

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016327.D
 Acq On : 13 Aug 2018 16:10
 Operator : SJ/JU
 Sample : J4405-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Manual Integrations
 APPROVED

Sohil
 8/14/2018 4:27:41 PM

Quant Time: Aug 14 04:37:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29150	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	104410	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	53693	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	104438	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	132143	20.00	ng	-0.02
86) Perylene-d12	23.95	264	139484	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	229900	131.01	ng	0.00
7) Phenol-d6	7.30	99	241311	105.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	237666	105.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	90401	132.75	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	445665	100.99	ng	-0.01
78) Terphenyl-d14	20.07	244	668873	105.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	33752	41.051	ng	# 100
3) Pyridine	3.90	79	45361	22.902	ng	# 70
4) n-Nitrosodimethylamine	3.80	42	80136	51.872	ng	# 26
6) Aniline	7.46	93	35618	13.498	ng	# 89
8) 2-Chlorophenol	7.69	128	82415	39.516	ng	93
9) Benzaldehyde	7.27	77	29529	18.339	ng	89
10) Phenol	7.32	94	73605	32.120	ng	86
11) bis(2-Chloroethyl)ether	7.55	93	69972	38.652	ng	90
12) 1,3-Dichlorobenzene	8.00	146	93915	38.470	ng	# 85
13) 1,4-Dichlorobenzene	8.16	146	93876	37.916	ng	# 90
14) 1,2-Dichlorobenzene	8.47	146	93083	38.422	ng	# 93
15) Benzyl Alcohol	8.38	79	70801	38.800	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.65	45	93147	33.619	ng	95
17) 2-Methylphenol	8.58	107	59625	38.068	ng	# 78
18) Hexachloroethane	9.19	117	48133	44.974	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	63939	38.172	ng	# 71
20) 3+4-Methylphenols	8.92	107	76436	33.919	ng	# 84
22) Acetophenone	8.97	105	126456	48.100	ng	# 76
24) Nitrobenzene	9.35	77	107927	47.764	ng	92
25) Isophorone	9.87	82	162647	52.969	ng	# 92
26) 2-Nitrophenol	10.06	139	40538	42.977	ng	# 38
27) 2,4-Dimethylphenol	10.12	122	67317	51.225	ng	# 77
28) bis(2-Chloroethoxy)methane	10.35	93	89431	44.811	ng	99
29) 2,4-Dichlorophenol	10.60	162	70058	44.864	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	84709	44.646	ng	# 96
31) Naphthalene	10.99	128	250934	47.487	ng	99
32) Benzoic acid	10.30	122	33989	33.929	ng	# 83
33) 4-Chloroaniline	11.12	127	18998	8.810	ng	# 88
34) Hexachlorobutadiene	11.24	225	67814	51.527	ng	95
35) Caprolactam	11.93	113	12436m	28.753	ng	
36) 4-Chloro-3-methylphenol	12.24	107	74657	43.467	ng	# 84
37) 2-Methylnaphthalene	12.59	142	176745	49.930	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	93100	50.931	ng	# 100
40) Hexachlorocyclopentadiene	12.91	237	56561	64.664	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	54275	47.457	ng	96
43) 2,4,5-Trichlorophenol	13.29	196	54307	46.035	ng	# 82
45) 1,1'-Biphenyl	13.59	154	217900	44.968	ng	98
46) 2-Chloronaphthalene	13.64	162	166612	44.208	ng	# 88
47) 2-Nitroaniline	13.87	65	55832	44.809	ng	# 83
48) Acenaphthylene	14.49	152	262260	47.534	ng	98
49) Dimethylphthalate	14.22	163	217182	46.219	ng	99
50) 2,6-Dinitrotoluene	14.36	165	40650	42.995	ng	# 27
51) Acenaphthene	14.82	154	151469	44.638	ng	92
52) 3-Nitroaniline	14.69	138	23406	22.920	ng	# 74
53) 2,4-Dinitrophenol	14.92	184	26427	66.235	ng	# 60
54) Dibenzofuran	15.16	168	248220	44.391	ng	# 76
55) 4-Nitrophenol	15.01	139	44147	60.305	ng	91
56) 2,4-Dinitrotoluene	15.15	165	60251	44.569	ng	# 59
57) Fluorene	15.80	166	195133	46.961	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	47173	46.522	ng	# 100
59) Diethylphthalate	15.56	149	231127	45.634	ng	# 93
60) 4-Chlorophenyl-phenylether	15.79	204	102982	44.520	ng	# 80
61) 4-Nitroaniline	15.86	138	35234	35.961	ng	# 1
62) Azobenzene	16.08	77	264760	49.636	ng	# 70
64) 4,6-Dinitro-2-methylphenol	15.92	198	22085	34.839	ng	# 79
65) n-Nitrosodiphenylamine	16.01	169	159234	46.303	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	57625	48.727	ng	# 69
67) Hexachlorobenzene	16.80	284	56021	43.016	ng	# 48
68) Atrazine	16.95	200	58499	47.462	ng	94
69) Pentachlorophenol	17.15	266	55843	69.247	ng	96
70) Phenanthrene	17.53	178	280688	48.005	ng	98
71) Anthracene	17.63	178	285557	50.250	ng	98
72) Carbazole	17.90	167	250325	42.521	ng	# 95
73) Di-n-butylphthalate	18.42	149	365038	49.760	ng	# 95
74) Fluoranthene	19.53	202	333233	51.092	ng	98
76) Benzidine	19.72	184	53277	14.428	ng	98
77) Pyrene	19.89	202	342266	43.221	ng	97
79) Butylbenzylphthalate	20.75	149	180351	44.832	ng	# 76
80) Benzo(a)anthracene	21.61	228	398577	48.972	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	94557	28.844	ng	98
82) Chrysene	21.66	228	376608	48.238	ng	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	262474	45.020	ng	92
84) Di-n-octyl phthalate	22.39	149	482727	49.264	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.34	276	492215	53.129	ng	97
87) Benzo(b)fluoranthene	23.25	252	421452	51.318	ng	# 93
88) Benzo(k)fluoranthene	23.30	252	396122	47.594	ng	# 96
89) Benzo(a)pyrene	23.86	252	398710	50.502	ng	98
90) Dibenzo(a,h)anthracene	26.34	278	421508	51.531	ng	# 93
91) Benzo(g,h,i)perylene	27.07	276	385888	49.879	ng	# 91

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

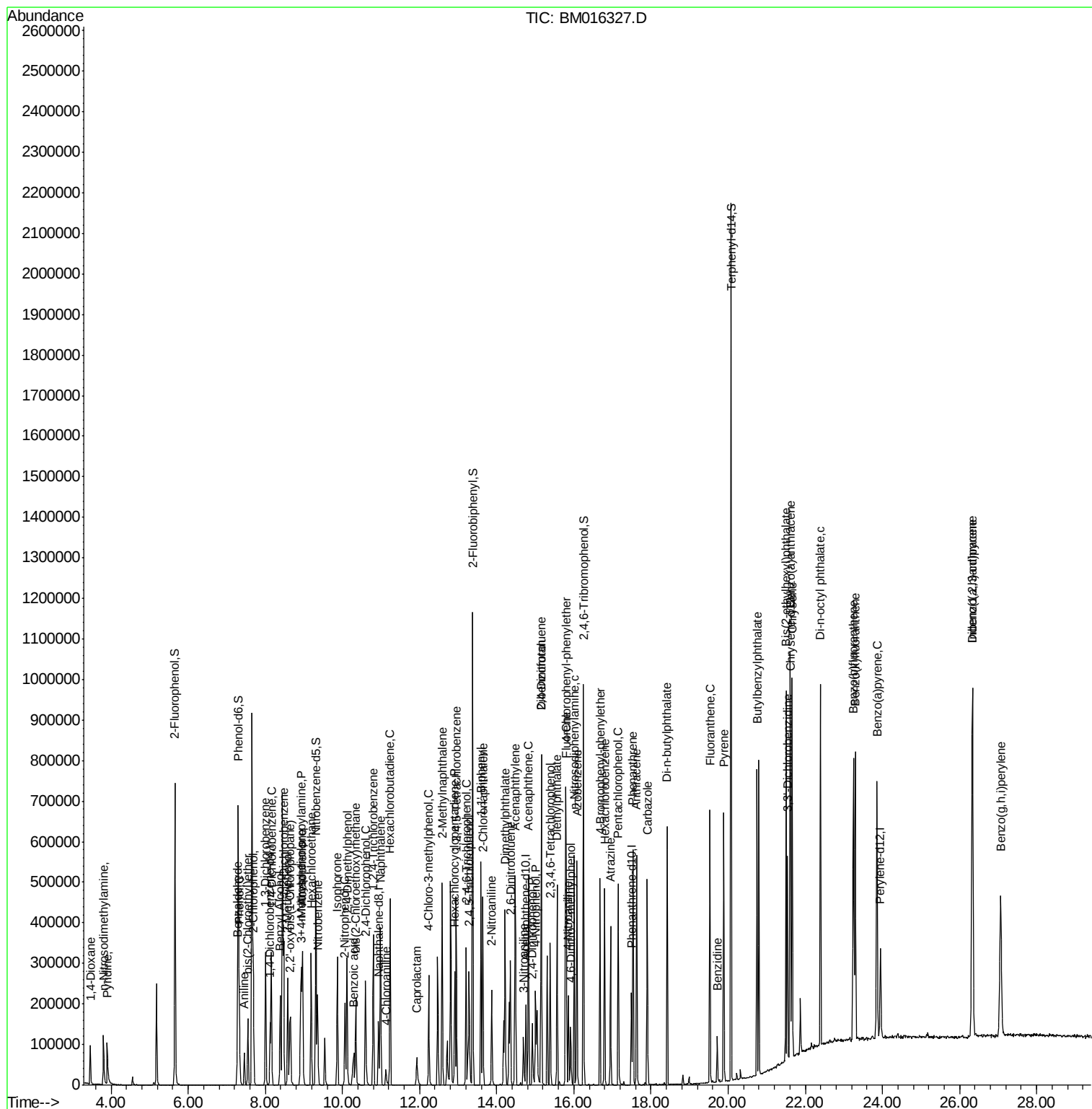
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
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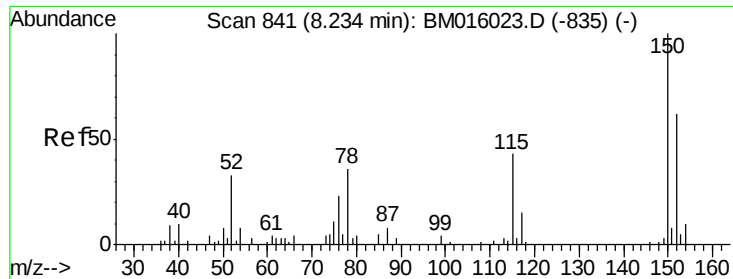
Instrument :
BNA_M
ClientSampled :
EXCAVATION-SOILMS

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#1

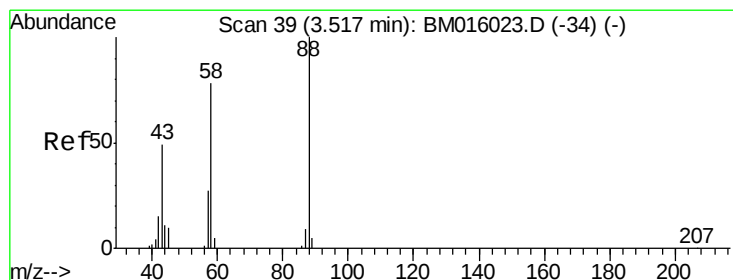
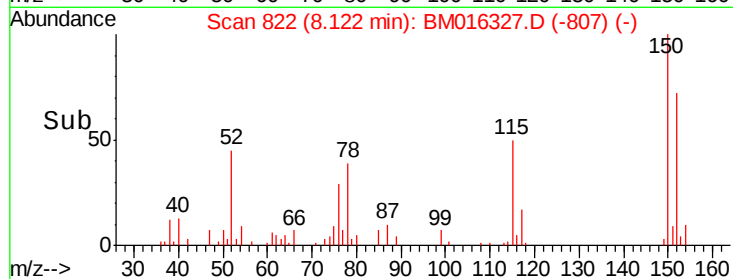
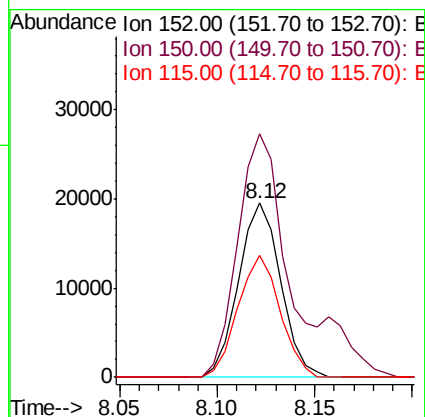
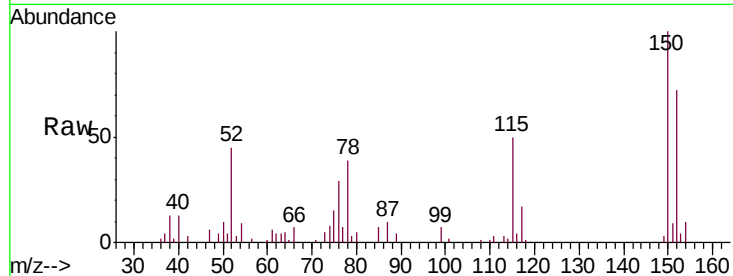
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	69.6	43.0	64.4

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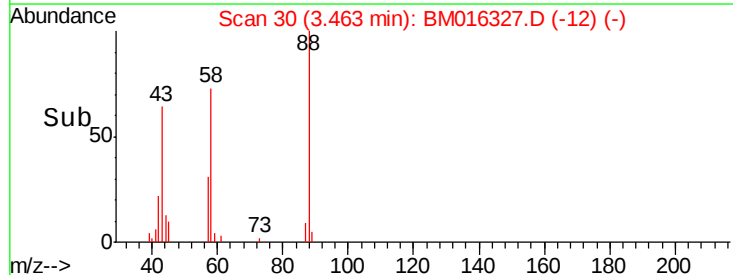
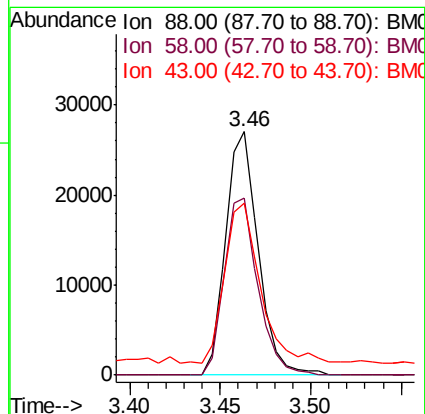
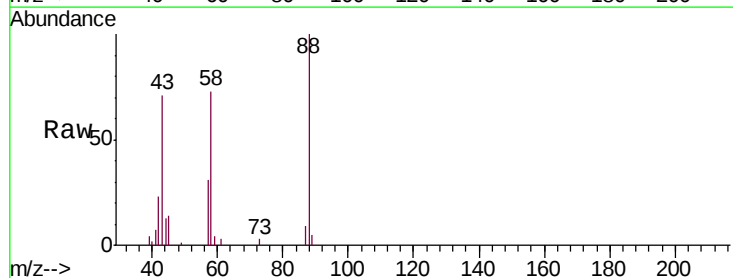
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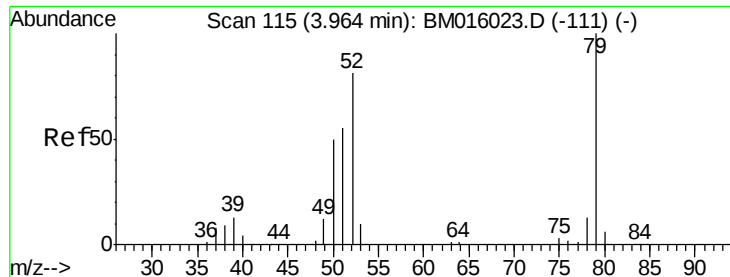


#2

1,4-Dioxane
Concen: 41.051 ng
RT: 3.46 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	0.0	0.0
43	72.5	0.0	0.0





#3

Pyridine

Concen: 22.902 ng

RT: 3.90 min Scan# 104

Delta R.T. 0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

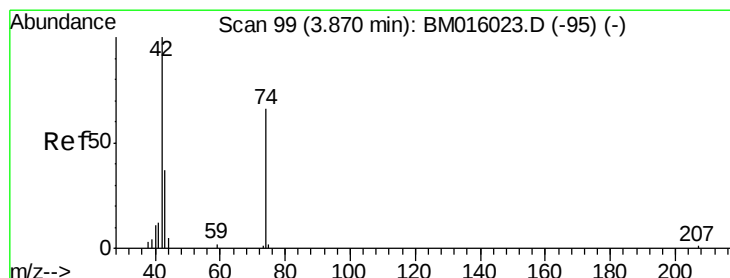
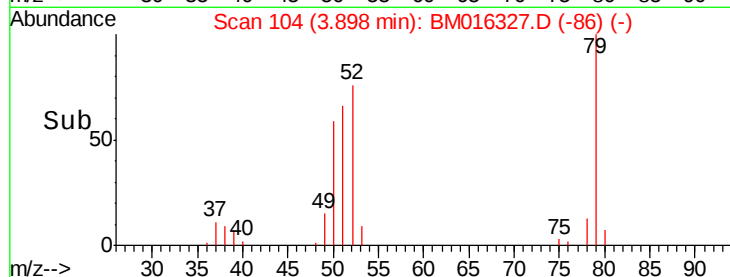
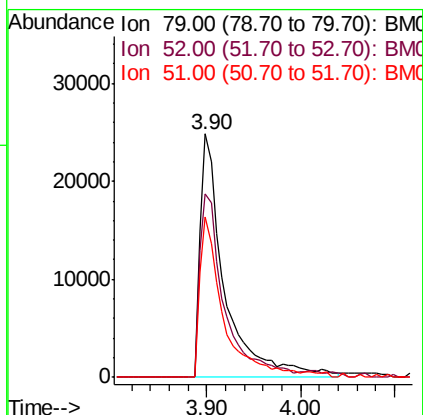
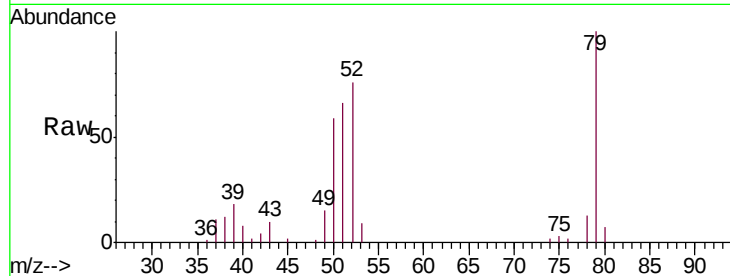
ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion:	79	Resp:	45361
Ion Ratio	Lower	Upper	
79	100		
52	75.6	51.1	76.7
51	65.7	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 51.872 ng

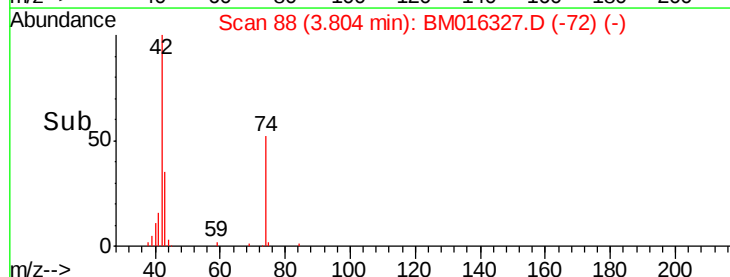
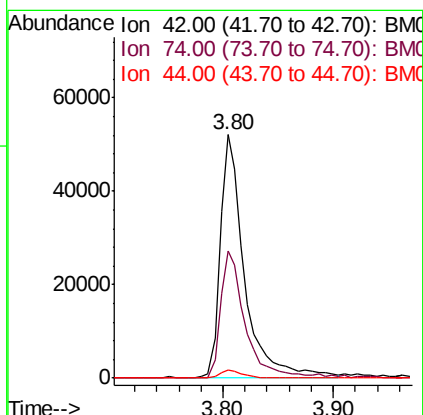
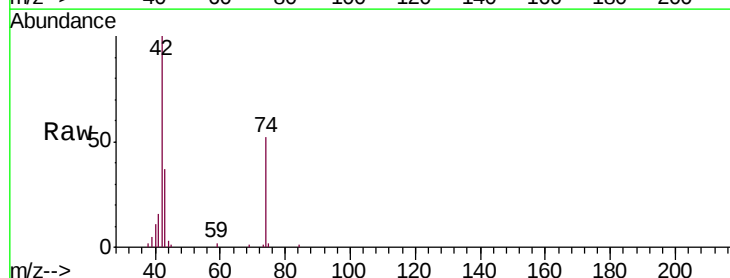
RT: 3.80 min Scan# 88

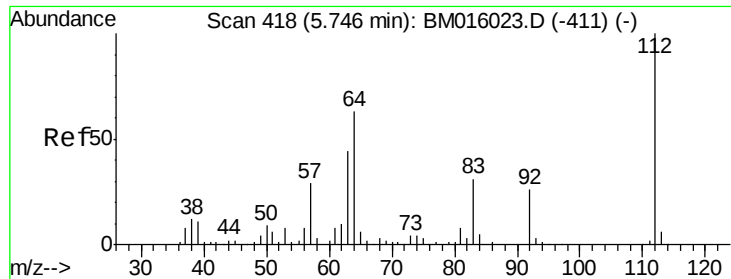
Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion:	42	Resp:	80136
Ion Ratio	Lower	Upper	
42	100		
74	52.2	119.3	178.9#
44	3.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 51.872 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

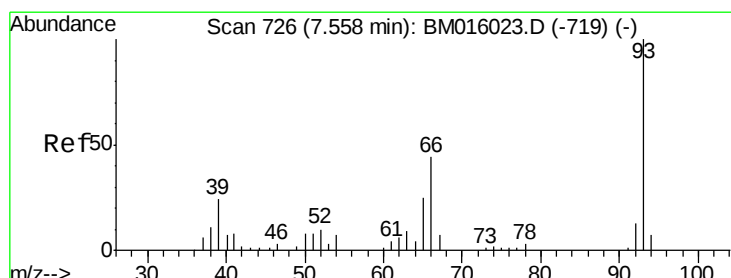
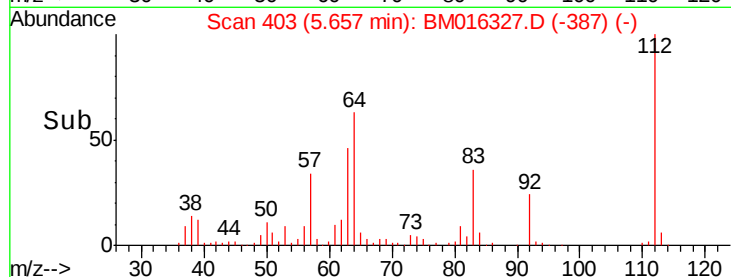
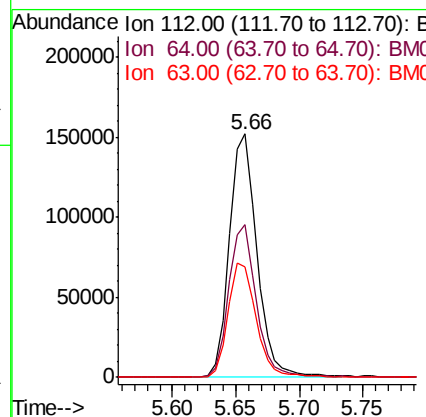
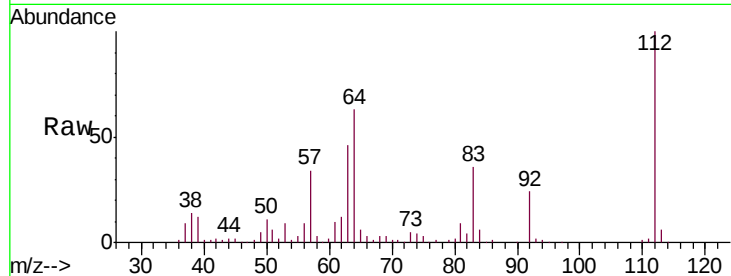
ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion:	112	Resp:	229900
Ion Ratio	Lower	Upper	
112	100		
64	62.8	38.6	57.8#
63	45.6	19.3	28.9#

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#6

Aniline

Concen: 13.498 ng

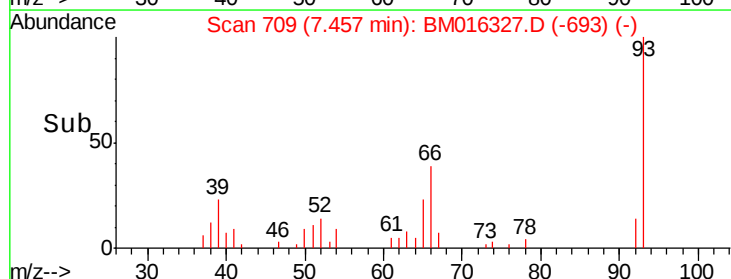
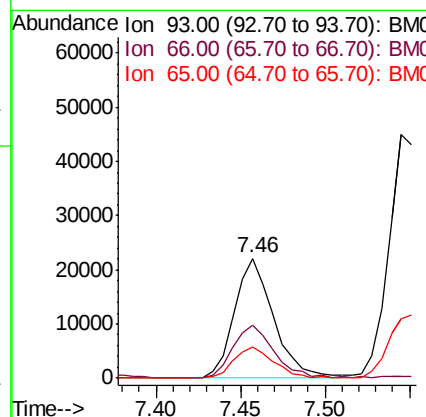
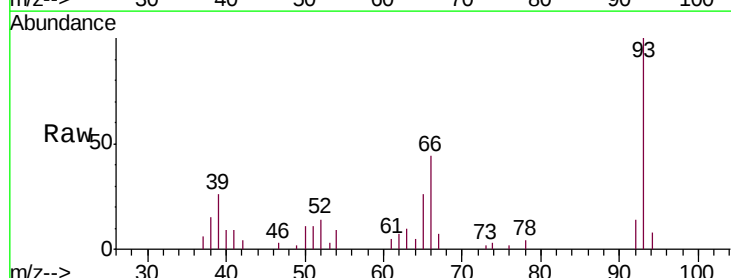
RT: 7.46 min Scan# 709

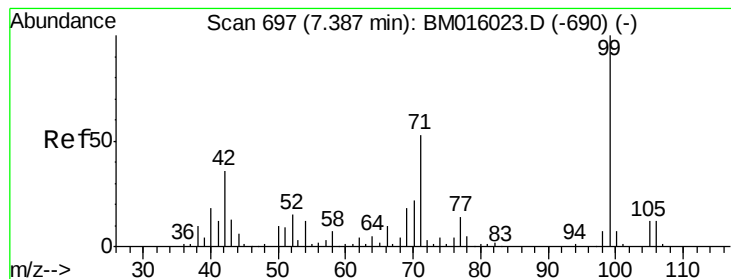
Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion:	93	Resp:	35618
Ion Ratio	Lower	Upper	
93	100		
66	44.4	30.8	46.2
65	26.1	16.0	24.0#





#7

Phenol-d6

Concen: 13.498 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion: 99 Resp: 241311

Ion Ratio Lower Upper

99 100

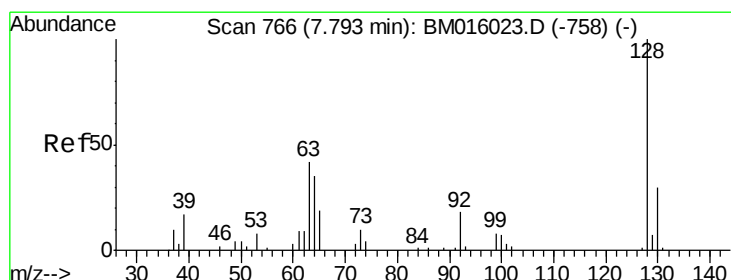
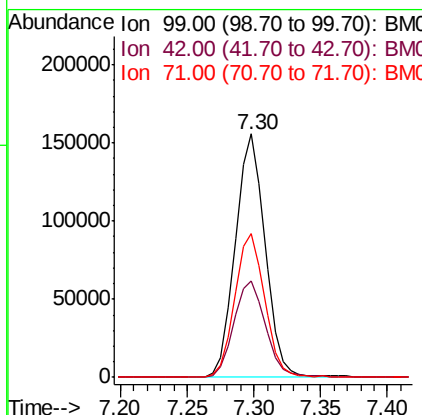
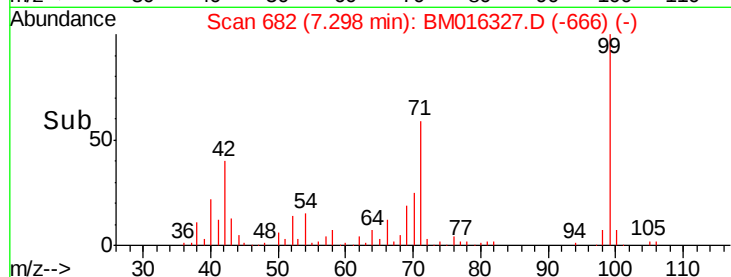
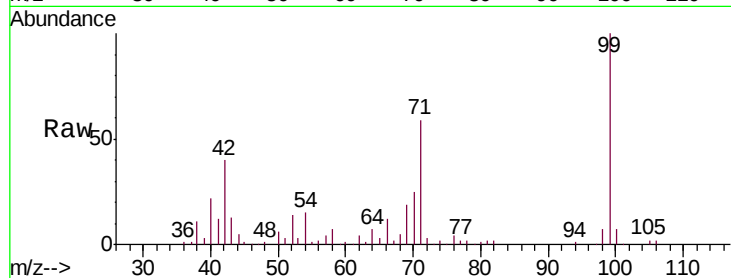
42 39.9 11.0 16.4#

71 59.1 23.4 35.2#

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#8

2-Chlorophenol

Concen: 39.516 ng

RT: 7.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

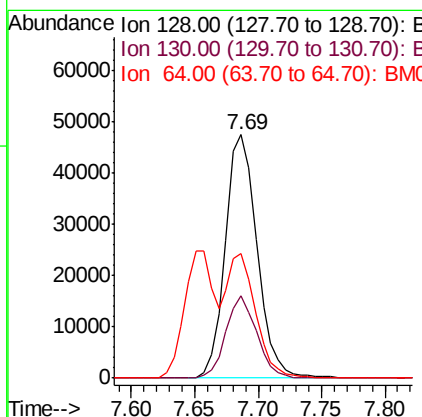
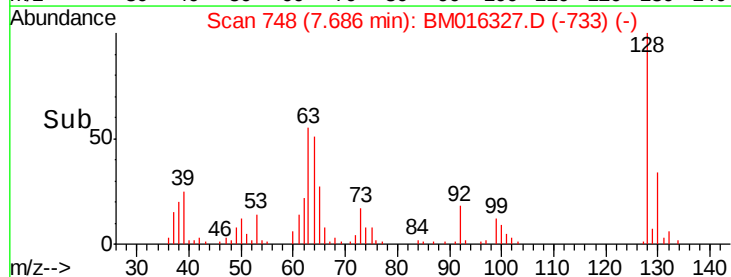
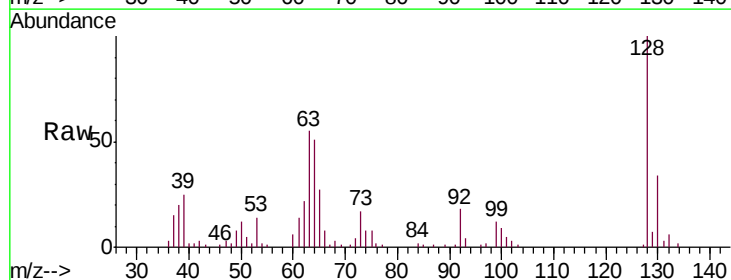
Tgt Ion: 128 Resp: 82415

