

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023379.D
 Acq On : 31 Jul 2016 22:20
 Operator : UM/SJ
 Sample : H4223-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Manual Integrations
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Quant Time: Aug 01 03:06:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	147242	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	751491	20.00	ng	-0.03
38) Acenaphthene-d10	14.79	164	561127	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1374780	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1133038	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1127117	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1134947	131.59	ng	0.00
7) Phenol-d6	7.28	99	1745446	131.81	ng	0.00
23) Nitrobenzene-d5	9.30	82	1135518	73.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	894983	154.10	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2317111	77.29	ng	-0.02
78) Terphenyl-d14	20.15	244	2898644	83.16	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	100607	27.20	ng	# 92
3) Pyridine	3.93	79	348318	26.90	ng	93
4) n-Nitrosodimethylamine	3.84	42	160412	27.42	ng	# 72
6) Aniline	7.44	93	762508	43.11	ng	94
8) 2-Chlorophenol	7.69	128	449428	46.70	ng	99
9) Benzaldehyde	7.25	77	305157	32.08	ng	94
10) Phenol	7.31	94	705363	50.48	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	450648	37.95	ng	92
12) 1,3-Dichlorobenzene	8.01	146	402322	37.10	ng	95
13) 1,4-Dichlorobenzene	8.16	146	415941	37.60	ng	93
14) 1,2-Dichlorobenzene	8.48	146	411054	38.52	ng	92
15) Benzyl Alcohol	8.36	79	507218	56.92	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	651354	34.47	ng	89
17) 2-Methylphenol	8.57	107	466104	48.81	ng	# 83
18) Hexachloroethane	9.21	117	160351	34.79	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	471402	39.58	ng	98
20) 3+4-Methylphenols	8.90	107	660002	50.83	ng	87
22) Acetophenone	8.95	105	679644	34.64	ng	# 88
24) Nitrobenzene	9.34	77	642385	36.00	ng	# 86
25) Isophorone	9.87	82	1288194	40.59	ng	# 93
26) 2-Nitrophenol	10.06	139	289227	42.91	ng	# 75
27) 2,4-Dimethylphenol	10.11	122	521588	45.91	ng	84
28) bis(2-Chloroethoxy)methane	10.35	93	744603	41.81	ng	99
29) 2,4-Dichlorophenol	10.60	162	532744	48.44	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	478061	39.33	ng	98
31) Naphthalene	11.01	128	1432447	41.02	ng	98
32) Benzoic acid	10.11	122	521588	54.97	ng	# 7
33) 4-Chloroaniline	11.12	127	577715	35.81	ng	93
34) Hexachlorobutadiene	11.29	225	283783	35.62	ng	93
35) Caprolactam	11.90	113	224054m	47.90	ng	
36) 4-Chloro-3-methylphenol	12.24	107	666882	46.15	ng	# 88
37) 2-Methylnaphthalene	12.61	142	1143067	44.15	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	535386	29.47	ng	98
40) Hexachlorocyclopentadiene	12.95	237	669210	77.74	ng	97

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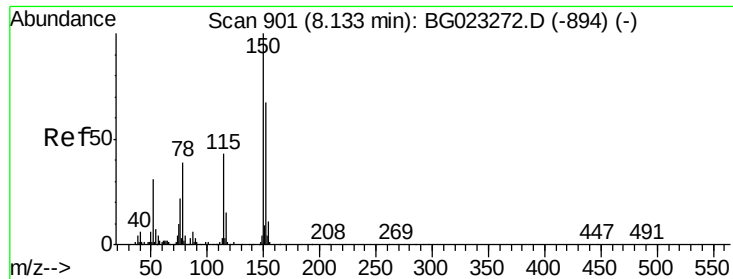
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	473895	44.41	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	497330	43.94	ng	91
45) 1,1'-Biphenyl	13.61	154	1378912	35.23	ng	92
46) 2-Chloronaphthalene	13.66	162	1213005	38.68	ng	95
47) 2-Nitroaniline	13.87	65	548162	41.32	ng	88
48) Acenaphthylene	14.51	152	1954144	40.70	ng	97
49) Dimethylphthalate	14.24	163	2257531	54.52	ng	# 94
50) 2,6-Dinitrotoluene	14.36	165	413861	42.68	ng	# 77
51) Acenaphthene	14.85	154	1260171	40.46	ng	99
52) 3-Nitroaniline	14.69	138	424740	43.49	ng	# 78
53) 2,4-Dinitrophenol	14.90	184	186289	32.81	ng	# 86
54) Dibenzofuran	15.19	168	1954538	44.35	ng	95
55) 4-Nitrophenol	15.01	139	716956	84.63	ng	# 74
56) 2,4-Dinitrotoluene	15.15	165	604870	44.30	ng	# 89
57) Fluorene	15.84	166	1647393	42.34	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	499607	52.14	ng	95
59) Diethylphthalate	15.59	149	1757039	41.43	ng	96
60) 4-Chlorophenyl-phenylether	15.82	204	849170	40.31	ng	98
61) 4-Nitroaniline	15.87	138	477526	46.63	ng	# 61
62) Azobenzene	16.12	77	1890478	42.99	ng	90
64) 4,6-Dinitro-2-methylphenol	15.92	198	371513	42.07	ng	94
65) n-Nitrosodiphenylamine	16.04	169	1549196	42.21	ng	93
66) 4-Bromophenyl-phenylether	16.72	248	608083	43.74	ng	97
67) Hexachlorobenzene	16.84	284	640453	45.82	ng	96
68) Atrazine	16.99	200	638427	45.35	ng	95
69) Pentachlorophenol	17.20	266	749225	86.86	ng	98
70) Phenanthrene	17.59	178	2579027m	42.89	ng	
71) Anthracene	17.68	178	2623107	43.17	ng	93
72) Carbazole	17.95	167	2471277	44.41	ng	95
73) Di-n-butylphthalate	18.49	149	2675363	43.09	ng	# 95
74) Fluoranthene	19.60	202	2791714	40.68	ng	90
76) Benzidine	19.78	184	1882429	59.07	ng	97
77) Pyrene	19.96	202	2759828	42.92	ng	93
79) Butylbenzylphthalate	20.84	149	1144284	40.45	ng	96
80) Benzo(a)anthracene	21.84	228	2394244	40.36	ng	98
81) 3,3'-Dichlorobenzidine	21.75	252	845885	35.17	ng	# 98
82) Chrysene	21.91	228	2265742	39.53	ng	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1522393	38.46	ng	98
84) Di-n-octyl phthalate	22.98	149	2534777	39.15	ng	99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2974499	44.49	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2537075	42.37	ng	# 97
88) Benzo(k)fluoranthene	24.23	252	2390242	39.93	ng	# 96
89) Benzo(a)pyrene	25.08	252	2441007	41.60	ng	# 97
90) Dibenzo(a,h)anthracene	29.18	278	2450783	44.16	ng	# 91
91) Benzo(g,h,i)perylene	30.33	276	2450584	41.94	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

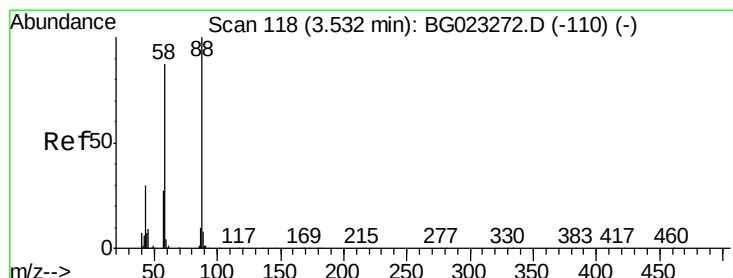
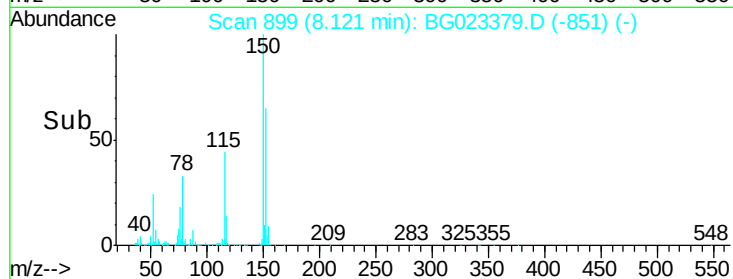
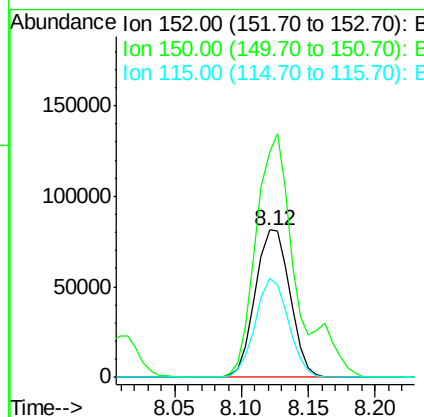
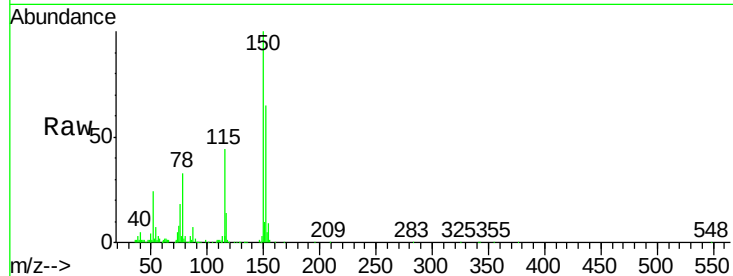
ClientSampleId :

SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	144.7	217.1
115	67.6	64.0	96.0

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#2

1,4-Dioxane

Concen: 27.20 ng

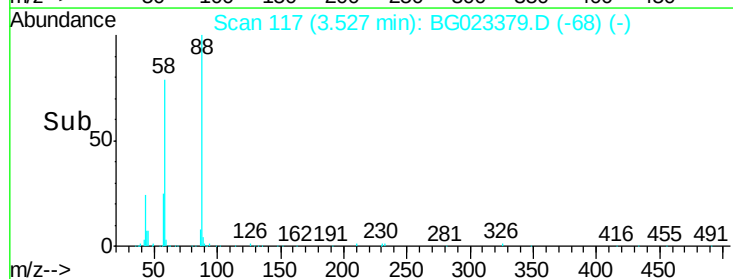
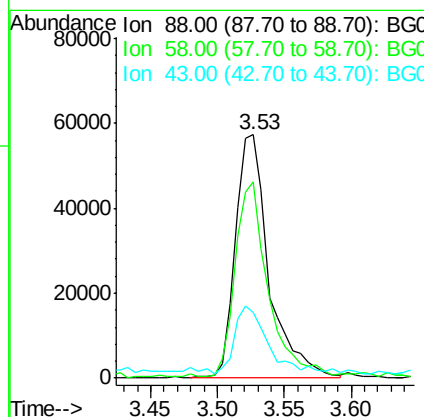
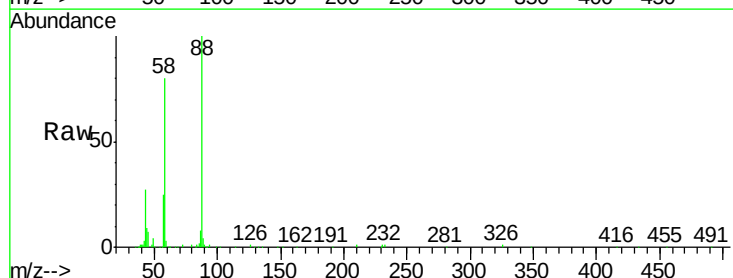
RT: 3.53 min Scan# 117

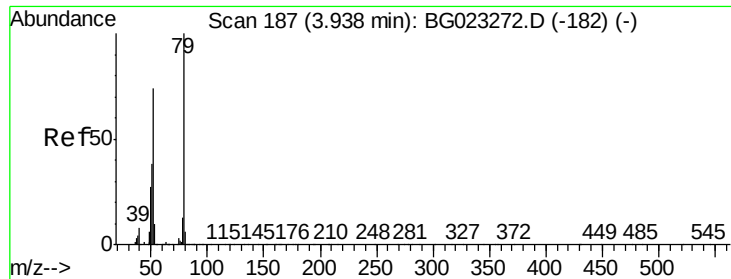
Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	60.4	90.6
43	27.9	31.1	46.7





#3

Pyridine

Concen: 26.90 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

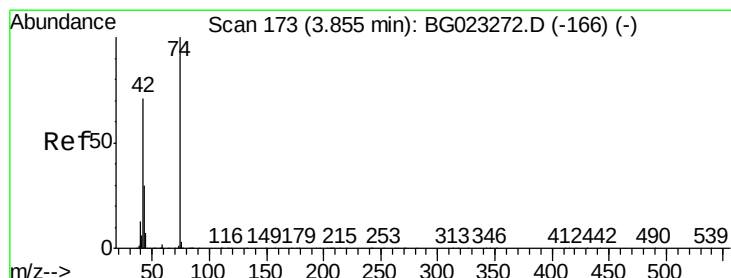
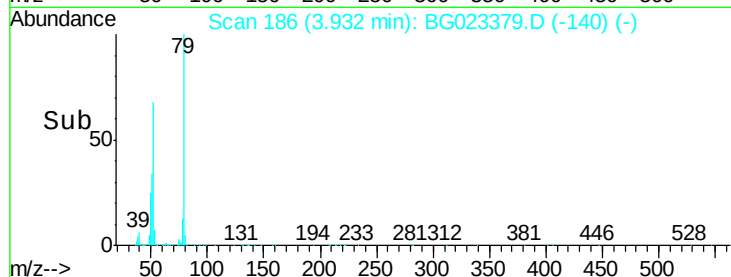
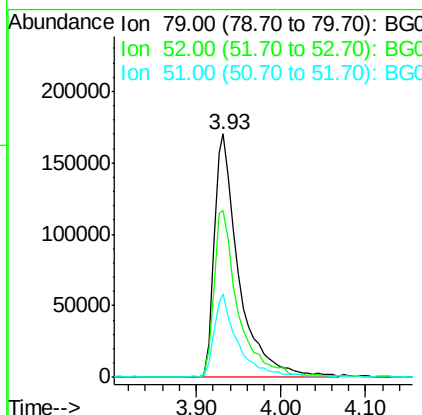
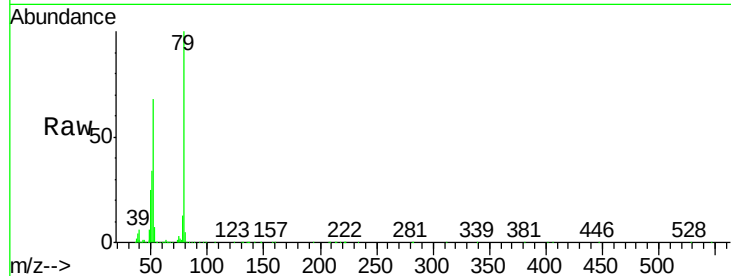
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	79	Resp:	348318
Ion	Ratio	Lower	Upper
79	100		
52	68.5	51.8	77.8
51	34.3	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 27.42 ng

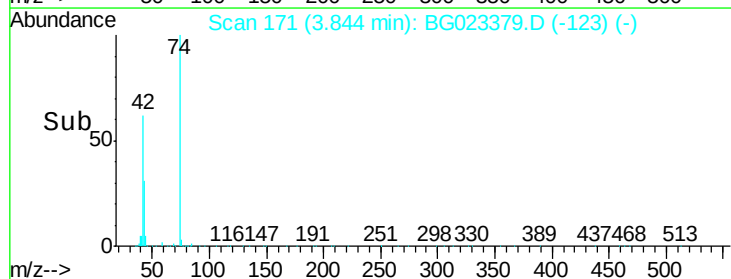
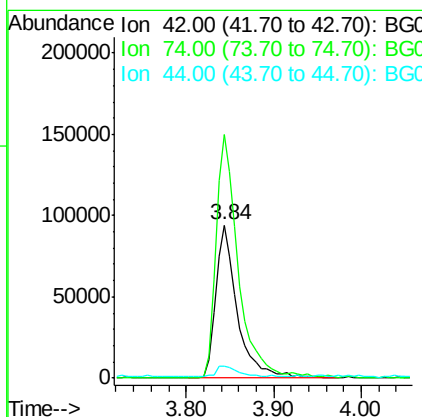
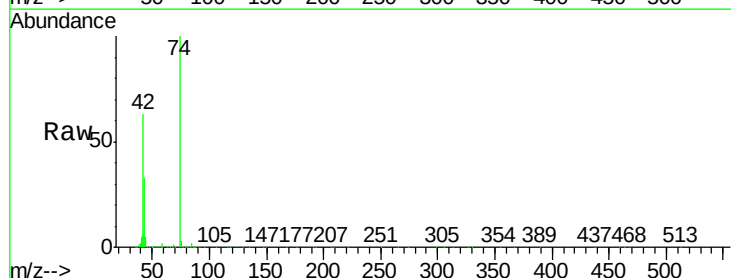
RT: 3.84 min Scan# 171

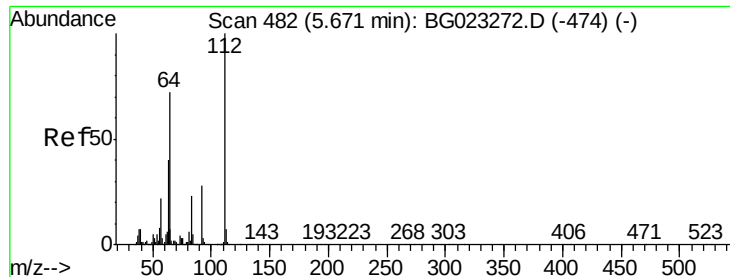
Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	42	Resp:	160412
Ion	Ratio	Lower	Upper
42	100		
74	158.9	100.6	150.8#
44	8.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 131.59 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

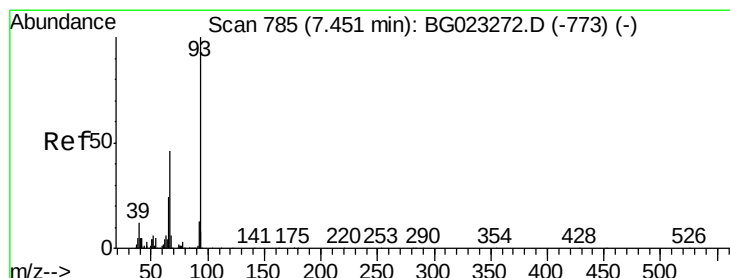
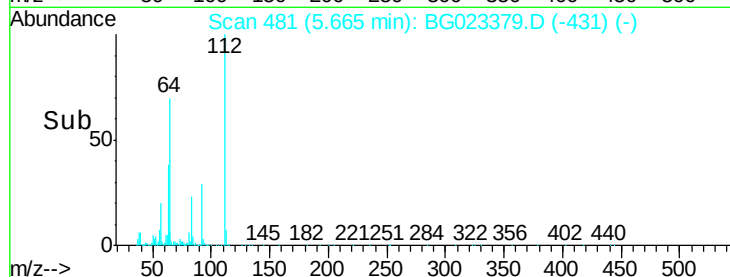
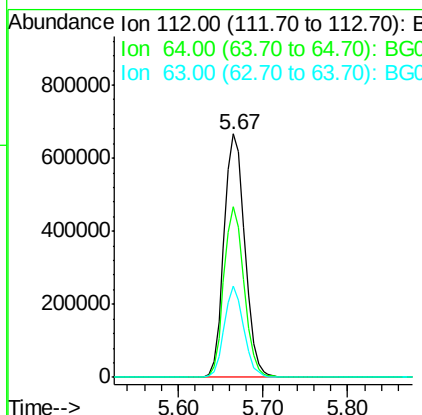
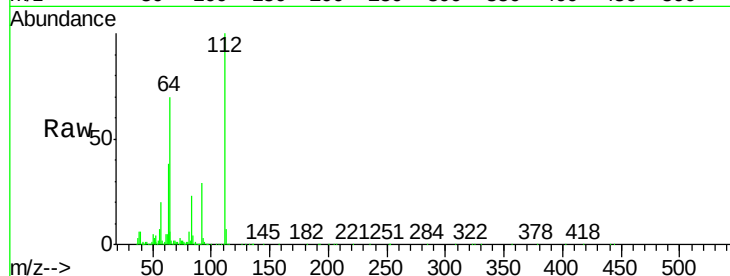
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	112	Resp:	1134947
Ion Ratio	Lower	Upper	
112	100		
64	70.1	59.0	88.4
63	37.5	37.8	56.8#

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#6

Aniline

Concen: 43.11 ng

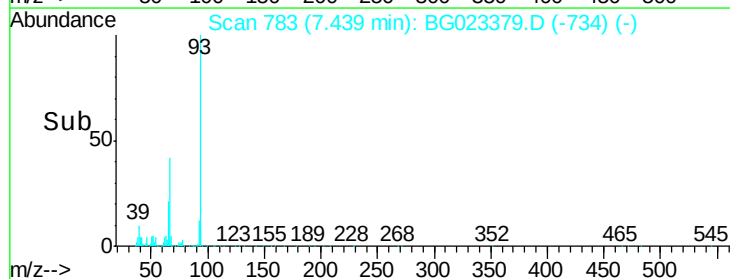
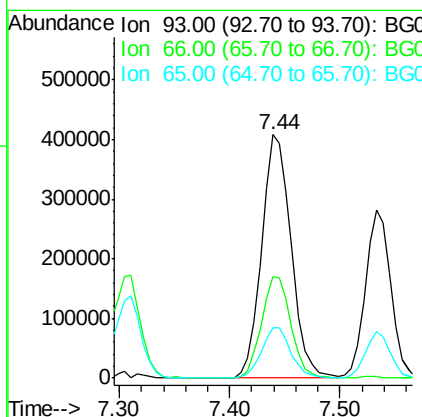
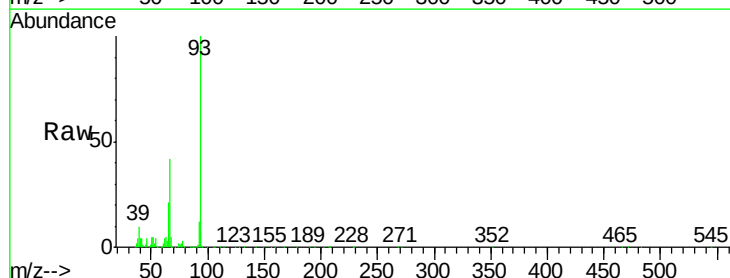
RT: 7.44 min Scan# 783

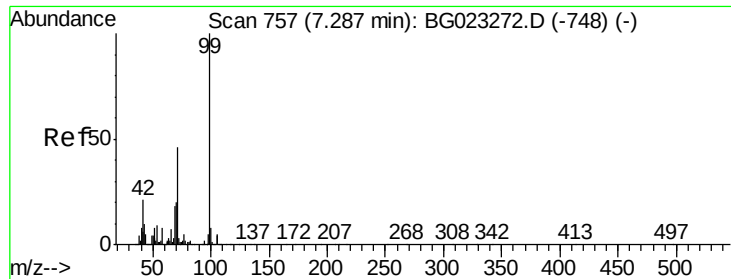
Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	93	Resp:	762508
Ion Ratio	Lower	Upper	
93	100		
66	41.7	37.5	56.3
65	20.9	17.9	26.9





#7

Phenol-d6

Concen: 131.81 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MSD

Tgt Ion: 99 Resp: 1745446

Ion Ratio Lower Upper

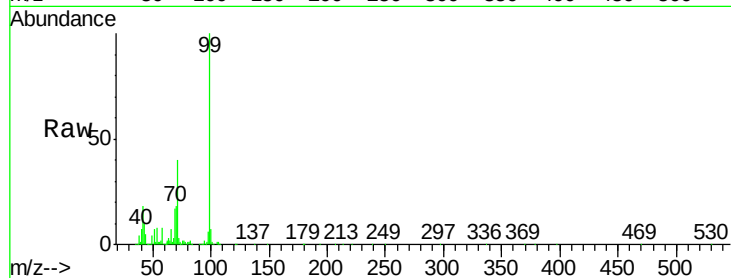
99 100

42 17.6 17.8 26.6#

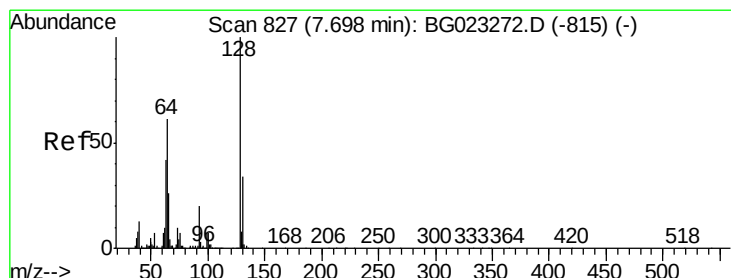
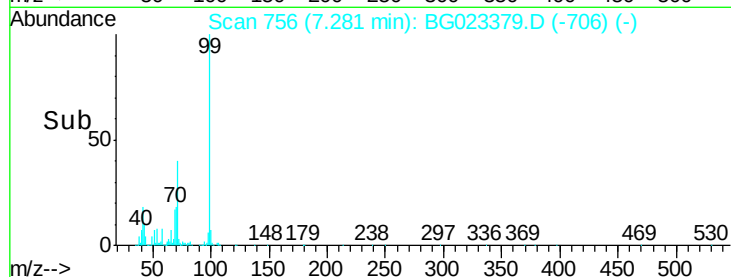
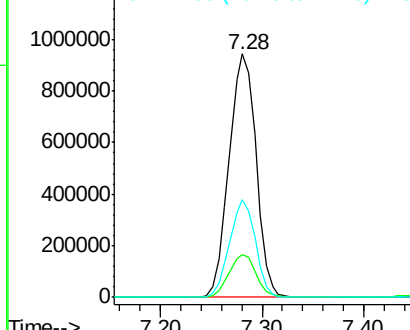
71 40.1 41.5 62.3#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.70 ng

RT: 7.69 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

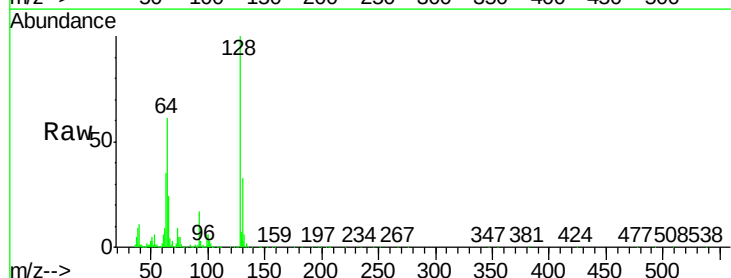
Tgt Ion: 128 Resp: 449428

Ion Ratio Lower Upper

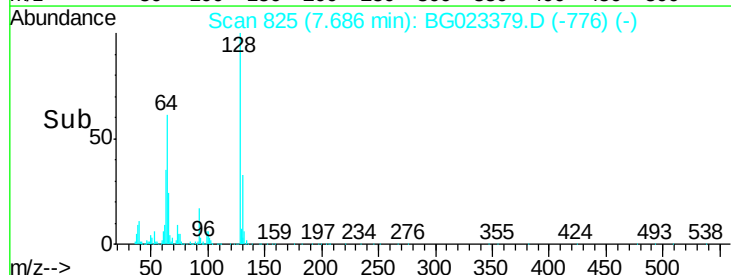
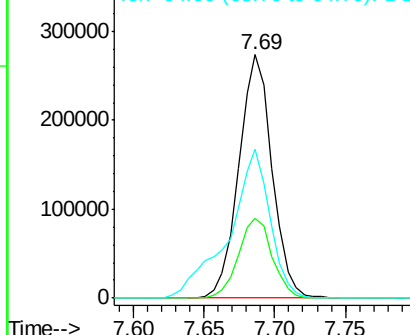
128 100

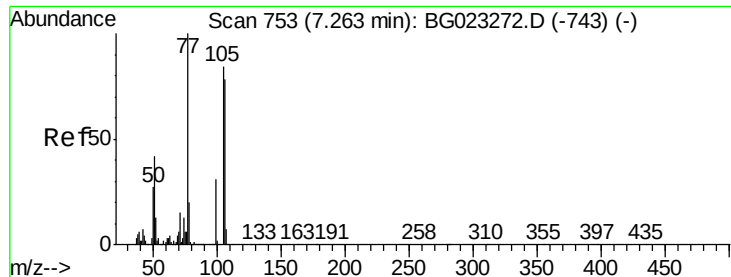
130 32.9 12.9 52.9

64 61.1 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.08 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

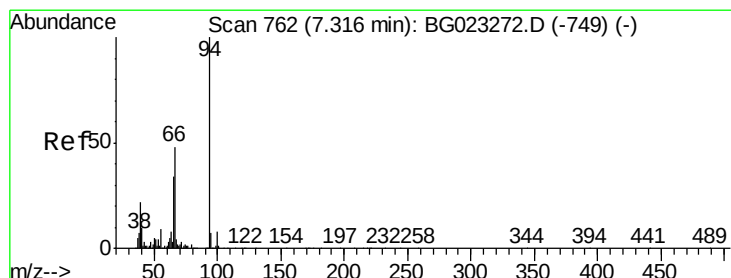
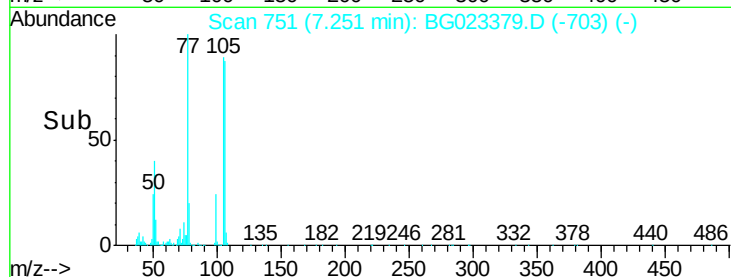
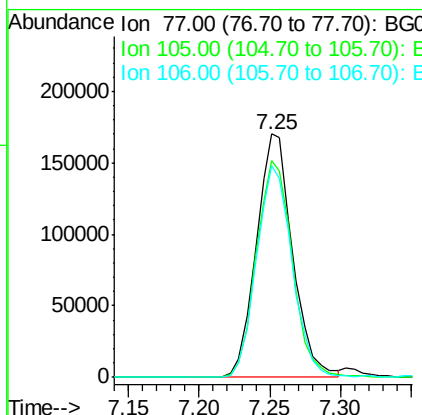
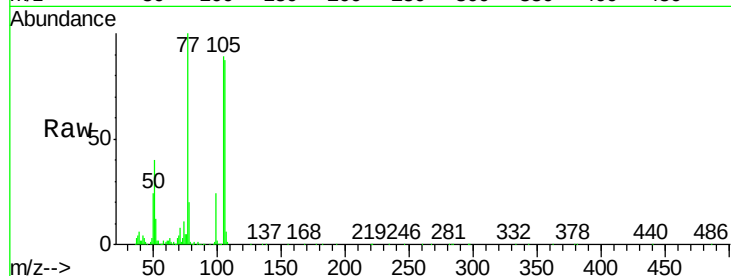
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	77	Resp:	305157
Ion Ratio	Lower	Upper	
77	100		
105	89.2	58.7	98.7
106	86.9	67.5	107.5

