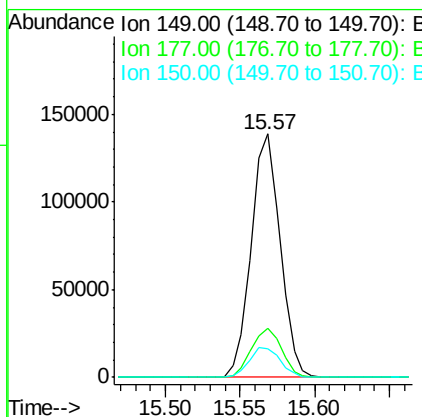
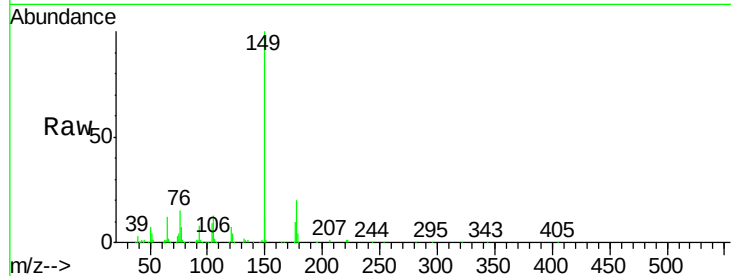
#59
Diethylphthalate
Concen: 16.73 ng
RT: 15.57 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	185682		
177	20.1	19.2	28.8	
150	11.8	10.6	16.0	

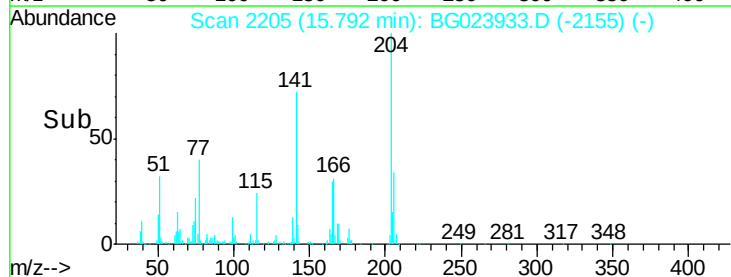
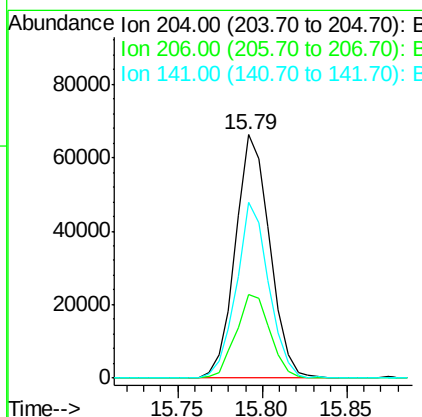
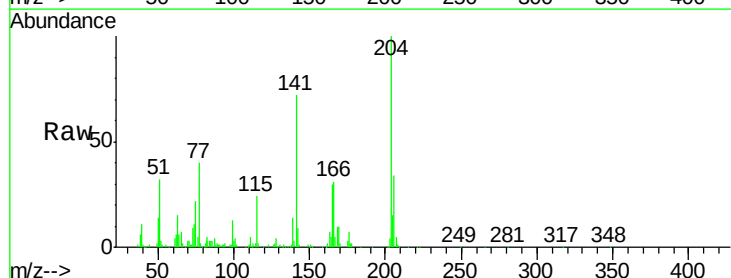
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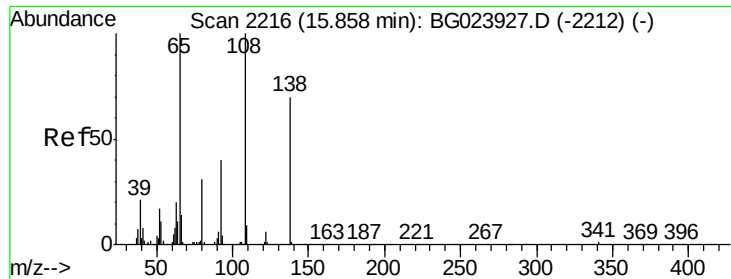
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#60
4-Chlorophenyl-phenylether
Concen: 17.41 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	93609		
206	34.1	28.5	42.7	
141	72.1	51.4	77.0	





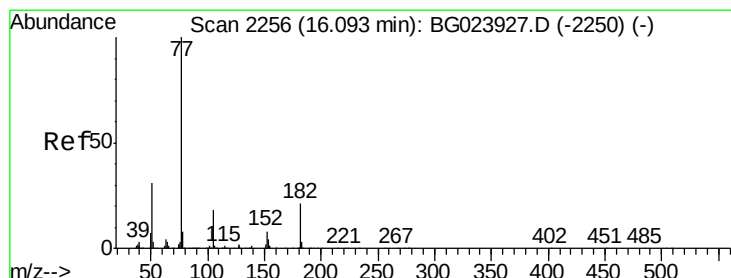
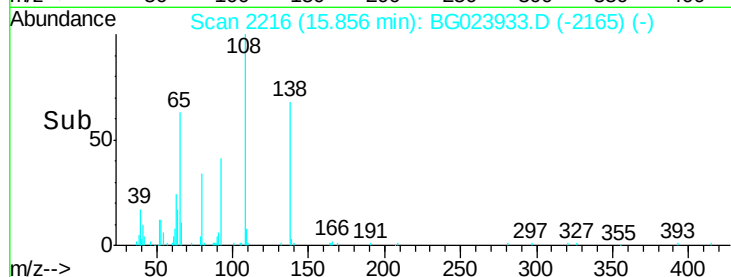
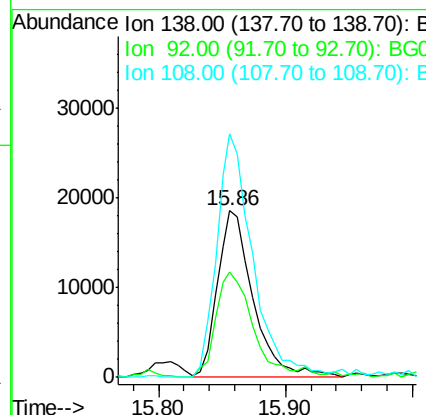
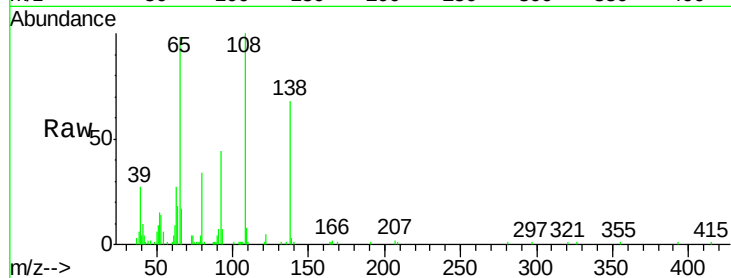
#61
4-Nitroaniline
Concen: 17.52 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

Tgt Ion: 138 Resp: 36372
Ion Ratio Lower Upper
138 100
92 63.5 54.1 94.1
108 146.0 133.9 173.9

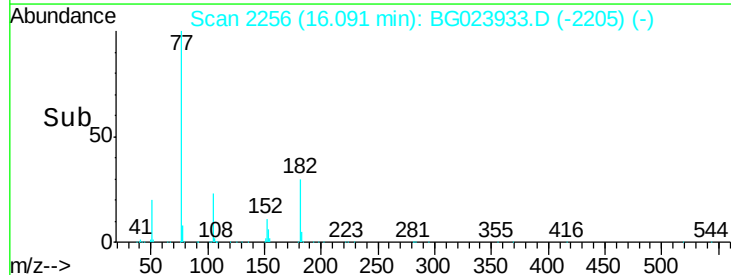
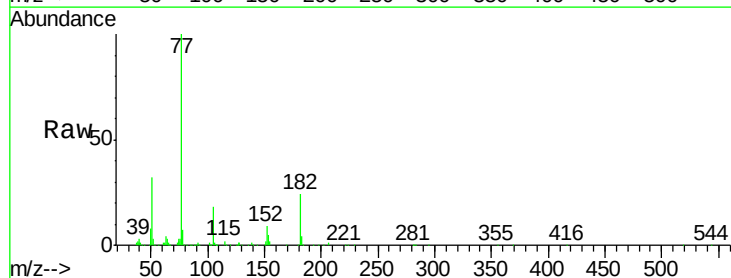
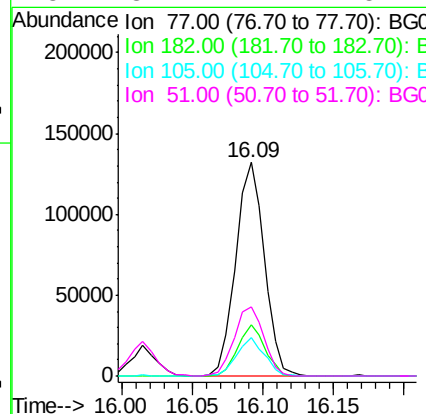
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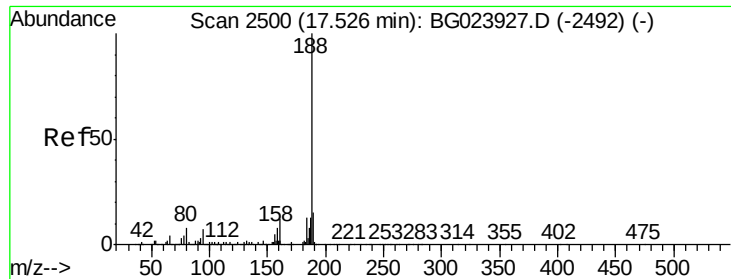
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#62
Azobenzene
Concen: 17.40 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion: 77 Resp: 187017
Ion Ratio Lower Upper
77 100
182 24.2 3.5 43.5
105 18.1 0.0 38.5
51 32.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