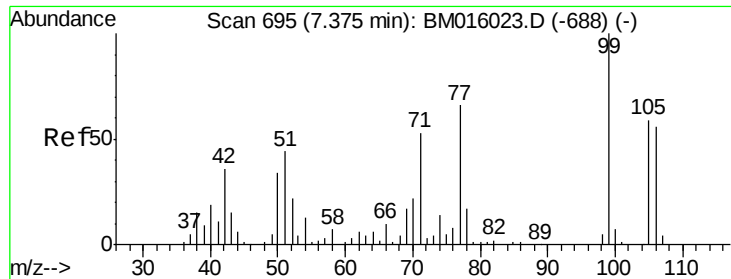
Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 51.3 24.9 64.9





#9

Benzaldehyde

Concen: 18.339 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion: 77 Resp: 29529

Ion Ratio Lower Upper

77 100

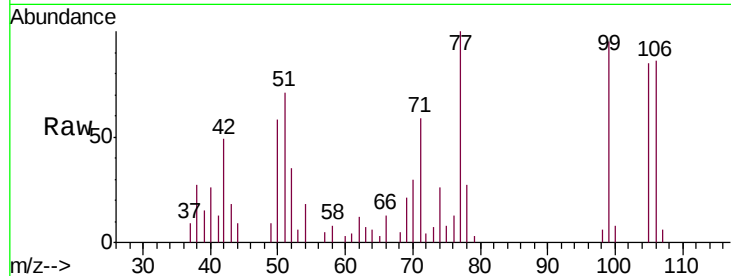
105 84.6 78.8 118.8

106 86.0 73.7 113.7

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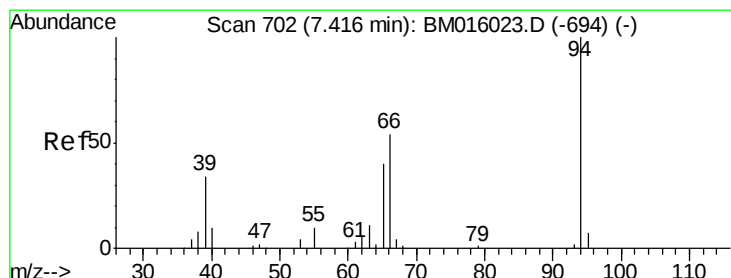
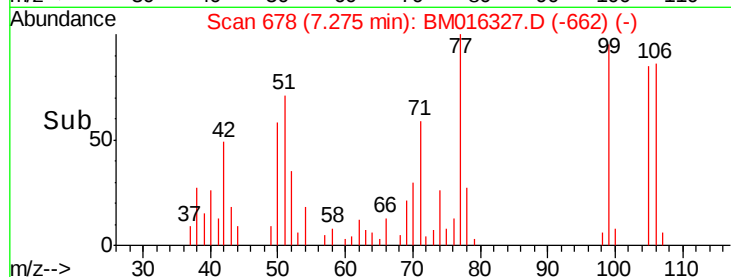
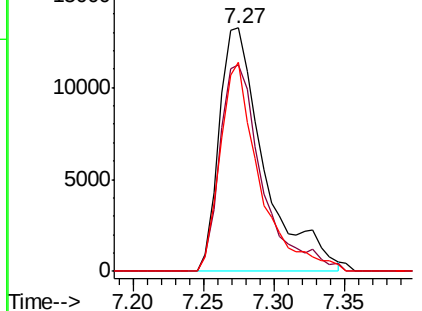
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Abundance Ion 77.00 (76.70 to 77.70): BM016327.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016327.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016327.D (-678) (-)



#10

Phenol

Concen: 32.120 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

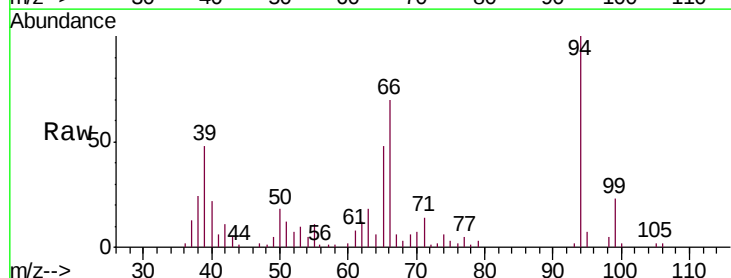
Tgt Ion: 94 Resp: 73605

Ion Ratio Lower Upper

94 100

65 47.8 18.8 58.8

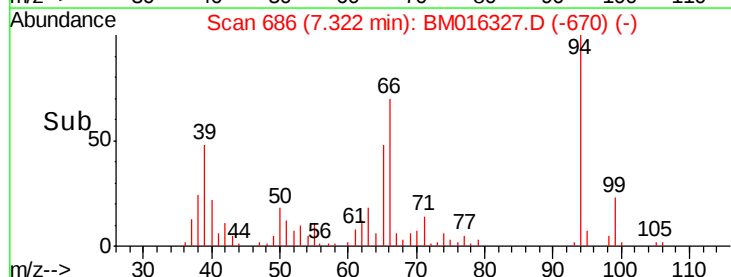
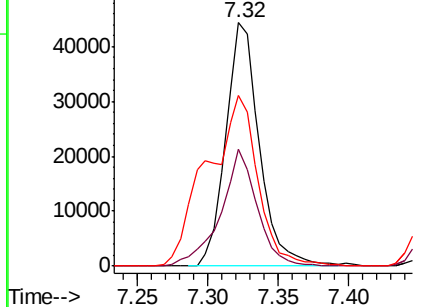
66 70.1 39.9 79.9

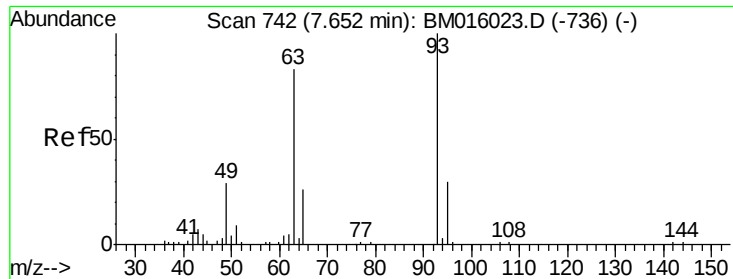


Abundance Ion 94.00 (93.70 to 94.70): BM016327.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM016327.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM016327.D (-670) (-)





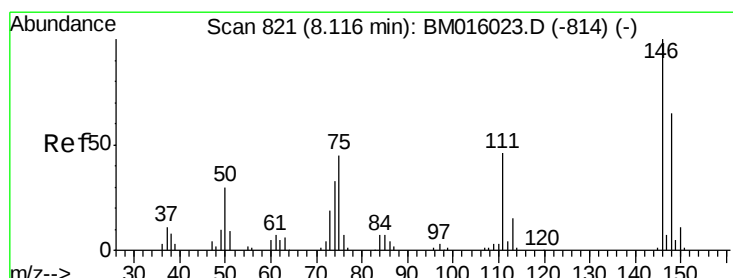
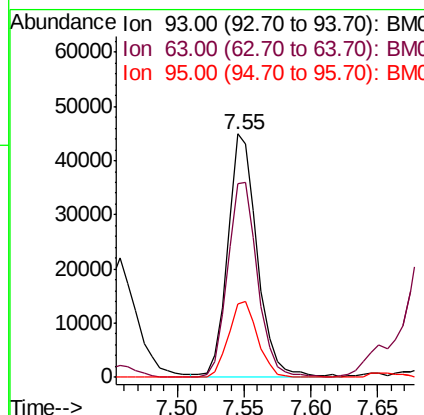
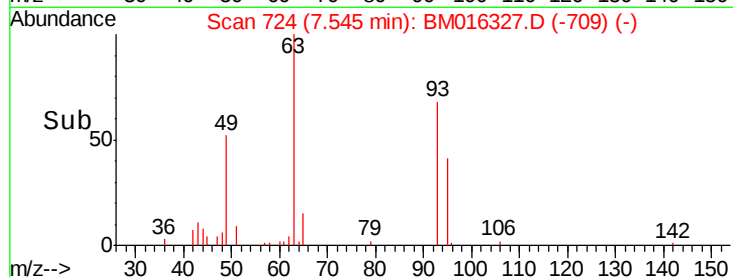
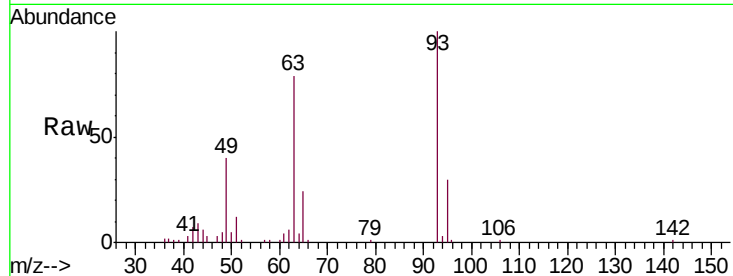
#11
bis(2-Chloroethyl)ether
Concen: 38.652 ng
RT: 7.55 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.4	49.5	89.5
95	30.1	13.5	53.5

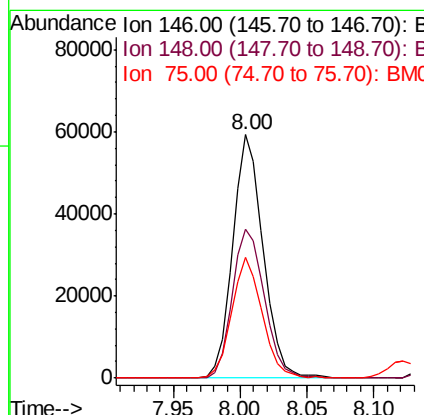
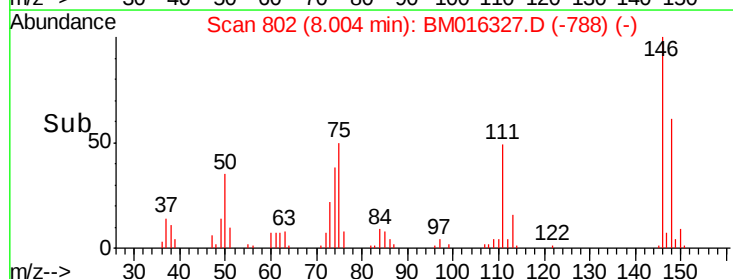
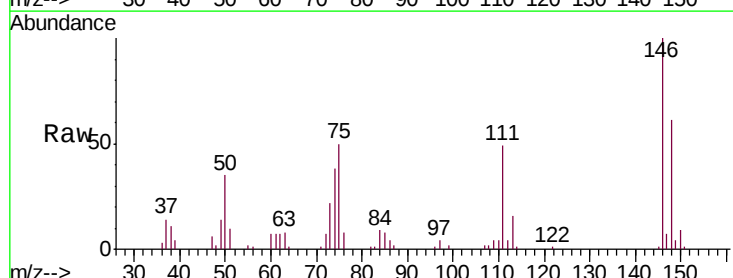
Manual Integrations
APPROVED

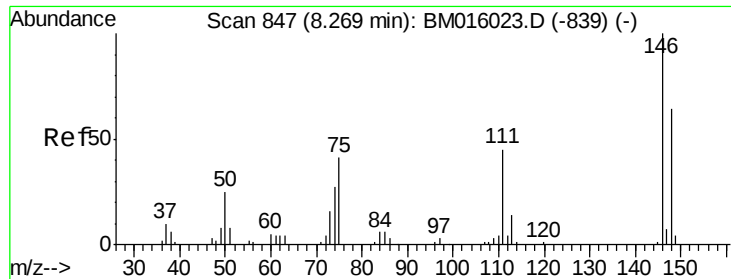
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.470 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.9	76.3
75	49.6	21.4	32.2





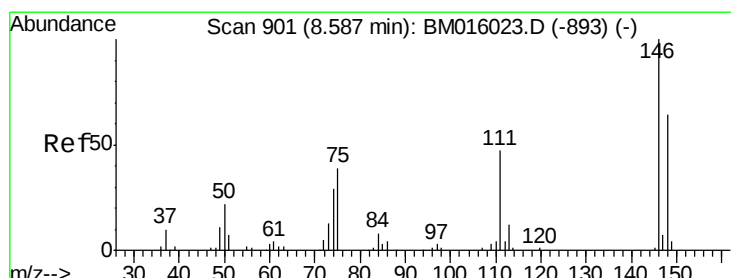
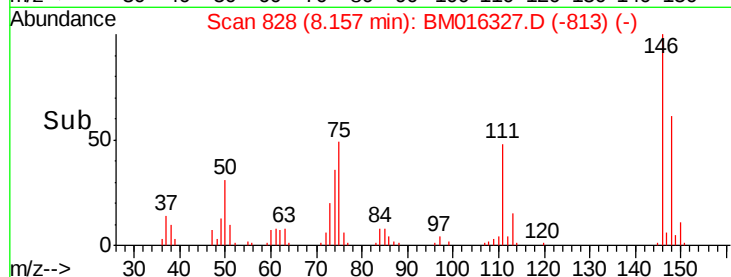
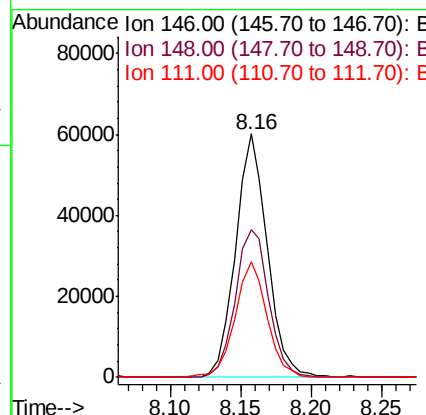
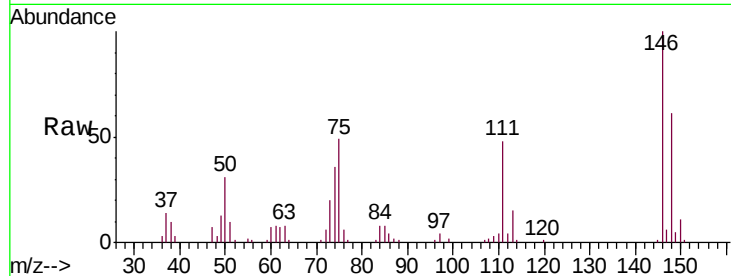
#13
 1,4-Dichlorobenzene
 Concen: 37.916 ng
 RT: 8.16 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.9	77.9
111	47.7	29.2	43.8

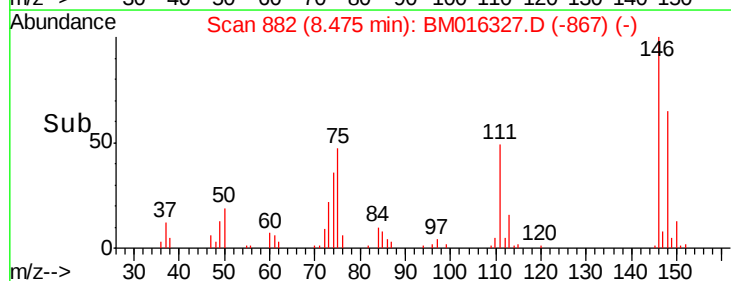
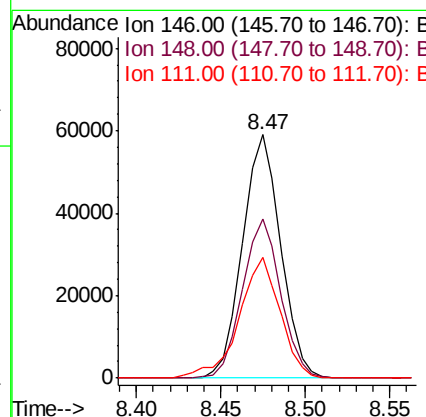
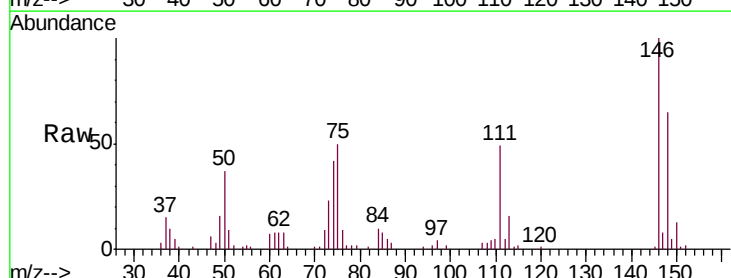
Manual Integrations
 APPROVED

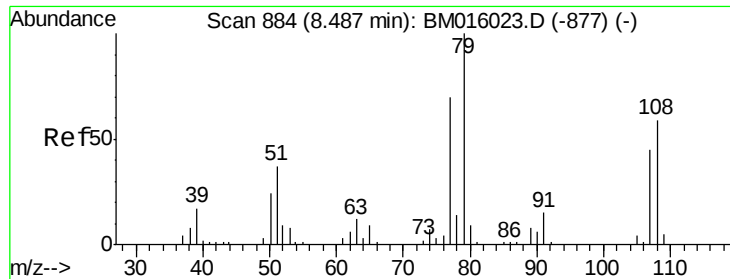
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.422 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
111	49.4	30.6	45.8





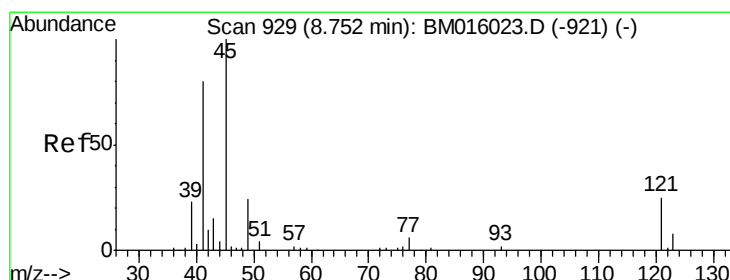
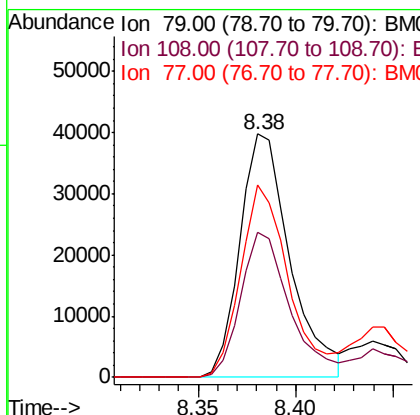
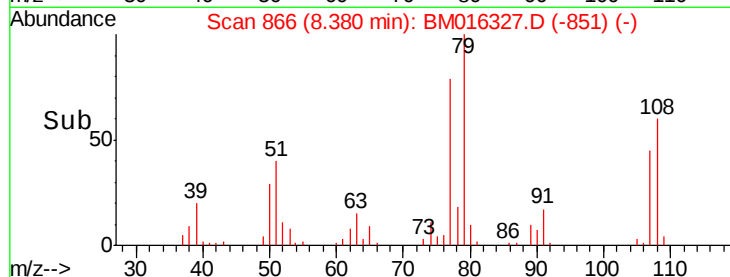
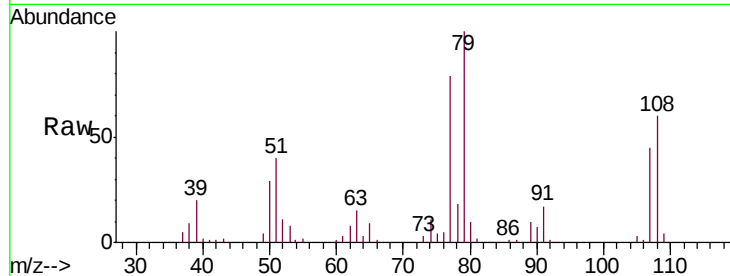
#15
Benzyl Alcohol
Concen: 38.800 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.5	65.0	97.4#
77	78.9	53.0	79.6

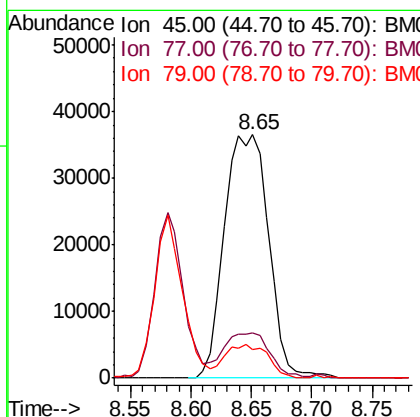
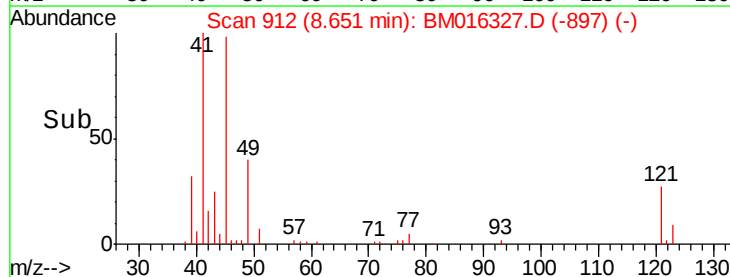
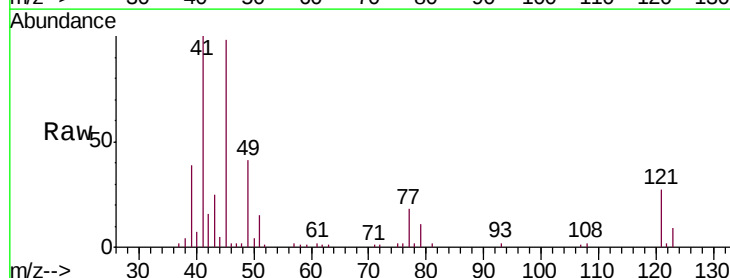
Manual Integrations
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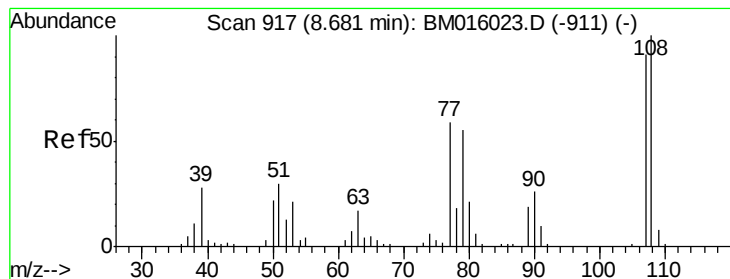
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.619 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	35.2
79	11.6	0.0	32.0





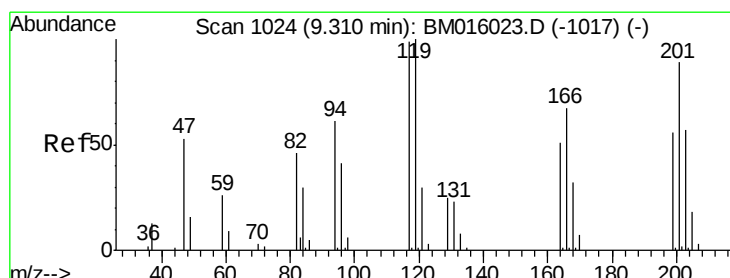
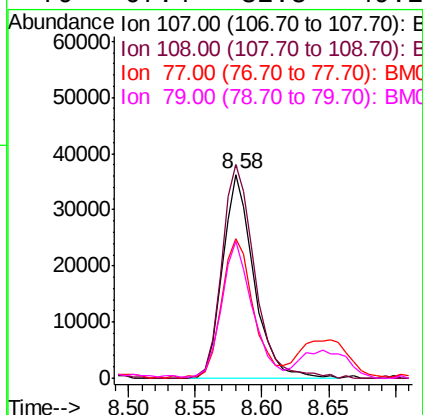
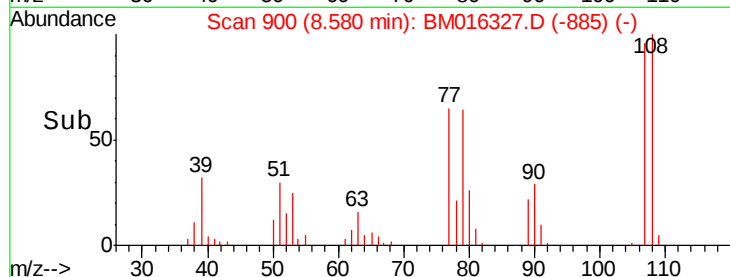
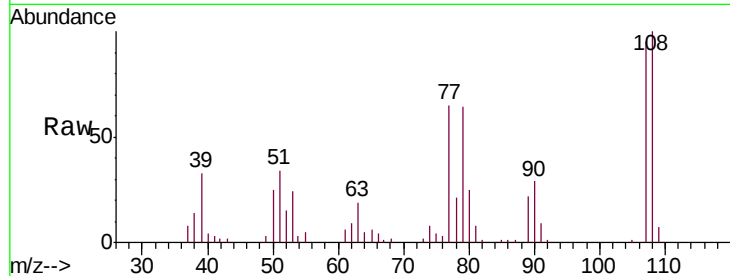
#17
2-Methylphenol
Concen: 38.068 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	104.8	89.8	134.8
77	68.6	32.6	48.8
79	67.4	32.8	49.2

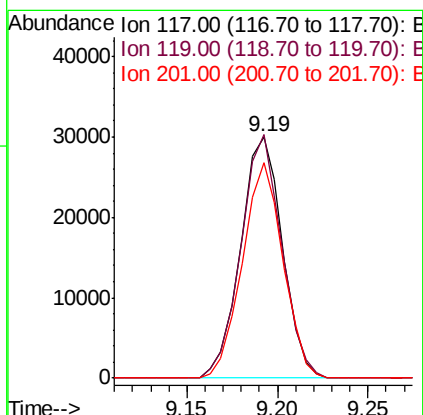
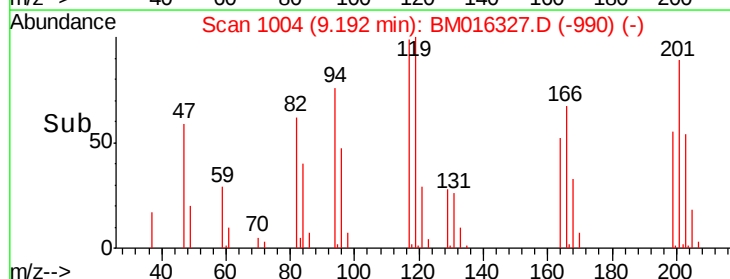
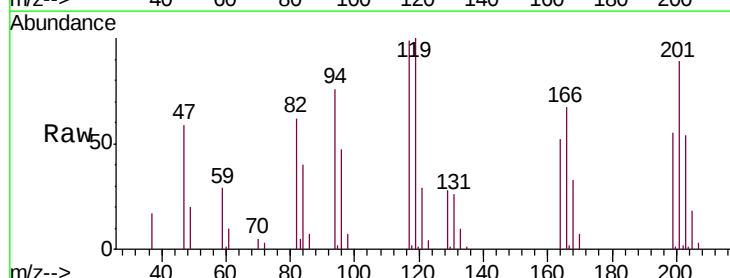
Manual Integrations
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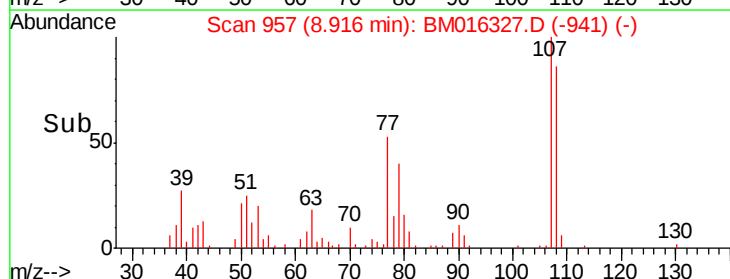
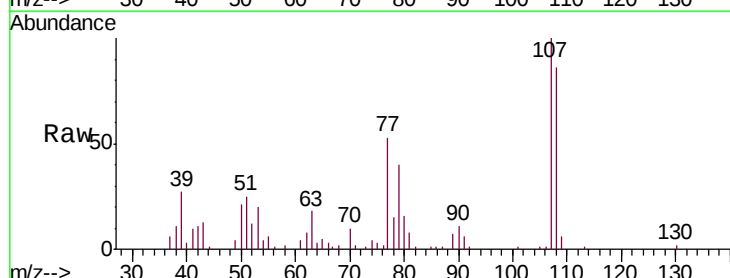
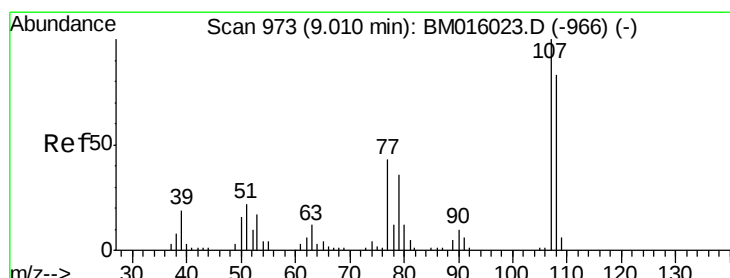
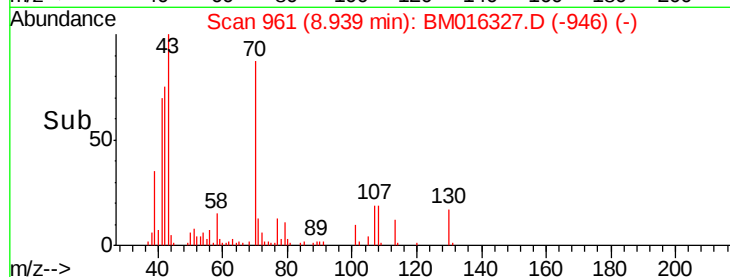
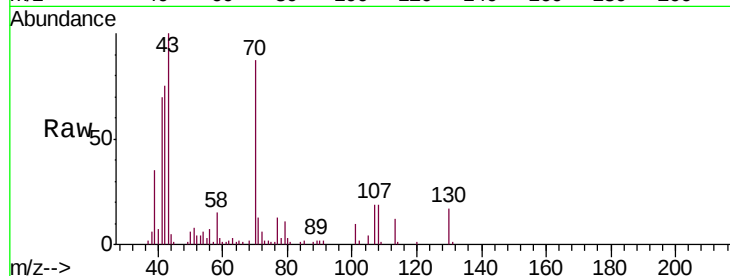
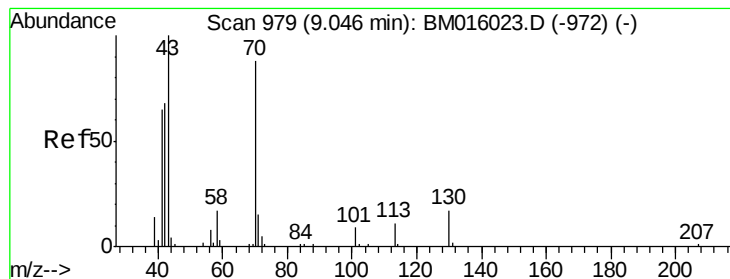
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#18
Hexachloroethane
Concen: 44.974 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	101.0	79.2	118.8
201	89.5	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.172 ng

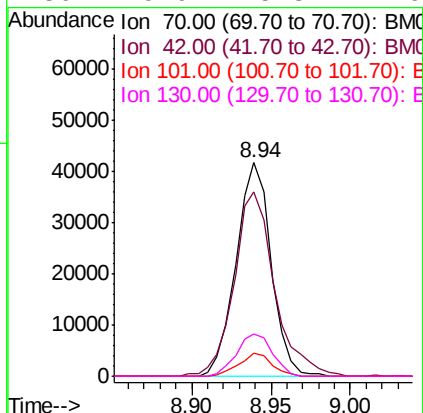
RT: 8.94 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
70	100		
42	86.2	44.5	66.7#
101	11.0	7.4	11.2
130	19.9	15.3	22.9



Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOILMS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 33.919 ng