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#10

Phenol

Concen: 50.48 ng

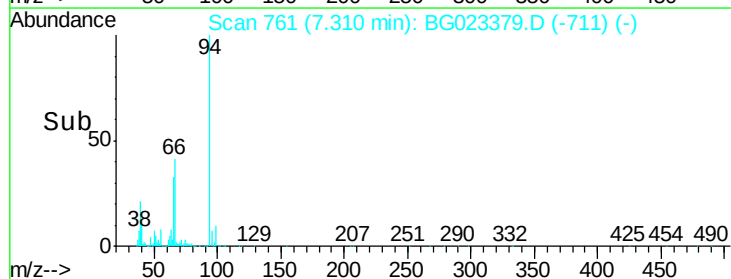
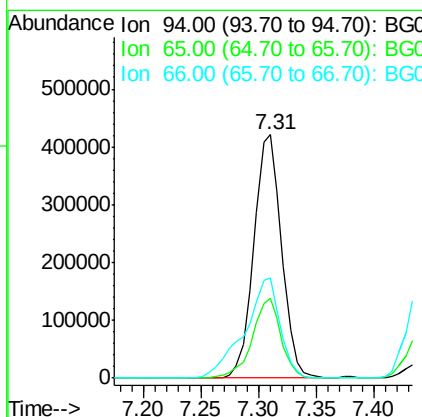
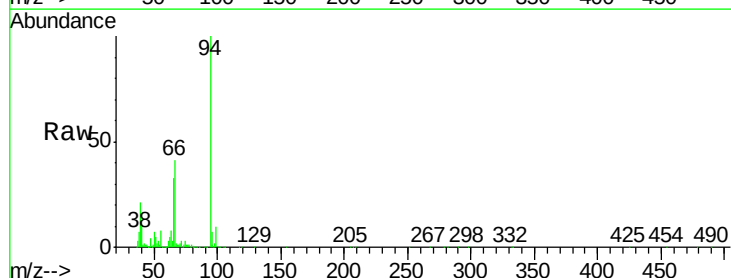
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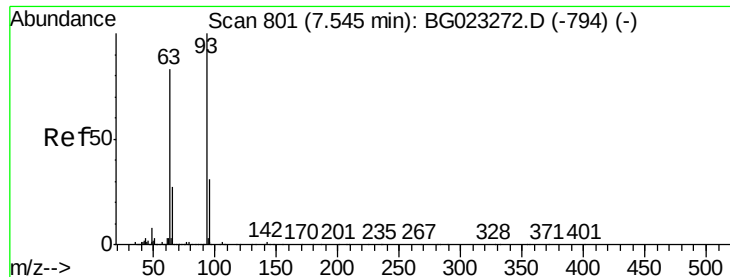
Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	94	Resp:	705363
Ion Ratio	Lower	Upper	
94	100		
65	33.0	18.1	58.1
66	41.0	42.1	82.1#





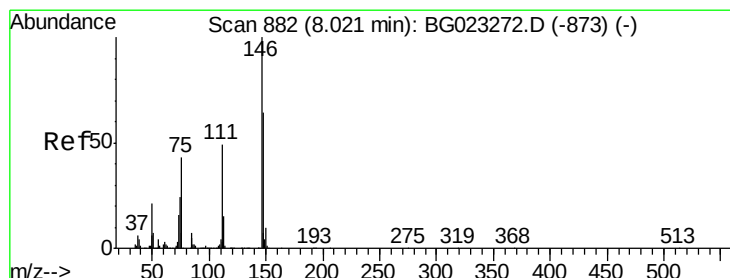
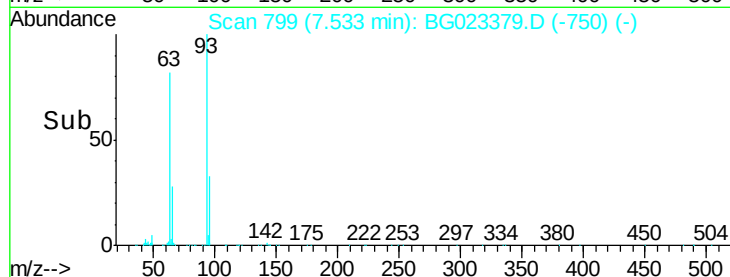
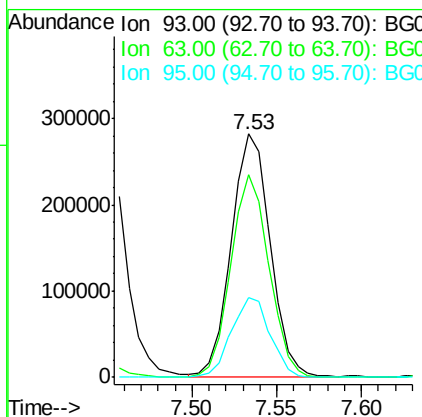
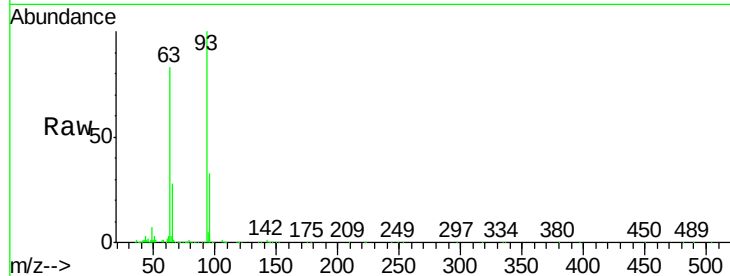
#11
 bis(2-Chloroethyl)ether
 Concen: 37.95 ng
 RT: 7.53 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.3	55.0	95.0
95	32.6	11.0	51.0

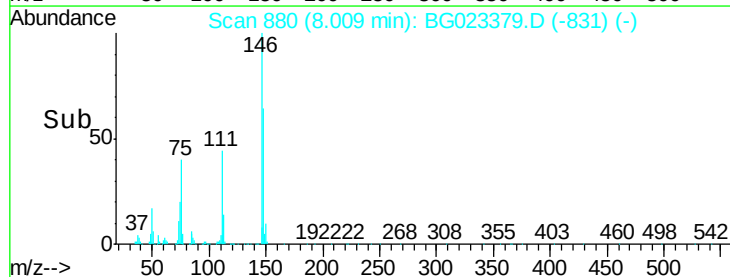
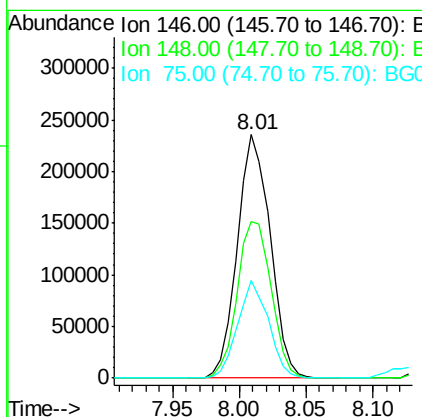
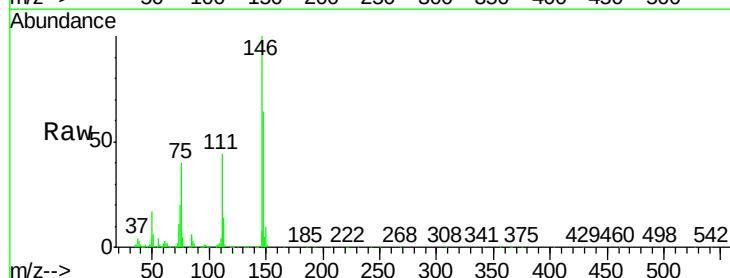
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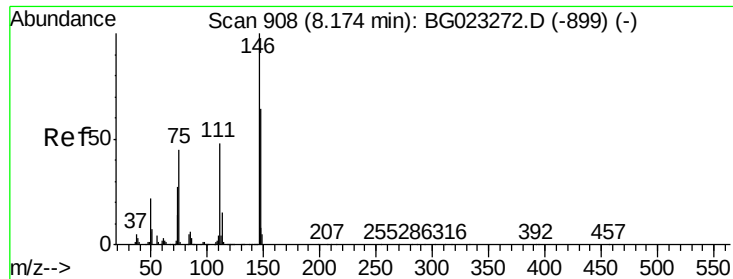
sohil
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#12
 1,3-Dichlorobenzene
 Concen: 37.10 ng
 RT: 8.01 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
75	39.9	37.0	55.6





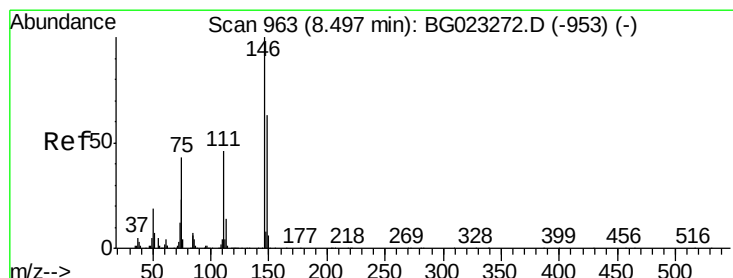
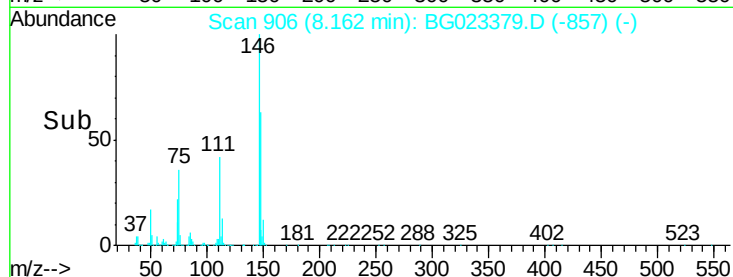
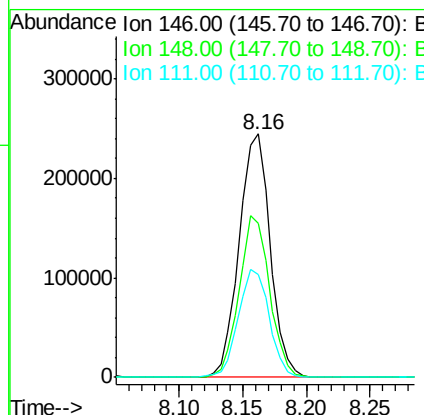
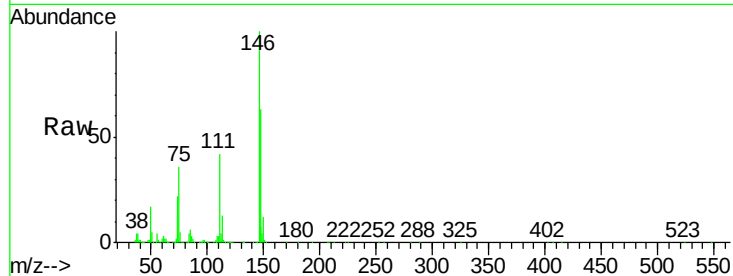
#13
 1,4-Dichlorobenzene
 Concen: 37.60 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.5	81.7
111	42.1	37.8	56.8

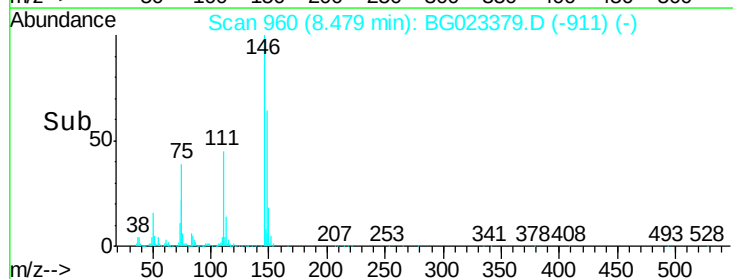
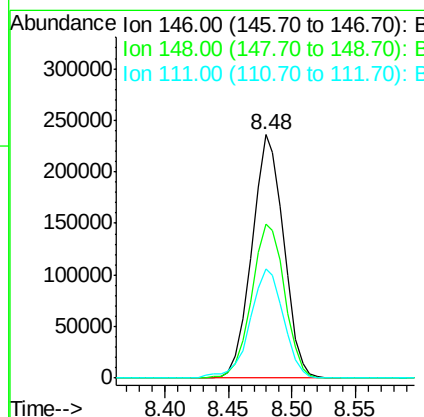
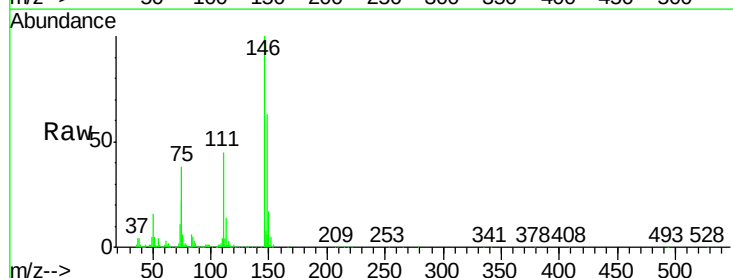
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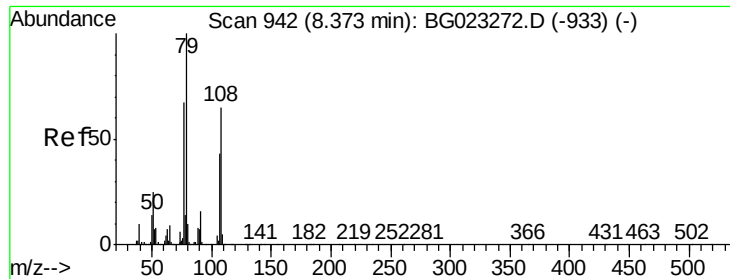
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#14
 1,2-Dichlorobenzene
 Concen: 38.52 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.9	79.3
111	45.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 56.92 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

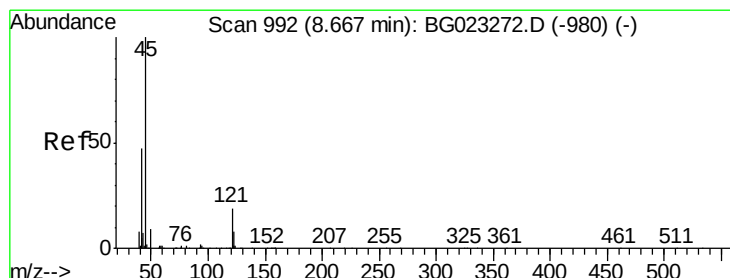
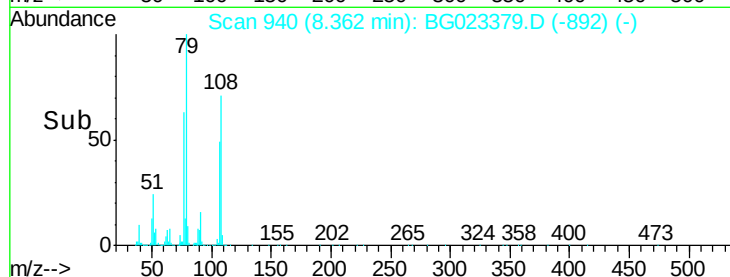
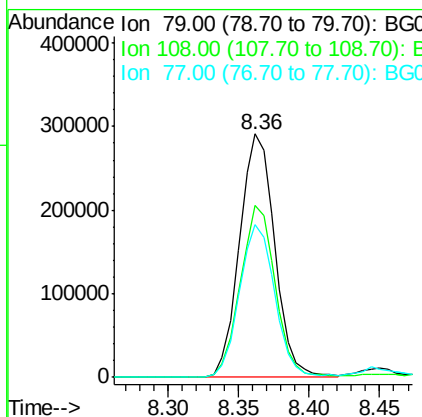
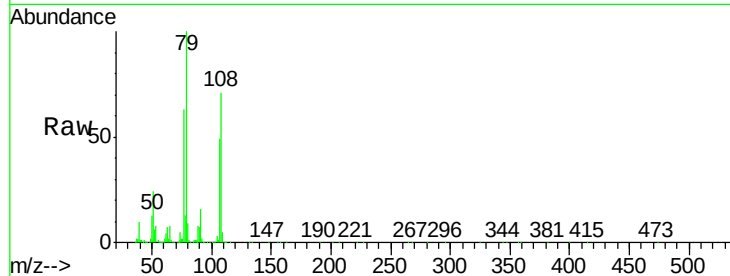
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	79	Resp:	507218
Ion Ratio	Lower	Upper	
79	100		
108	70.6	46.5	69.7#
77	62.6	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.47 ng

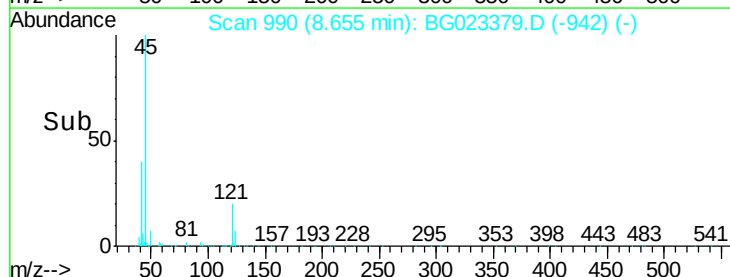
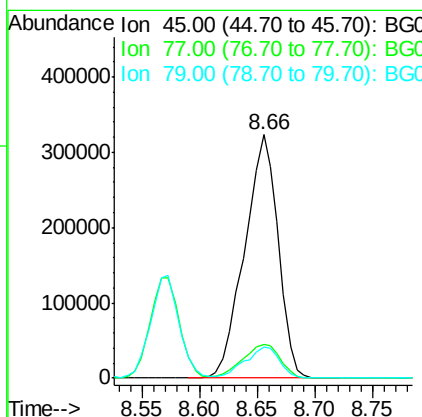
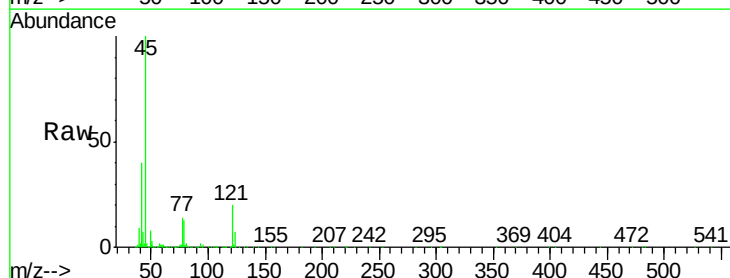
RT: 8.66 min Scan# 990

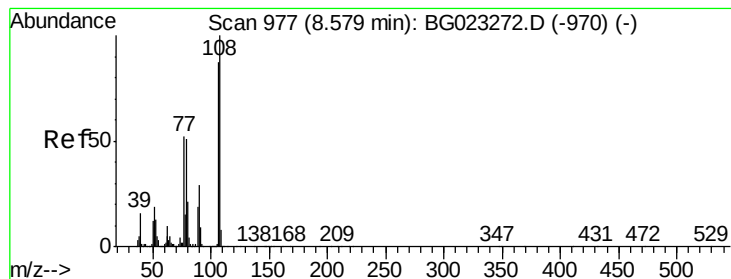
Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	45	Resp:	651354
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.6	40.6
79	12.8	0.0	36.2





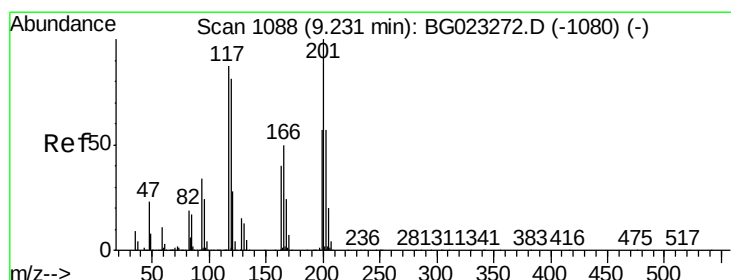
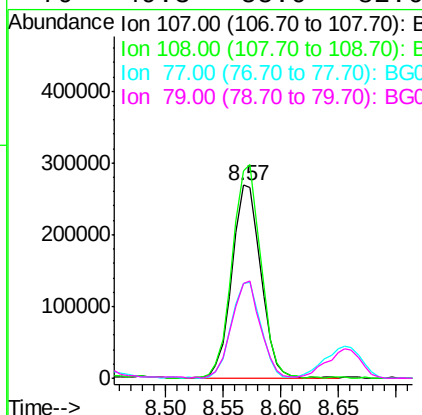
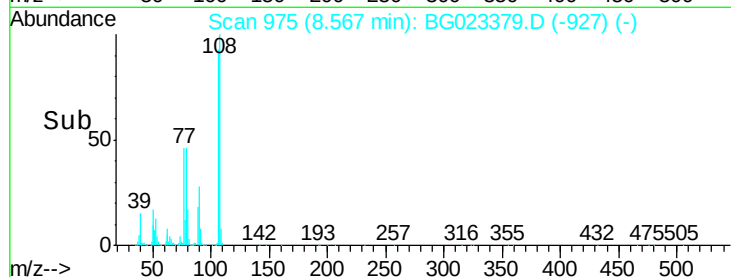
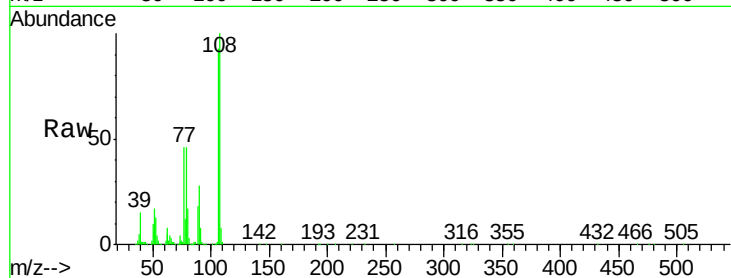
#17
2-Methylphenol
Concen: 48.81 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	466104		
108	107.2	92.0	138.0	
77	49.3	55.8	83.6	
79	49.3	55.0	82.6	

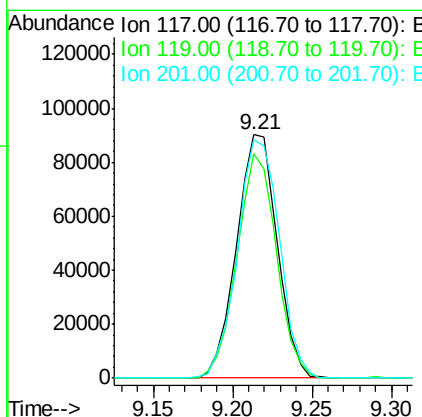
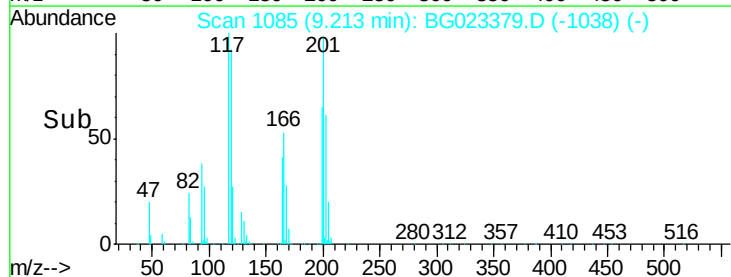
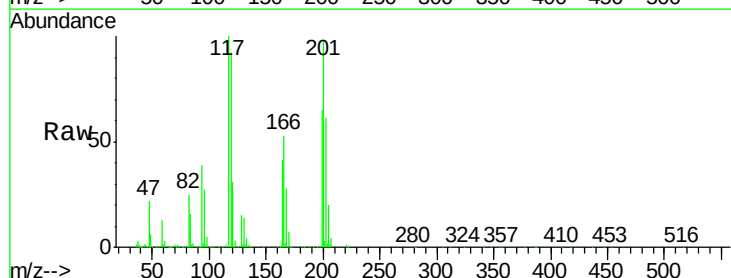
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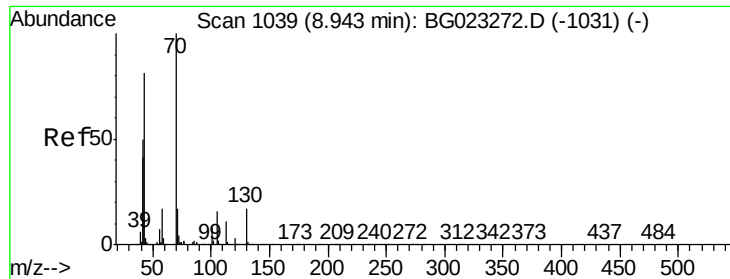
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#18
Hexachloroethane
Concen: 34.79 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	160351		
119	92.0	73.7	110.5	
201	98.0	88.7	133.1	





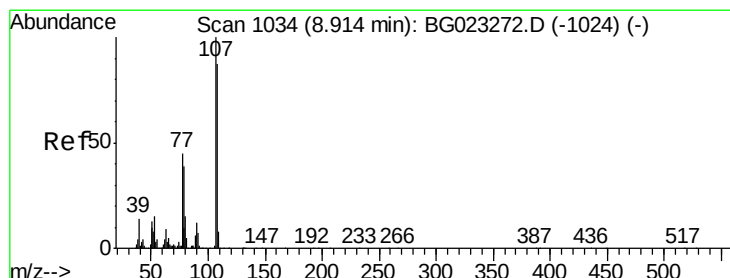
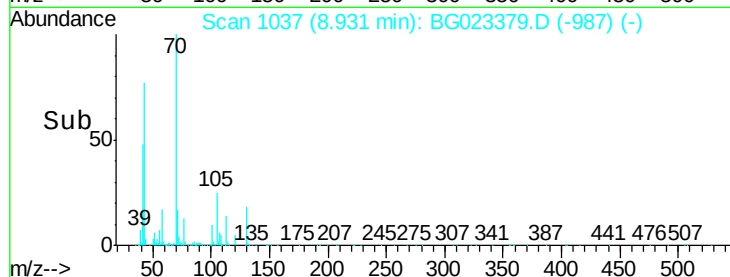
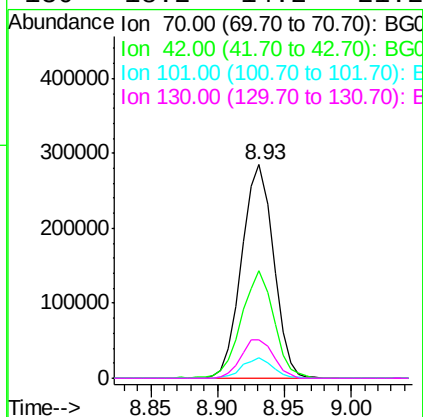
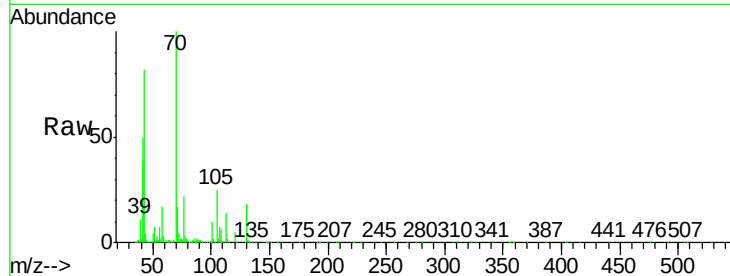
#19
n-Nitroso-di-n-propylamine
Concen: 39.58 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	9.7	7.2	10.8
130	18.2	14.2	21.2

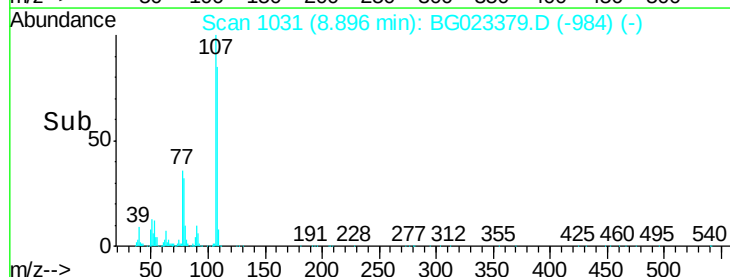
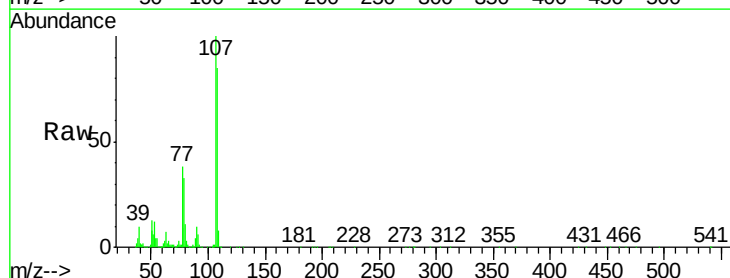
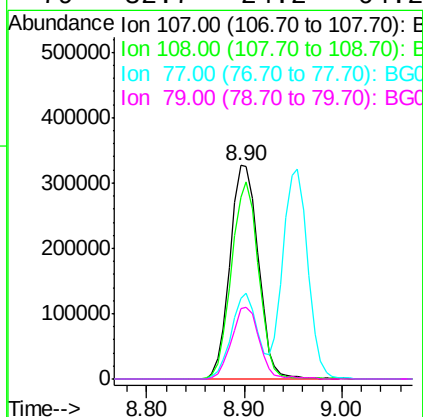
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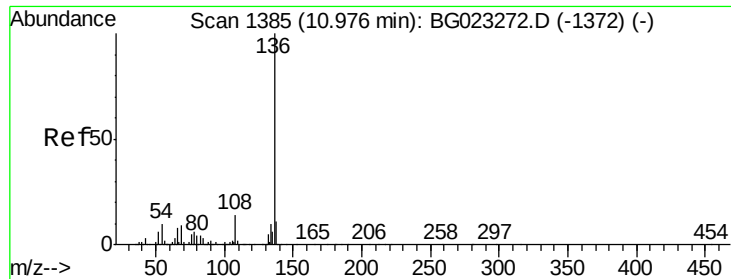
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#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	72.5	112.5
77	37.7	30.1	70.1
79	32.7	24.2	64.2





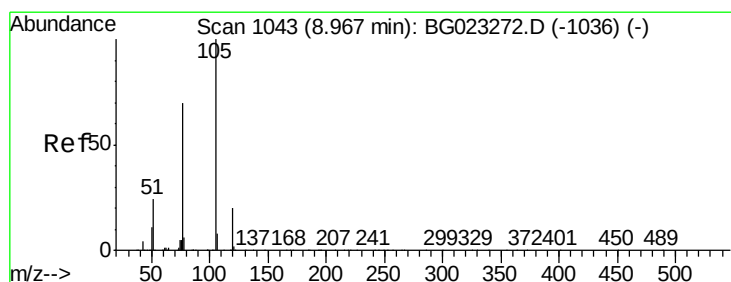
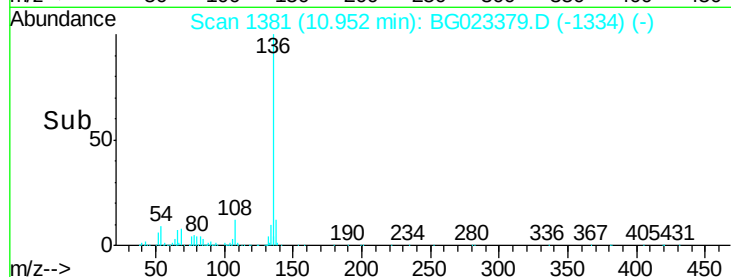
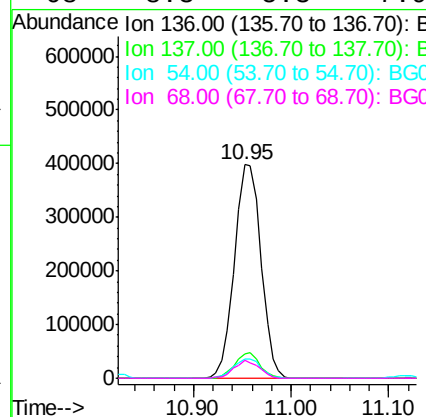
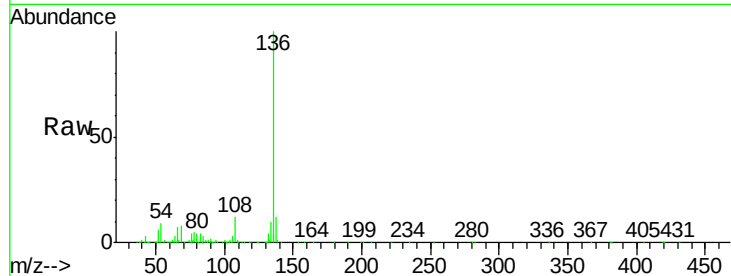
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	751491		
137	11.5	9.6	14.4	
54	9.2	7.3	10.9	
68	8.3	5.3	7.9#	