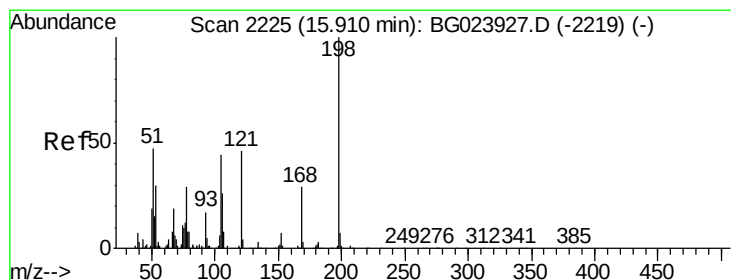
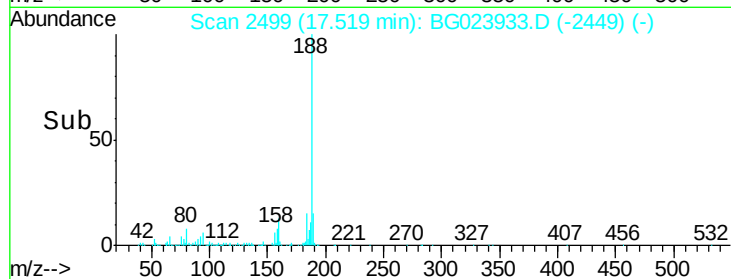
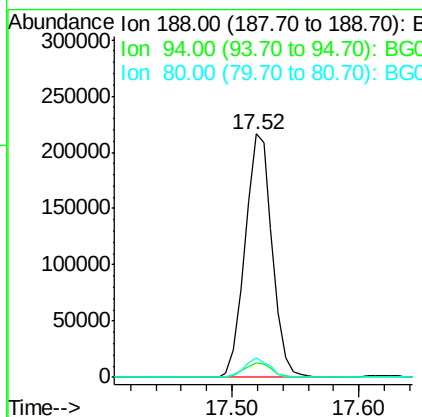
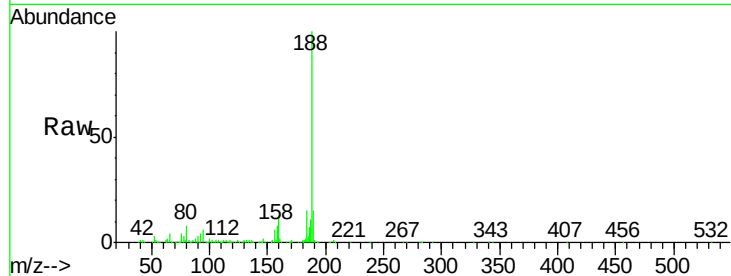
ClientSampleId :

LOQ-SOIL2016-02

Tgt Ion:	188	Resp:	318863
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.2	7.8
80	8.0	7.2	10.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 16.53 ng

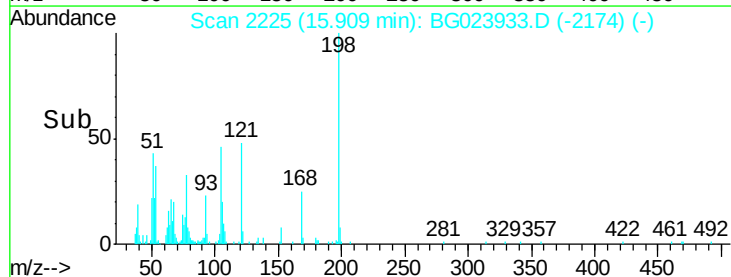
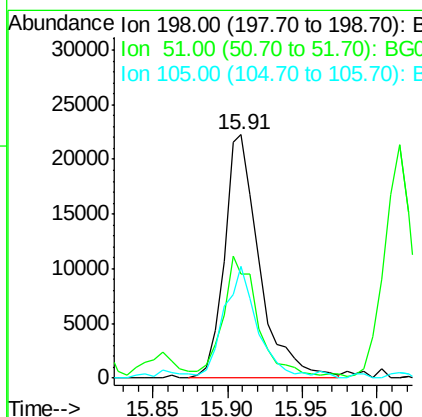
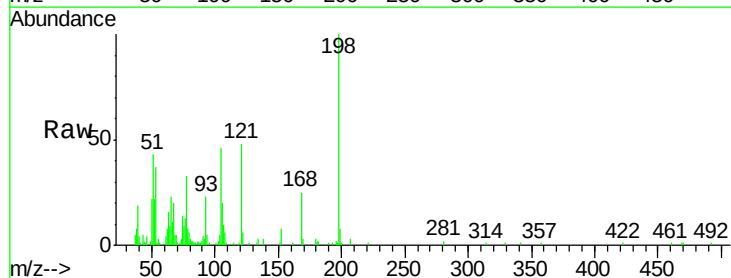
RT: 15.91 min Scan# 2225

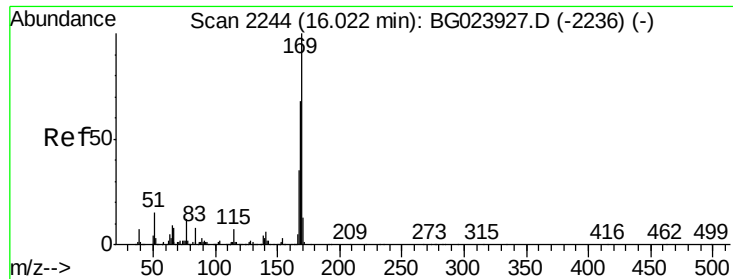
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	198	Resp:	36602
Ion Ratio	Lower	Upper	
198	100		
51	42.8	26.0	66.0
105	45.7	20.1	60.1





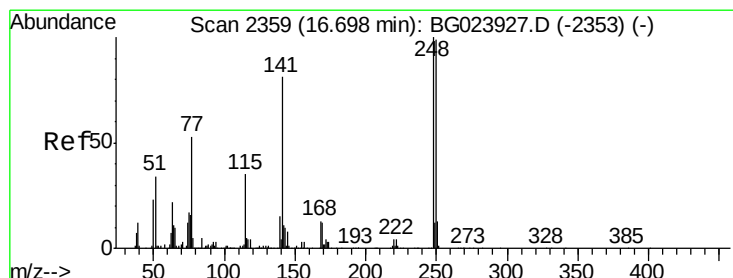
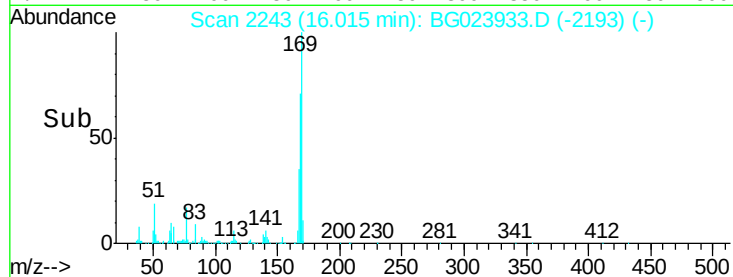
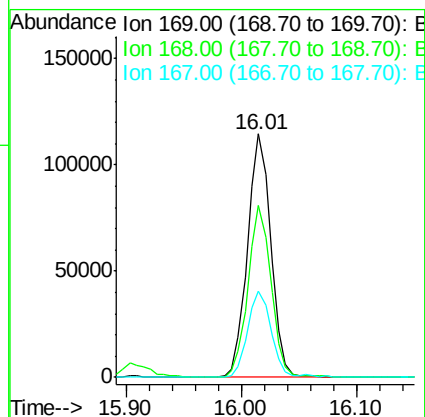
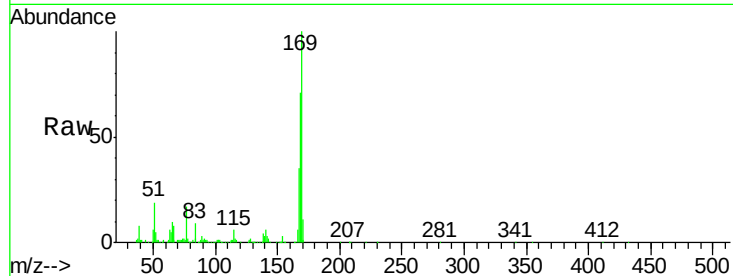
#65
 n-Nitrosodiphenylamine
 Concen: 17.80 ng
 RT: 16.01 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	161244		
168	70.8	55.0	82.4	
167	35.4	27.4	41.0	

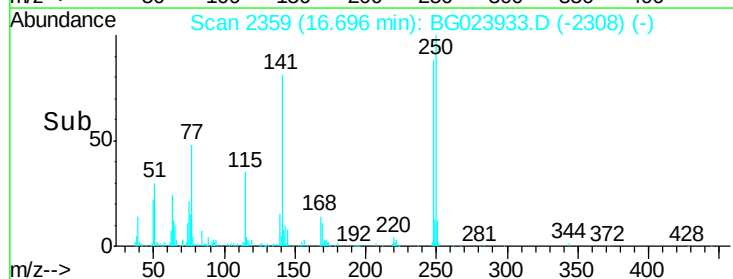
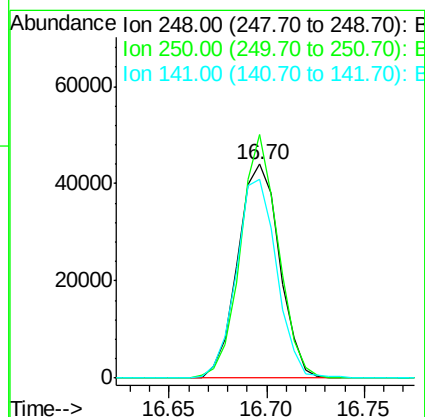
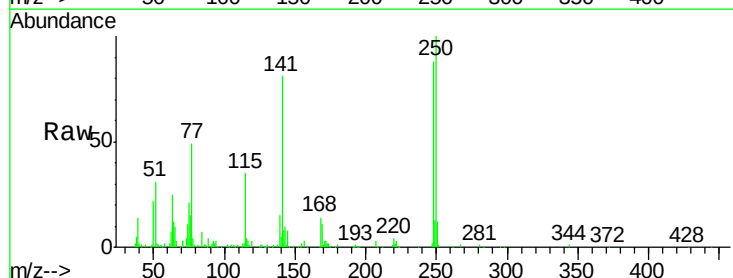
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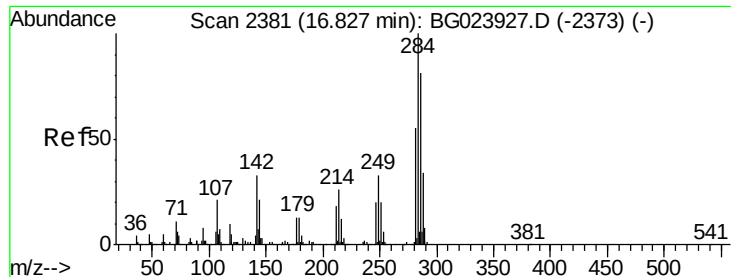
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#66
 4-Bromophenyl-phenylether
 Concen: 16.81 ng
 RT: 16.70 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65210		
250	114.0	77.8	116.8	
141	92.8	65.7	98.5	





#67

Hexachlorobenzene

Concen: 17.40 ng

RT: 16.82 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

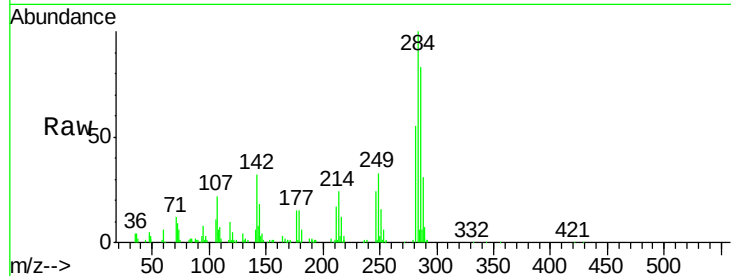
ClientSampleId :