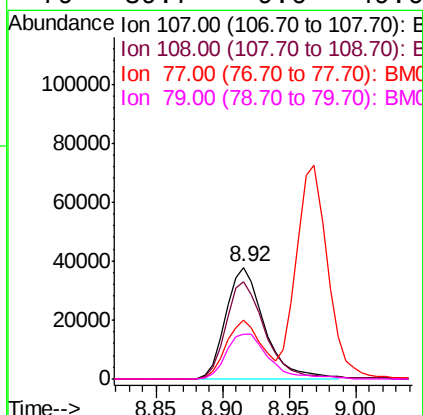
RT: 8.92 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.2	113.2
77	52.9	10.7	50.7#
79	39.7	9.6	49.6





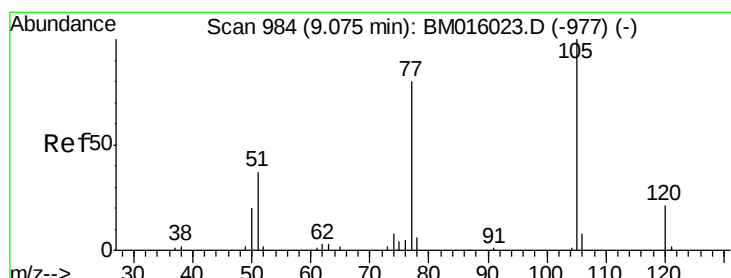
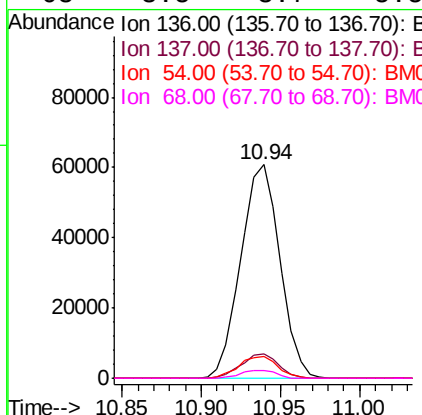
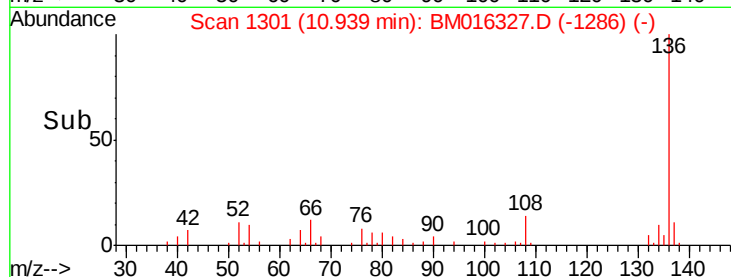
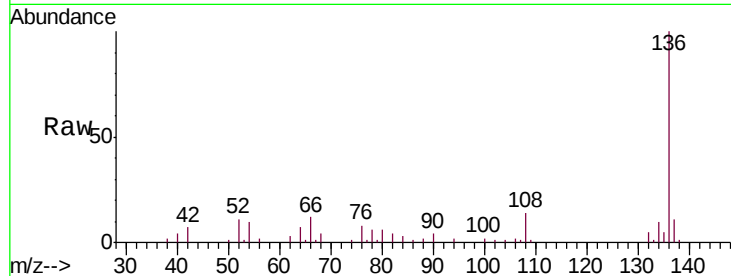
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	104410		
137	11.4	8.7	13.1	
54	10.1	4.6	6.8#	
68	3.5	3.7	5.5#	

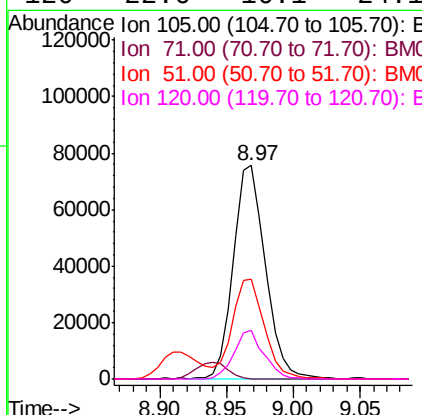
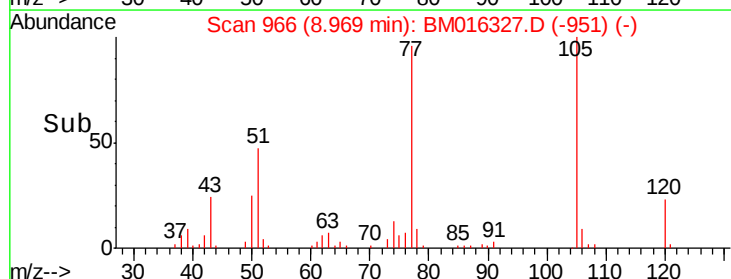
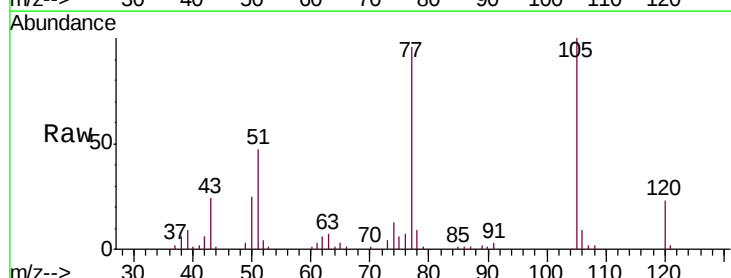
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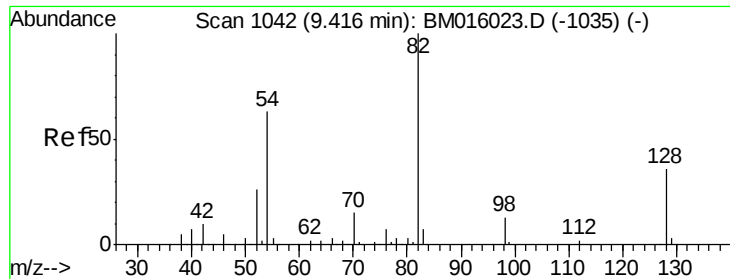
Sohil
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#22
Acetophenone
Concen: 48.100 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126456		
71	0.0	0.6	1.0#	
51	46.5	21.6	32.4#	
120	22.6	16.1	24.1	





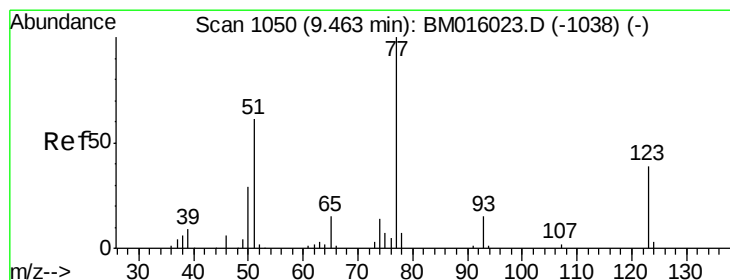
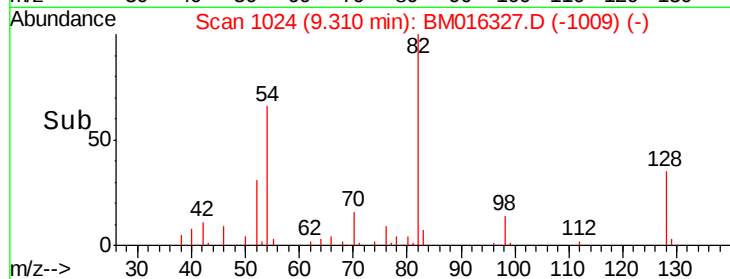
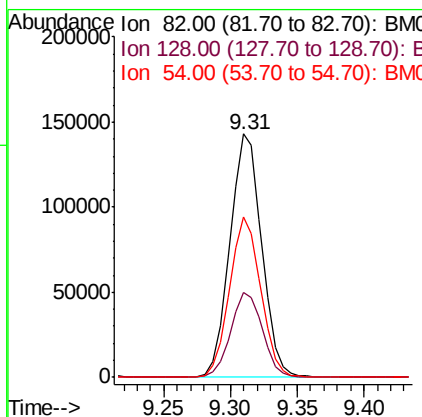
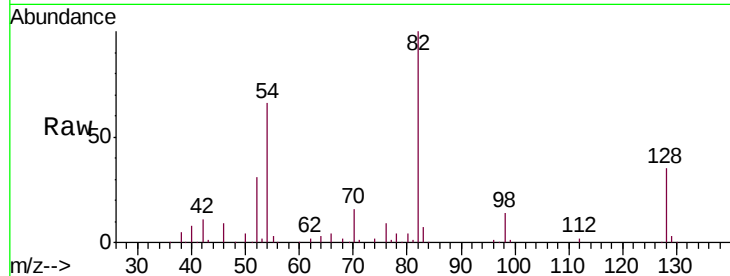
#23
 Nitrobenzene-d5
 Concen: 48.100 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	237666		
128	34.7	32.8	49.2	
54	65.8	40.6	60.8	

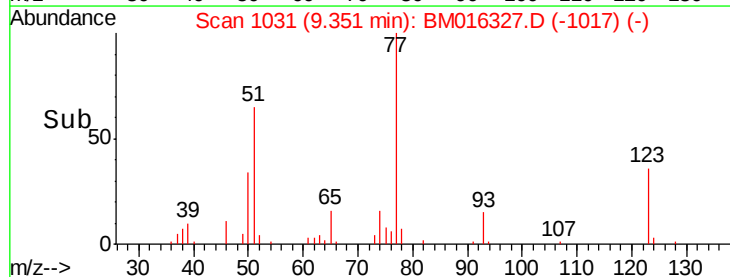
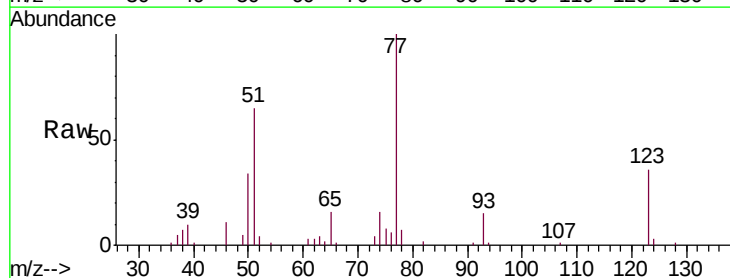
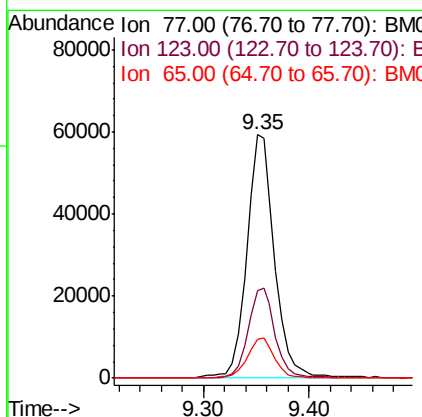
Manual Integrations
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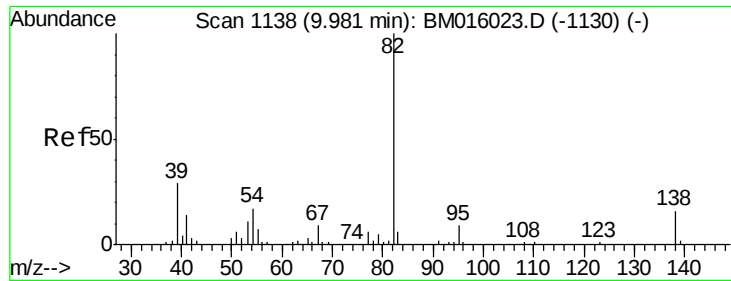
Sohil
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#24
 Nitrobenzene
 Concen: 47.764 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	107927		
123	35.7	32.6	49.0	
65	16.1	10.9	16.3	





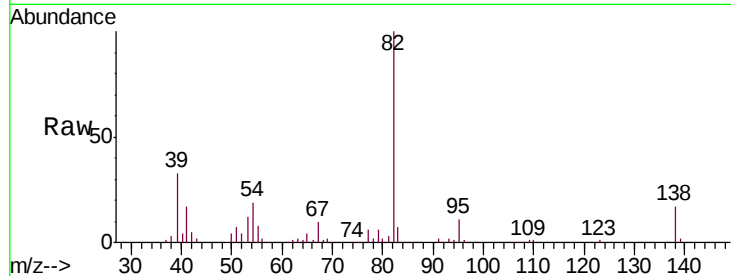
#25
Isophorone
Concen: 52.969 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

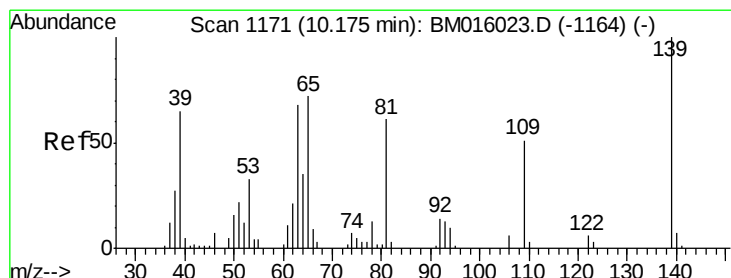
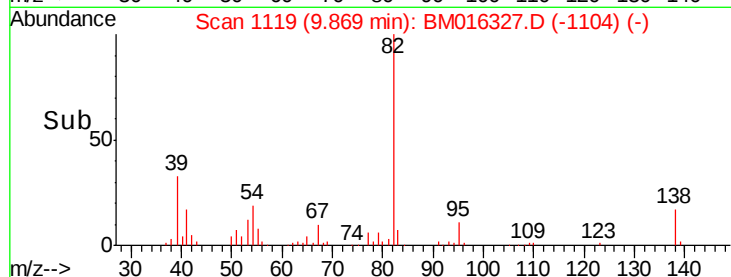
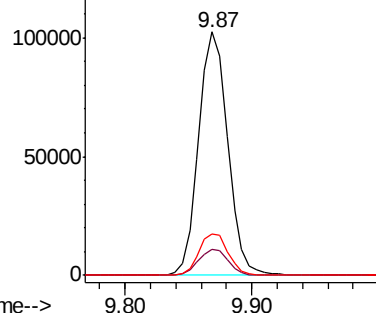
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	162647		
95	10.8	5.8	8.6#	
138	17.0	16.3	24.5	

Manual Integrations
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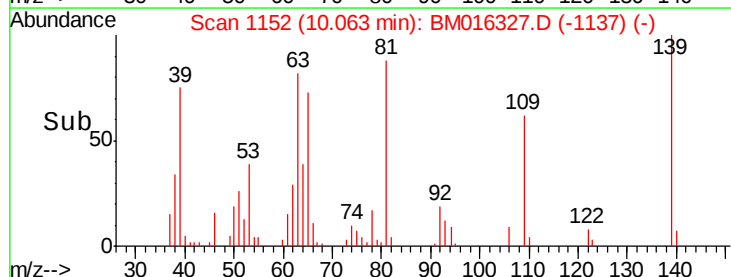
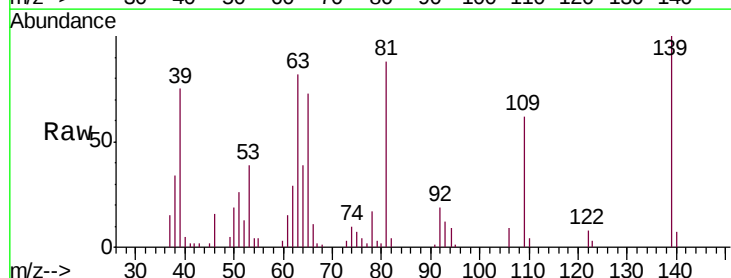
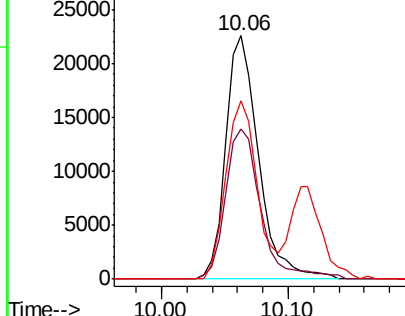
Abundance Ion 82.00 (81.70 to 82.70): BM016327.D (-1137) (-)
Ion 95.00 (94.70 to 95.70): BM016327.D (-1137) (-)
Ion 138.00 (137.70 to 138.70): BM016327.D (-1137) (-)

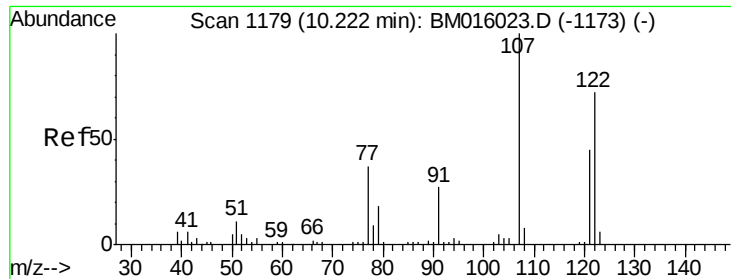


#26
2-Nitrophenol
Concen: 42.977 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	40538		
109	61.6	20.1	30.1#	
65	73.3	31.5	47.3#	

Abundance Ion 139.00 (138.70 to 139.70): BM016327.D (-1137) (-)
Ion 109.00 (108.70 to 109.70): BM016327.D (-1137) (-)
Ion 65.00 (64.70 to 65.70): BM016327.D (-1137) (-)





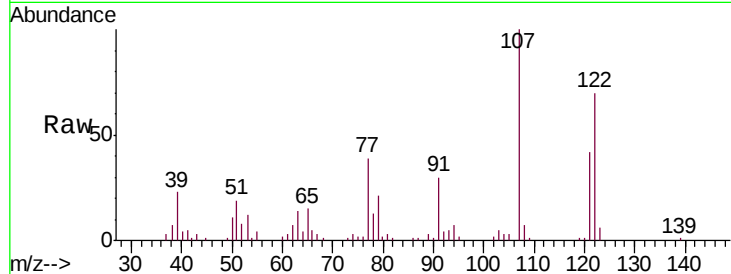
#27
 2,4-Dimethylphenol
 Concen: 51.225 ng
 RT: 10.12 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	67317		
107	142.0	84.7	127.1#	
121	59.5	46.6	69.8	

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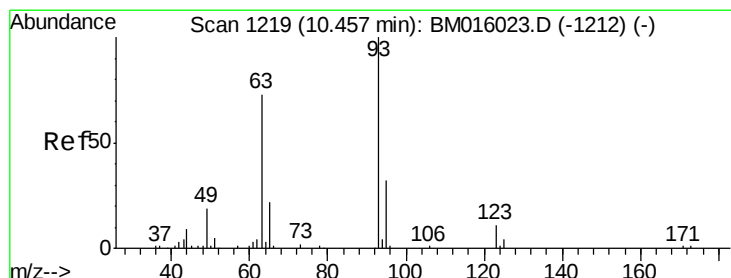
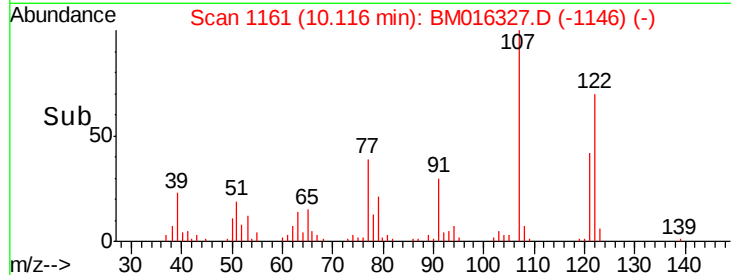
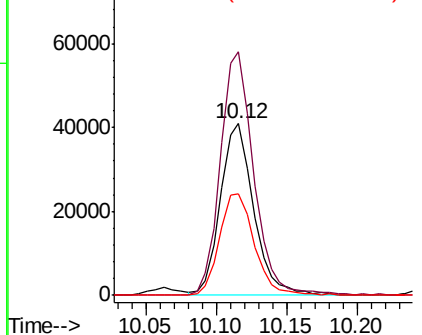


Abundance

Ion 122.00 (121.70 to 122.70): E

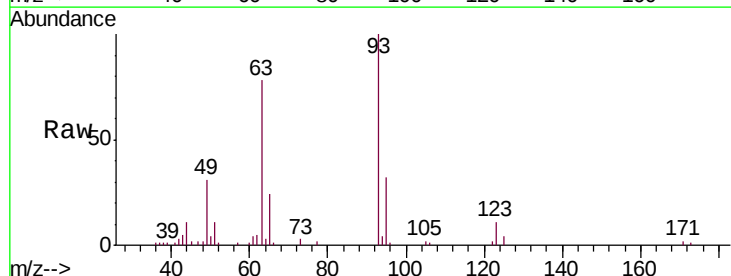
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.811 ng
 RT: 10.35 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	89431		
95	32.2	25.5	38.3	
123	11.3	8.6	13.0	

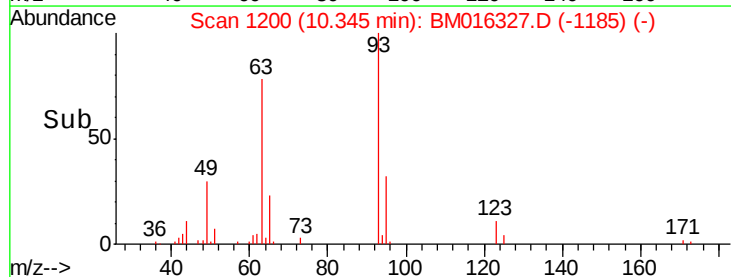
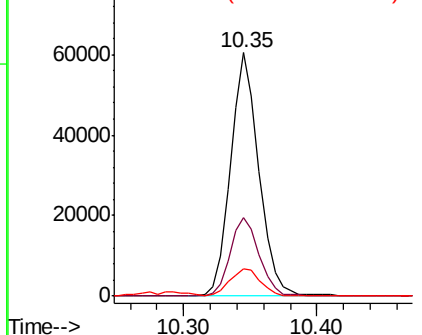


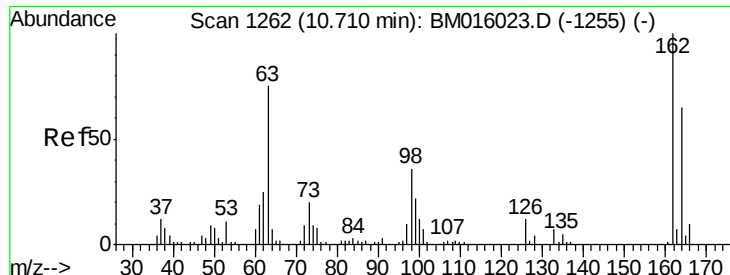
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





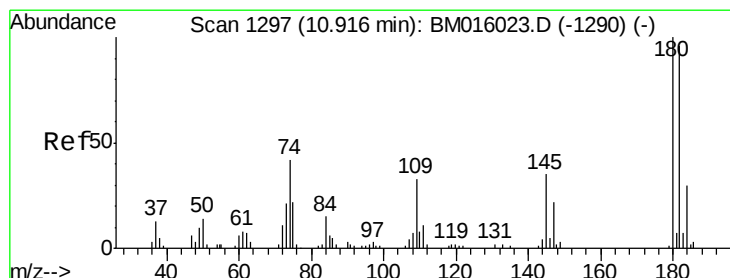
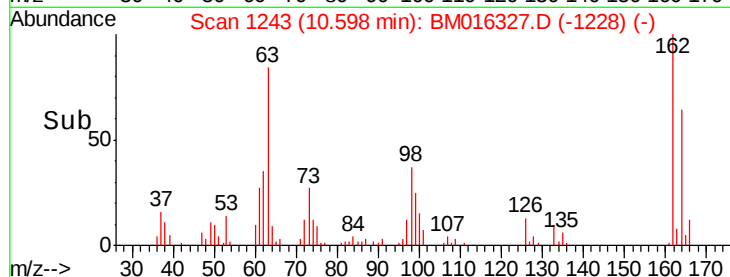
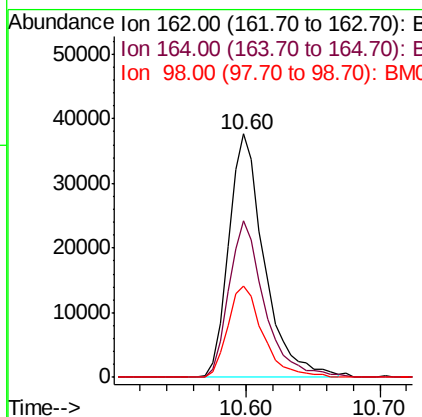
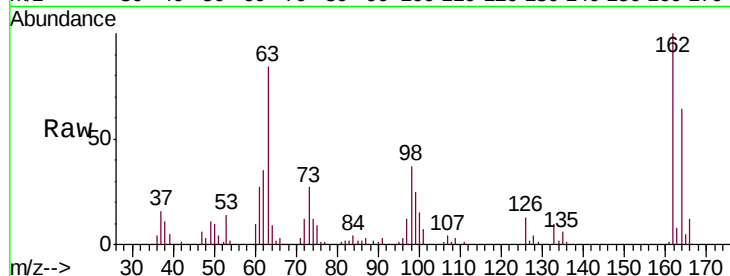
#29
 2,4-Dichlorophenol
 Concen: 44.864 ng
 RT: 10.60 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion:	162	Resp:	70058
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.8	82.8
98	37.2	14.5	54.5

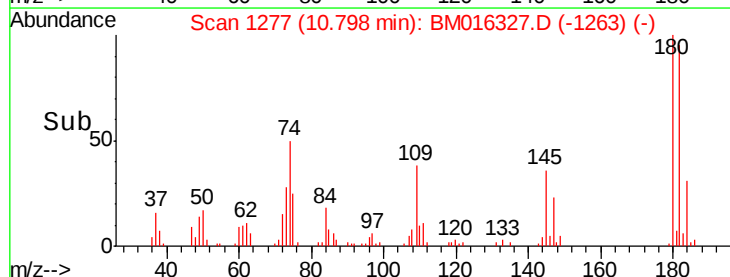
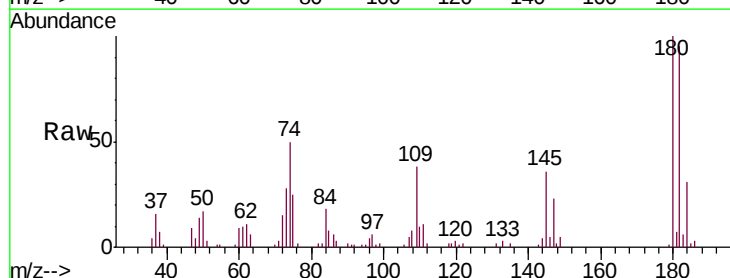
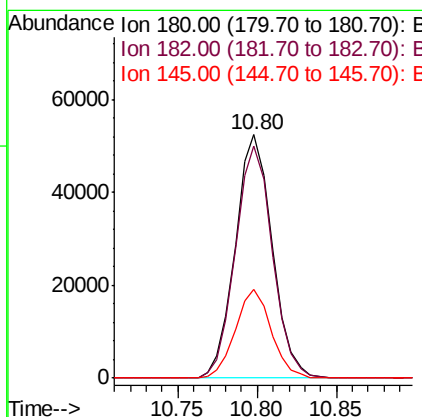
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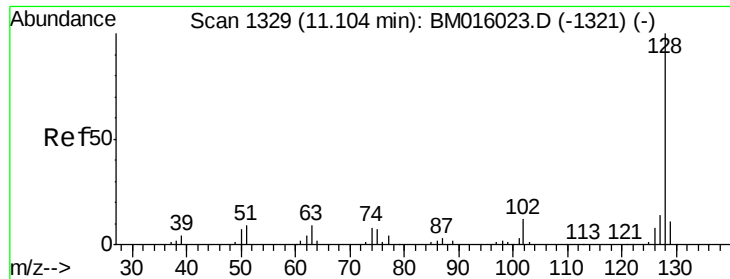
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.646 ng
 RT: 10.80 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion:	180	Resp:	84709
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.6	116.4
145	36.4	23.4	35.2





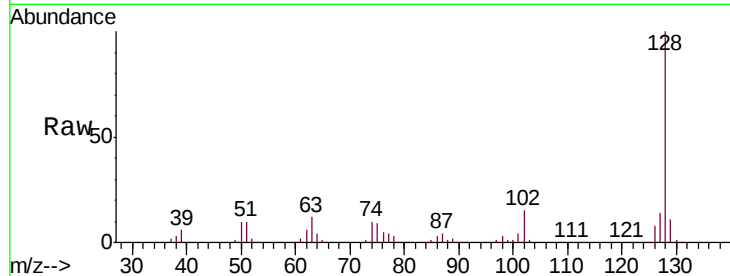
#31
Naphthalene
Concen: 47.487 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	250934		
129	10.9	8.9	13.3	
127	13.5	10.4	15.6	

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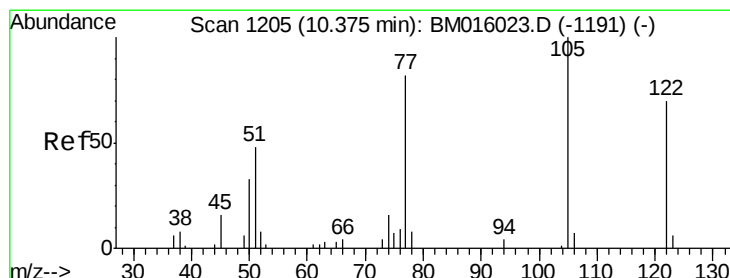
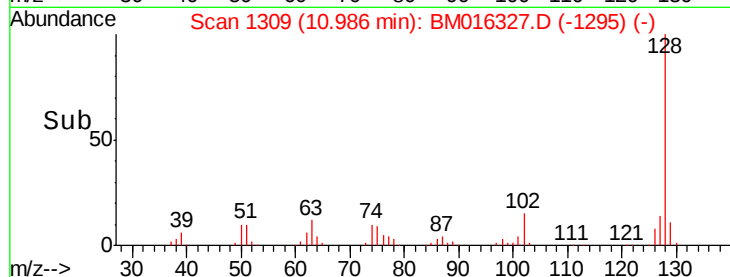
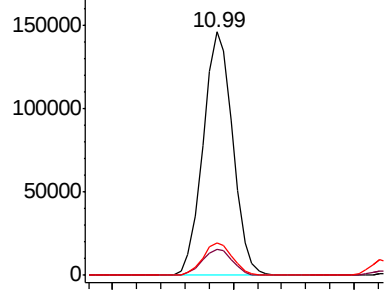


Abundance

Ion 128.00 (127.70 to 128.70): E

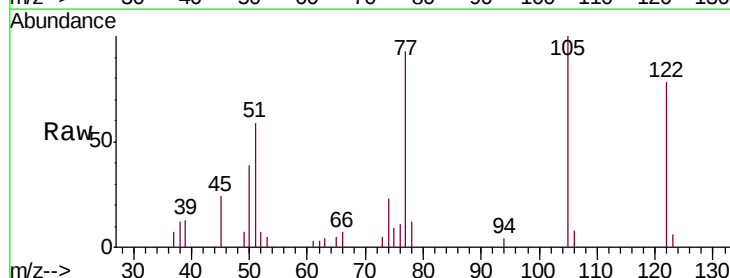
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.929 ng
RT: 10.30 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33989		
105	128.9	99.9	139.9	
77	120.3	73.7	113.7#	

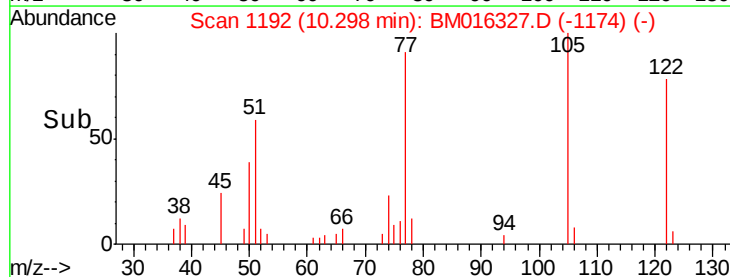
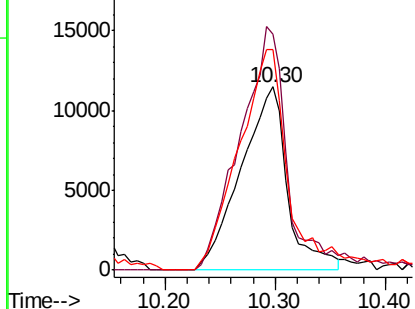


