

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020096.D
 Acq On : 01 May 2019 18:40
 Operator : JU/SJ
 Sample : IDOCSOIL-HP2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:55:27 PM

Quant Time: May 02 02:27:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	104442	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	388832	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	225897	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	516315	20.00	ng	0.00
76) Chrysene-d12	21.36	240	516908	20.00	ng	0.00
87) Perylene-d12	23.64	264	507285	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	866351	135.59	ng	0.00
7) Phenol-d6	6.95	99	1158794	132.75	ng	0.00
23) Nitrobenzene-d5	8.95	82	741342	75.27	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	467603	133.36	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1419202	77.30	ng	0.00
79) Terphenyl-d14	19.80	244	2293905	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	113691	36.280	ng	100
3) Pyridine	3.70	79	305857	38.163	ng	96
4) n-Nitrosodimethylamine	3.62	42	98410	38.292	ng	92
6) Aniline	7.12	93	321413	29.251	ng	98
8) 2-Chlorophenol	7.35	128	261853	37.638	ng	96
9) Benzaldehyde	6.94	77	212599	32.179	ng	97
10) Phenol	6.97	94	363655	38.699	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	258249	37.811	ng	97
12) 1,3-Dichlorobenzene	7.67	146	302027	37.312	ng	98
13) 1,4-Dichlorobenzene	7.83	146	310955	38.027	ng	96
14) 1,2-Dichlorobenzene	8.14	146	291790	37.454	ng	98
15) Benzyl Alcohol	8.03	79	306689	36.437	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	208037	36.734	ng	98
17) 2-Methylphenol	8.22	107	236516	39.099	ng	97
18) Hexachloroethane	8.86	117	126024	36.962	ng	100
19) n-Nitroso-di-n-propylamine	8.60	70	264035	35.355	ng	98
20) 3+4-Methylphenols	8.55	107	305042	37.942	ng	97
22) Acetophenone	8.62	105	431212	40.578	ng	# 97
24) Nitrobenzene	9.00	77	394021	38.586	ng	98
25) Isophorone	9.52	82	641991	37.800	ng	99
26) 2-Nitrophenol	9.70	139	126077	40.896	ng	95
27) 2,4-Dimethylphenol	9.75	122	234394	45.668	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	353020	38.164	ng	99
29) 2,4-Dichlorophenol	10.23	162	261107	40.344	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	317647	39.888	ng	98
31) Naphthalene	10.63	128	782519	38.781	ng	99
32) Benzoic acid	9.86	122	125924	36.344	ng	92
33) 4-Chloroaniline	10.75	127	171352	20.632	ng	99
34) Hexachlorobutadiene	10.90	225	218276	38.747	ng	99
35) Caprolactam	11.53	113	70481m	36.421	ng	
36) 4-Chloro-3-methylphenol	11.86	107	281276	36.983	ng	99
37) 2-Methylnaphthalene	12.25	142	578494	39.326	ng	99
38) 1-Methylnaphthalene	12.47	142	548865	38.156	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	371902	42.080	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	490065	94.174	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	218741	43.549	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	235550	41.978	ng	96
46) 1,1'-Biphenyl	13.26	154	751021	40.392	ng	100
47) 2-Chloronaphthalene	13.30	162	596506	40.181	ng	100
48) 2-Nitroaniline	13.52	65	204035	38.605	ng	96
49) Acenaphthylene	14.15	152	907471	38.196	ng	100
50) Dimethylphthalate	13.89	163	738816	38.481	ng	98
51) 2,6-Dinitrotoluene	14.02	165	155272	38.397	ng	100
52) Acenaphthene	14.50	154	529972	38.899	ng	98
53) 3-Nitroaniline	14.35	138	92049	24.526	ng	96
54) 2,4-Dinitrophenol	14.55	184	164880	81.252	ng	93
55) Dibenzofuran	14.83	168	901451	39.225	ng	99
56) 4-Nitrophenol	14.64	139	249974	78.063	ng	100
57) 2,4-Dinitrotoluene	14.80	165	211222	38.440	ng	99
58) Fluorene	15.48	166	713067	37.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	219030	41.076	ng	98
60) Diethylphthalate	15.26	149	719774	37.211	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	411340	38.465	ng	96
62) 4-Nitroaniline	15.51	138	141008	34.044	ng	96
63) Azobenzene	15.77	77	845207	37.039	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	99134	39.538	ng	98
66) n-Nitrosodiphenylamine	15.69	169	621401	40.901	ng	97
67) 4-Bromophenyl-phenylether	16.37	248	251206	39.676	ng	99
68) Hexachlorobenzene	16.47	284	292515	40.149	ng	97
69) Atrazine	16.64	200	230618	38.842	ng	97
70) Pentachlorophenol	16.82	266	351024	84.206	ng	97
71) Phenanthrene	17.22	178	1110624	38.968	ng	98
72) Anthracene	17.31	178	1129468	39.636	ng	99
73) Carbazole	17.58	167	967311	37.621	ng	99
74) Di-n-butylphthalate	18.14	149	1162347	37.564	ng	98
75) Fluoranthene	19.23	202	1339251	37.138	ng	100
77) Benzidine	19.43	184	447905	27.103	ng	99
78) Pyrene	19.60	202	1371966	39.533	ng	100
80) Butylbenzylphthalate	20.50	149	495392	39.253	ng	93
81) Benzo(a)anthracene	21.34	228	1364499	37.641	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	469081	33.904	ng	97
83) Chrysene	21.40	228	1345201	38.263	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	742416	37.910	ng	98
85) Di-n-octyl phthalate	22.16	149	1255252	38.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1805650	43.179	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1514808	45.220	ng	99
89) Benzo(k)fluoranthene	23.00	252	1413781	46.267	ng	98
90) Benzo(a)pyrene	23.54	252	1424559	46.818	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1547764	48.913	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1515212	50.436	ng	99