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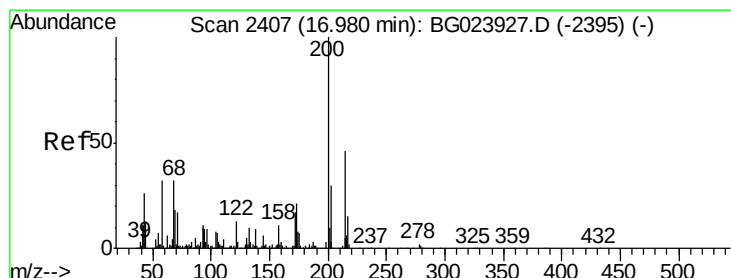
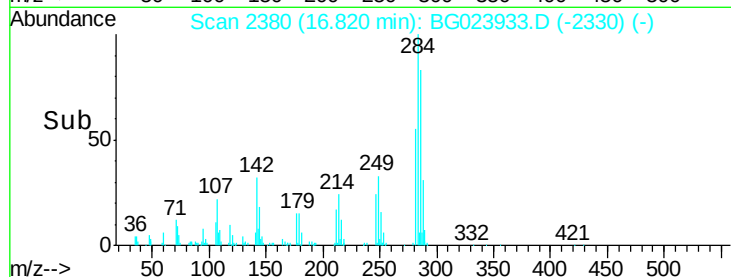
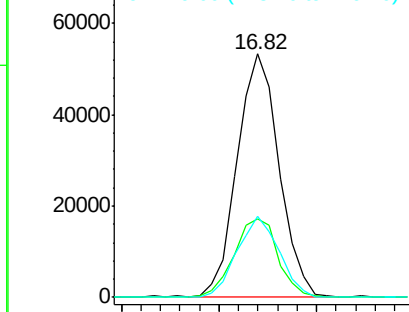
Tgt Ion:	284	Resp:	79181
Ion Ratio	Lower	Upper	
284	100		
142	32.1	26.8	40.2
249	33.0	28.9	43.3

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 17.61 ng

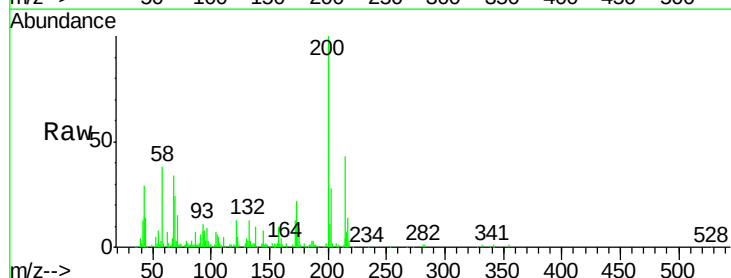
RT: 16.97 min Scan# 2405

Delta R.T. -0.01 min

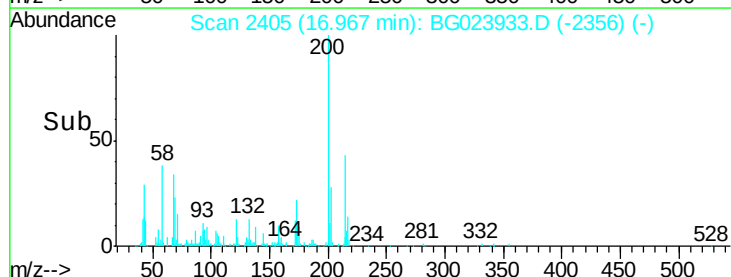
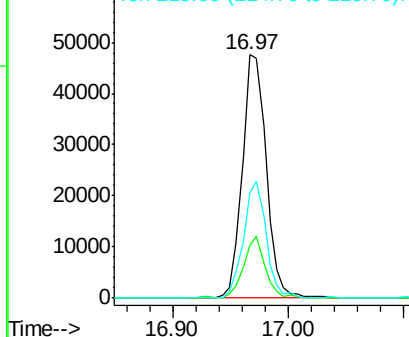
Lab File: BG023933.D

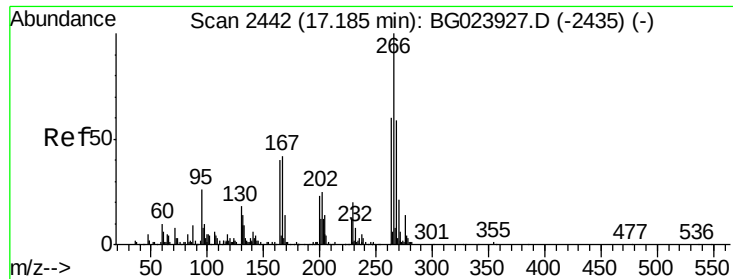
Acq: 31 Aug 2016 20:35

Tgt Ion:	200	Resp:	68632
Ion Ratio	Lower	Upper	
200	100		
173	21.6	1.6	41.6
215	43.4	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





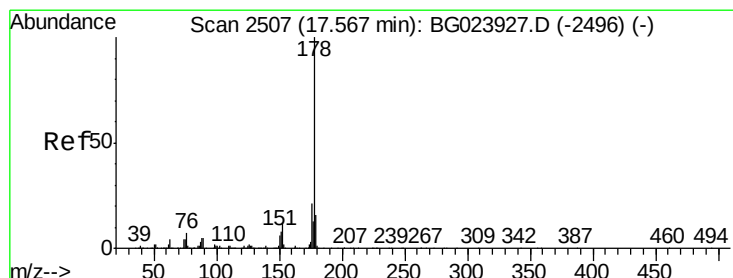
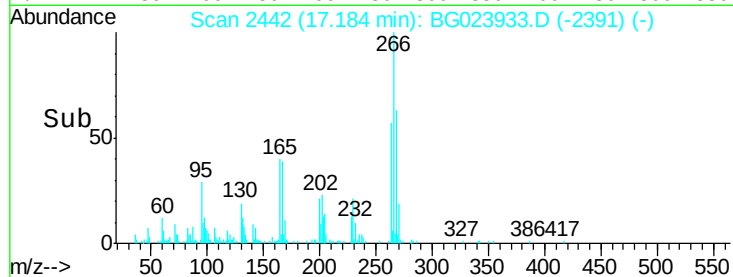
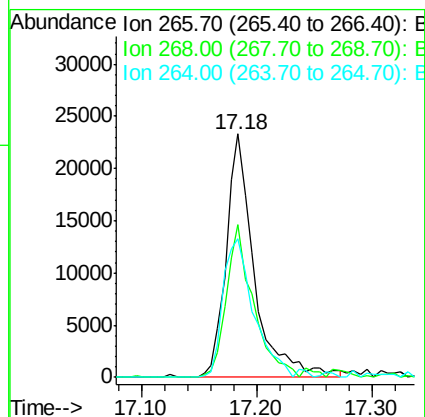
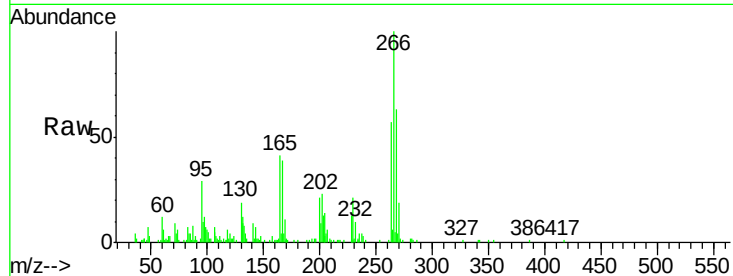
#69
 Pentachlorophenol
 Concen: 16.28 ng
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.9	77.9
264	56.9	50.6	75.8

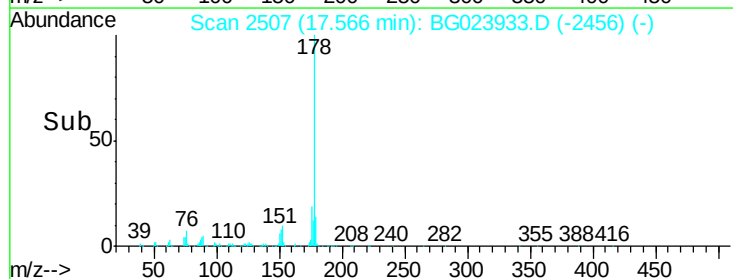
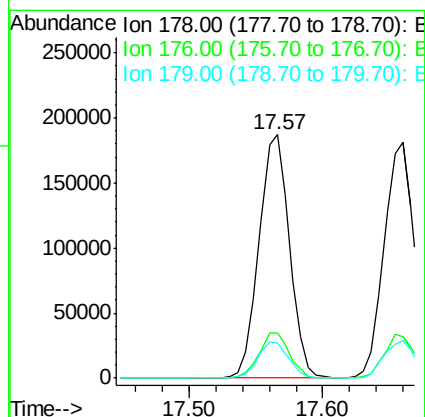
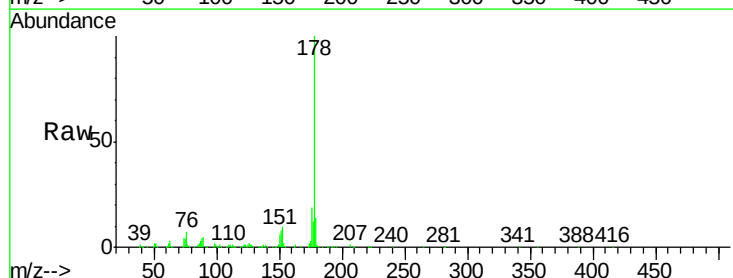
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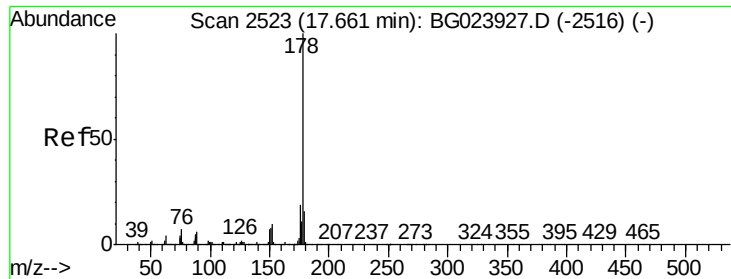
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#70
 Phenanthrene
 Concen: 17.67 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

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





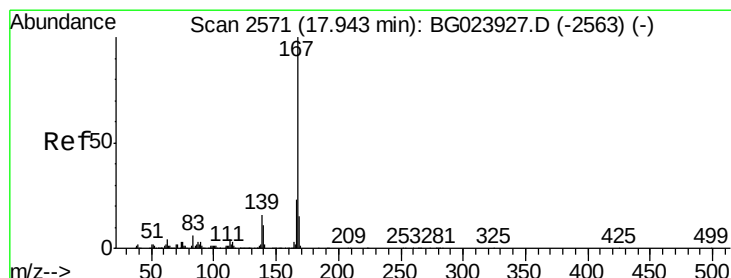
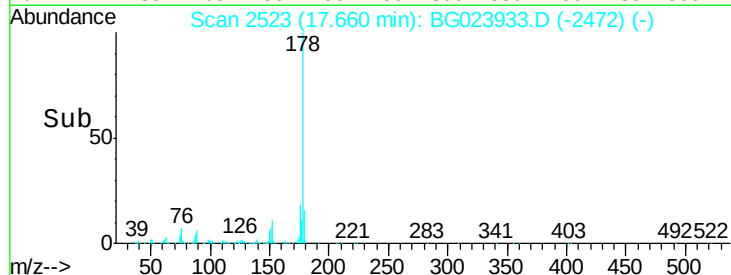
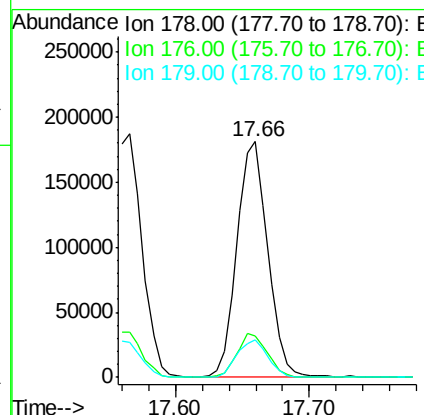
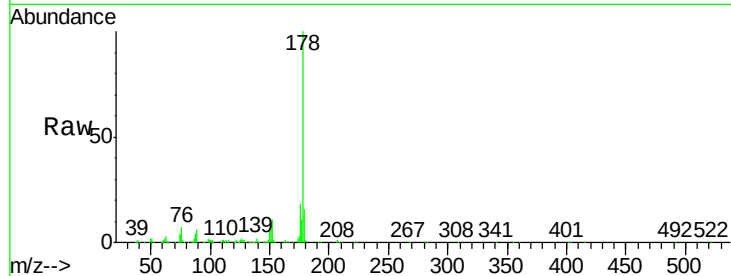
#71
 Anthracene
 Concen: 17.25 ng
 RT: 17.66 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	291899		
176	17.7	17.3	25.9	
179	15.8	14.0	21.0	