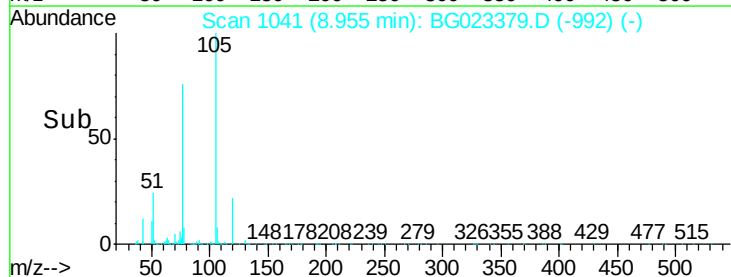
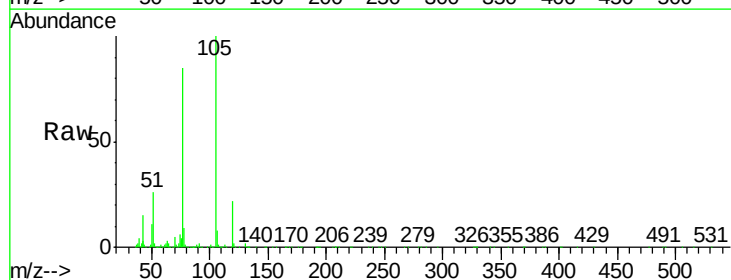
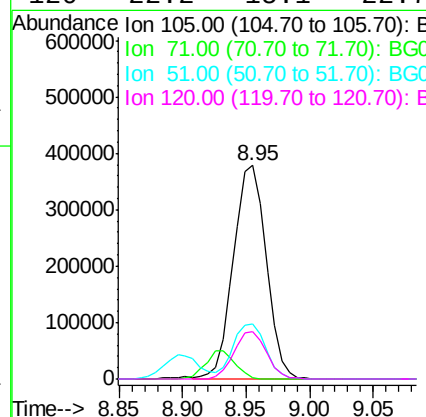
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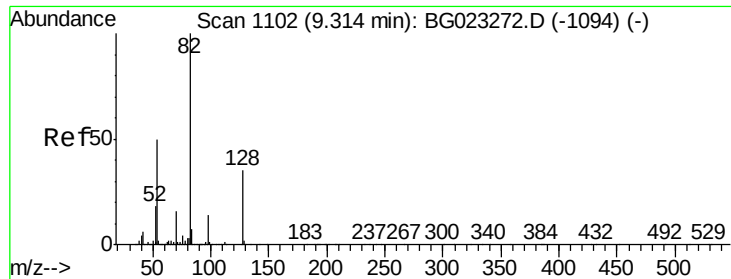
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#22
Acetophenone
Concen: 34.64 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679644		
71	0.7	2.6	3.8#	
51	25.7	27.1	40.7#	
120	22.2	15.1	22.7	





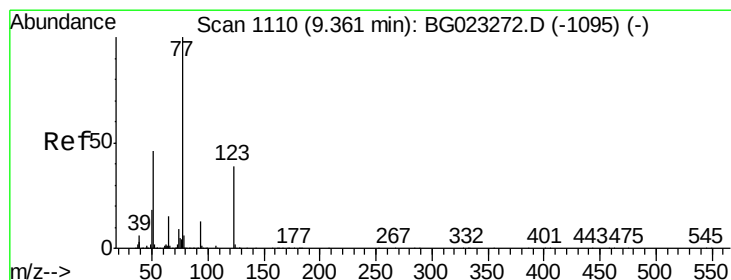
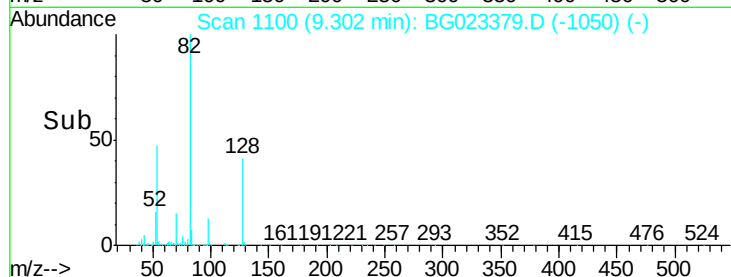
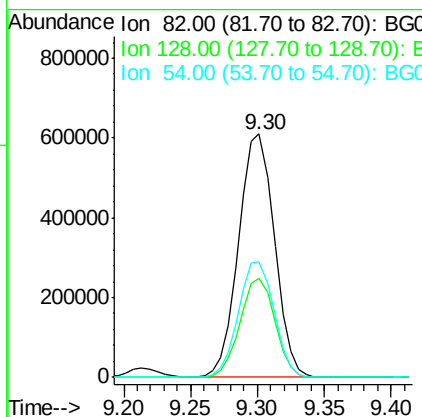
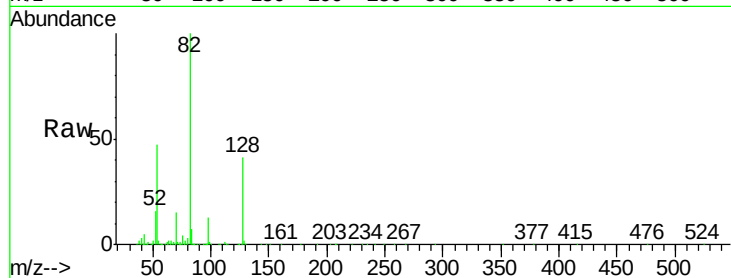
#23
 Nitrobenzene-d5
 Concen: 73.89 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.4	36.6#
54	47.4	41.4	62.0

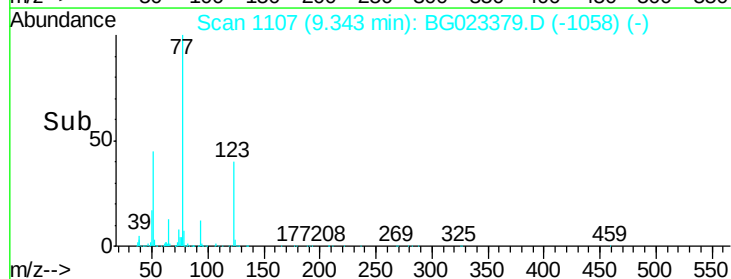
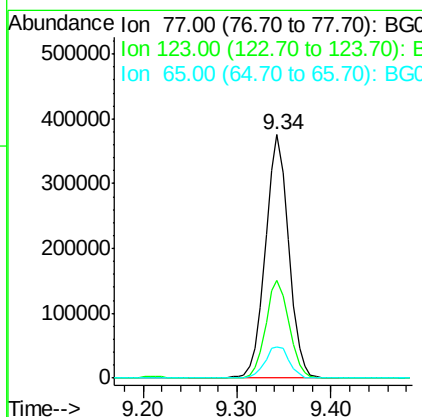
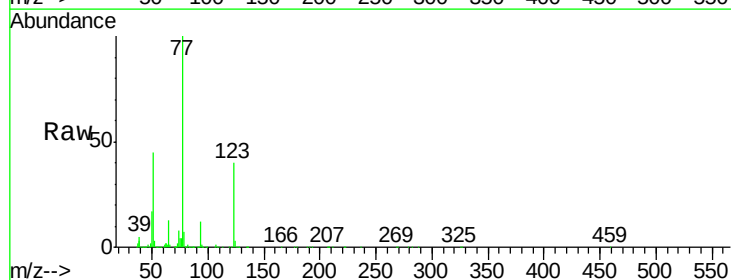
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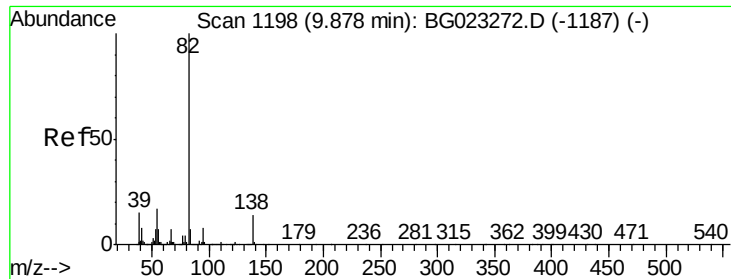
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#24
 Nitrobenzene
 Concen: 36.00 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	25.0	37.6#
65	12.9	13.4	20.0#





#25

Isophorone

Concen: 40.59 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

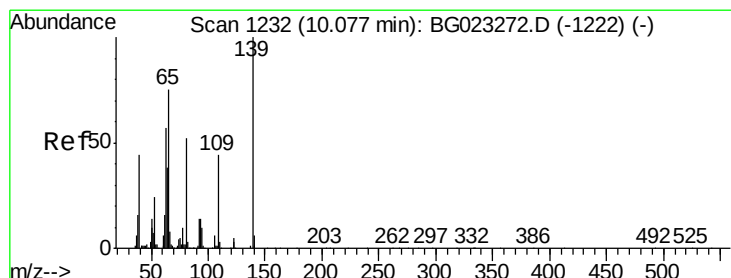
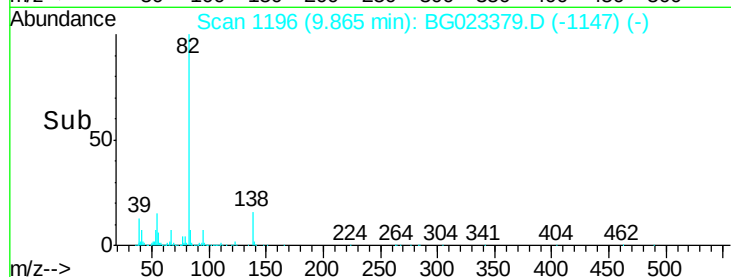
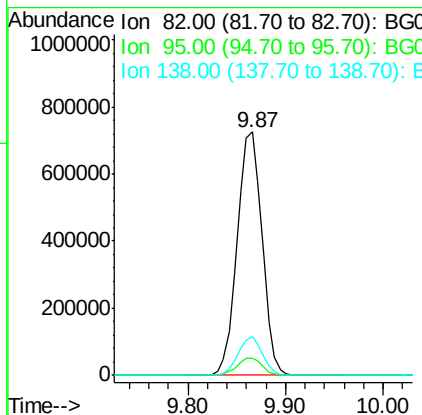
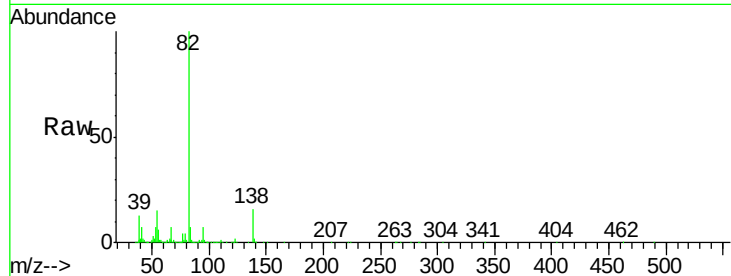
ClientSampleId :

SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	8.2	12.2#
138	15.9	10.7	16.1

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#26

2-Nitrophenol

Concen: 42.91 ng

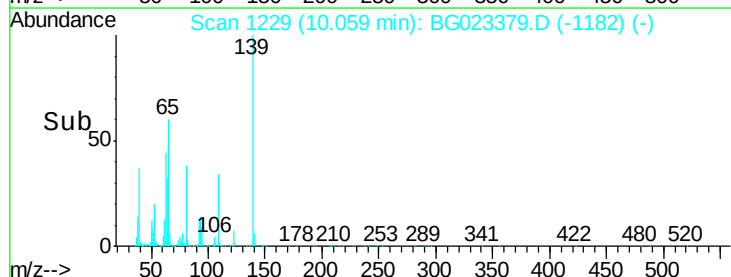
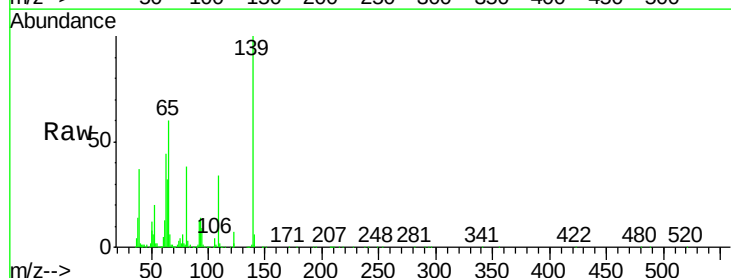
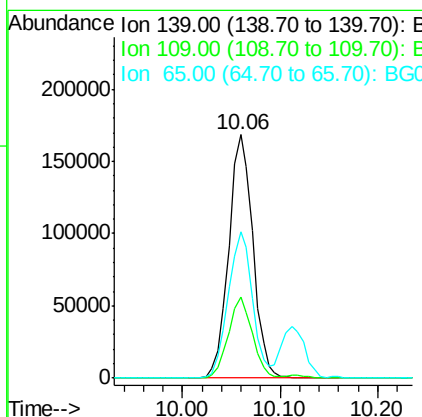
RT: 10.06 min Scan# 1229

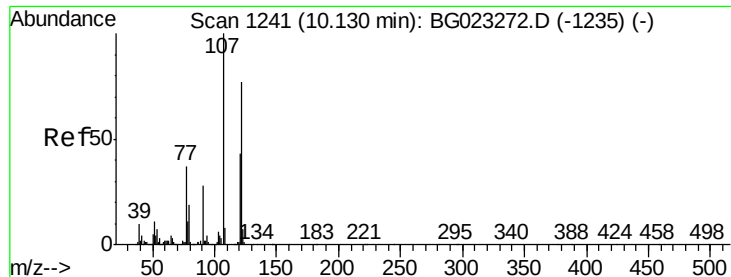
Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.5	43.5	65.3#
65	60.4	64.3	96.5#





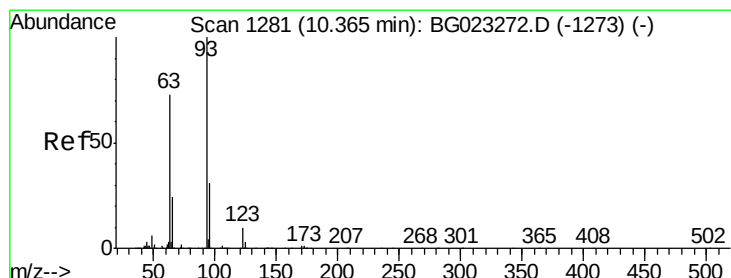
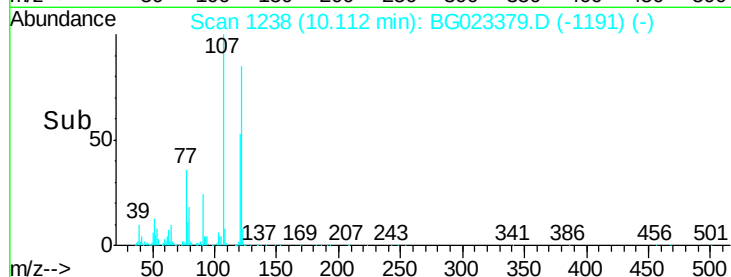
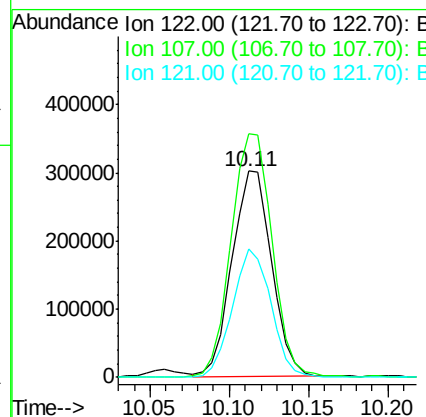
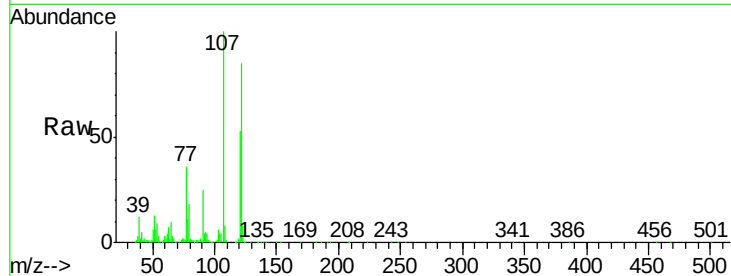
#27
2,4-Dimethylphenol
Concen: 45.91 ng
RT: 10.11 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.1	117.0	175.4
121	62.6	50.1	75.1

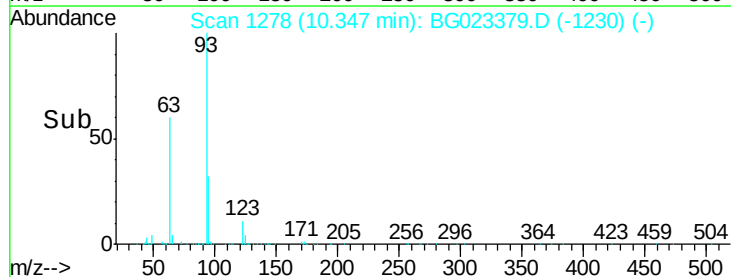
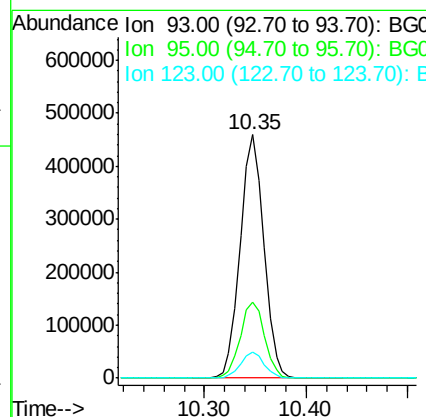
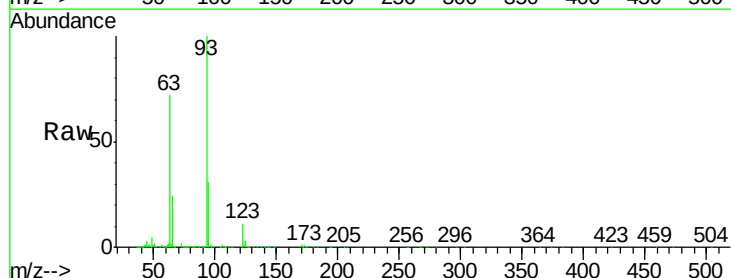
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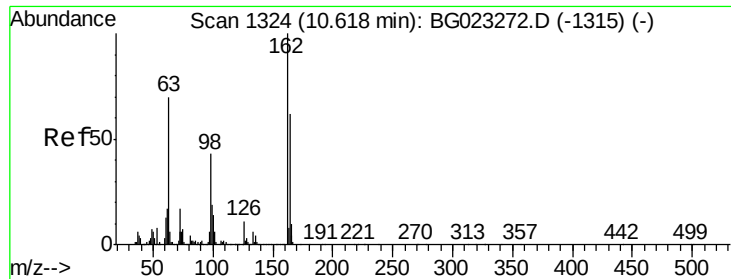
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#28
bis(2-Chloroethoxy)methane
Concen: 41.81 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.4	38.2
123	10.9	8.2	12.2





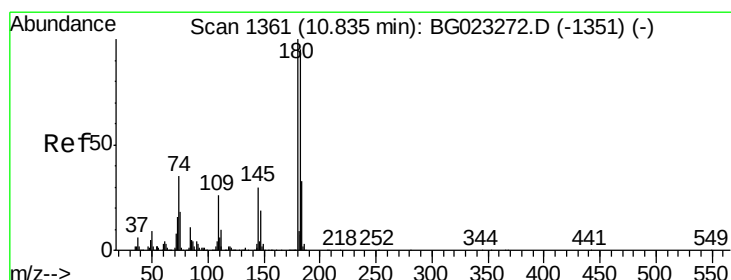
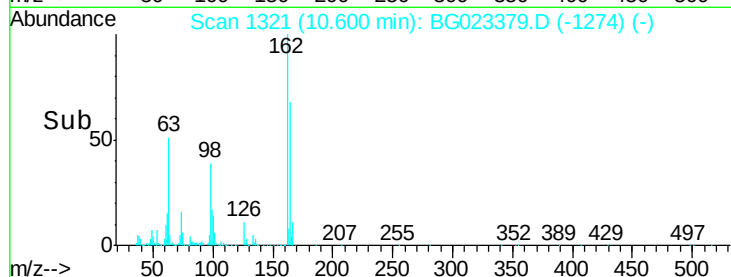
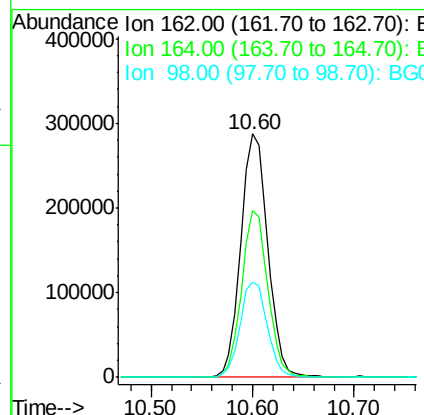
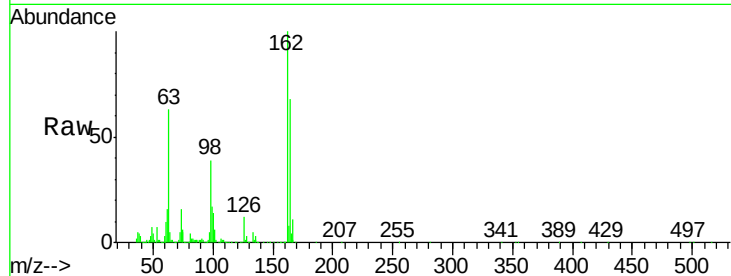
#29
 2,4-Dichlorophenol
 Concen: 48.44 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	532744		
164	68.3	44.3	84.3	
98	39.3	19.5	59.5	

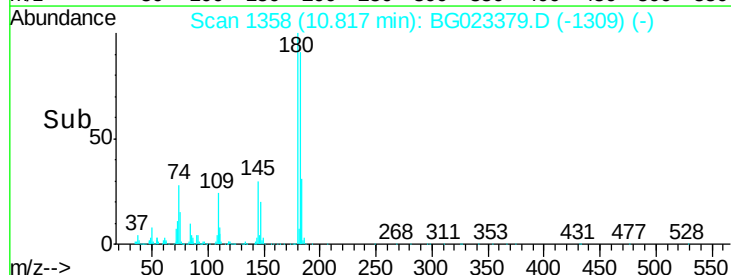
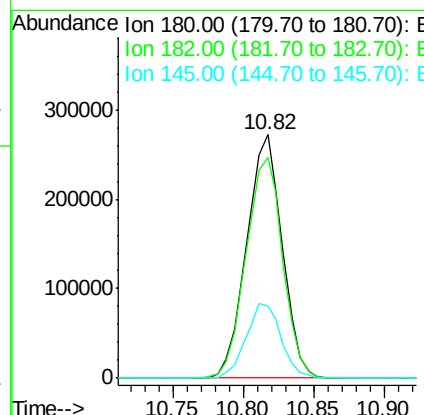
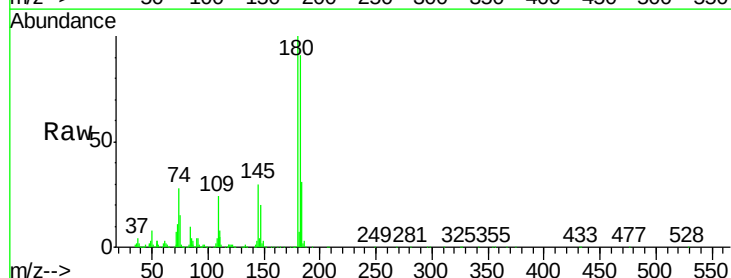
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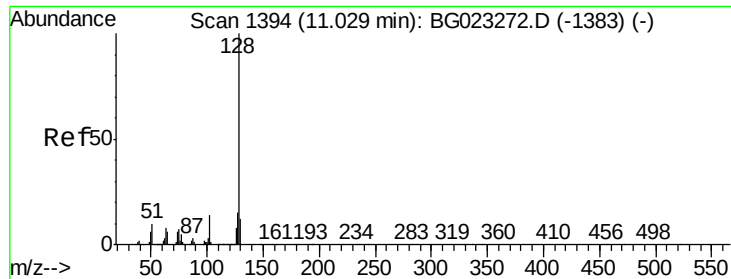
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	478061		
182	90.9	73.8	110.8	
145	29.5	24.4	36.6	





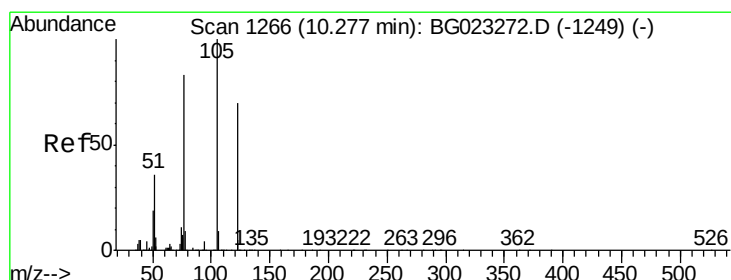
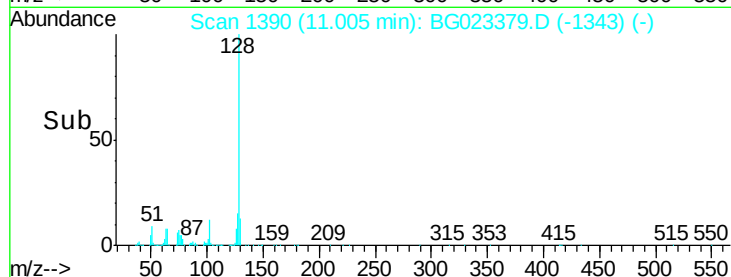
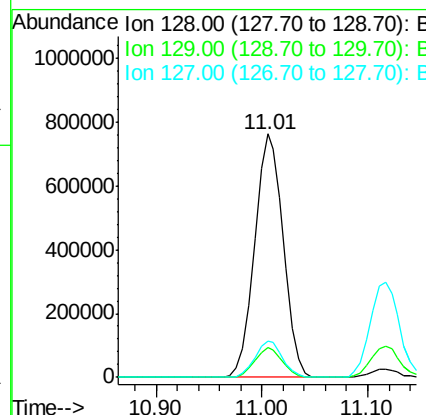
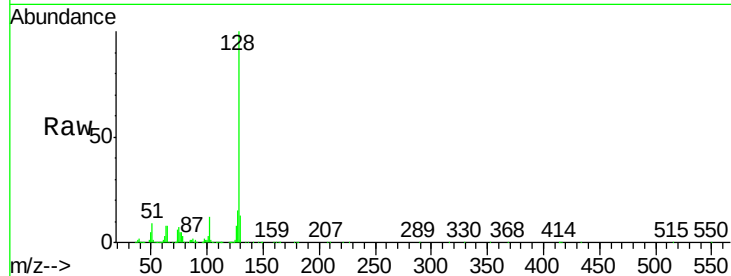
#31
Naphthalene
Concen: 41.02 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	15.0	11.3	16.9

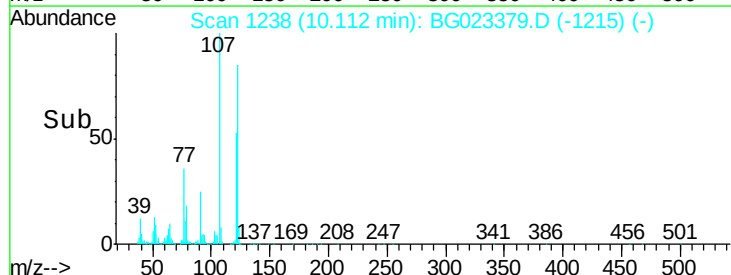
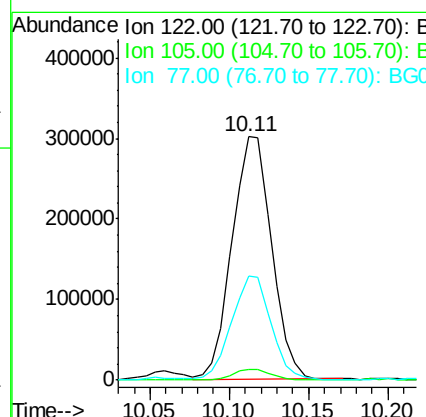
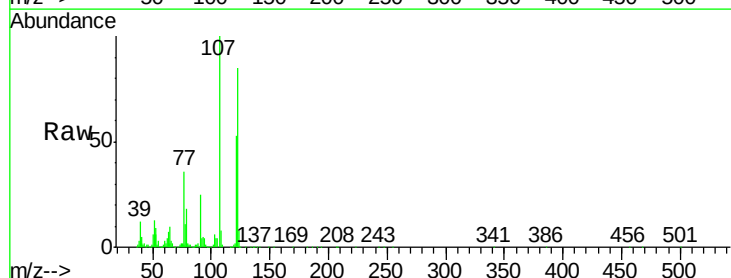
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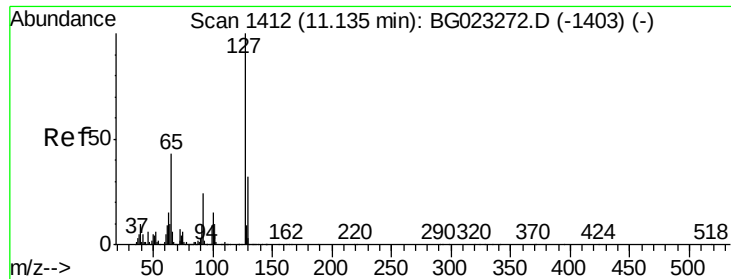
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#32
Benzoic acid
Concen: 54.97 ng
RT: 10.11 min Scan# 1238
Delta R.T. -0.16 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.5	117.2	157.2#
77	42.6	109.2	149.2#