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





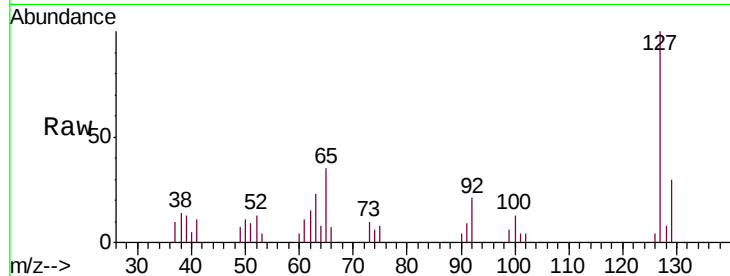
#33
 4-Chloroaniline
 Concen: 8.810 ng
 RT: 11.12 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

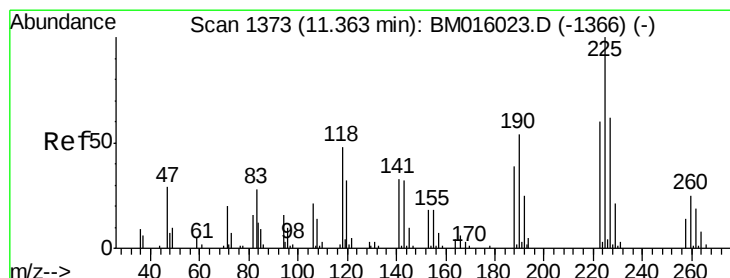
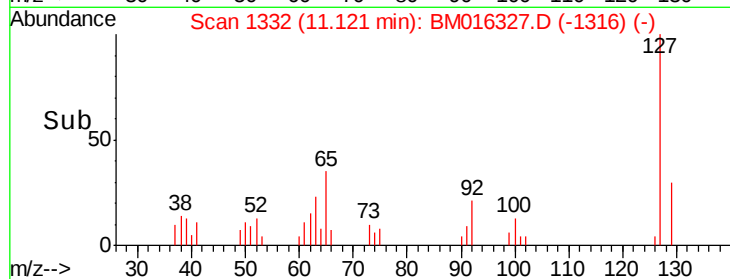
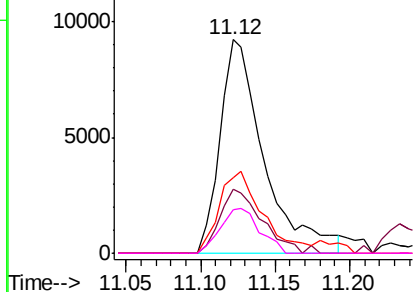
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	18998		
129	30.0	25.3	37.9	
65	35.4	17.6	26.4	
92	20.6	13.1	19.7	

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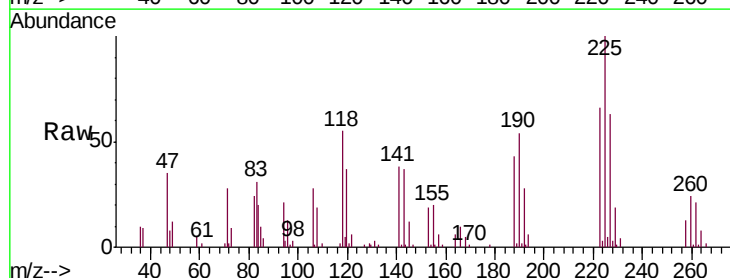


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0

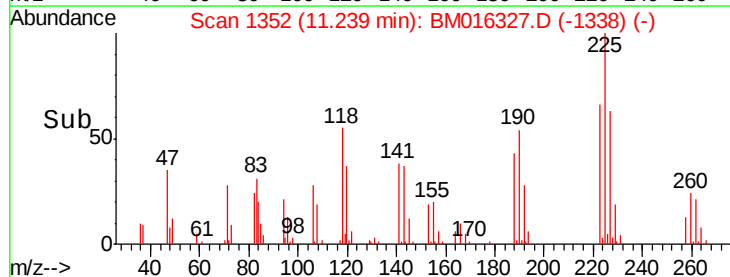
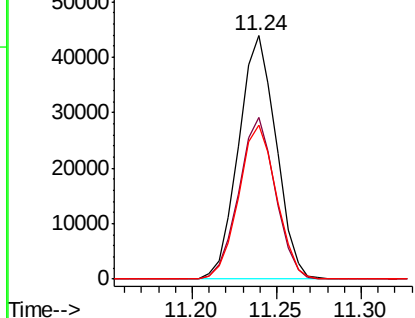


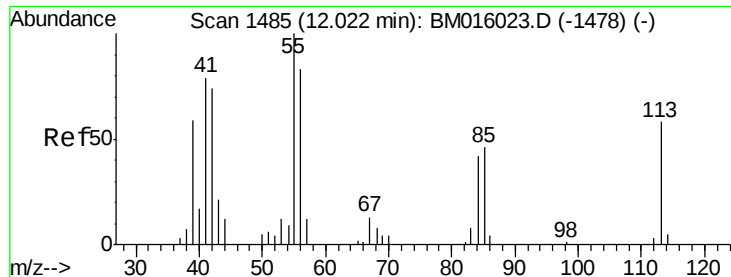
#34
 Hexachlorobutadiene
 Concen: 51.527 ng
 RT: 11.24 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67814		
223	66.2	47.9	71.9	
227	63.4	50.1	75.1	



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





#35

Caprolactam

Concen: 28.753 ng m

RT: 11.93 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion:113 Resp: 12436

Ion Ratio Lower Upper

113 100

55 158.5 145.9 185.9

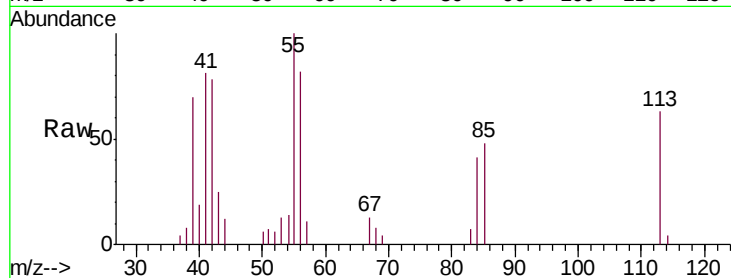
56 130.4 101.0 141.0

Manual Integrations

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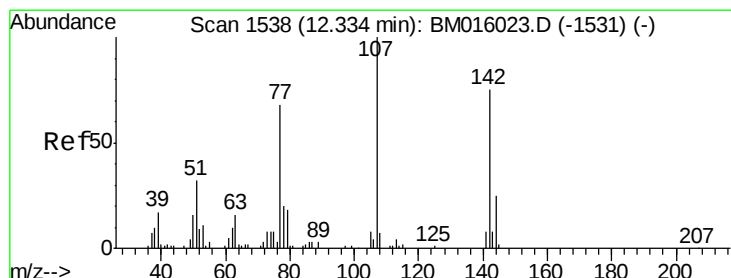
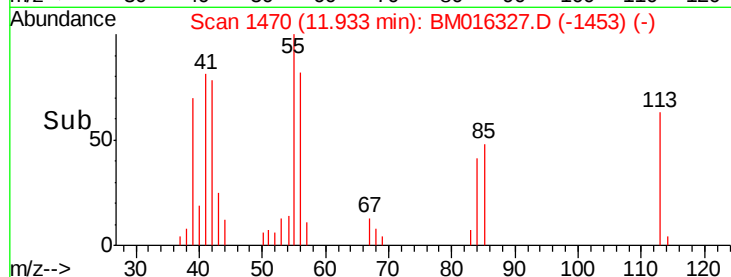
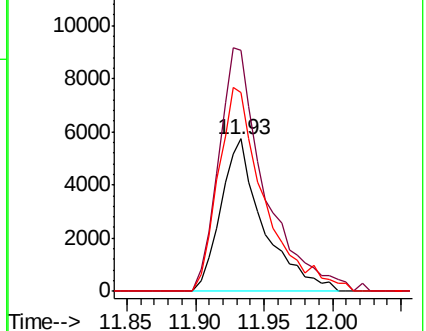
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.467 ng

RT: 12.24 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion:107 Resp: 74657

Ion Ratio Lower Upper

107 100

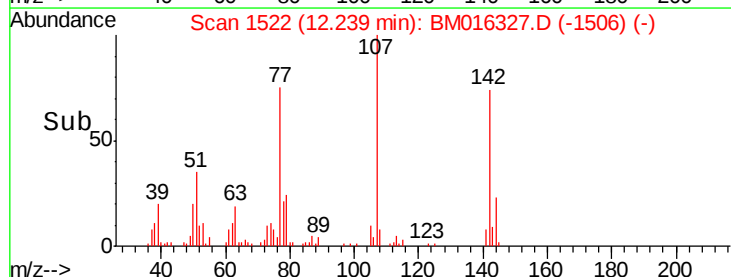
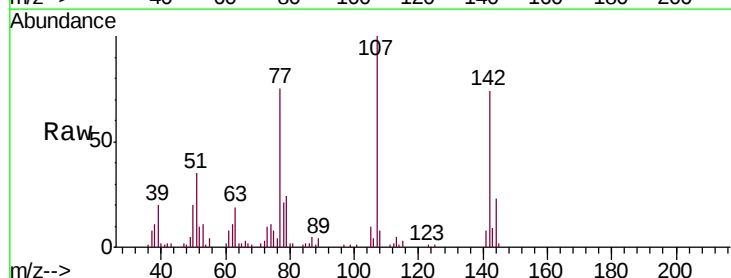
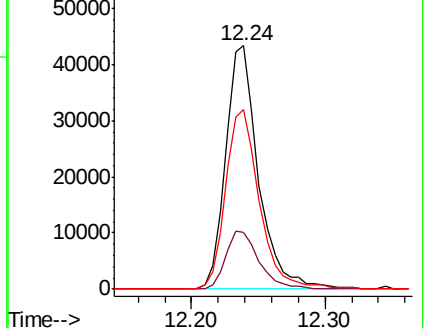
144 23.2 23.3 34.9#

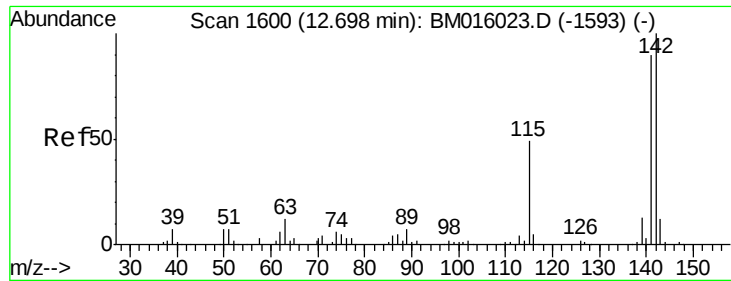
142 73.8 72.6 109.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





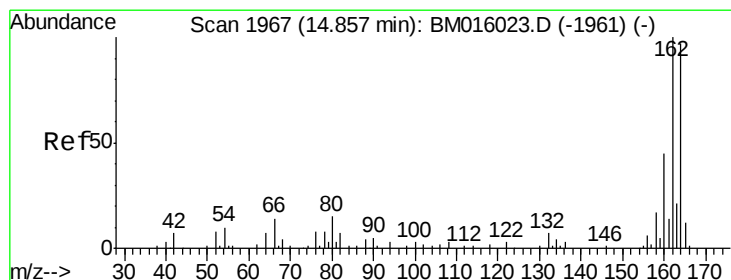
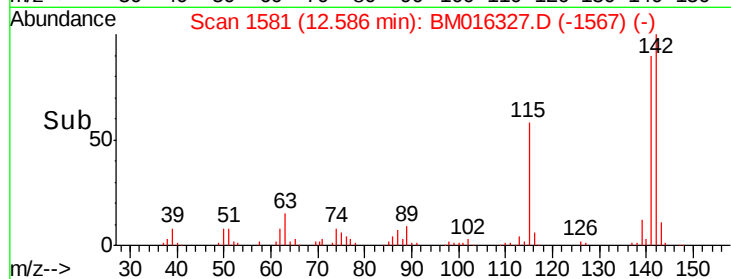
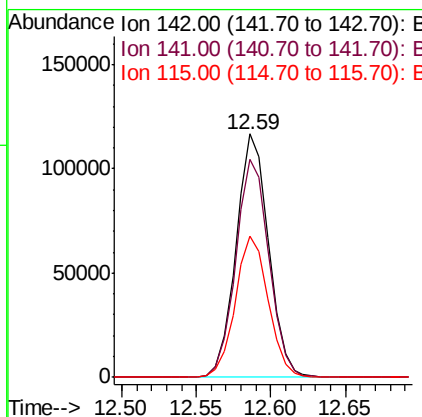
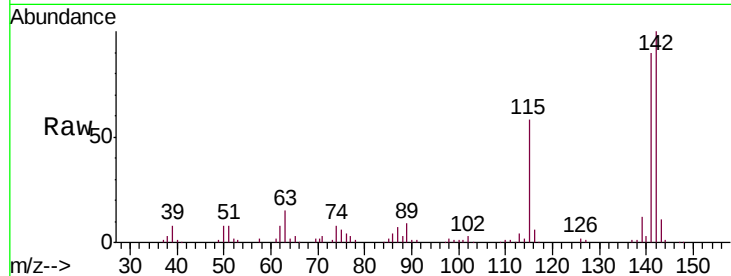
#37
 2-Methylnaphthalene
 Concen: 49.930 ng
 RT: 12.59 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	176745		
141	89.7	71.9	107.9	
115	58.1	25.4	38.0	

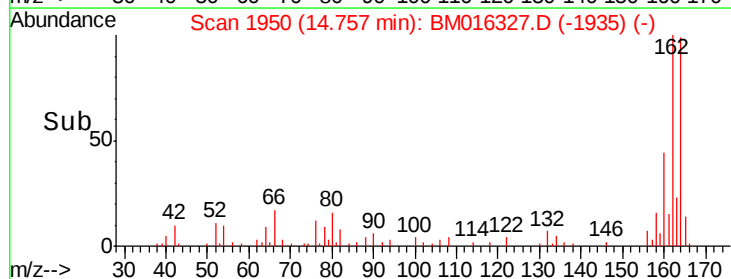
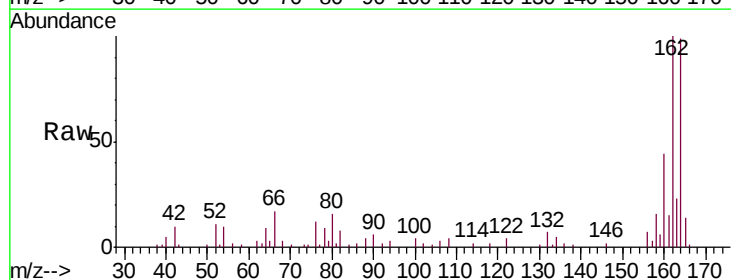
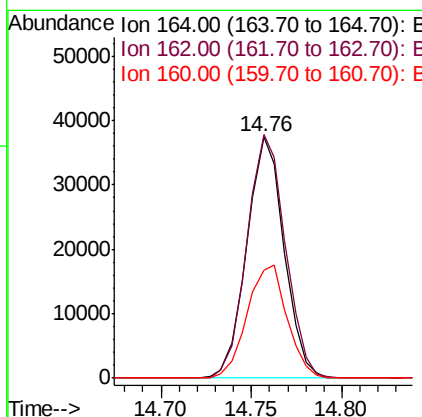
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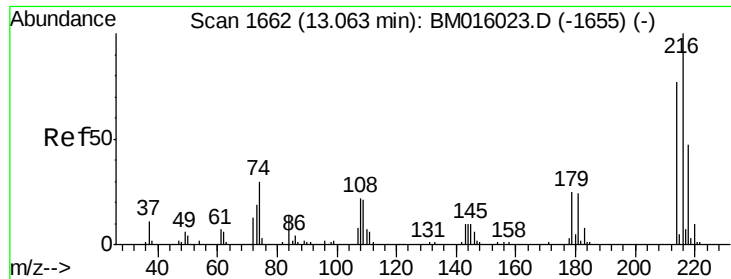
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53693		
162	100.7	82.4	123.6	
160	44.6	35.8	53.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.931 ng

RT: 12.95 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

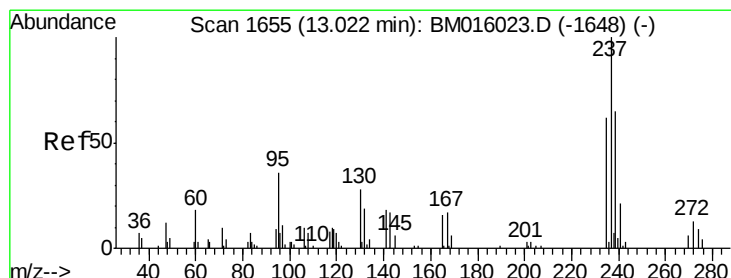
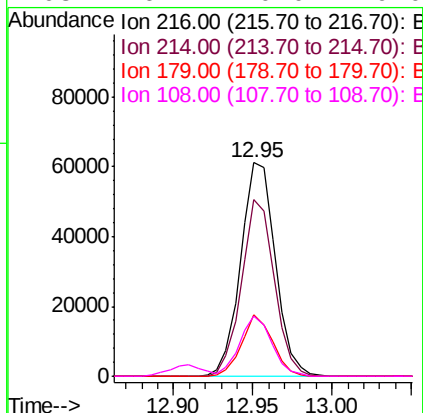
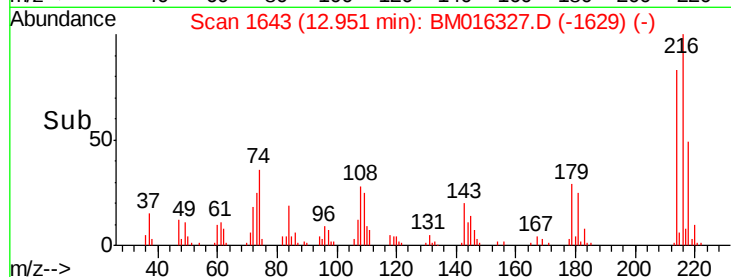
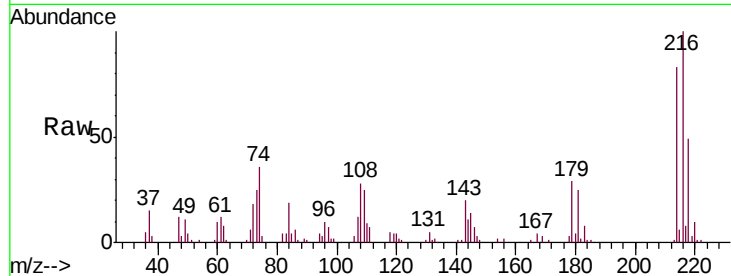
ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	93100		
214	78.0	0.0	0.0	0.0
179	25.8	0.0	0.0	0.0
108	26.2	0.0	0.0	0.0

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#40

Hexachlorocyclopentadiene

Concen: 64.664 ng

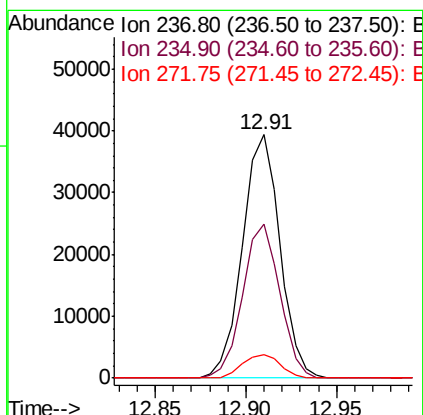
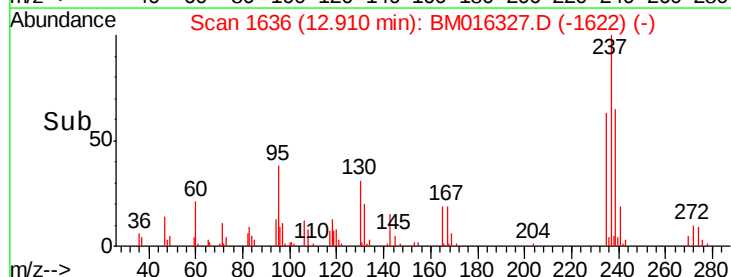
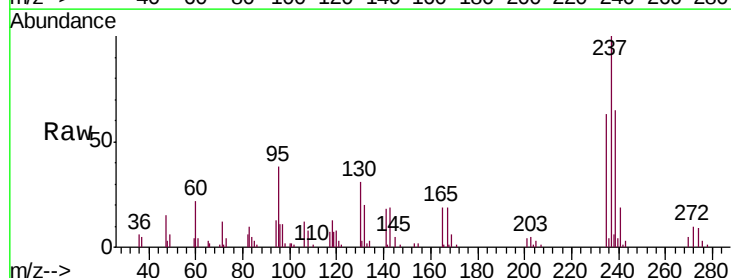
RT: 12.91 min Scan# 1636

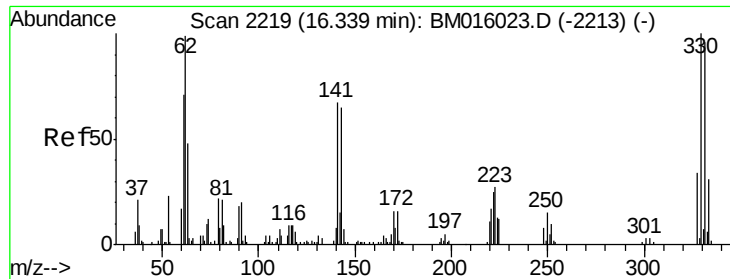
Delta R.T. -0.02 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	56561		
235	63.2	42.0	82.0	
272	9.6	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 64.664 ng

RT: 16.25 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

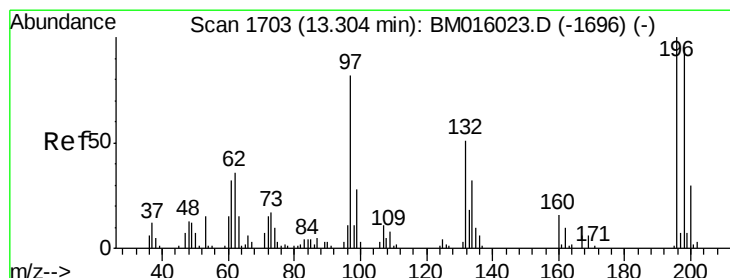
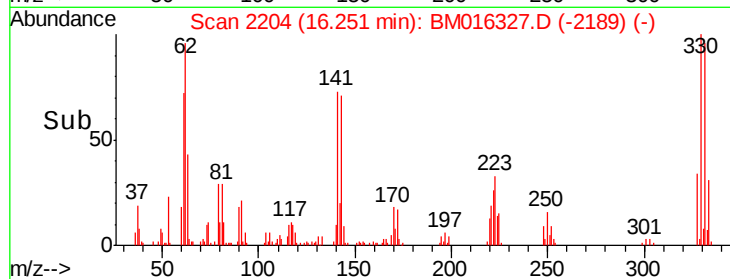
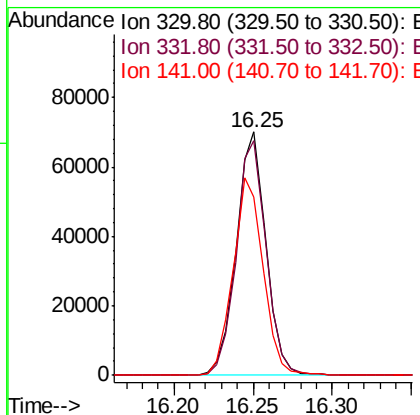
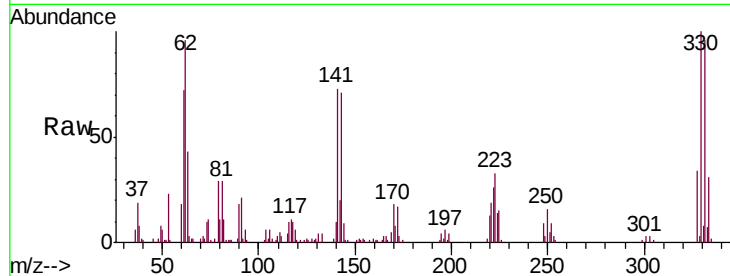
ClientSampleId :

EXCAVATION-SOILMS

Tgt Ion:	330	Resp:	90401
Ion Ratio	Lower	Upper	
330	100		
332	97.1	0.0	0.0#
141	82.6	0.0	0.0#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 47.457 ng

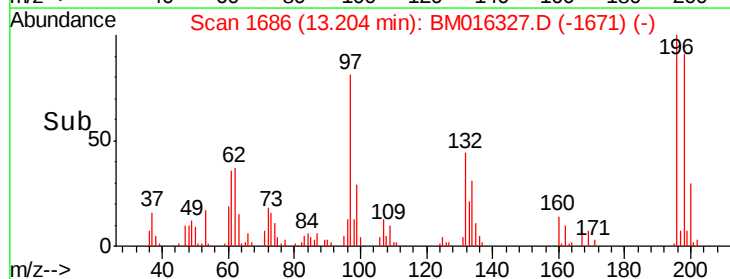
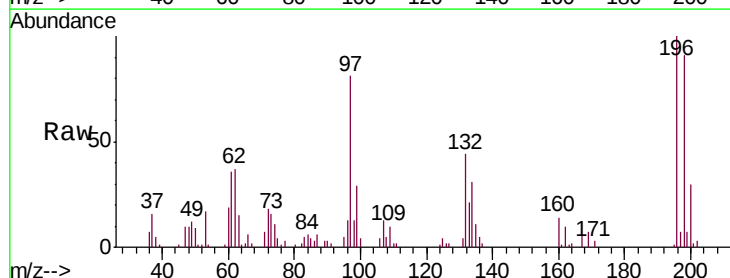
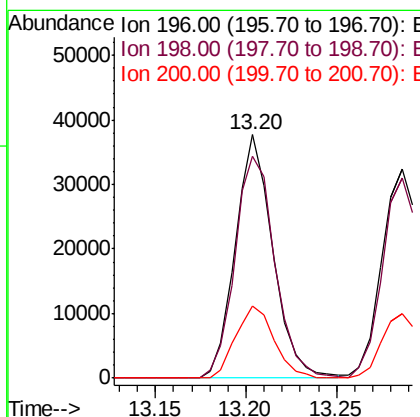
RT: 13.20 min Scan# 1686

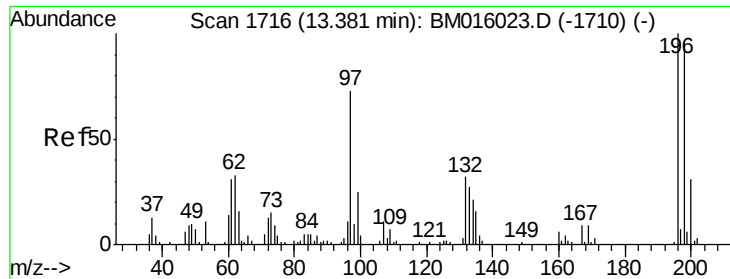
Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion:	196	Resp:	54275
Ion Ratio	Lower	Upper	
196	100		
198	91.3	76.3	114.5
200	29.6	25.6	38.4





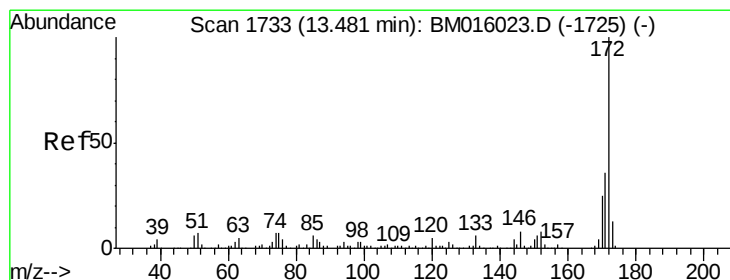
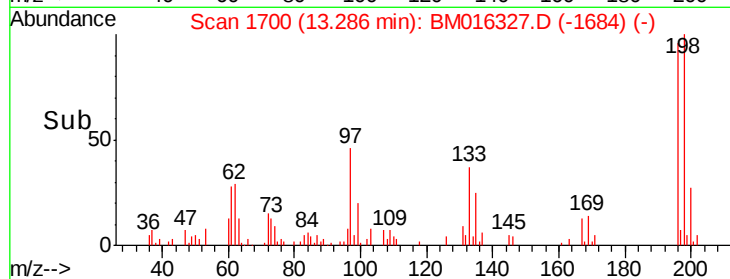
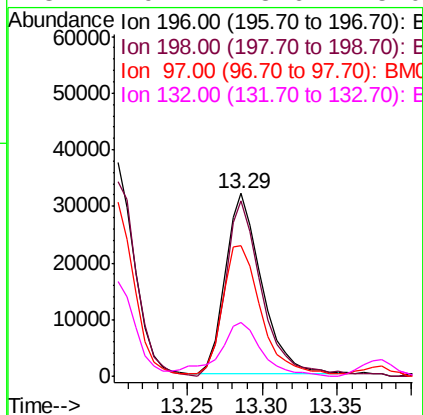
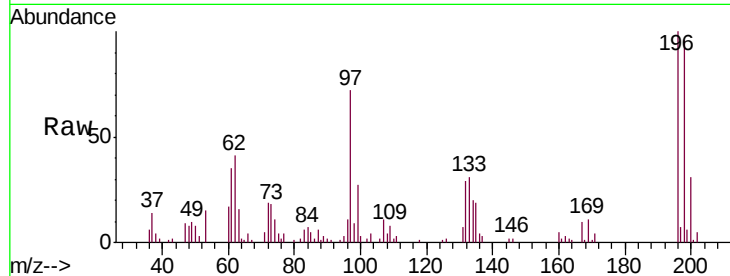
#43
 2,4,5-Trichlorophenol
 Concen: 46.035 ng
 RT: 13.29 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	54307		
198	95.9	79.4	119.0	
97	71.6	26.8	40.2	
132	29.2	18.6	28.0	

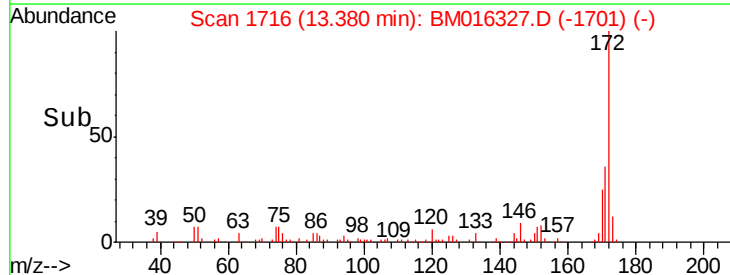
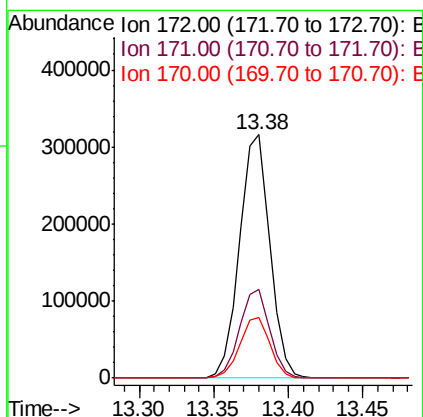
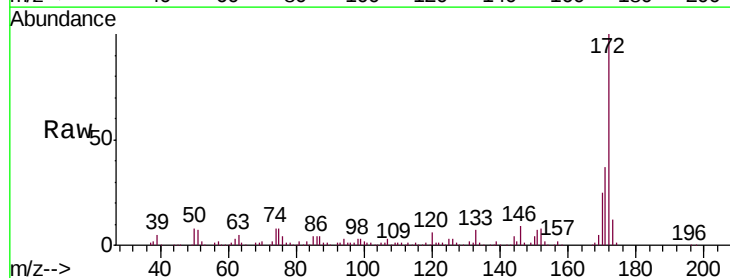
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 46.035 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	445665		
171	36.6	28.5	42.7	
170	25.0	18.8	28.2	





