

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
 Data File : BM015250.D
 Acq On : 22 May 2018 21:12
 Operator : SJ/JU
 Sample : J2133-03
 Misc : MDL 5 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Manual Integrations
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Sohil
 5/23/2018 10:11:24 AM

Quant Time: May 23 05:22:57 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	193500	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	773545	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	398437	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	830306	20.00	ng	0.00
75) Chrysene-d12	21.83	240	848661	20.00	ng	0.00
86) Perylene-d12	24.27	264	866211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	1632799	138.06	ng	0.00
7) Phenol-d6	7.55	99	2065262	134.10	ng	0.00
23) Nitrobenzene-d5	9.59	82	1231544	87.21	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	722533	144.61	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2711333	84.59	ng	0.00
78) Terphenyl-d14	20.29	244	3631263	94.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	24813	5.078	ng	Qvalue # 100
3) Pyridine	4.09	79	50994m	4.074	ng	
4) n-Nitrosodimethylamine	3.99	42	27318m	4.034	ng	
6) Aniline	7.72	93	87391	4.605	ng	97
8) 2-Chlorophenol	7.96	128	63742	4.775	ng	95
9) Benzaldehyde	7.53	77	37308	3.830	ng	88
10) Phenol	7.58	94	75055	4.799	ng	82
11) bis(2-Chloroethyl)ether	7.82	93	57995	4.675	ng	88
12) 1,3-Dichlorobenzene	8.29	146	76439	5.023	ng	# 95
13) 1,4-Dichlorobenzene	8.45	146	77912	5.063	ng	95
14) 1,2-Dichlorobenzene	8.77	146	74998	5.135	ng	97
15) Benzyl Alcohol	8.65	79	49382	4.434	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.93	45	94783	4.843	ng	95
17) 2-Methylphenol	8.85	107	48436	4.659	ng	# 92
18) Hexachloroethane	9.50	117	25293	4.629	ng	91
19) n-Nitroso-di-n-propylamine	9.22	70	44816	4.566	ng	# 89
20) 3+4-Methylphenols	9.18	107	66224	4.797	ng	94
22) Acetophenone	9.25	105	94594	5.098	ng	# 91
24) Nitrobenzene	9.63	77	78074	5.310	ng	96
25) Isophorone	10.16	82	101871	4.200	ng	94
26) 2-Nitrophenol	10.35	139	24129	3.658	ng	# 83
27) 2,4-Dimethylphenol	10.39	122	42168	3.524	ng	93
28) bis(2-Chloroethoxy)methane	10.63	93	70668	4.450	ng	99
29) 2,4-Dichlorophenol	10.89	162	47522	4.194	ng	98
30) 1,2,4-Trichlorobenzene	11.10	180	68006	5.095	ng	99
31) Naphthalene	11.29	128	200457	4.986	ng	99
32) Benzoic acid	10.47	122	30771m	4.446	ng	
33) 4-Chloroaniline	11.40	127	72589	4.524	ng	# 91
34) Hexachlorobutadiene	11.56	225	41180	5.188	ng	99
35) Caprolactam	12.16	113	10540	3.287	ng	93
36) 4-Chloro-3-methylphenol	12.49	107	47495	4.104	ng	93
37) 2-Methylnaphthalene	12.87	142	131797	4.730	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	69257	4.935	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	19617	7.269	ng	95

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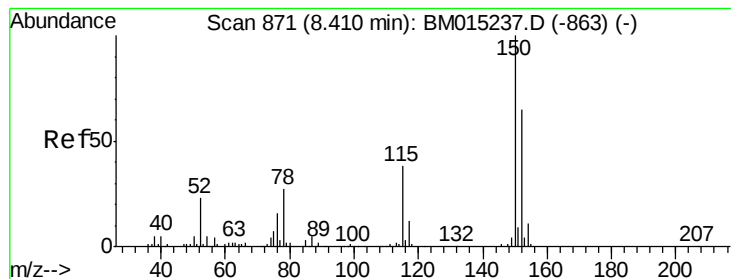
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	33903	4.020	ng	94
43) 2,4,5-Trichlorophenol	13.54	196	40778	4.478	ng	# 87
45) 1,1'-Biphenyl	13.86	154	185583	5.323	ng	99
46) 2-Chloronaphthalene	13.91	162	135704	5.058	ng	94
47) 2-Nitroaniline	14.11	65	28397	3.715	ng	# 79
48) Acenaphthylene	14.75	152	191037	4.794	ng	100
49) Dimethylphthalate	14.46	163	161747	5.087	ng	99
50) 2,6-Dinitrotoluene	14.59	165	28475	4.292	ng	93
51) Acenaphthene	15.08	154	127628	5.141	ng	98
52) 3-Nitroaniline	14.92	138	26563	3.803	ng	# 77
53) 2,4-Dinitrophenol	15.13	184	7519	8.287	ng	90
54) Dibenzofuran	15.41	168	190230	4.860	ng	94
55) 4-Nitrophenol	15.22	139	16658	2.940	ng	# 55
56) 2,4-Dinitrotoluene	15.37	165	32000	3.523	ng	# 79
57) Fluorene	16.05	166	150575	4.868	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	31044	3.975	ng	# 100
59) Diethylphthalate	15.80	149	153142	4.886	ng	96
60) 4-Chlorophenyl-phenylether	16.03	204	77231	4.902	ng	96
61) 4-Nitroaniline	16.07	138	25586	3.503	ng	78
62) Azobenzene	16.33	77	129501	4.349	ng	92
64) 4,6-Dinitro-2-methylphenol	16.13	198	14437	3.150	ng	94
65) n-Nitrosodiphenylamine	16.25	169	124487	4.666	ng	98
66) 4-Bromophenyl-phenylether	16.92	248	43947	4.737	ng	# 89
67) Hexachlorobenzene	17.05	284	53884	5.044	ng	# 92
68) Atrazine	17.17	200	25759	3.044	ng	99
69) Pentachlorophenol	17.39	266	21575	3.628	ng	99
70) Phenanthrene	17.77	178	235889	4.988	ng	99
71) Anthracene	17.87	178	209710	4.448	ng	98
72) Carbazole	18.13	167	198220	4.749	ng	99
73) Di-n-butylphthalate	18.65	149	209315	4.260	ng	# 98
74) Fluoranthene	19.75	202	247484	4.771	ng	98
76) Benzidine	19.92	184	65258	2.456	ng	98
77) Pyrene	20.11	202	260309	4.860	ng	97
79) Butylbenzylphthalate	20.95	149	86158	3.940	ng	88
80) Benzo(a)anthracene	21.82	228	258267	4.829	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	86680	4.377	ng	98
82) Chrysene	21.87	228	258309	5.128	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	130297	4.096	ng	97
84) Di-n-octyl phthalate	22.63	149	198019	3.559	ng	# 94
85) Indeno(1,2,3-cd)pyrene	26.79	276	293440	4.816	ng	# 91
87) Benzo(b)fluoranthene	23.53	252	263063	4.800	ng	97
88) Benzo(k)fluoranthene	23.57	252	248489	4.793	ng	99
89) Benzo(a)pyrene	24.16	252	234731	4.592	ng	# 97
90) Dibenzo(a,h)anthracene	26.79	278	250930	4.811	ng	99
91) Benzo(g,h,i)perylene	27.57	276	244234	4.808	ng	95

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



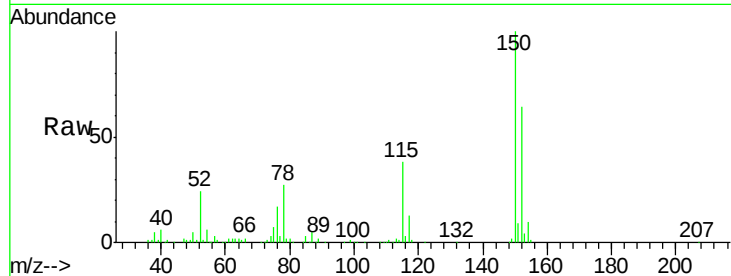
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

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 MDL-SOIL-03-QT2-2018

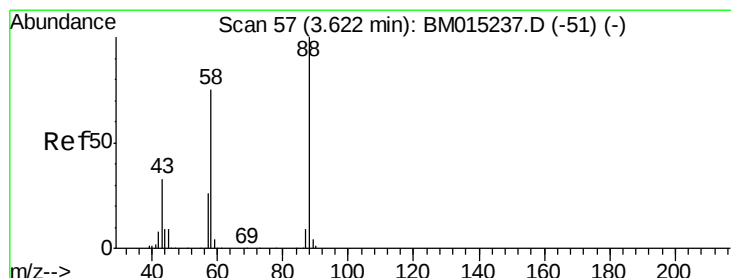
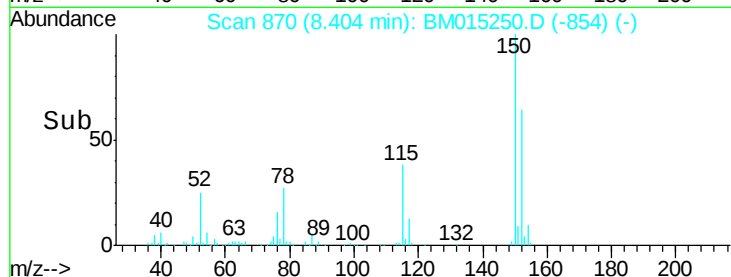
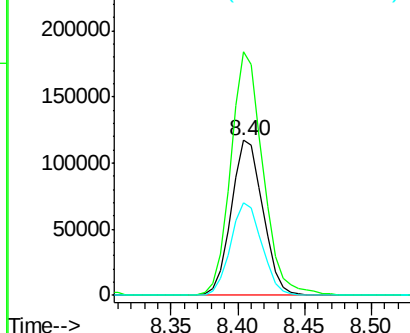
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	59.7	43.0	64.4

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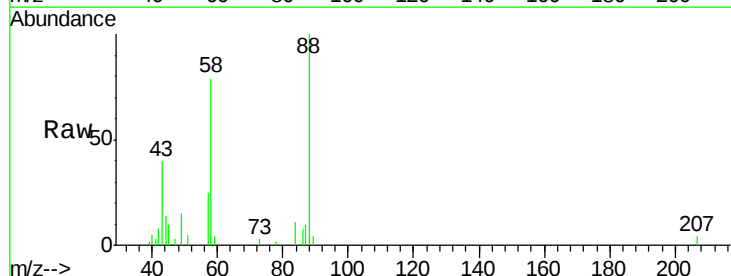


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

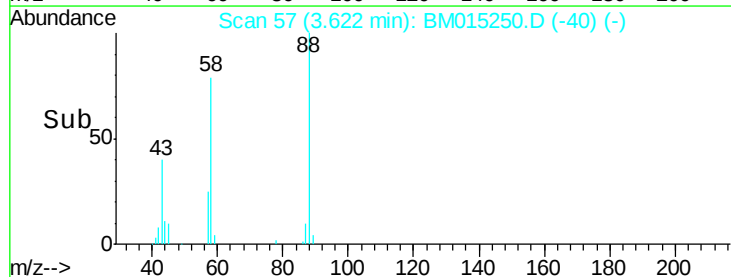
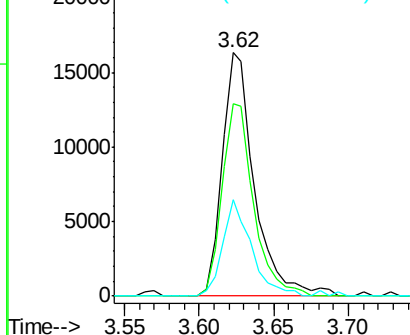


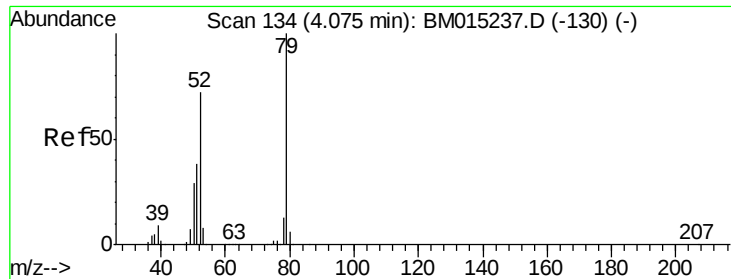
#2
 1,4-Dioxane
 Concen: 5.078 ng
 RT: 3.62 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	0.0	0.0#
43	35.3	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 4.074 ng m

RT: 4.09 min Scan# 137

Delta R.T. 0.02 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

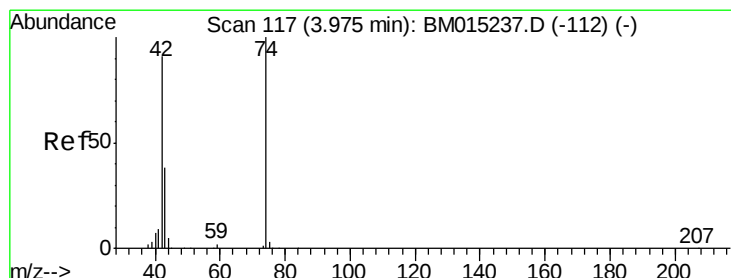
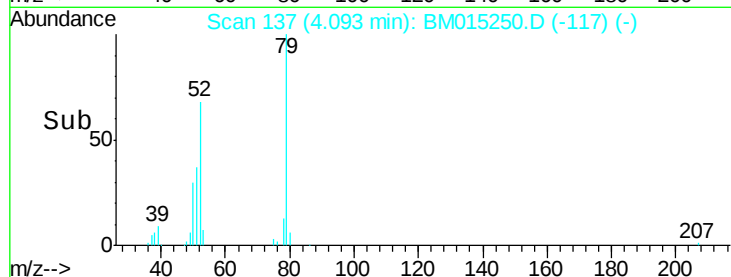
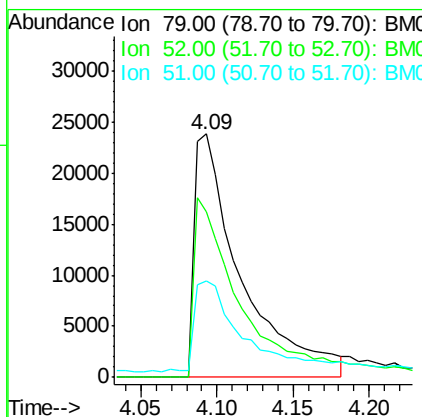
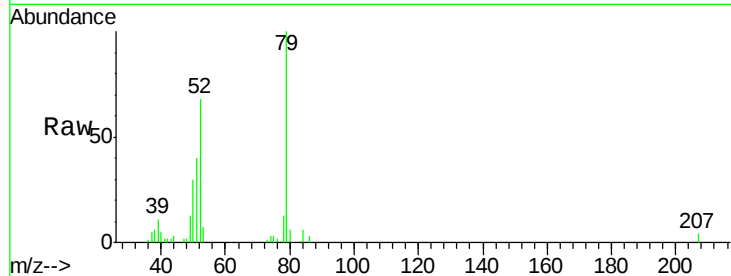
ClientSampleId :

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Tgt Ion:	79	Resp:	50994
Ion Ratio	Lower	Upper	
79	100		
52	68.0	51.1	76.7
51	39.8	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 4.034 ng m

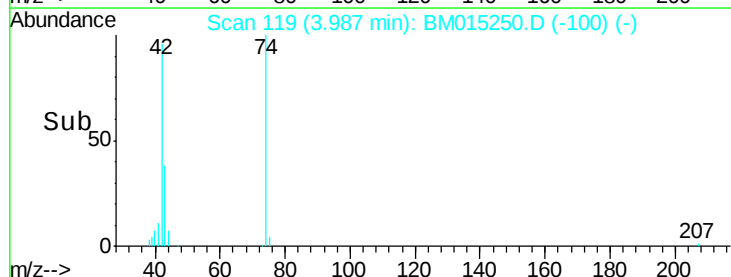
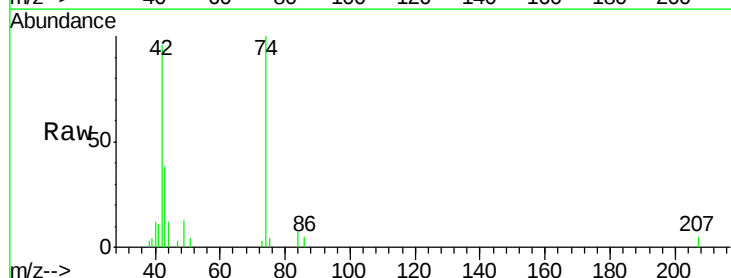
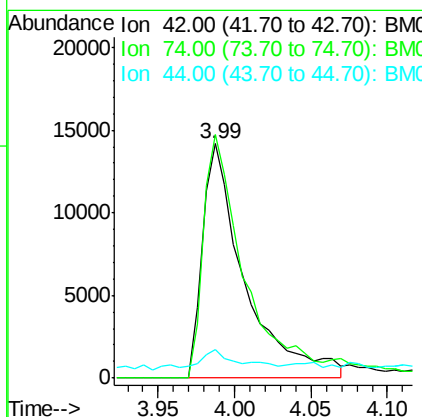
RT: 3.99 min Scan# 119

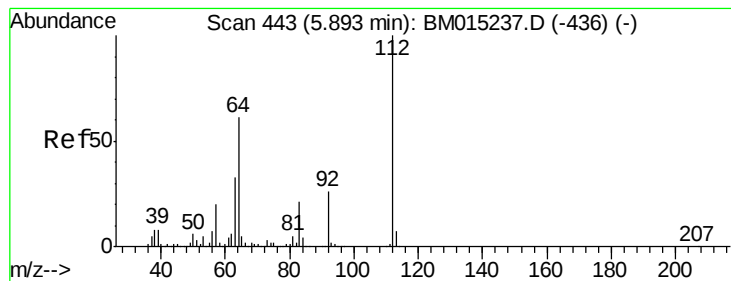
Delta R.T. 0.01 min

Lab File: BM015250.D

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Tgt Ion:	42	Resp:	27318
Ion Ratio	Lower	Upper	
42	100		
74	103.8	119.3	178.9#
44	12.0	5.4	8.2#





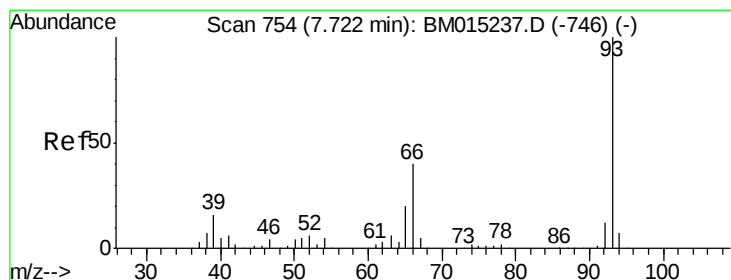
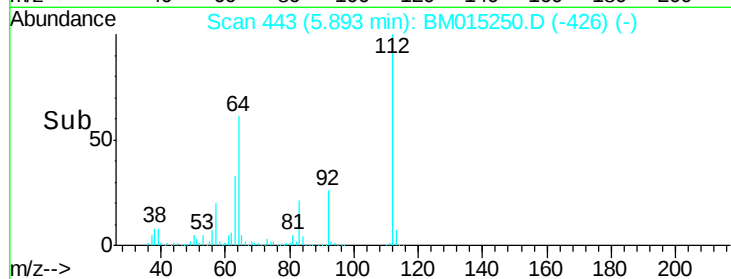
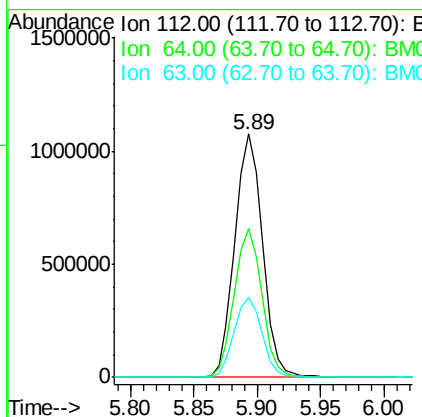
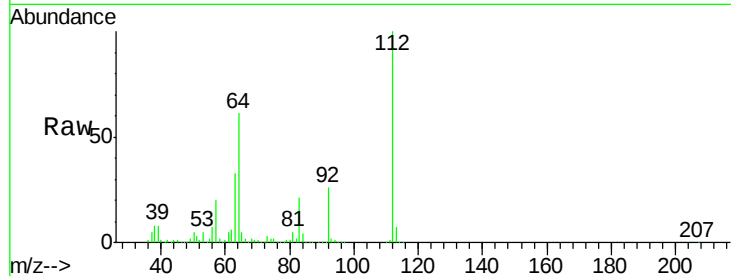
#5
2-Fluorophenol
Concen: 138.056 ng
RT: 5.89 min Scan# 443
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1632799		
64	61.2		38.6	57.8#
63	32.6		19.3	28.9#

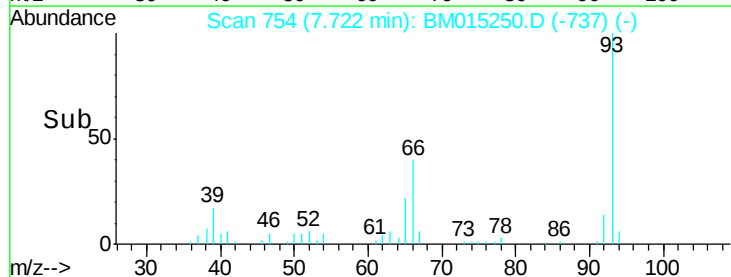
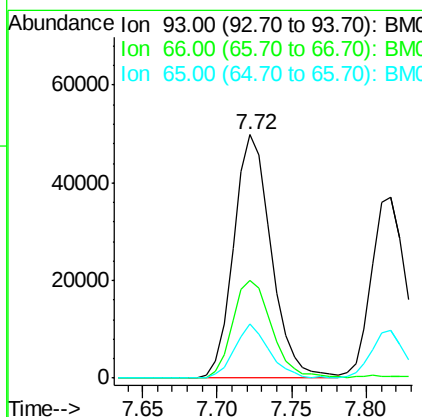
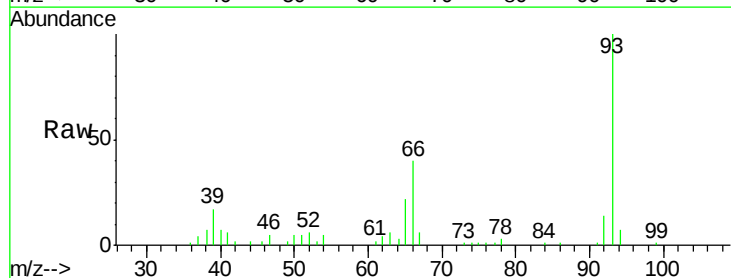
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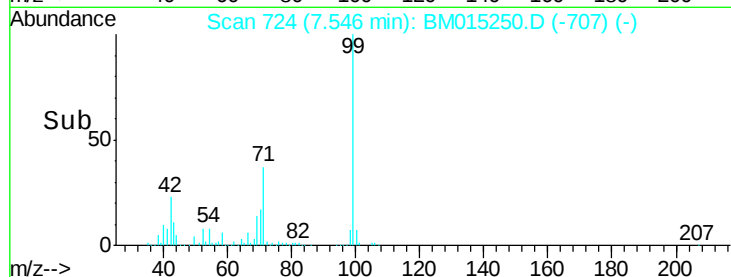
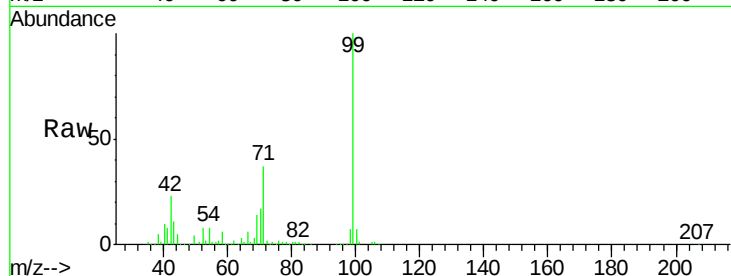
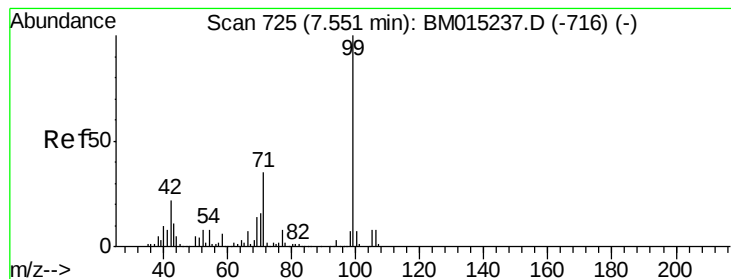
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#6
Aniline
Concen: 4.605 ng
RT: 7.72 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87391		
66	39.9		30.8	46.2
65	22.2		16.0	24.0





#7

Phenol-d6

Concen: 134.098 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	36.7	23.4	35.2#

Instrument :

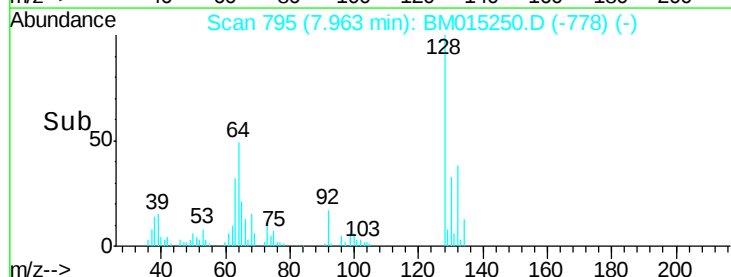
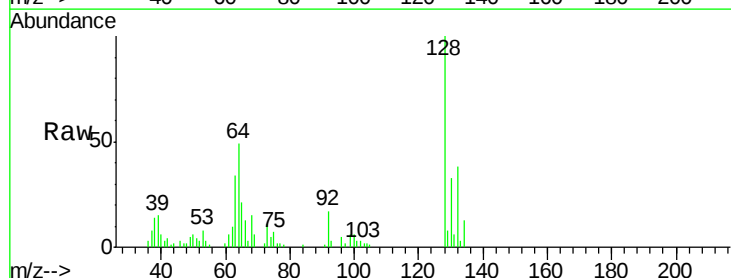
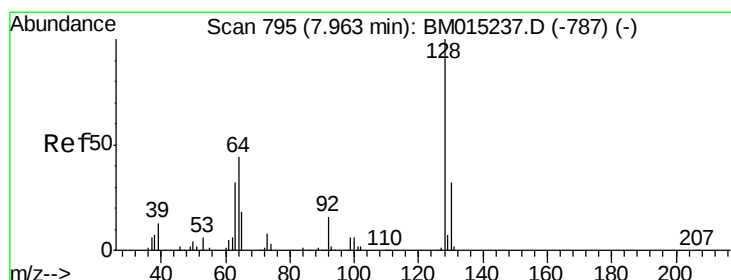
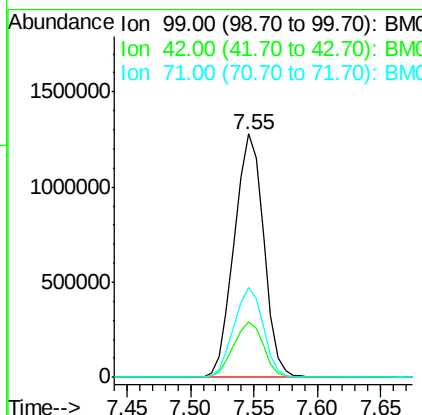
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#8

2-Chlorophenol

Concen: 4.775 ng

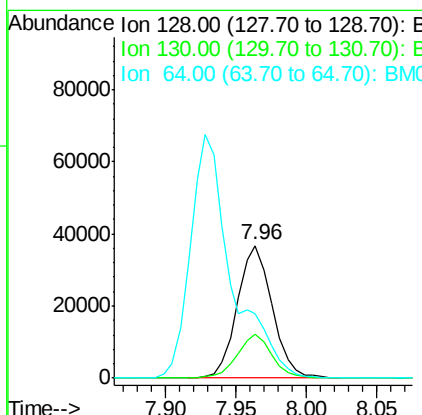
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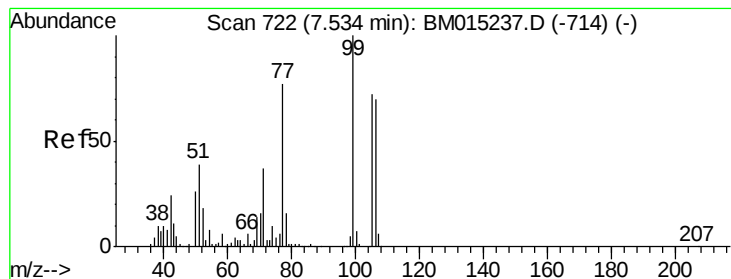
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.0	52.0
64	48.9	24.9	64.9





#9

Benzaldehyde

Concen: 3.830 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

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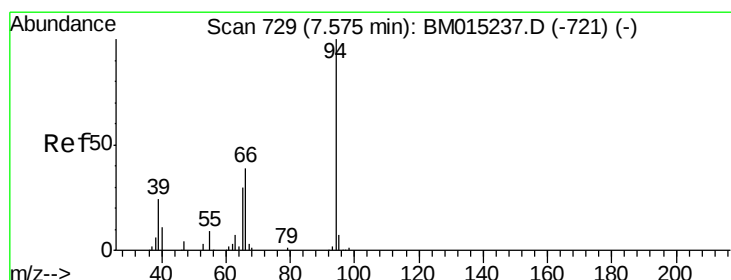
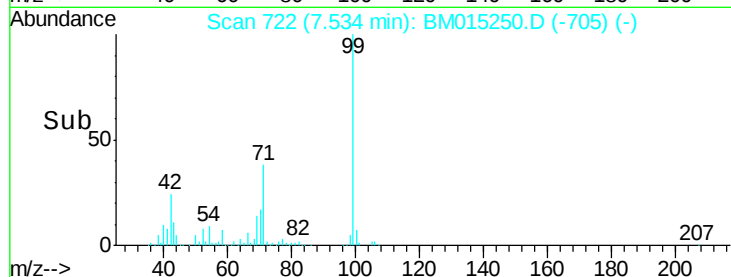
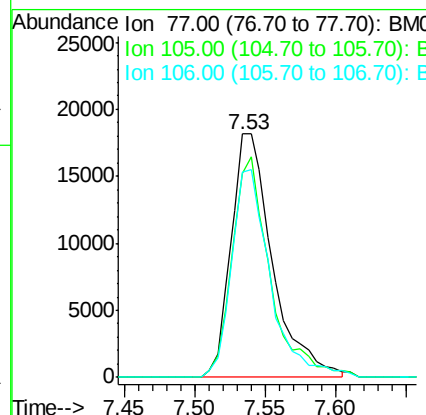
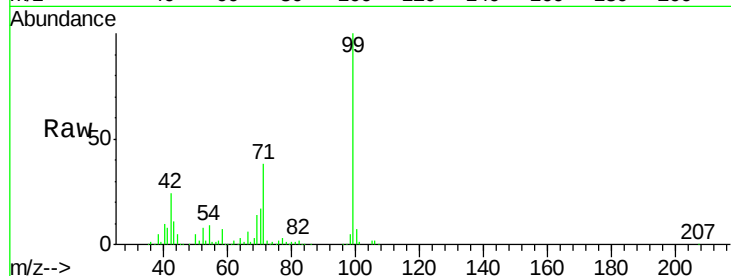
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:	77	Resp:	37308
Ion	Ratio	Lower	Upper
77	100		
105	83.9	78.8	118.8
106	84.2	73.7	113.7