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

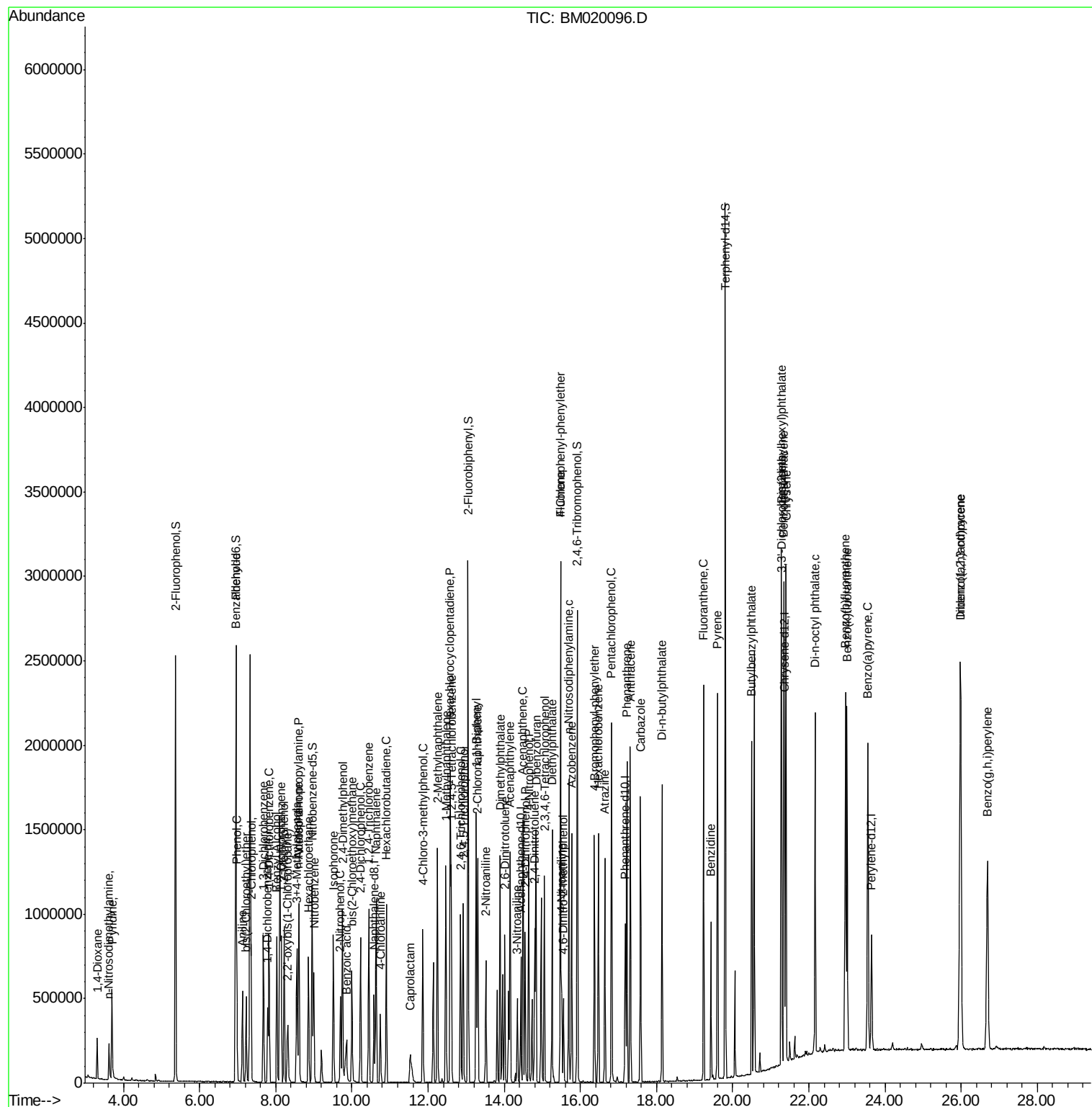
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
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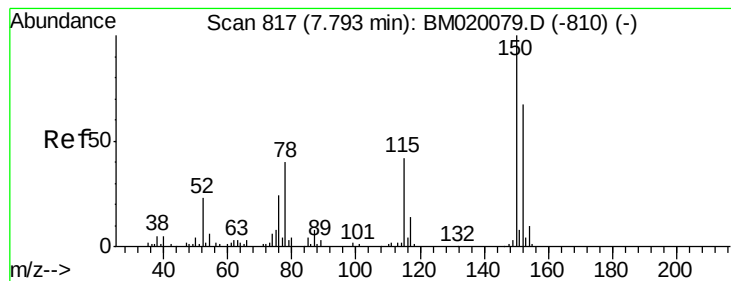
Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