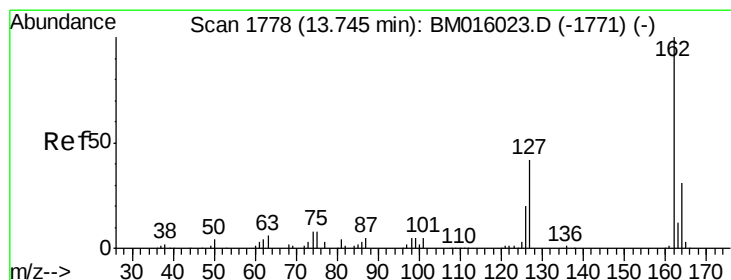
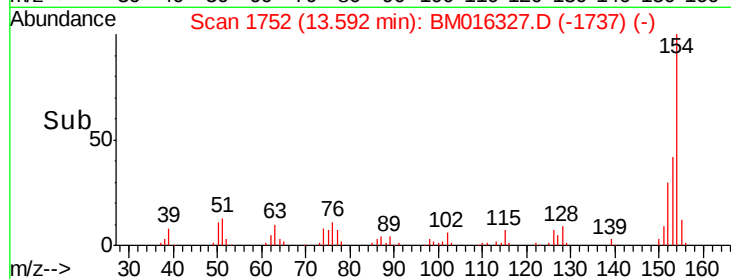
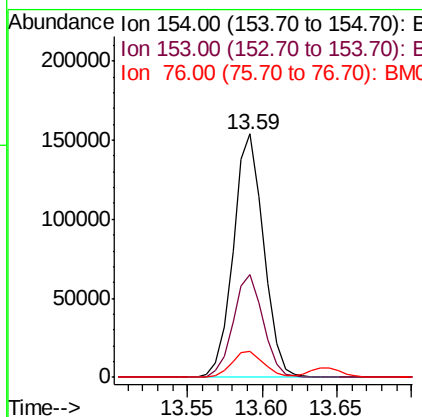
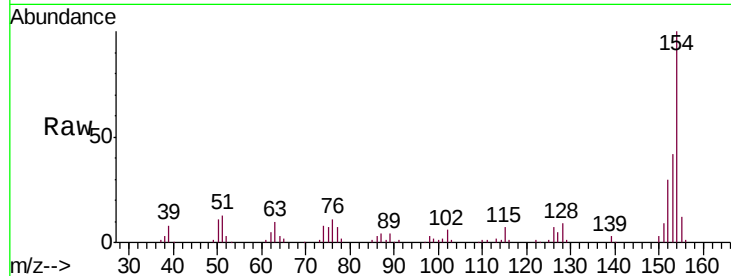
#45
 1,1'-Biphenyl
 Concen: 44.968 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	217900		
153	42.3	20.7	60.7	
76	10.8	0.0	30.9	

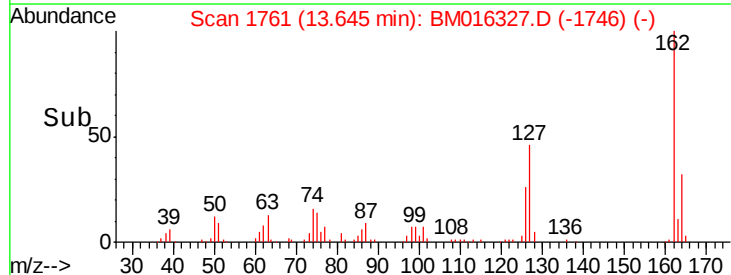
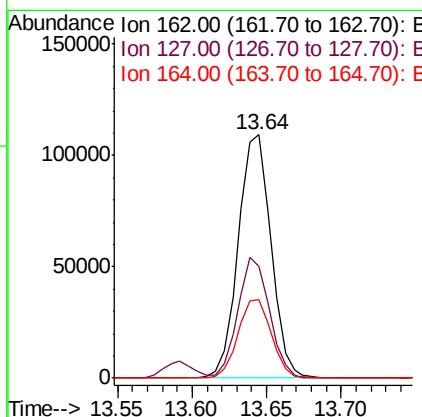
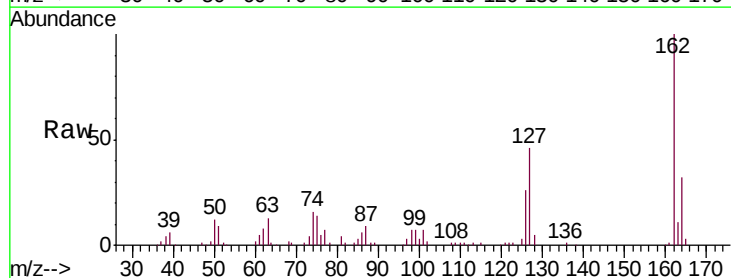
Manual Integrations
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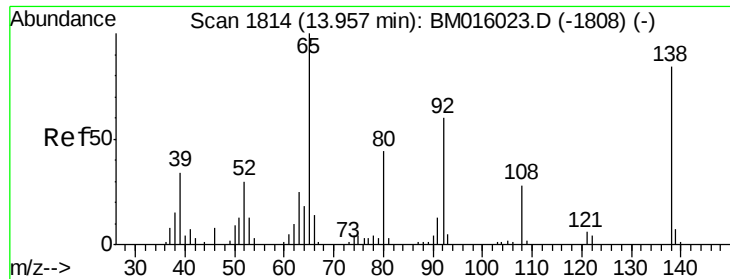
Sohil
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#46
 2-Chloronaphthalene
 Concen: 44.208 ng
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	166612		
127	46.0	26.9	40.3#	
164	32.4	26.8	40.2	





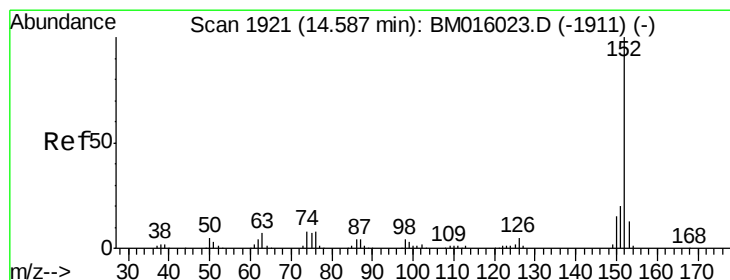
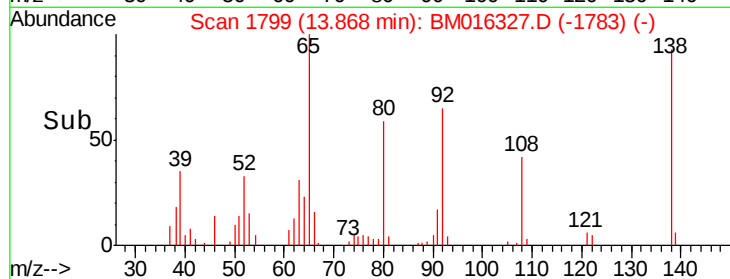
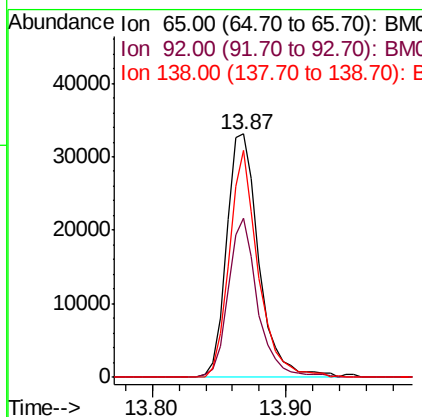
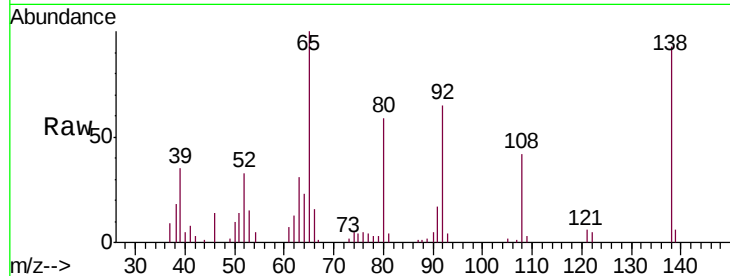
#47
 2-Nitroaniline
 Concen: 44.809 ng
 RT: 13.87 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	59.1	88.7
138	93.4	93.9	140.9

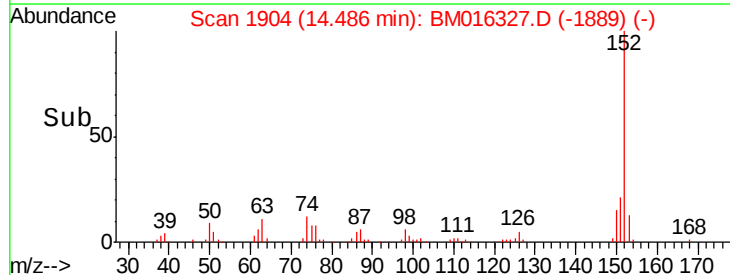
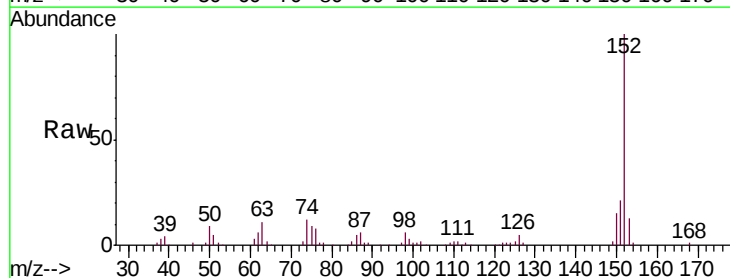
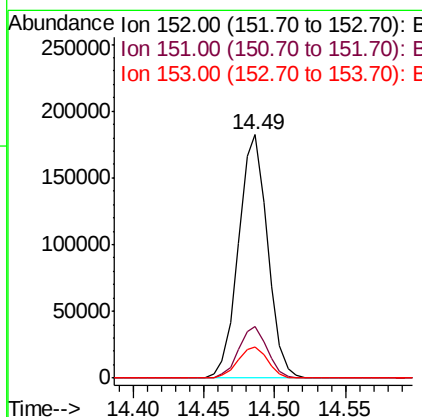
Manual Integrations
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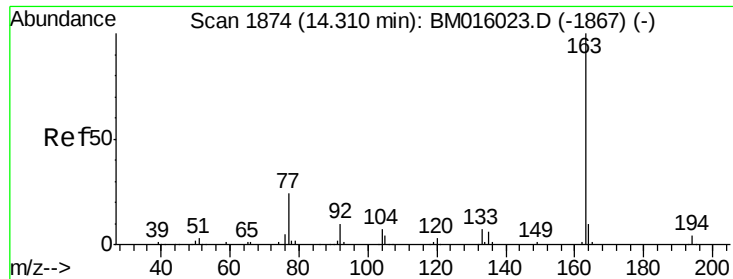
Sohil
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#48
 Acenaphthylene
 Concen: 47.534 ng
 RT: 14.49 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	13.0	10.6	16.0





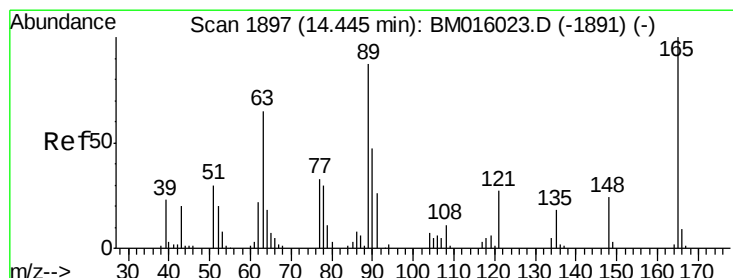
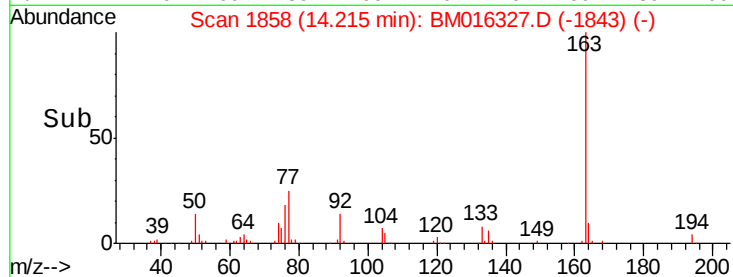
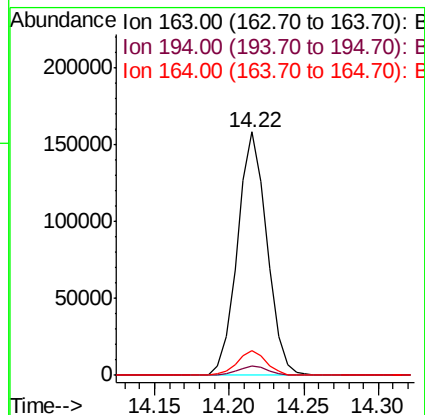
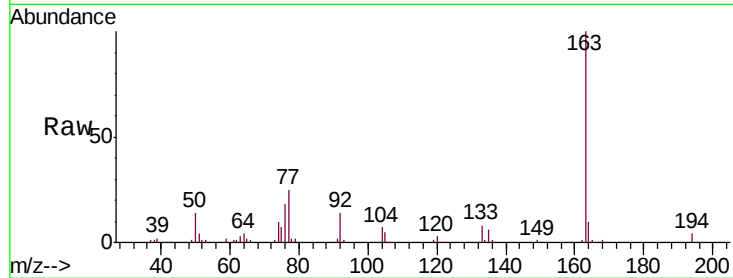
#49
Dimethylphthalate
Concen: 46.219 ng
RT: 14.22 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion:	163	Resp:	217182
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2

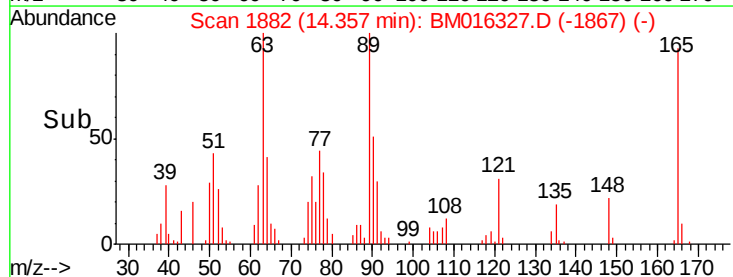
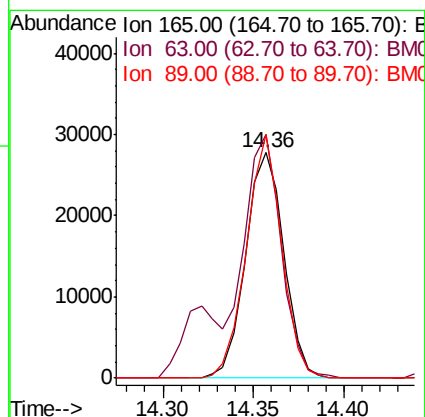
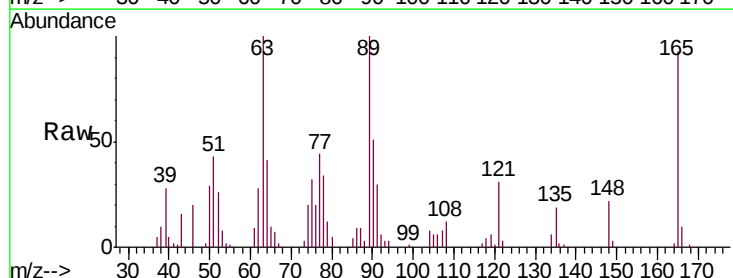
Manual Integrations
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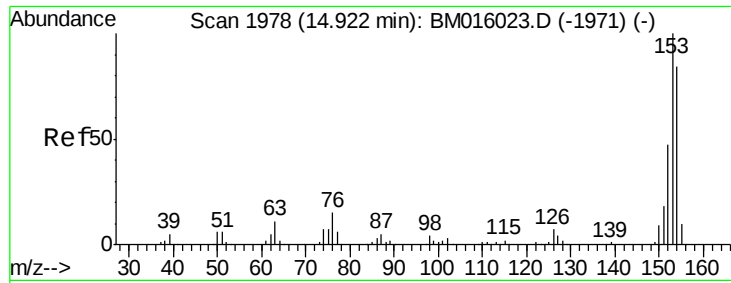
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#50
2,6-Dinitrotoluene
Concen: 42.995 ng
RT: 14.36 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion:	165	Resp:	40650
Ion Ratio	Lower	Upper	
165	100		
63	108.0	44.1	66.1#
89	108.0	44.3	66.5#





#51

Acenaphthene

Concen: 44.638 ng

RT: 14.82 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM016327.D

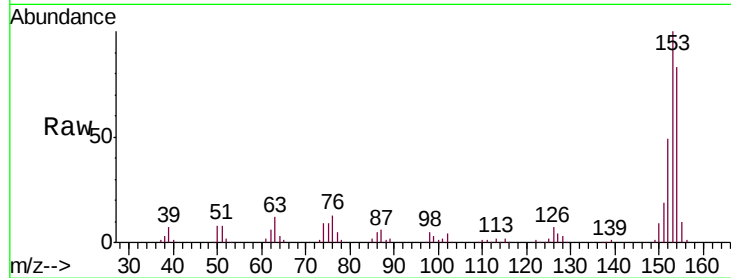
Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

ClientSampleId :

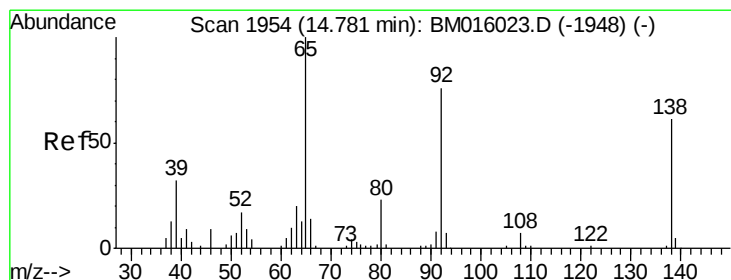
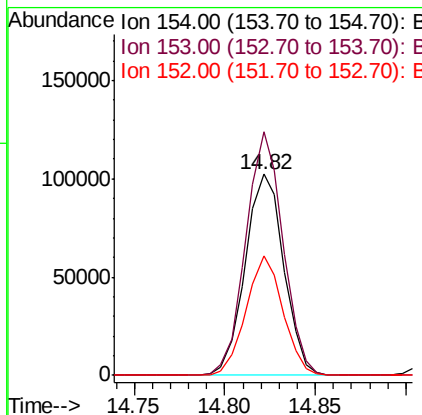
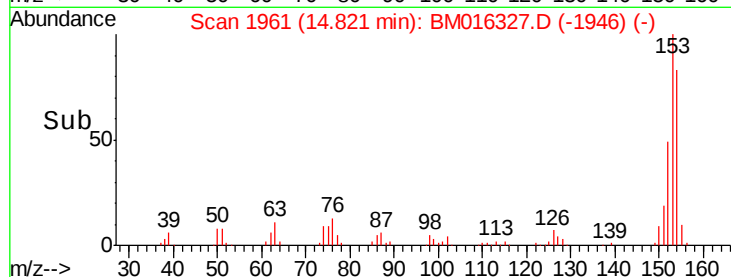
EXCAVATION-SOILMS



Tgt Ion:	154	Resp:	151469
Ion Ratio	Lower	Upper	
154	100		
153	121.0	90.0	135.0
152	59.3	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.920 ng

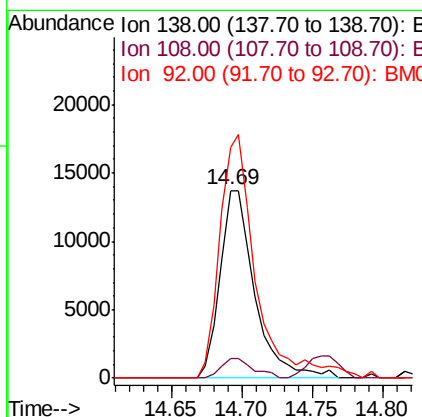
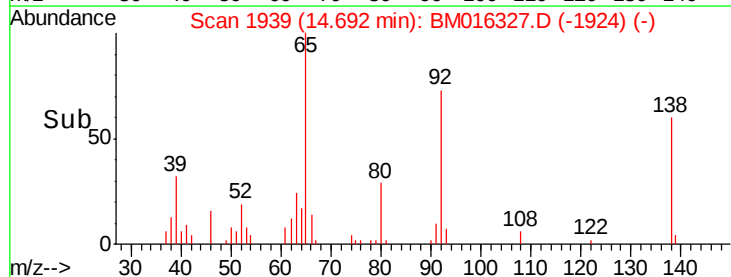
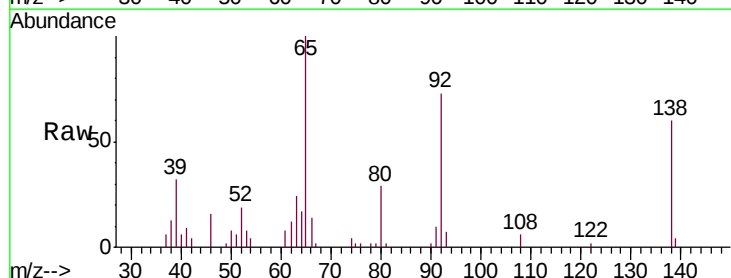
RT: 14.69 min Scan# 1939

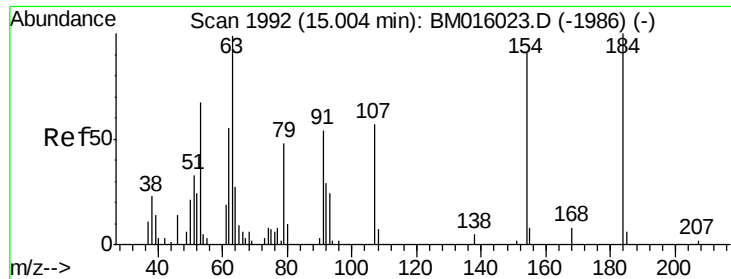
Delta R.T. -0.01 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Tgt Ion:	138	Resp:	23406
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.3	10.9
92	122.7	76.6	114.8#





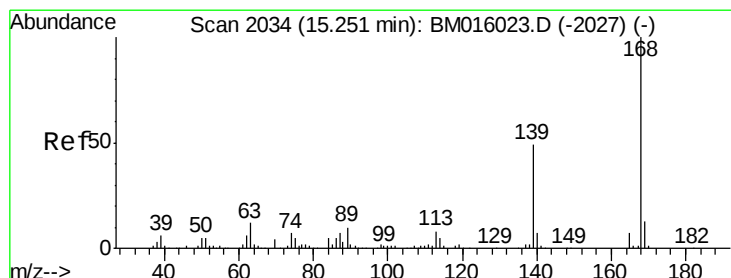
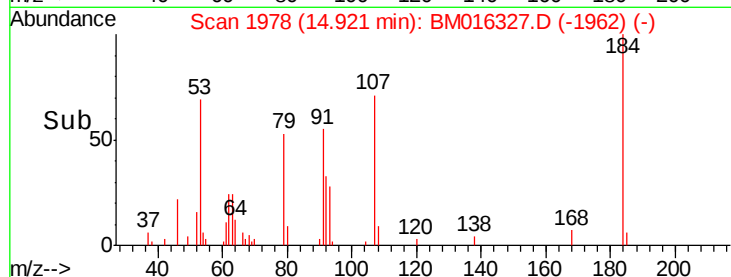
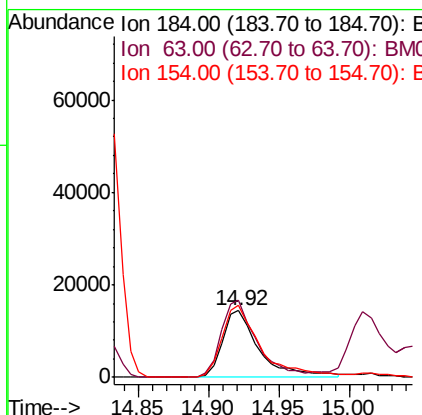
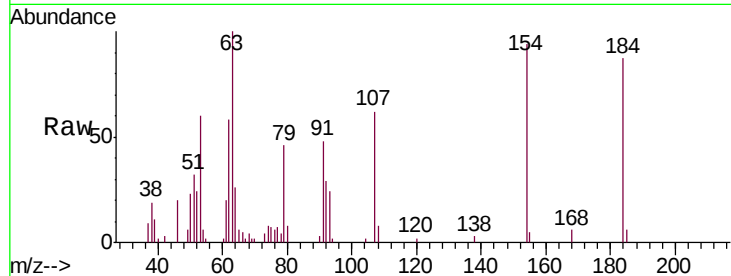
#53
2,4-Dinitrophenol
Concen: 66.235 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion:184 Resp: 26427
Ion Ratio Lower Upper
184 100
63 114.9 69.2 103.8#
154 107.8 53.3 79.9#

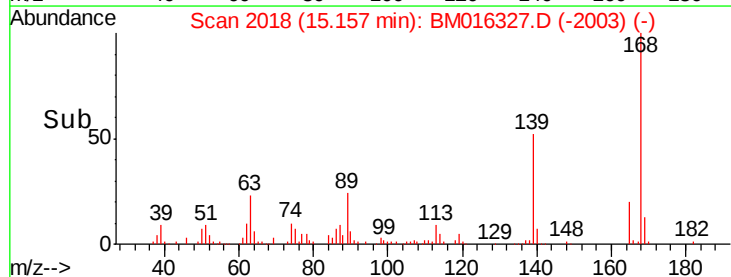
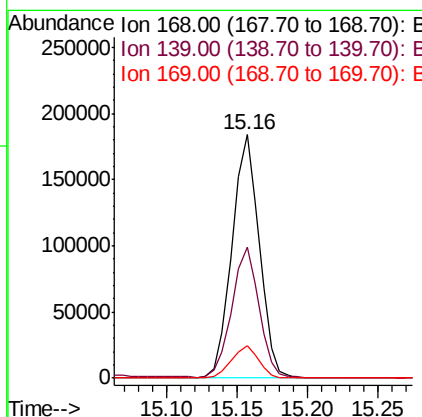
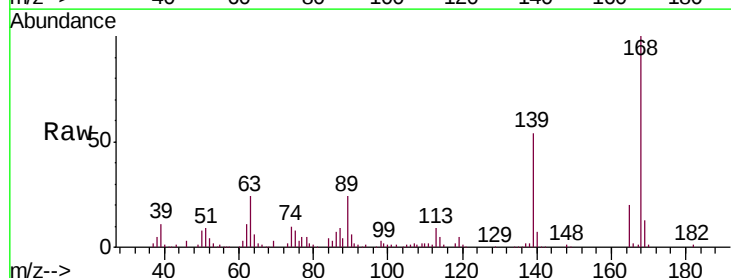
Manual Integrations
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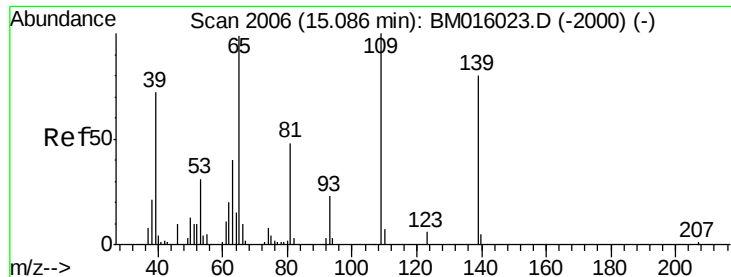
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#54
Dibenzofuran
Concen: 44.391 ng
RT: 15.16 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion:168 Resp: 248220
Ion Ratio Lower Upper
168 100
139 53.6 27.3 40.9#
169 13.4 10.6 16.0





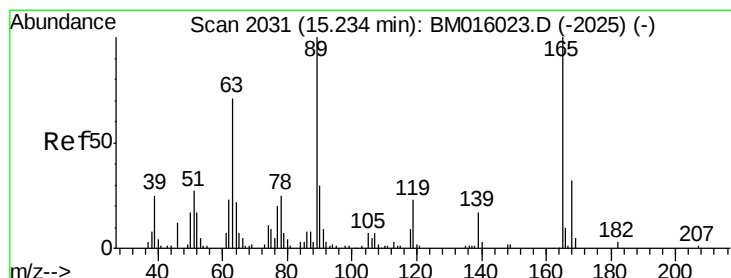
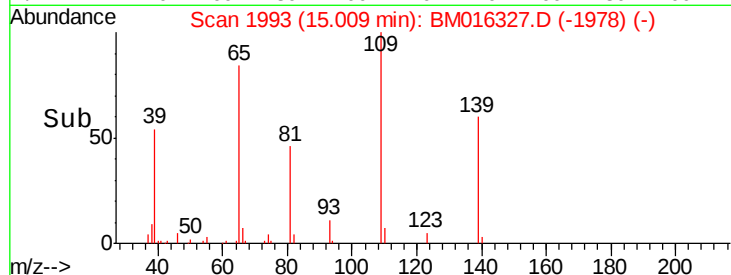
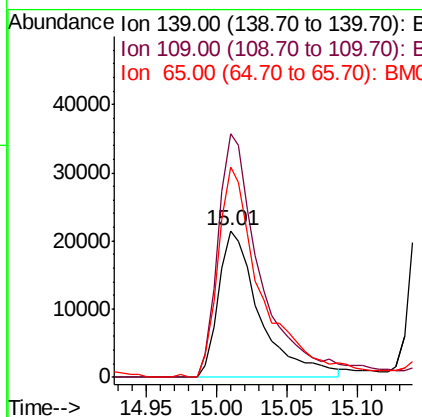
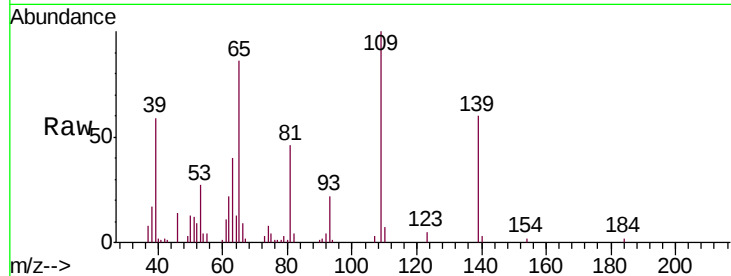
#55
4-Nitrophenol
Concen: 60.305 ng
RT: 15.01 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion:139 Resp: 44147
Ion Ratio Lower Upper
139 100
109 165.7 130.0 170.0
65 143.2 130.0 170.0

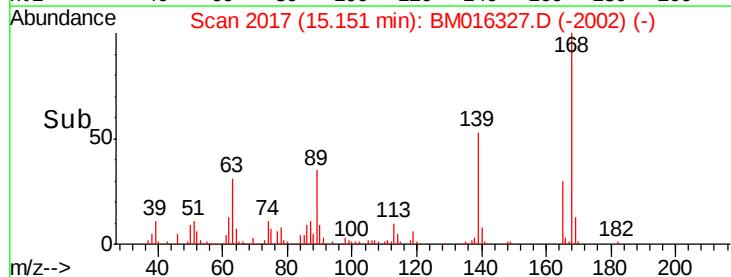
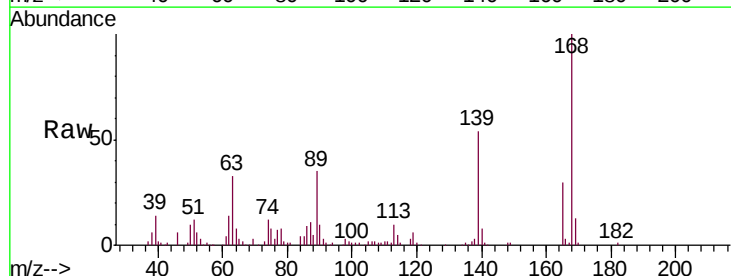
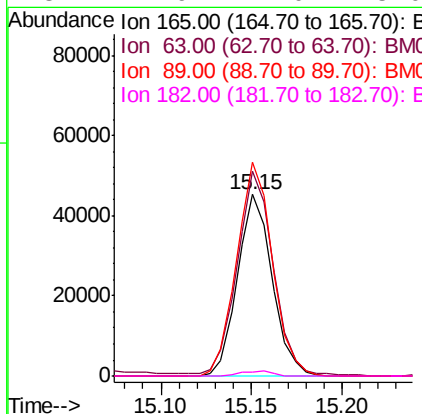
Manual Integrations
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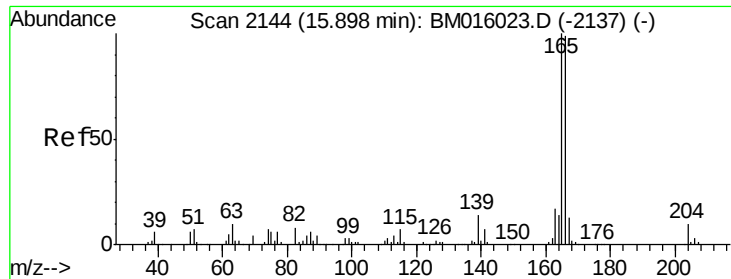
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.569 ng
RT: 15.15 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion:165 Resp: 60251
Ion Ratio Lower Upper
165 100
63 112.5 52.4 78.6#
89 117.7 72.4 108.6#
182 1.9 2.0 3.0#