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#10

Phenol

Concen: 4.799 ng

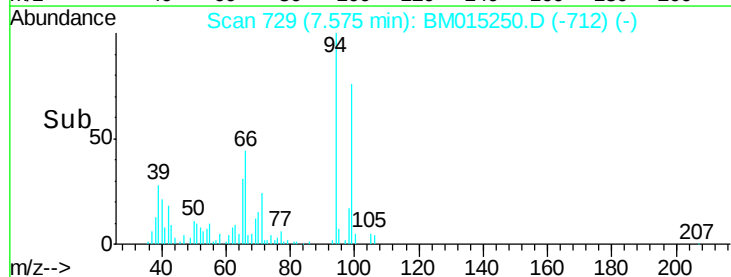
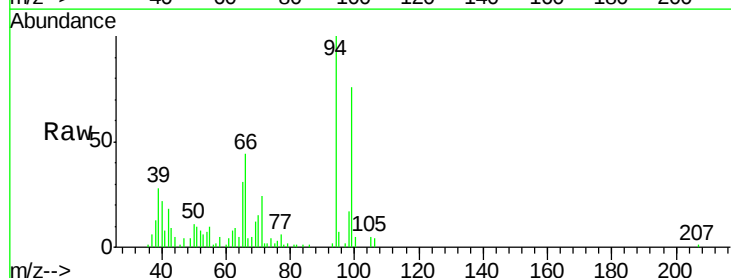
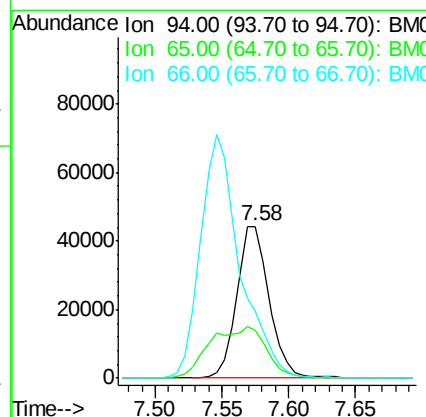
RT: 7.58 min Scan# 729

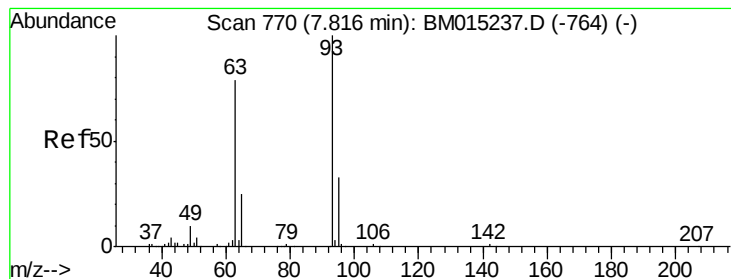
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	94	Resp:	75055
Ion	Ratio	Lower	Upper
94	100		
65	31.1	18.8	58.8
66	44.1	39.9	79.9





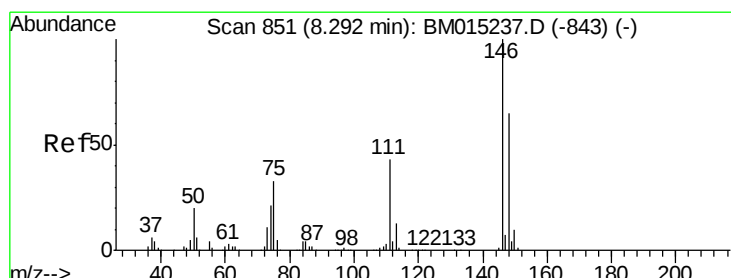
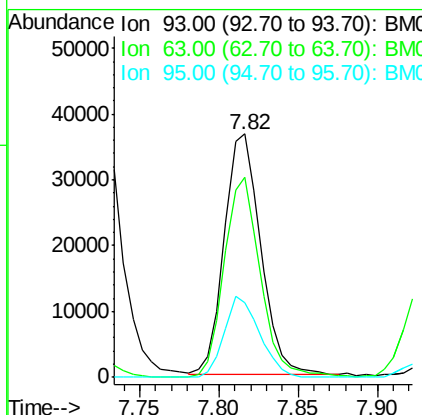
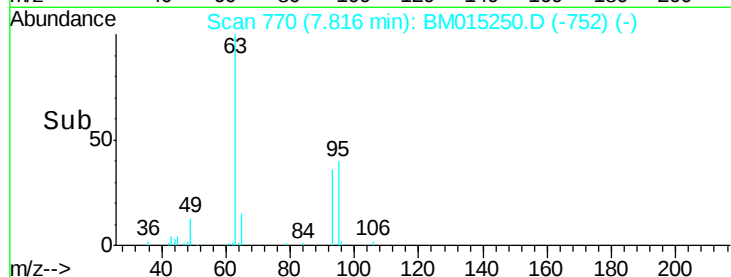
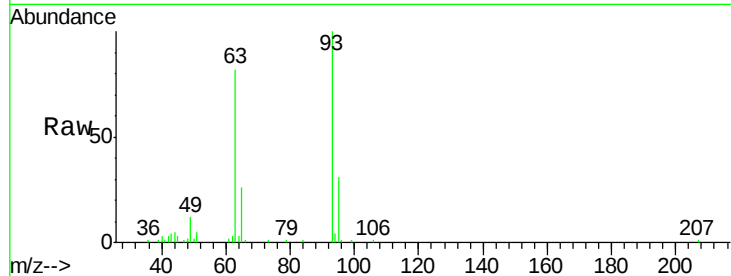
#11
bis(2-Chloroethyl)ether
Concen: 4.675 ng
RT: 7.82 min Scan# 770
Delta R.T. 0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	82.4	49.5	89.5
95	30.7	13.5	53.5

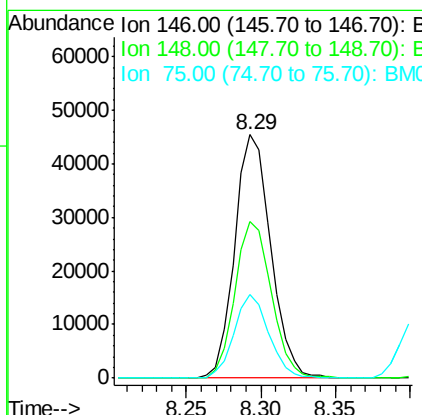
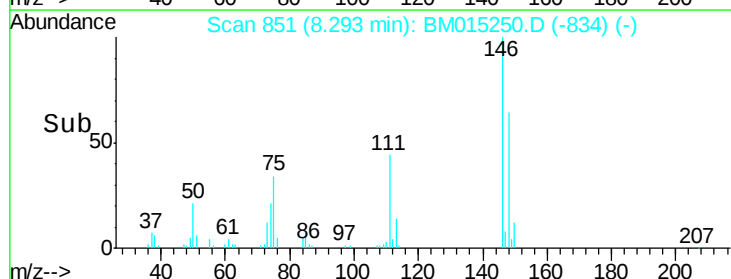
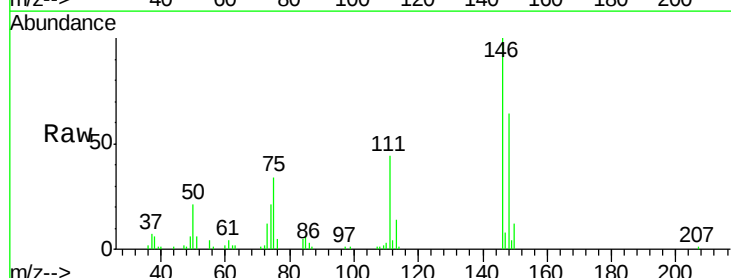
Manual Integrations
APPROVED

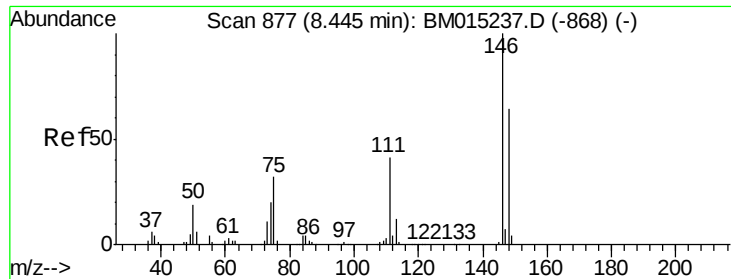
Sohil
5/23/2018 10:11:24 AM



#12
1,3-Dichlorobenzene
Concen: 5.023 ng
RT: 8.29 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.4	50.9	76.3
75	34.4	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 5.063 ng

RT: 8.45 min Scan# 877

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

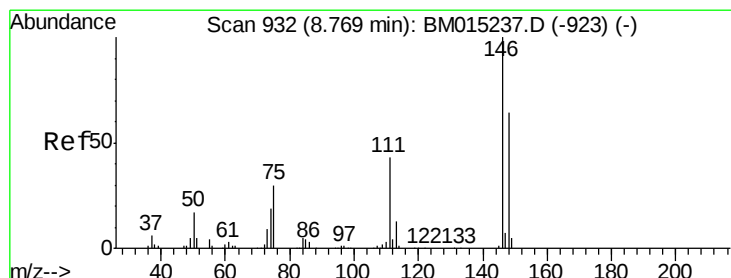
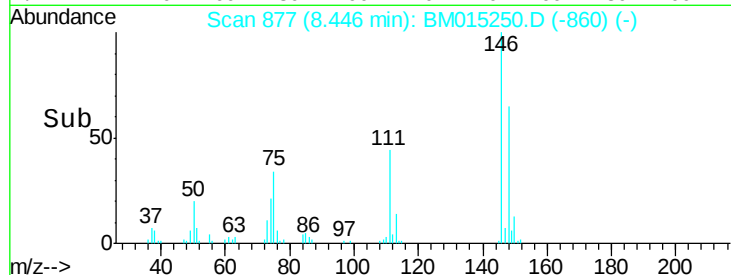
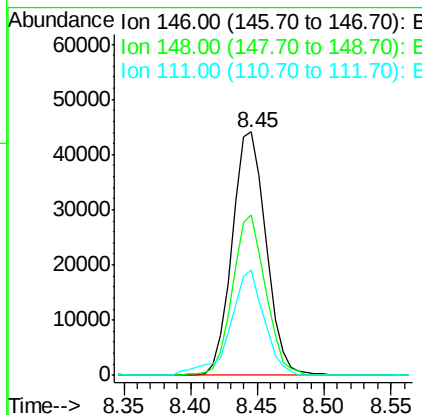
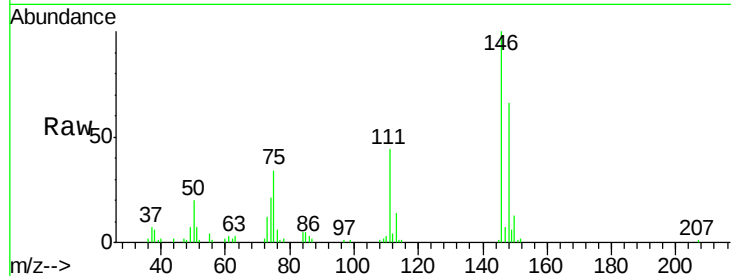
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:	146	Resp:	77912
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.9	77.9
111	43.5	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 5.135 ng

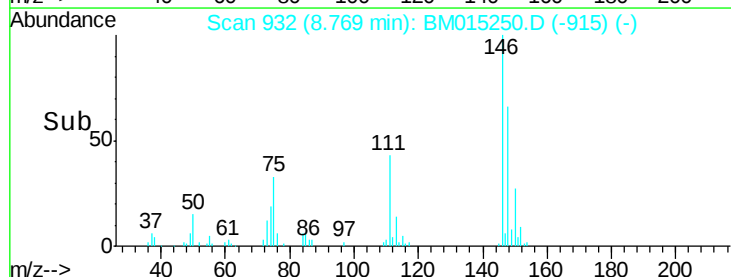
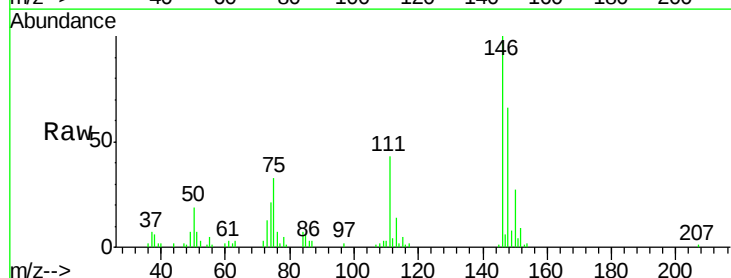
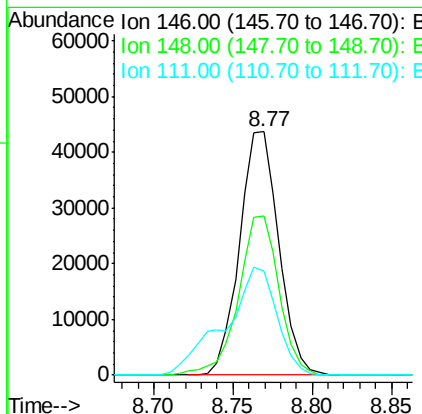
RT: 8.77 min Scan# 932

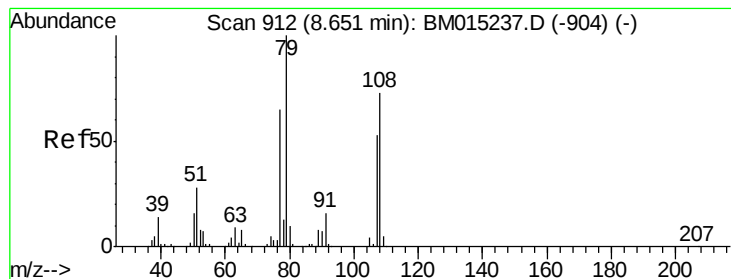
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	146	Resp:	74998
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.3	78.5
111	42.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 4.434 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

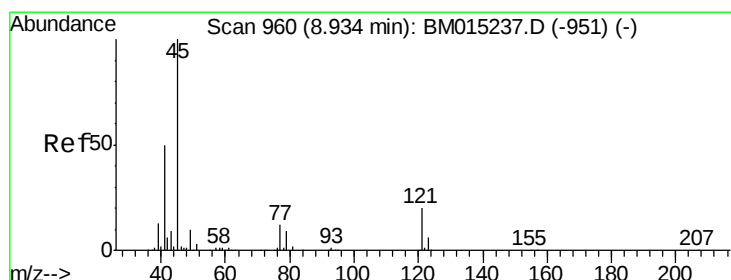
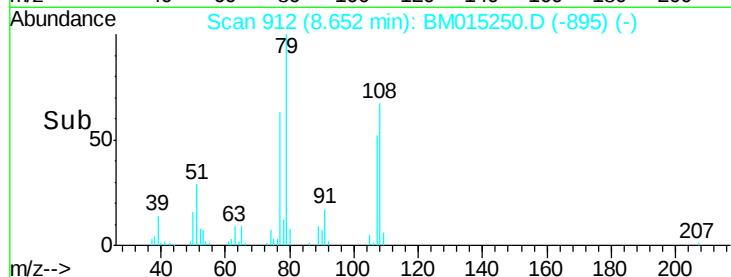
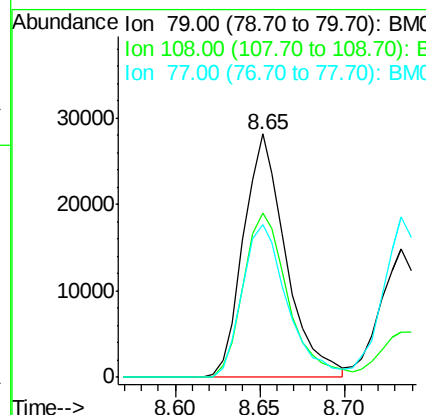
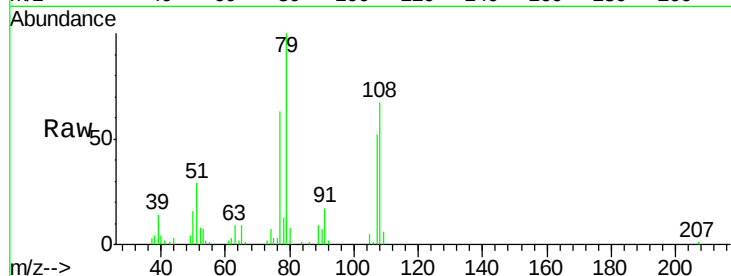
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:	79	Resp:	49382
Ion Ratio	Lower	Upper	
79	100		
108	67.2	65.0	97.4
77	62.5	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.843 ng

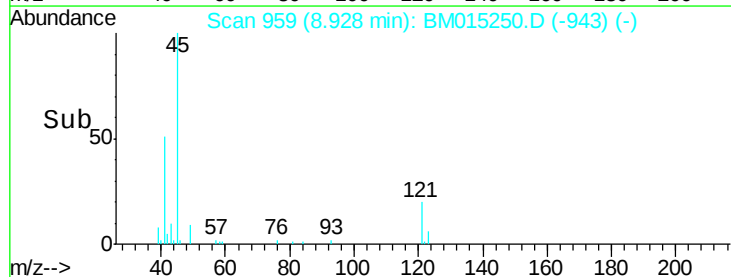
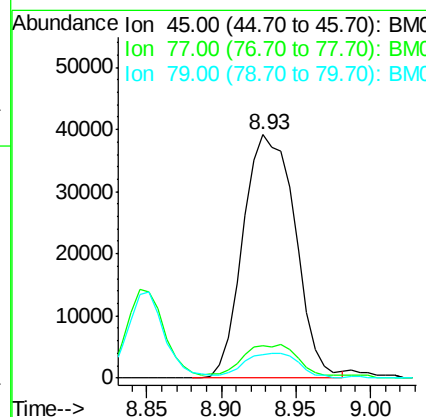
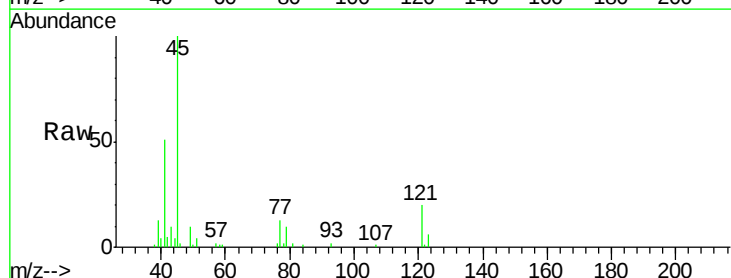
RT: 8.93 min Scan# 959

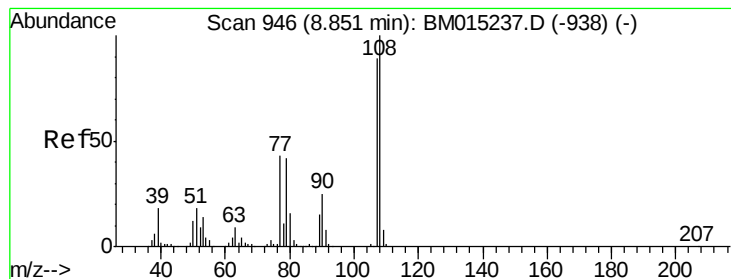
Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	45	Resp:	94783
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	35.2
79	9.5	0.0	32.0





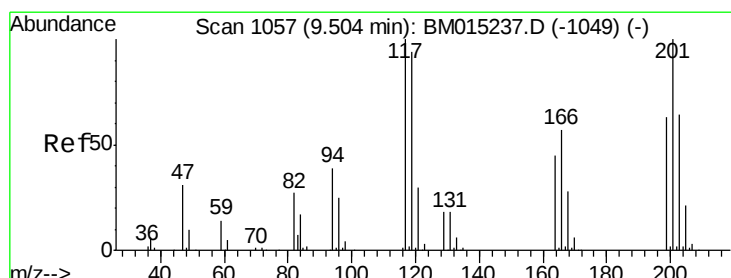
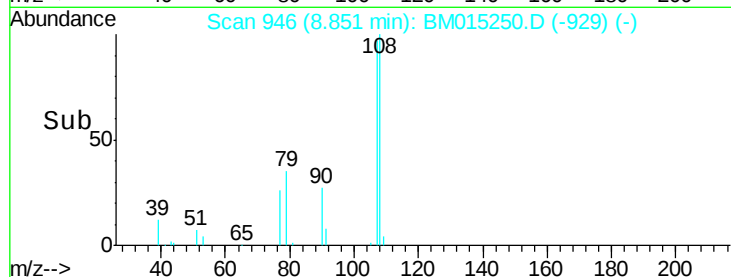
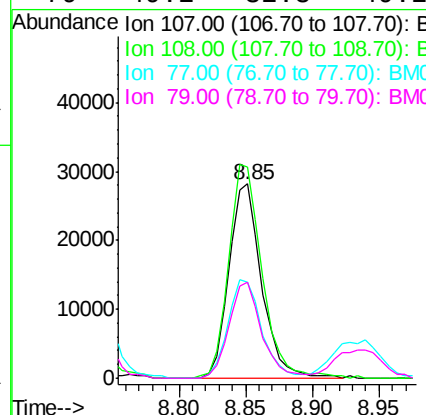
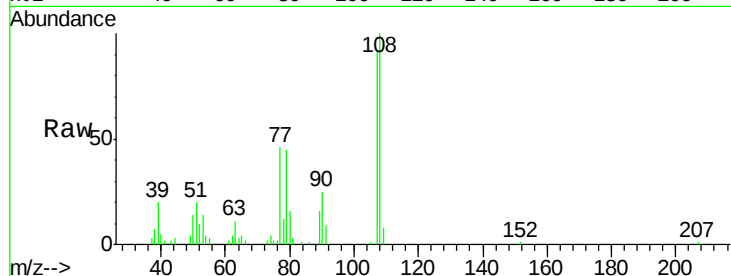
#17
2-Methylphenol
Concen: 4.659 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	108.6	89.8	134.8
77	49.5	32.6	48.8
79	49.2	32.8	49.2

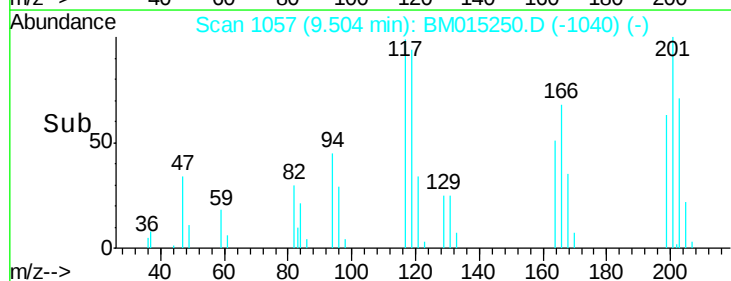
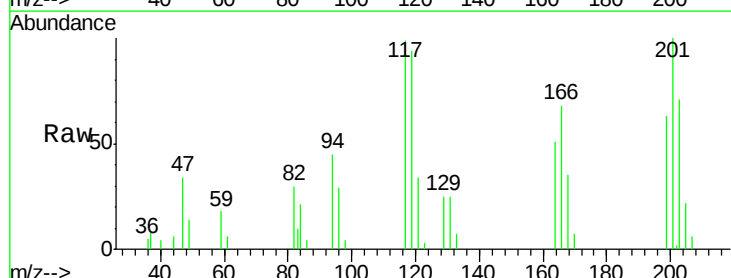
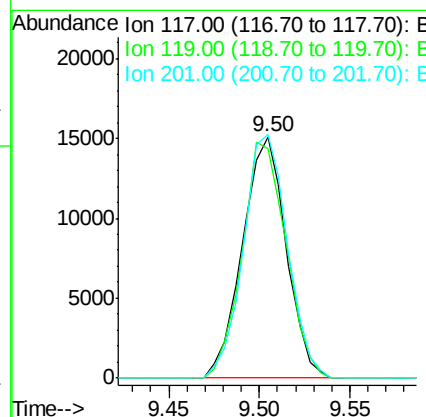
Manual Integrations
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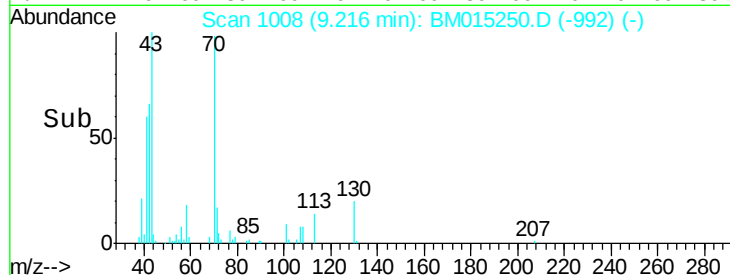
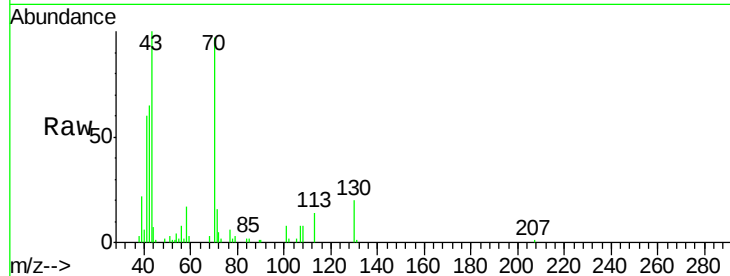
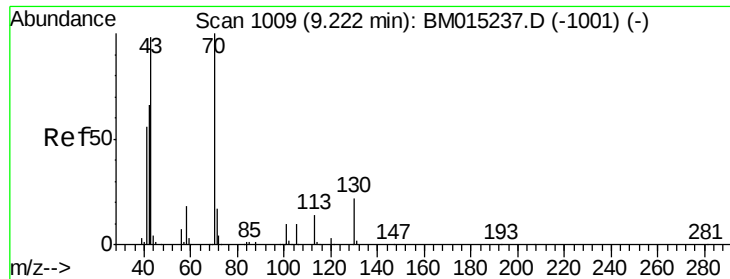
Sohil
5/23/2018 10:11:24 AM



#18
Hexachloroethane
Concen: 4.629 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.1	79.2	118.8
201	100.8	69.8	104.6





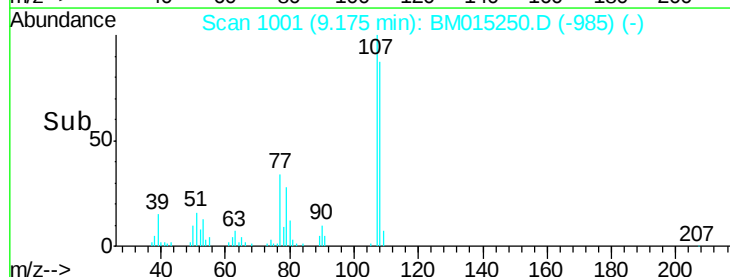
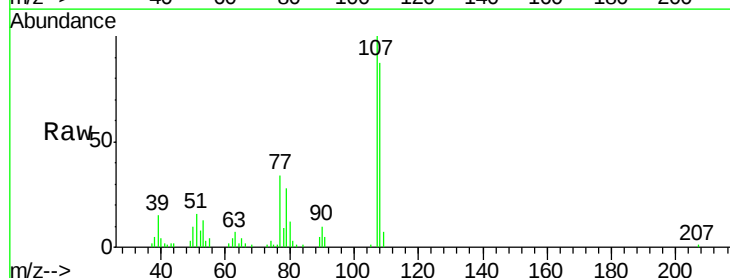
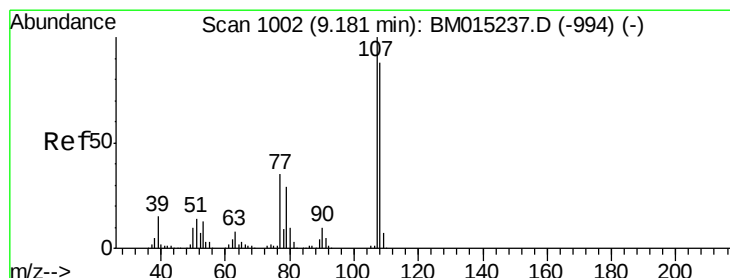
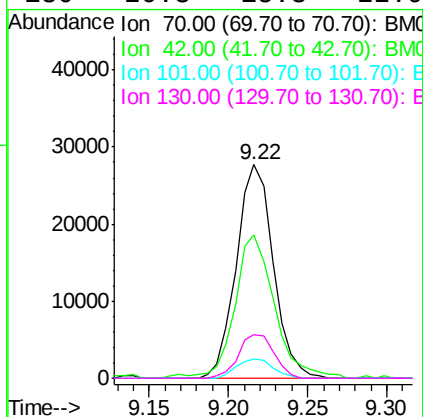
#19
n-Nitroso-di-n-propylamine
Concen: 4.566 ng
RT: 9.22 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion:	70	Resp:	44816
Ion Ratio	Lower	Upper	
70	100		
42	67.1	44.5	66.7#
101	8.7	7.4	11.2
130	20.3	15.3	22.9

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

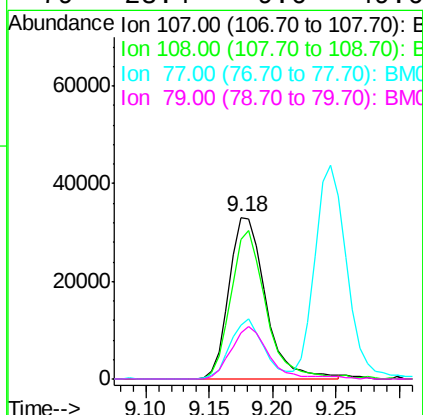
Manual Integrations
APPROVED

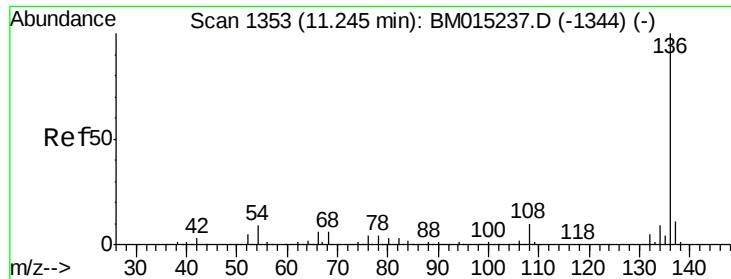
Sohil
5/23/2018 10:11:24 AM



#20
3+4-Methylphenols
Concen: 4.797 ng
RT: 9.18 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion:	107	Resp:	66224
Ion Ratio	Lower	Upper	
107	100		
108	86.6	73.2	113.2
77	33.7	10.7	50.7
79	28.4	9.6	49.6





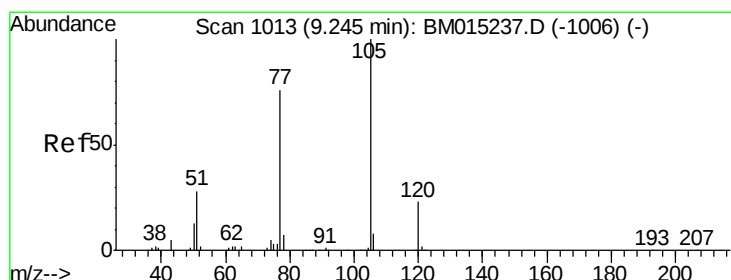
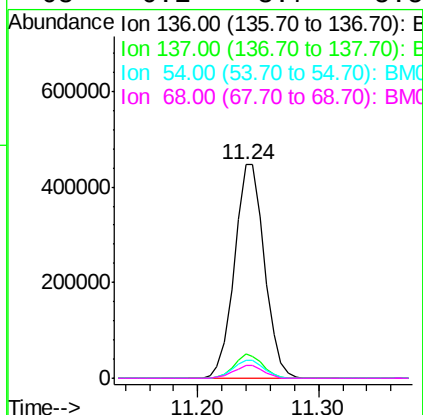
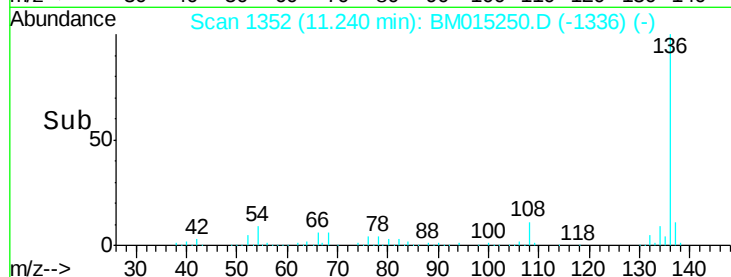
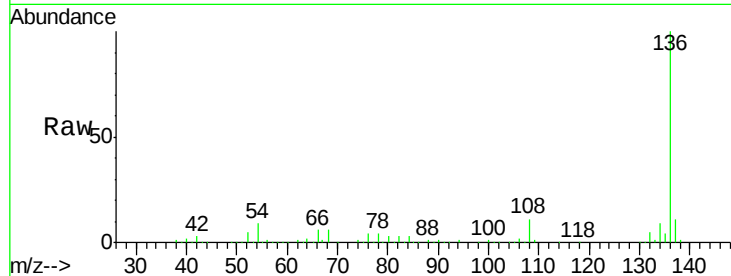
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	773545		
137	11.3	8.7	13.1	
54	8.6	4.6	6.8#	
68	6.1	3.7	5.5#	