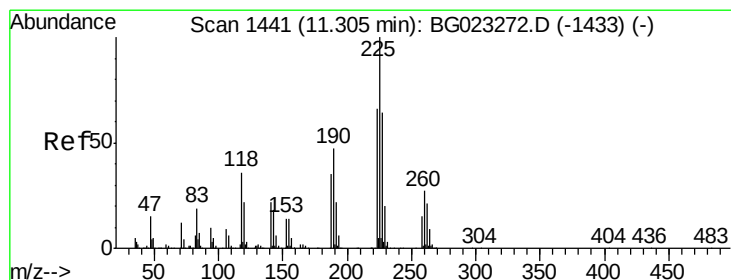
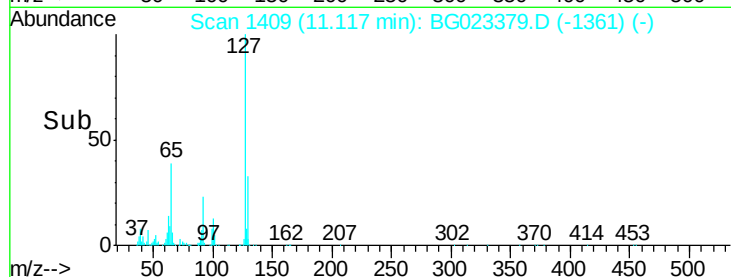
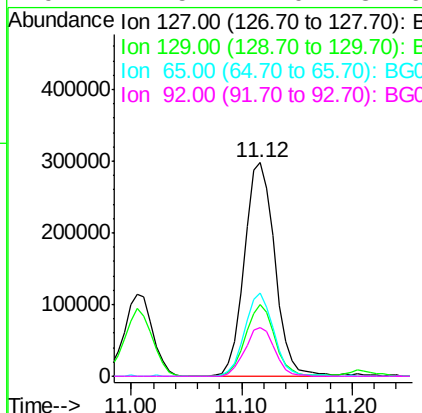
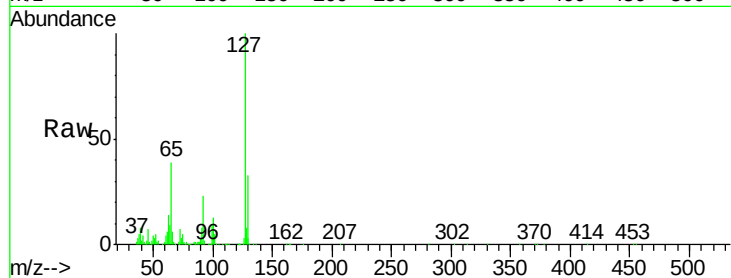
#33
4-Chloroaniline
Concen: 35.81 ng
RT: 11.12 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	577715		
129	33.4	27.9	41.9	
65	38.8	36.8	55.2	
92	22.5	21.0	31.6	

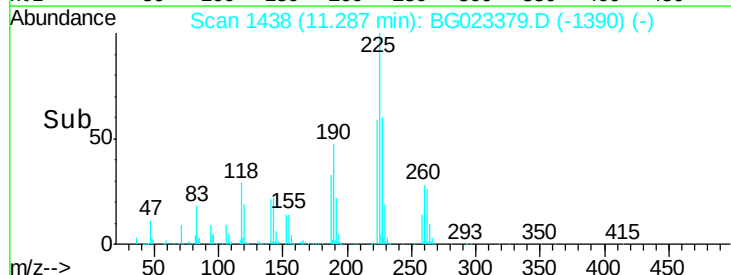
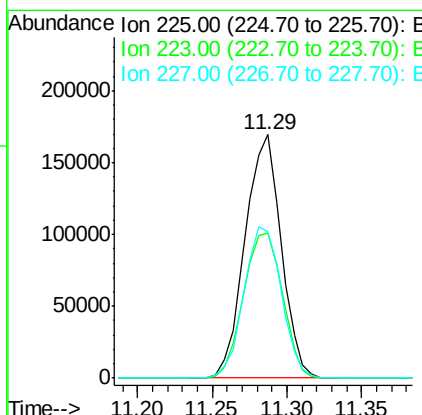
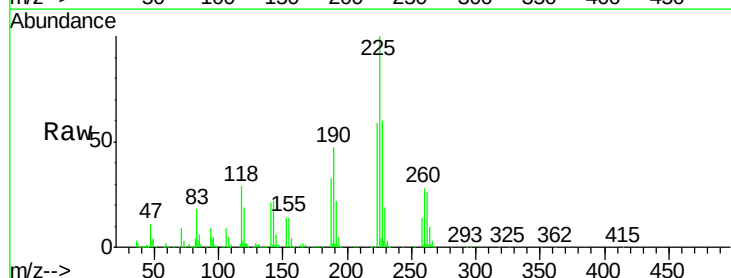
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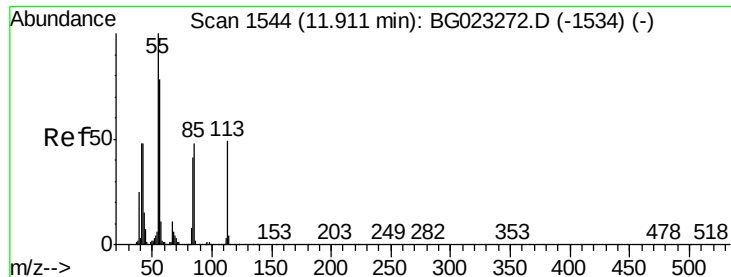
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#34
Hexachlorobutadiene
Concen: 35.62 ng
RT: 11.29 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	283783		
223	59.4	49.6	74.4	
227	59.9	54.5	81.7	





#35

Caprolactam

Concen: 47.90 ng m

RT: 11.90 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

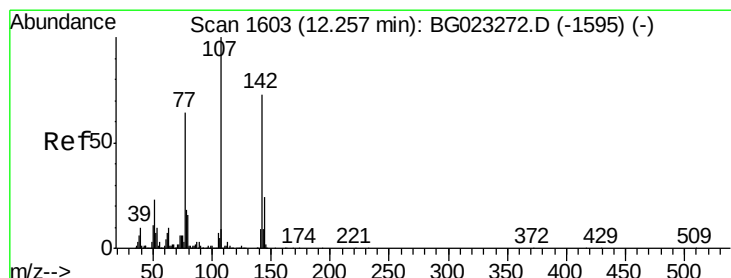
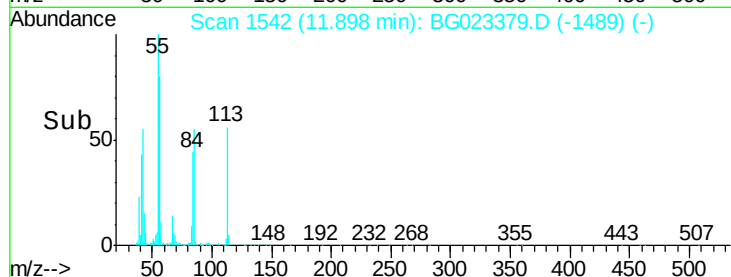
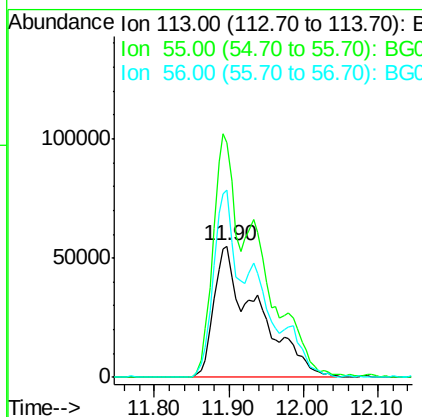
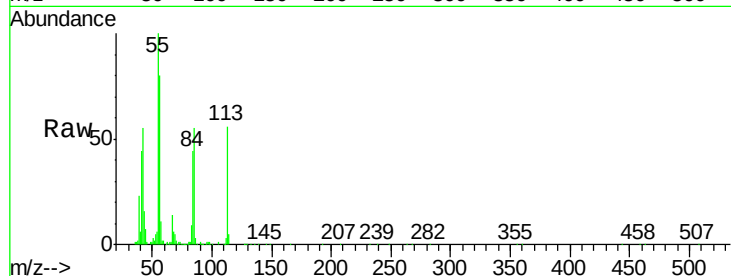
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	113	Resp:	224054
Ion Ratio	Lower	Upper	
113	100		
55	178.6	154.5	194.5
56	142.4	125.1	165.1

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#36

4-Chloro-3-methylphenol

Concen: 46.15 ng

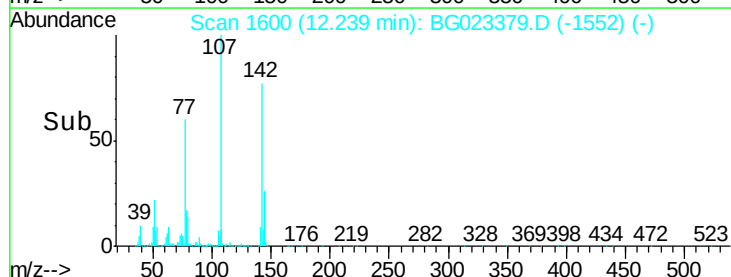
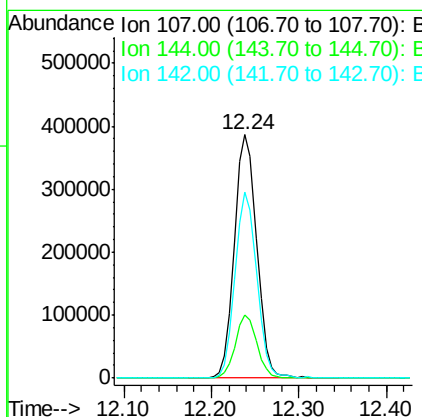
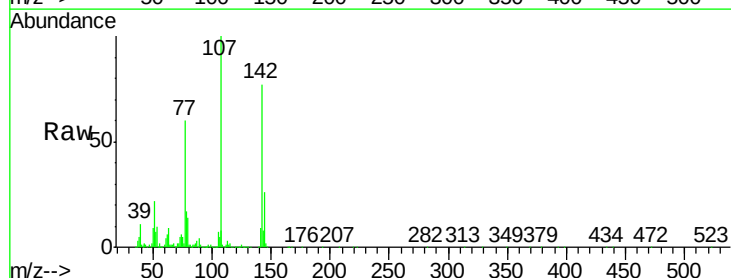
RT: 12.24 min Scan# 1600

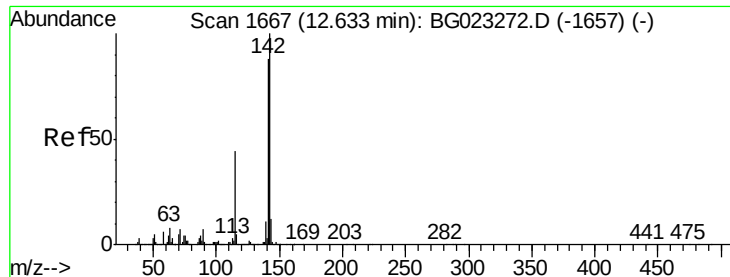
Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	107	Resp:	666882
Ion Ratio	Lower	Upper	
107	100		
144	25.8	17.0	25.6#
142	76.7	53.0	79.6





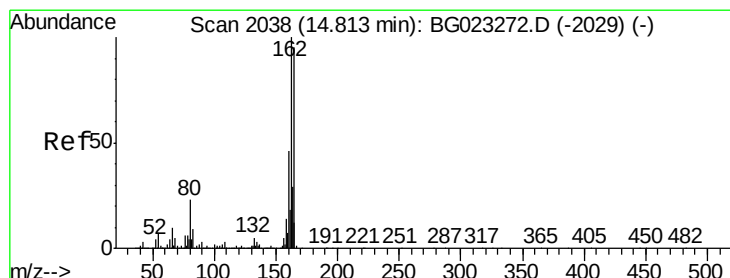
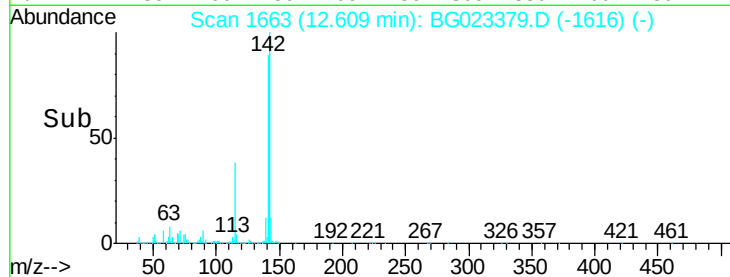
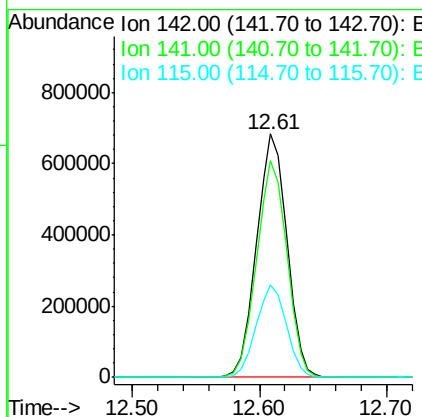
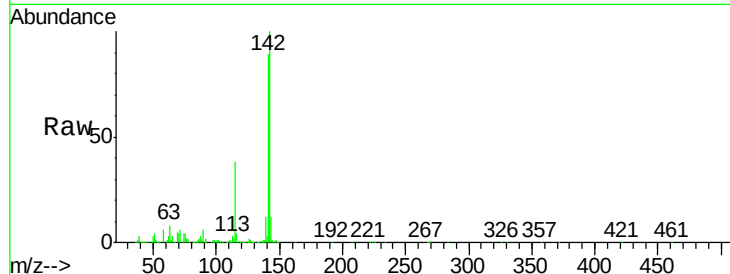
#37
 2-Methylnaphthalene
 Concen: 44.15 ng
 RT: 12.61 min Scan# 1663
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.2
115	38.0	41.7	62.5#

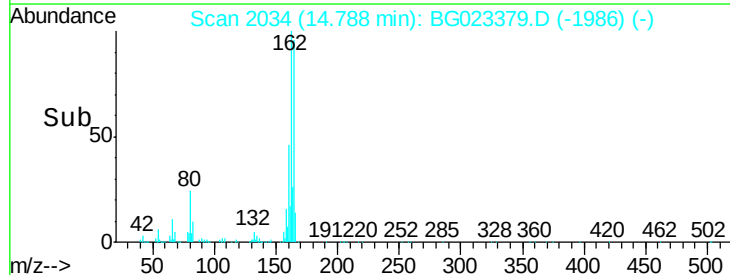
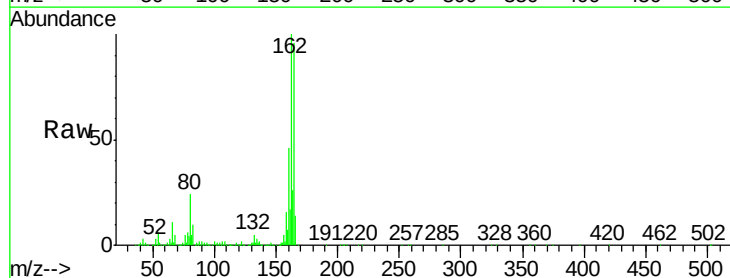
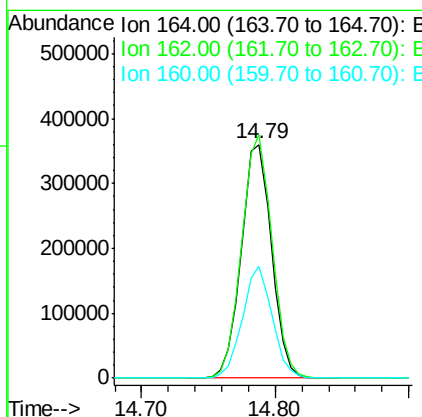
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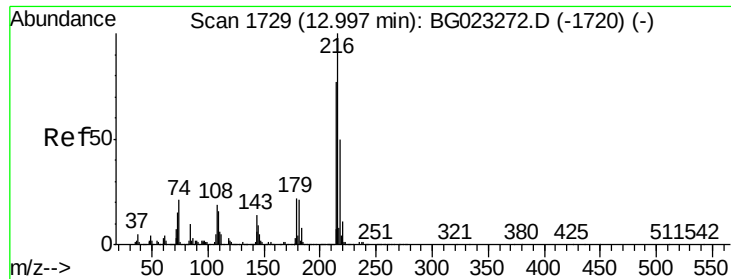
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	48.1	37.2	55.8





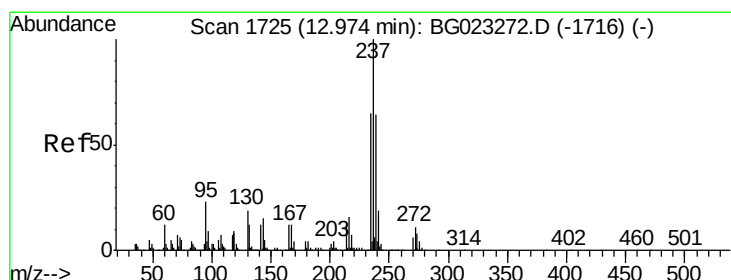
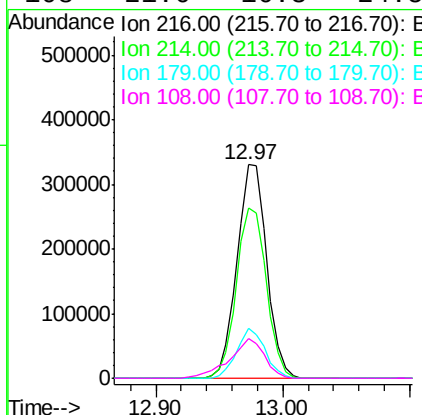
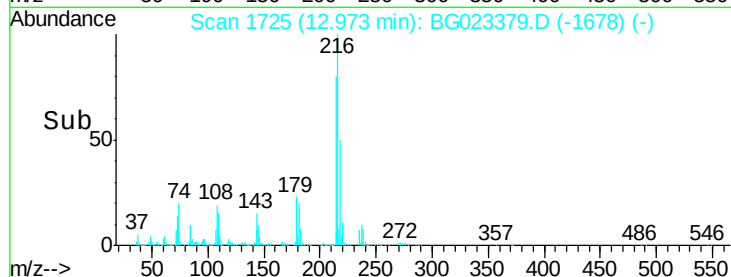
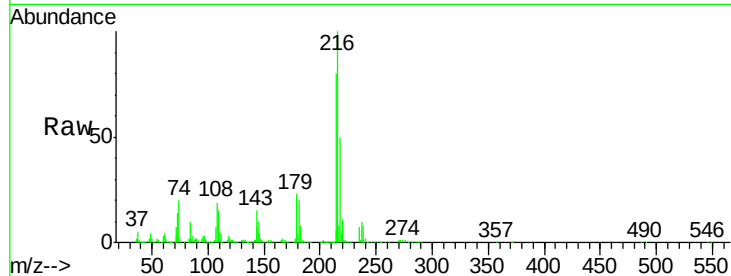
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.47 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	535386		
214	80.3	62.9	94.3	
179	22.4	17.2	25.8	
108	21.6	16.3	24.5	

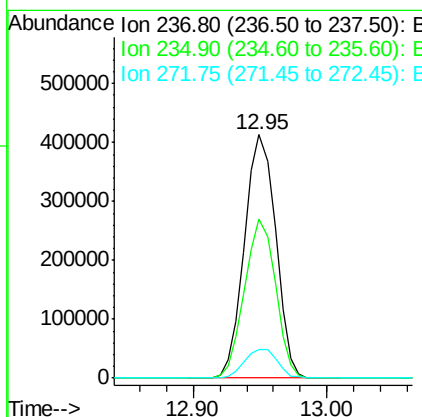
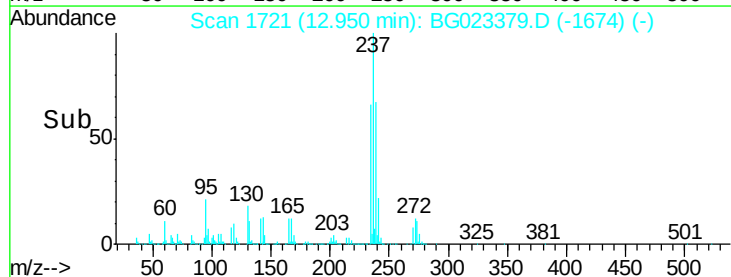
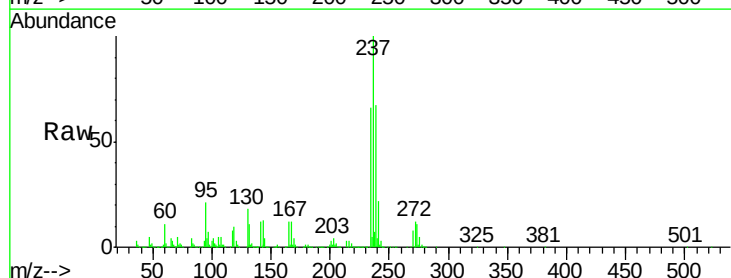
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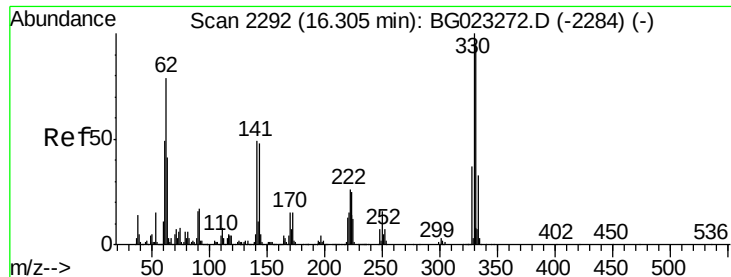
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#40
 Hexachlorocyclopentadiene
 Concen: 77.74 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	669210		
235	65.6	43.1	83.1	
272	12.0	0.0	30.9	





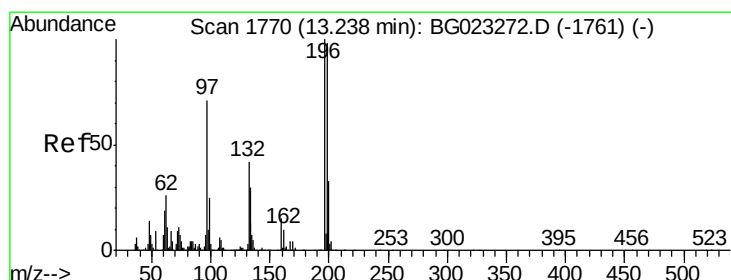
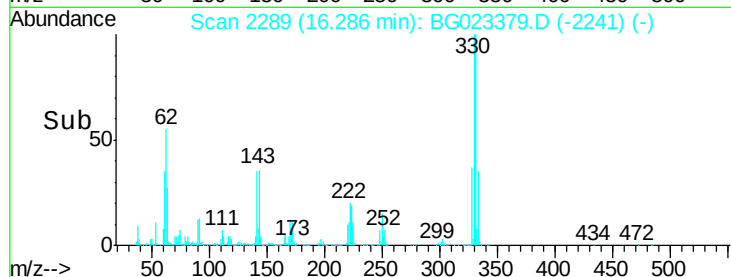
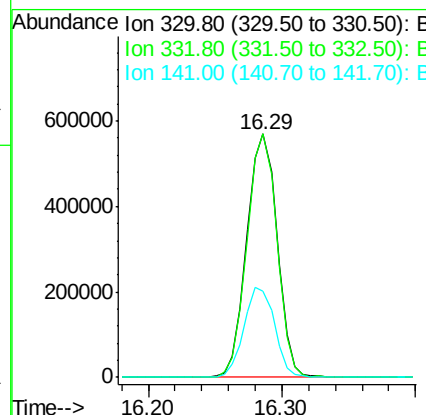
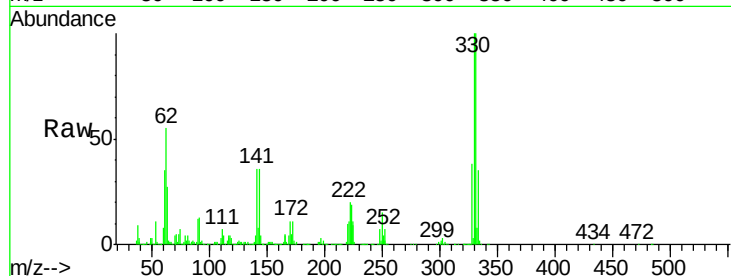
#41
 2,4,6-Tribromophenol
 Concen: 154.10 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	894983		
332	98.1	77.4	116.2	
141	37.3	31.7	47.5	

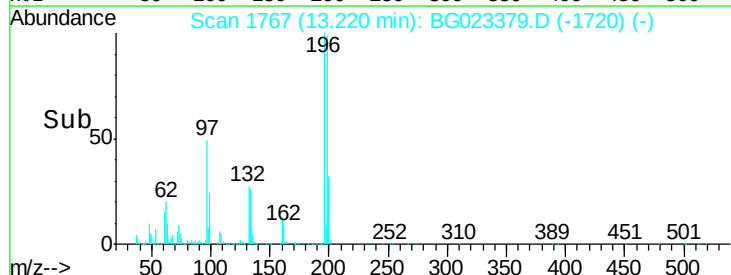
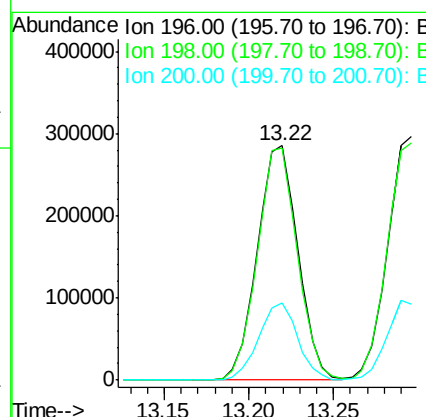
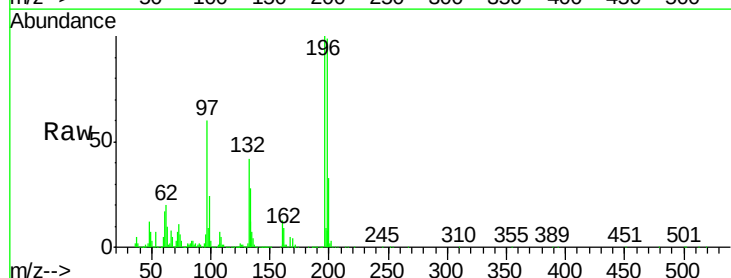
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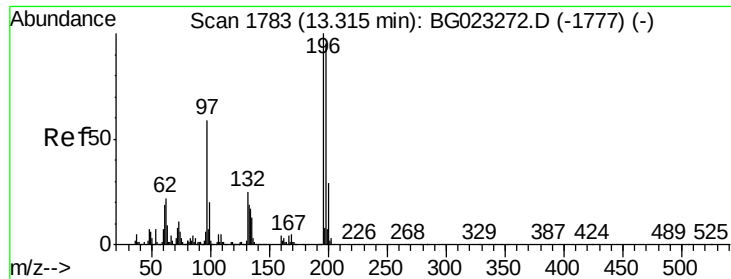
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#42
 2,4,6-Trichlorophenol
 Concen: 44.41 ng
 RT: 13.22 min Scan# 1767
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	473895		
198	99.2	78.2	117.2	
200	32.9	27.0	40.4	





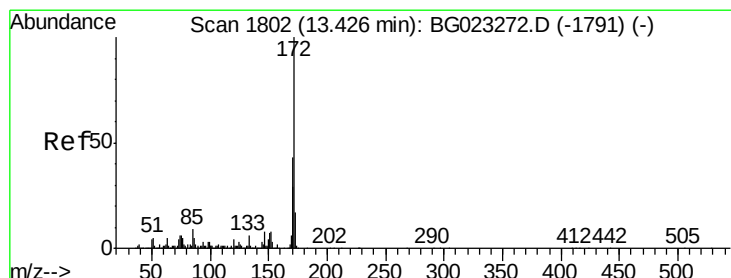
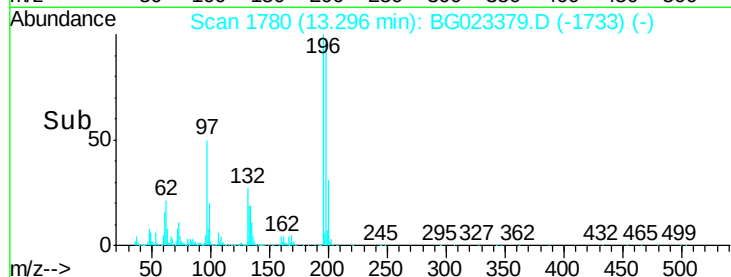
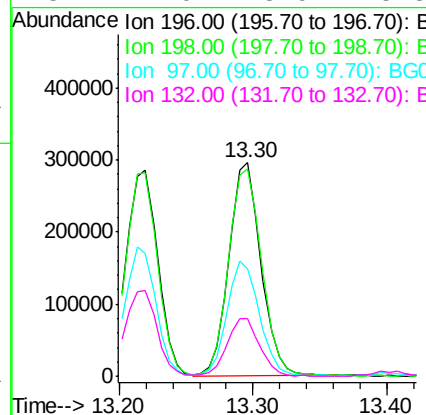
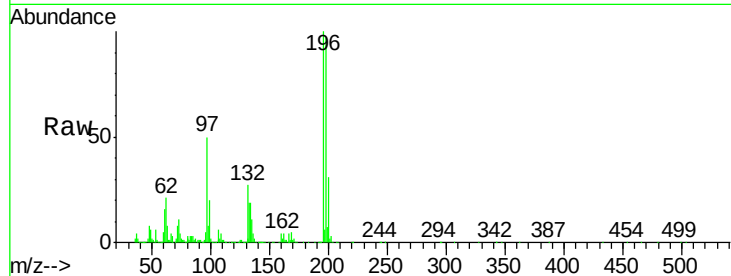
#43
 2,4,5-Trichlorophenol
 Concen: 43.94 ng
 RT: 13.30 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	497330		
198	97.2	85.7	128.5	
97	50.4	45.5	68.3	
132	27.0	18.9	28.3	

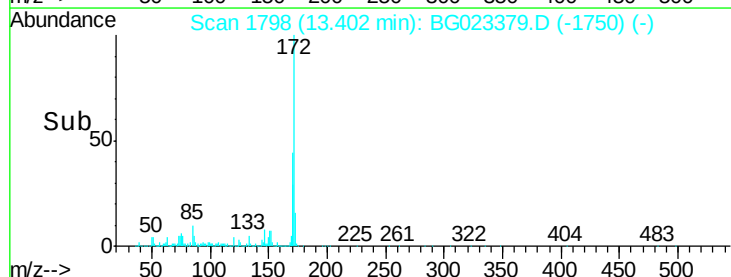
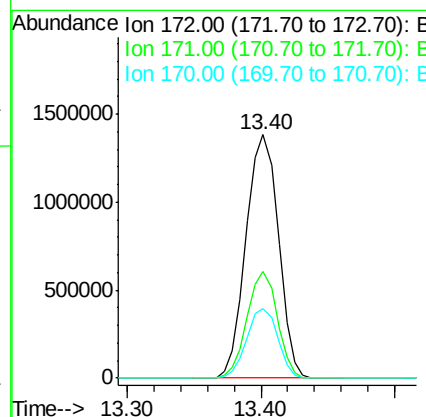
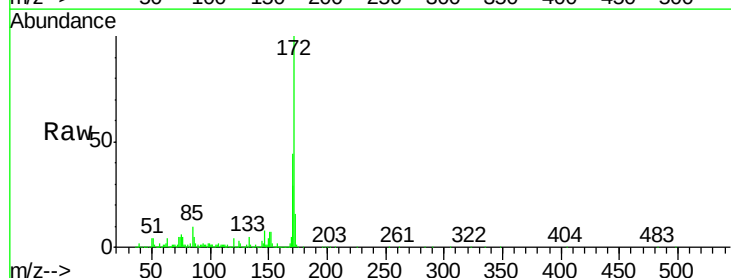
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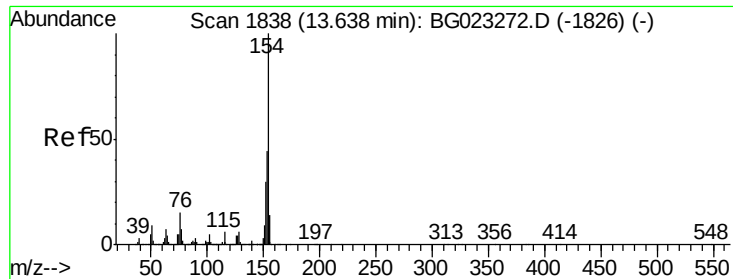
sohil
 8/1/2016 7:13:32 PM