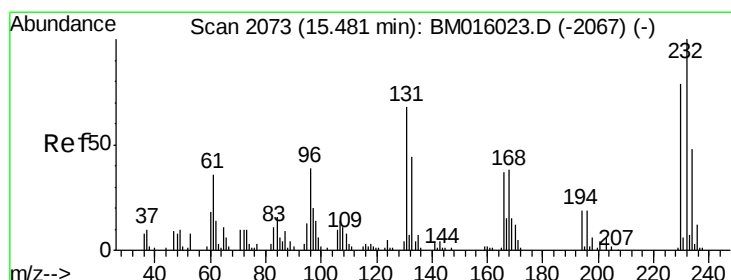
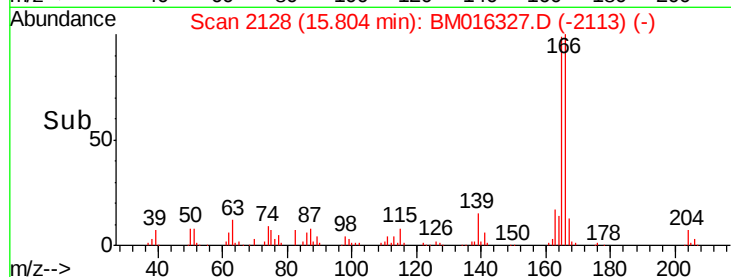
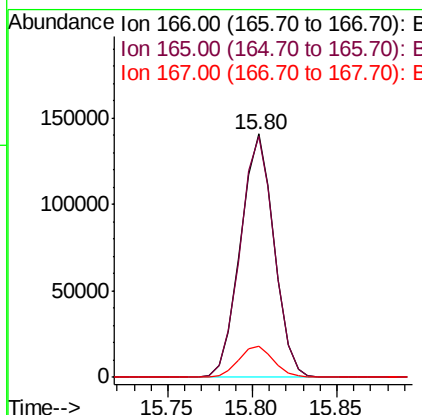
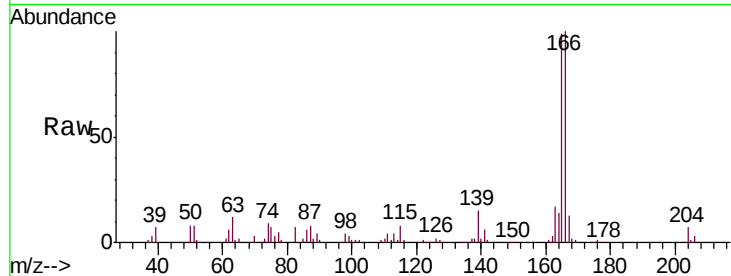
#57
 Fluorene
 Concen: 46.961 ng
 RT: 15.80 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	195133		
165	99.2	79.0	118.4	
167	12.9	10.3	15.5	

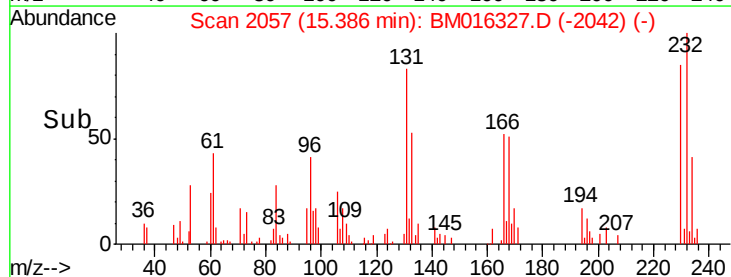
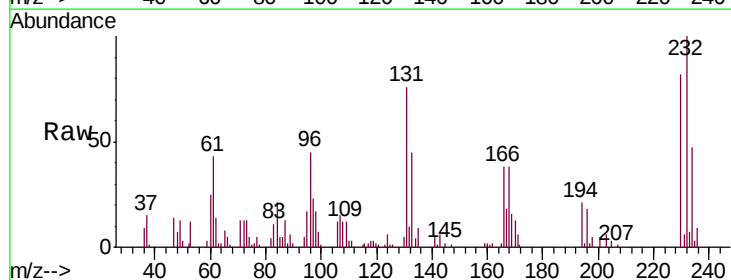
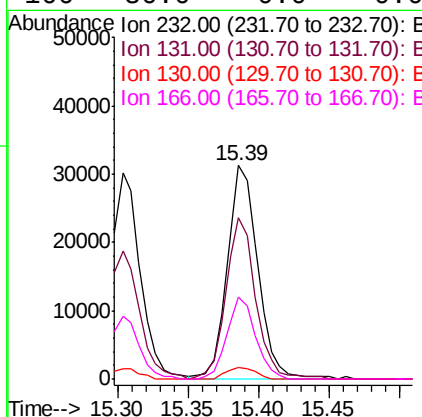
Manual Integrations
 APPROVED

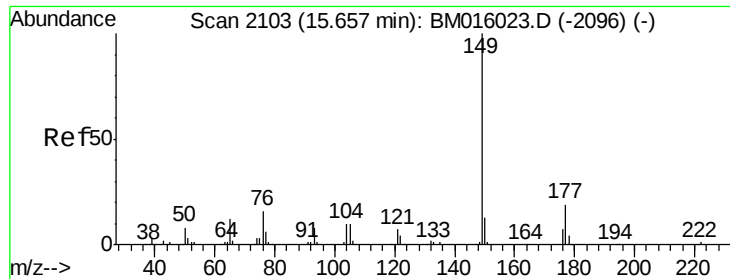
Sohil
 8/14/2018 4:27:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.522 ng
 RT: 15.39 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	47173		
131	73.3	0.0	0.0#	
130	5.0	0.0	0.0#	
166	36.0	0.0	0.0#	





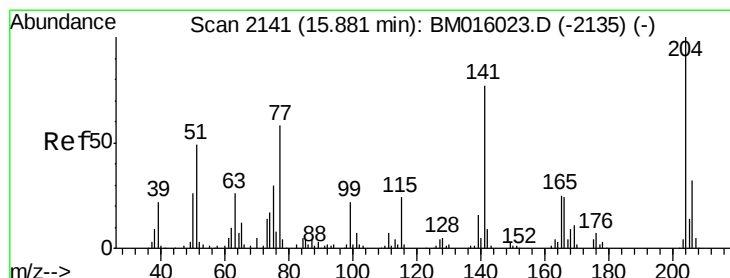
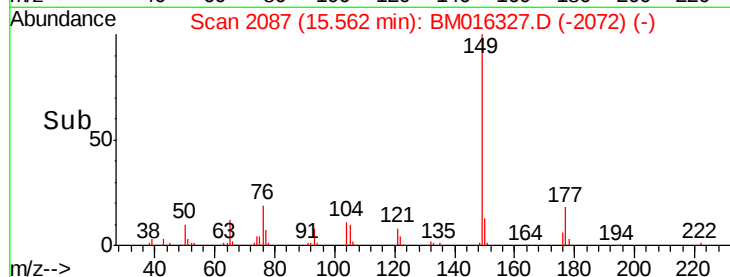
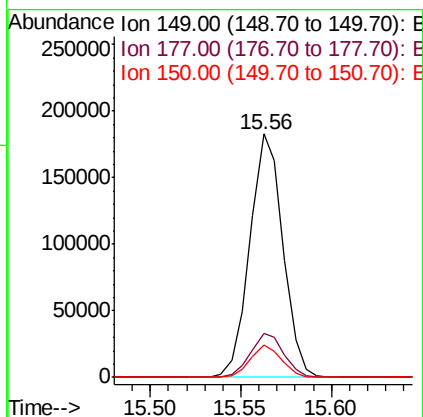
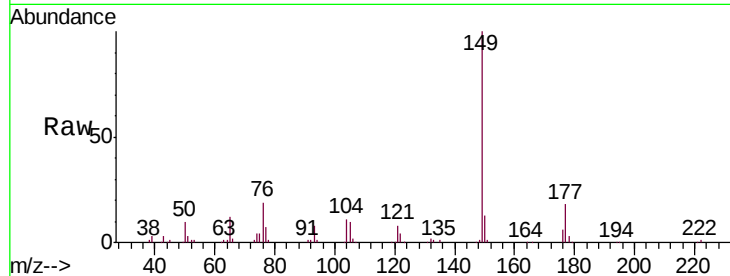
#59
Diethylphthalate
Concen: 45.634 ng
RT: 15.56 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	231127		
177	18.2	18.3	27.5#	
150	13.2	9.8	14.8	

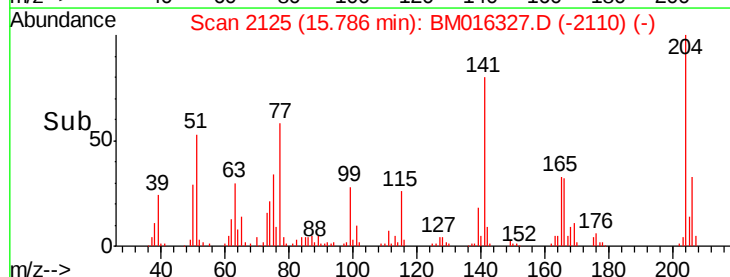
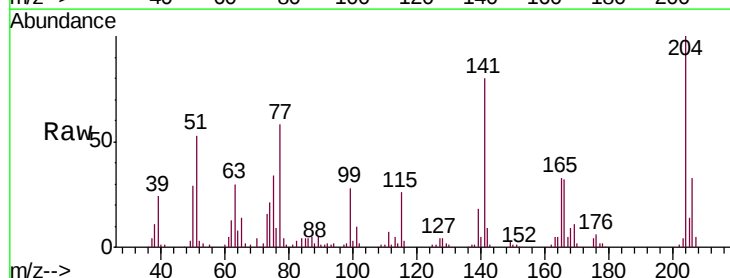
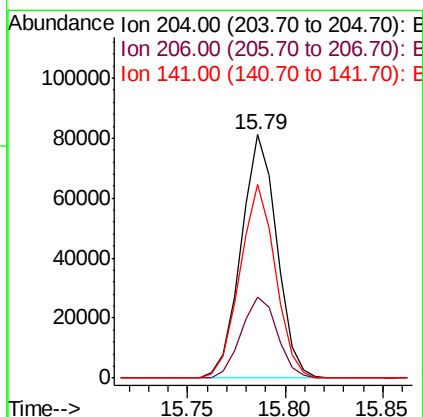
Manual Integrations
APPROVED

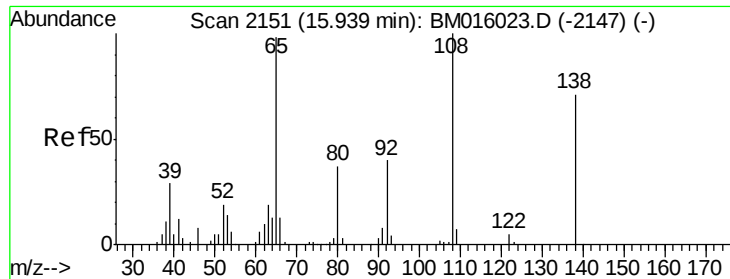
Sohil
8/14/2018 4:27:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.520 ng
RT: 15.79 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	102982		
206	33.3	26.6	39.8	
141	79.8	45.2	67.8#	





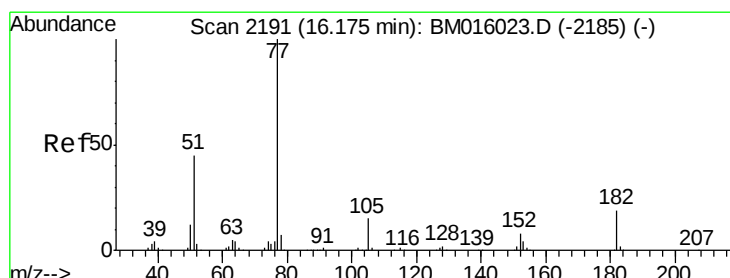
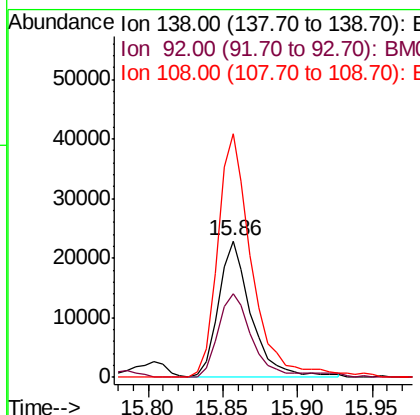
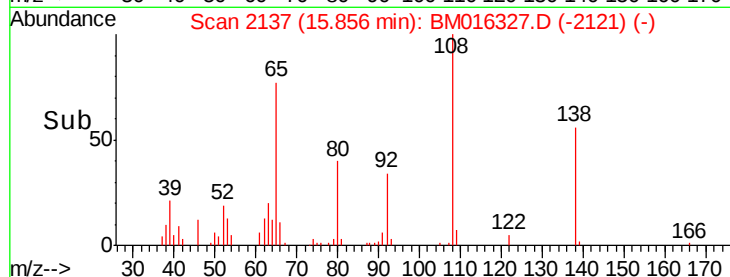
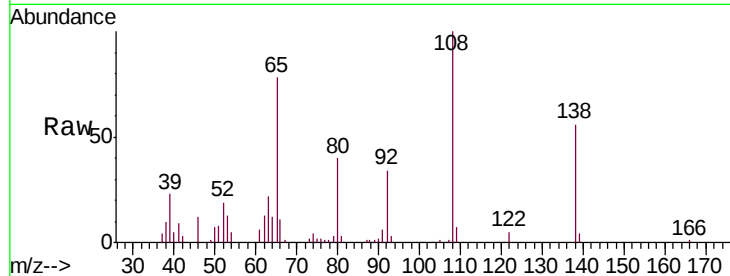
#61
4-Nitroaniline
Concen: 35.961 ng
RT: 15.86 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	35234		
92	61.6	16.7	56.7#	
108	178.6	37.6	77.6#	

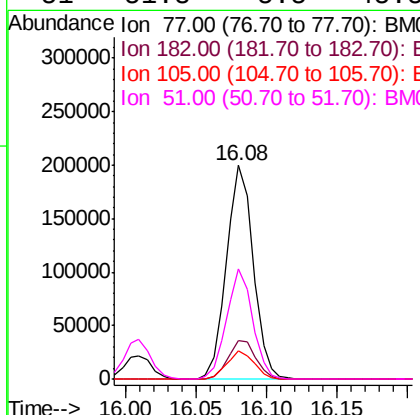
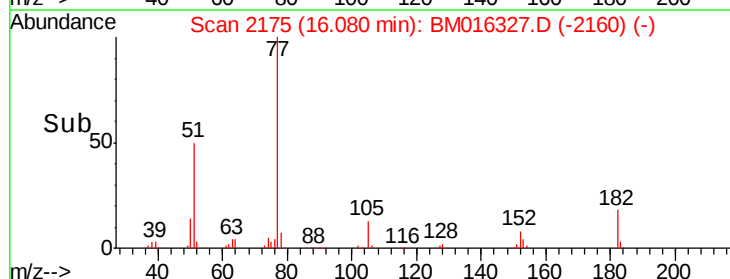
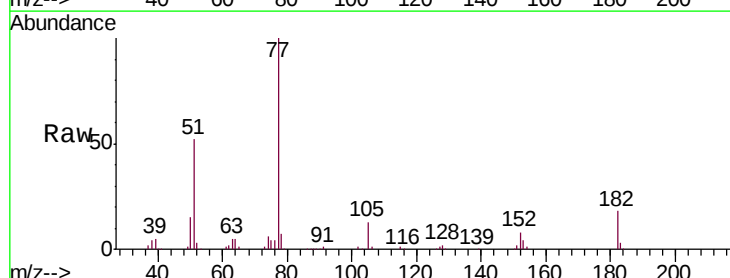
Manual Integrations
APPROVED

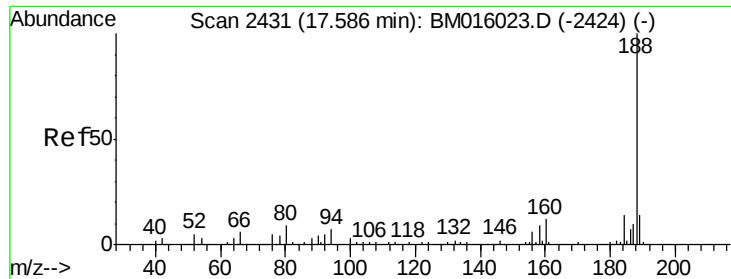
Sohil
8/14/2018 4:27:41 PM



#62
Azobenzene
Concen: 49.636 ng
RT: 16.08 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	264760		
182	17.9	6.5	46.5	
105	13.0	3.8	43.8	
51	51.8	5.5	45.5#	





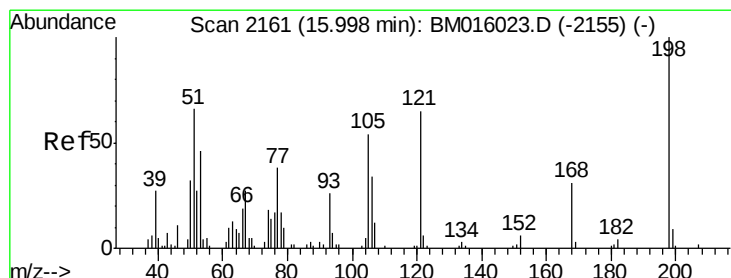
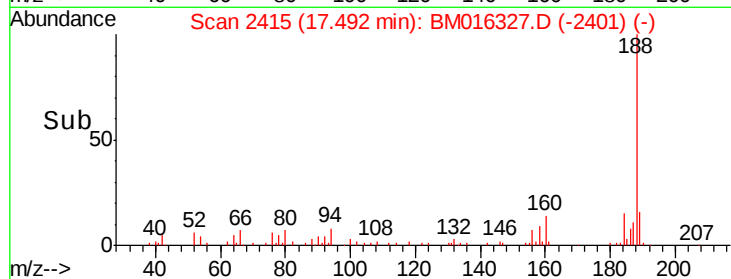
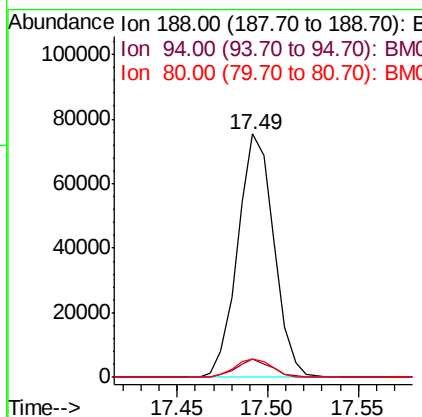
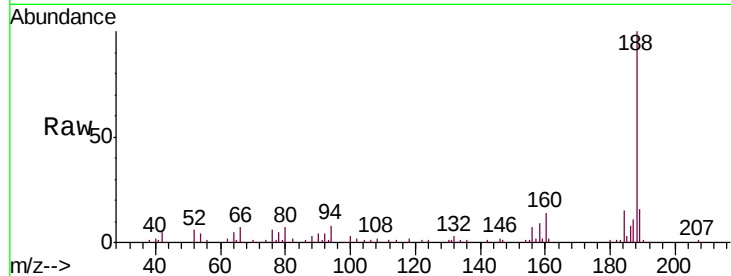
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2415
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleID :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	104438		
94	7.6	8.7	13.1#	
80	7.5	9.3	13.9#	

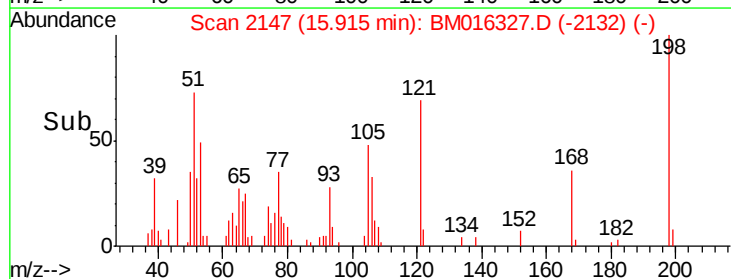
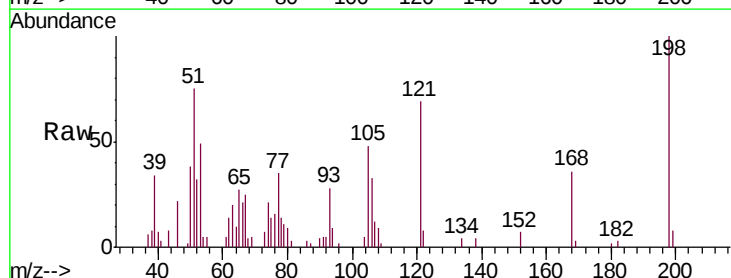
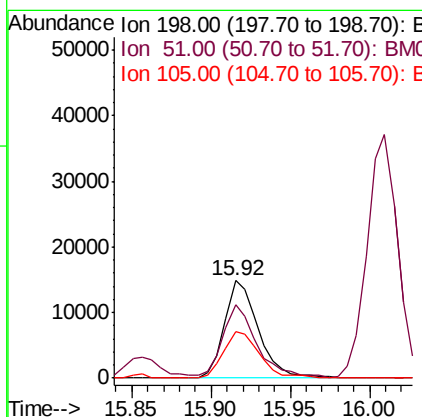
Manual Integrations
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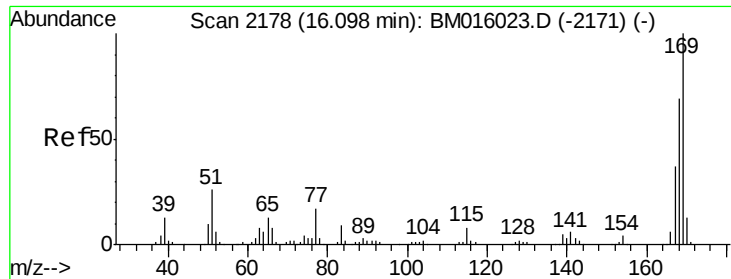
Sohil
 8/14/2018 4:27:41 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.839 ng
 RT: 15.92 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22085		
51	75.4	28.8	68.8#	
105	48.3	30.5	70.5	





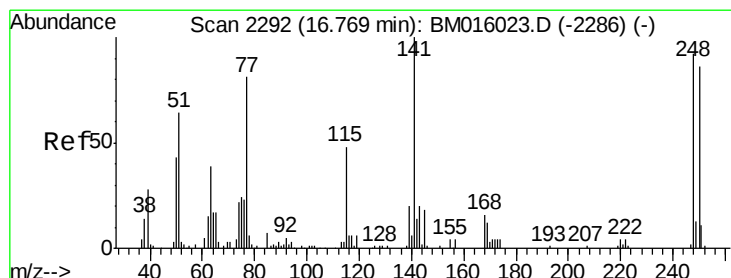
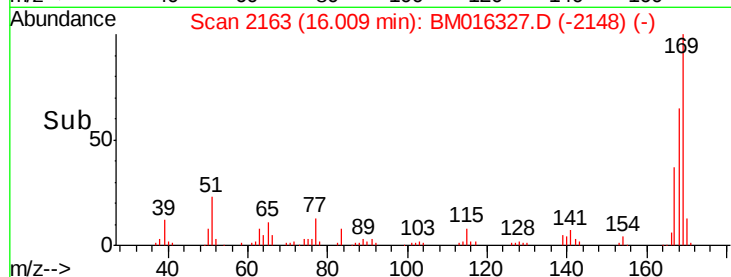
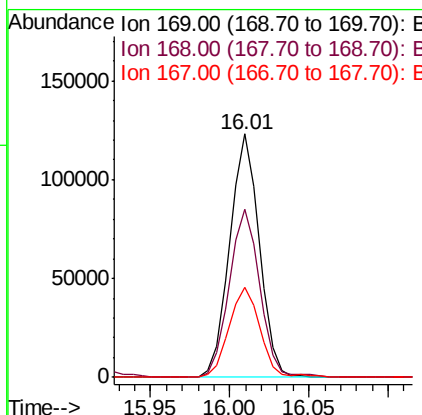
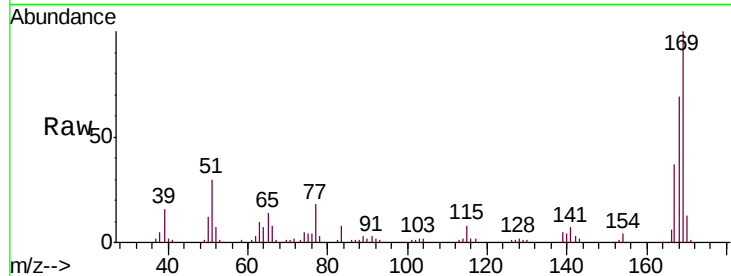
#65
 n-Nitrosodiphenylamine
 Concen: 46.303 ng
 RT: 16.01 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	159234		
168	69.0	53.9	80.9	
167	37.1	28.9	43.3	

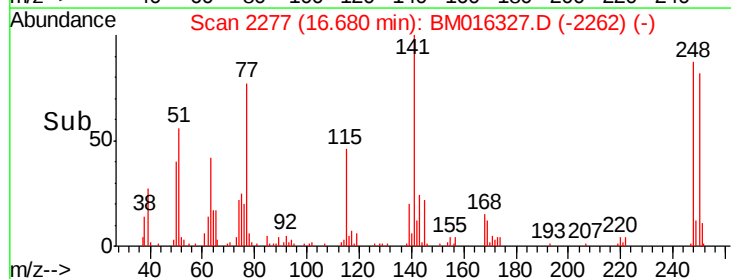
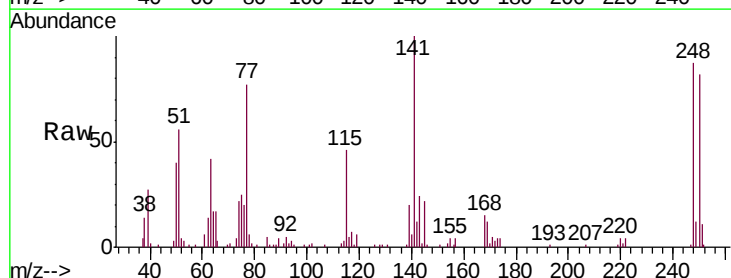
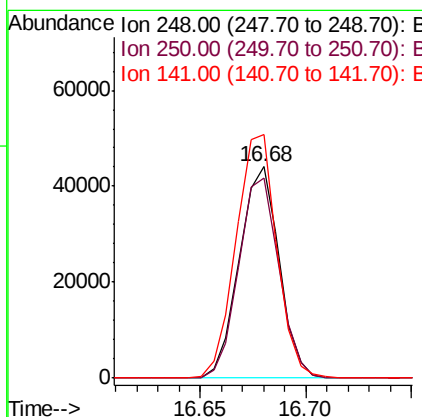
Manual Integrations
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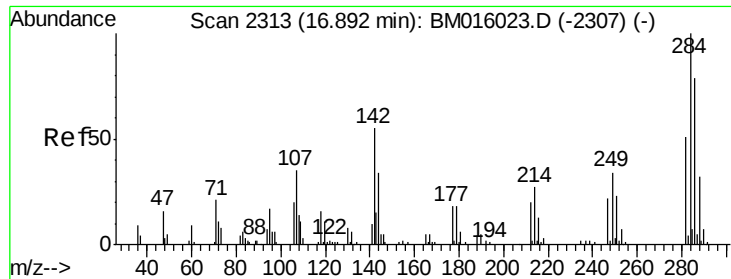
Sohil
 8/14/2018 4:27:41 PM



#66
 4-Bromophenyl-phenylether
 Concen: 48.727 ng
 RT: 16.68 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	57625		
250	94.6	77.4	116.0	
141	115.3	45.2	67.8	





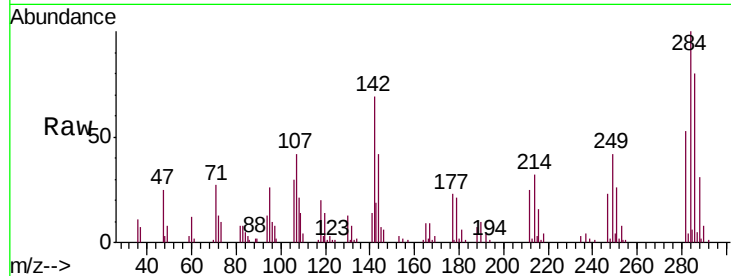
#67
Hexachlorobenzene
Concen: 43.016 ng
RT: 16.80 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

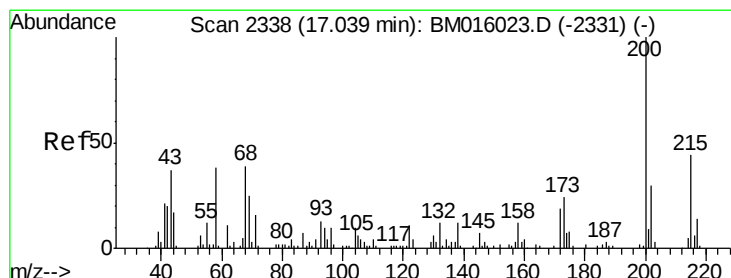
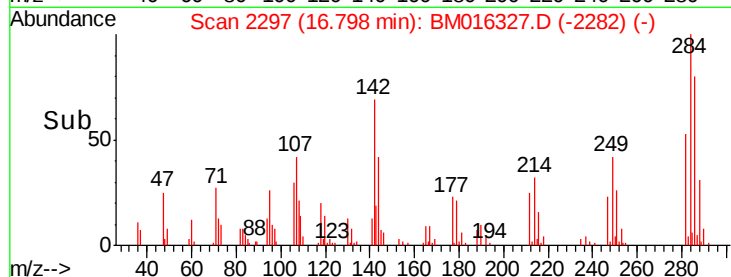
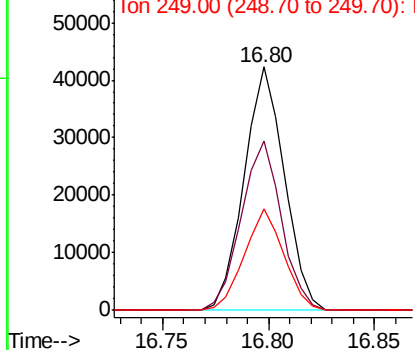
Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	69.3	20.4	30.6#
249	41.6	23.8	35.6#

Manual Integrations
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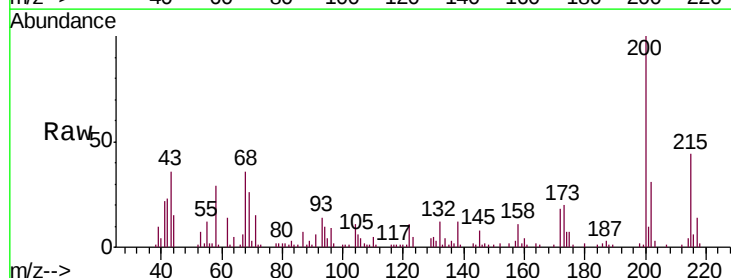