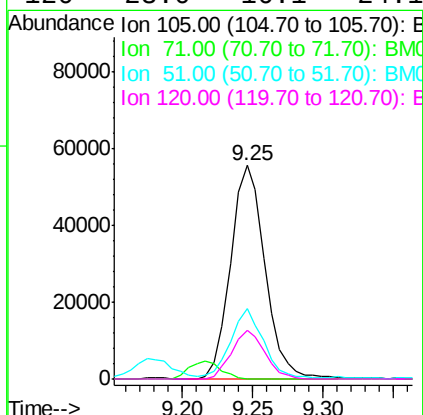
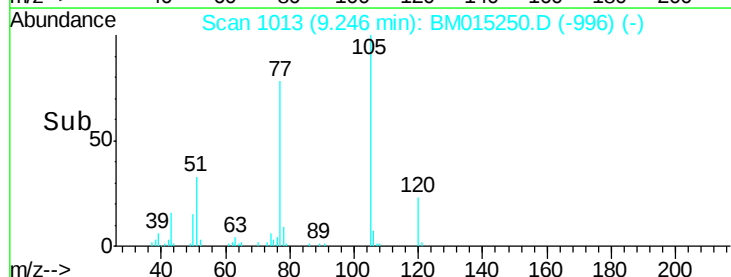
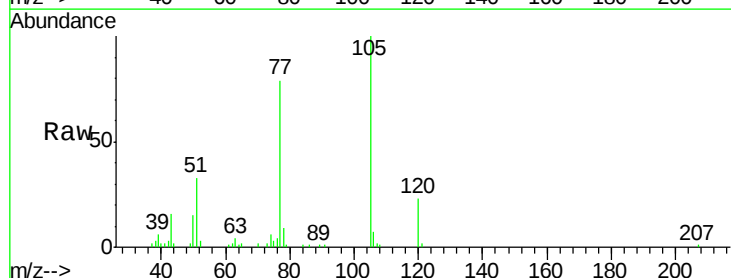
Manual Integrations
APPROVED

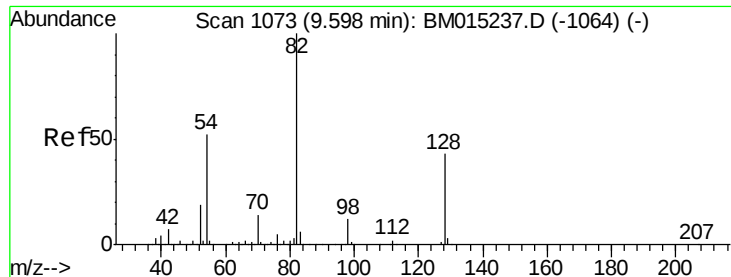
Sohil
5/23/2018 10:11:24 AM



#22
Acetophenone
Concen: 5.098 ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	94594		
71	0.0	0.6	1.0#	
51	32.8	21.6	32.4#	
120	23.0	16.1	24.1	





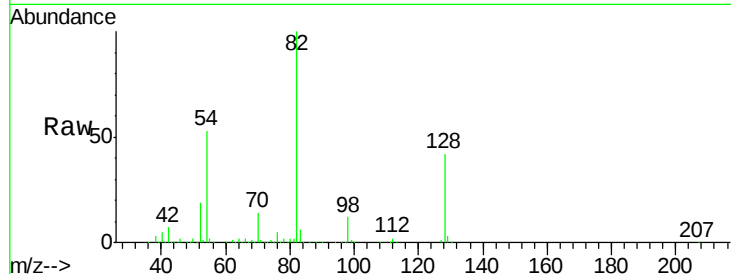
#23
Nitrobenzene-d5
Concen: 87.214 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	52.5	40.6	60.8

Manual Integrations
APPROVED

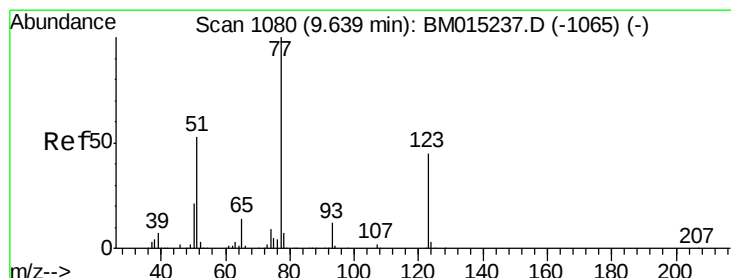
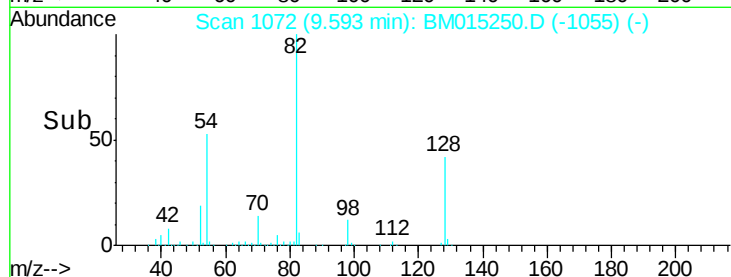
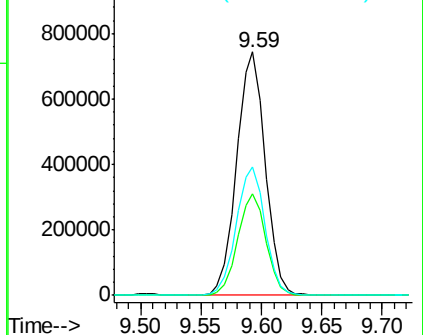
Sohil
5/23/2018 10:11:24 AM



Abundance Ion 82.00 (81.70 to 82.70): BM015237.D (-1064) (-)

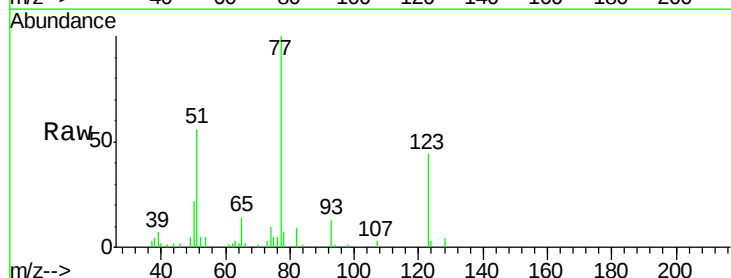
Ion 128.00 (127.70 to 128.70): BM015237.D (-1064) (-)

Ion 54.00 (53.70 to 54.70): BM015237.D (-1064) (-)



#24
Nitrobenzene
Concen: 5.310 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

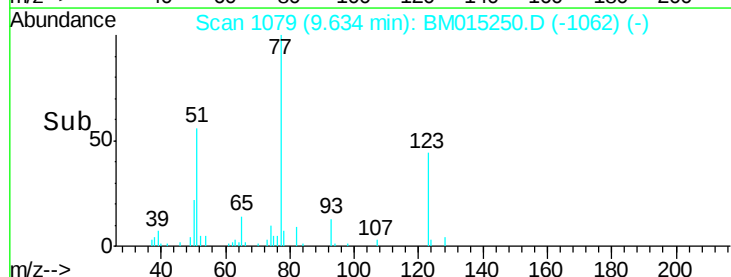
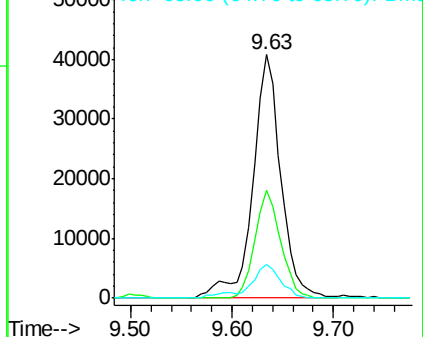
Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	32.6	49.0
65	14.0	10.9	16.3

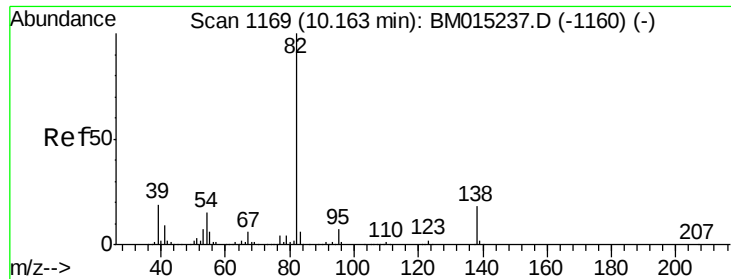


Abundance Ion 77.00 (76.70 to 77.70): BM015237.D (-1065) (-)

Ion 123.00 (122.70 to 123.70): BM015237.D (-1065) (-)

Ion 65.00 (64.70 to 65.70): BM015237.D (-1065) (-)





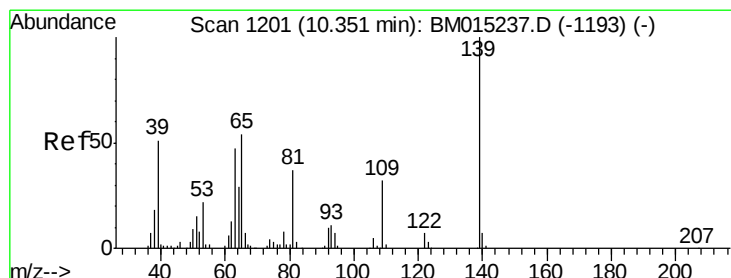
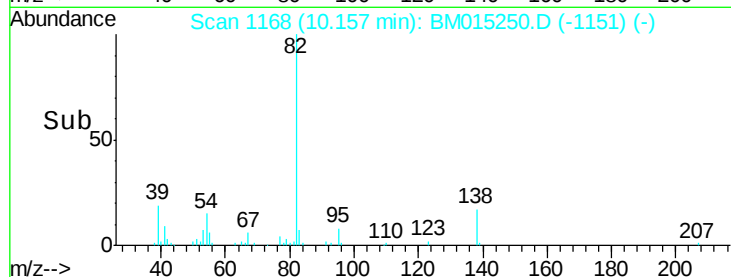
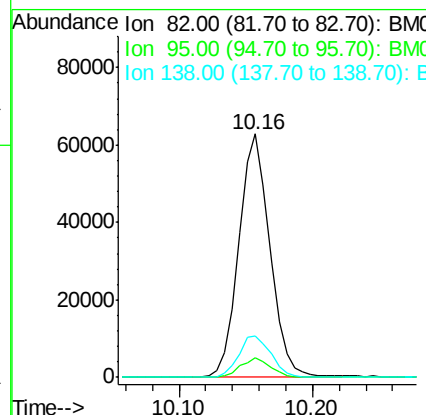
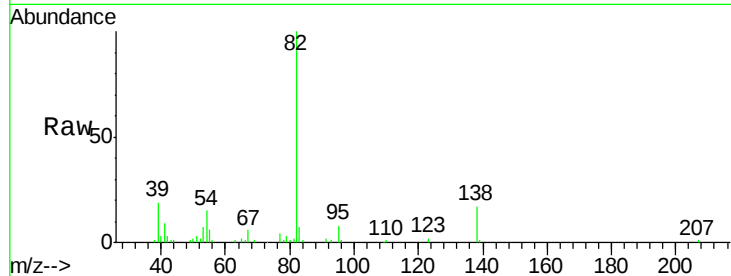
#25
Isophorone
Concen: 4.200 ng
RT: 10.16 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	101871		
95	8.1	5.8	8.6	
138	17.0	16.3	24.5	

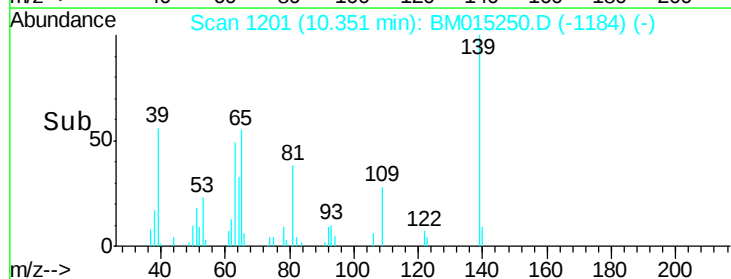
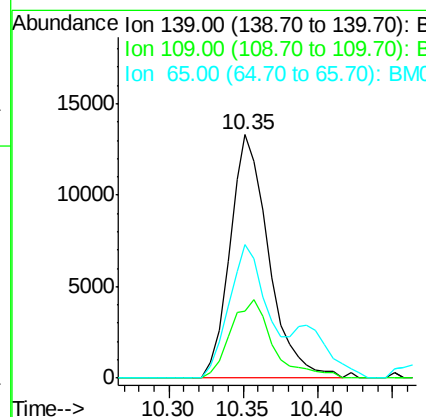
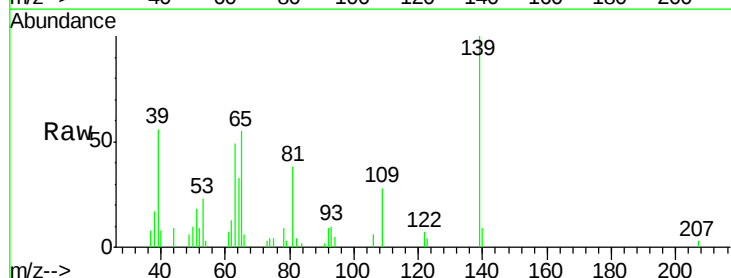
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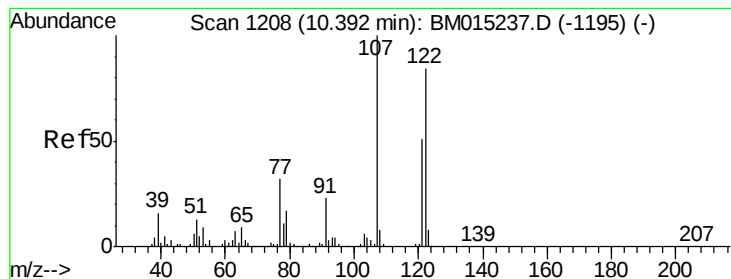
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#26
2-Nitrophenol
Concen: 3.658 ng
RT: 10.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	24129		
109	27.6	20.1	30.1	
65	54.6	31.5	47.3	





#27

2,4-Dimethylphenol

Concen: 3.524 ng

RT: 10.39 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

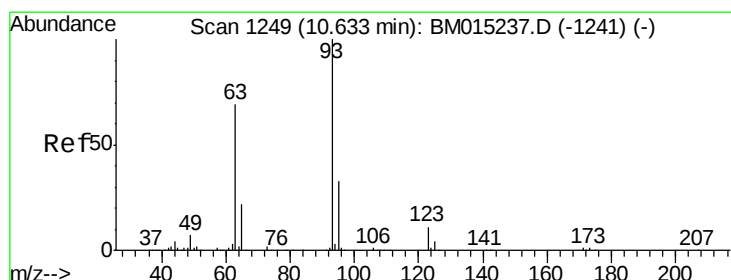
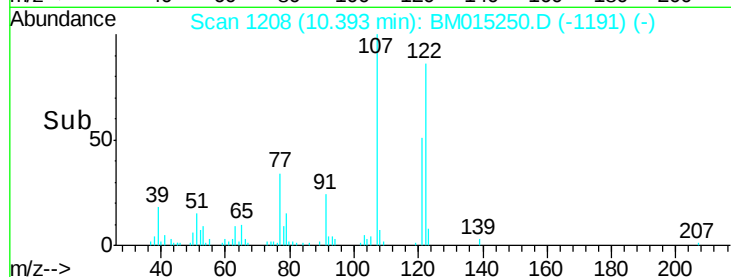
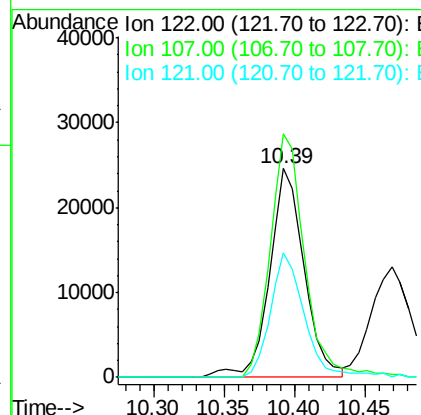
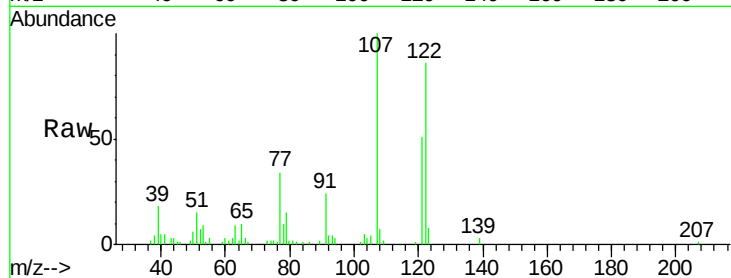
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	42168		
107	116.7	84.7	127.1	
121	59.4	46.6	69.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 4.450 ng

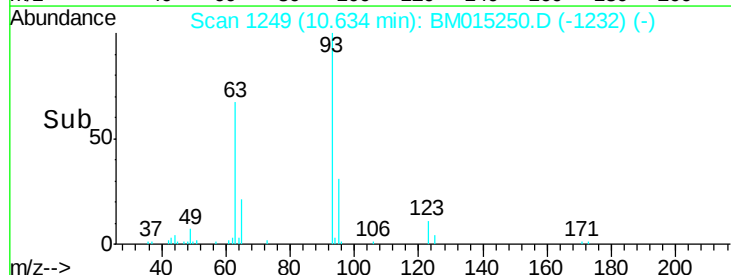
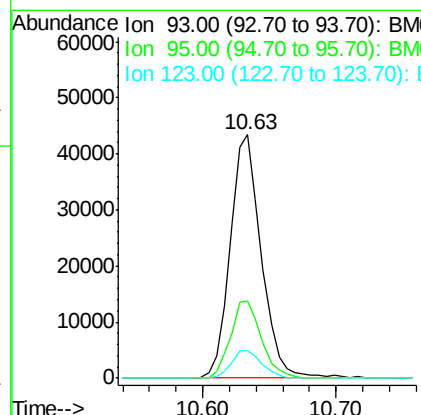
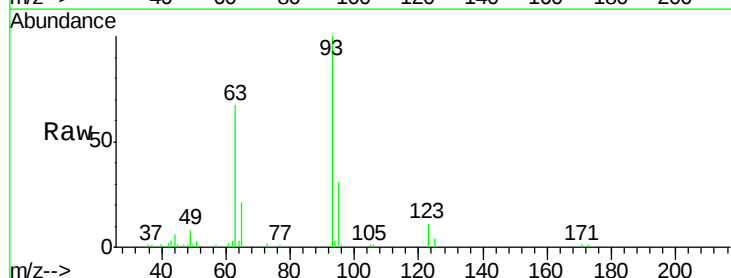
RT: 10.63 min Scan# 1249

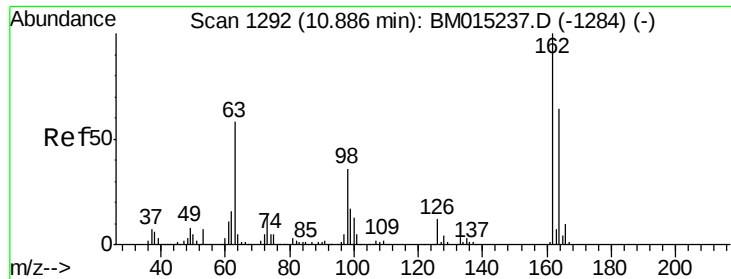
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	70668		
95	31.5	25.5	38.3	
123	11.1	8.6	13.0	





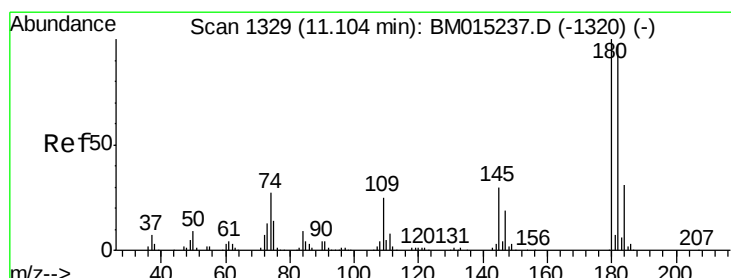
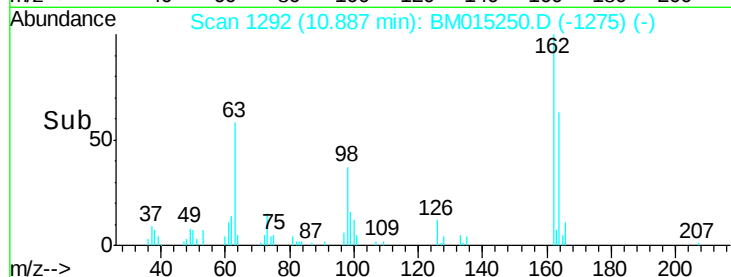
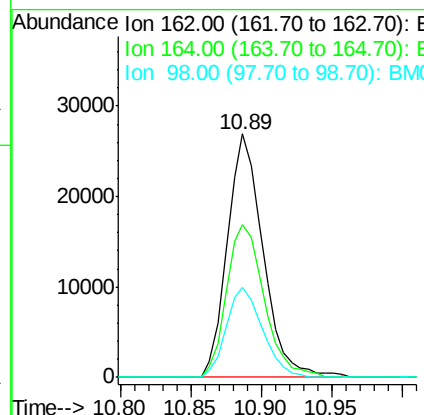
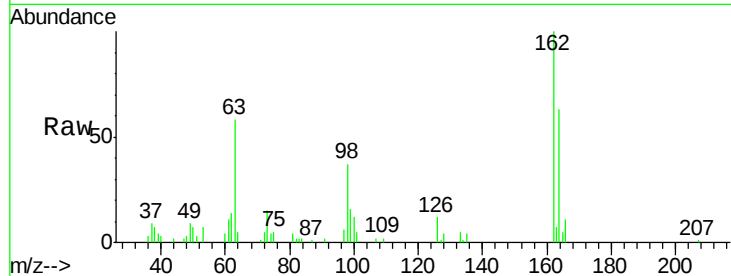
#29
 2,4-Dichlorophenol
 Concen: 4.194 ng
 RT: 10.89 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	47522		
164	62.8	42.8	82.8	
98	37.2	14.5	54.5	

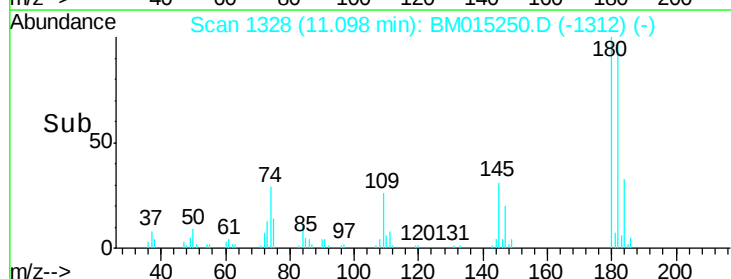
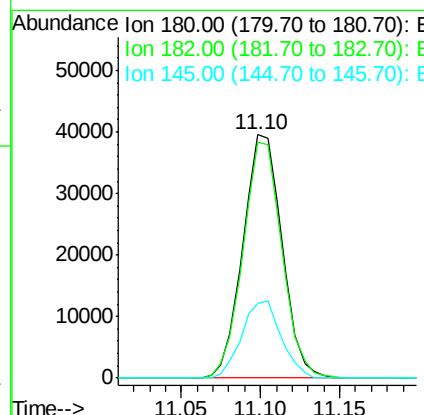
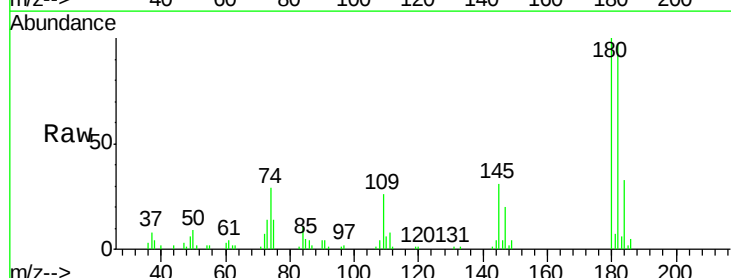
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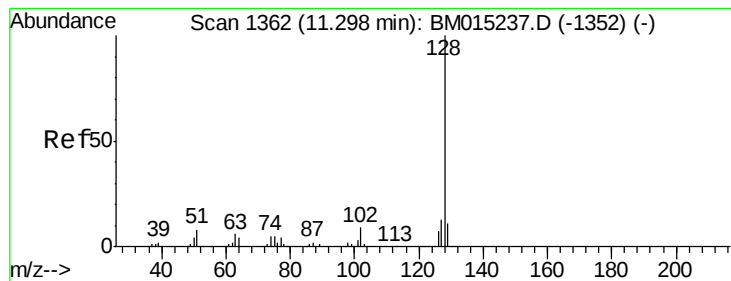
Sohil
 5/23/2018 10:11:24 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 5.095 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68006		
182	96.8	77.6	116.4	
145	30.8	23.4	35.2	





#31

Naphthalene

Concen: 4.986 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

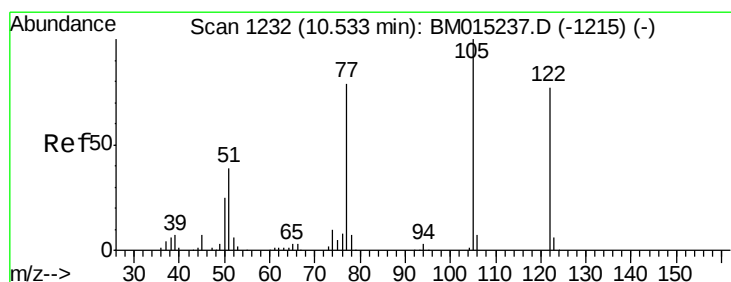
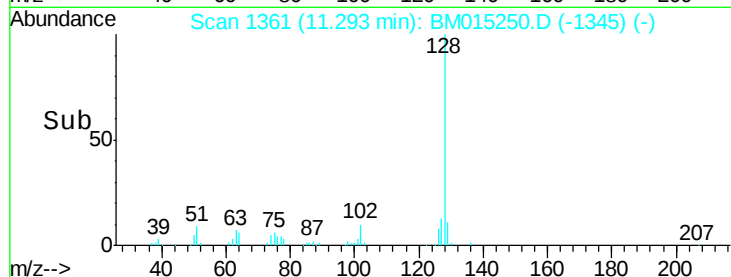
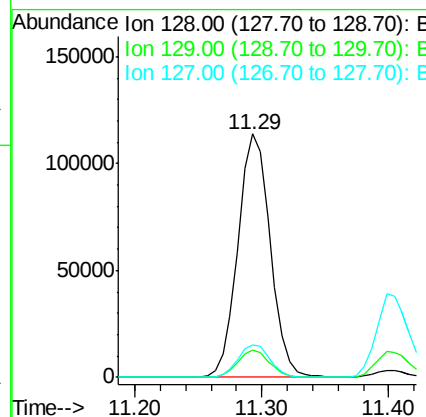
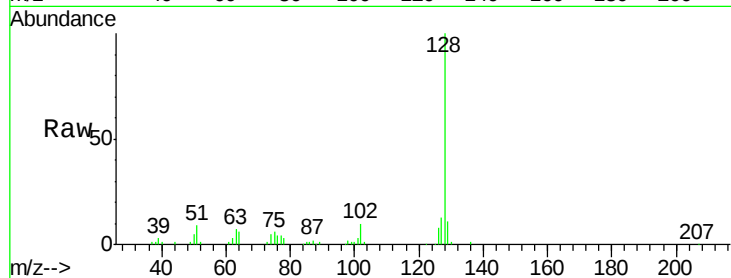
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	200457		
129	11.1	8.9	13.3	
127	13.4	10.4	15.6	

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#32

Benzoic acid

Concen: 4.446 ng m

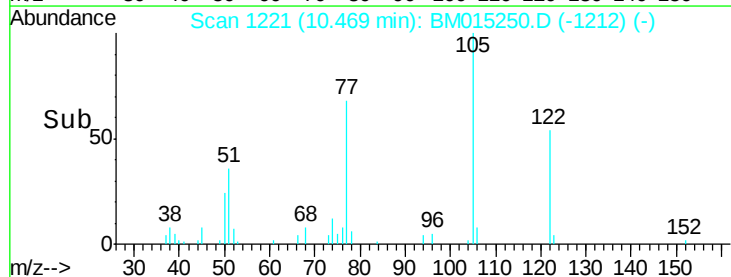
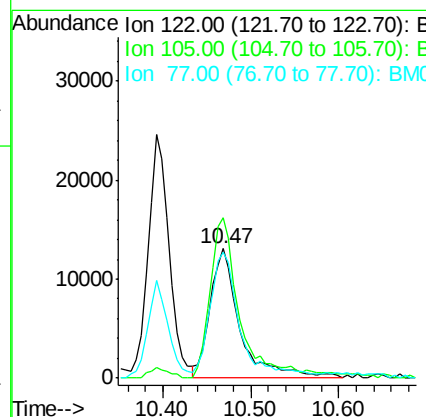
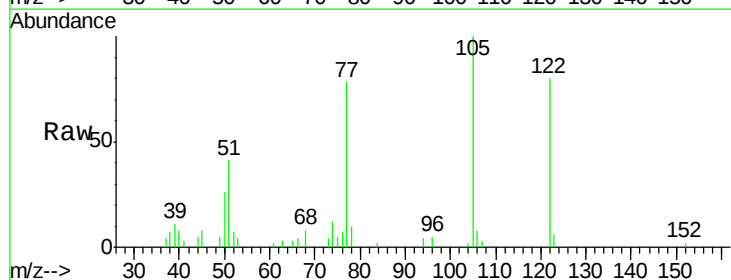
RT: 10.47 min Scan# 1221

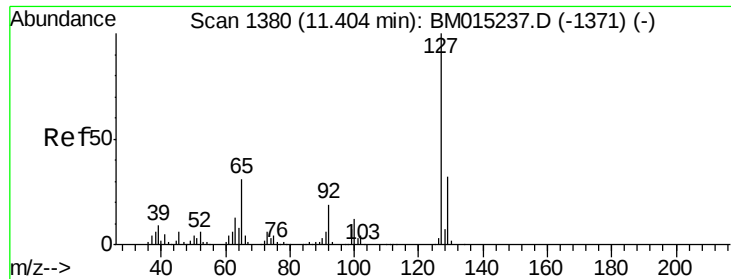
Delta R.T. -0.05 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	30771		
105	124.4	99.9	139.9	
77	96.9	73.7	113.7	