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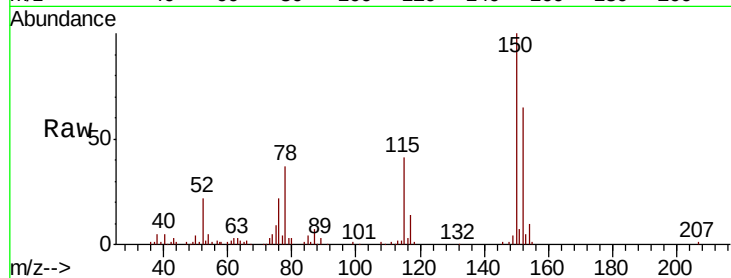
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.8	179.8
115	63.2	50.8	76.2

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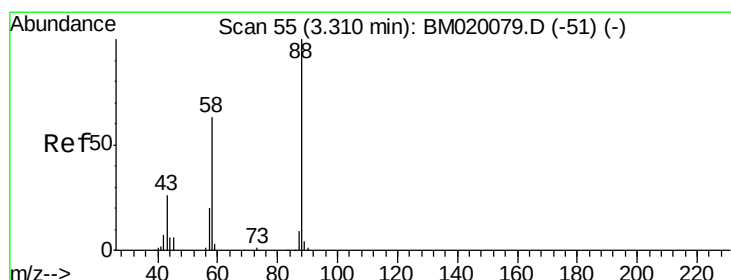
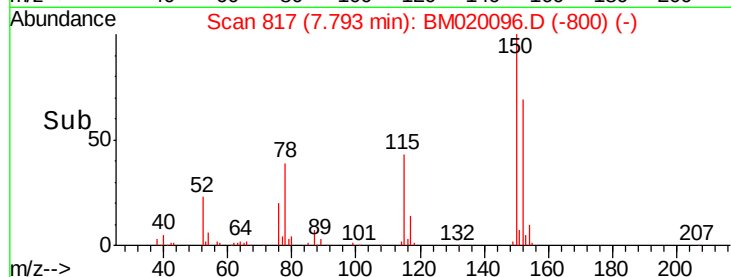
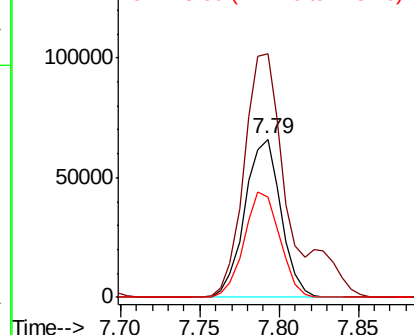