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

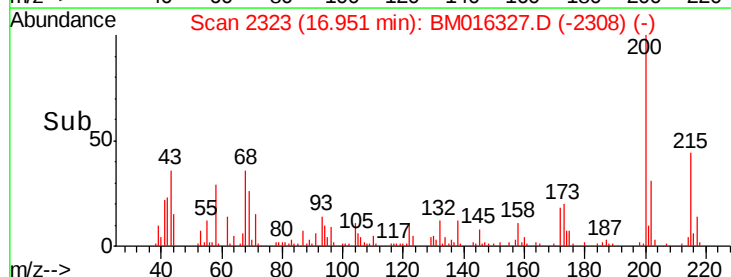
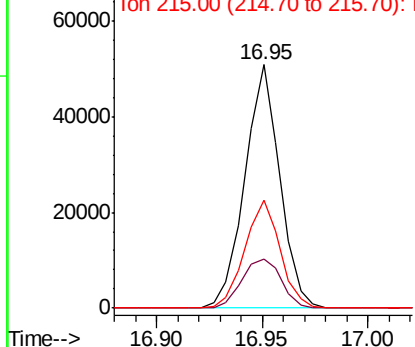


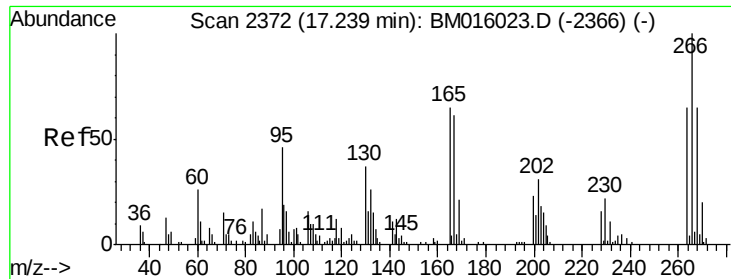
#68
Atrazine
Concen: 47.462 ng
RT: 16.95 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	20.3	4.8	44.8
215	44.1	26.9	66.9



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





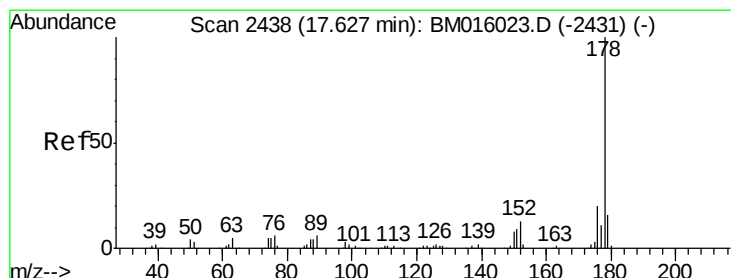
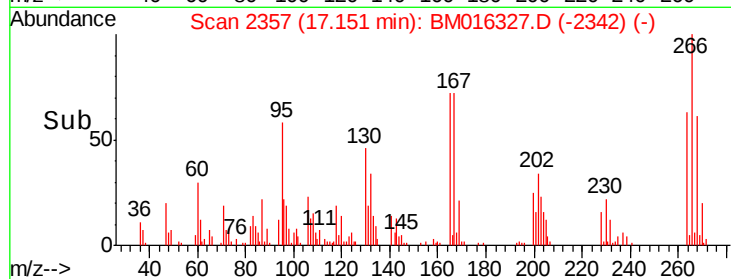
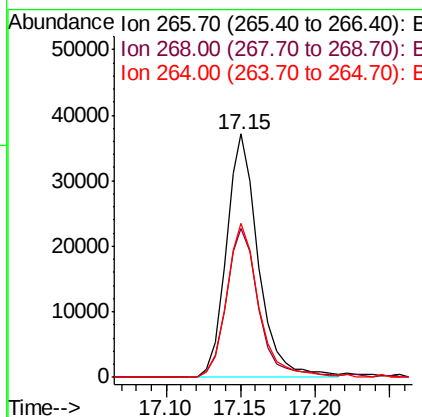
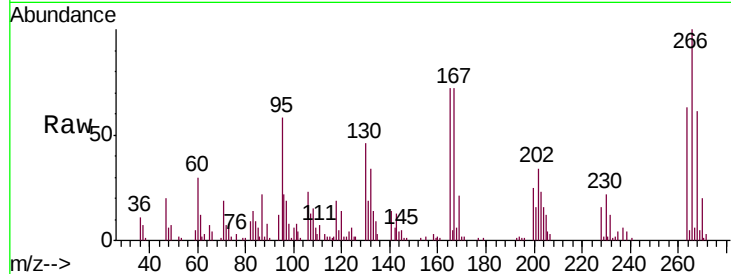
#69
 Pentachlorophenol
 Concen: 69.247 ng
 RT: 17.15 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	55843		
268	61.2	52.0	78.0	
264	63.1	49.0	73.4	

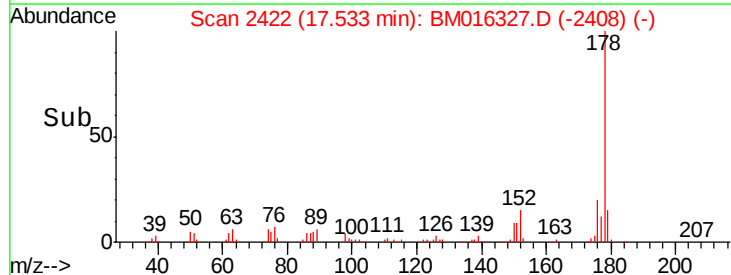
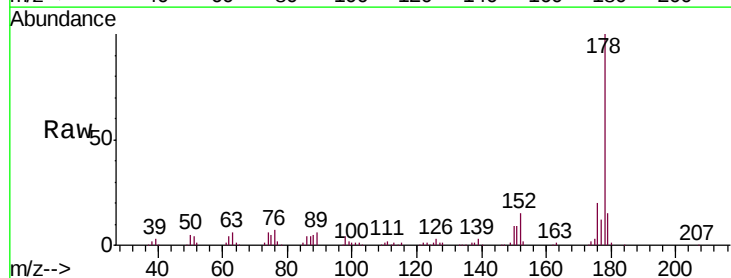
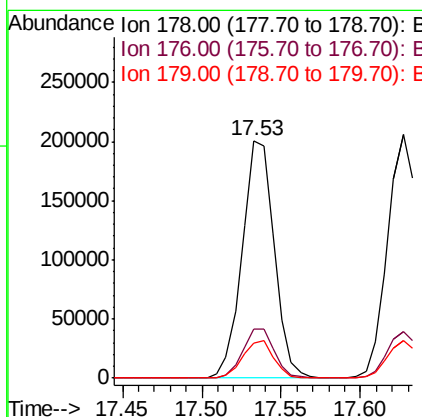
Manual Integrations
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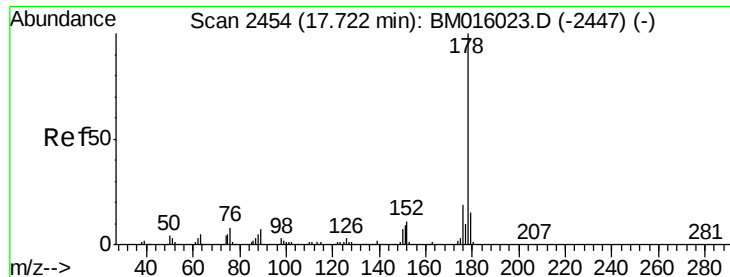
Sohil
 8/14/2018 4:27:41 PM



#70
 Phenanthrene
 Concen: 48.005 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	280688		
176	20.4	15.2	22.8	
179	14.6	12.1	18.1	





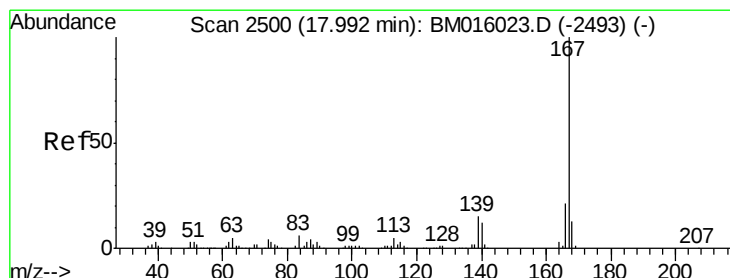
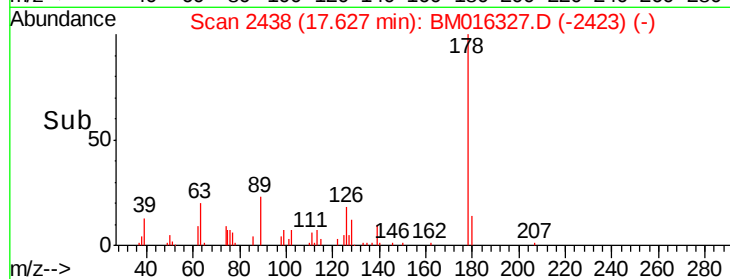
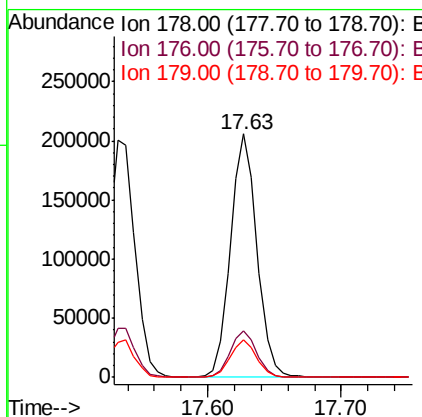
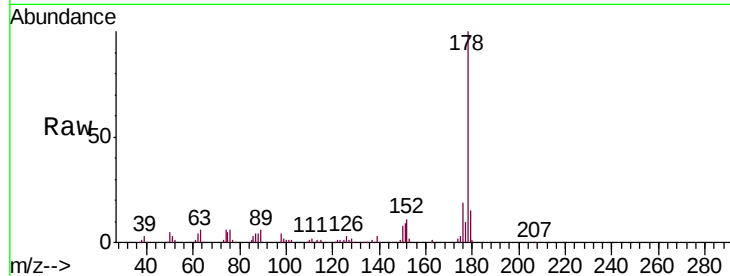
#71
 Anthracene
 Concen: 50.250 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.2	12.6	19.0

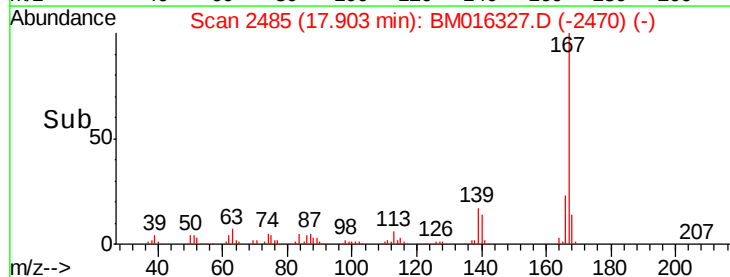
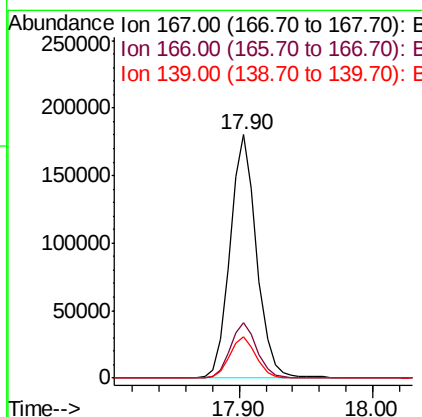
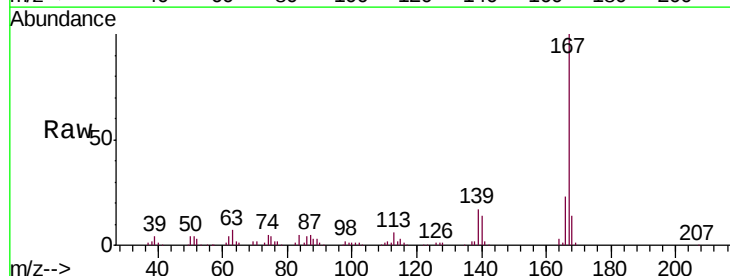
Manual Integrations
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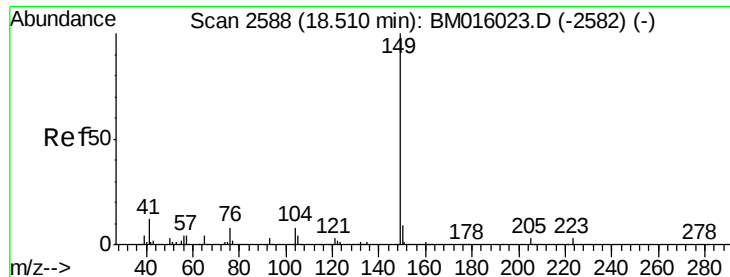
Sohil
 8/14/2018 4:27:41 PM



#72
 Carbazole
 Concen: 42.521 ng
 RT: 17.90 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	16.8	10.8	16.2#





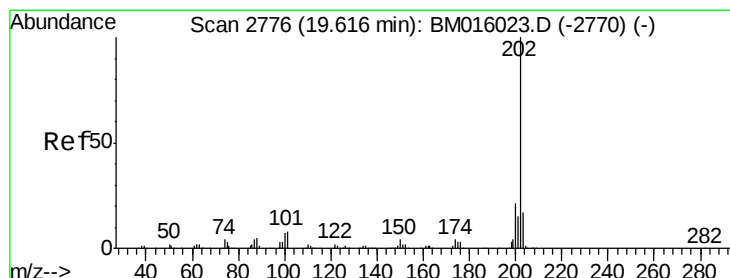
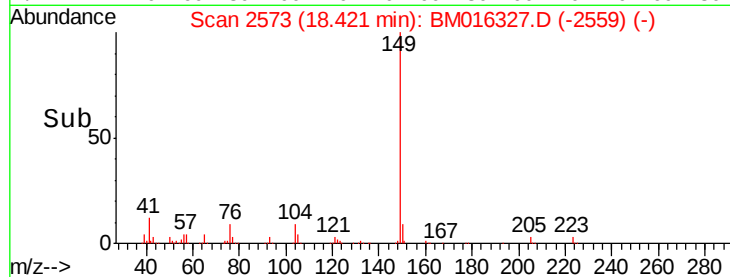
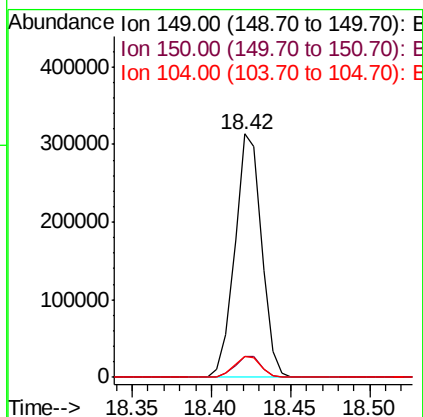
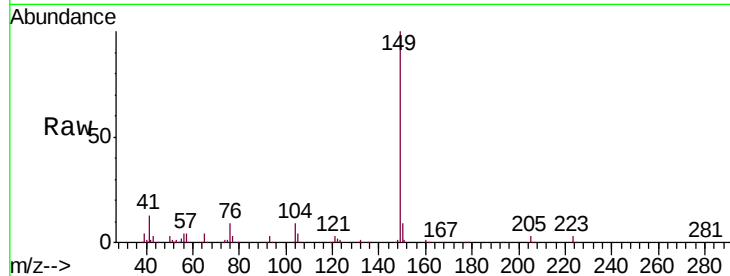
#73
Di-n-butylphthalate
Concen: 49.760 ng
RT: 18.42 min Scan# 2573
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	8.8	7.5	11.3
104	8.7	3.7	5.5

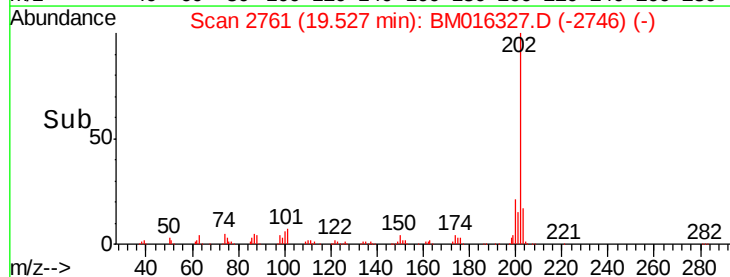
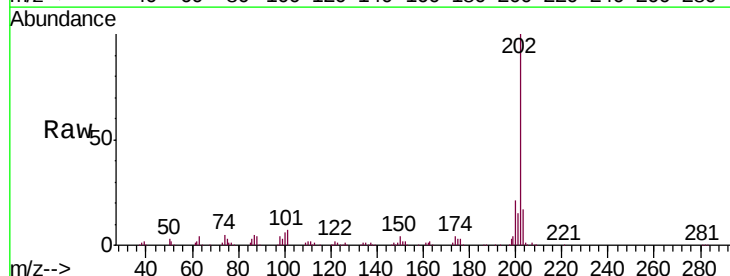
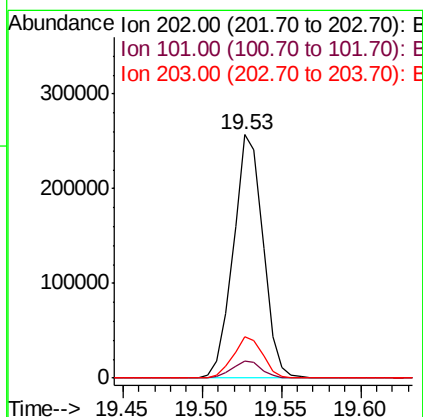
Manual Integrations
APPROVED

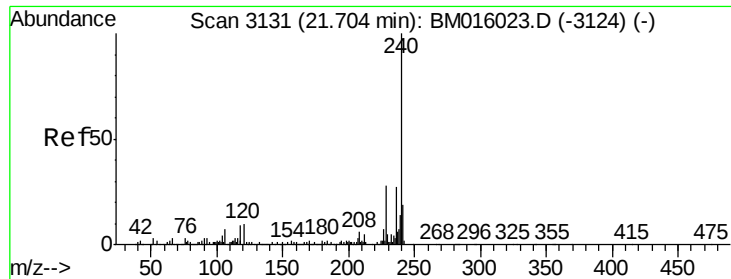
Sohil
8/14/2018 4:27:41 PM



#74
Fluoranthene
Concen: 51.092 ng
RT: 19.53 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	0.0	28.7
203	17.1	0.0	37.2





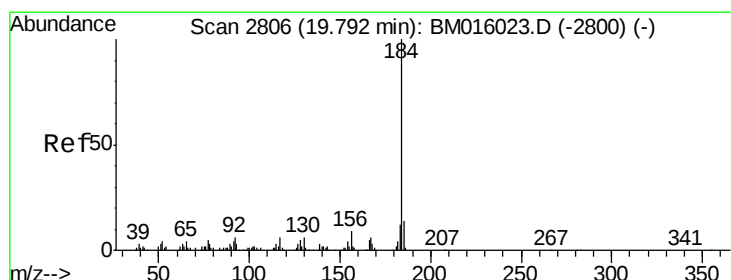
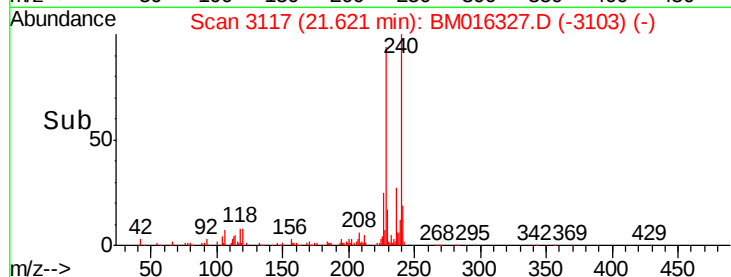
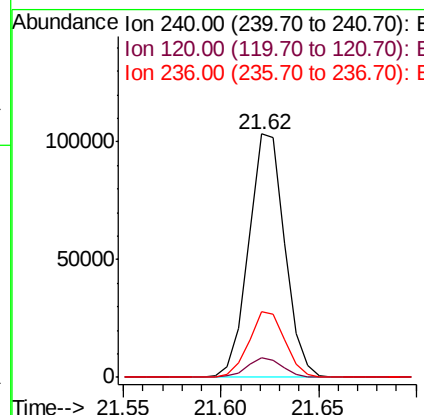
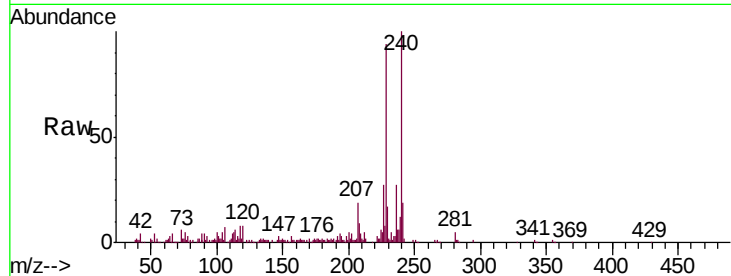
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	132143		
120	8.2	8.2	12.2	
236	26.8	20.0	30.0	

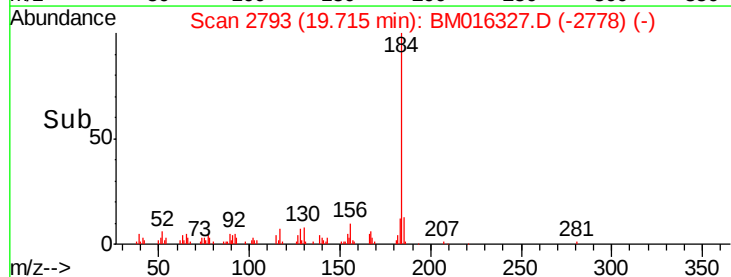
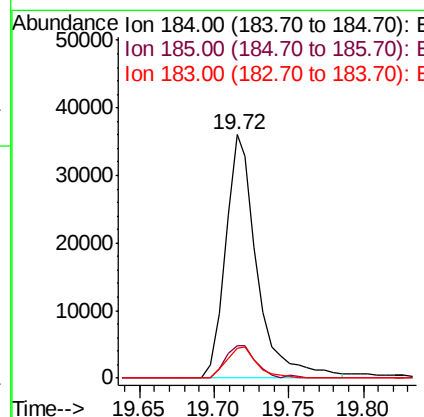
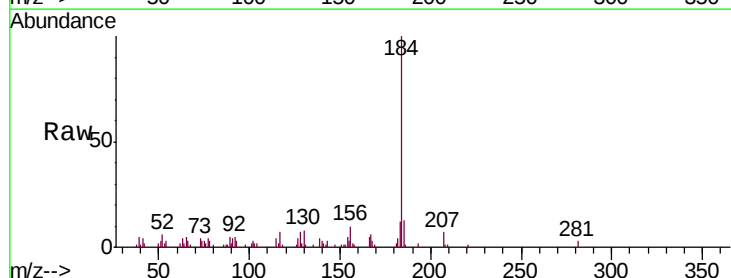
Manual Integrations
 APPROVED

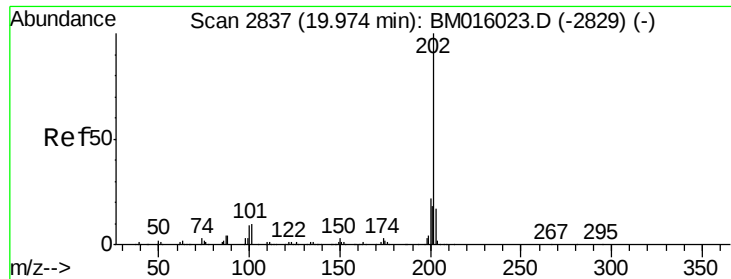
Sohil
 8/14/2018 4:27:41 PM



#76
 Benzidine
 Concen: 14.428 ng
 RT: 19.72 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	53277		
185	13.3	11.3	16.9	
183	12.2	8.9	13.3	





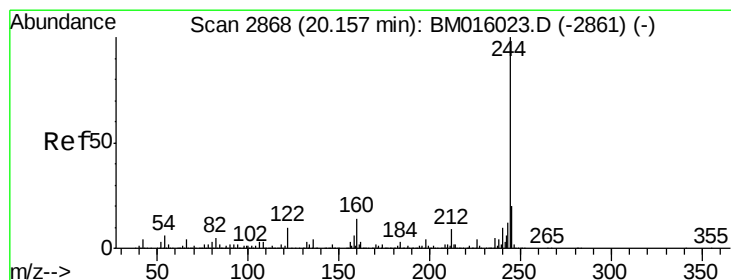
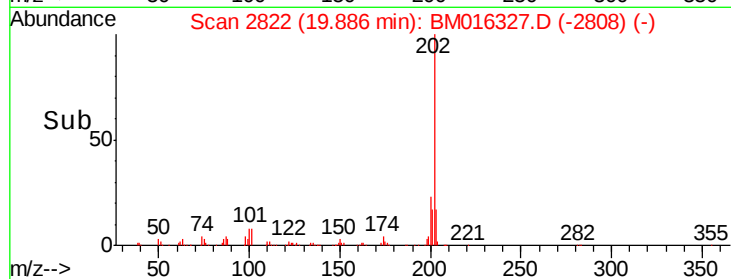
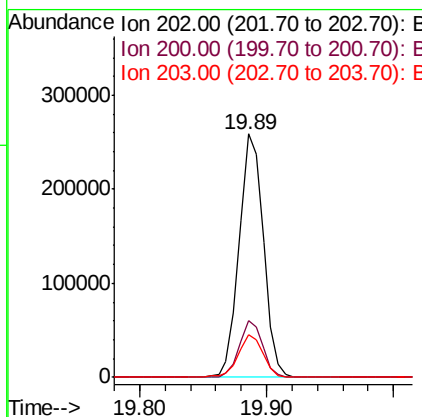
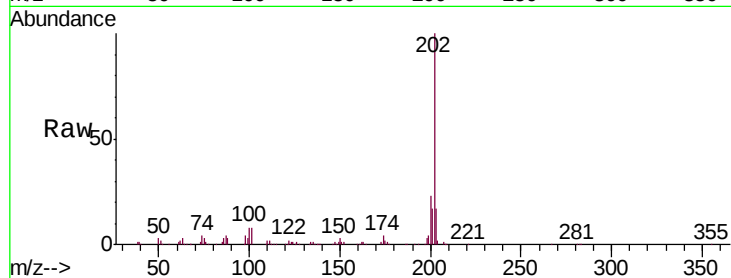
#77
 Pyrene
 Concen: 43.221 ng
 RT: 19.89 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.4	16.9	25.3
203	17.3	14.1	21.1

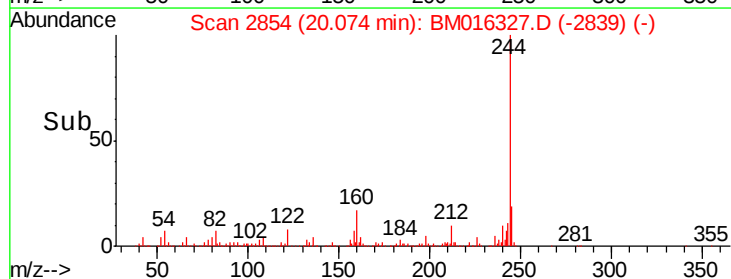
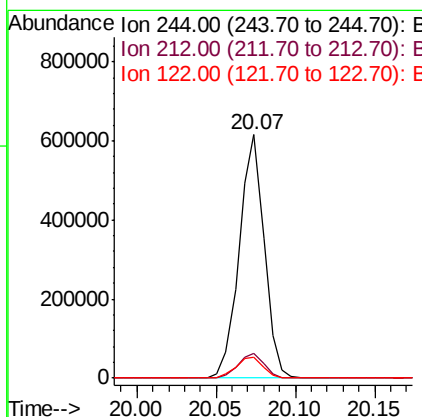
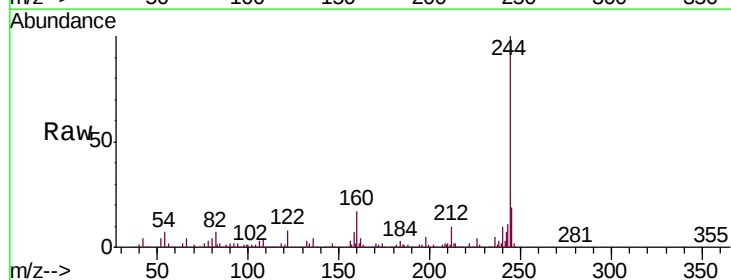
Manual Integrations
 APPROVED

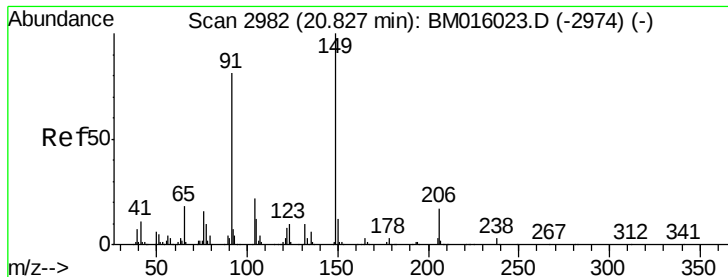
Sohil
 8/14/2018 4:27:41 PM



#78
 Terphenyl-d14
 Concen: 43.221 ng
 RT: 20.07 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	10.2	4.9	7.3#
122	8.4	6.2	9.4





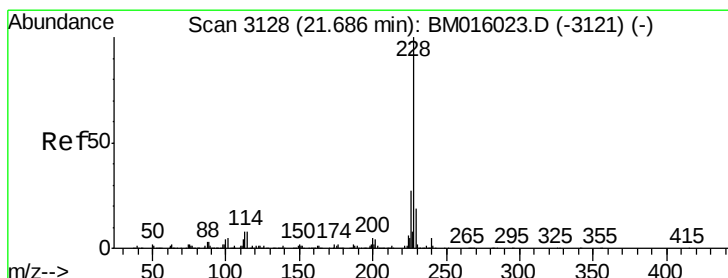
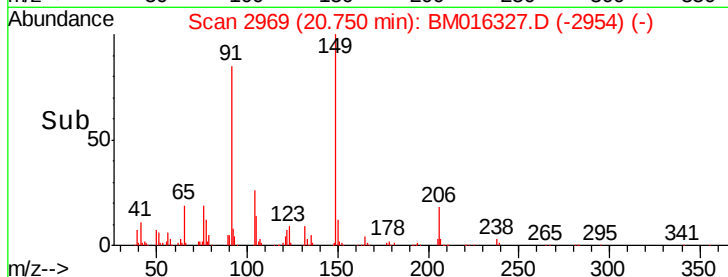
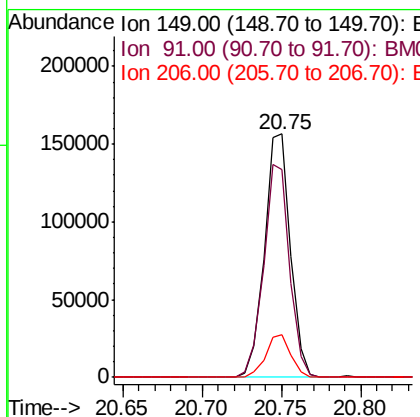
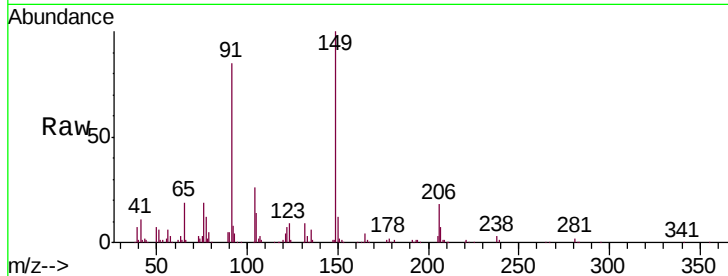
#79
Butylbenzylphthalate
Concen: 44.832 ng
RT: 20.75 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	180351		
91	85.2	50.1	75.1#	
206	17.6	16.2	24.2	