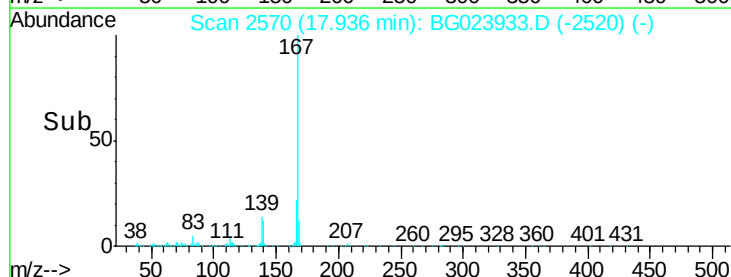
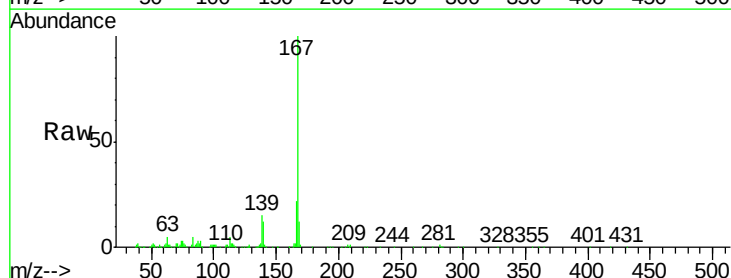
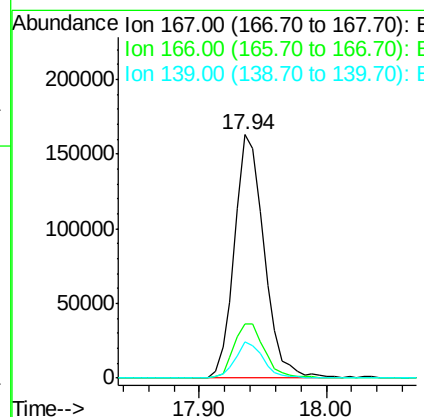
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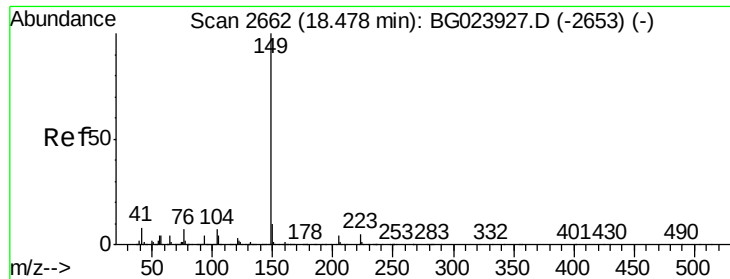
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#72
 Carbazole
 Concen: 17.11 ng
 RT: 17.94 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	262659		
166	22.1	20.7	31.1	
139	15.1	11.9	17.9	





#73

Di-n-butylphthalate

Concen: 17.66 ng

RT: 18.47 min Scan# 2661

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

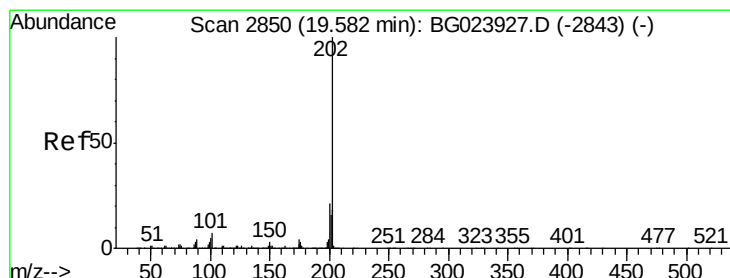
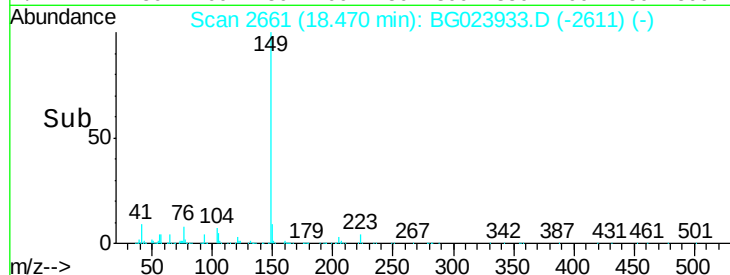
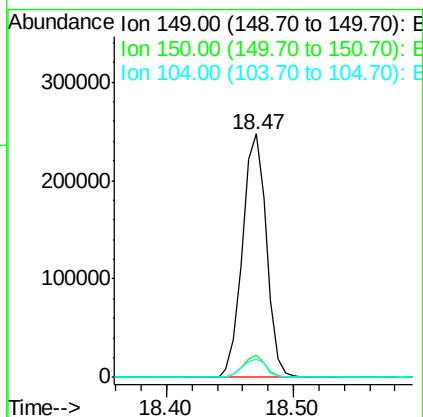
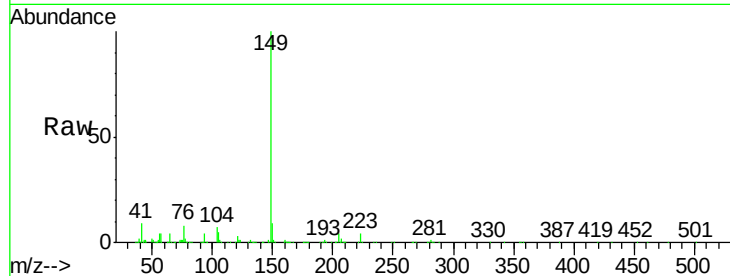
ClientSampleId :

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Tgt Ion:	149	Resp:	323500
Ion Ratio	Lower	Upper	
149	100		
150	9.3	9.1	13.7
104	7.3	6.9	10.3

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#74

Fluoranthene

Concen: 18.08 ng

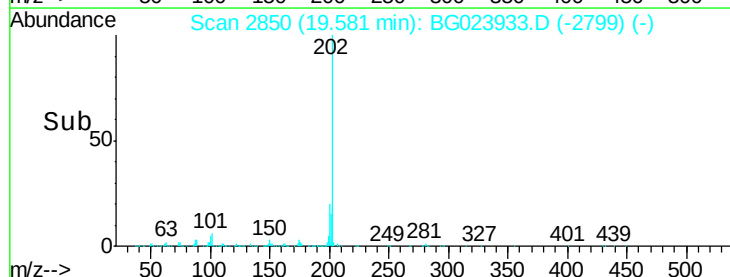
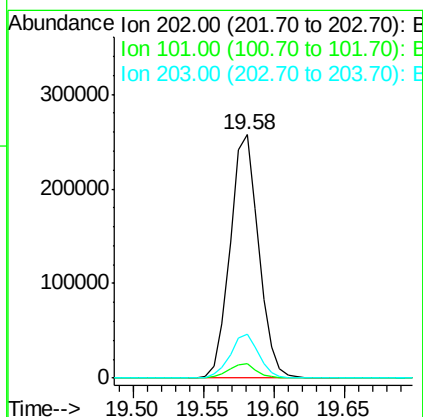
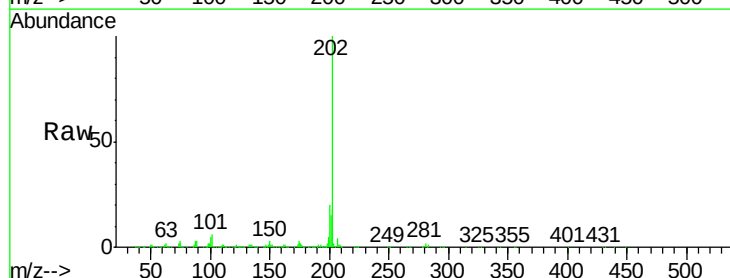
RT: 19.58 min Scan# 2850

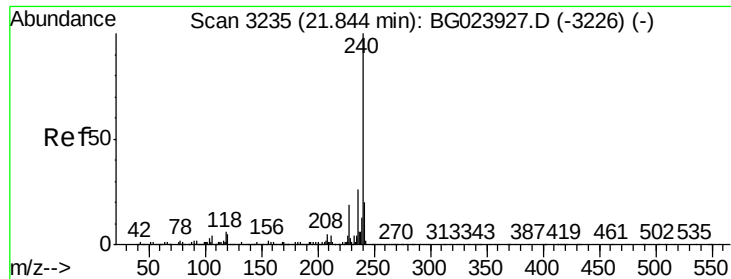
Delta R.T. -0.00 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	202	Resp:	361007
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	27.4
203	18.2	1.7	41.7