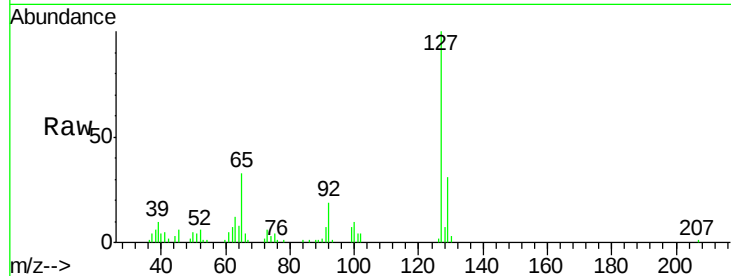
#33
4-Chloroaniline
Concen: 4.524 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

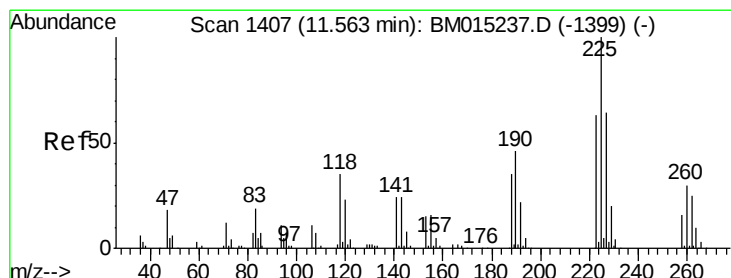
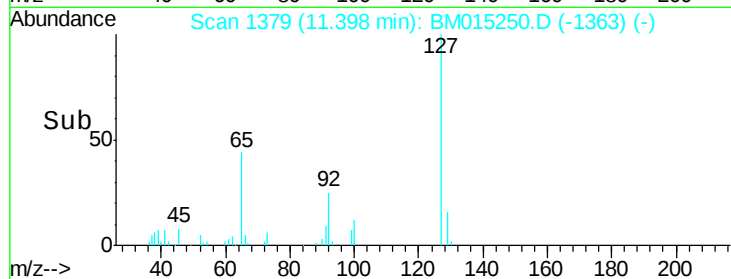
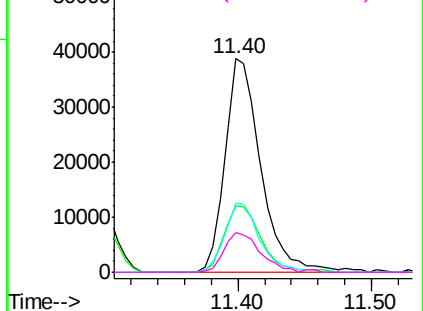
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	72589		
129	31.4	25.3	37.9	
65	32.7	17.6	26.4	
92	18.8	13.1	19.7	

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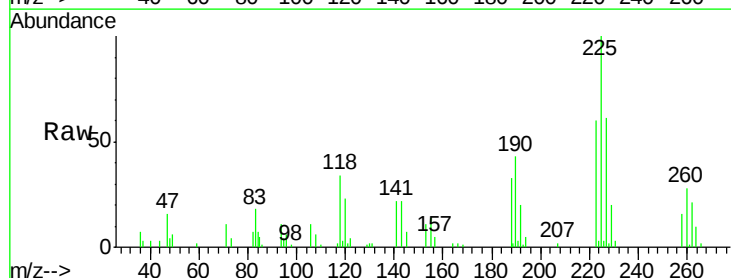


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

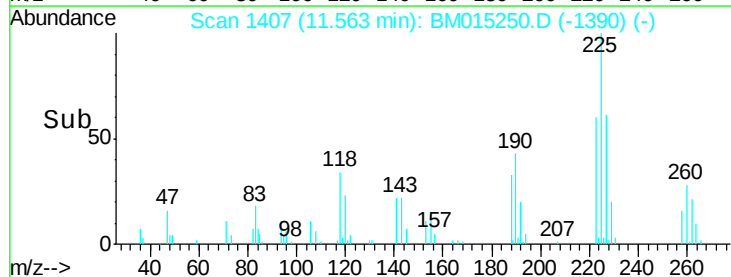
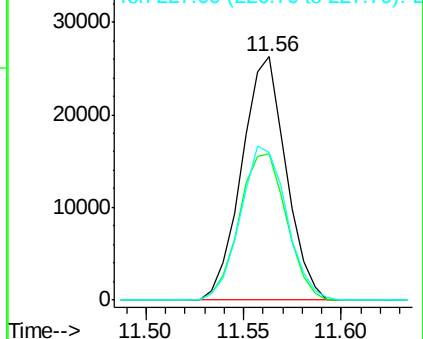


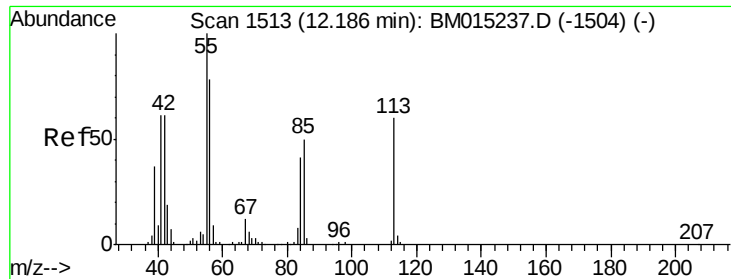
#34
Hexachlorobutadiene
Concen: 5.188 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41180		
223	60.0	47.9	71.9	
227	60.9	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: 3.287 ng

RT: 12.16 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

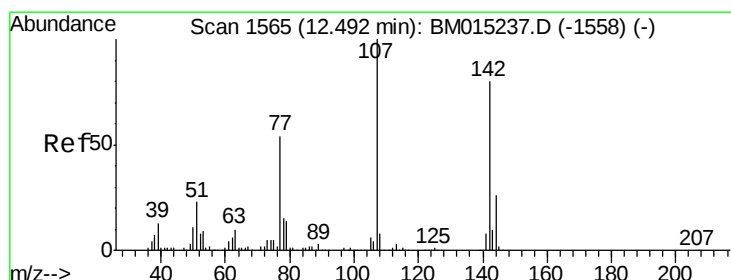
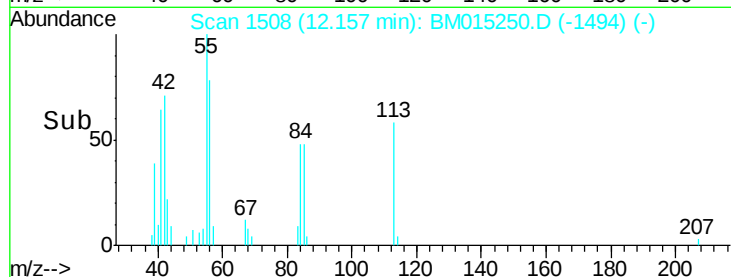
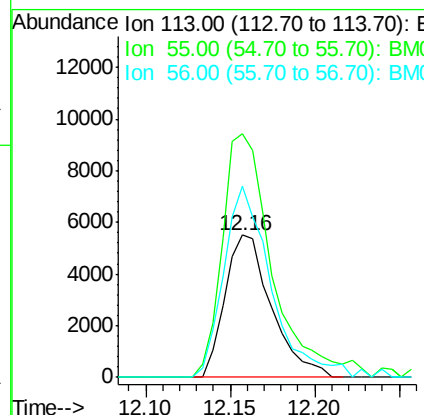
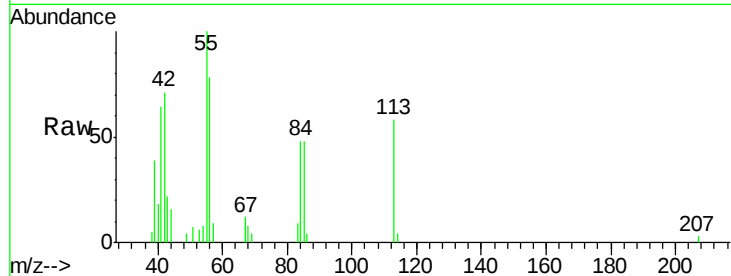
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:113 Resp: 10540
 Ion Ratio Lower Upper
 113 100
 55 171.0 145.9 185.9
 56 134.0 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 4.104 ng

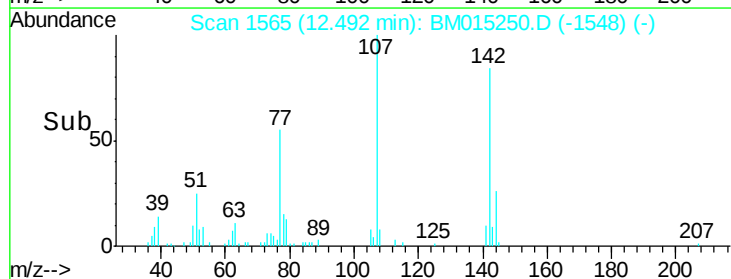
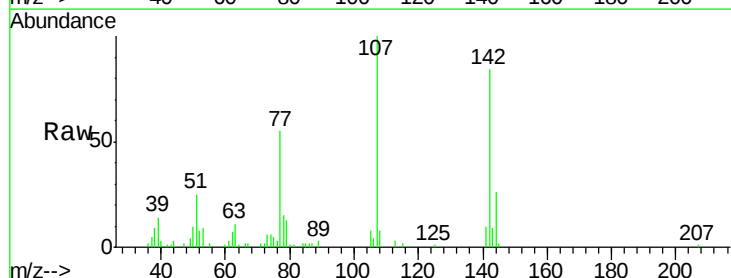
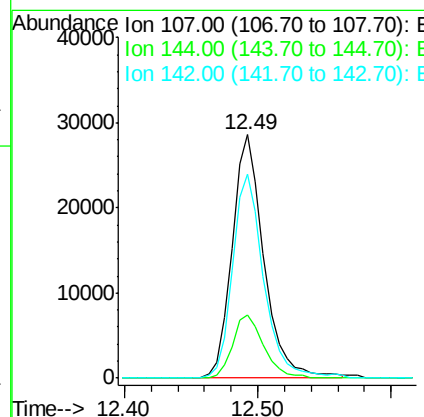
RT: 12.49 min Scan# 1565

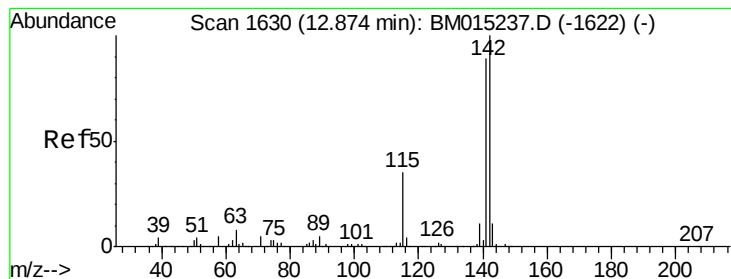
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:107 Resp: 47495
 Ion Ratio Lower Upper
 107 100
 144 25.7 23.3 34.9
 142 83.9 72.6 109.0





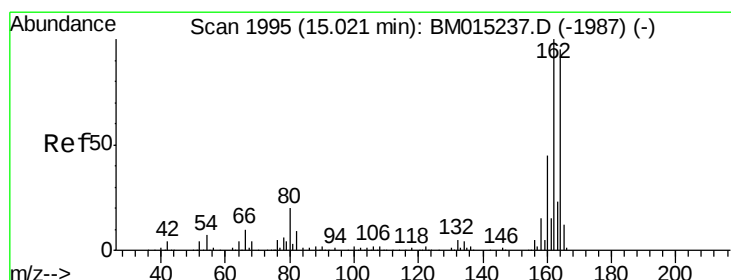
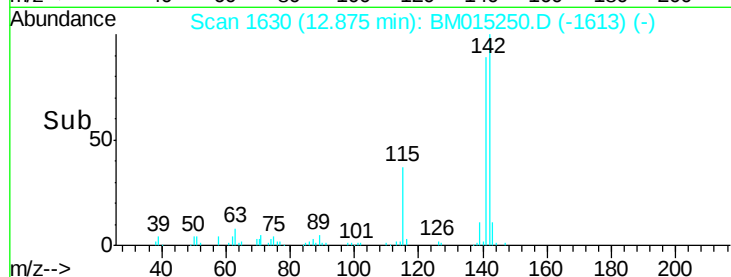
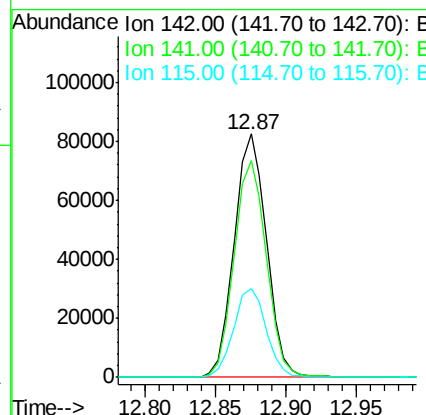
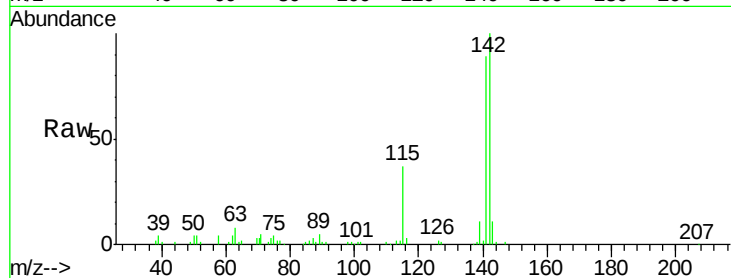
#37
 2-Methylnaphthalene
 Concen: 4.730 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	131797		
141	88.8	71.9	107.9	
115	36.6	25.4	38.0	

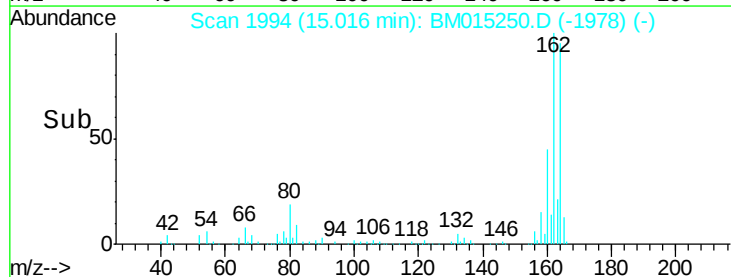
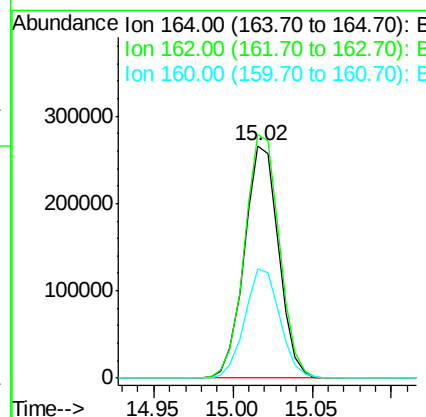
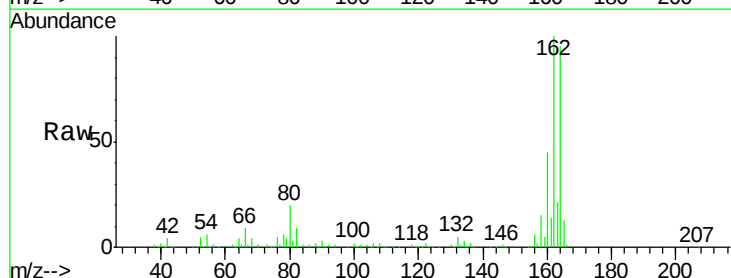
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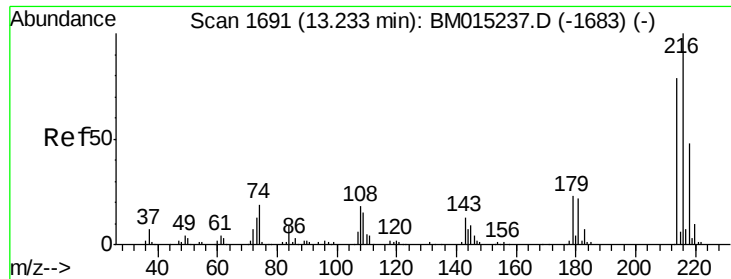
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	398437		
162	104.8	82.4	123.6	
160	46.9	35.8	53.6	





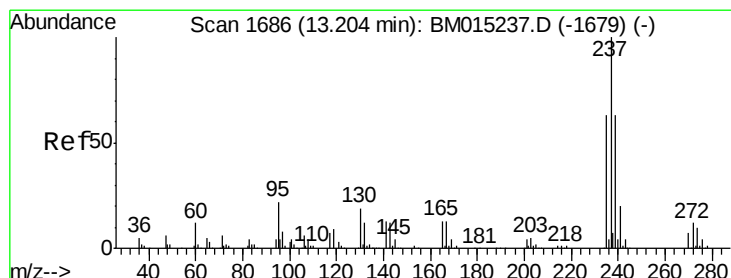
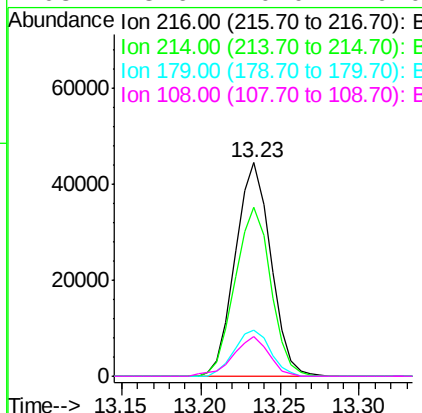
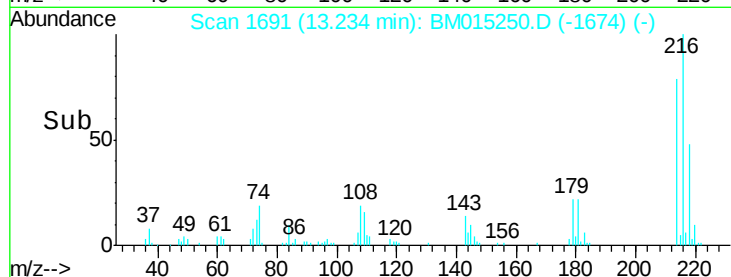
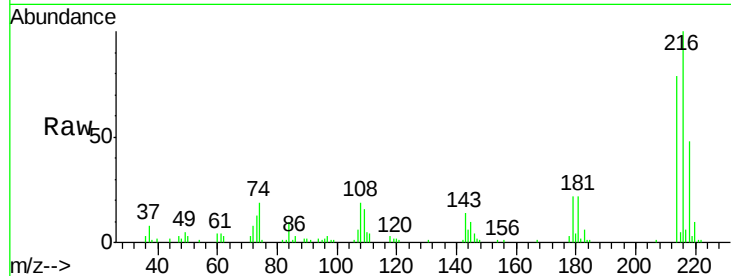
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.935 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	69257		
214	79.8	0.0	0.0	0.0
179	21.8	0.0	0.0	0.0
108	18.6	0.0	0.0	0.0

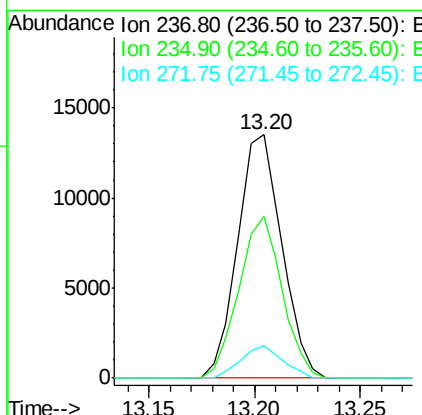
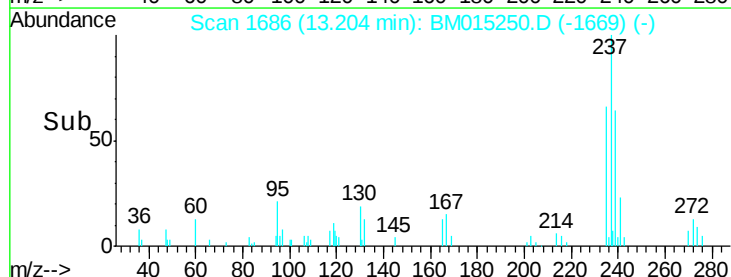
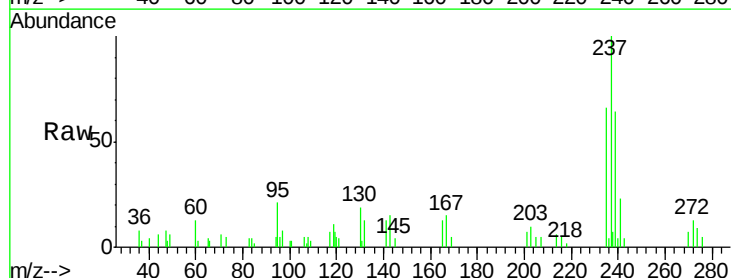
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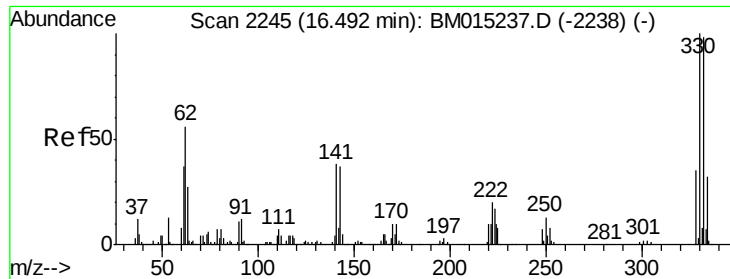
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#40
 Hexachlorocyclopentadiene
 Concen: 7.269 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19617		
235	66.3	42.0	82.0	
272	13.2	0.0	33.4	





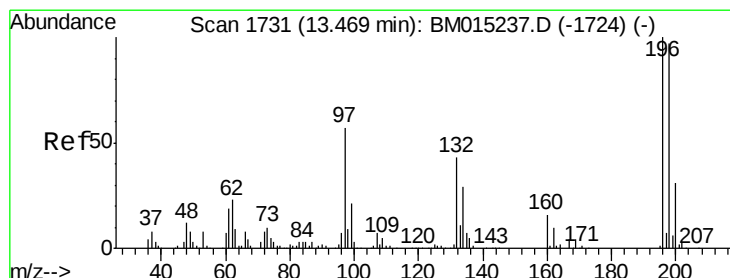
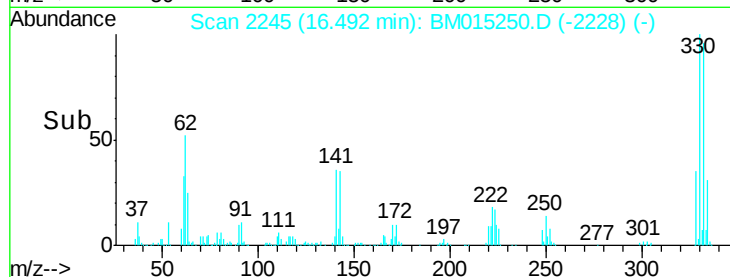
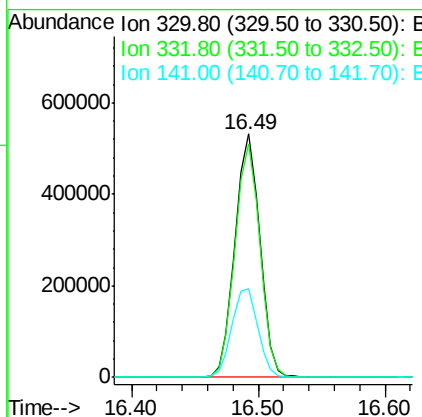
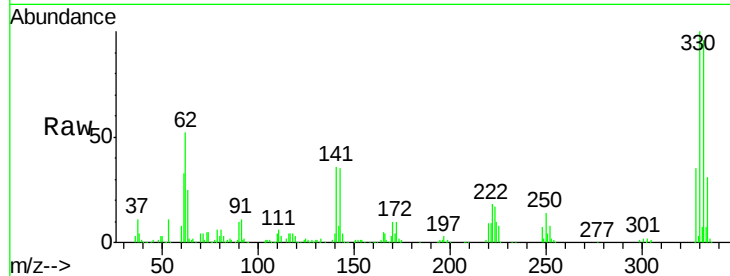
#41
 2,4,6-Tribromophenol
 Concen: 144.614 ng
 RT: 16.49 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	0.0	0.0#
141	38.2	0.0	0.0#

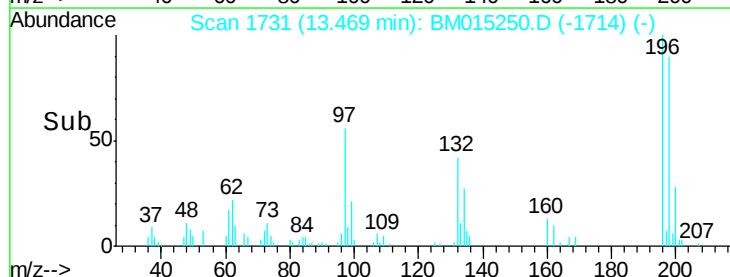
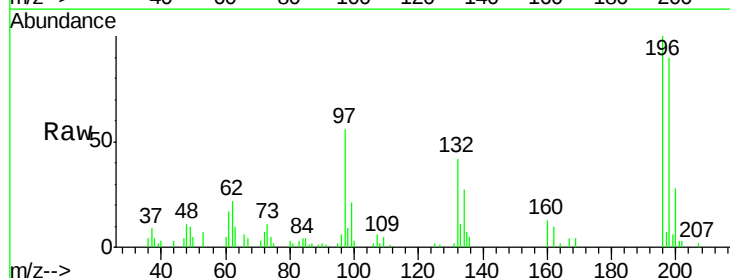
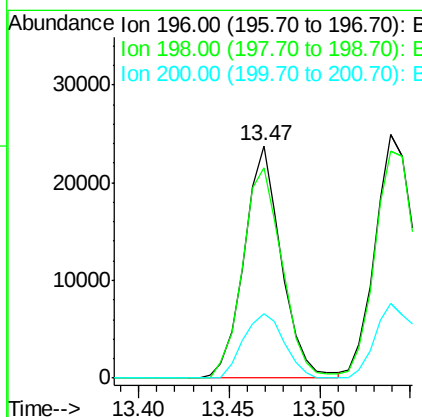
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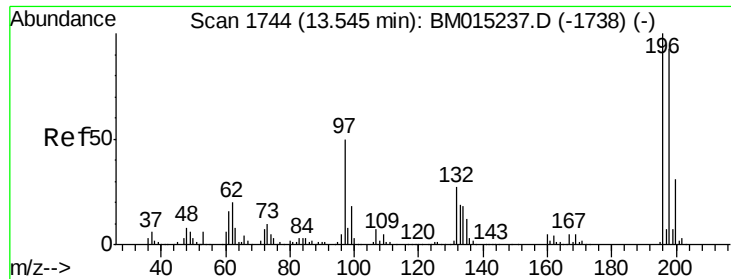
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#42
 2,4,6-Trichlorophenol
 Concen: 4.020 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	90.4	76.3	114.5
200	27.8	25.6	38.4





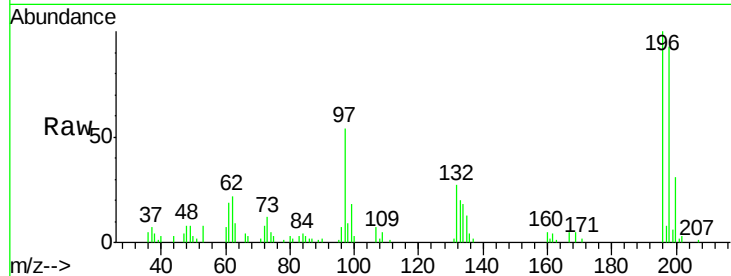
#43
 2,4,5-Trichlorophenol
 Concen: 4.478 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

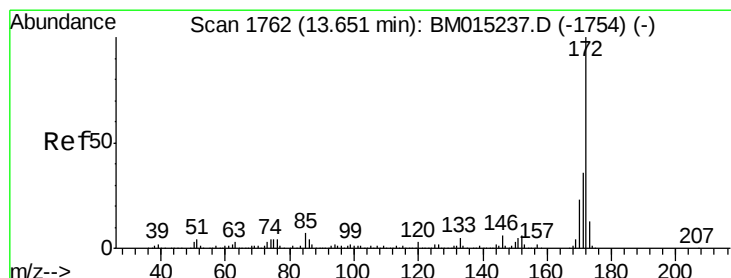
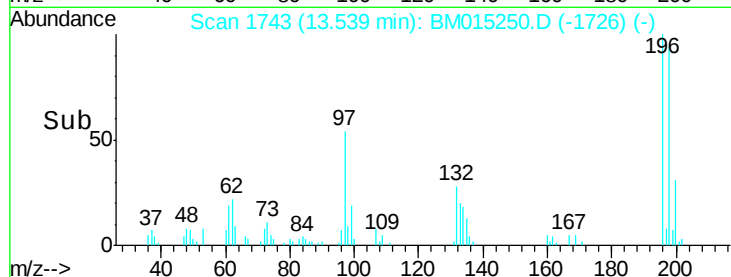
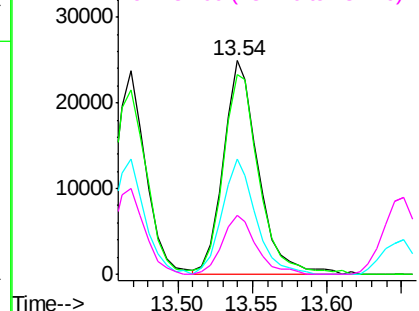
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40778		
198	93.2	79.4	119.0	
97	53.7	26.8	40.2#	
132	27.4	18.6	28.0	

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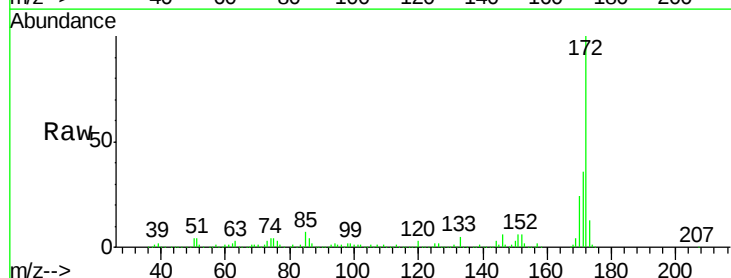


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

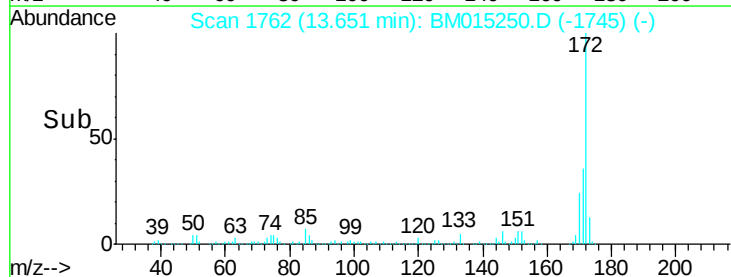
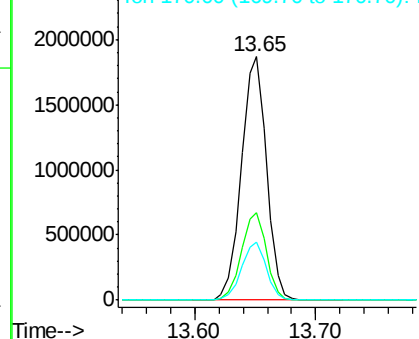