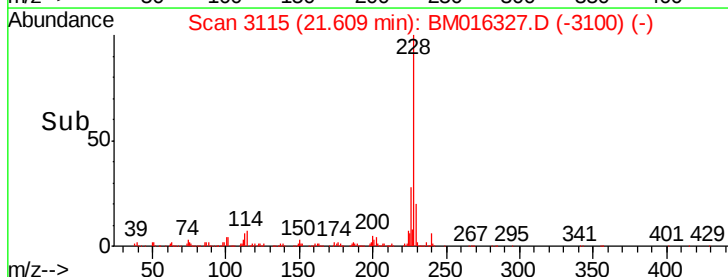
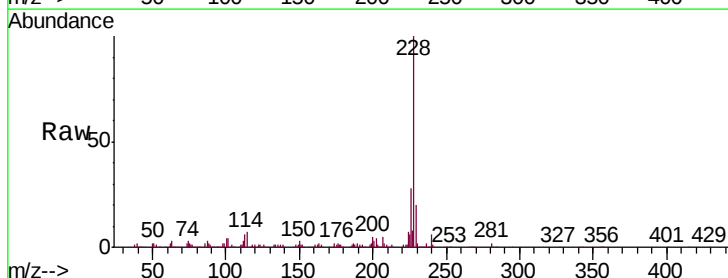
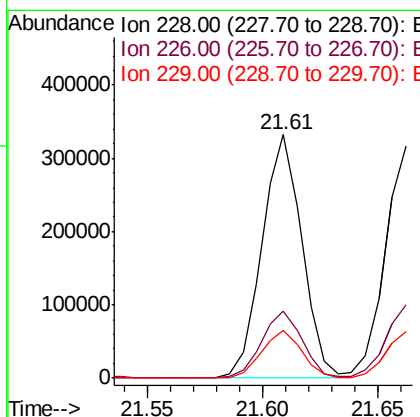
Manual Integrations
APPROVED

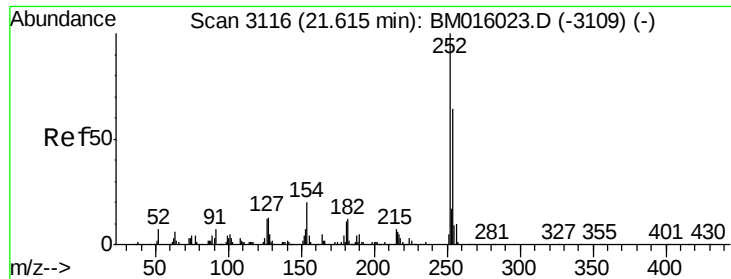
Sohil
8/14/2018 4:27:41 PM



#80
Benzo(a)anthracene
Concen: 48.972 ng
RT: 21.61 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	398577		
226	27.6	21.7	32.5	
229	19.8	16.0	24.0	





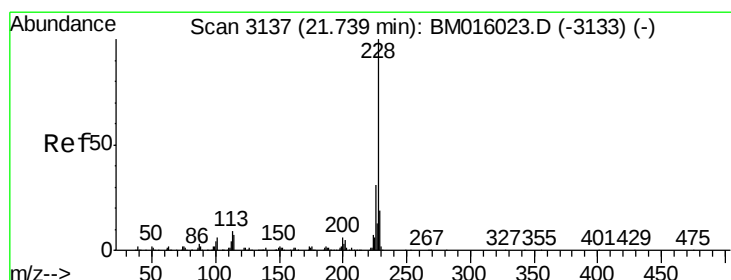
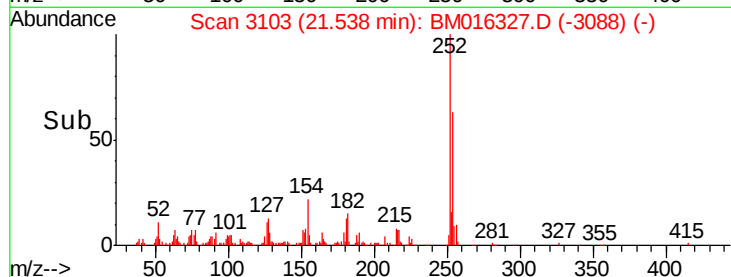
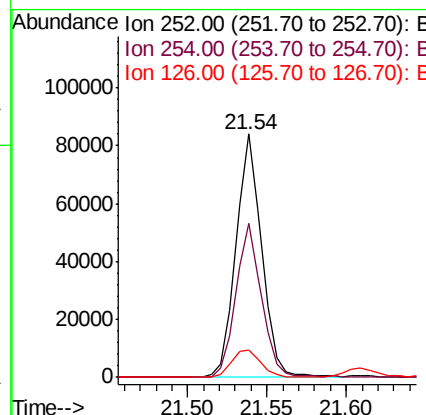
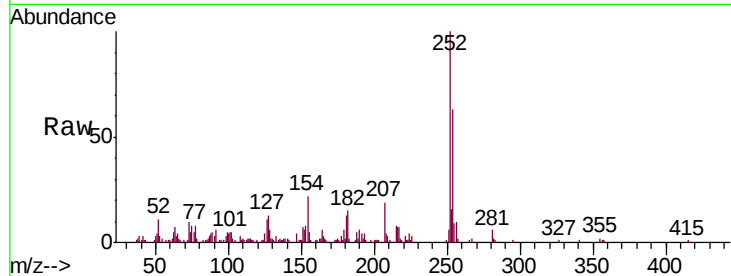
#81
 3,3'-Dichlorobenzidine
 Concen: 28.844 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion:	252	Resp:	94557
Ion Ratio	Lower	Upper	
252	100		
254	63.3	51.9	77.9
126	11.2	9.8	14.8

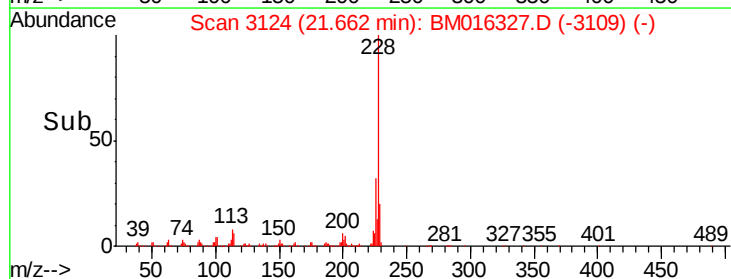
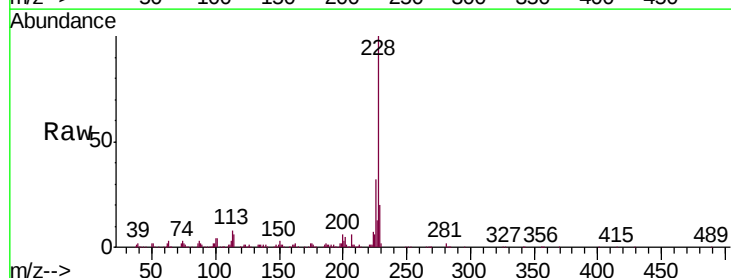
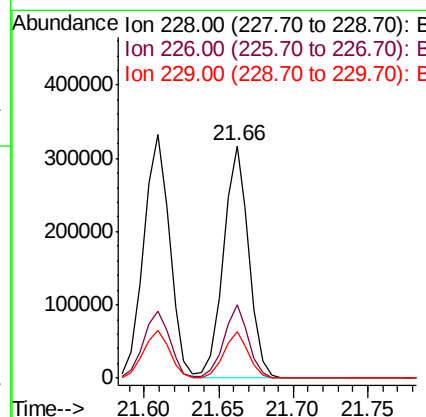
Manual Integrations
 APPROVED

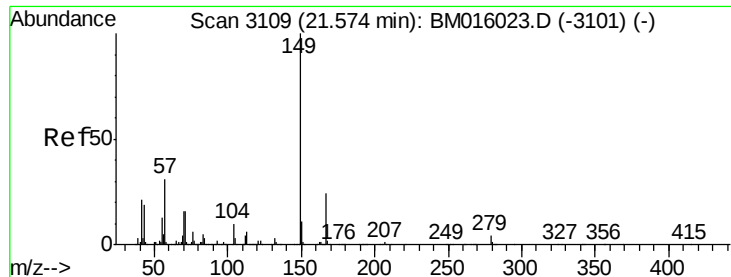
Sohil
 8/14/2018 4:27:41 PM



#82
 Chrysene
 Concen: 48.238 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion:	228	Resp:	376608
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.1	36.1
229	19.8	15.5	23.3





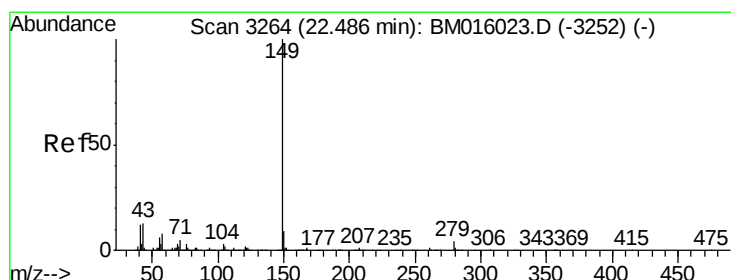
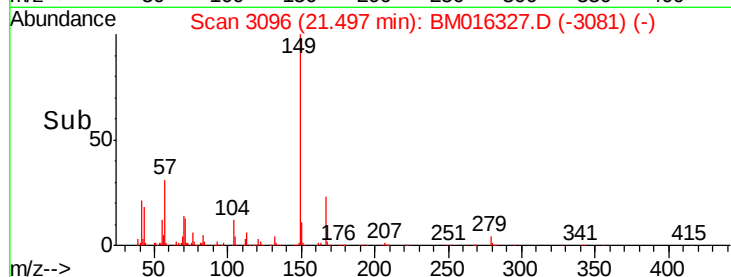
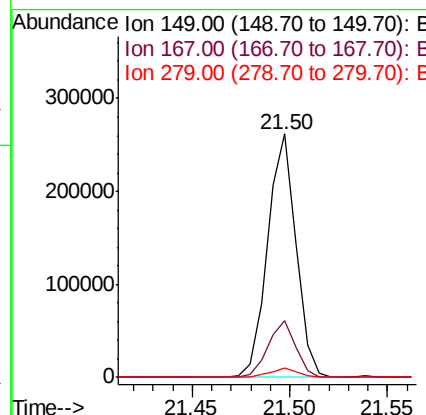
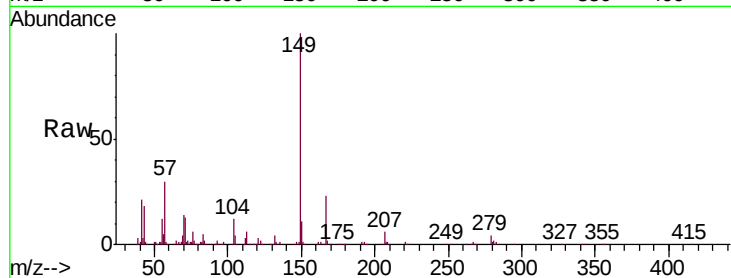
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.020 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	262474		
167	23.4	22.4	33.6	
279	3.9	3.4	5.0	

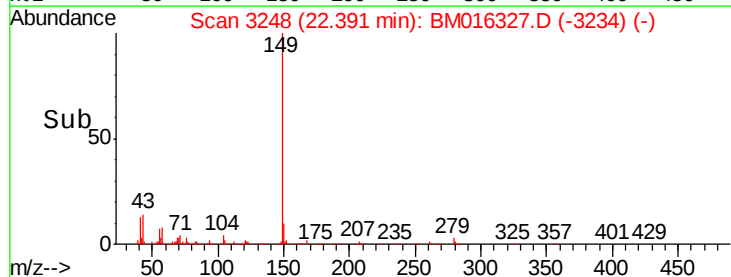
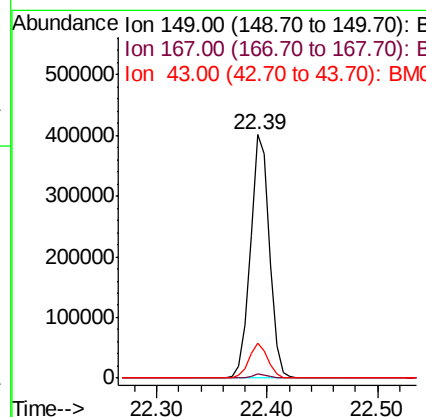
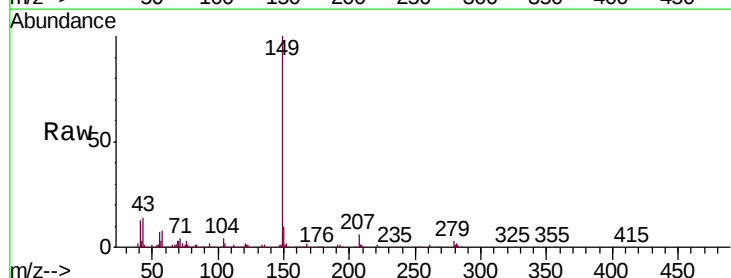
Manual Integrations
 APPROVED

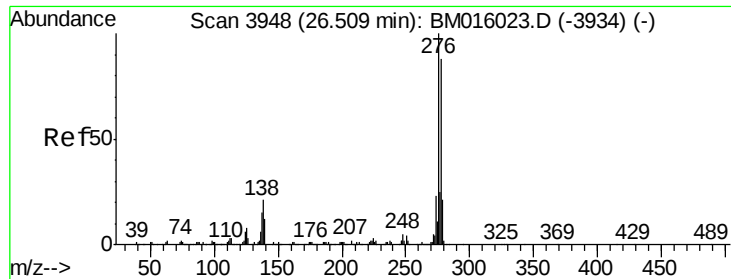
Sohil
 8/14/2018 4:27:41 PM



#84
 Di-n-octyl phthalate
 Concen: 49.264 ng
 RT: 22.39 min Scan# 3248
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	482727		
167	1.5	1.2	1.8	
43	13.8	7.3	10.9	





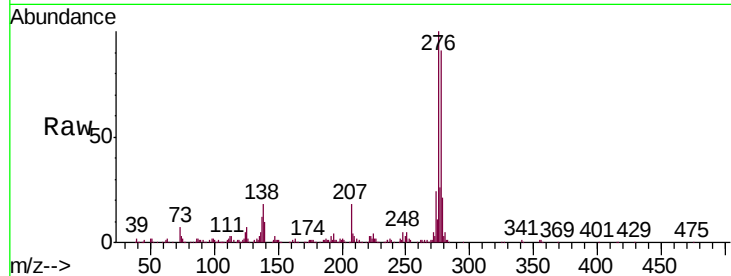
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.129 ng
 RT: 26.34 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOILMS

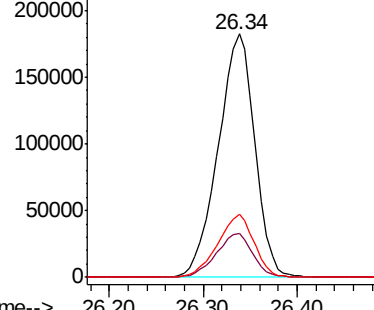
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	492215		
138	17.9	12.0	18.0	
277	25.7	20.0	30.0	

Manual Integrations
 APPROVED

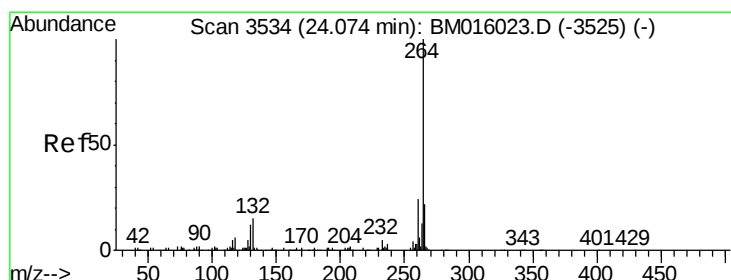
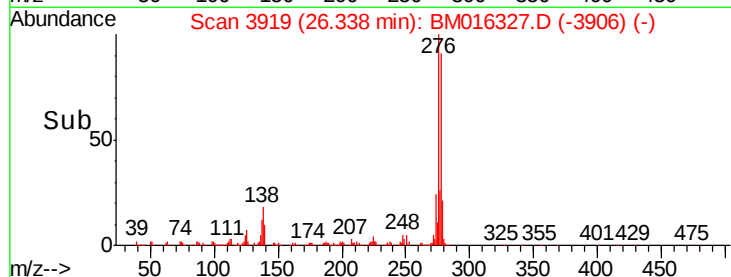
Sohil
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

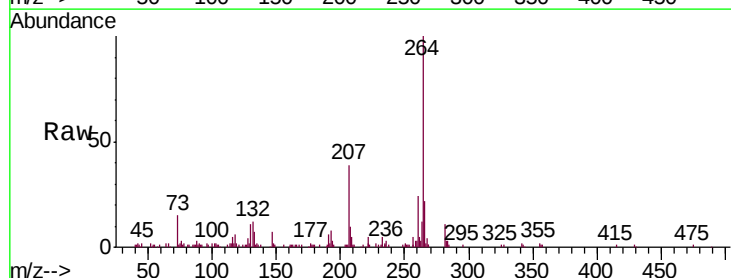


Time-->

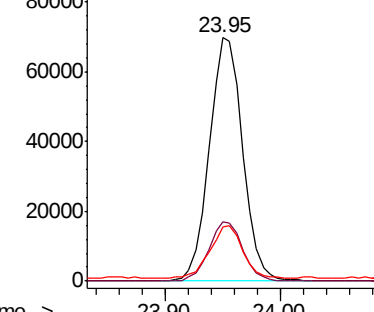


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.95 min Scan# 3513
 Delta R.T. -0.02 min
 Lab File: BM016327.D
 Acq: 13 Aug 2018 16:10

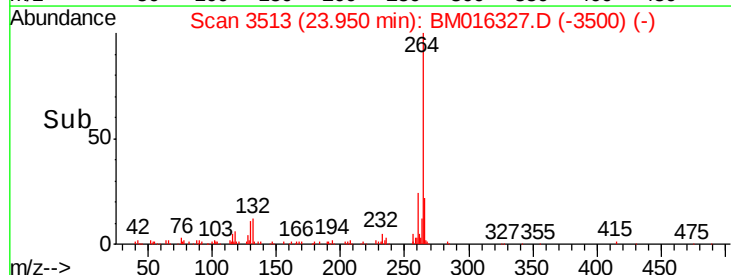
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	139484		
260	24.4	18.6	27.8	
265	22.2	17.3	25.9	

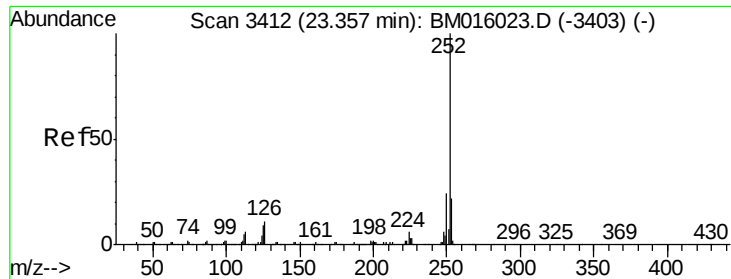


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





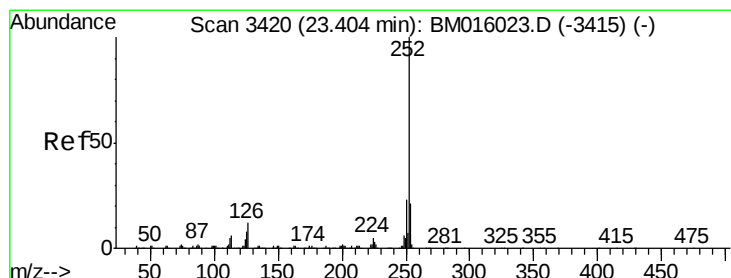
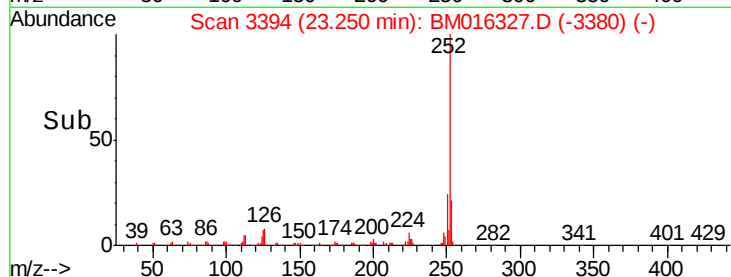
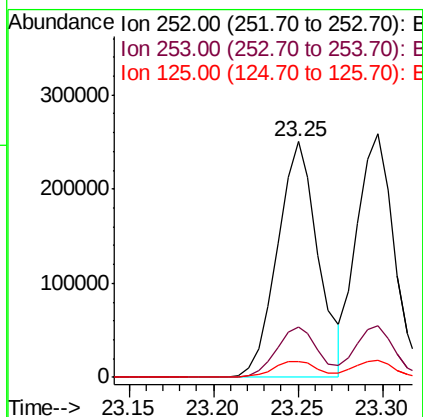
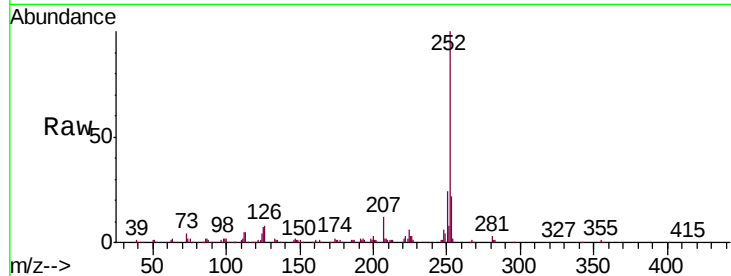
#87
Benzo(b)fluoranthene
Concen: 51.318 ng
RT: 23.25 min Scan# 3394
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	6.5	9.9	14.9

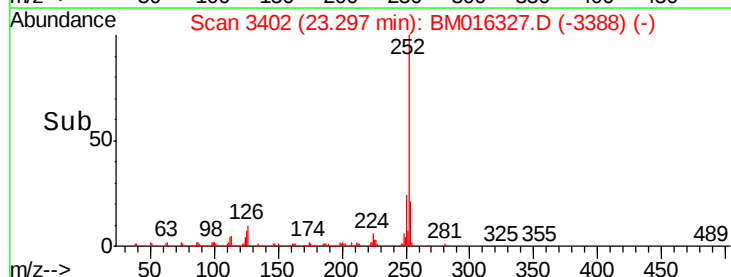
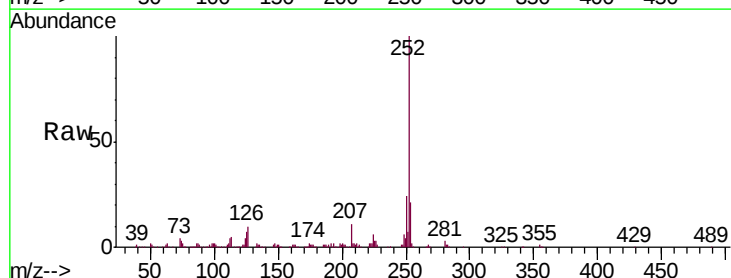
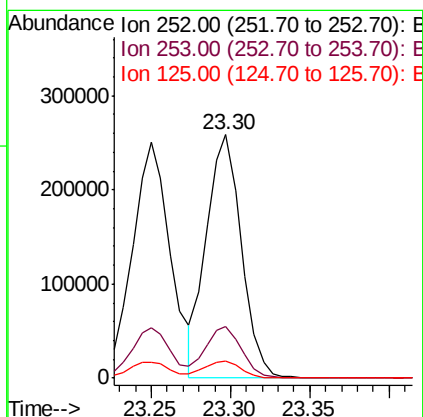
Manual Integrations
APPROVED

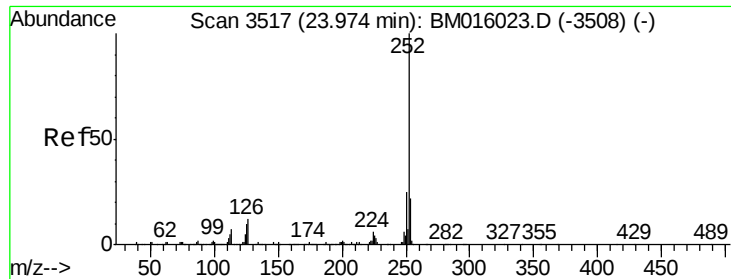
Sohil
8/14/2018 4:27:41 PM



#88
Benzo(k)fluoranthene
Concen: 47.594 ng
RT: 23.30 min Scan# 3402
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	6.8	8.1	12.1





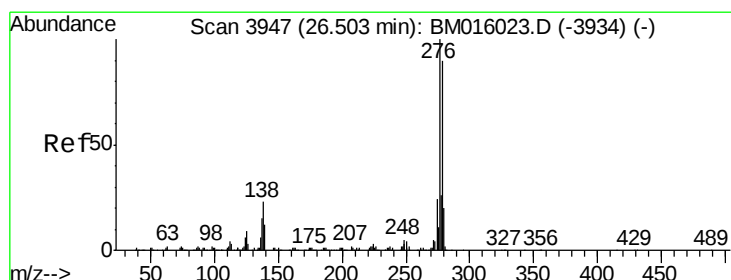
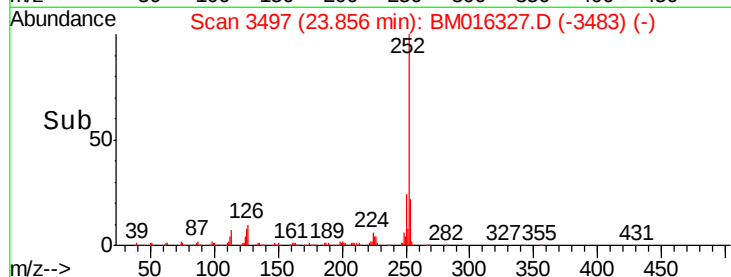
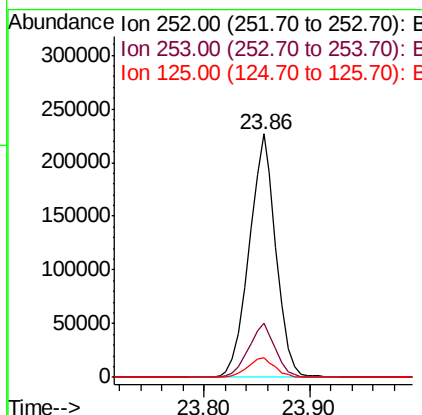
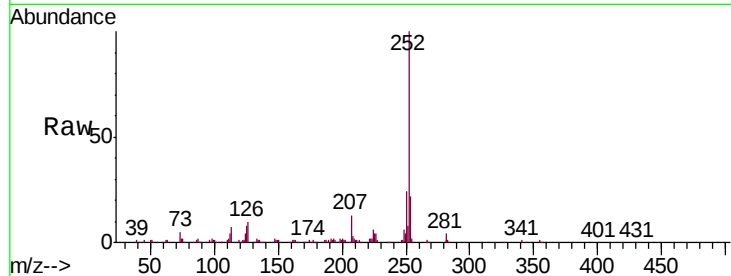
#89
Benzo(a)pyrene
Concen: 50.502 ng
RT: 23.86 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.6	26.4
125	7.9	7.4	11.2

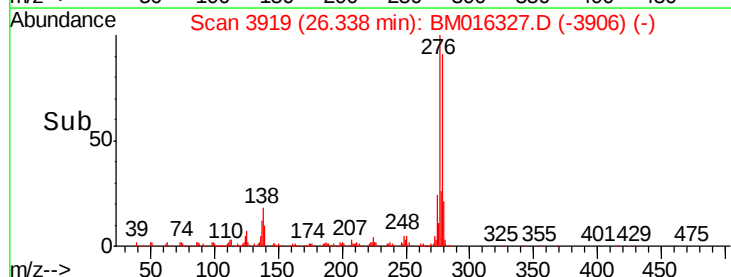
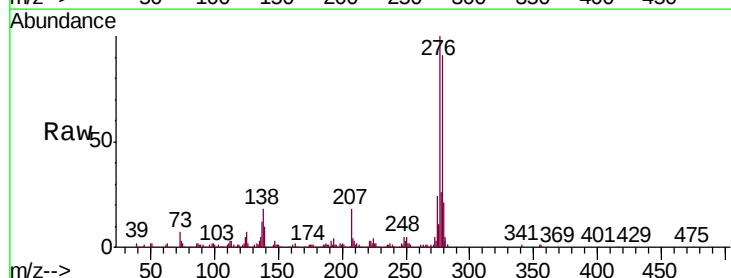
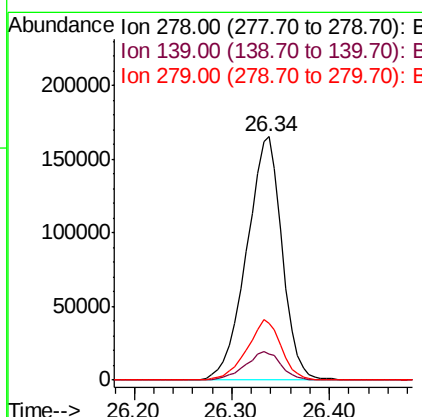
Manual Integrations
APPROVED

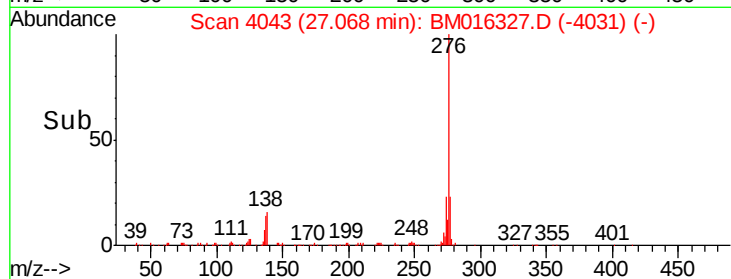
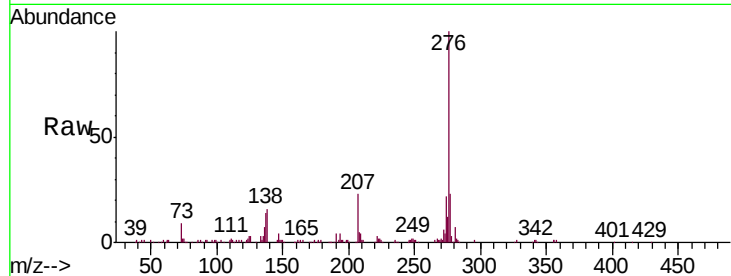
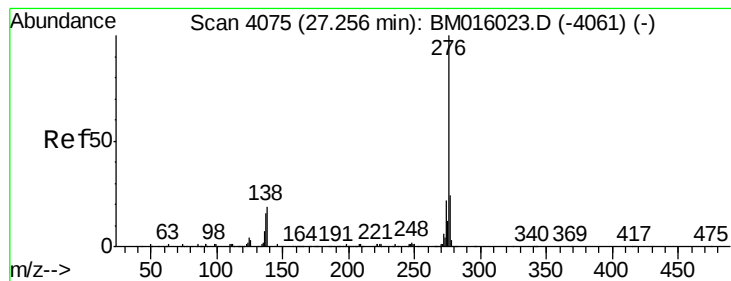
Sohil
8/14/2018 4:27:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.531 ng
RT: 26.34 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BM016327.D
Acq: 13 Aug 2018 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	10.5	13.4	20.0#
279	23.1	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 49.879 ng

RT: 27.07 min Scan# 4043

Delta R.T. -0.03 min

Lab File: BM016327.D

Acq: 13 Aug 2018 16:10

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOILMS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		385888		
277	22.6	18.5	27.7		
138	15.9	19.0	28.6#		

Manual Integrations
APPROVED

Sohil
8/14/2018 4:27:41 PM