Abundance

Ion 152.00 (151.70 to 152.70): E

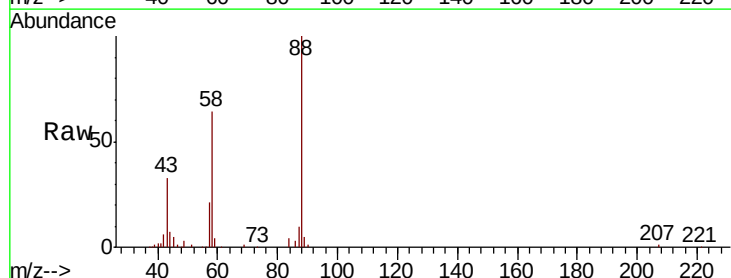
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 36.280 ng
 RT: 3.31 min Scan# 55
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	51.8	77.6
43	25.8	20.3	30.5

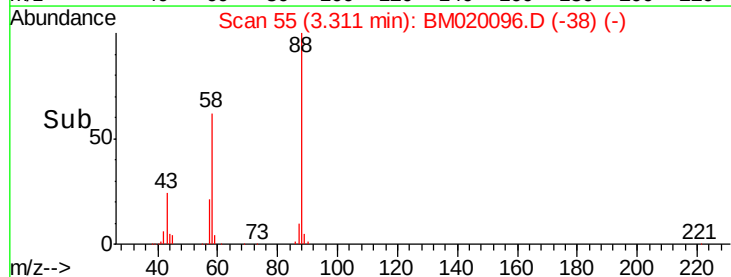
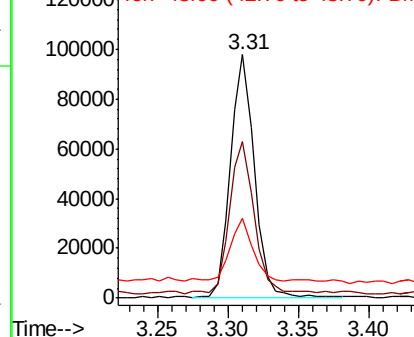