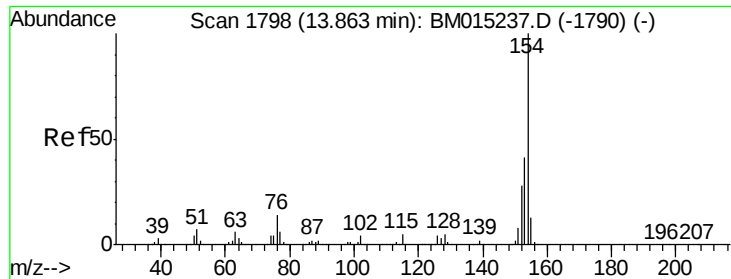
#44
 2-Fluorobiphenyl
 Concen: 84.594 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2711333		
171	35.8	28.5	42.7	
170	23.6	18.8	28.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





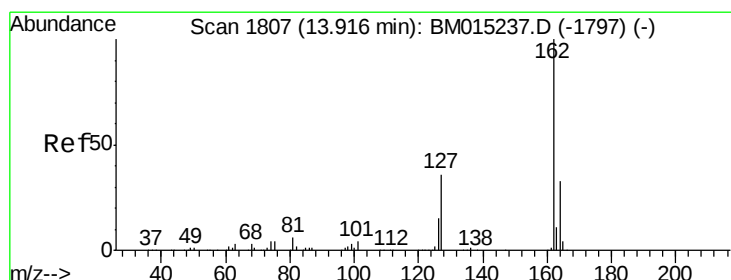
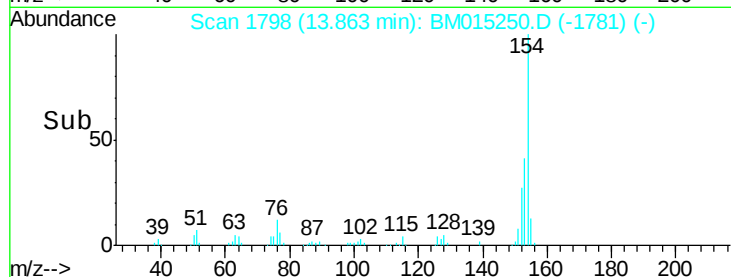
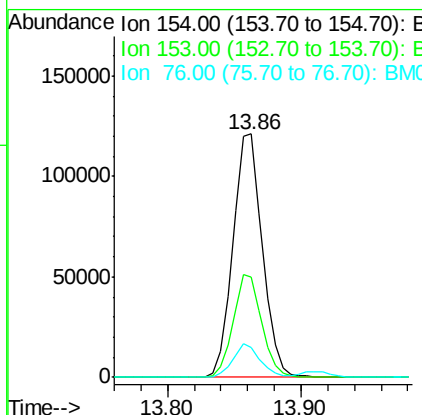
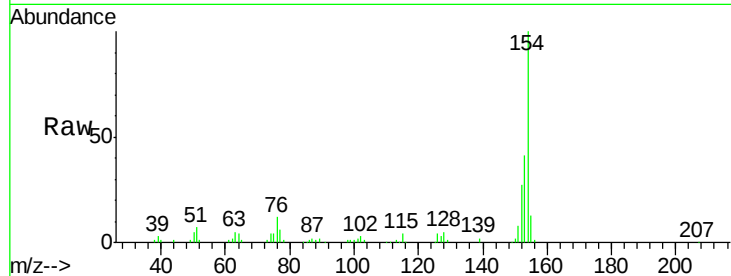
#45
 1,1'-Biphenyl
 Concen: 5.323 ng
 RT: 13.86 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	185583		
153	41.3	20.7	60.7	
76	12.1	0.0	30.9	

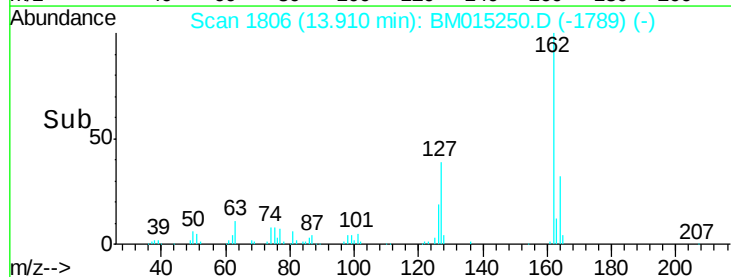
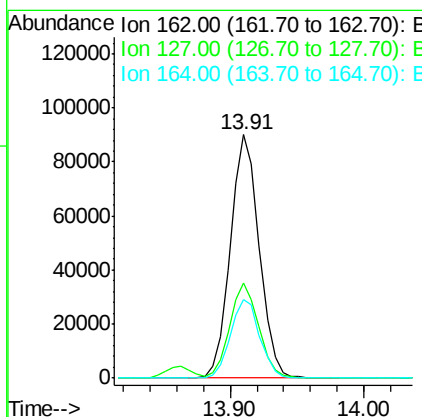
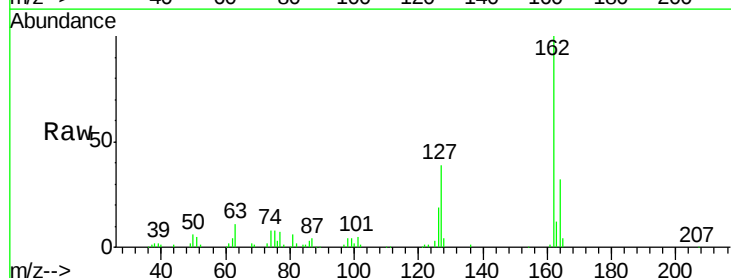
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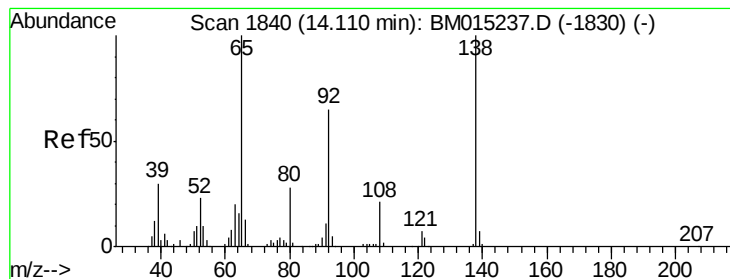
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#46
 2-Chloronaphthalene
 Concen: 5.058 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	135704		
127	38.8	26.9	40.3	
164	32.3	26.8	40.2	





#47

2-Nitroaniline

Concen: 3.715 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion: 65 Resp: 28397
Ion Ratio Lower Upper

65 100

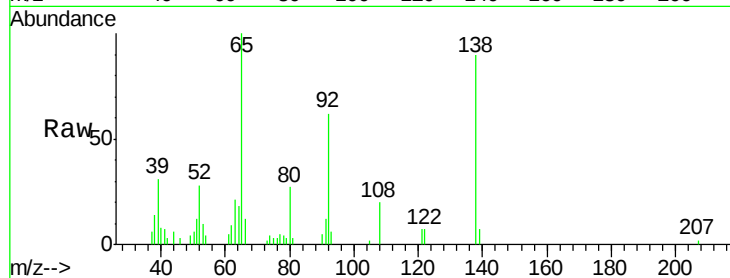
92 62.2 59.1 88.7

138 89.7 93.9 140.9#

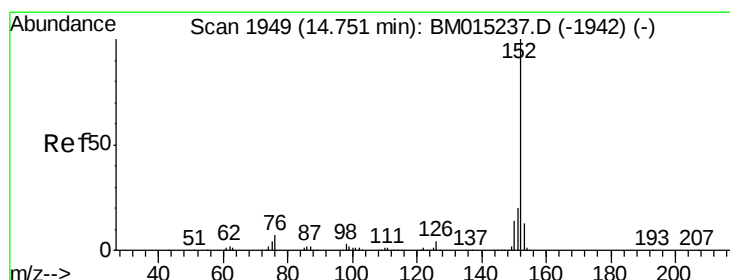
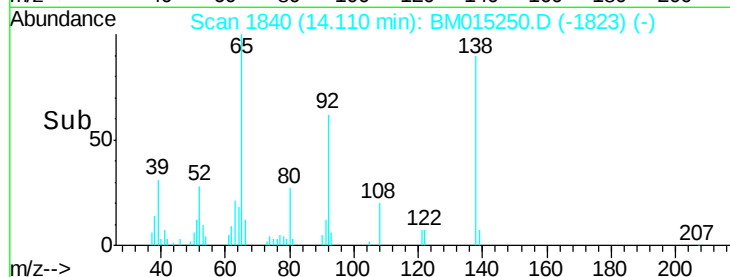
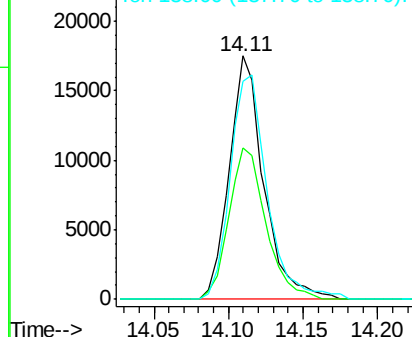
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Abundance Ion 65.00 (64.70 to 65.70): BM015237.D (-1830) (-)
Ion 92.00 (91.70 to 92.70): BM015237.D (-1830) (-)
Ion 138.00 (137.70 to 138.70): BM015237.D (-1830) (-)



#48

Acenaphthylene

Concen: 4.794 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM015250.D

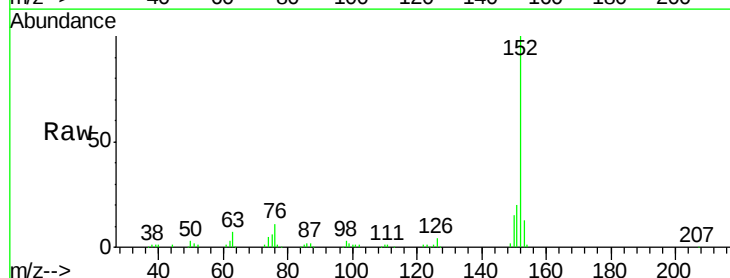
Acq: 22 May 2018 21:12

Tgt Ion: 152 Resp: 191037
Ion Ratio Lower Upper

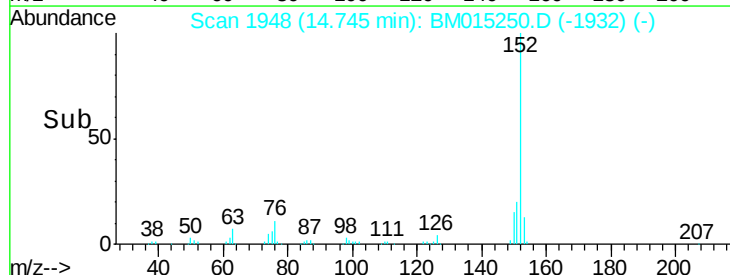
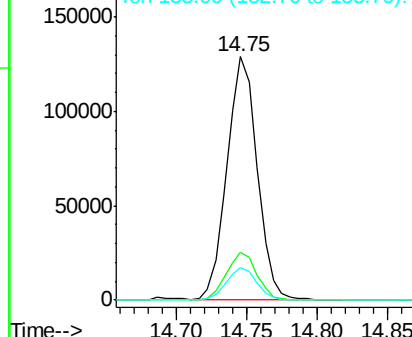
152 100

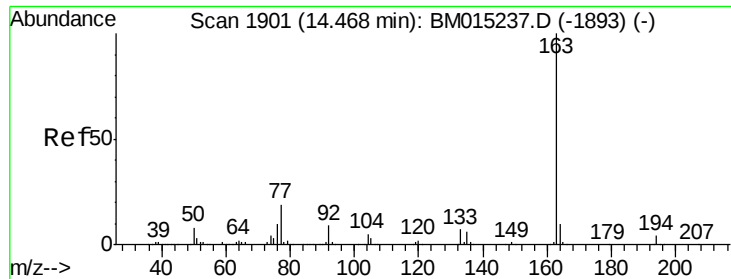
151 19.8 15.9 23.9

153 13.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM015237.D (-1942) (-)
Ion 151.00 (150.70 to 151.70): BM015237.D (-1942) (-)
Ion 153.00 (152.70 to 153.70): BM015237.D (-1942) (-)





#49

Dimethylphthalate

Concen: 5.087 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

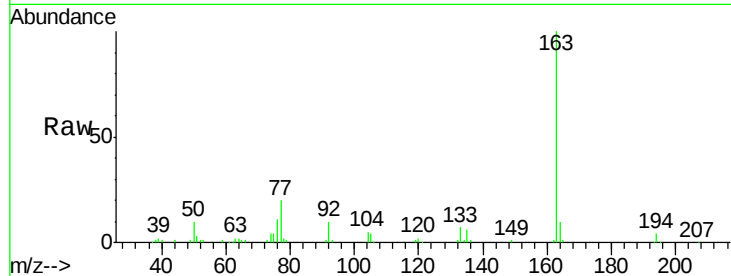
ClientSampleId :

MDL-SOIL-03-QT2-2018

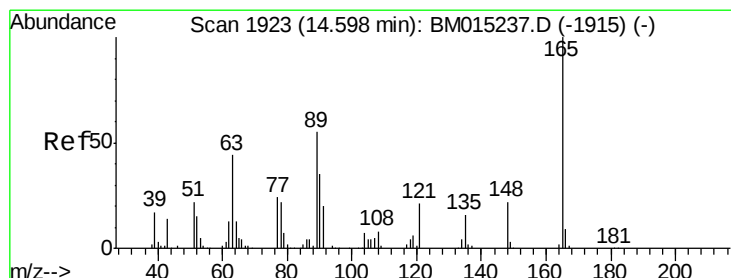
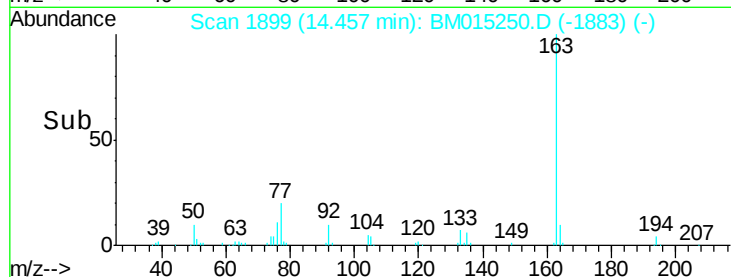
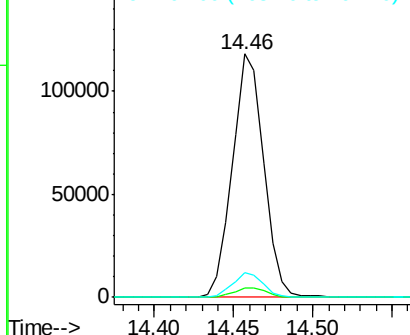
Tgt Ion:	163	Resp:	161747
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1
164	10.2	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 4.292 ng

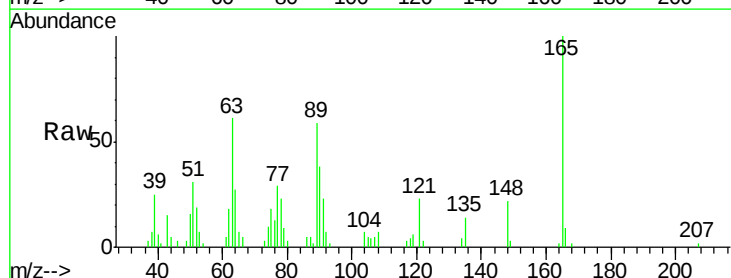
RT: 14.59 min Scan# 1922

Delta R.T. 0.00 min

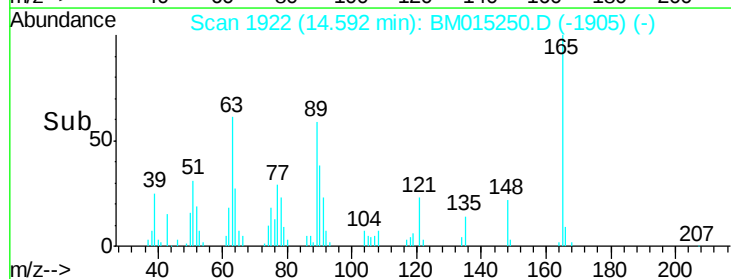
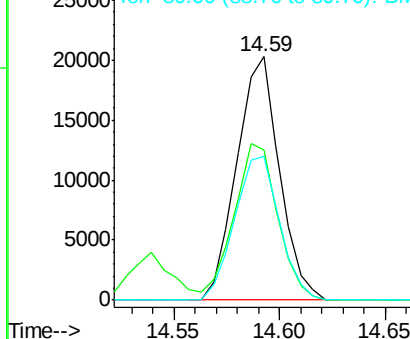
Lab File: BM015250.D

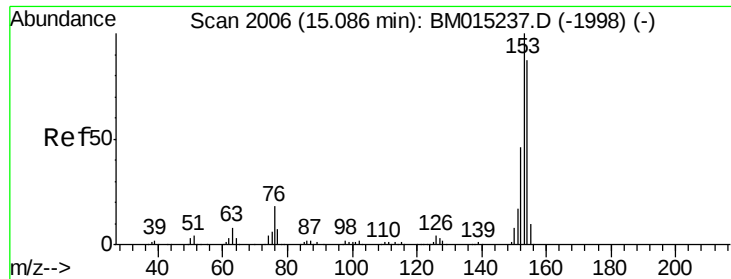
Acq: 22 May 2018 21:12

Tgt Ion:	165	Resp:	28475
Ion Ratio	Lower	Upper	
165	100		
63	61.5	44.1	66.1
89	58.8	44.3	66.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 5.141 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

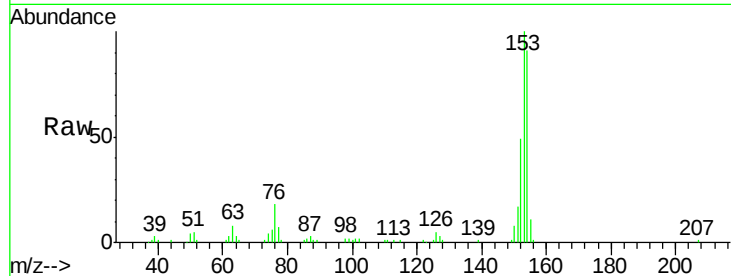
ClientSampleId :

MDL-SOIL-03-QT2-2018

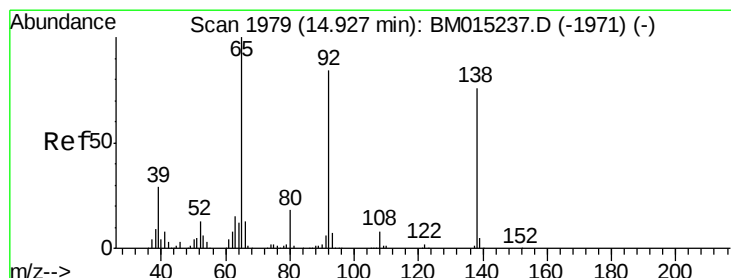
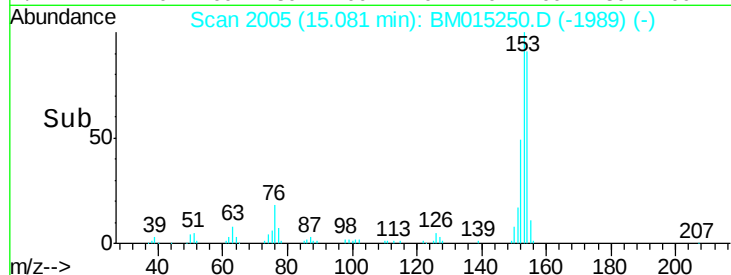
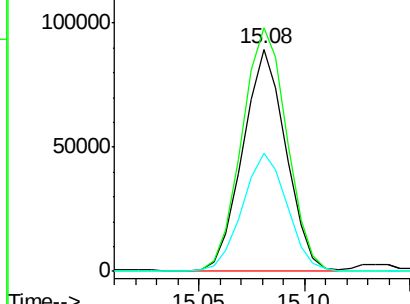
Tgt Ion:	154	Resp:	127628
Ion Ratio	Lower	Upper	
154	100		
153	109.7	90.0	135.0
152	53.4	42.6	63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.803 ng

RT: 14.92 min Scan# 1978

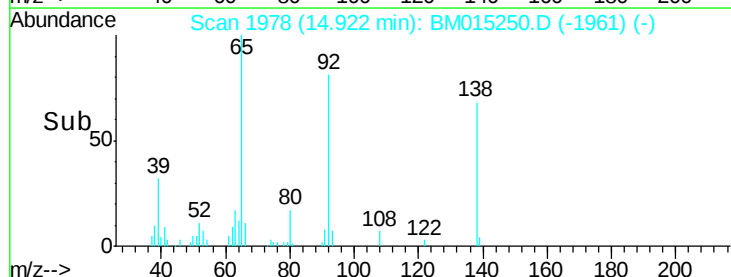
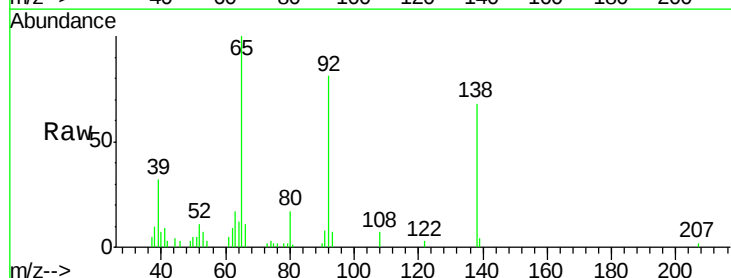
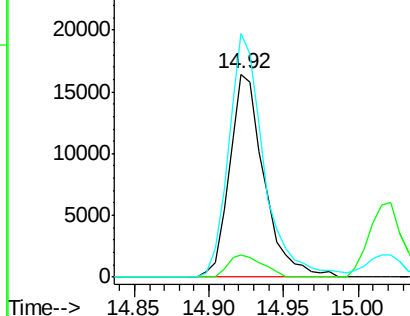
Delta R.T. 0.00 min

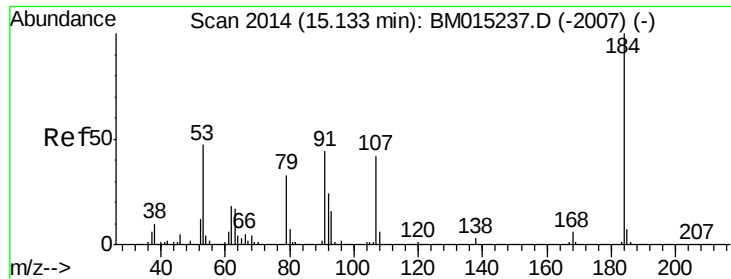
Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	138	Resp:	26563
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.3	10.9#
92	119.9	76.6	114.8#

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





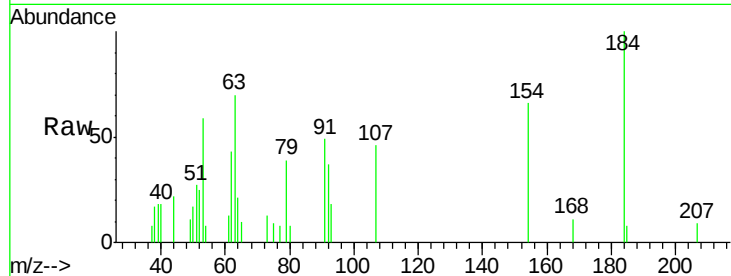
#53
2,4-Dinitrophenol
Concen: 8.287 ng
RT: 15.13 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

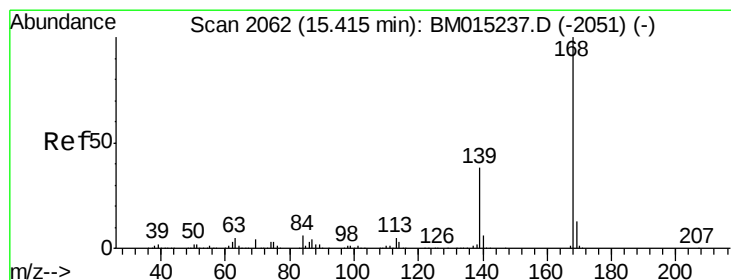
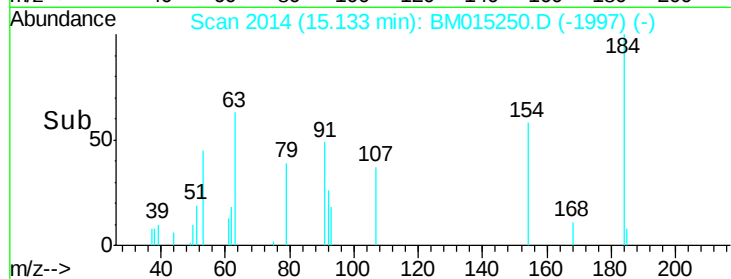
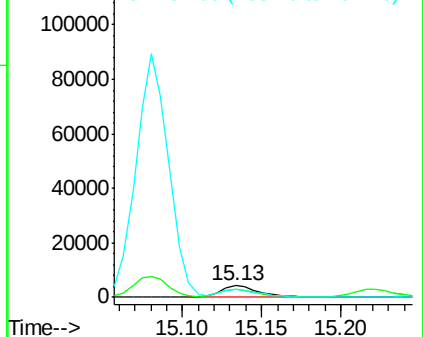
Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.0	69.2	103.8
154	66.0	53.3	79.9

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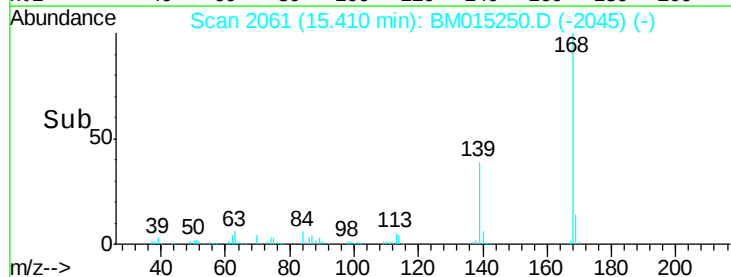
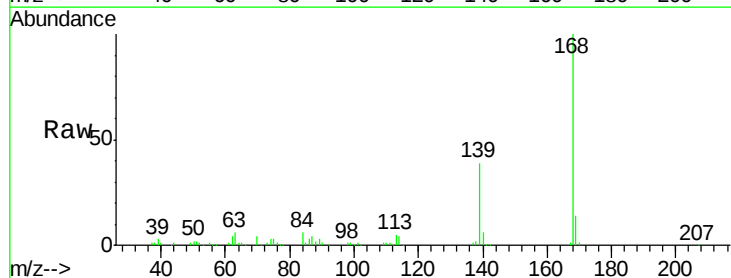
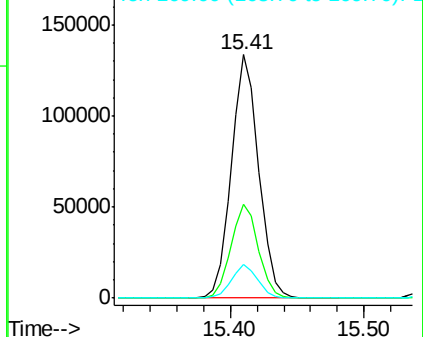
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM015250.D (-2045) (-)
Ion 154.00 (153.70 to 154.70): E

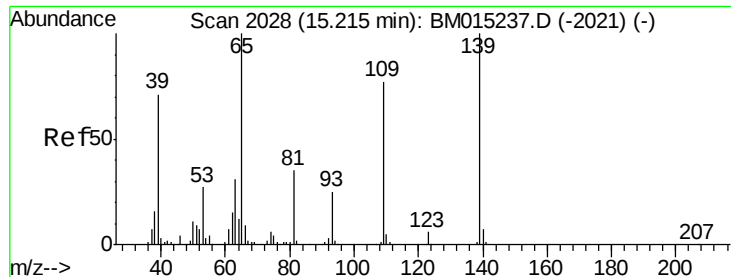


#54
Dibenzofuran
Concen: 4.860 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	27.3	40.9
169	13.6	10.6	16.0

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





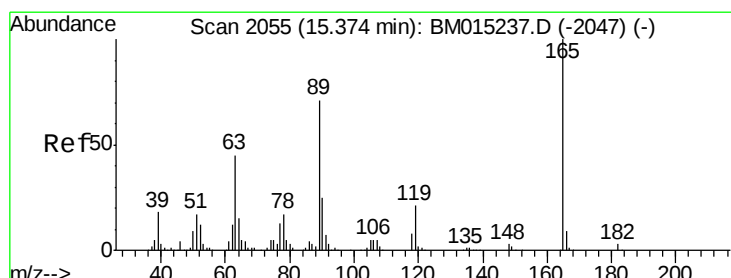
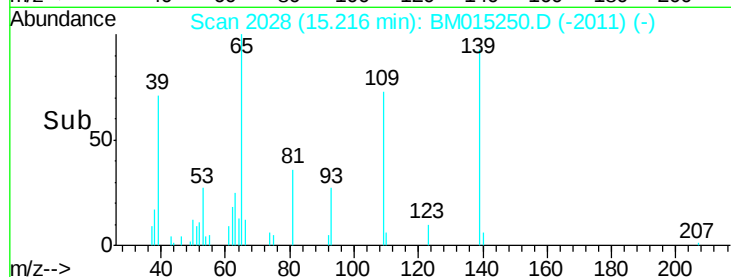
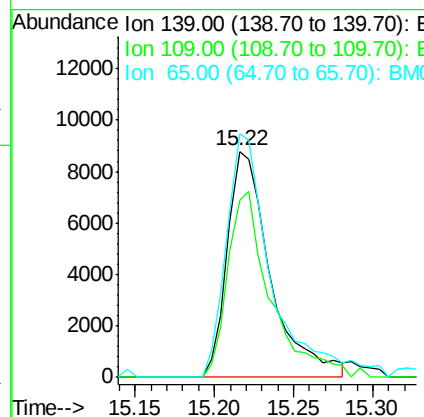
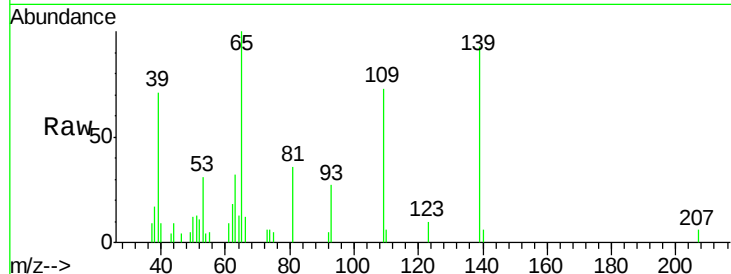
#55
4-Nitrophenol
Concen: 2.940 ng
RT: 15.22 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	16658		
109	78.4	130.0	170.0#	
65	107.8	130.0	170.0#	