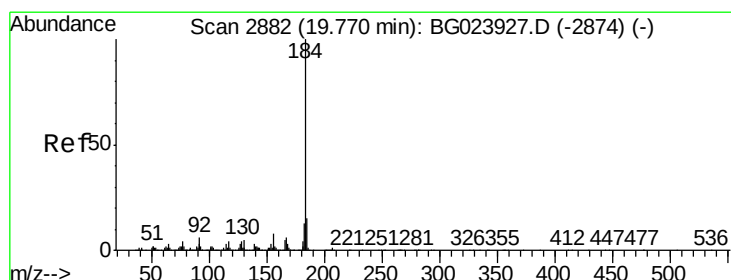
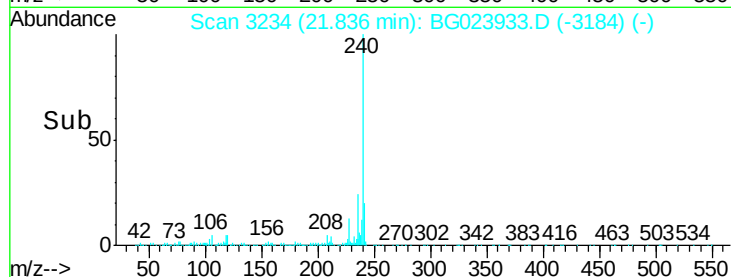
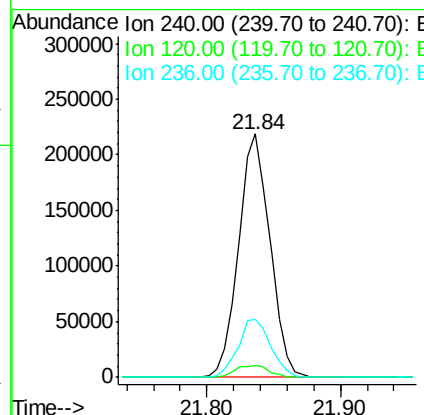
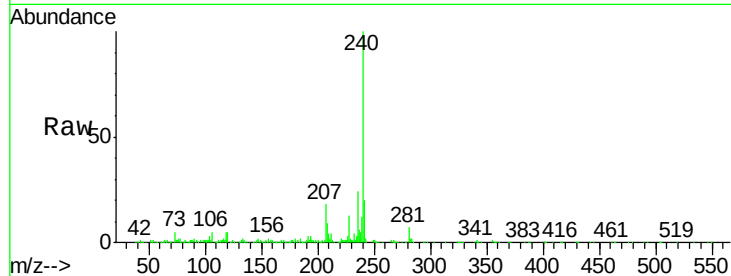
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	355684		
120	4.7		4.1	6.1
236	24.0		21.1	31.7

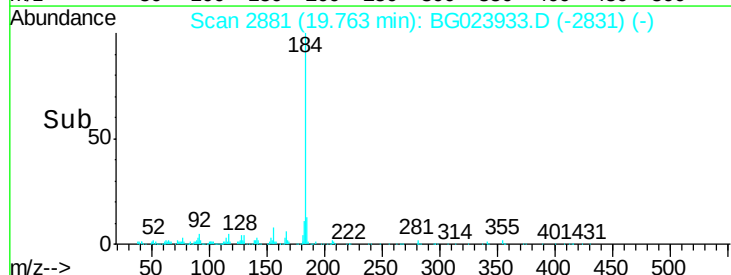
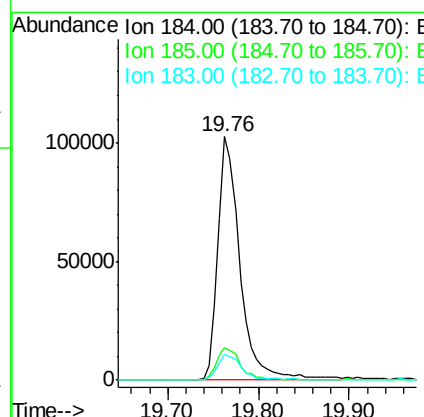
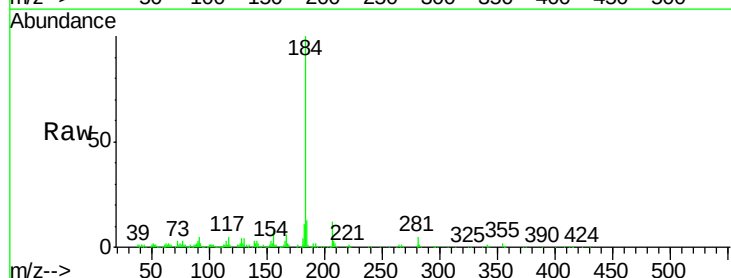
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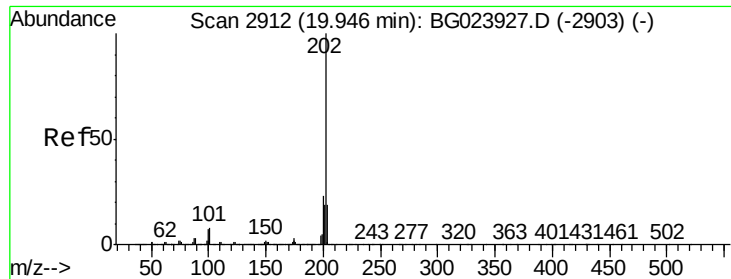
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#76
Benzidine
Concen: 15.92 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	175356		
185	13.3		12.6	19.0
183	10.9		10.7	16.1





#77

Pyrene

Concen: 17.14 ng

RT: 19.94 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

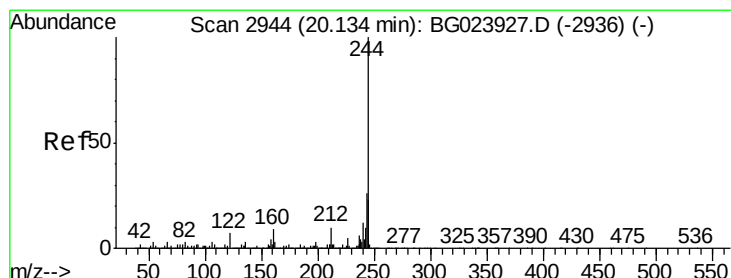
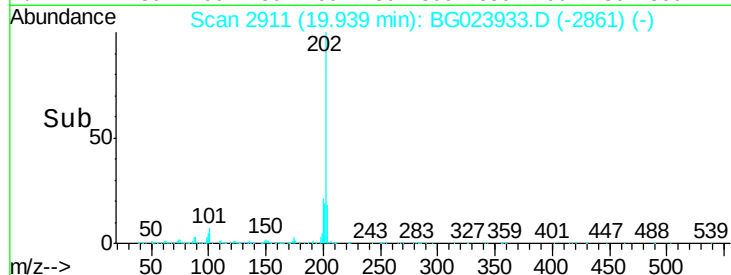
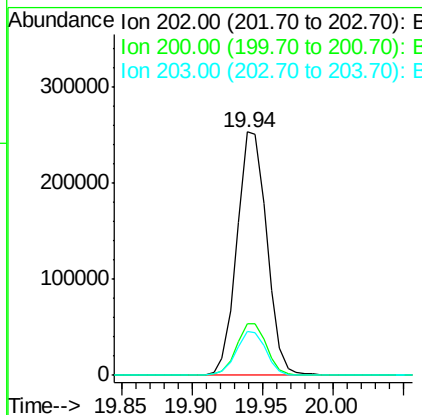
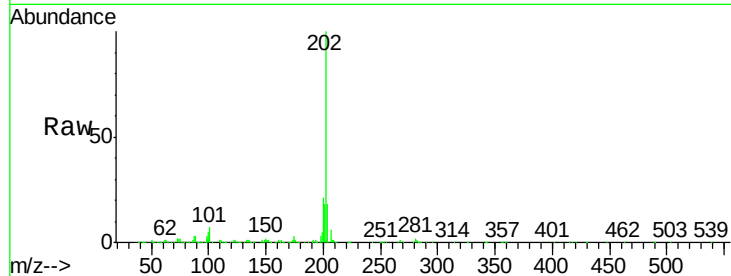
ClientSampleId :

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Tgt Ion:	202	Resp:	374943
Ion Ratio	Lower	Upper	
202	100		
200	21.0	21.2	31.8#
203	18.2	16.8	25.2

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#78

Terphenyl-d14

Concen: 112.27 ng

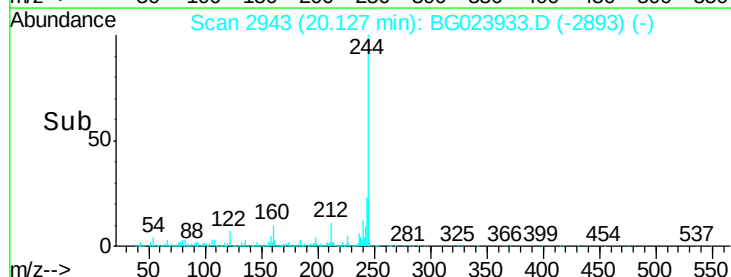
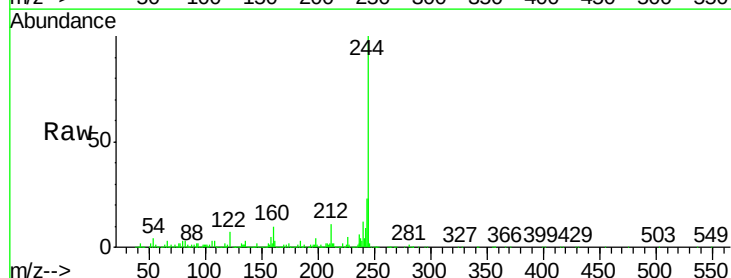
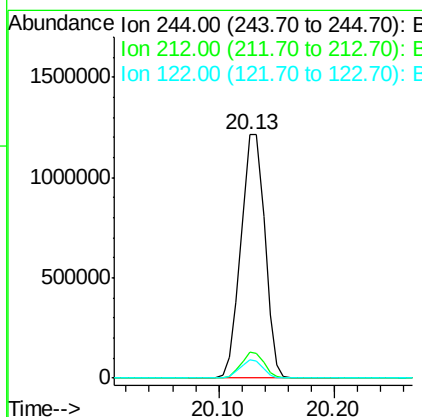
RT: 20.13 min Scan# 2943

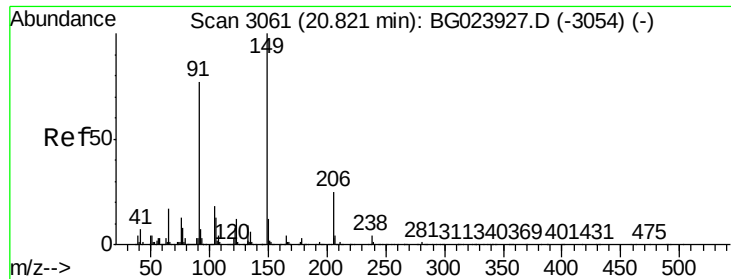
Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	244	Resp:	1753451
Ion Ratio	Lower	Upper	
244	100		
212	10.5	10.8	16.2#
122	7.3	8.0	12.0#