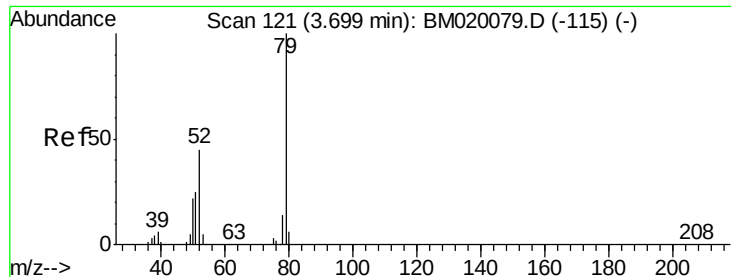
Abundance

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

Pvridine

Concen: 38.163 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

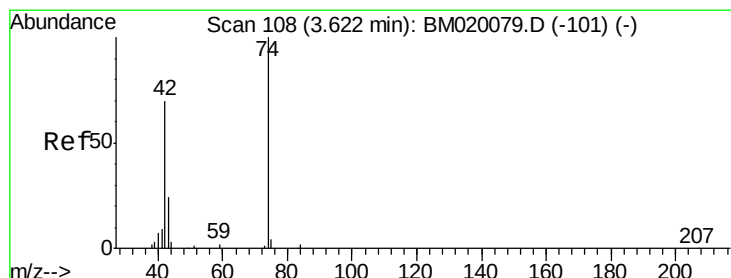
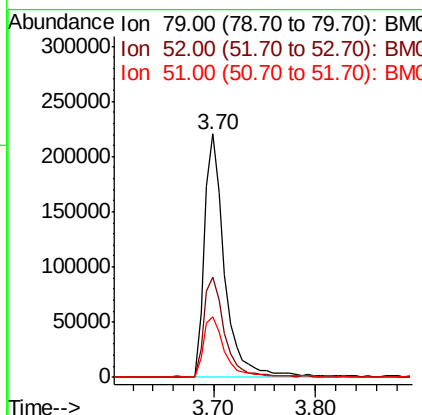
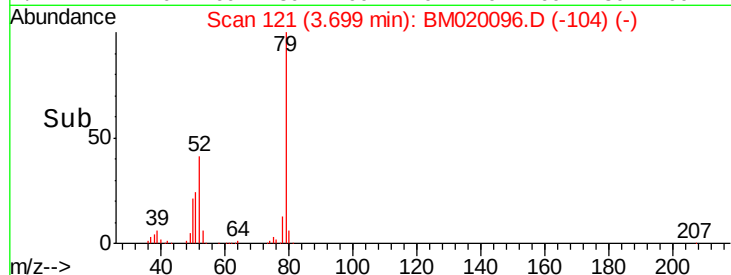
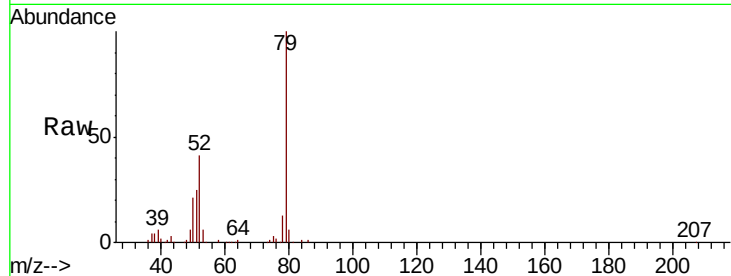
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	79	Resp:	305857
Ion Ratio	Lower	Upper	
79	100		
52	41.4	35.7	53.5
51	24.7	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 38.292 ng

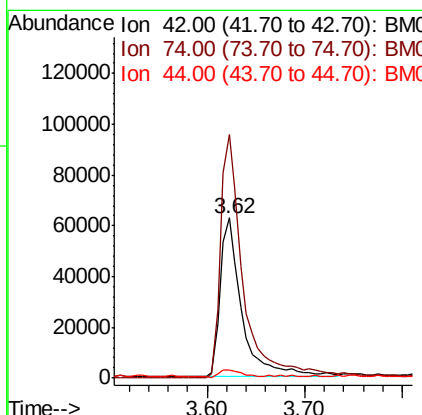
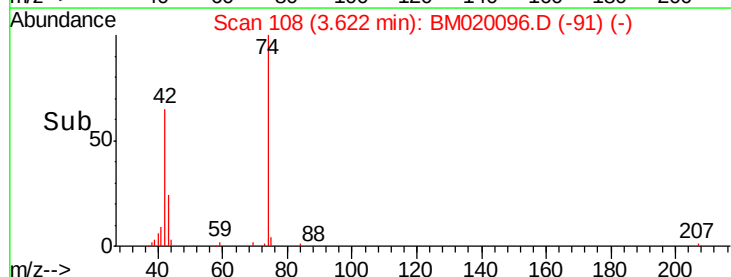
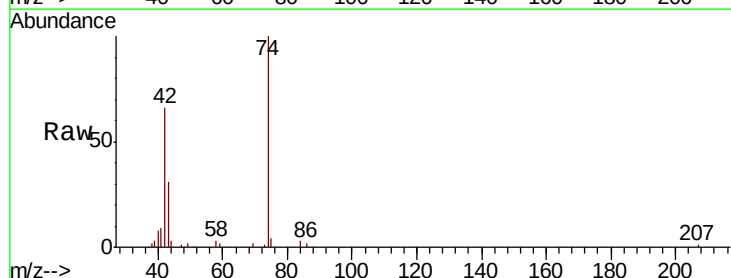
RT: 3.62 min Scan# 108