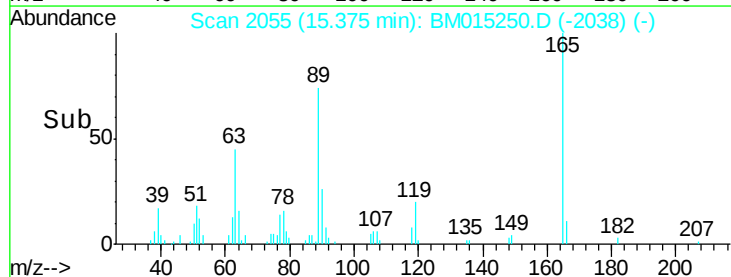
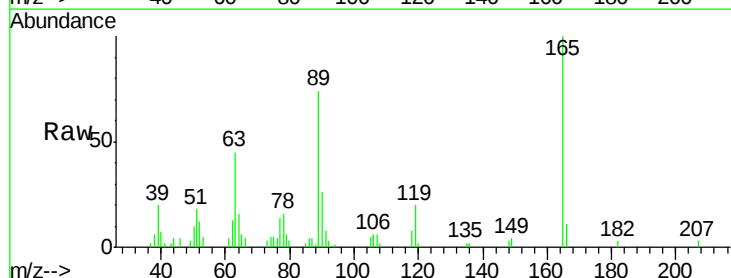
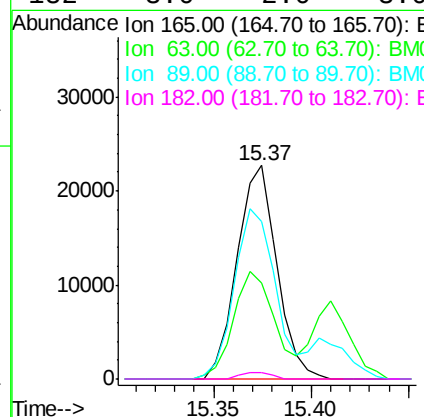
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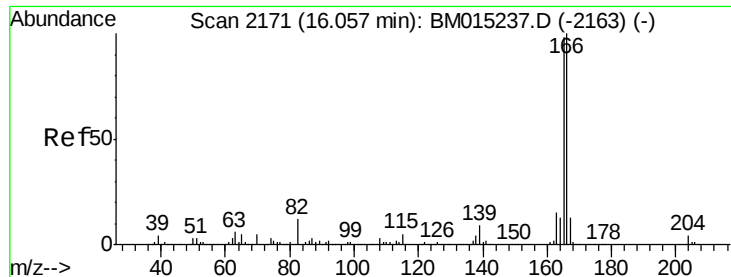
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#56
2,4-Dinitrotoluene
Concen: 3.523 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	32000		
63	44.9	52.4	78.6#	
89	73.6	72.4	108.6	
182	3.0	2.0	3.0	





#57

Fluorene

Concen: 4.868 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

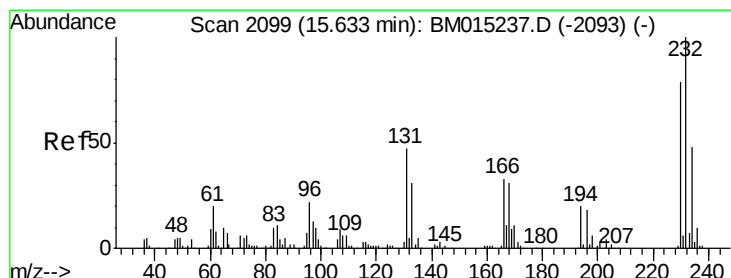
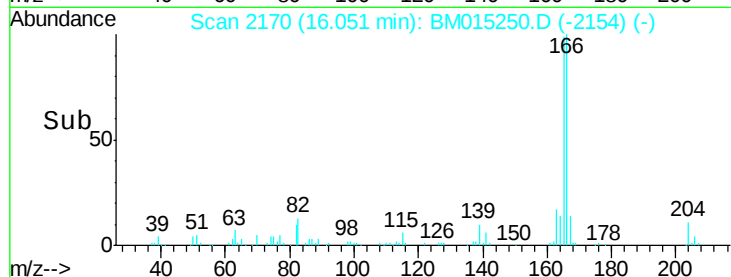
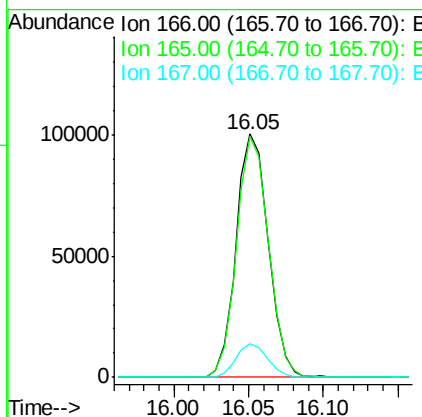
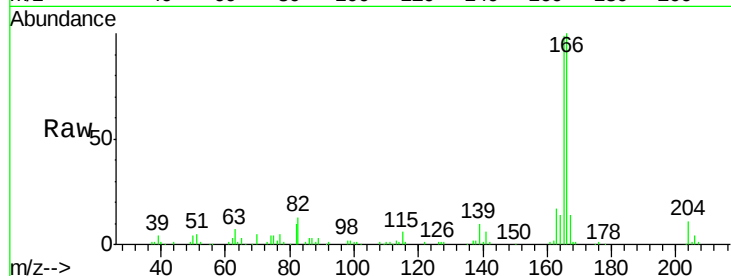
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:	166	Resp:	150575
Ion Ratio		Lower	Upper
166	100		
165	99.0	79.0	118.4
167	13.8	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 3.975 ng

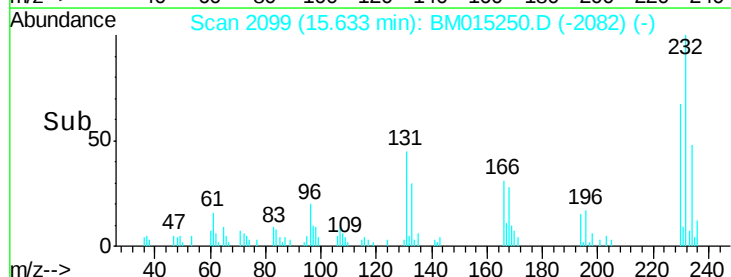
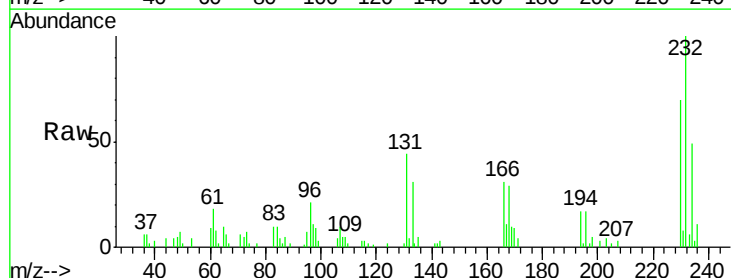
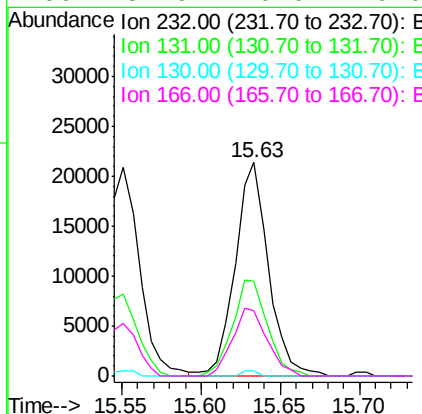
RT: 15.63 min Scan# 2099

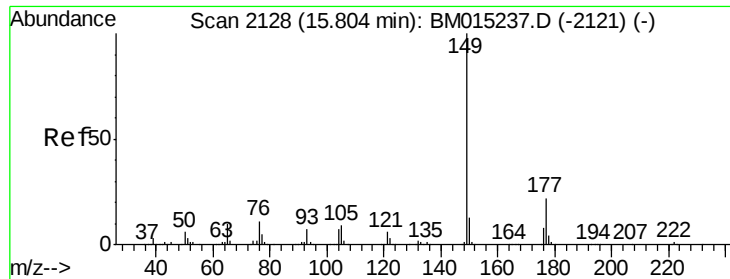
Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	232	Resp:	31044
Ion Ratio		Lower	Upper
232	100		
131	47.2	0.0	0.0#
130	1.2	0.0	0.0#
166	32.9	0.0	0.0#





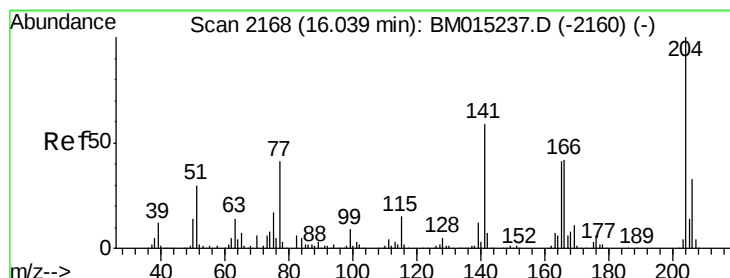
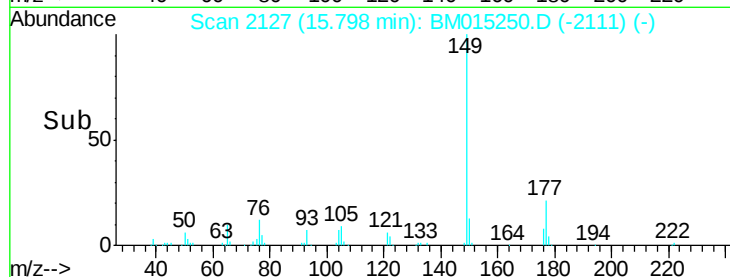
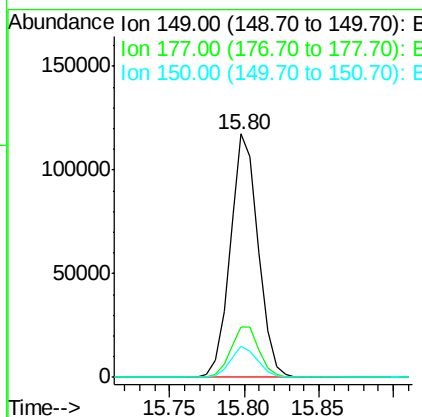
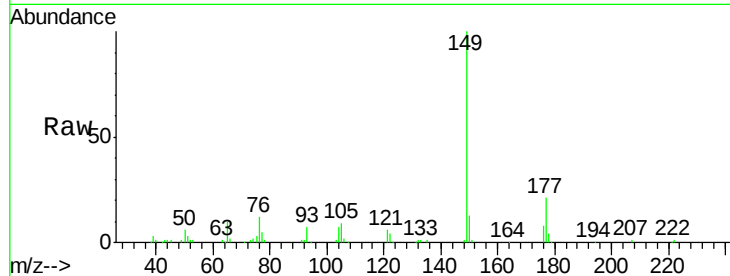
#59
Diethylphthalate
Concen: 4.886 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	153142		
177	20.7	18.3	27.5	
150	13.0	9.8	14.8	

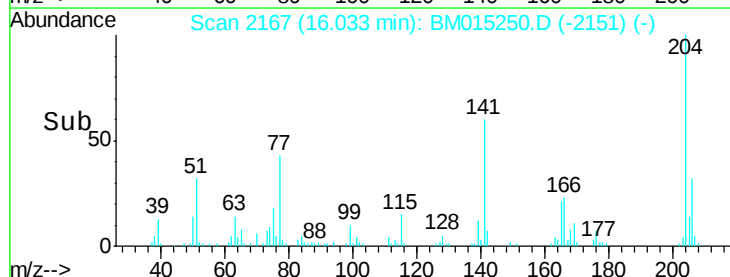
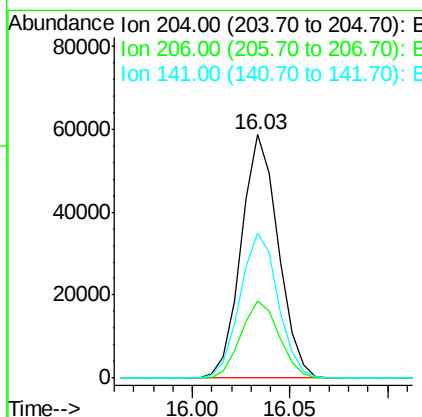
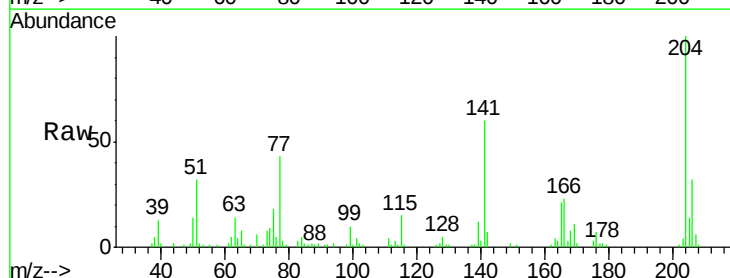
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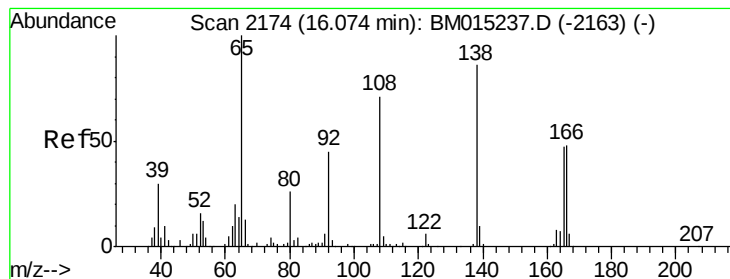
Sohil
5/23/2018 10:11:24 AM



#60
4-Chlorophenyl-phenylether
Concen: 4.902 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	77231		
206	31.7	26.6	39.8	
141	59.7	45.2	67.8	





#61

4-Nitroaniline

Concen: 3.503 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

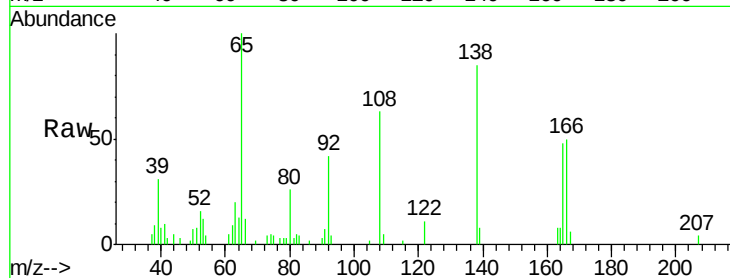
ClientSampleId :

MDL-SOIL-03-QT2-2018

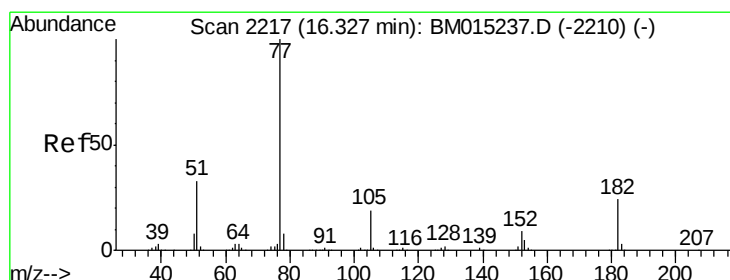
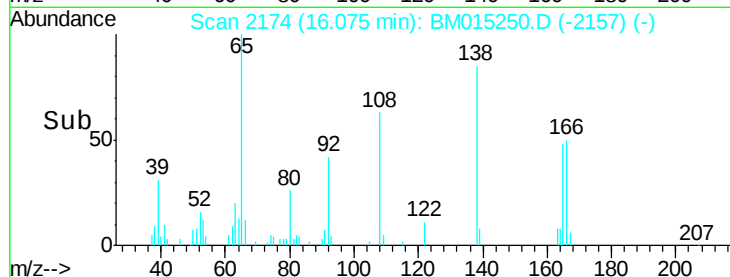
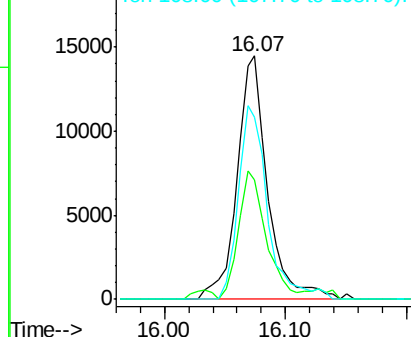
Tgt Ion:	138	Resp:	25586
Ion Ratio	Lower	Upper	
138	100		
92	49.1	16.7	56.7
108	74.7	37.6	77.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.349 ng

RT: 16.33 min Scan# 2217

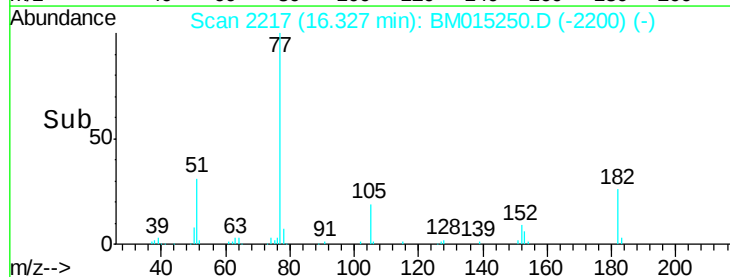
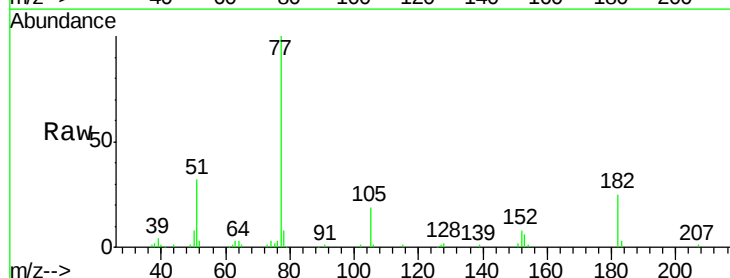
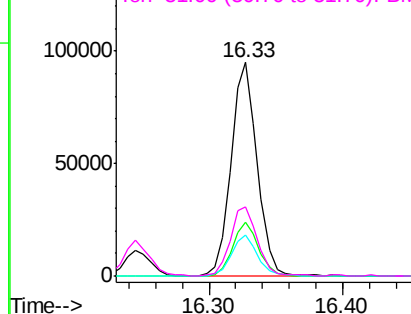
Delta R.T. 0.00 min

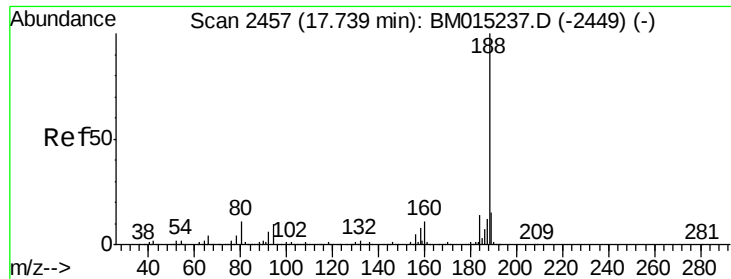
Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	77	Resp:	129501
Ion Ratio	Lower	Upper	
77	100		
182	25.4	6.5	46.5
105	19.2	3.8	43.8
51	32.4	5.5	45.5

Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM





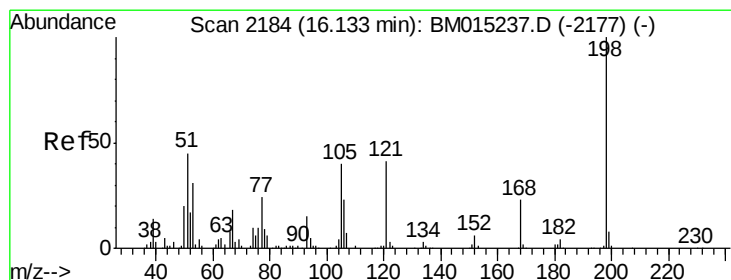
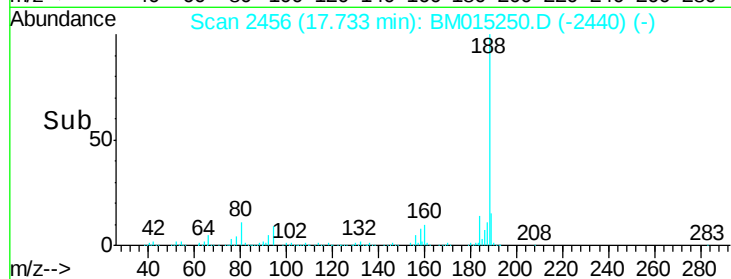
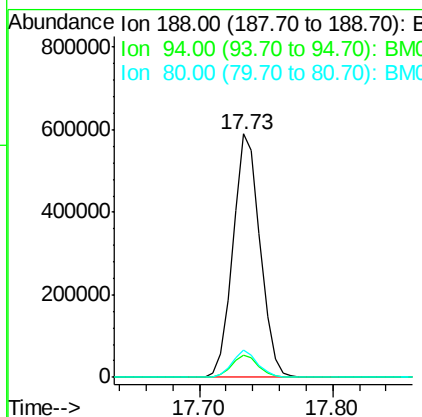
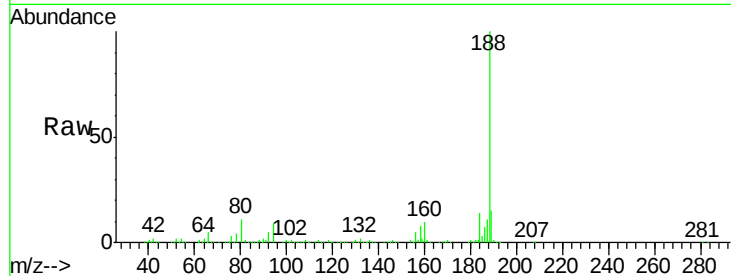
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	8.7	13.1
80	11.1	9.3	13.9

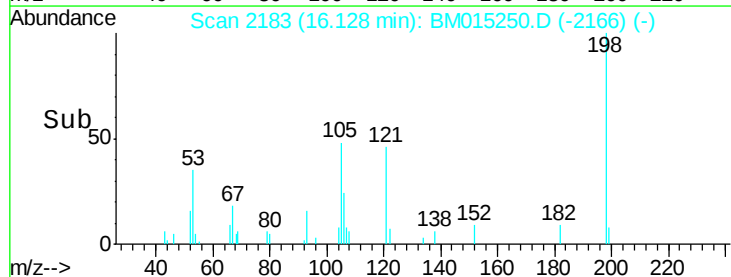
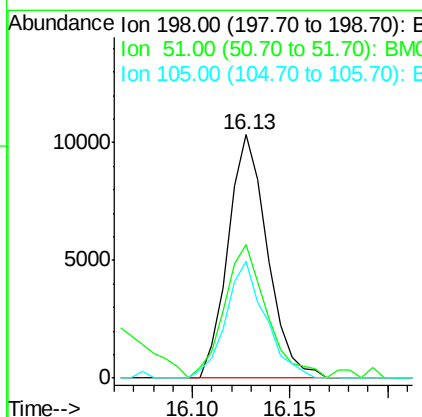
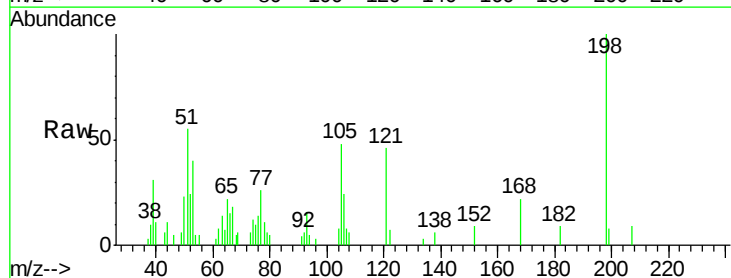
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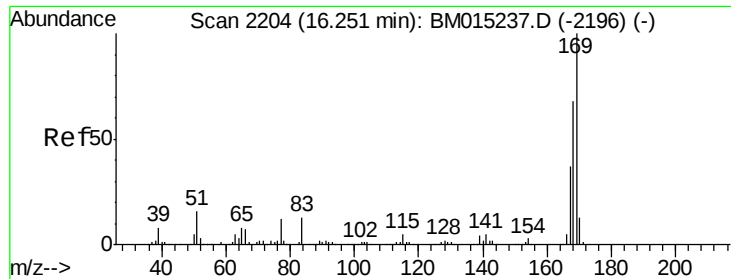
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.150 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	54.9	28.8	68.8
105	48.1	30.5	70.5





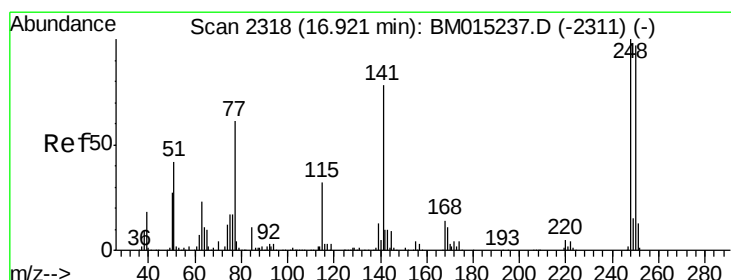
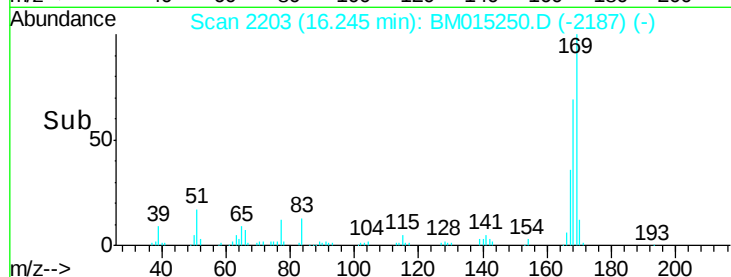
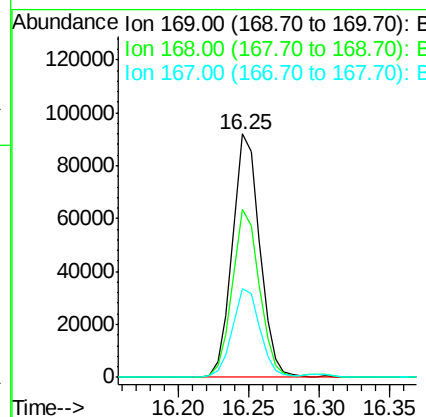
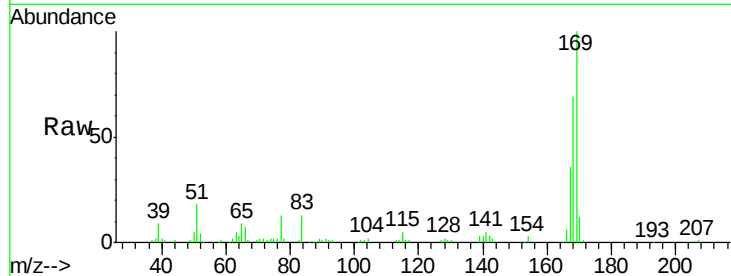
#65
 n-Nitrosodiphenylamine
 Concen: 4.666 ng
 RT: 16.25 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	124487		
168	69.1	53.9	80.9	
167	36.4	28.9	43.3	

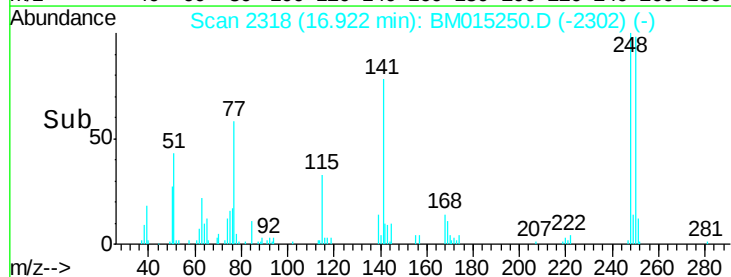
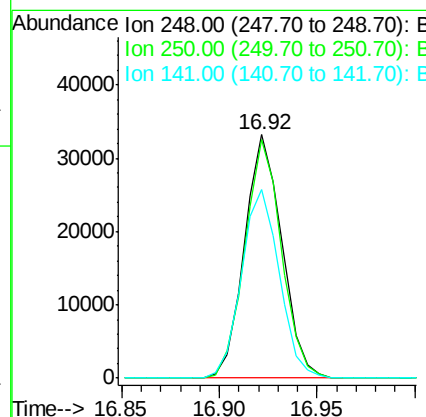
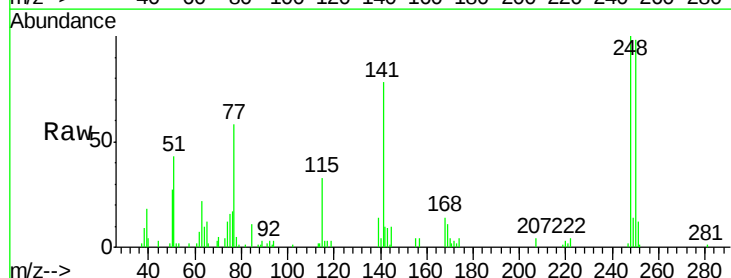
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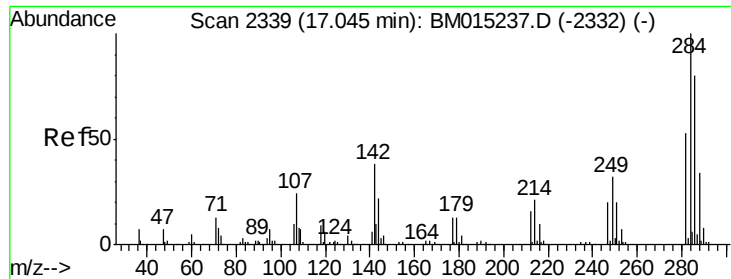
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#66
 4-Bromophenyl-phenylether
 Concen: 4.737 ng
 RT: 16.92 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	43947		
250	98.0	77.4	116.0	
141	77.6	45.2	67.8	





#67

Hexachlorobenzene

Concen: 5.044 ng

RT: 17.05 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

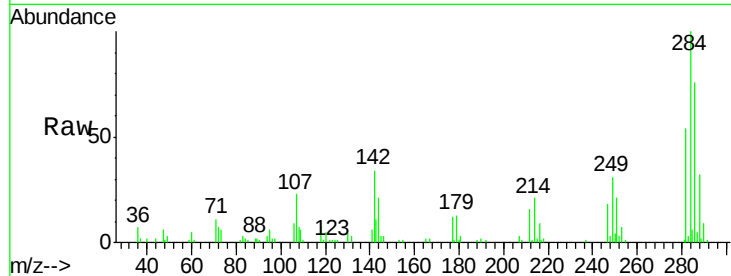
ClientSampleId :

MDL-SOIL-03-QT2-2018

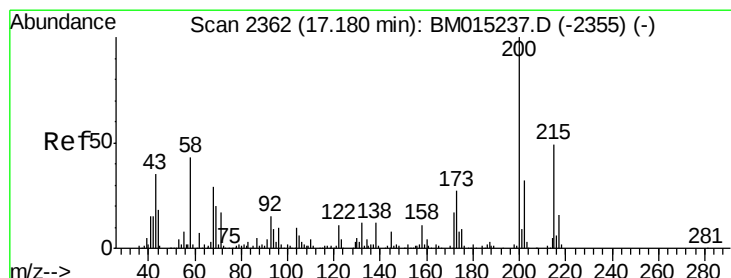
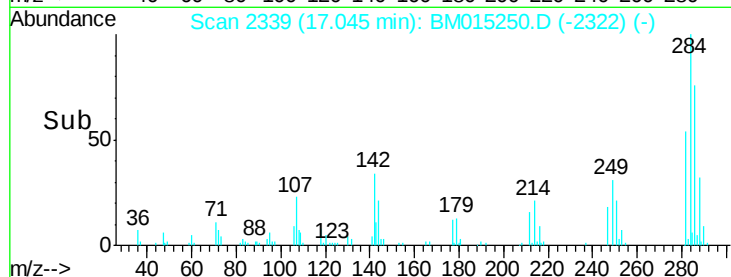
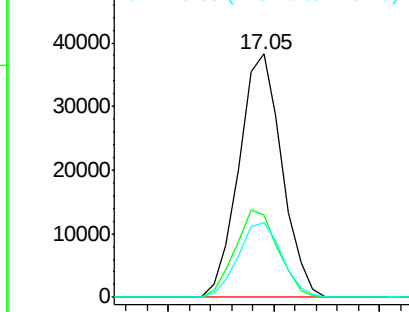
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	53884		
142	33.7	20.4	30.6#	
249	30.7	23.8	35.6	

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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: 3.044 ng