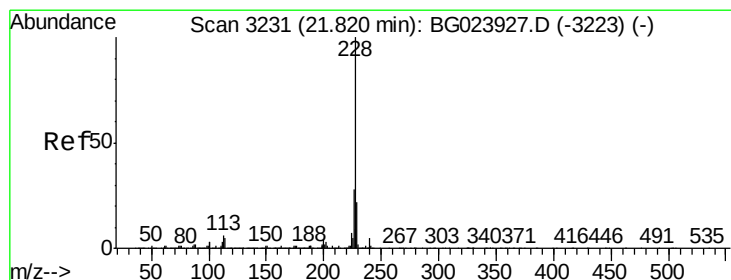
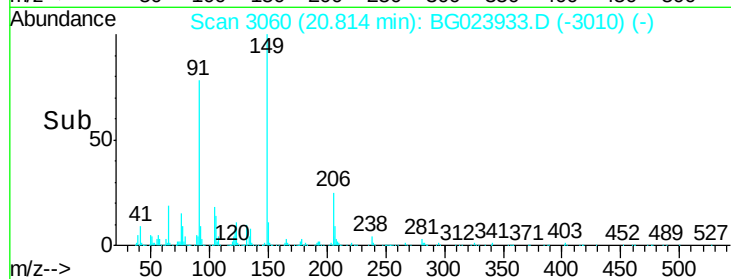
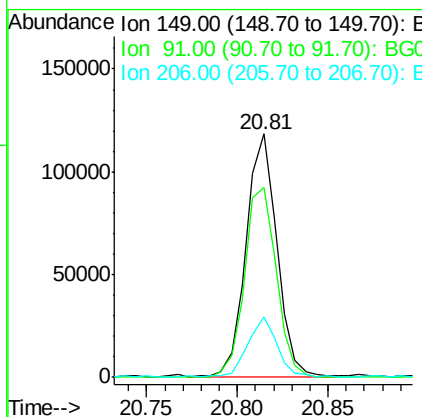
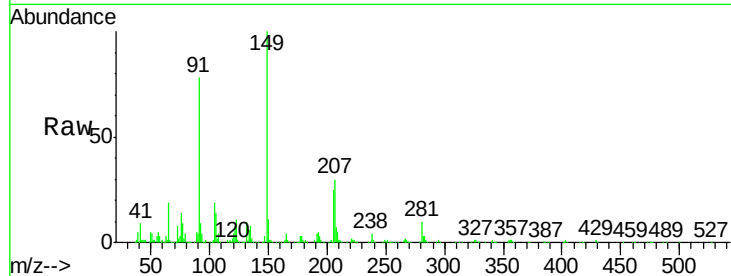
#79
Butylbenzylphthalate
Concen: 16.45 ng
RT: 20.81 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.2	68.1	102.1
206	25.1	19.8	29.6

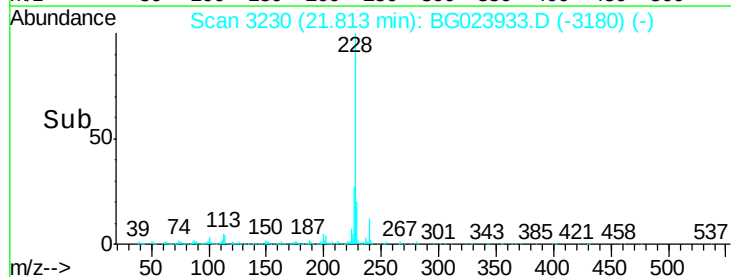
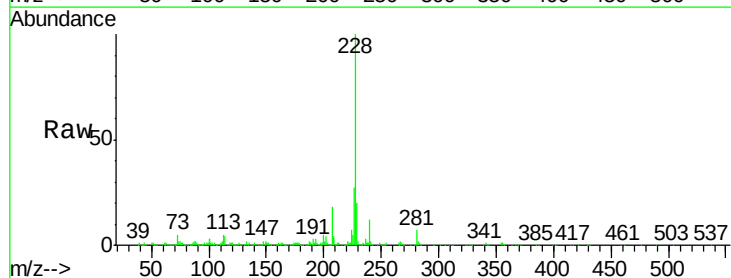
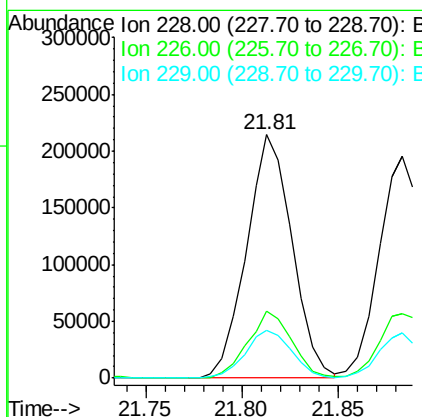
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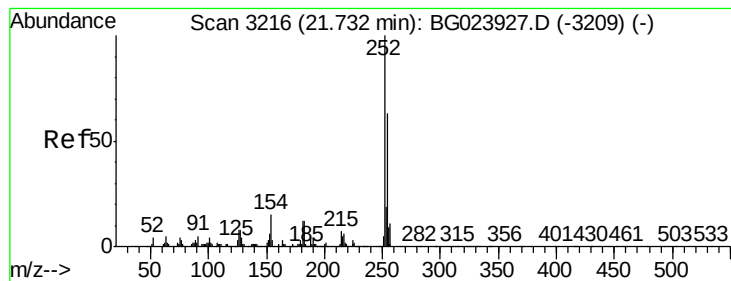
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#80
Benzo(a)anthracene
Concen: 17.78 ng m
RT: 21.81 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.3	37.9
229	19.7	19.9	29.9





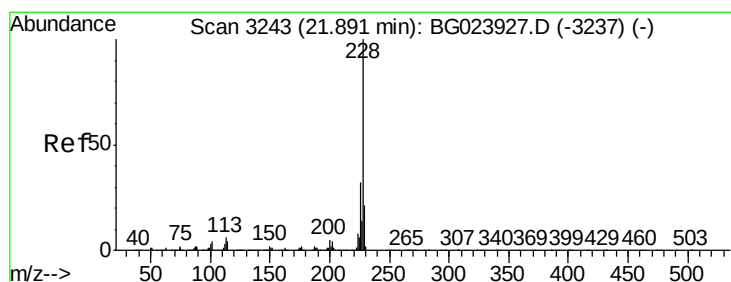
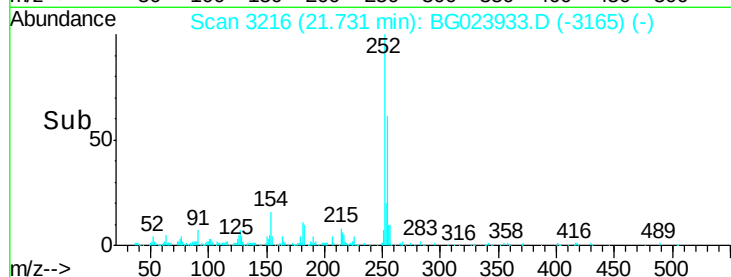
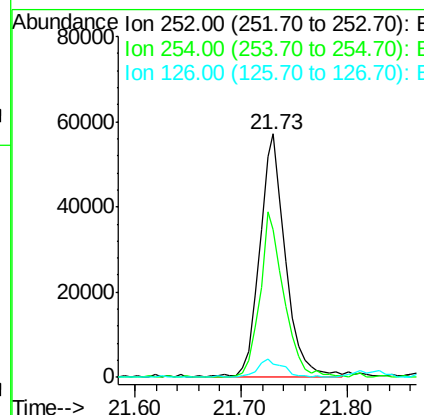
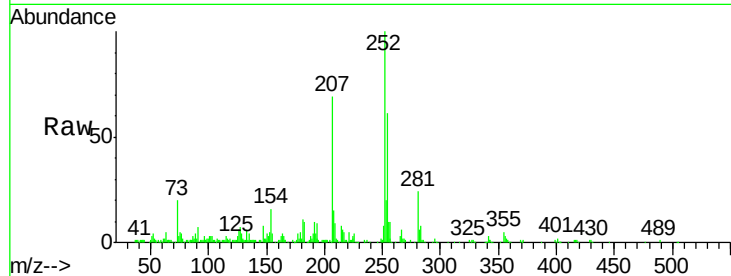
#81
 3,3'-Dichlorobenzidine
 Concen: 12.04 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95856		
254	60.7	51.2	76.8	
126	5.6	5.3	7.9	

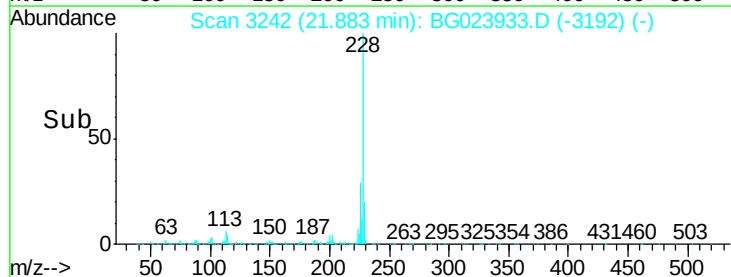
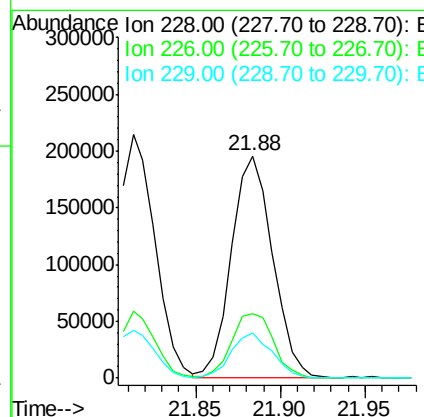
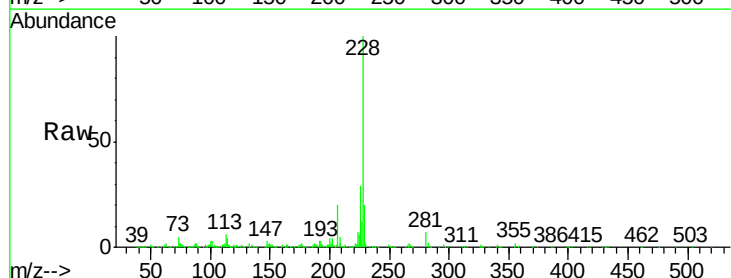
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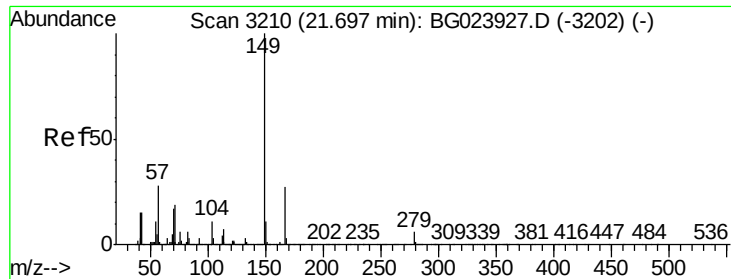
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#82
 Chrysene
 Concen: 17.49 ng
 RT: 21.88 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	331406		
226	29.2	26.7	40.1	
229	20.2	17.4	26.2	