#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2317111		
171	43.8	31.6	47.4	
170	28.6	21.3	31.9	





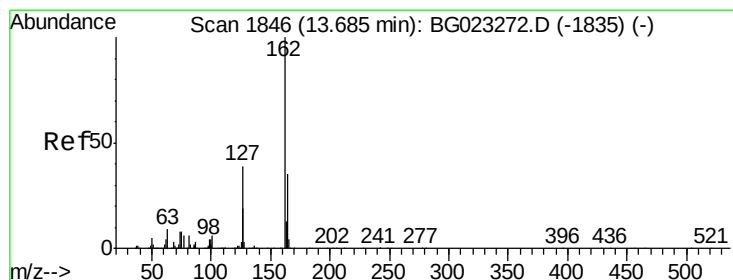
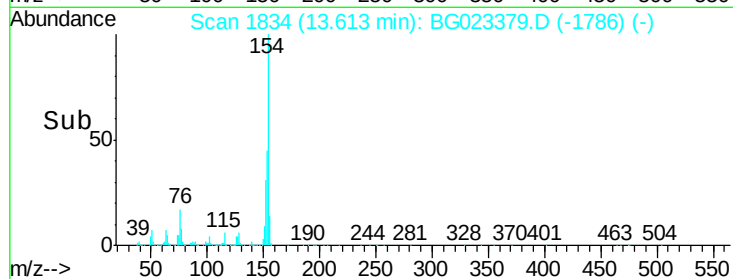
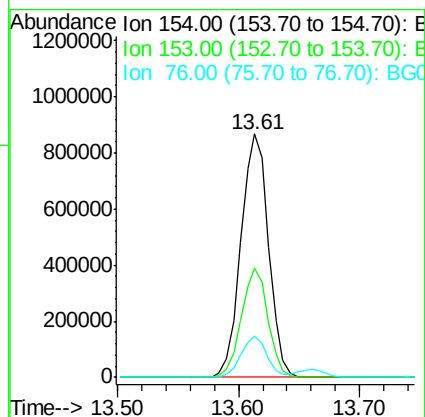
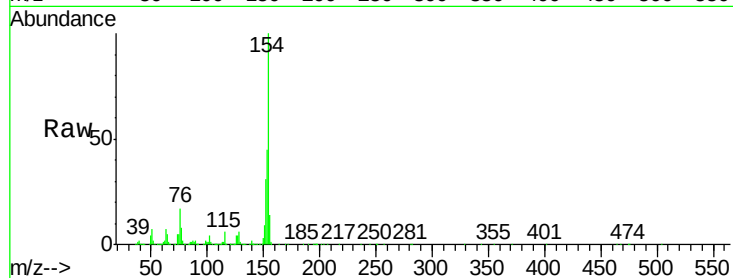
#45
 1,1'-Biphenyl
 Concen: 35.23 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	20.2	60.2
76	16.9	0.0	32.9

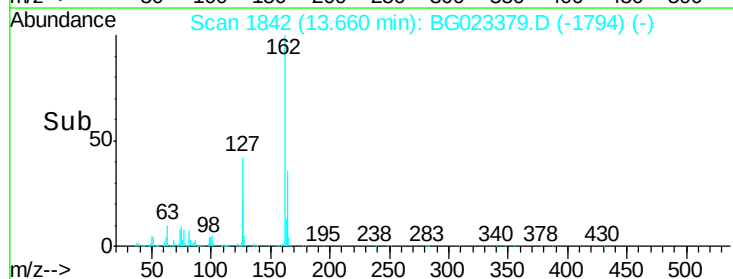
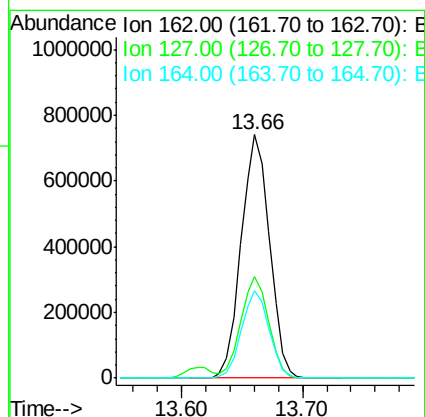
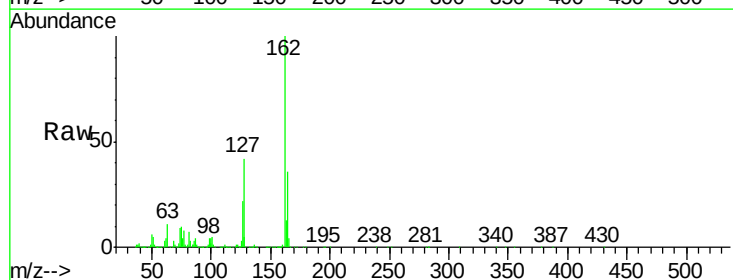
Manual Integrations
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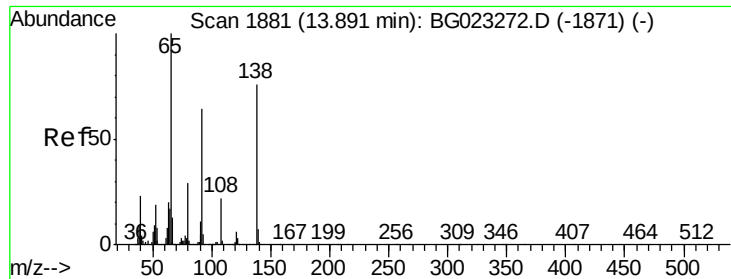
sohil
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#46
 2-Chloronaphthalene
 Concen: 38.68 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.4	48.6
164	36.1	25.2	37.8





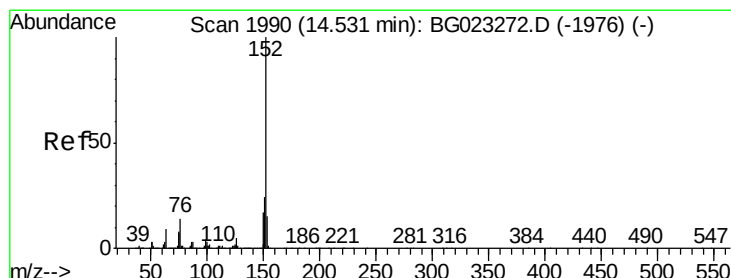
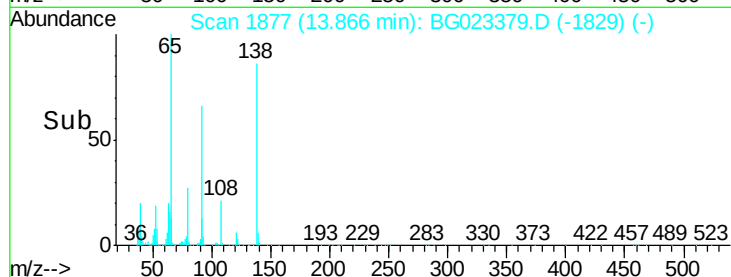
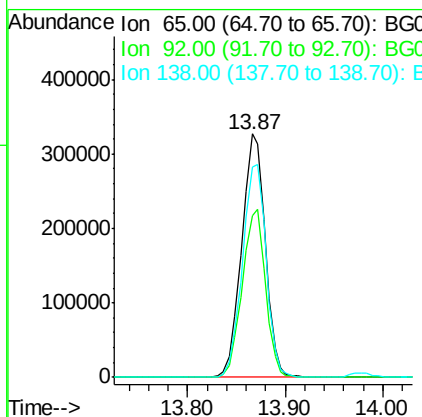
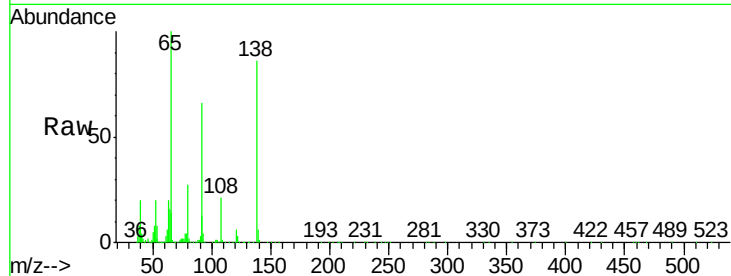
#47
2-Nitroaniline
Concen: 41.32 ng
RT: 13.87 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	49.4	74.0
138	86.3	58.0	87.0

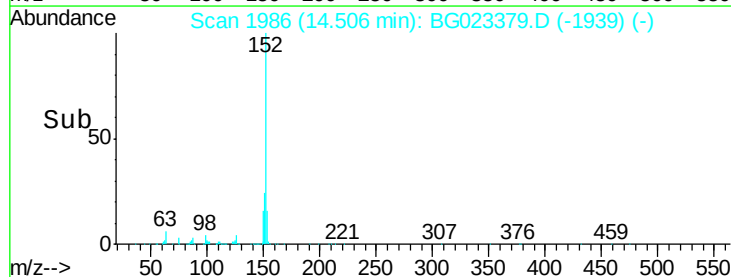
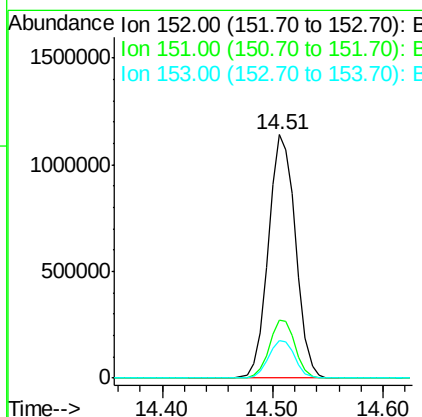
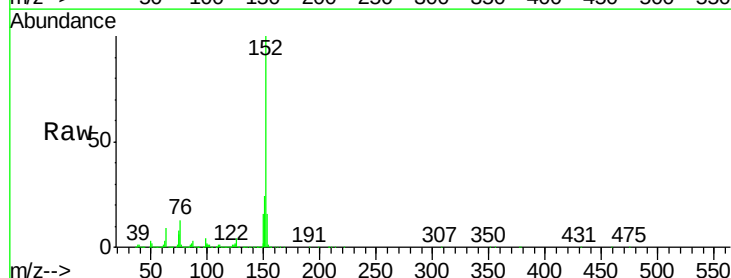
Manual Integrations
APPROVED

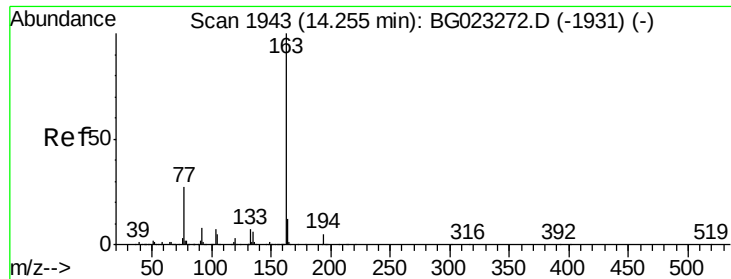
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#48
Acenaphthylene
Concen: 40.70 ng
RT: 14.51 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.6	26.4
153	15.6	11.4	17.2





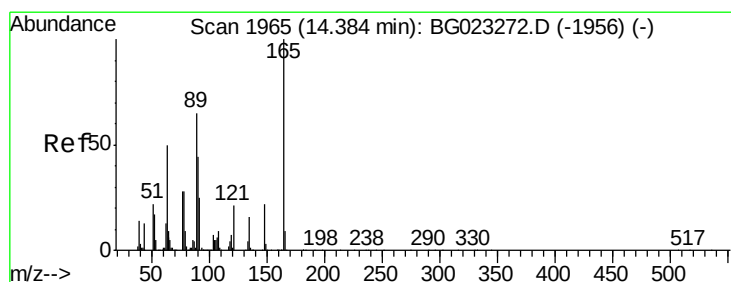
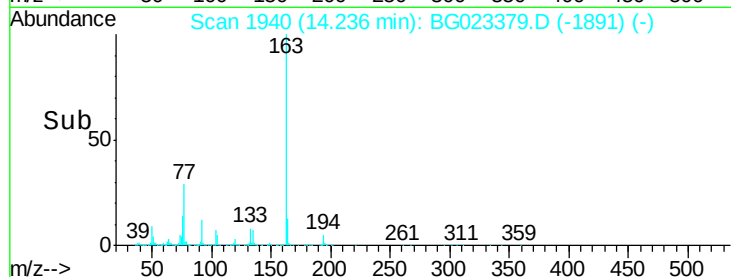
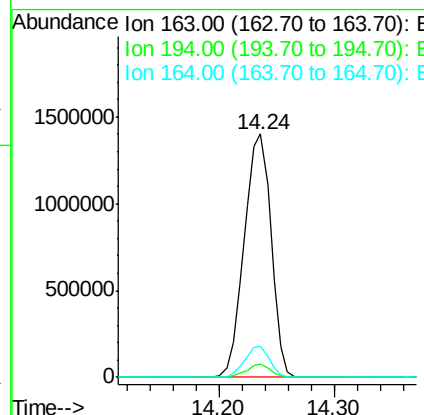
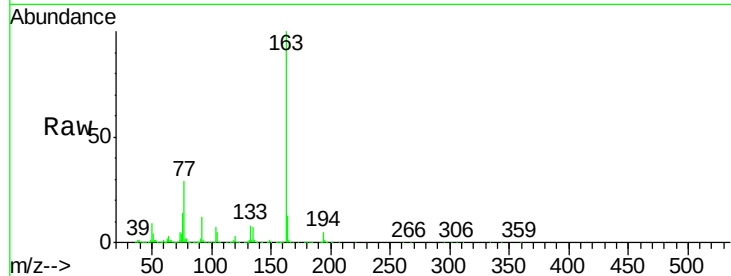
#49
Dimethylphthalate
Concen: 54.52 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	12.7	8.1	12.1#

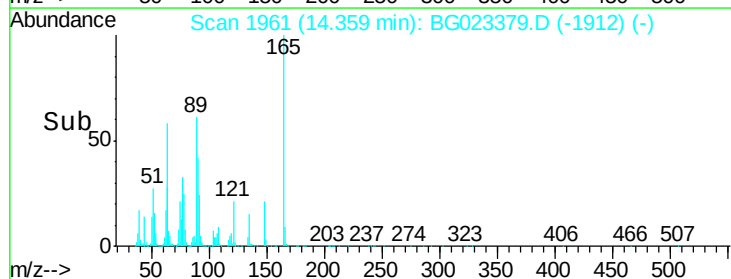
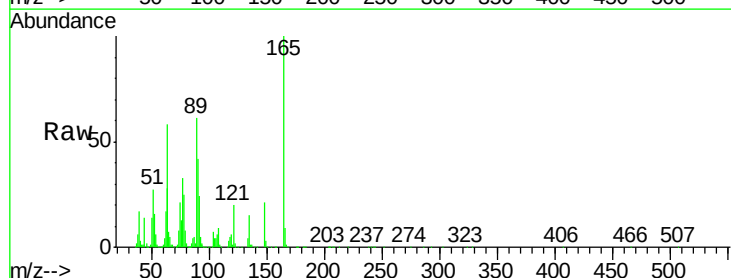
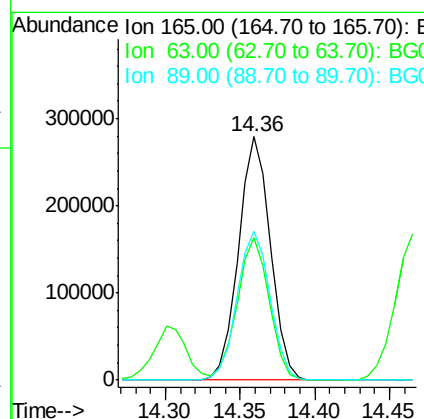
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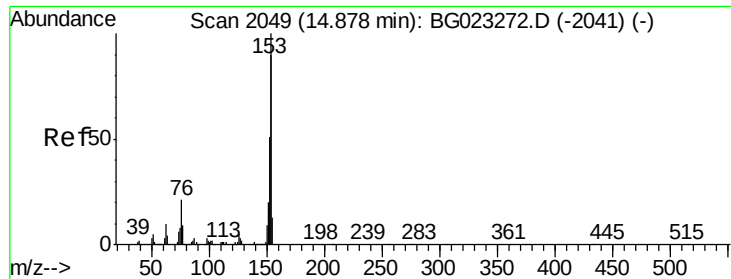
sohil
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#50
2,6-Dinitrotoluene
Concen: 42.68 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.4	64.3	96.5#
89	61.3	64.3	96.5#





#51

Acenaphthene

Concen: 40.46 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

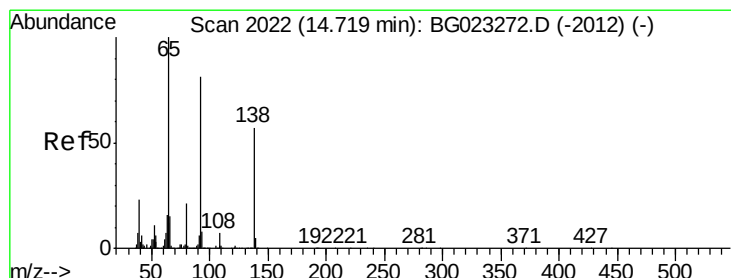
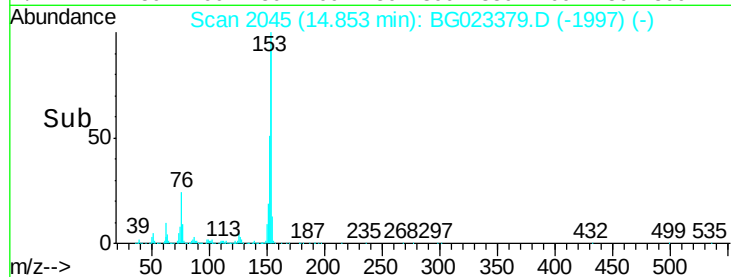
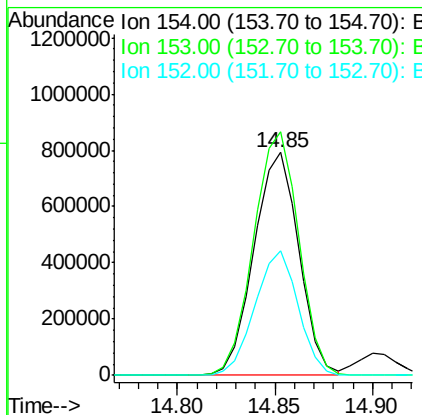
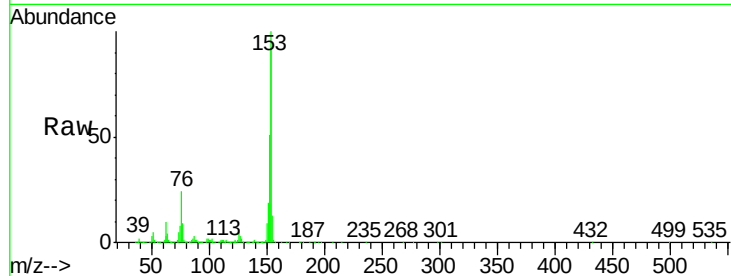
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	154	Resp:	1260171
Ion Ratio	Lower	Upper	
154	100		
153	109.2	87.5	131.3
152	56.0	42.7	64.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 43.49 ng

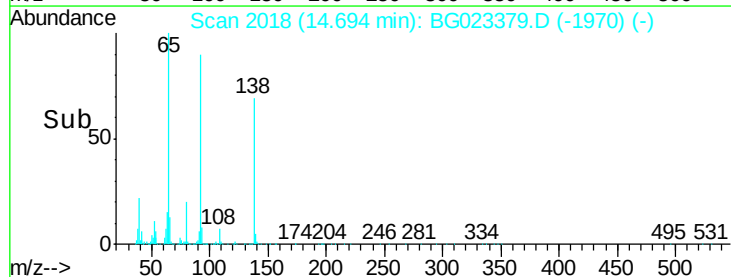
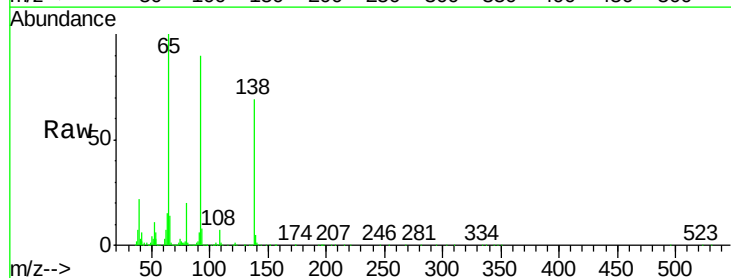
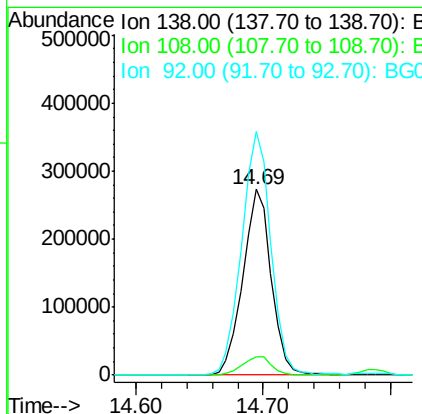
RT: 14.69 min Scan# 2018

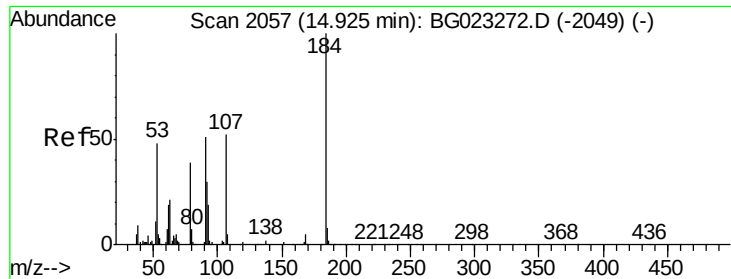
Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	138	Resp:	424740
Ion Ratio	Lower	Upper	
138	100		
108	10.1	11.7	17.5#
92	131.0	129.7	194.5





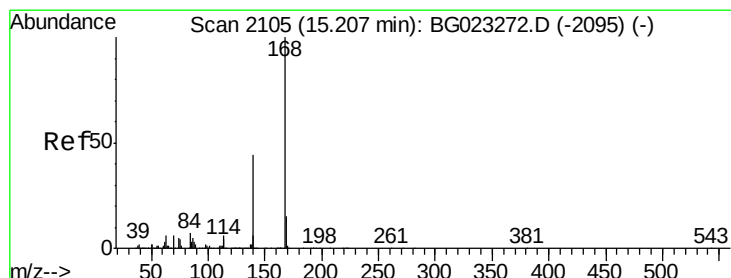
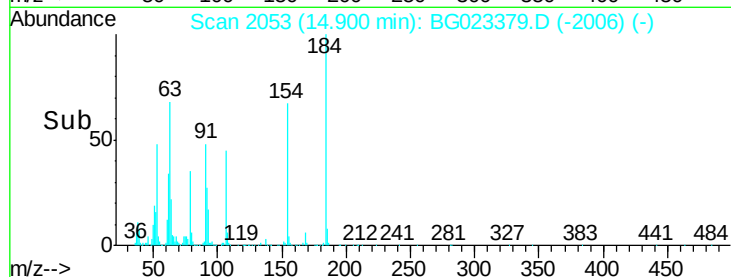
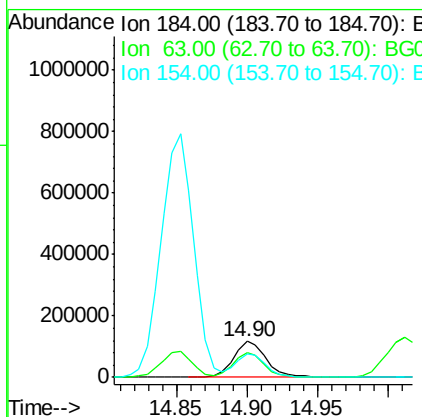
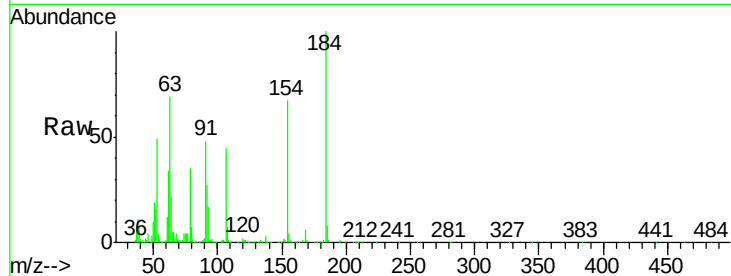
#53
2,4-Dinitrophenol
Concen: 32.81 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	59.6	89.4
154	66.6	67.4	101.0

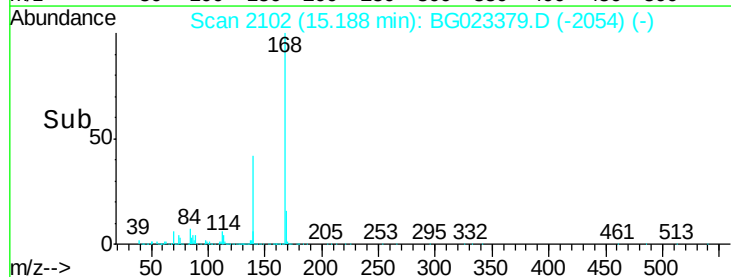
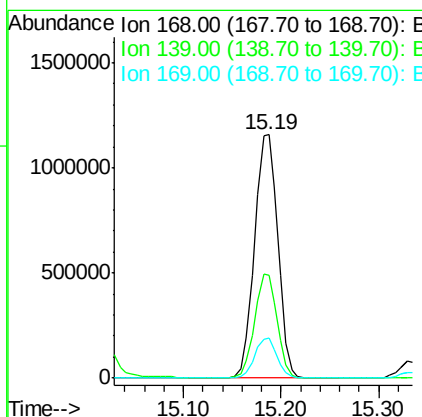
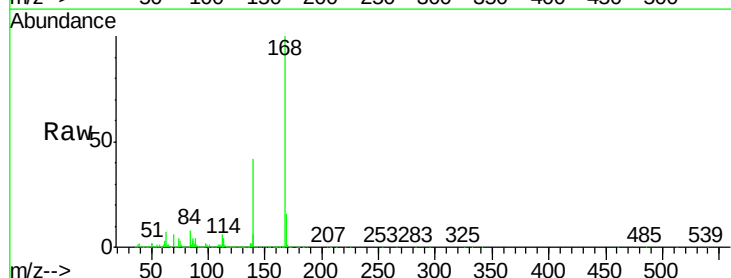
Manual Integrations
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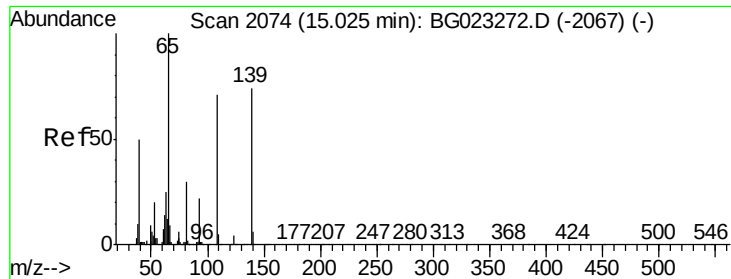
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#54
Dibenzofuran
Concen: 44.35 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	36.4	54.6
169	16.3	11.9	17.9





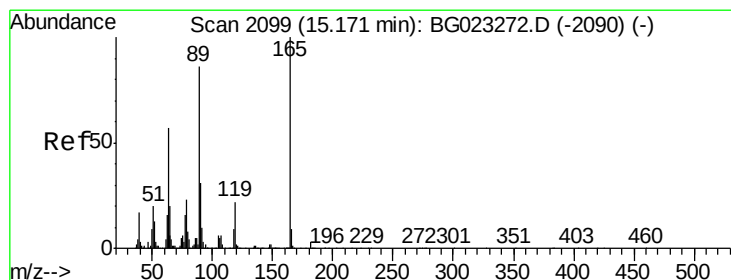
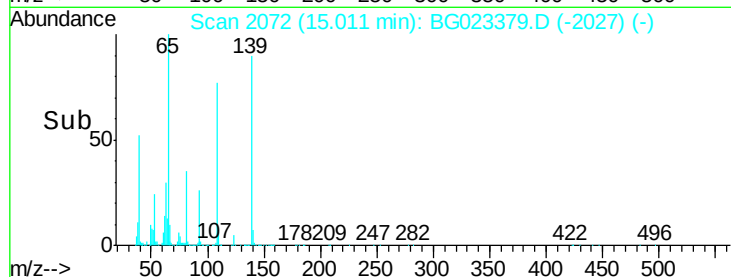
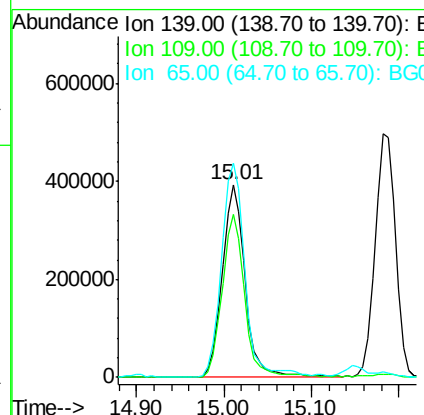
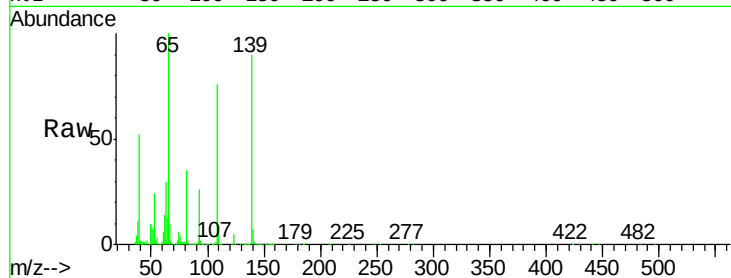
#55
4-Nitrophenol
Concen: 84.63 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.04 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.7	103.0	143.0#
65	111.0	112.7	152.7#