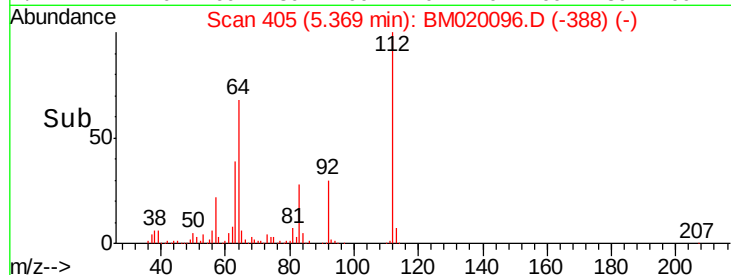
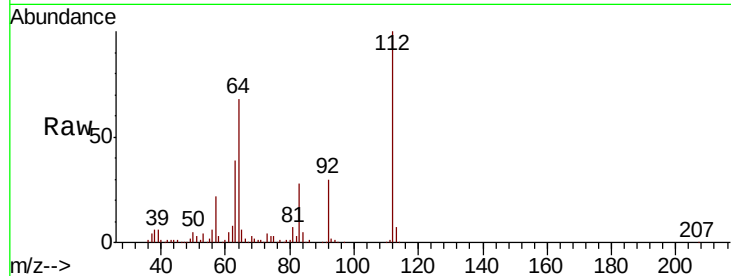
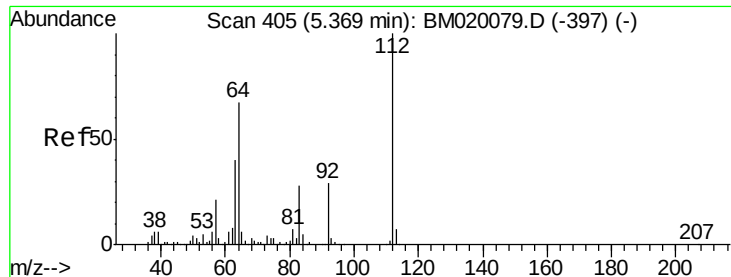
Delta R.T. 0.00 min

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Acq: 01 May 2019 18:40

Tgt Ion:	42	Resp:	98410
Ion Ratio	Lower	Upper	
42	100		
74	152.1	113.7	170.5
44	5.1	3.9	5.9





#5

2-Fluorophenol

Concen: 135.590 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		866351		
64	67.9	53.8	80.6		
63	39.0	32.3	48.5		

Instrument :

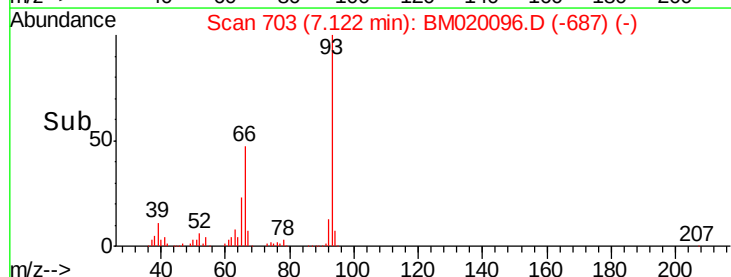
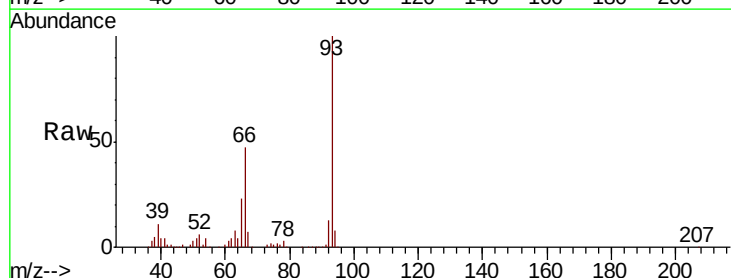
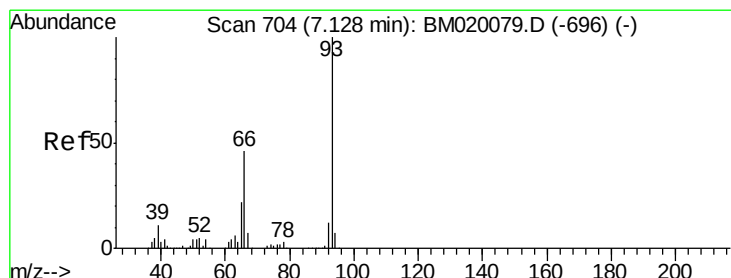
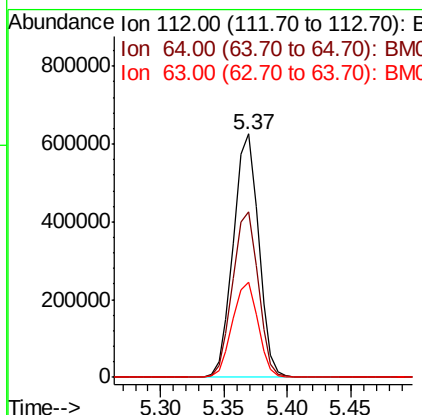
BNA_M