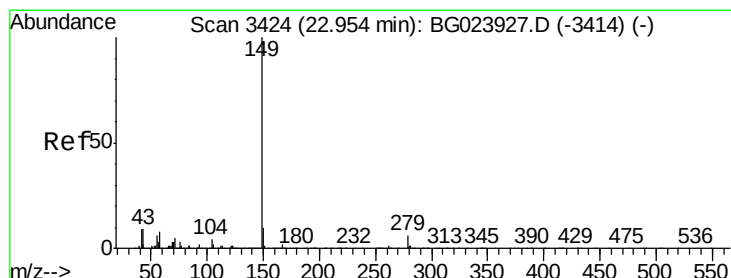
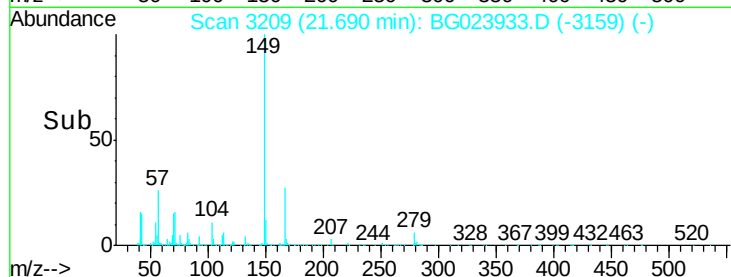
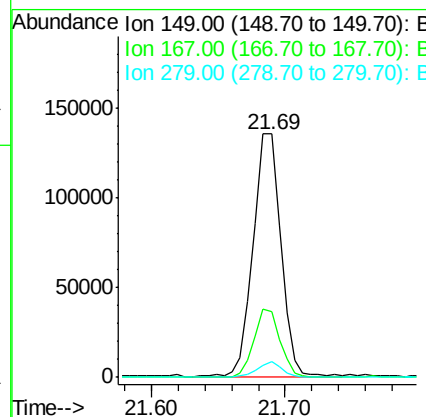
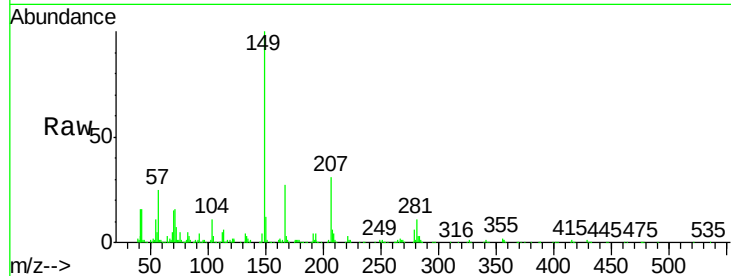
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.65 ng
 RT: 21.69 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	192201		
167	26.9	24.0	36.0	
279	6.4	4.8	7.2	

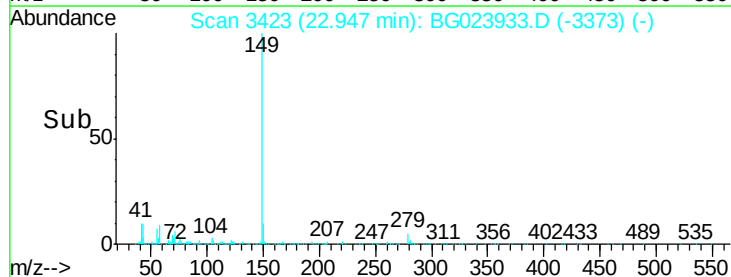
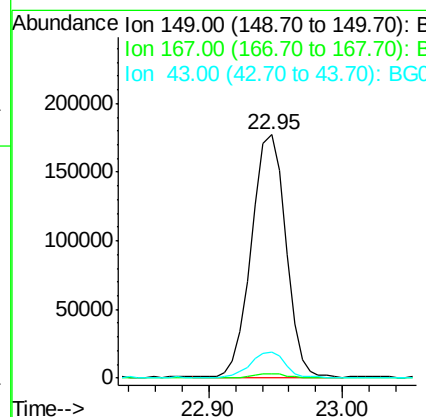
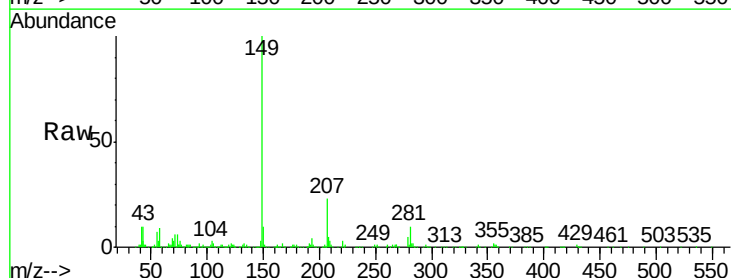
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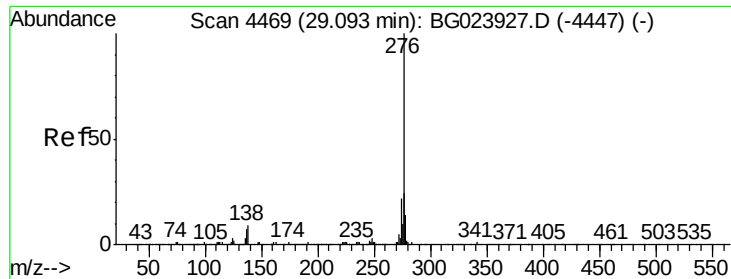
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#84
 Di-n-octyl phthalate
 Concen: 16.62 ng
 RT: 22.95 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	314700		
167	2.0	1.5	2.3	
43	11.0	8.8	13.2	





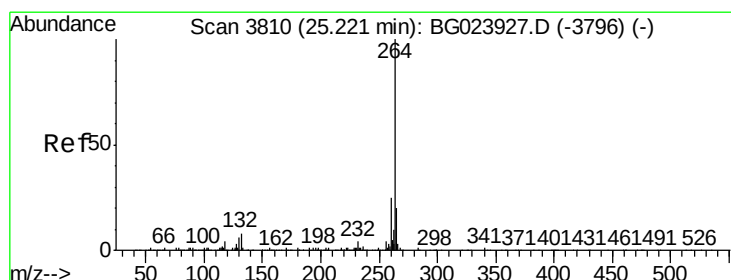
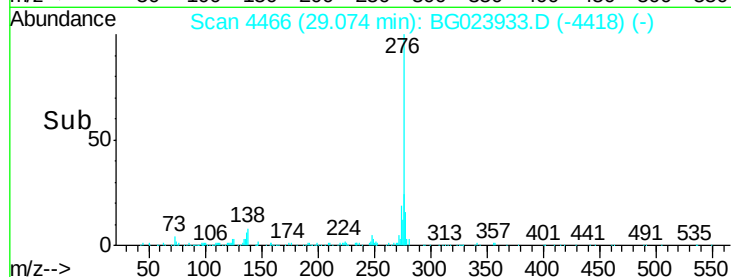
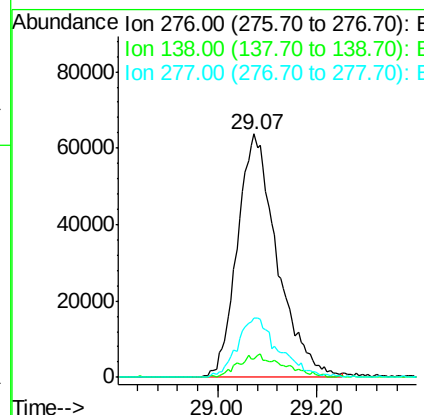
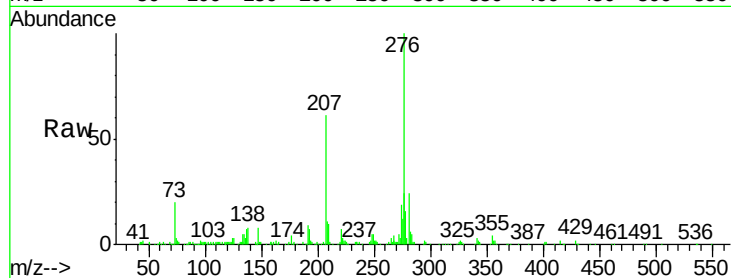
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.89 ng
 RT: 29.07 min Scan# 4466
 Delta R.T. -0.02 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.4	0.0	0.0#
277	25.3	0.0	0.0#

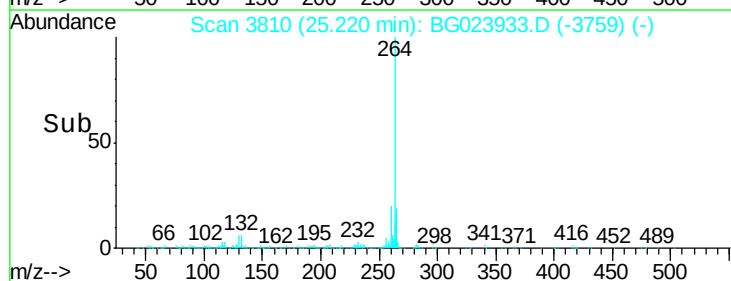
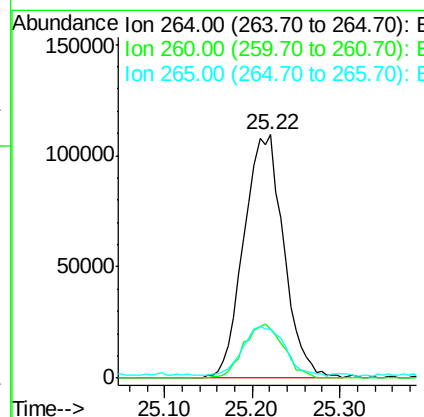
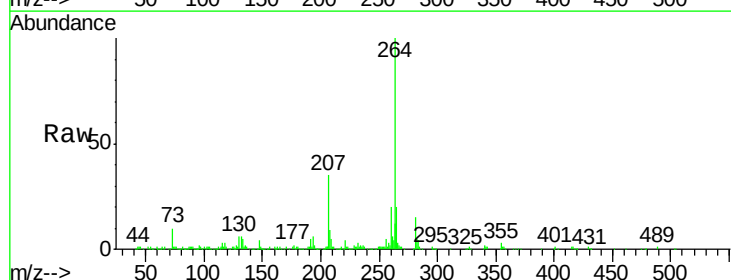
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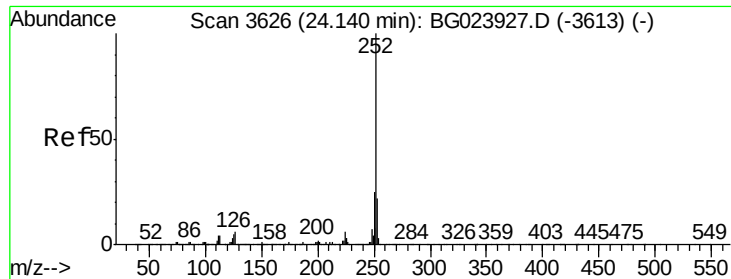
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3810
 Delta R.T. -0.00 min
 Lab File: BG023933.D
 Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	20.2	18.4	27.6
265	20.1	18.9	28.3