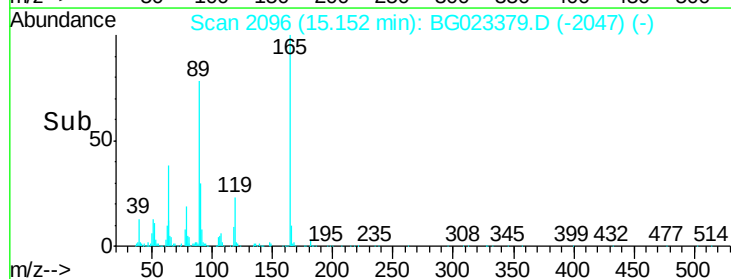
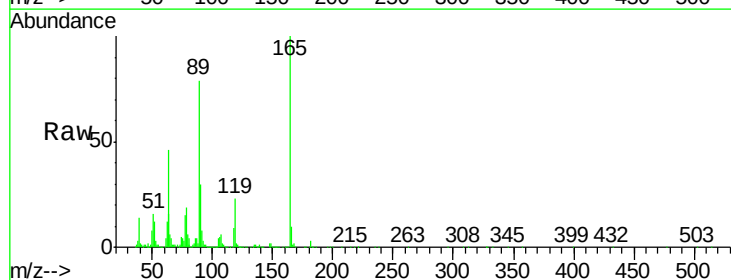
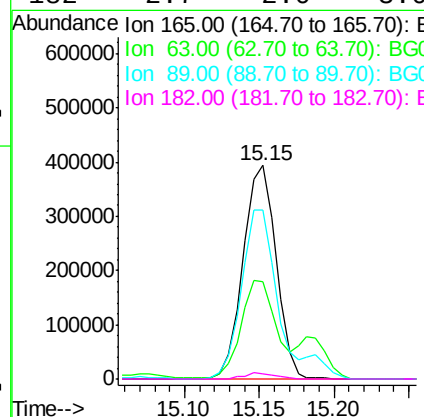
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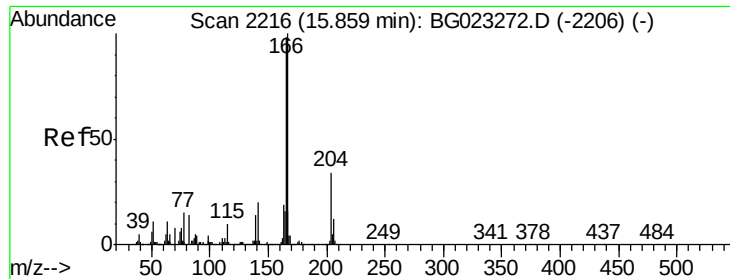
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#56
2,4-Dinitrotoluene
Concen: 44.30 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	45.8	68.6#
89	79.0	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 42.34 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MSD

Tgt Ion:166 Resp: 1647393

Ion Ratio Lower Upper

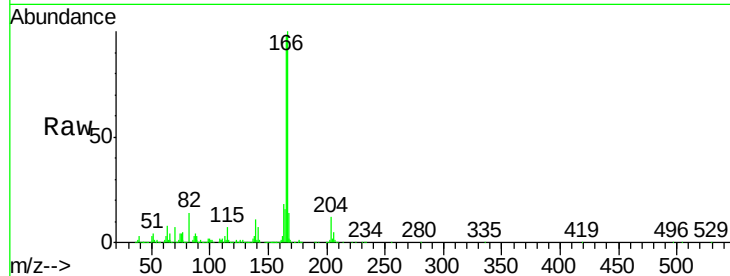
166 100

165 97.9 81.0 121.6

167 14.5 12.0 18.0

Manual Integrations
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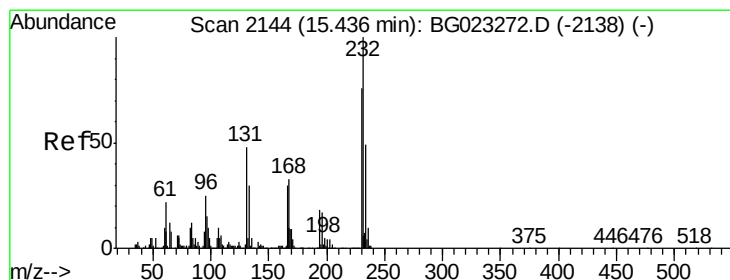
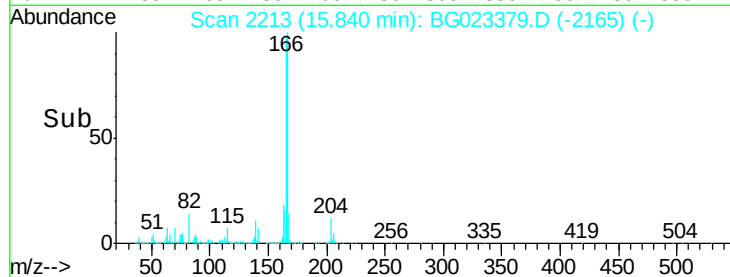
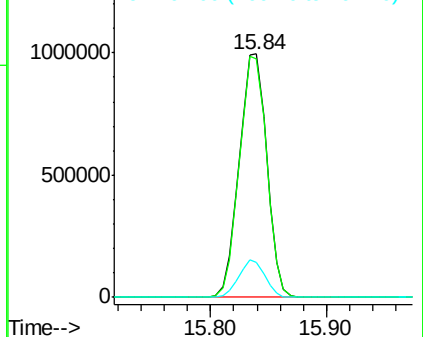
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.14 ng

RT: 15.41 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:232 Resp: 499607

Ion Ratio Lower Upper

232 100

131 44.1 32.7 49.1

130 2.7 2.6 3.8

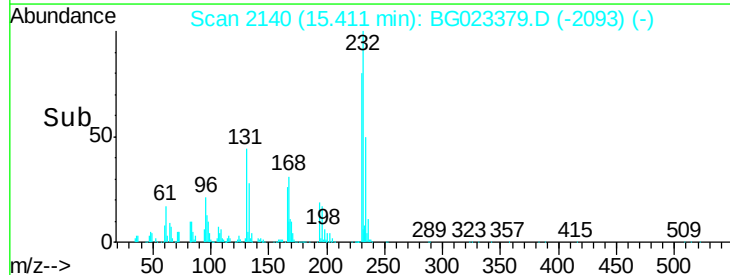
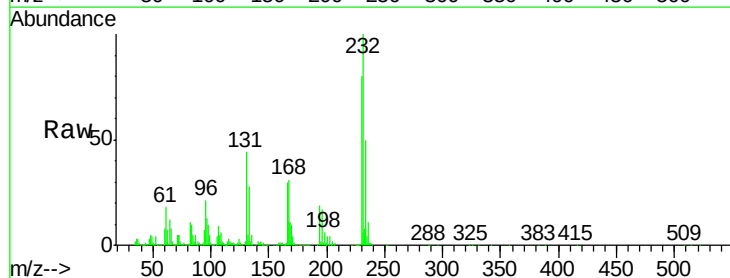
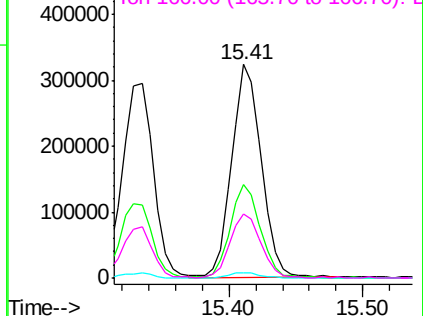
166 31.3 23.0 34.6

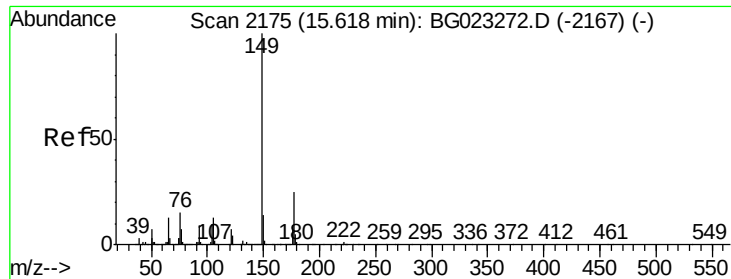
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





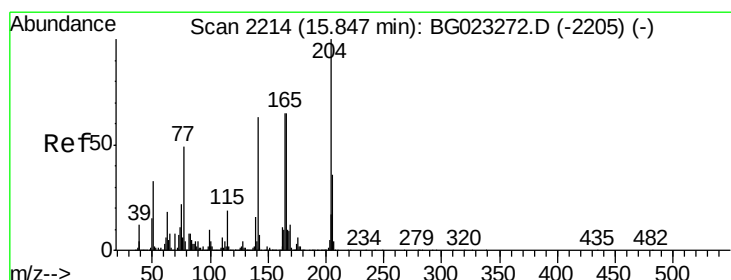
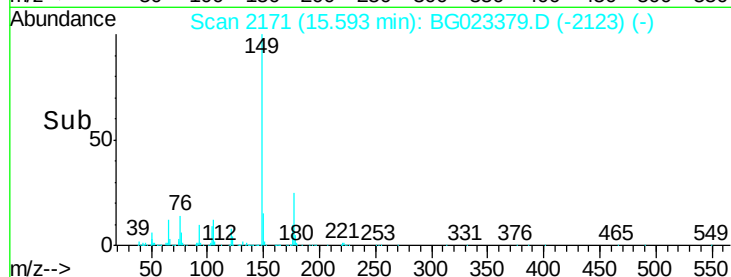
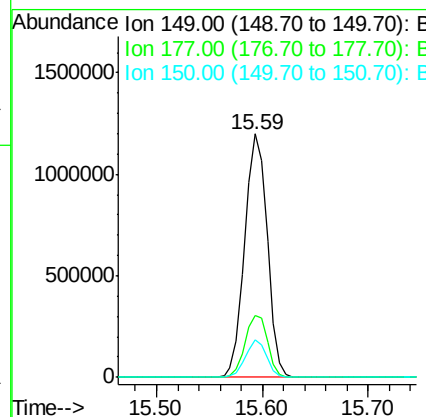
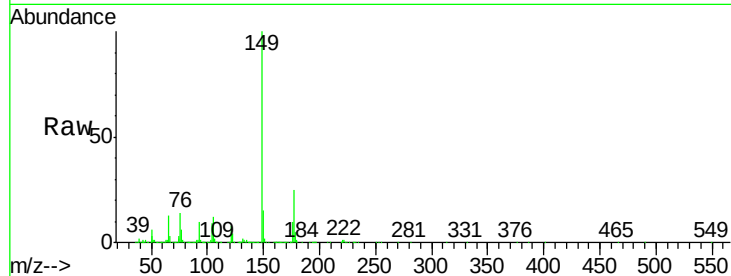
#59
Diethylphthalate
Concen: 41.43 ng
RT: 15.59 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	19.2	28.8
150	15.2	10.6	16.0

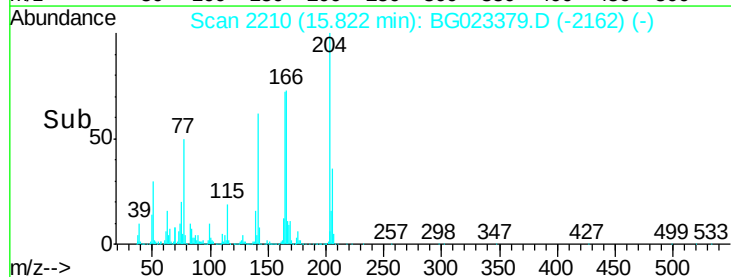
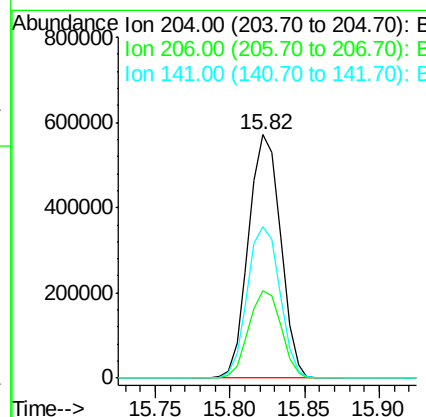
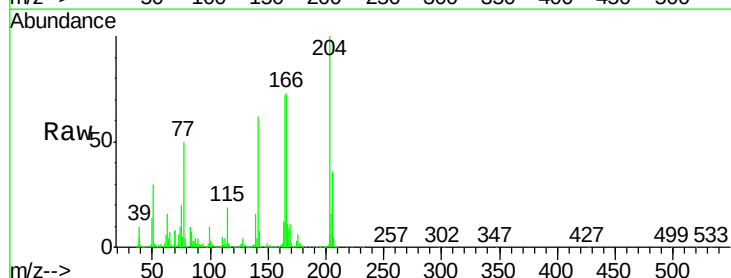
Manual Integrations
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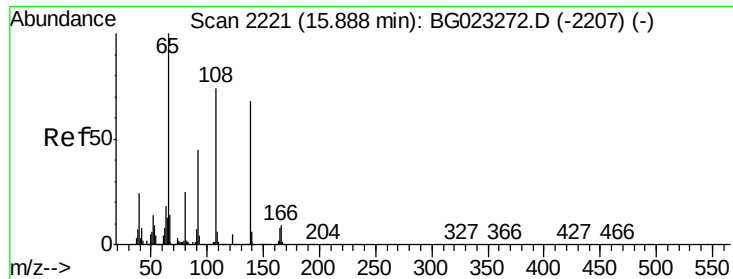
sohil
8/1/2016 7:13:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	62.3	51.4	77.0





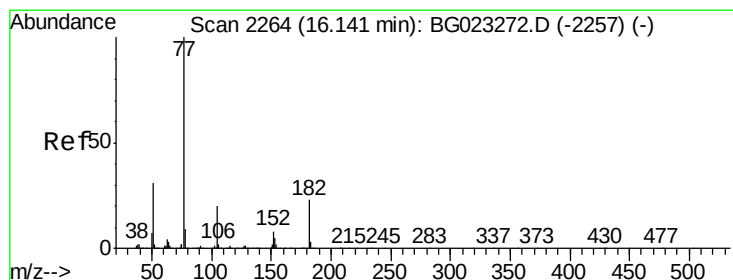
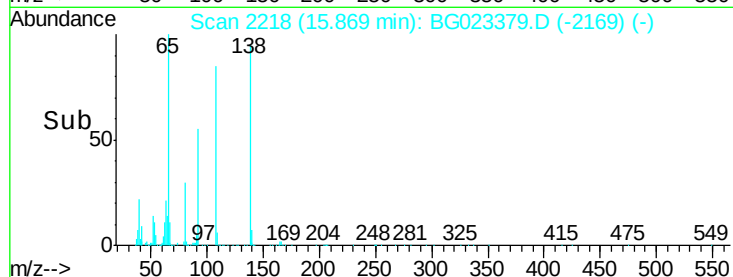
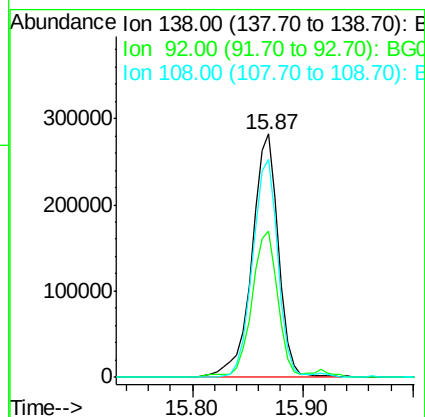
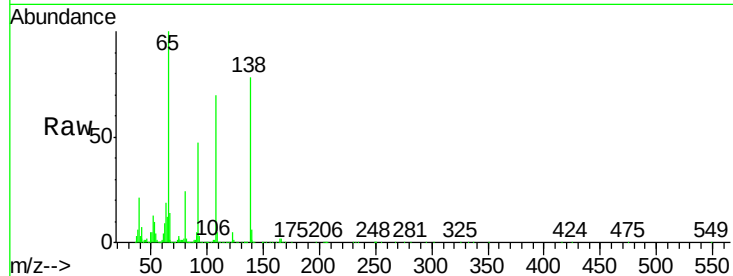
#61
4-Nitroaniline
Concen: 46.63 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.0	54.1	94.1
108	89.5	133.9	173.9#

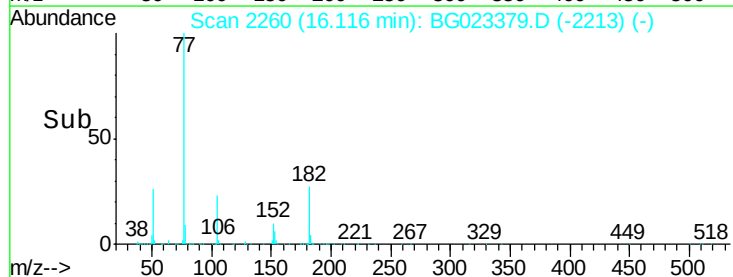
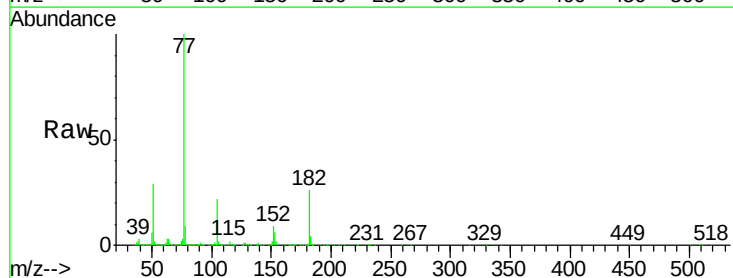
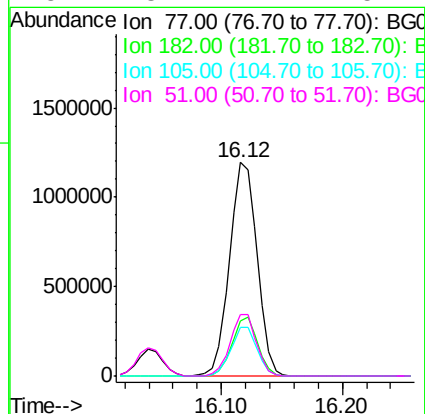
Manual Integrations
APPROVED

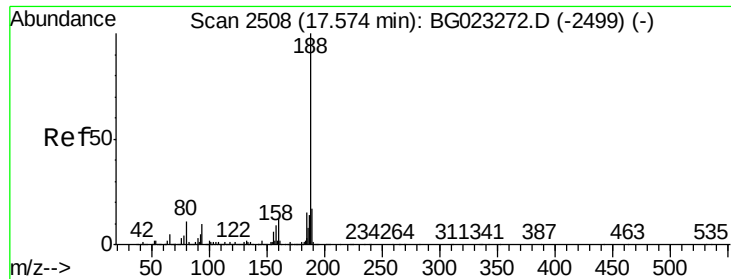
sohil
8/1/2016 7:13:32 PM



#62
Azobenzene
Concen: 42.99 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	3.5	43.5
105	22.5	0.0	38.5
51	28.7	17.1	57.1





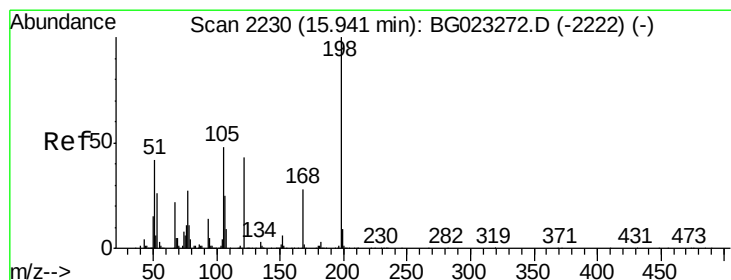
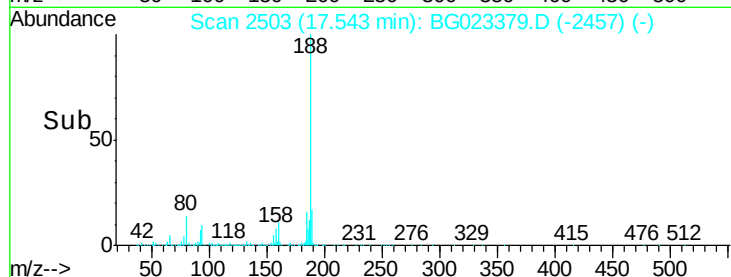
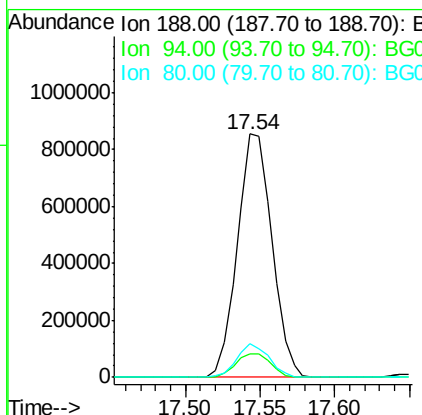
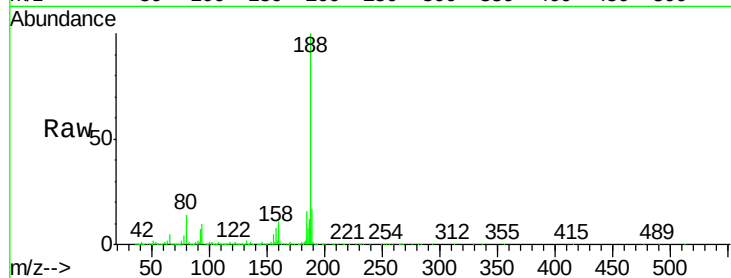
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.2	7.8#
80	13.8	7.2	10.8#

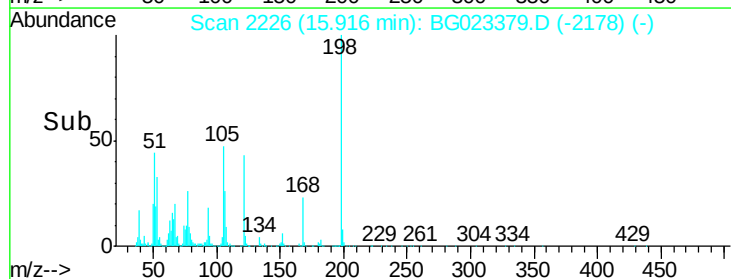
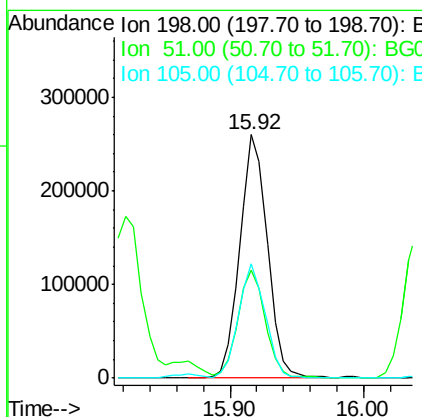
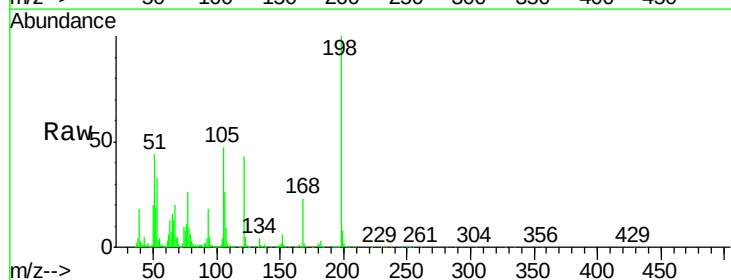
Manual Integrations
APPROVED

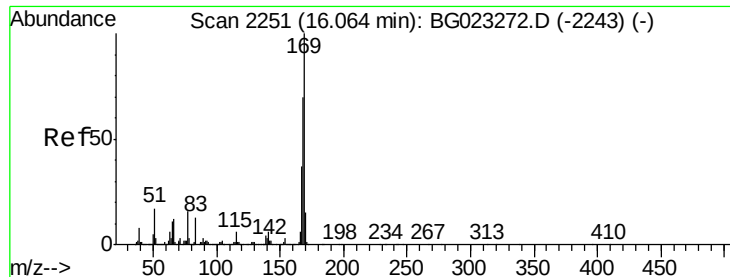
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.07 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.3	26.0	66.0
105	46.9	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 42.21 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MSD

Tgt Ion:169 Resp: 1549196

Ion Ratio Lower Upper

169 100

168 73.1 55.0 82.4

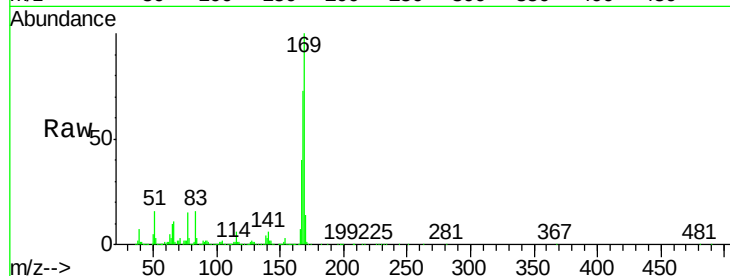
167 40.3 27.4 41.0

Manual Integrations

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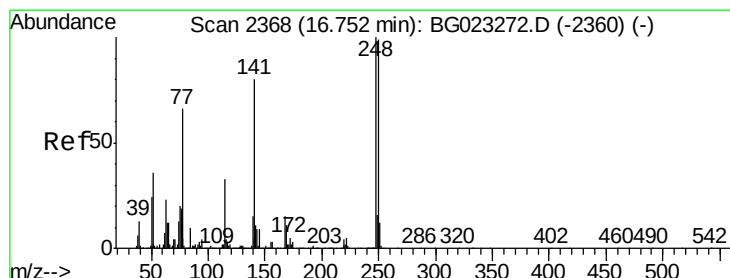
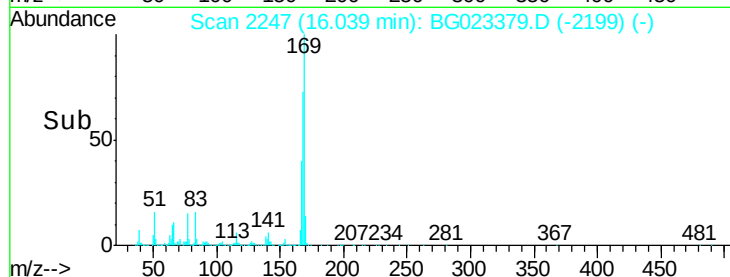
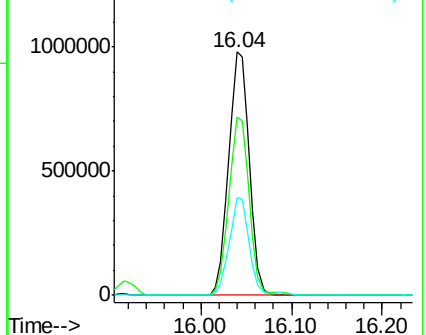
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.74 ng

RT: 16.72 min Scan# 2363

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

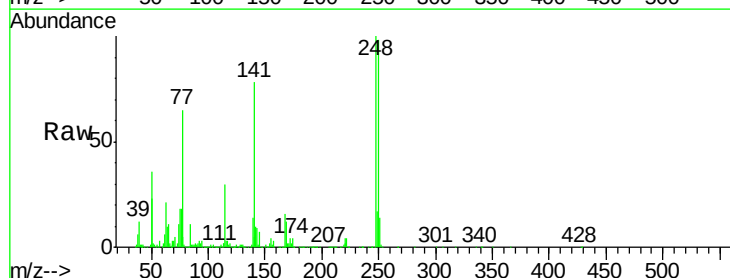
Tgt Ion:248 Resp: 608083

Ion Ratio Lower Upper

248 100

250 98.2 77.8 116.8

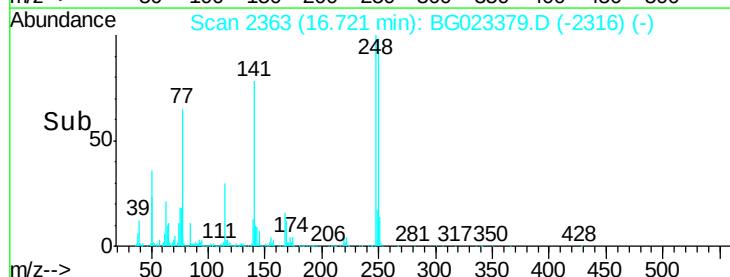
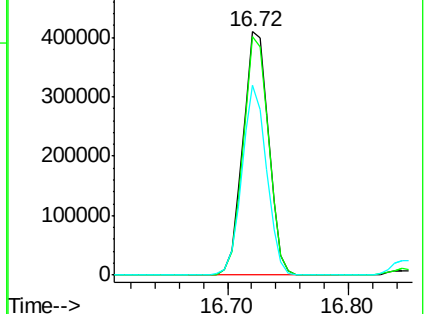
141 77.7 65.7 98.5

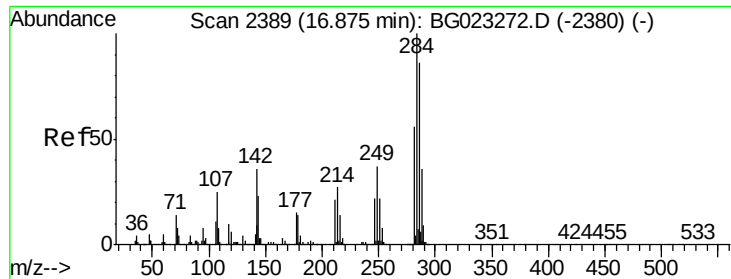


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





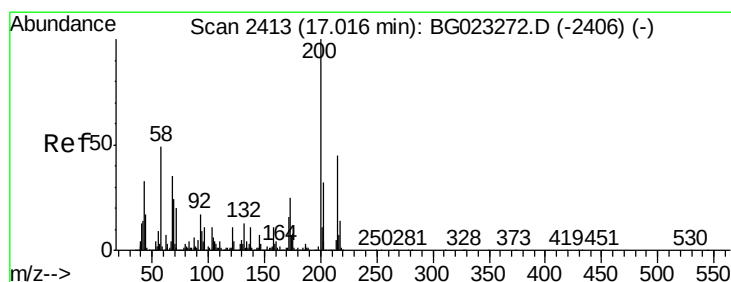
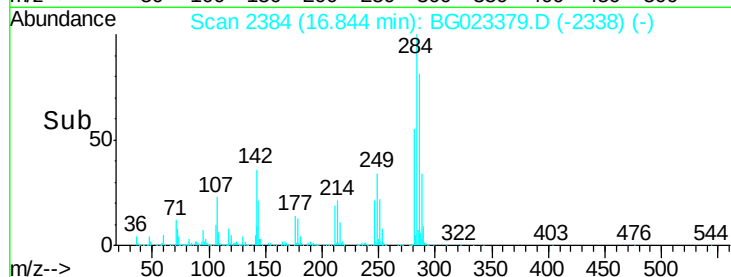
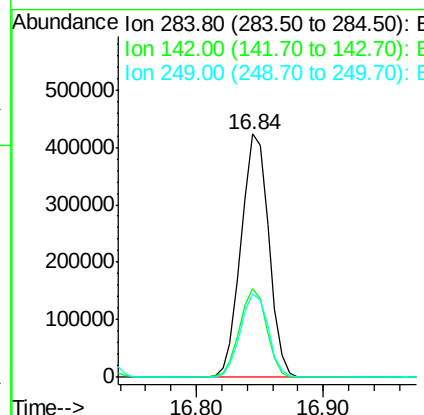
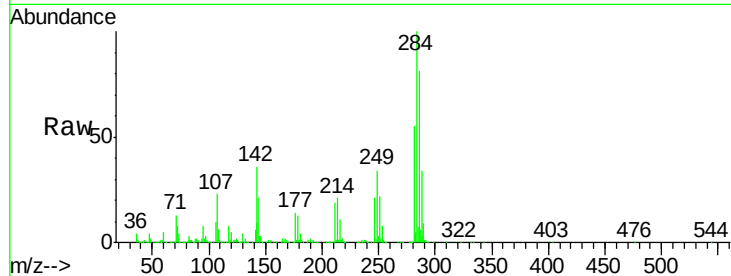
#67
Hexachlorobenzene
Concen: 45.82 ng
RT: 16.84 min Scan# 2384
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.2	26.8	40.2
249	34.5	28.9	43.3