ClientSampleId :

IDOC SOIL-HP2

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#6

Aniline

Concen: 29.251 ng

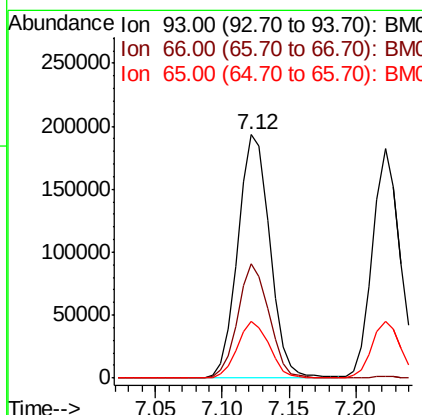
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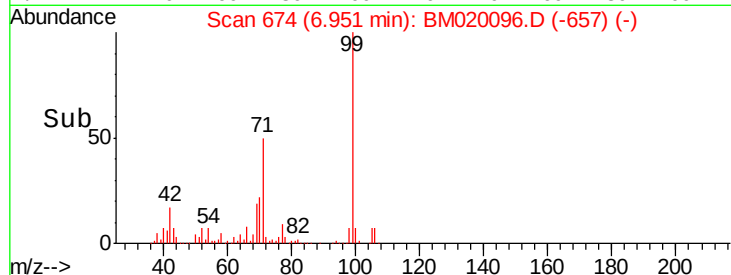
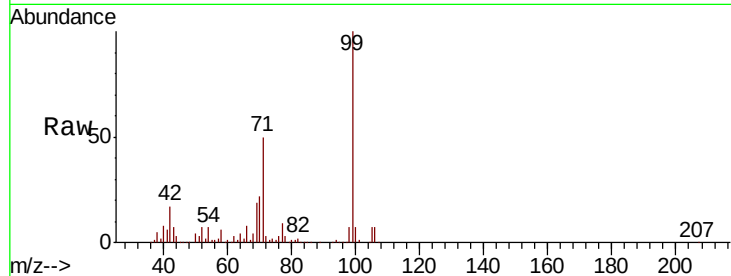
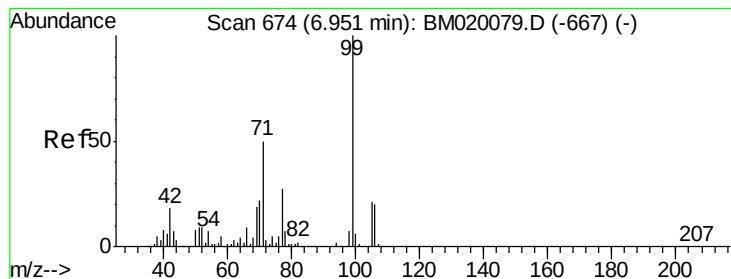
Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		321413		
66	47.1	36.6	54.8		
65	23.0	17.8	26.6		





#7

Phenol-d6

Concen: 132.753 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tot Ion:	99	Resp:	1158794
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.2	21.2
71	50.3	40.3	60.5

Instrument :