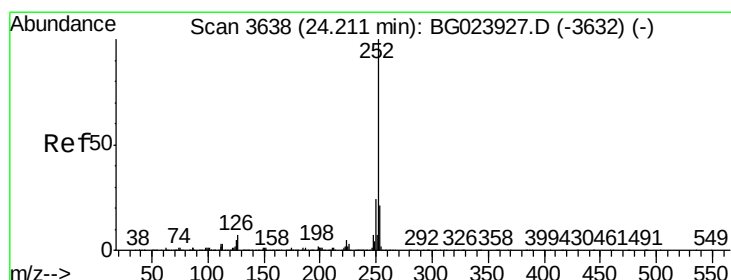
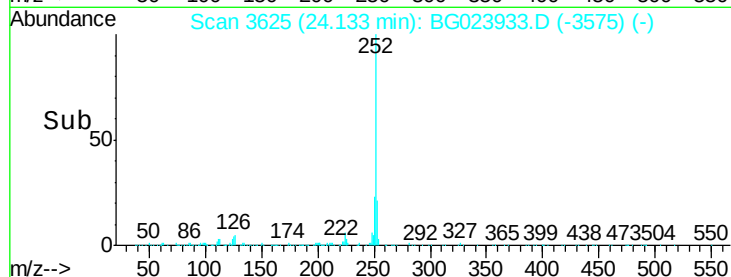
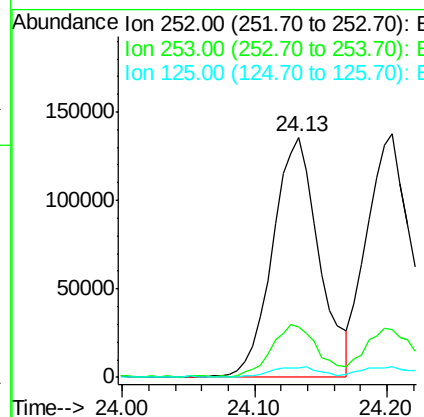
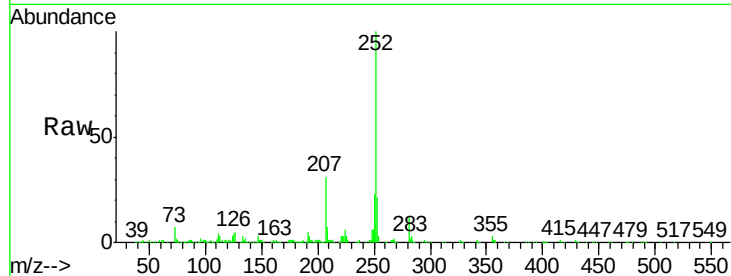
#87
Benzo(b)fluoranthene
Concen: 17.23 ng m
RT: 24.13 min Scan# 3625
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2016-02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.0	18.9	28.3
125	3.9	3.9	5.9#

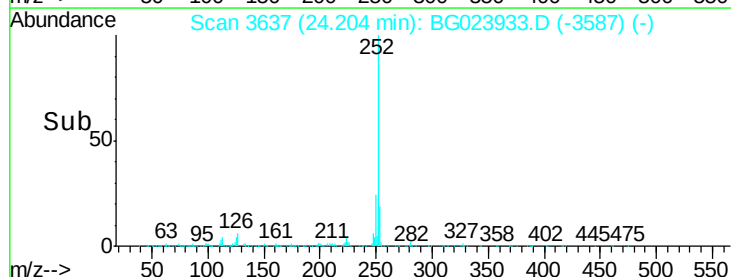
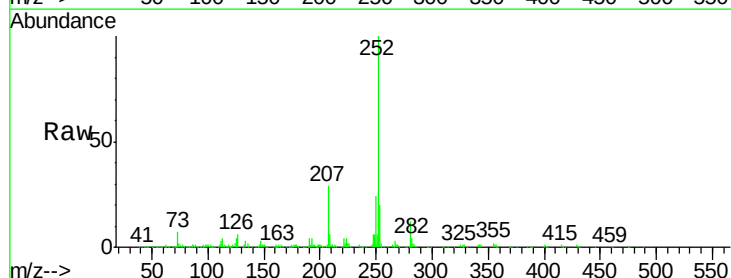
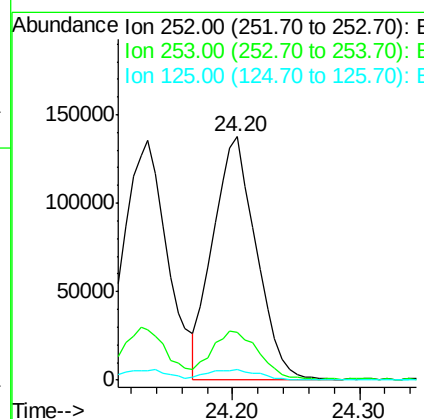
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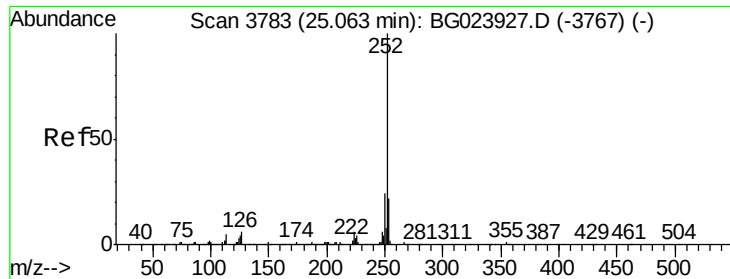
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#88
Benzo(k)fluoranthene
Concen: 16.91 ng
RT: 24.20 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG023933.D
Acq: 31 Aug 2016 20:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	19.7	18.8	28.2
125	4.4	3.2	4.8





#89

Benzo(a)pyrene

Concen: 16.91 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

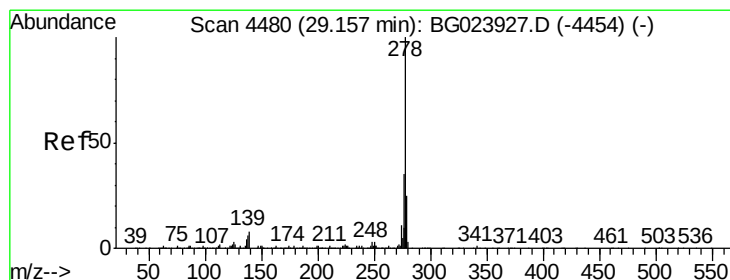
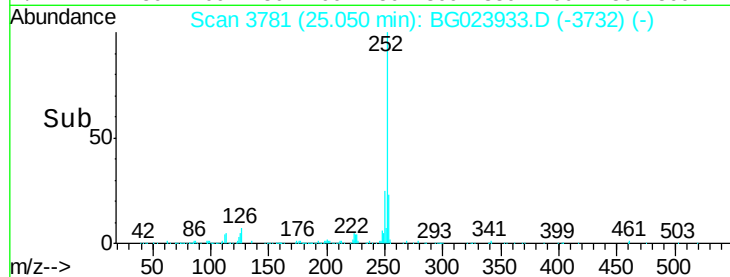
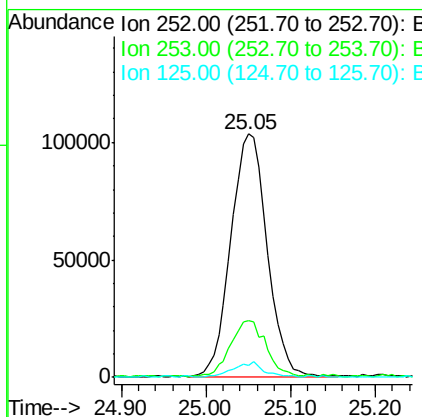
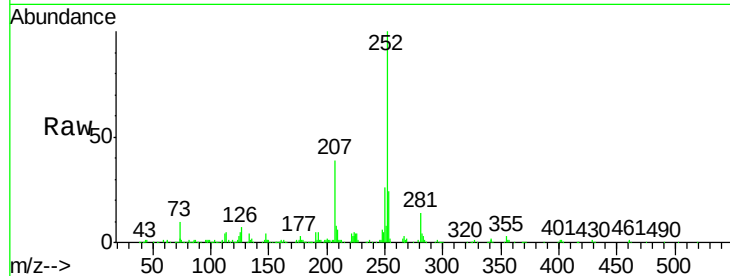
ClientSampleId :

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Tgt Ion:	252	Resp:	309434
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.7	28.1
125	4.9	3.9	5.9

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#90

Dibenzo(a,h)anthracene

Concen: 16.70 ng

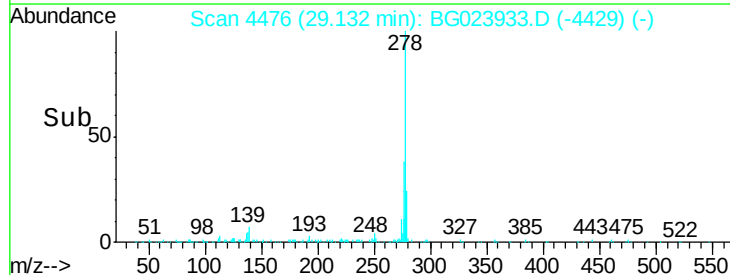
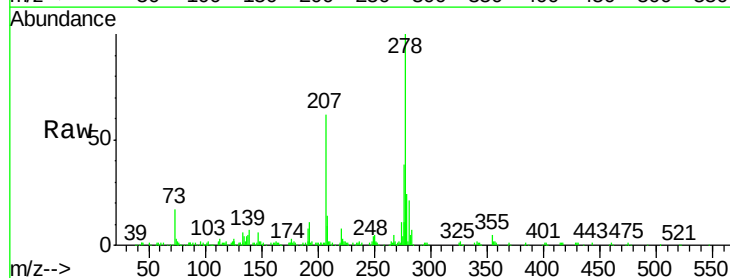
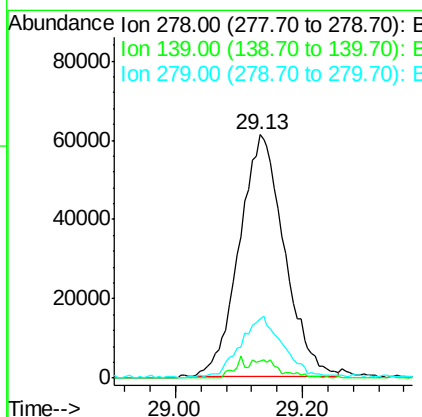
RT: 29.13 min Scan# 4476

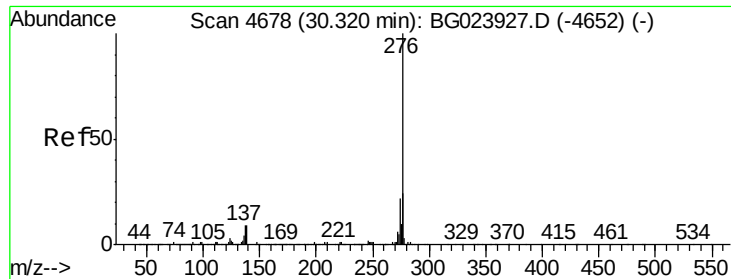
Delta R.T. -0.02 min

Lab File: BG023933.D

Acq: 31 Aug 2016 20:35

Tgt Ion:	278	Resp:	300485
Ion Ratio		Lower	Upper
278	100		
139	6.9	4.7	7.1
279	24.1	18.3	27.5





#91

Benzo(g,h,i)perylene

Concen: 16.68 ng

RT: 30.29 min Scan# 4673

Delta R.T. -0.03 min

Lab File: BG023933.D

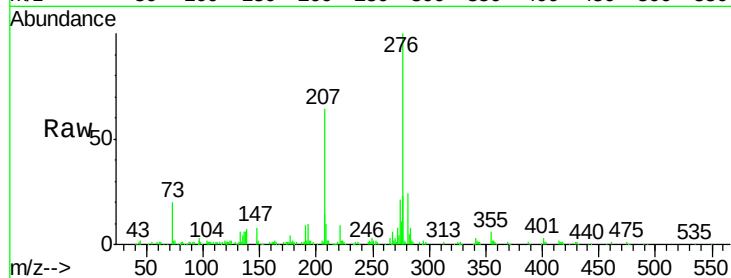
Acq: 31 Aug 2016 20:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2016-02



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	288614		
277	23.1	18.6	27.8	
138	7.1	6.8	10.2	

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