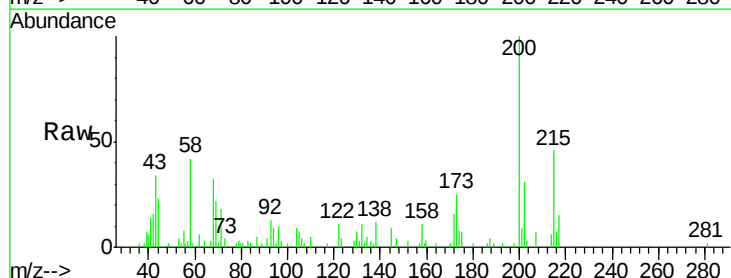
RT: 17.17 min Scan# 2361

Delta R.T. -0.01 min

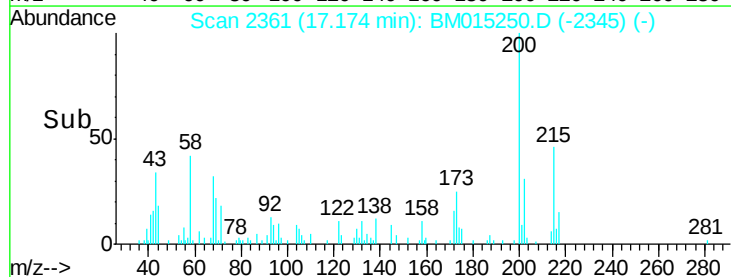
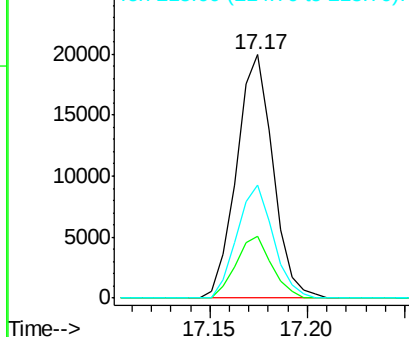
Lab File: BM015250.D

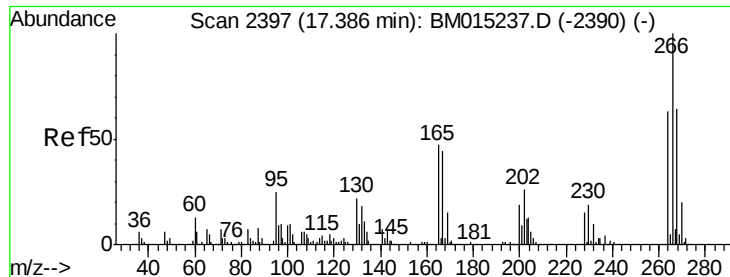
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	25759		
173	25.2	4.8	44.8	
215	46.3	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





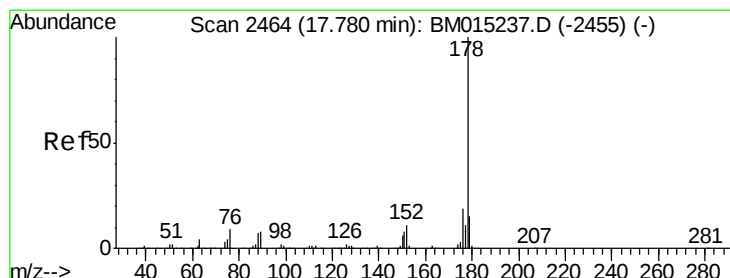
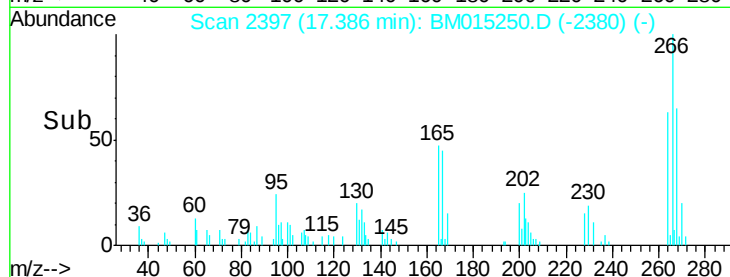
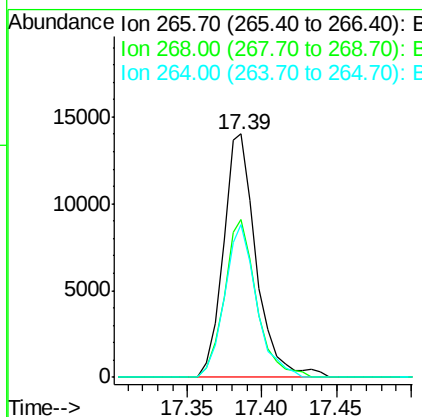
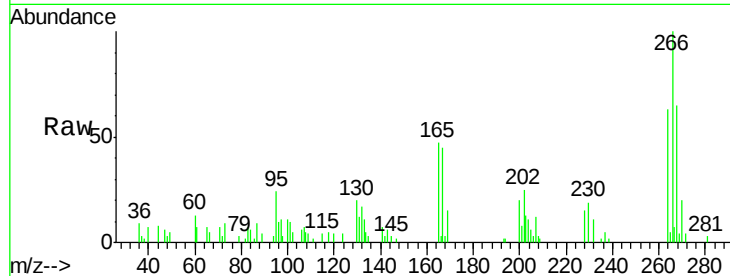
#69
 Pentachlorophenol
 Concen: 3.628 ng
 RT: 17.39 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	21575		
268	64.6	52.0	78.0	
264	62.8	49.0	73.4	

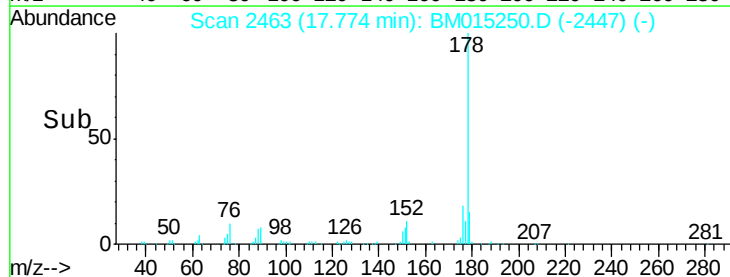
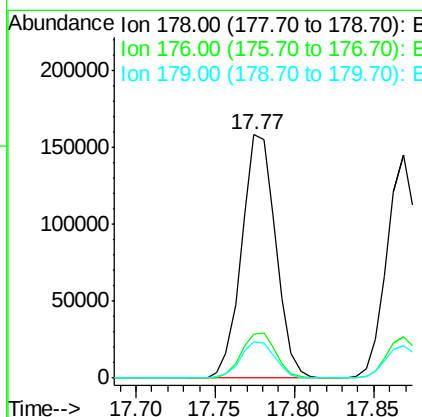
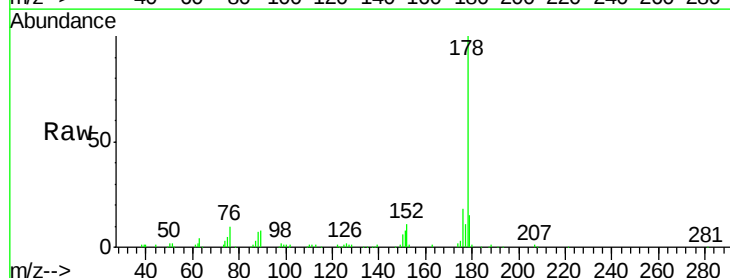
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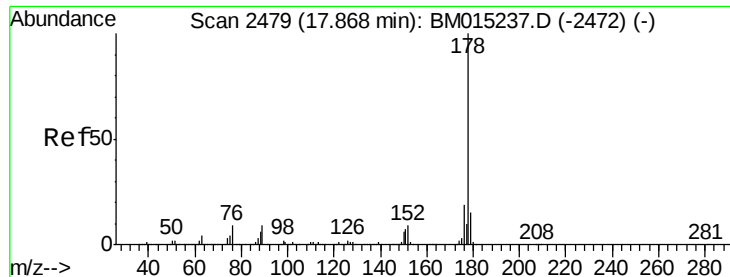
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#70
 Phenanthrene
 Concen: 4.988 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	235889		
176	18.0	15.2	22.8	
179	15.1	12.1	18.1	





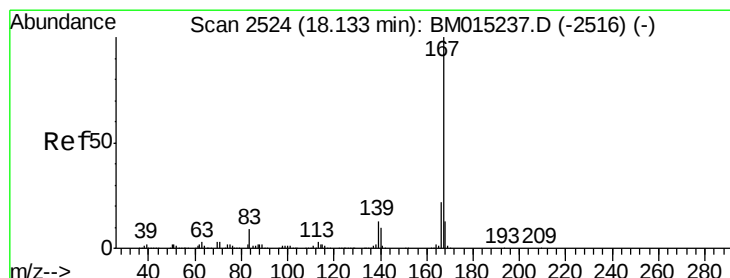
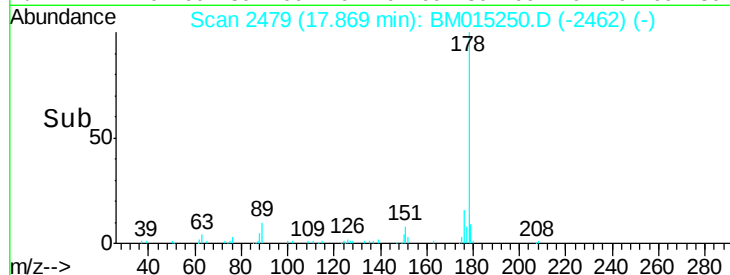
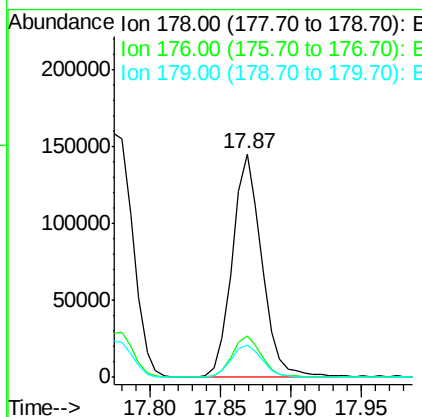
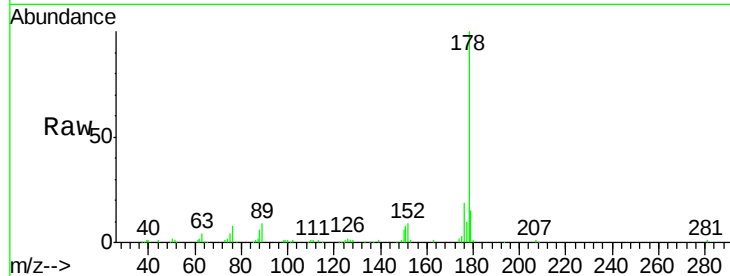
#71
 Anthracene
 Concen: 4.448 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	209710		
176	18.7		14.6	22.0
179	14.6		12.6	19.0

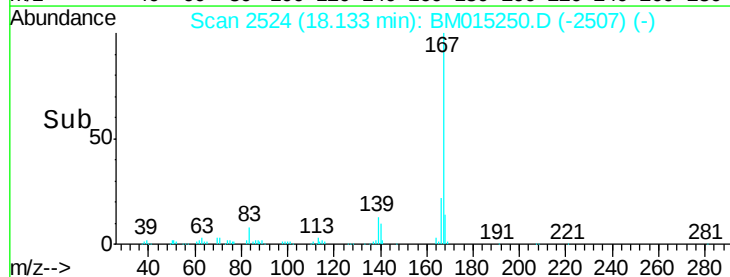
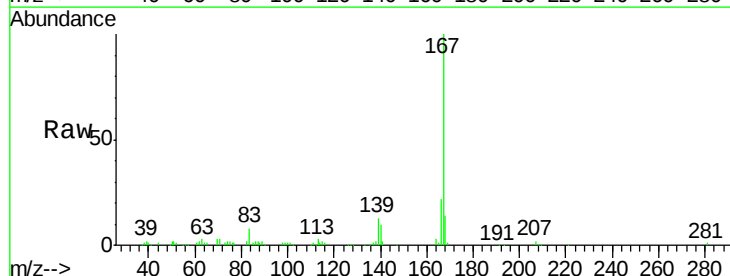
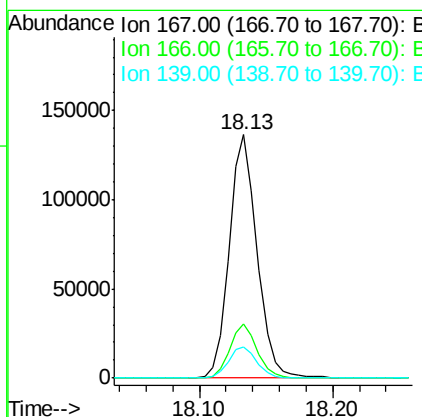
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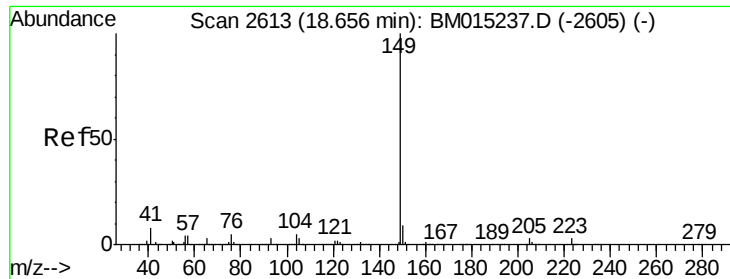
Sohil
 5/23/2018 10:11:24 AM



#72
 Carbazole
 Concen: 4.749 ng
 RT: 18.13 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	198220		
166	22.2		17.2	25.8
139	12.9		10.8	16.2





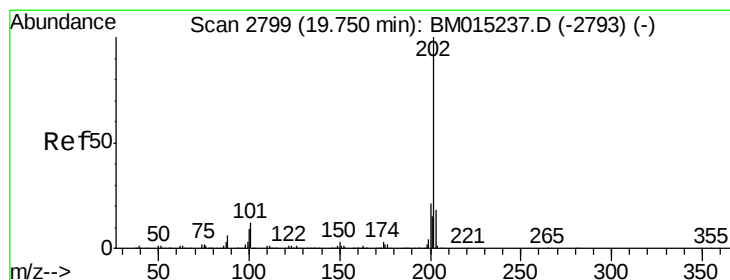
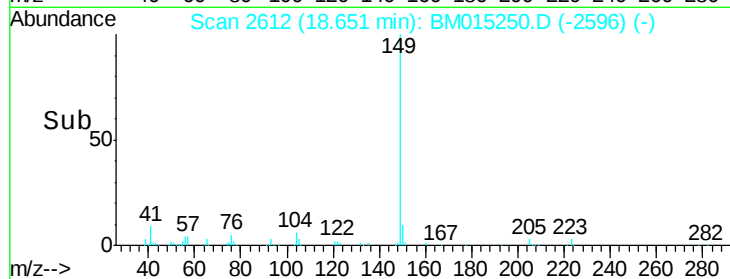
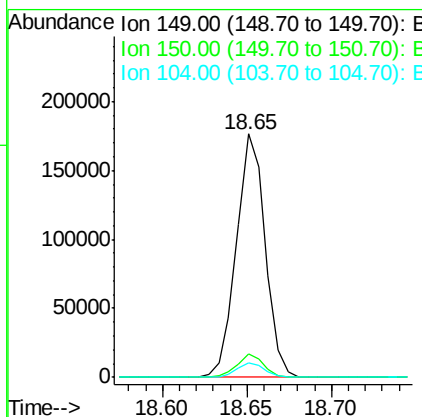
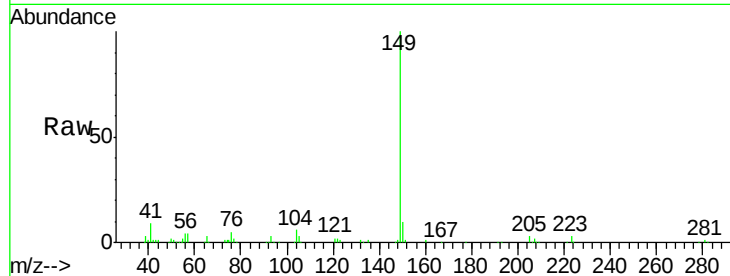
#73
Di-n-butylphthalate
Concen: 4.260 ng
RT: 18.65 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.5	7.5	11.3
104	5.8	3.7	5.5

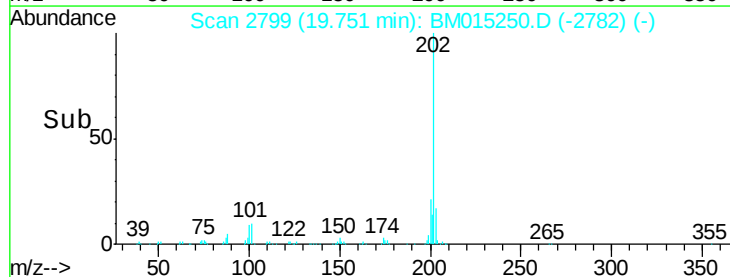
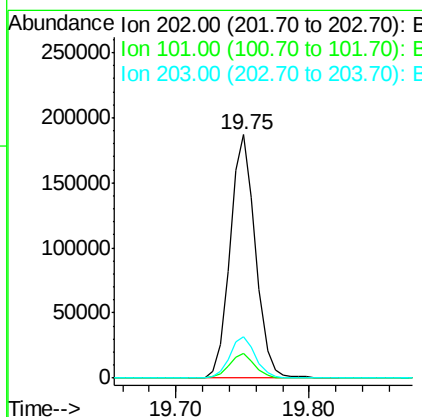
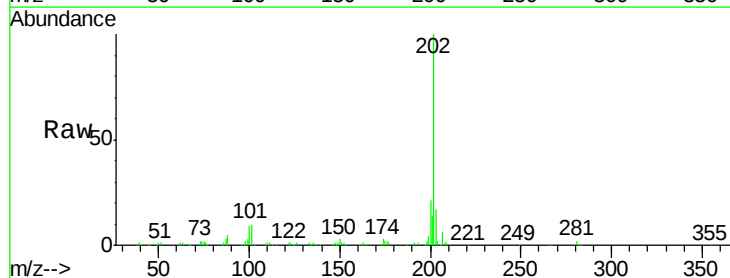
Manual Integrations
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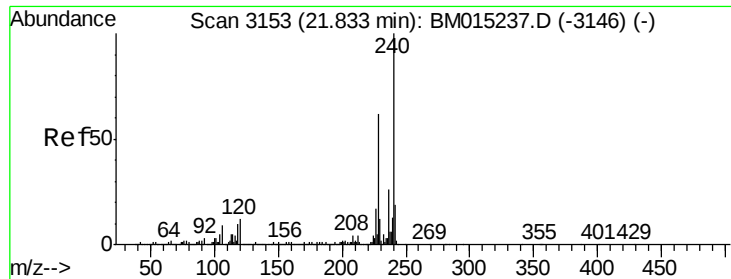
Sohil
5/23/2018 10:11:24 AM



#74
Fluoranthene
Concen: 4.771 ng
RT: 19.75 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	0.0	28.7
203	16.8	0.0	37.2





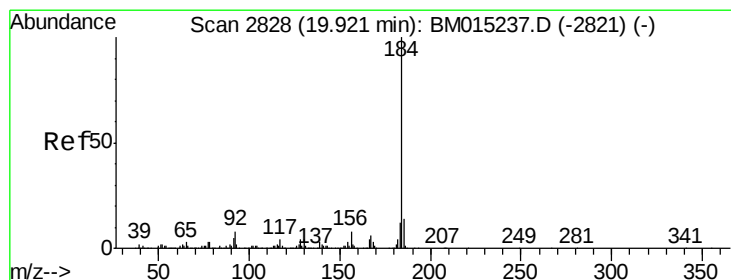
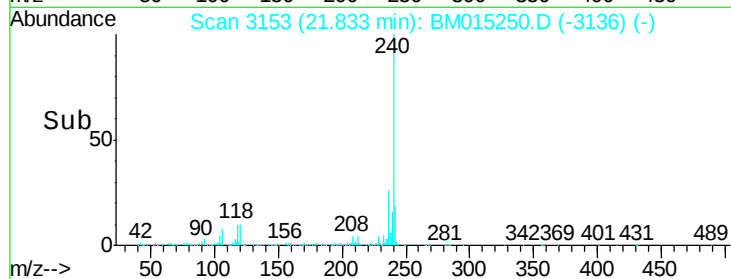
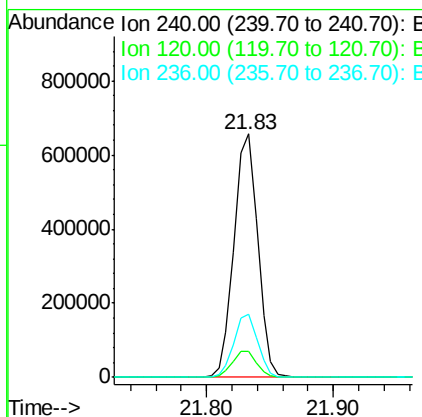
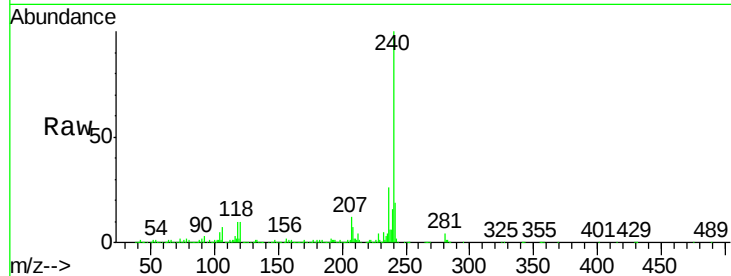
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	848661		
120	10.4	8.2	12.2	
236	26.1	20.0	30.0	

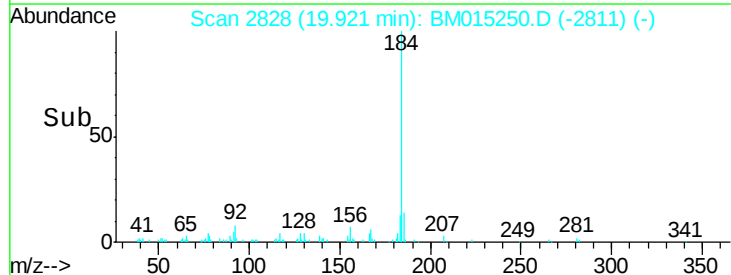
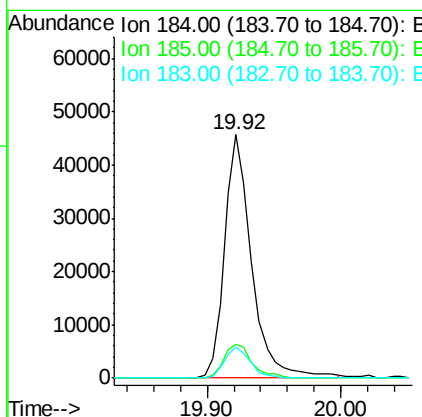
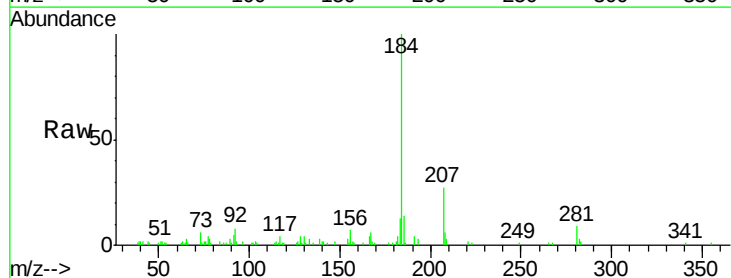
Manual Integrations
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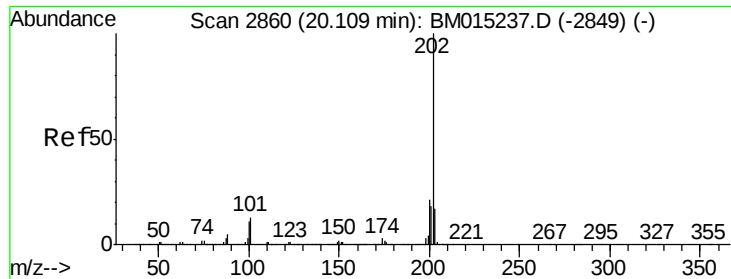
Sohil
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#76
Benzidine
Concen: 2.456 ng
RT: 19.92 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	65258		
185	13.7	11.3	16.9	
183	12.7	8.9	13.3	





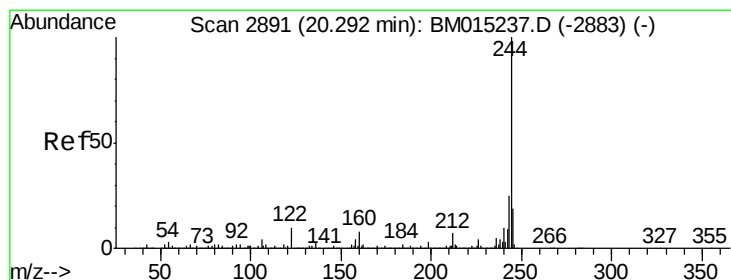
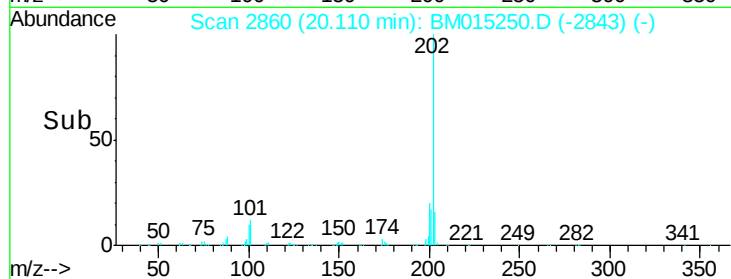
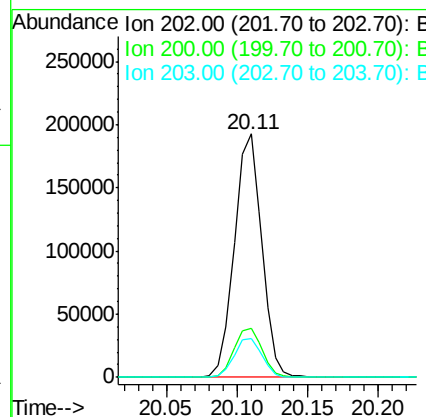
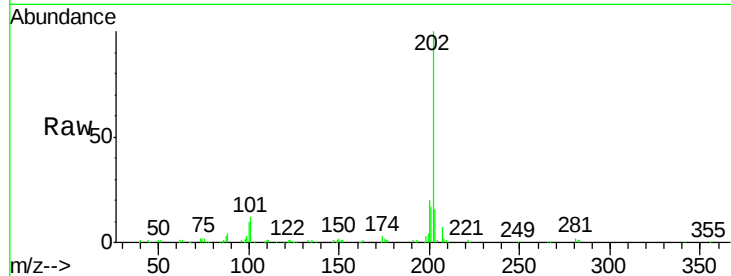
#77
 Pyrene
 Concen: 4.860 ng
 RT: 20.11 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	16.9	25.3
203	15.8	14.1	21.1

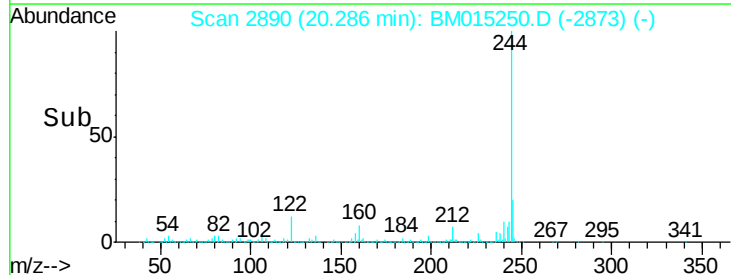
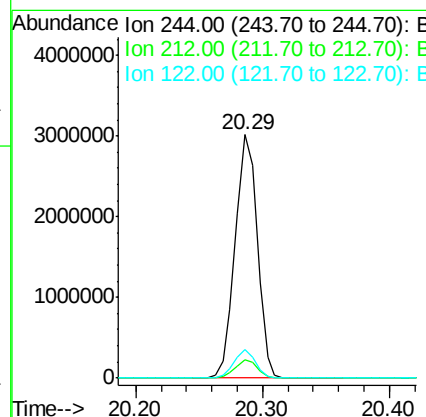
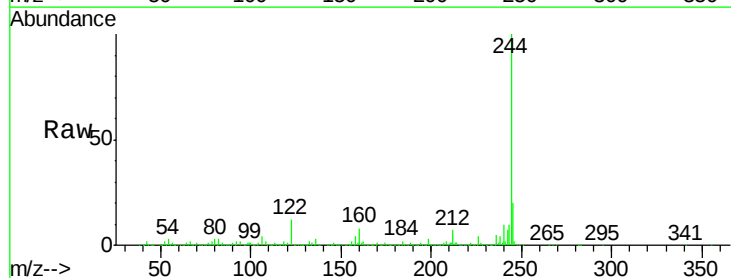
Manual Integrations
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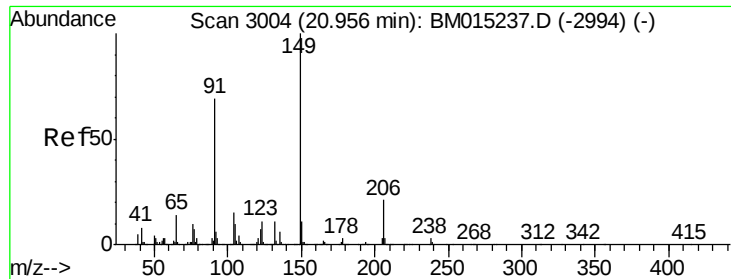
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#78
 Terphenyl-d14
 Concen: 94.486 ng
 RT: 20.29 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	4.9	7.3#
122	11.6	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 3.940 ng

RT: 20.95 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Instrument :

BNA_M

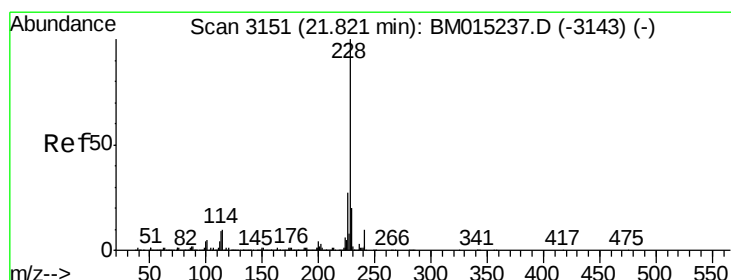
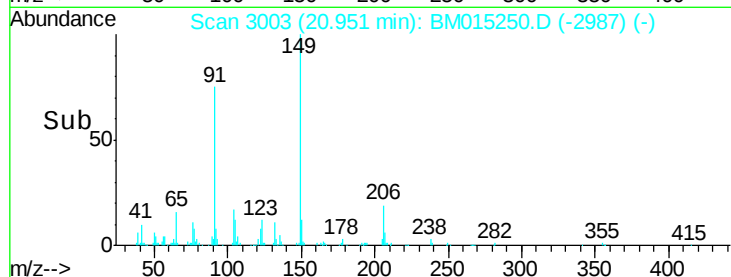
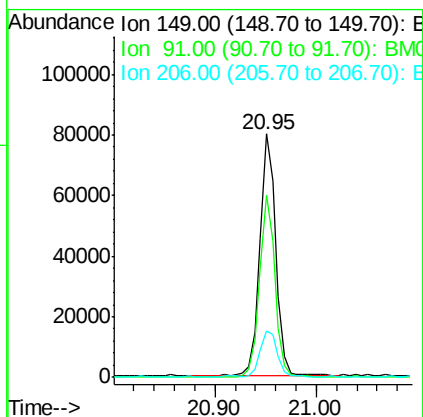
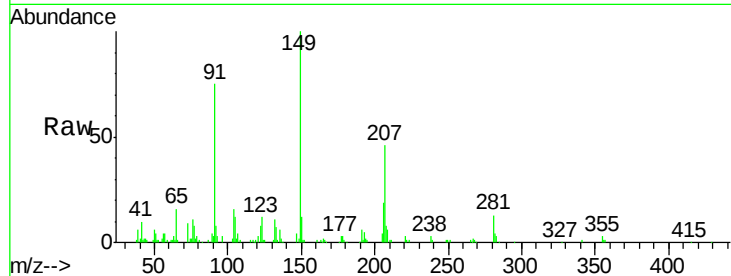
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tgt Ion:	149	Resp:	86158
Ion Ratio	Lower	Upper	
149	100		
91	74.7	50.1	75.1
206	19.0	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 4.829 ng