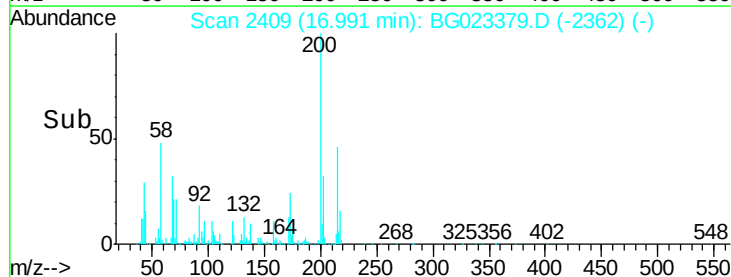
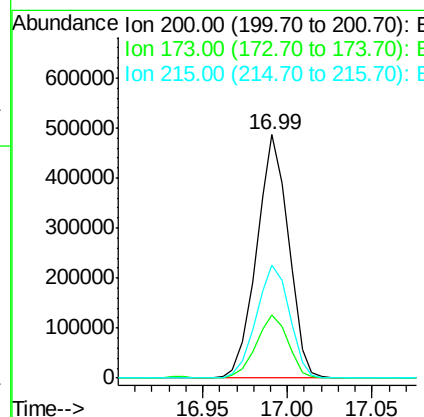
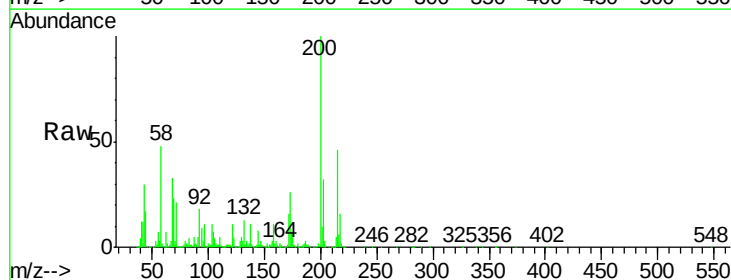
Manual Integrations
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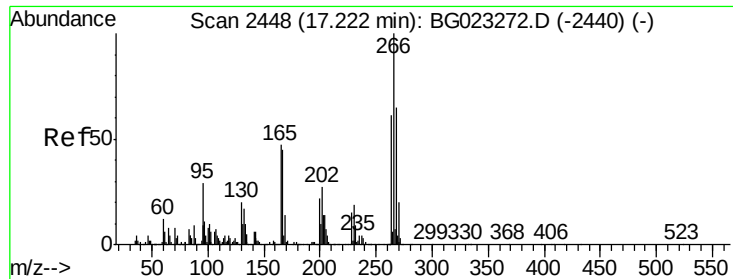
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#68
Atrazine
Concen: 45.35 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	1.6	41.6
215	46.5	28.7	68.7





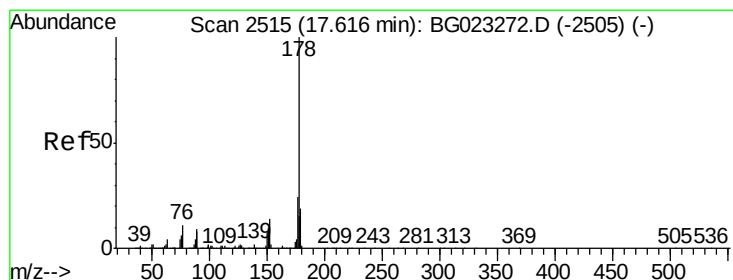
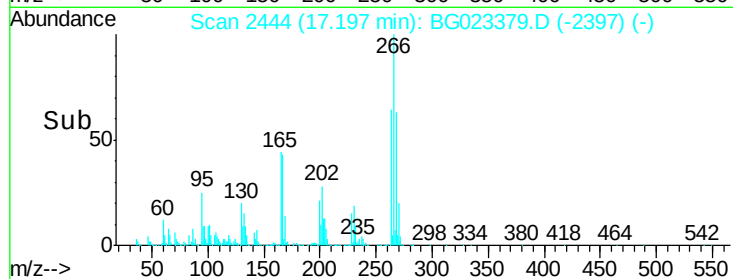
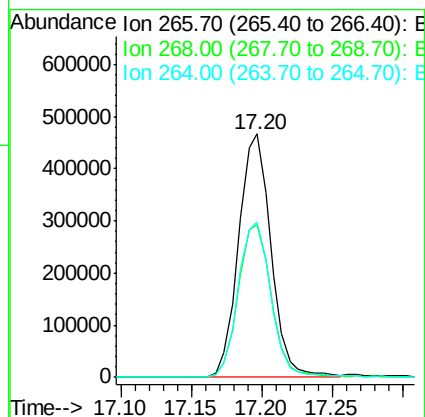
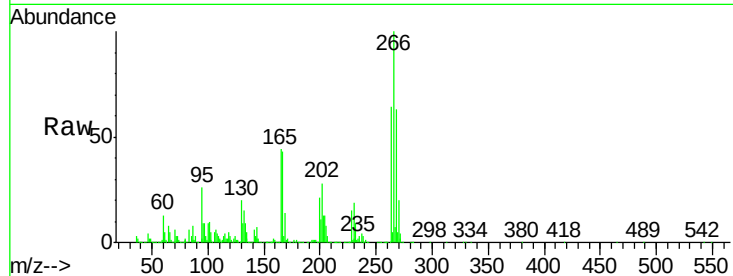
#69
 Pentachlorophenol
 Concen: 86.86 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.9	77.9
264	63.7	50.6	75.8

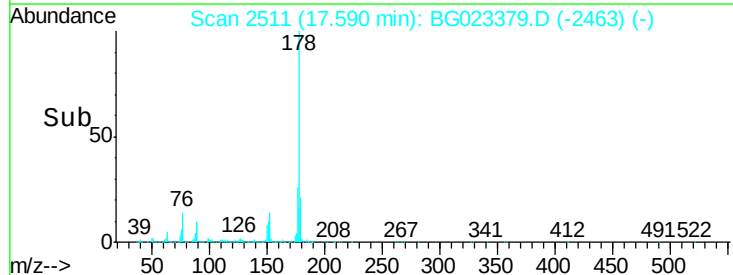
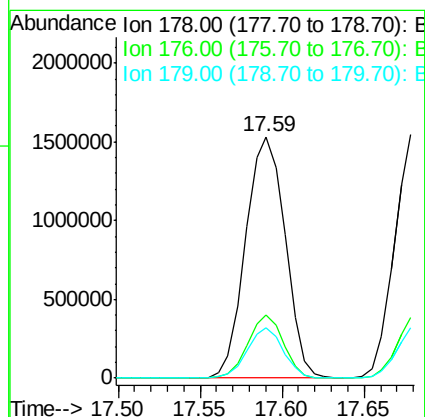
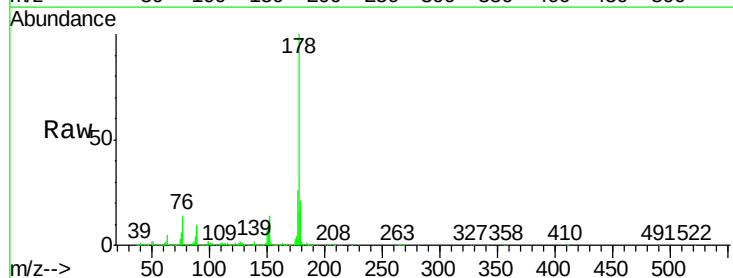
Manual Integrations
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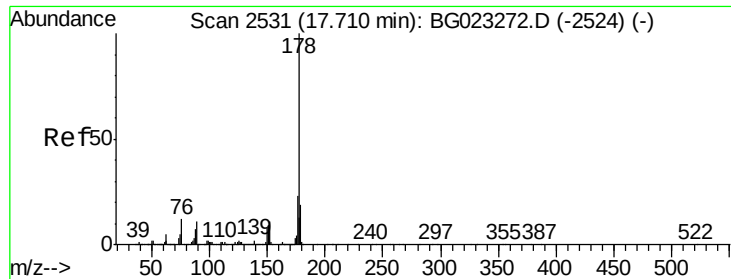
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#70
 Phenanthrene
 Concen: 42.89 ng m
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.1	16.8	25.2#
179	20.7	14.3	21.5





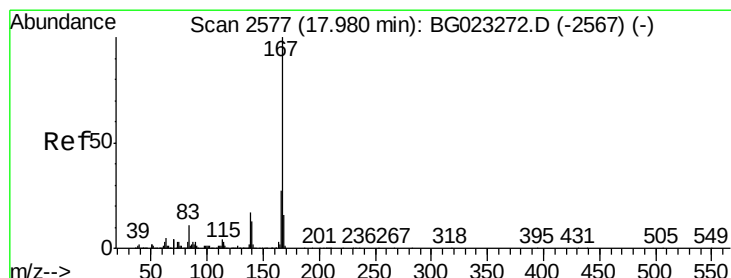
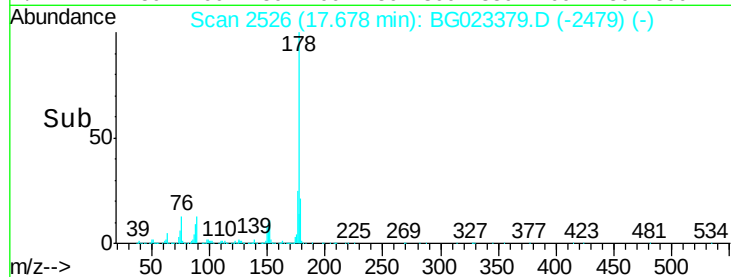
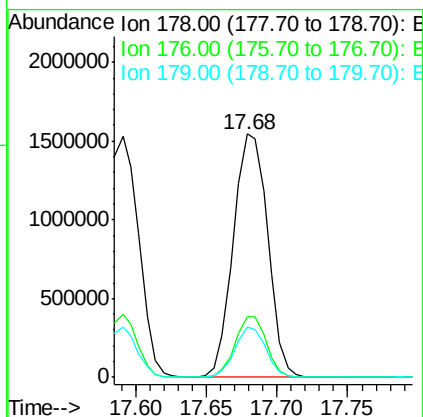
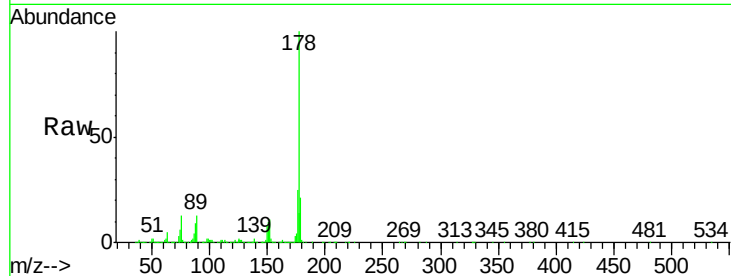
#71
 Anthracene
 Concen: 43.17 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.8	17.3	25.9
179	20.7	14.0	21.0

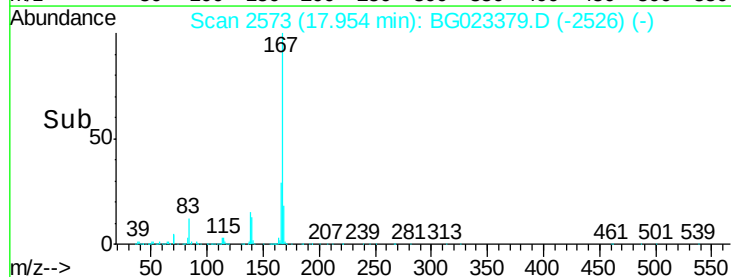
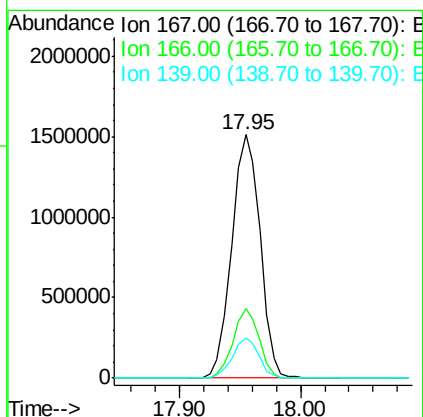
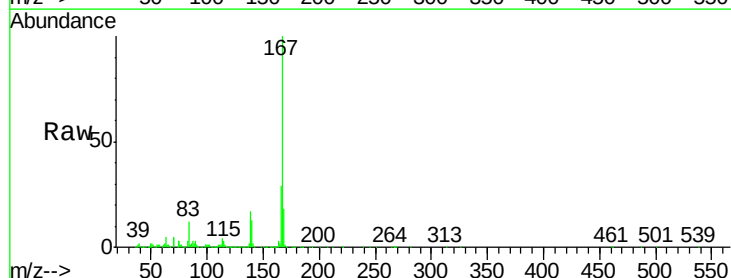
Manual Integrations
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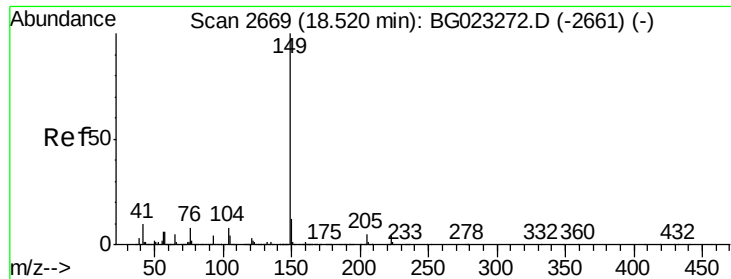
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#72
 Carbazole
 Concen: 44.41 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	28.8	20.7	31.1
139	16.5	11.9	17.9





#73

Di-n-butylphthalate

Concen: 43.09 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

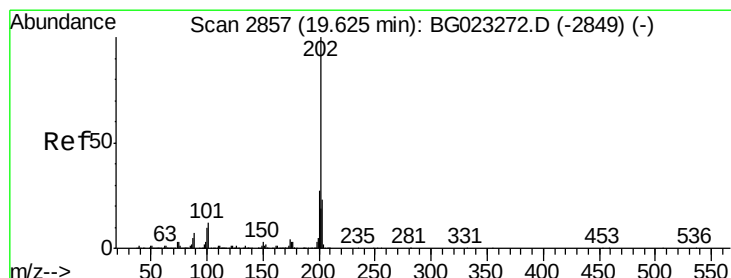
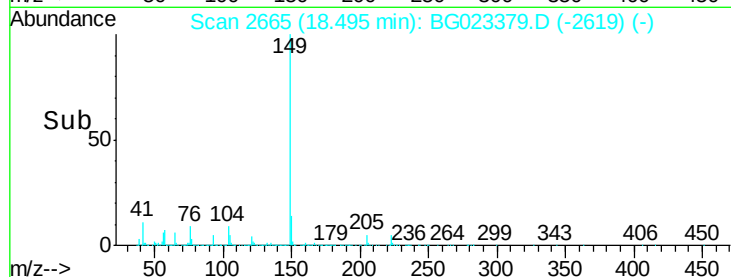
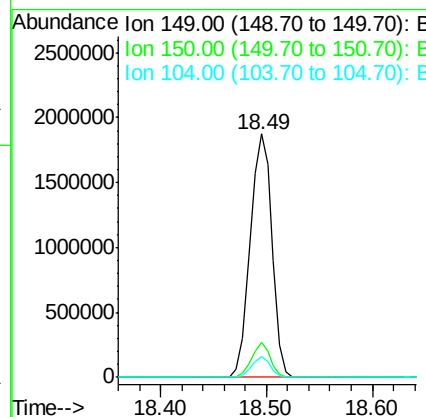
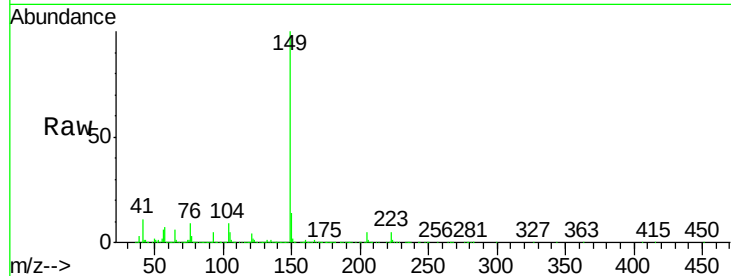
SB-32-16-17MSD

Tgt Ion:149 Resp: 2675363

Ion	Ratio	Lower	Upper
149	100		
150	14.3	9.1	13.7#
104	8.8	6.9	10.3

Manual Integrations
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#74

Fluoranthene

Concen: 40.68 ng

RT: 19.60 min Scan# 2853

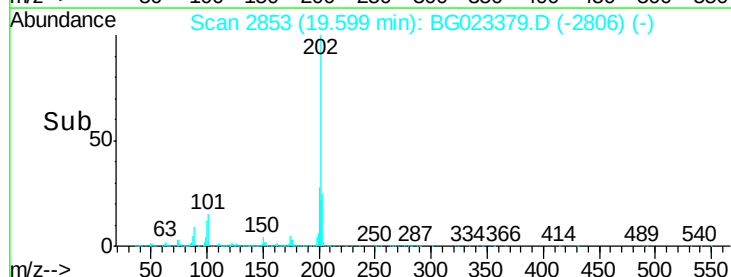
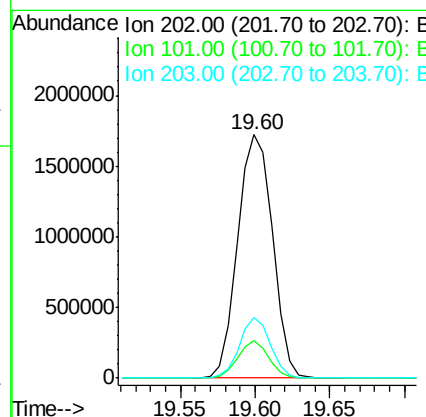
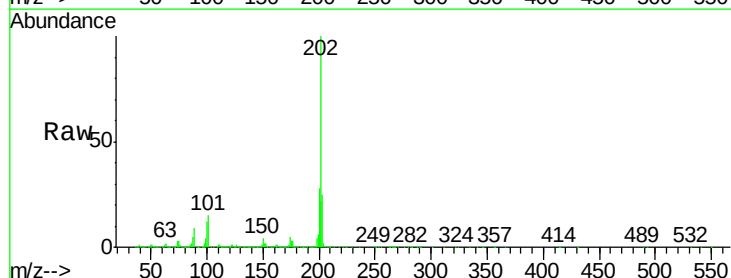
Delta R.T. -0.03 min

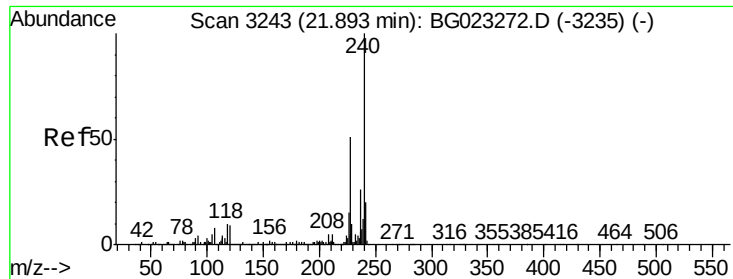
Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:202 Resp: 2791714

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	27.4
203	24.7	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MSD

Tgt Ion:240 Resp: 1133038

Ion Ratio Lower Upper

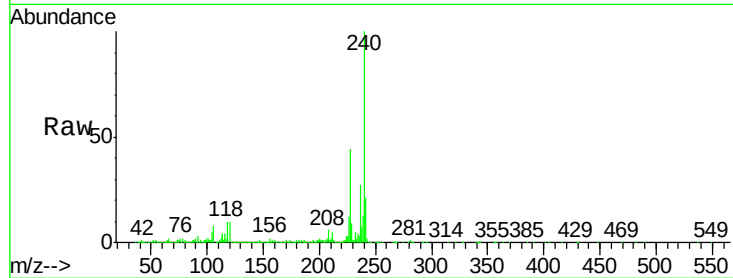
240 100

120 10.3 4.1 6.1#

236 27.4 21.1 31.7

Manual Integrations
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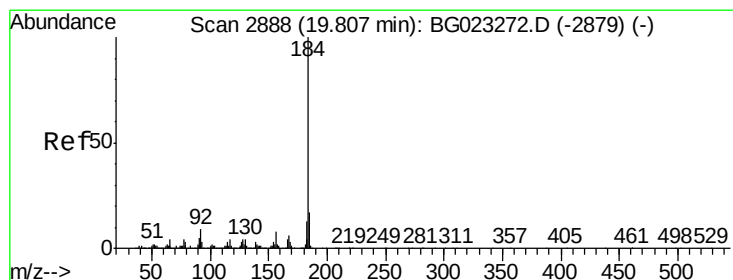
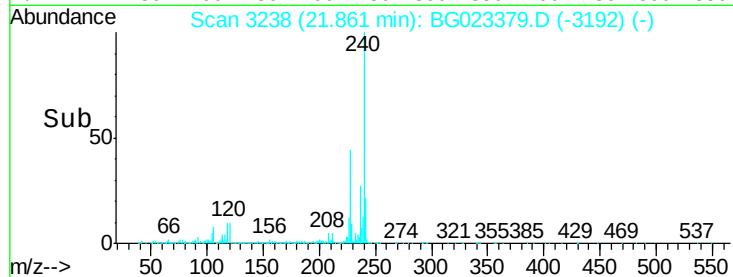
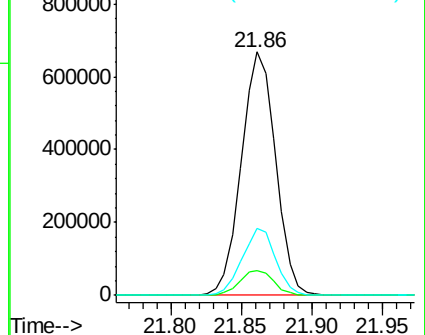
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 59.07 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

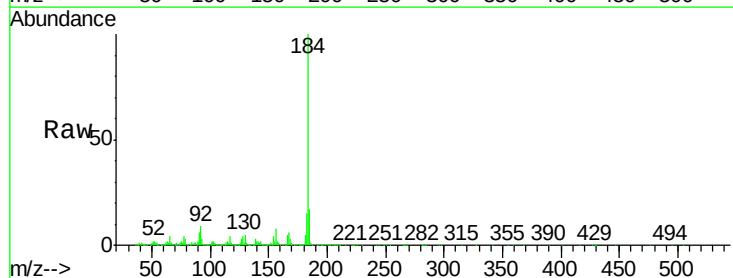
Tgt Ion:184 Resp: 1882429

Ion Ratio Lower Upper

184 100

185 16.6 12.6 19.0

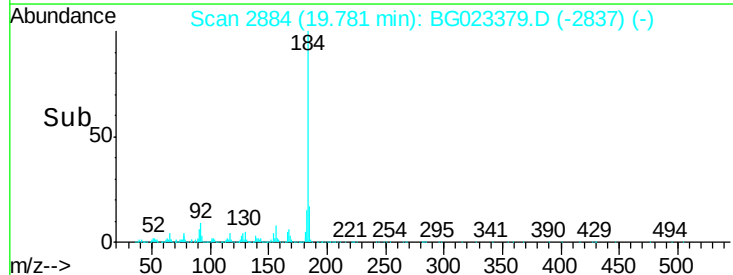
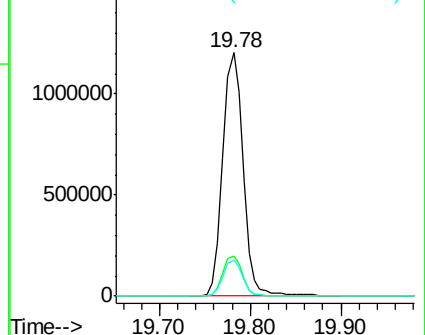
183 14.8 10.7 16.1

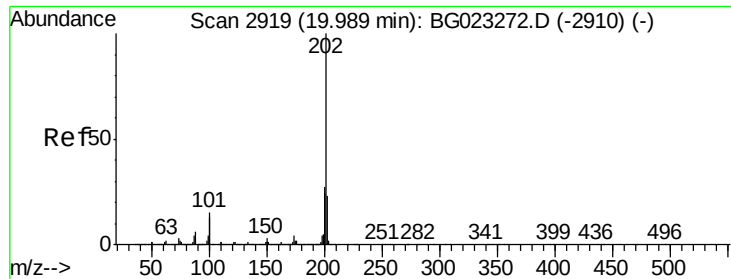


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





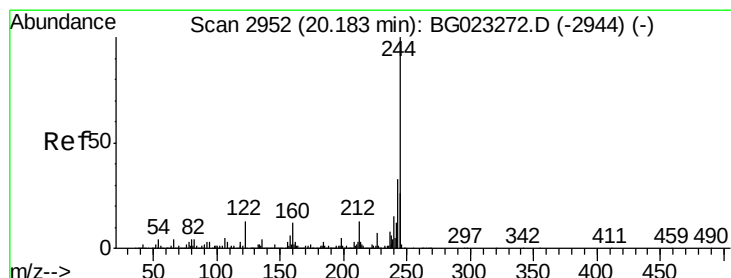
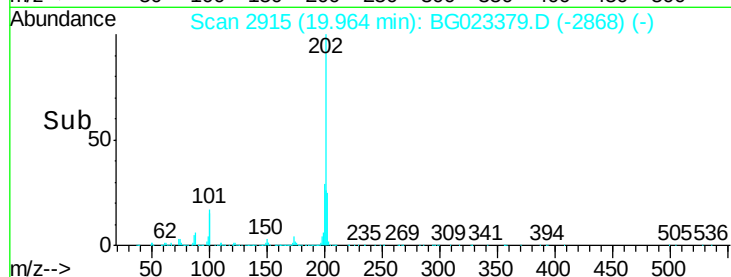
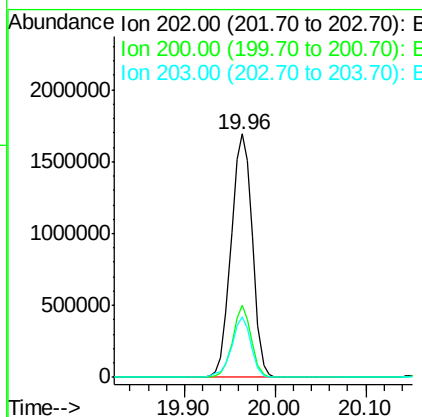
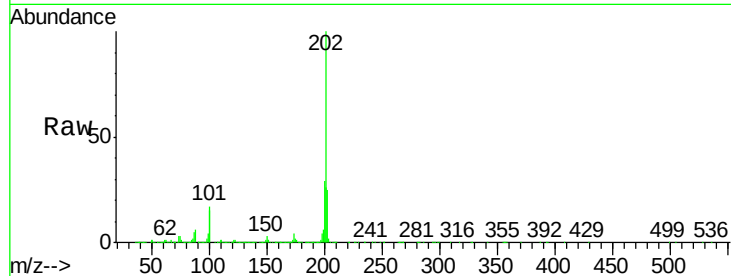
#77
Pyrene
 Concen: 42.92 ng
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	29.4	21.2	31.8
203	24.9	16.8	25.2

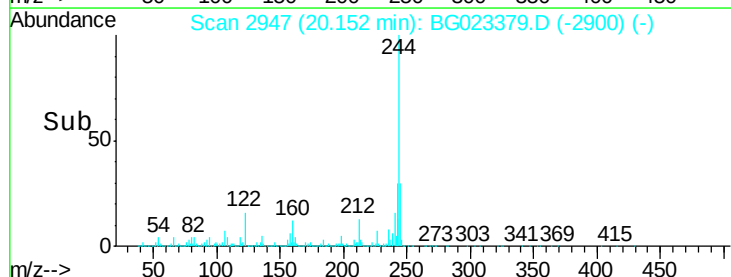
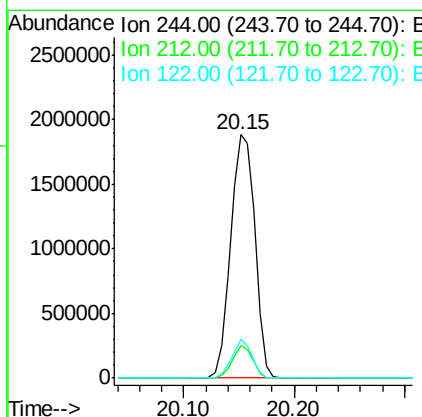
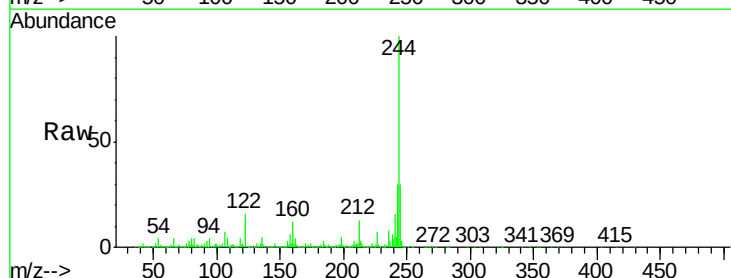
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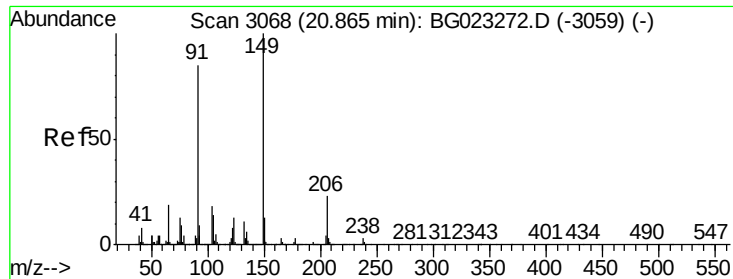
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#78
Terphenyl-d14
 Concen: 83.16 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	16.1	8.0	12.0#