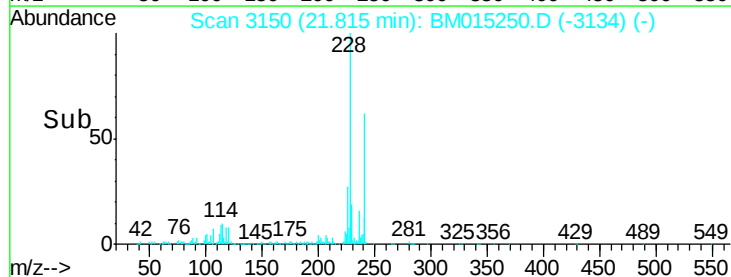
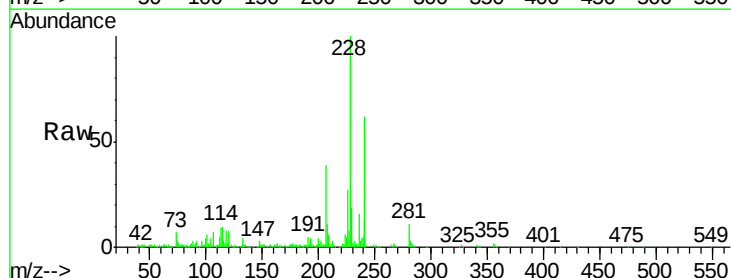
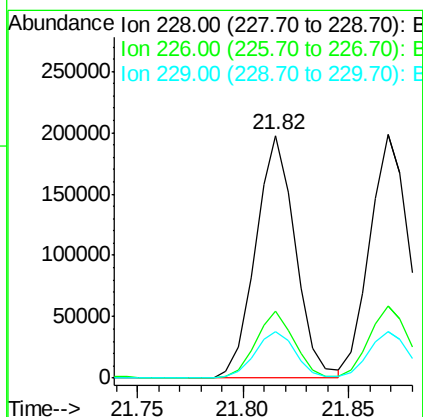
RT: 21.82 min Scan# 3150

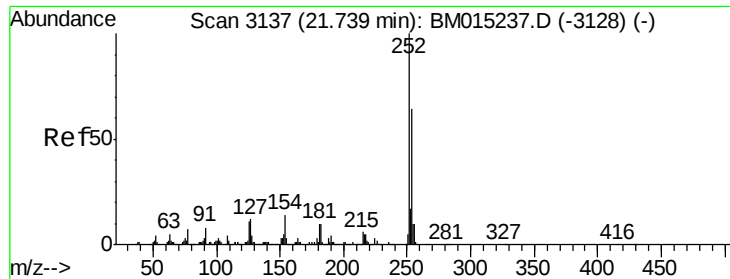
Delta R.T. -0.01 min

Lab File: BM015250.D

Acq: 22 May 2018 21:12

Tgt Ion:	228	Resp:	258267
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.7	32.5
229	19.4	16.0	24.0





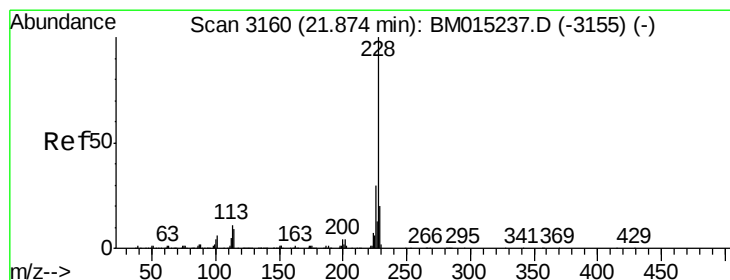
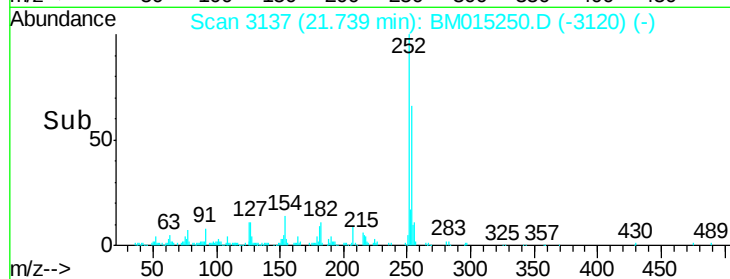
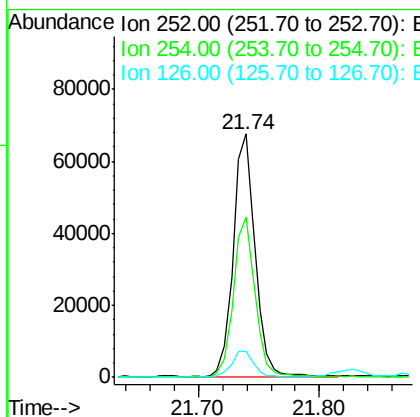
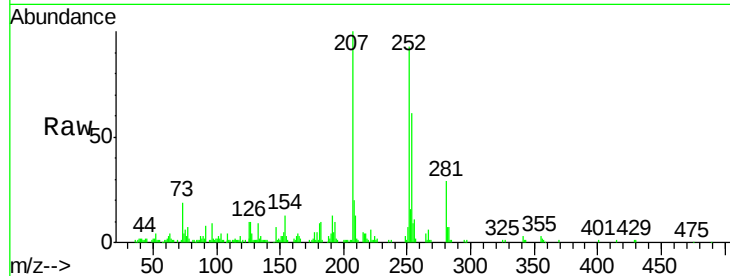
#81
 3,3'-Dichlorobenzidine
 Concen: 4.377 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	10.7	9.8	14.8

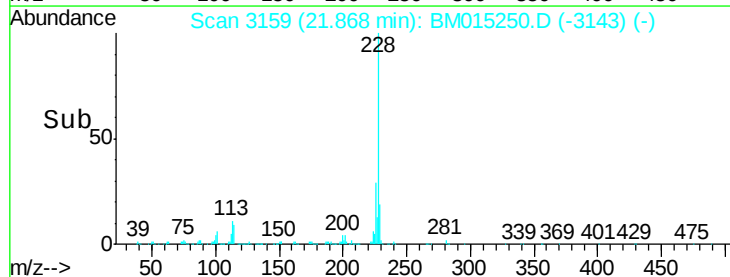
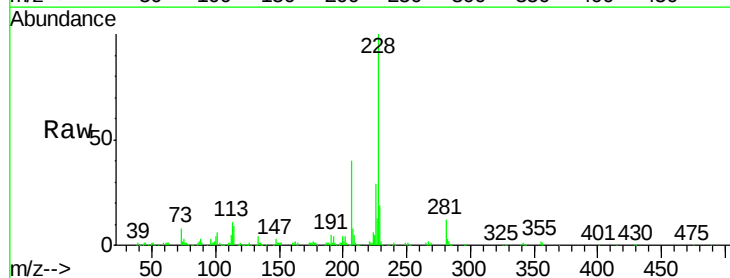
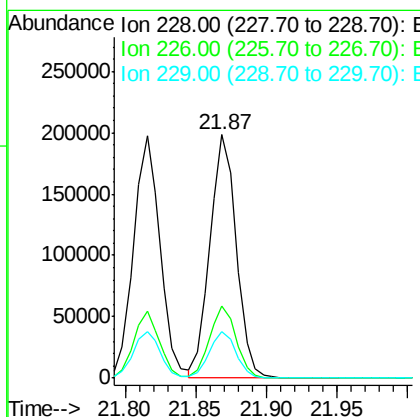
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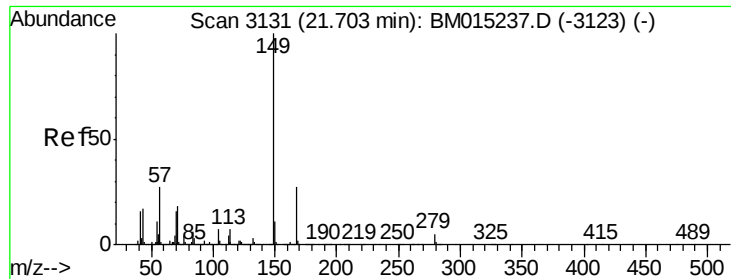
Sohil
 5/23/2018 10:11:24 AM



#82
 Chrysene
 Concen: 5.128 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	18.9	15.5	23.3





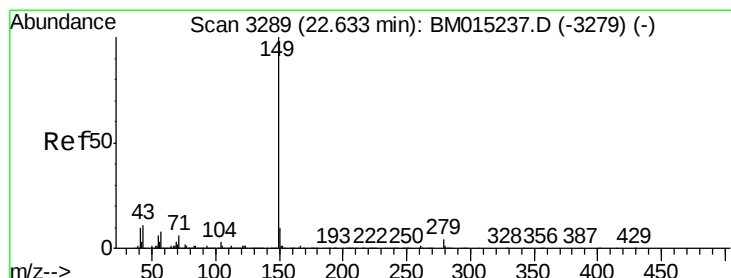
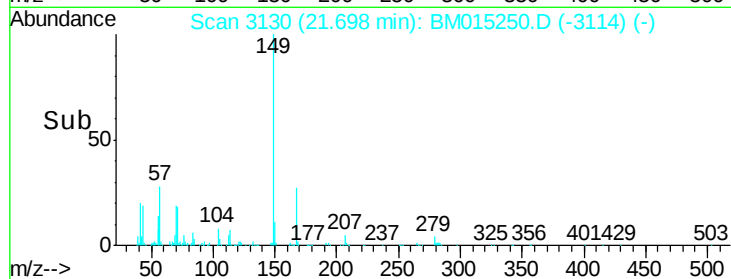
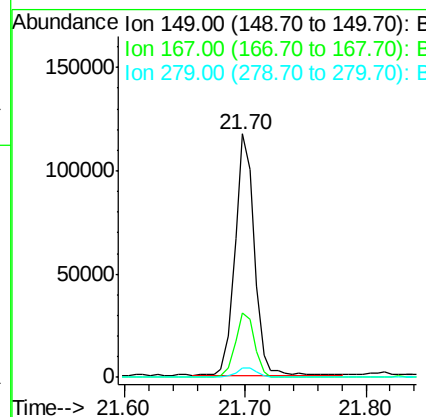
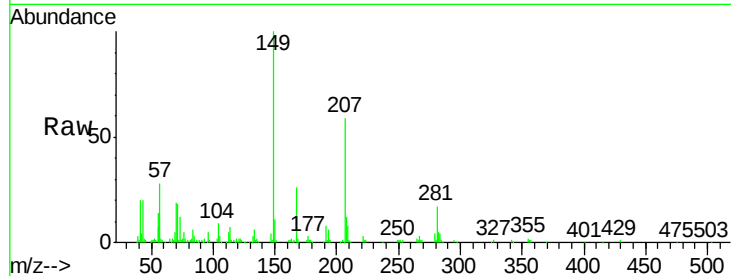
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.096 ng
 RT: 21.70 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	130297		
167	26.4	22.4	33.6	
279	4.1	3.4	5.0	

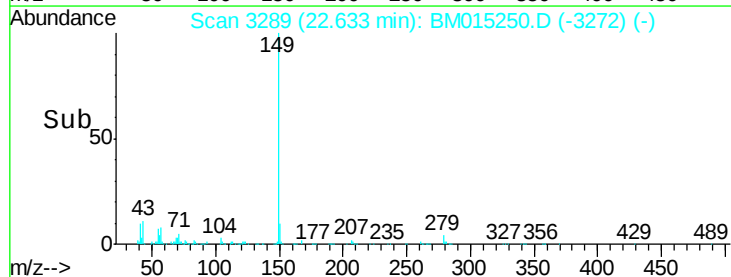
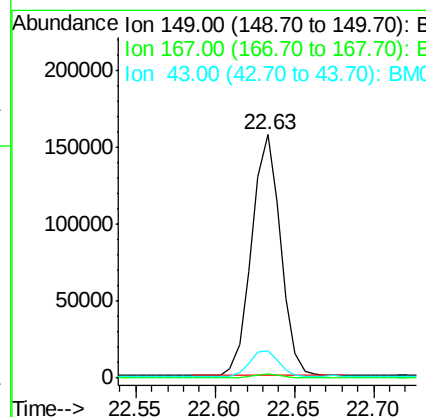
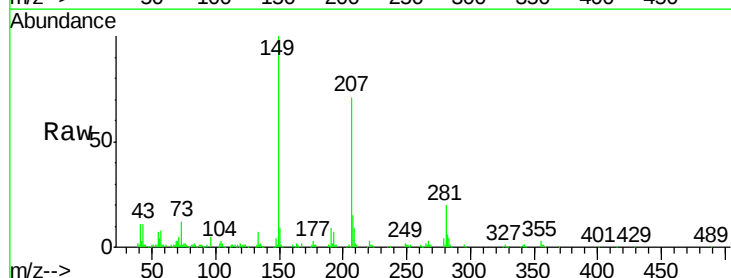
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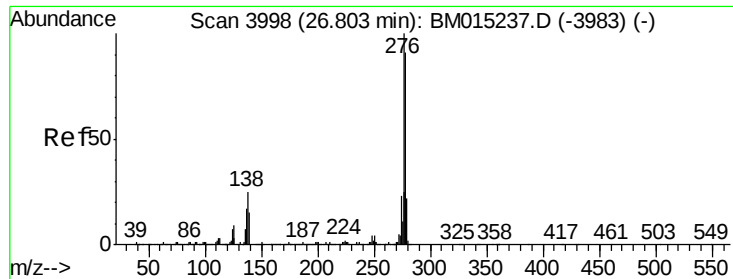
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#84
 Di-n-octyl phthalate
 Concen: 3.559 ng
 RT: 22.63 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BM015250.D
 Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	198019		
167	1.8	1.2	1.8	
43	11.5	7.3	10.9	





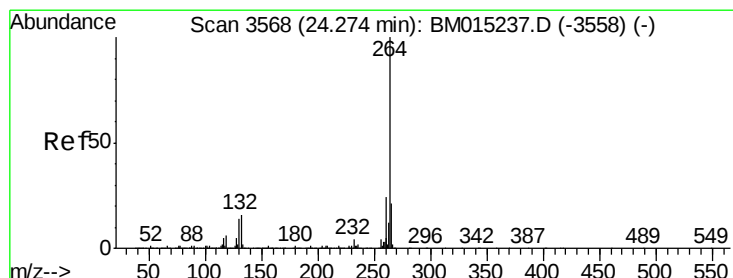
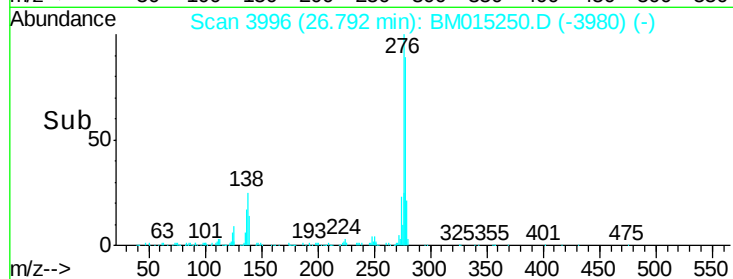
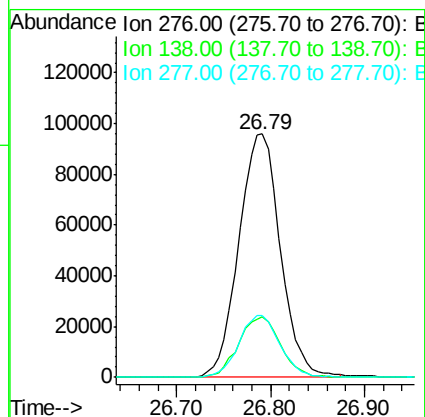
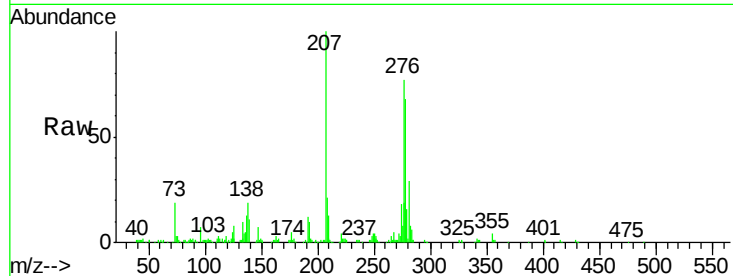
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.816 ng
RT: 26.79 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	12.0	18.0#
277	25.3	20.0	30.0

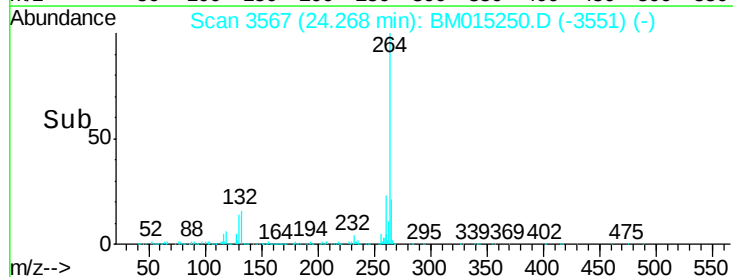
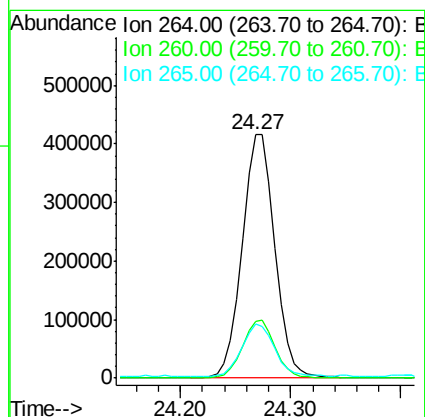
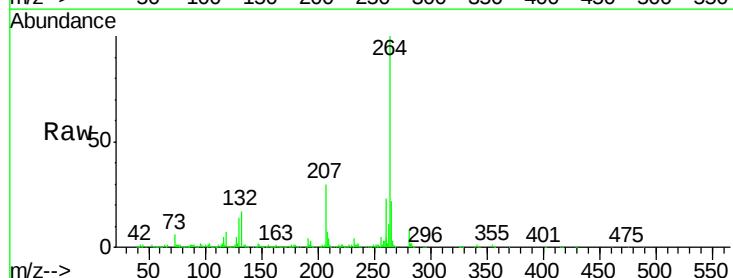
Manual Integrations
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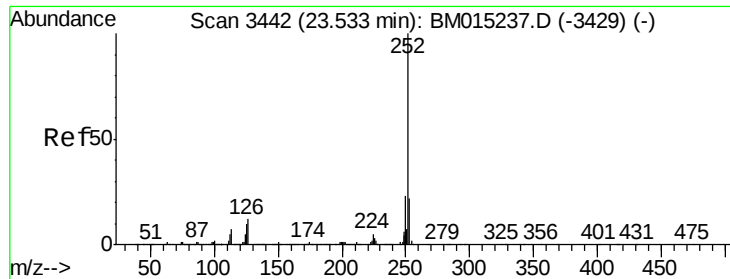
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.4	17.3	25.9





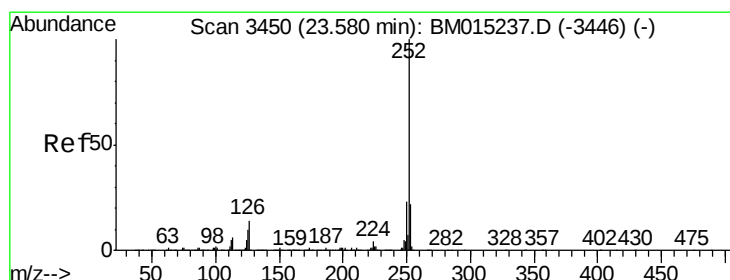
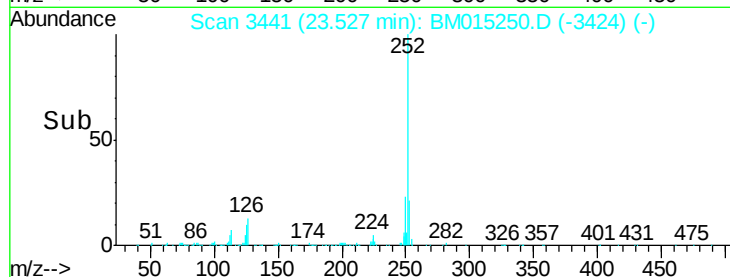
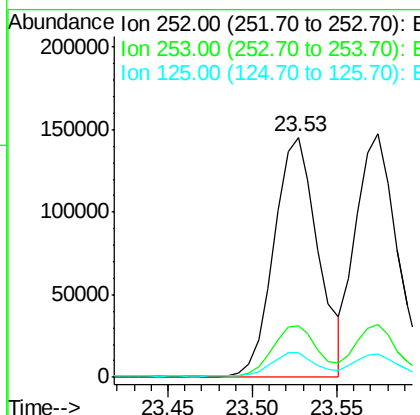
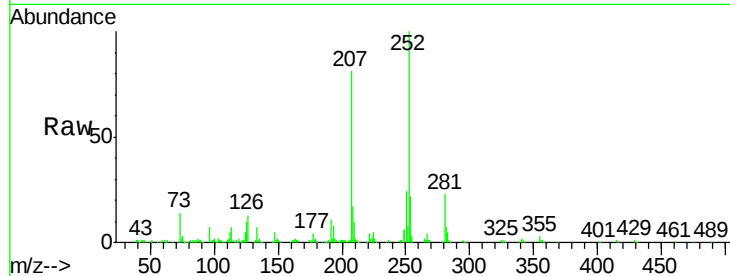
#87
Benzo(b)fluoranthene
Concen: 4.800 ng
RT: 23.53 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	263063		
253	21.7	18.0	27.0	
125	10.2	9.9	14.9	

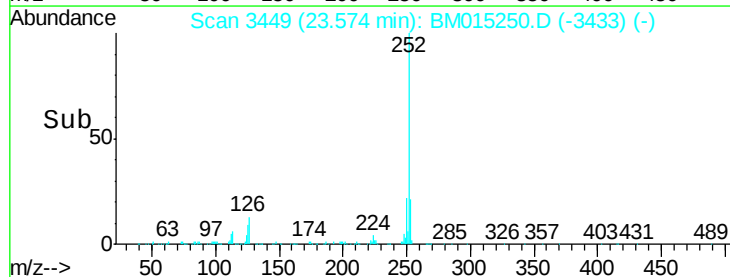
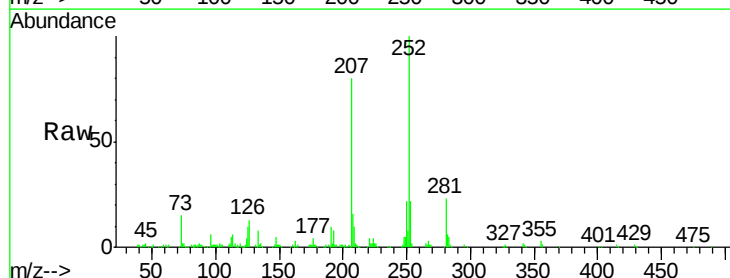
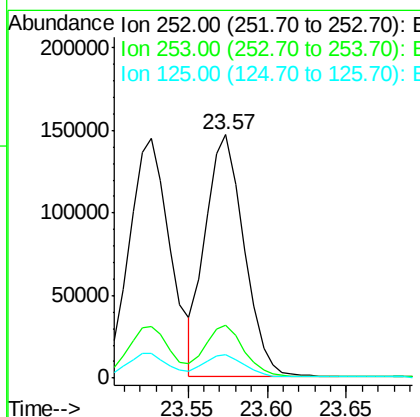
Manual Integrations
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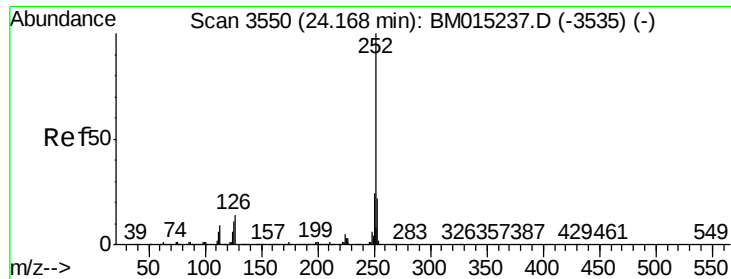
Sohil
5/23/2018 10:11:24 AM



#88
Benzo(k)fluoranthene
Concen: 4.793 ng
RT: 23.57 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	248489		
253	21.9	17.2	25.8	
125	9.7	8.1	12.1	





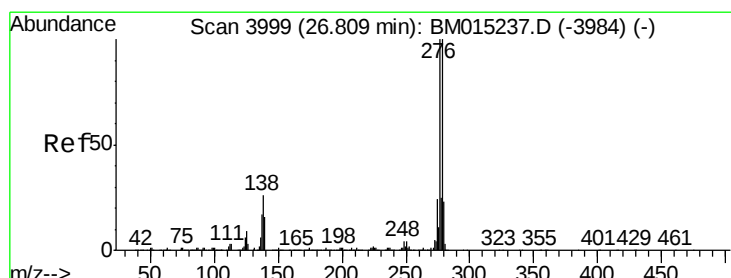
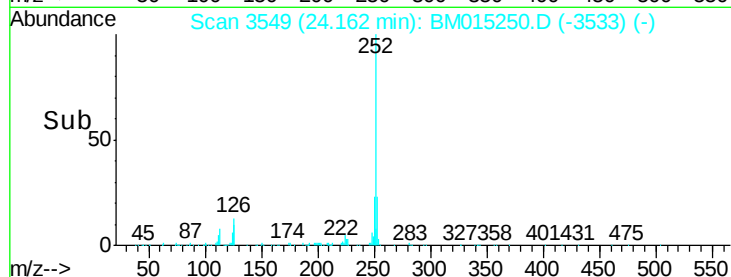
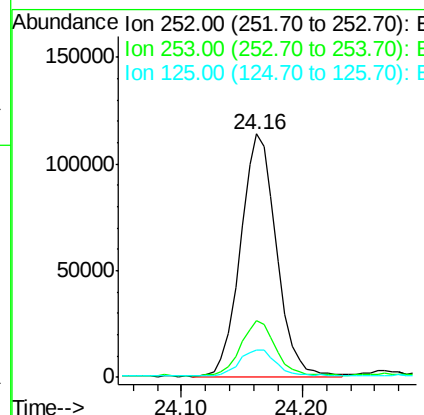
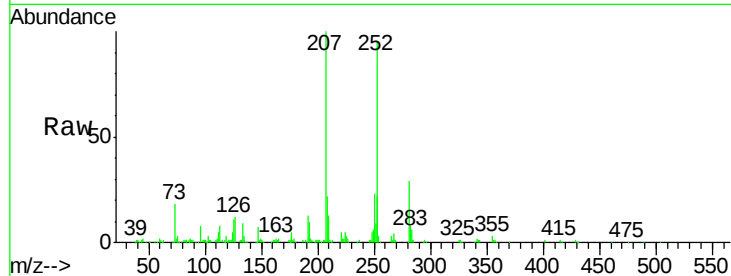
#89
Benzo(a)pyrene
Concen: 4.592 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.6	26.4
125	11.2	7.4	11.2#

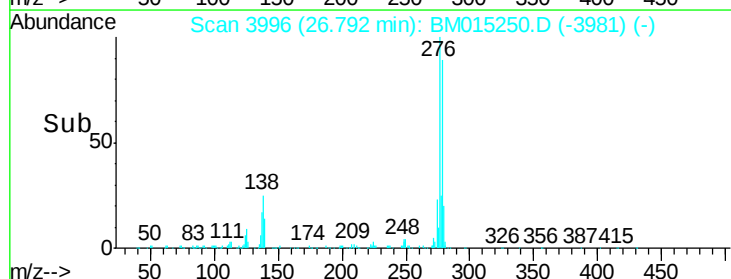
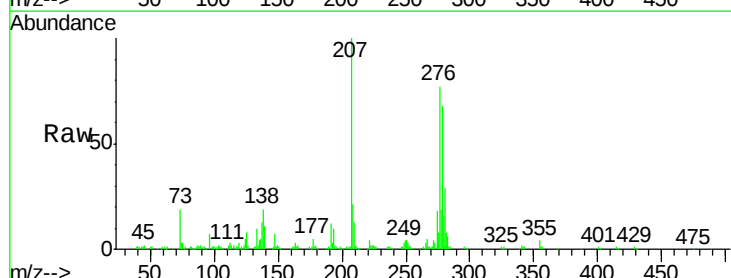
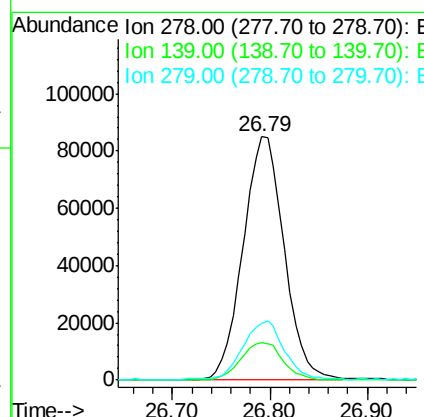
Manual Integrations
APPROVED

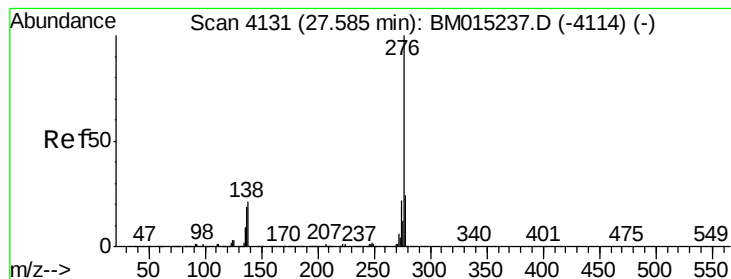
Sohil
5/23/2018 10:11:24 AM



#90
Dibenzo(a,h)anthracene
Concen: 4.811 ng
RT: 26.79 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BM015250.D
Acq: 22 May 2018 21:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.5	13.4	20.0
279	23.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 4.808 ng

RT: 27.57 min Scan# 4128

Delta R.T. -0.01 min

Lab File: BM015250.D

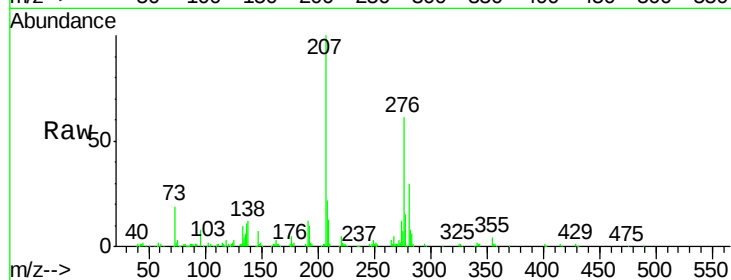
Acq: 22 May 2018 21:12

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2018



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.5	18.5	27.7		
138	20.2	19.0	28.6		

Manual Integrations
APPROVED

Sohil
5/23/2018 10:11:24 AM