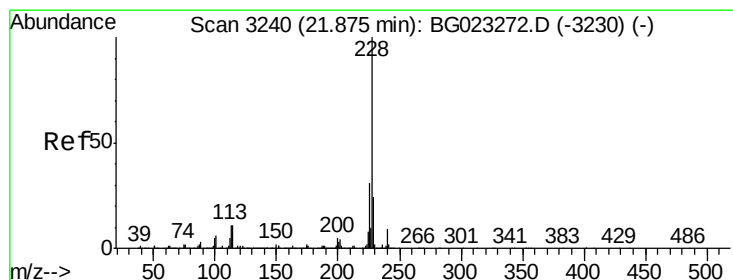
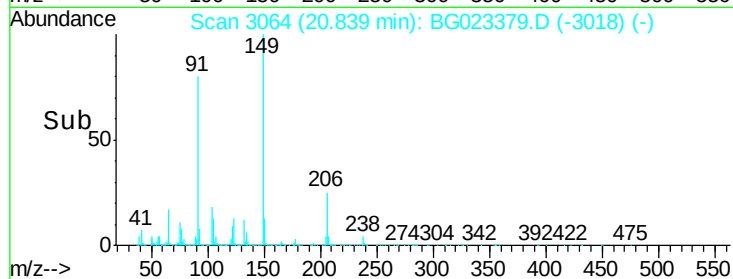
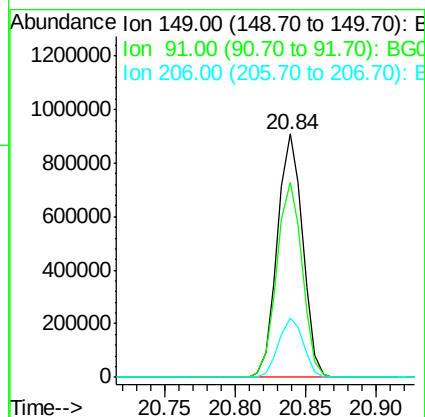
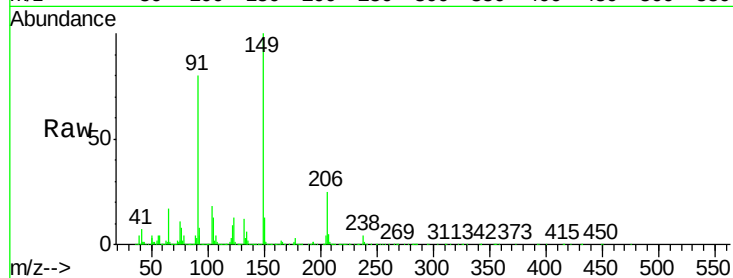
#79
Butylbenzylphthalate
Concen: 40.45 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.1	68.1	102.1
206	24.6	19.8	29.6

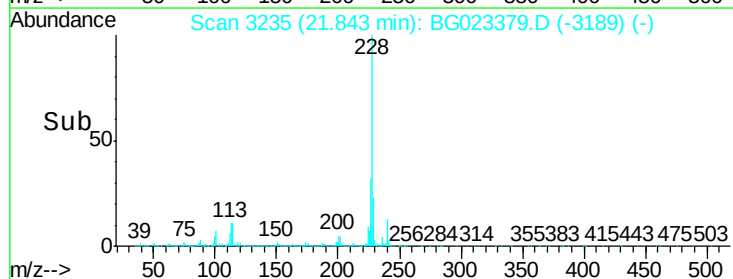
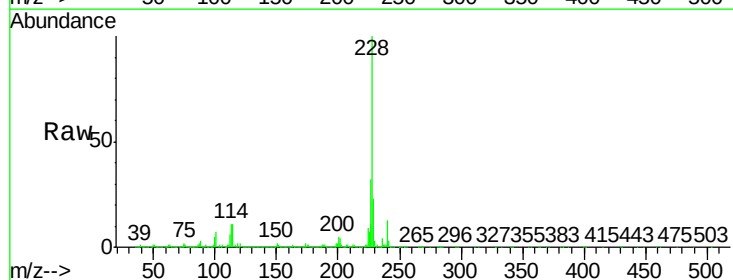
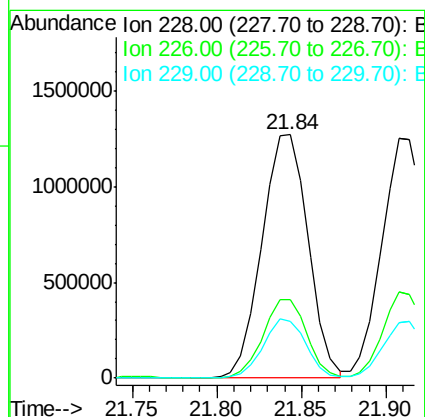
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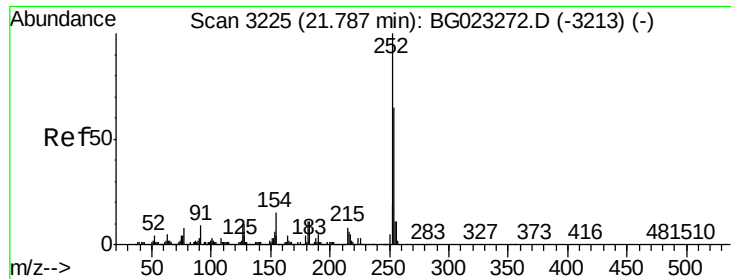
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#80
Benzo(a)anthracene
Concen: 40.36 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.3	37.9
229	23.4	19.9	29.9





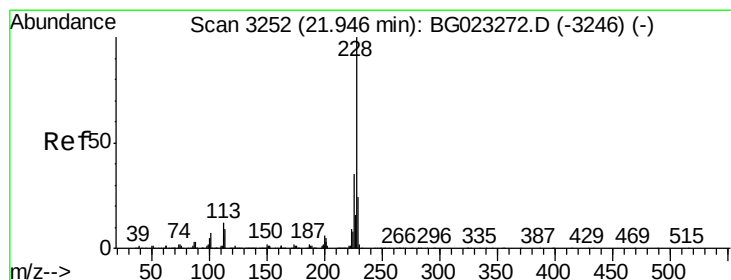
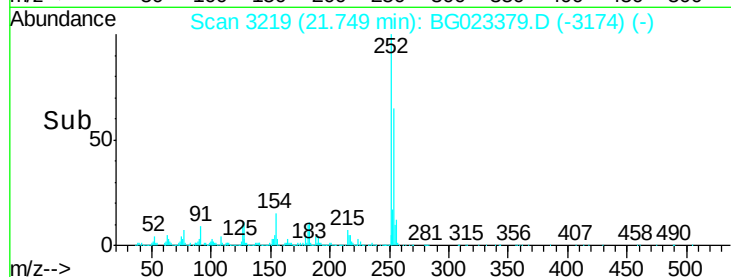
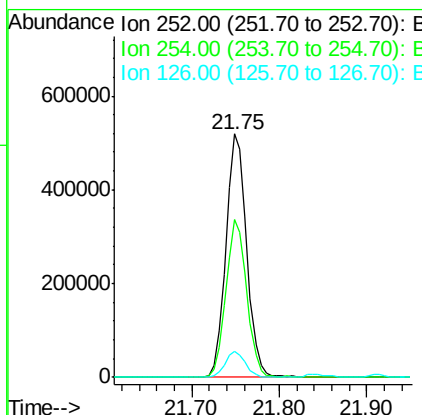
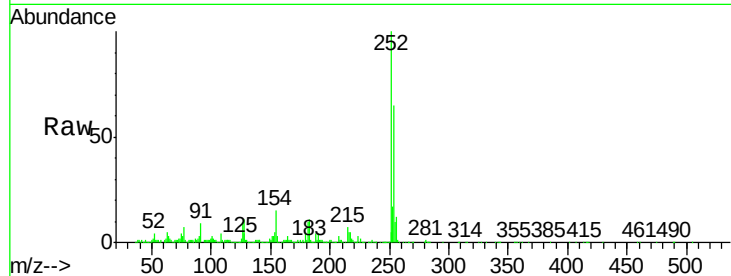
#81
 3,3'-Dichlorobenzidine
 Concen: 35.17 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	10.5	5.3	7.9

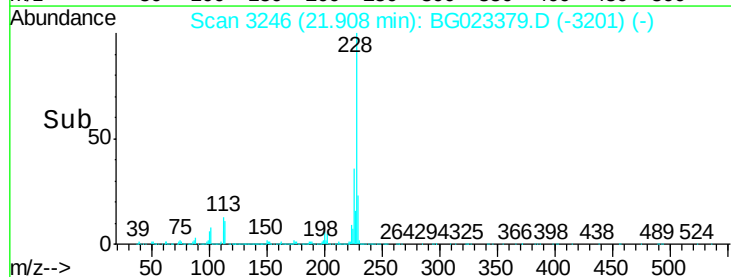
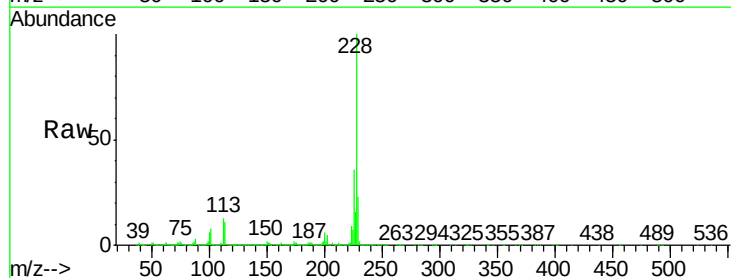
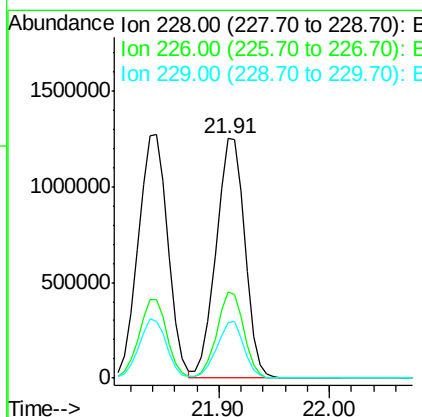
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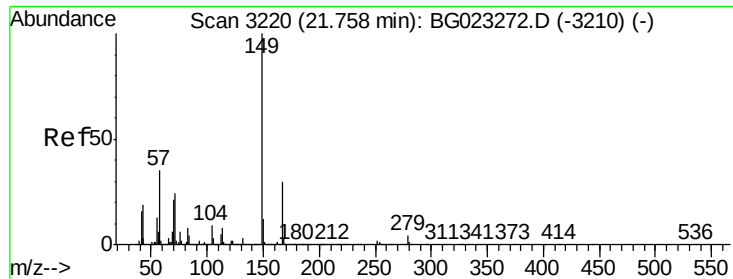
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#82
 Chrysene
 Concen: 39.53 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	26.7	40.1
229	23.3	17.4	26.2





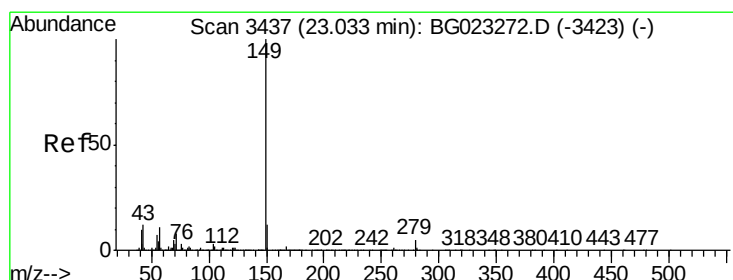
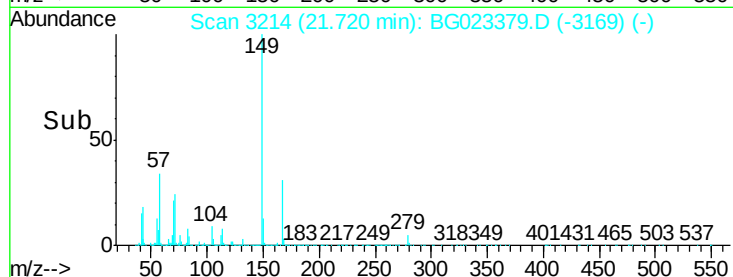
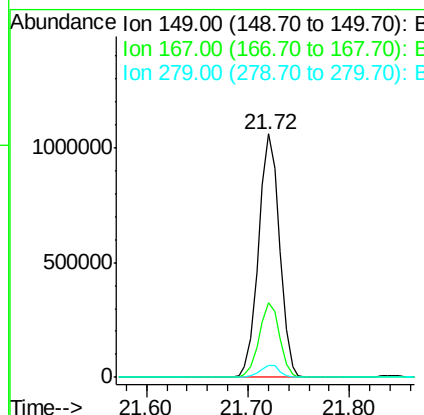
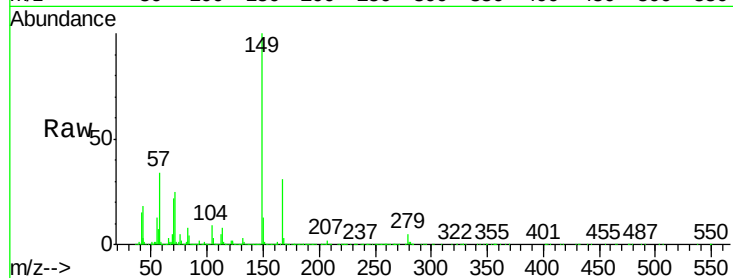
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.46 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.0	36.0
279	4.9	4.8	7.2

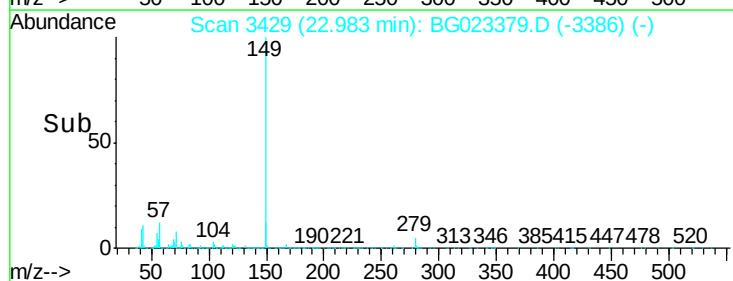
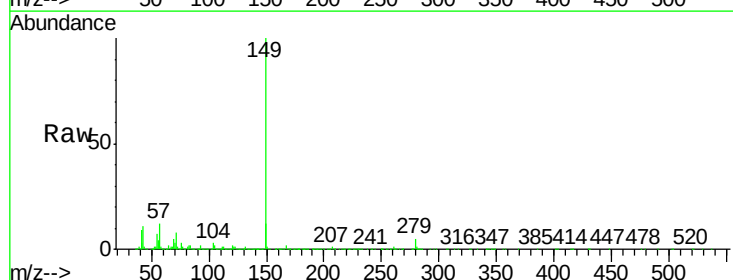
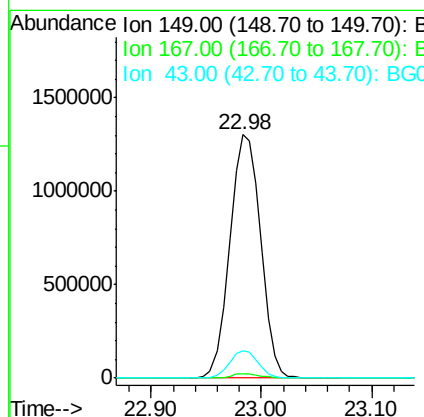
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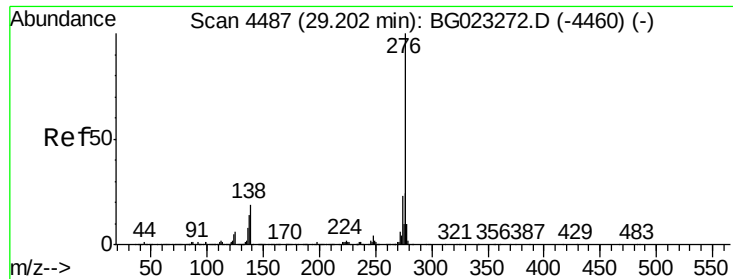
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#84
 Di-n-octyl phthalate
 Concen: 39.15 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. -0.05 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.6	8.8	13.2





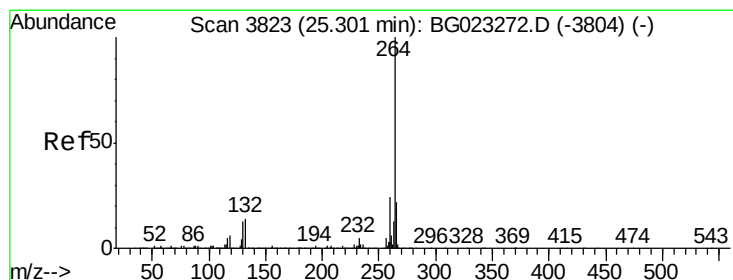
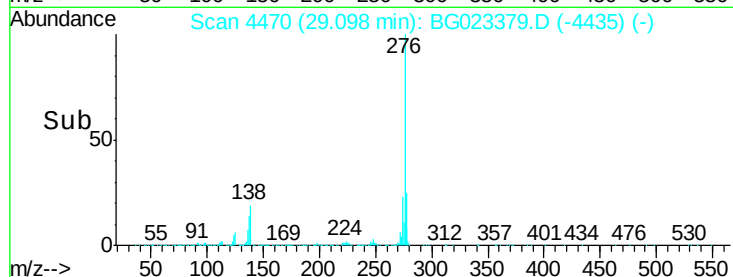
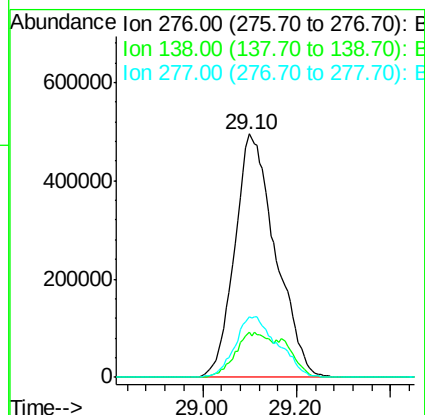
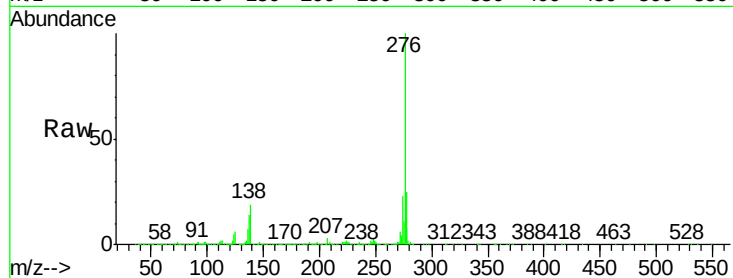
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.49 ng
RT: 29.10 min Scan# 4470
Delta R.T. -0.09 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	0.0	0.0#
277	26.2	0.0	0.0#

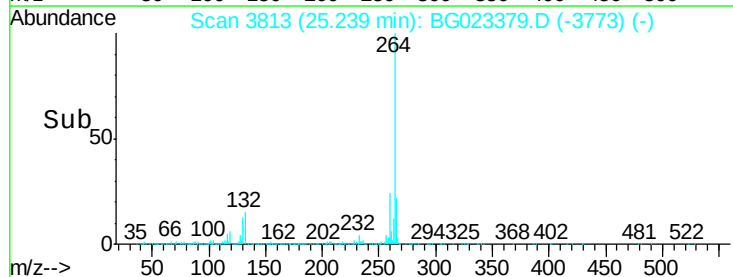
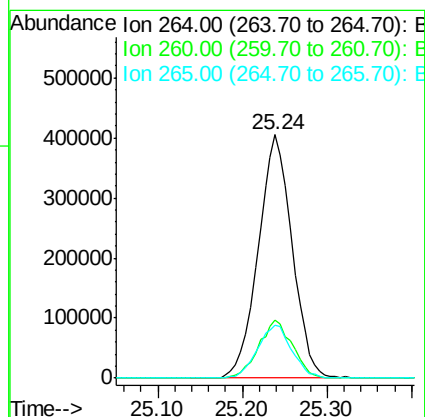
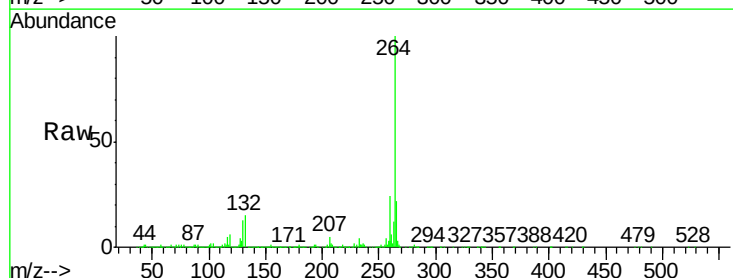
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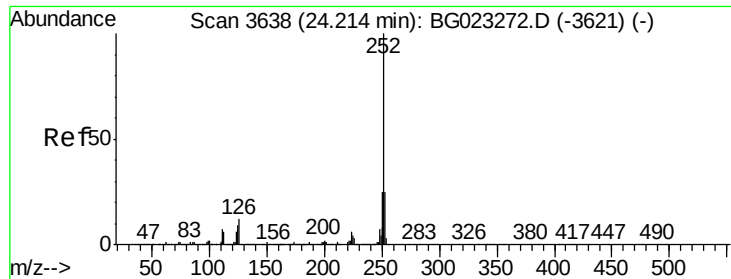
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.06 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.9	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 42.37 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.05 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

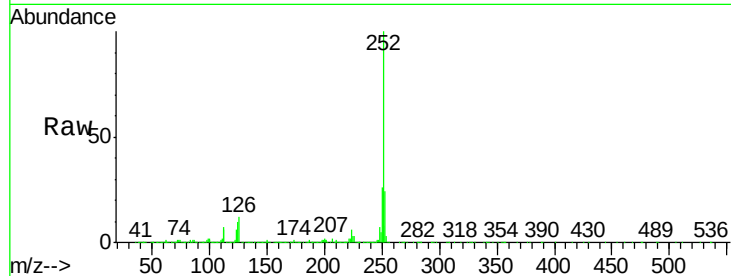
ClientSampleId :

SB-32-16-17MSD

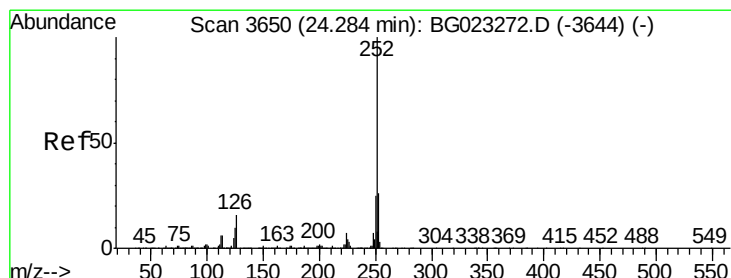
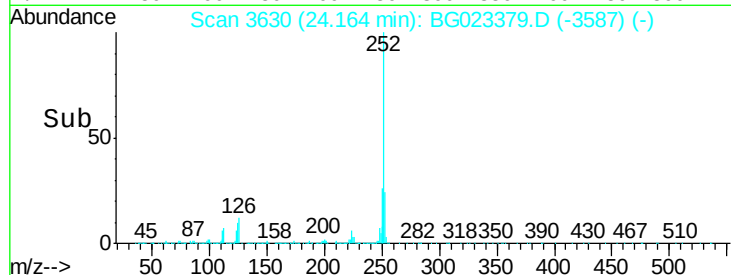
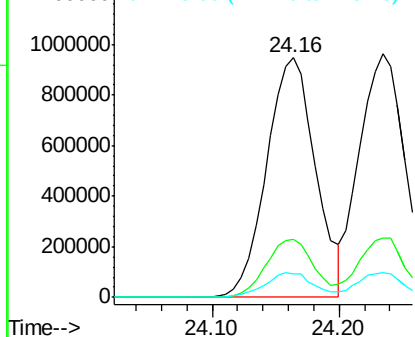
Tgt Ion:	252	Resp:	2537075
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.9	28.3
125	9.6	3.9	5.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.93 ng

RT: 24.23 min Scan# 3642

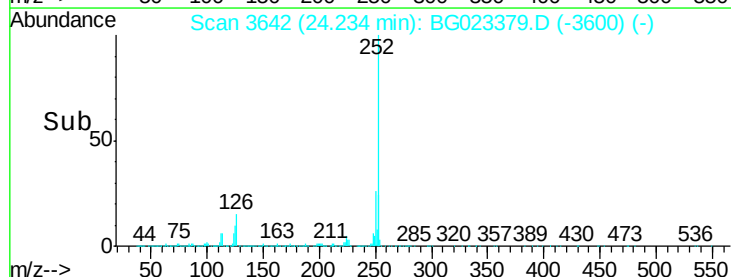
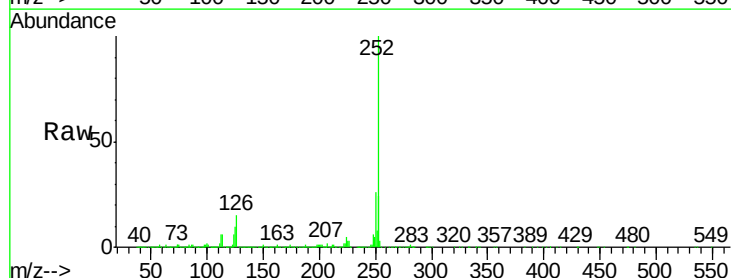
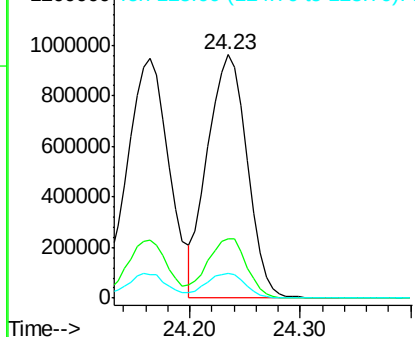
Delta R.T. -0.05 min

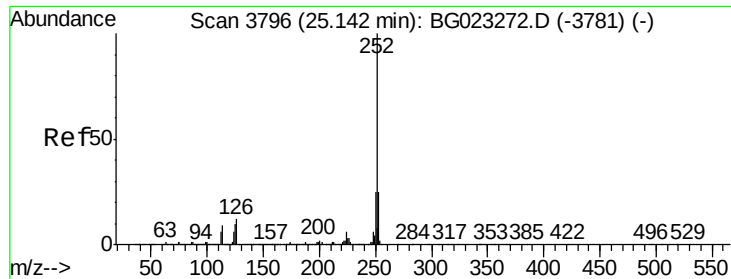
Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	252	Resp:	2390242
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.8	28.2
125	10.1	3.2	4.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 25.08 min Scan# 3786

Delta R.T. -0.05 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

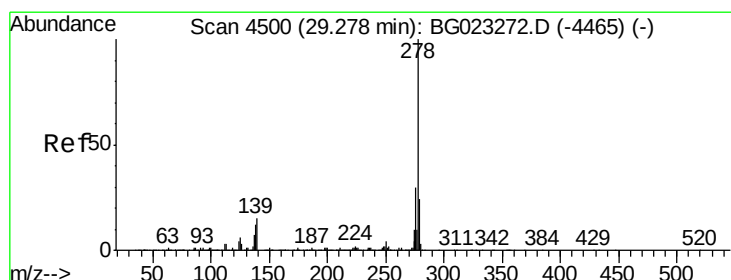
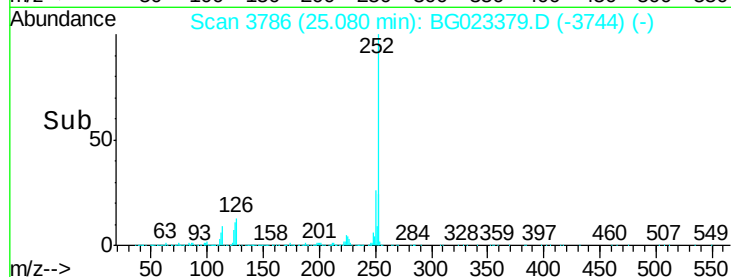
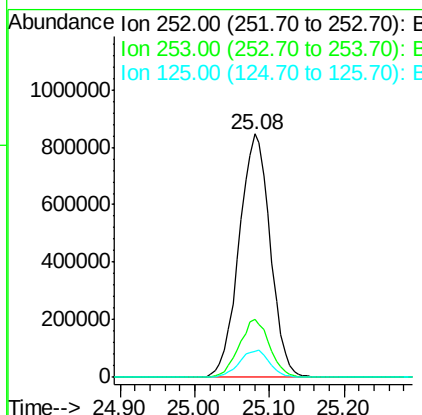
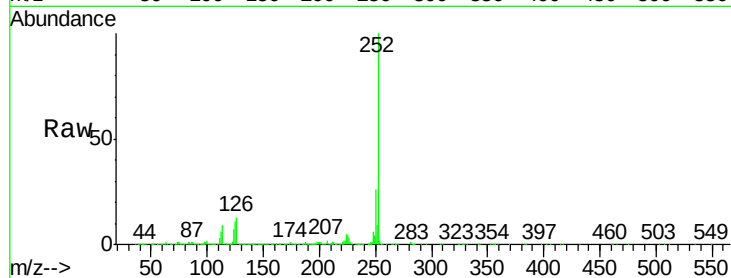
ClientSampleId :

SB-32-16-17MSD

Tgt Ion:	252	Resp:	2441007
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.7	28.1
125	10.6	3.9	5.9#

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#90

Dibenzo(a,h)anthracene

Concen: 44.16 ng

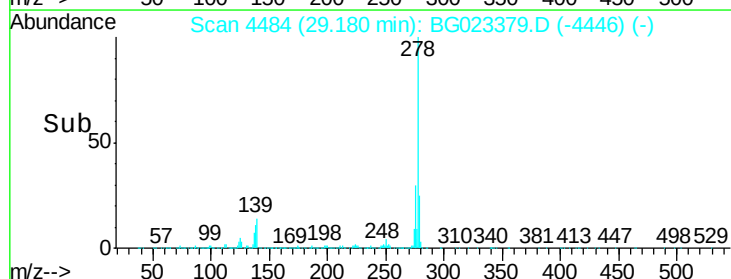
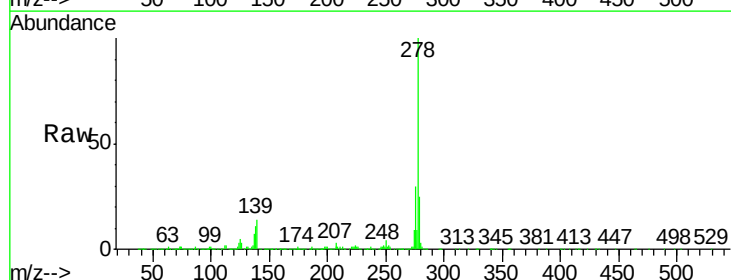
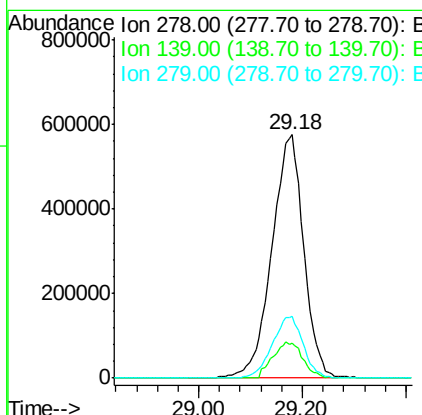
RT: 29.18 min Scan# 4484

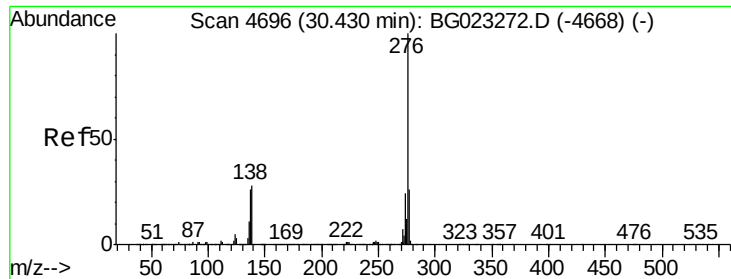
Delta R.T. -0.08 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:	278	Resp:	2450783
Ion Ratio	Lower	Upper	
278	100		
139	14.5	4.7	7.1#
279	25.2	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 41.94 ng
 RT: 30.33 min Scan# 4679
 Delta R.T. -0.09 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MSD

Tgt Ion:	276	Resp:	2450584
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	27.8
138	19.5	6.8	10.2#

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