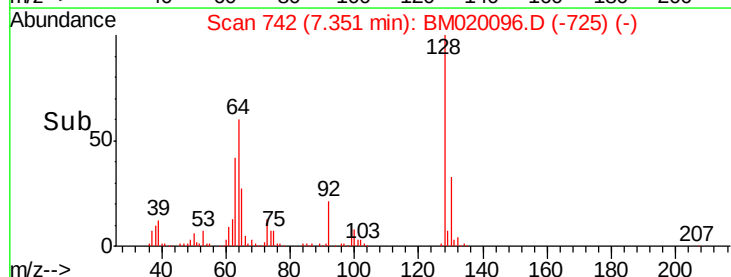
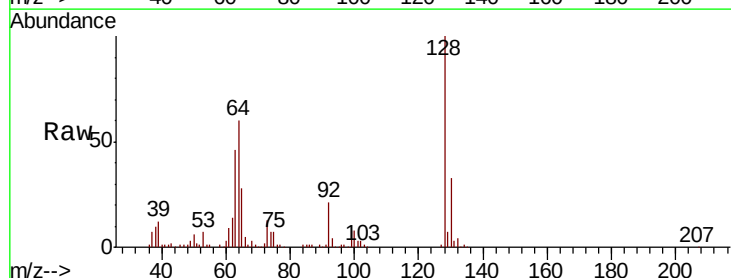
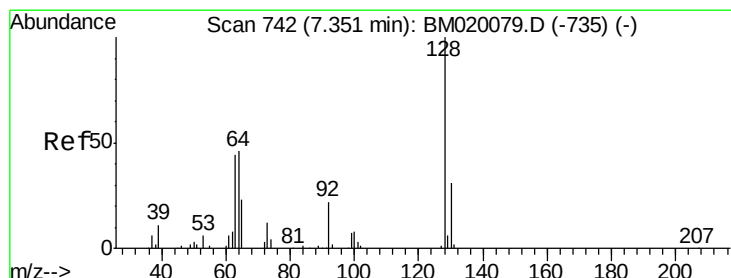
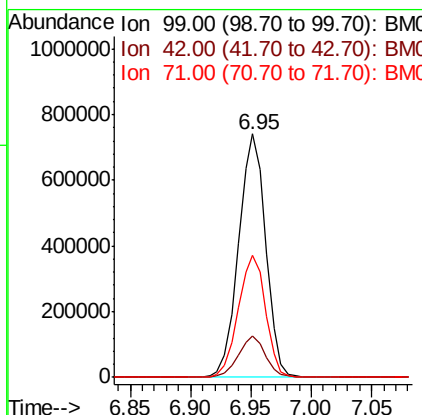
BNA_M

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IDOC SOIL-HP2

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#8

2-Chlorophenol

Concen: 37.638 ng

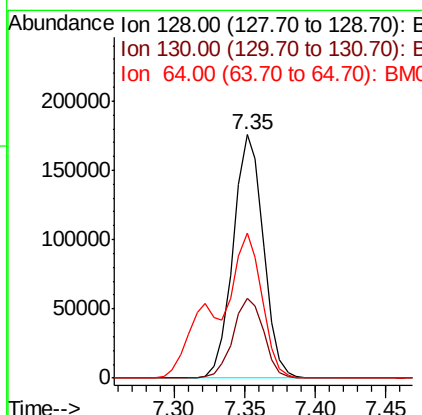
RT: 7.35 min Scan# 742

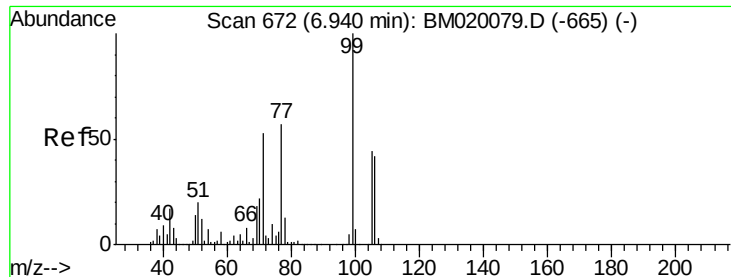
Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	128	Resp:	261853
Ion	Ratio	Lower	Upper
128	100		
130	33.0	10.8	50.8
64	59.5	36.5	76.5





#9

Benzaldehyde

Concen: 32.179 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

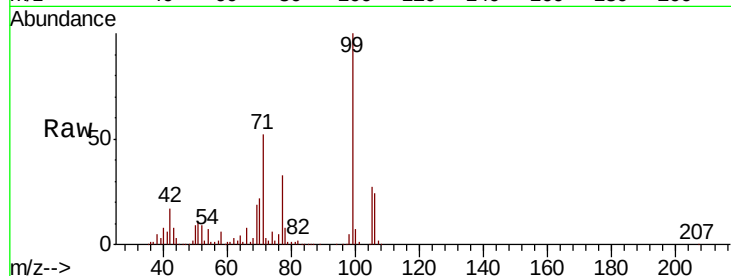
ClientSampleId :

IDOC SOIL-HP2

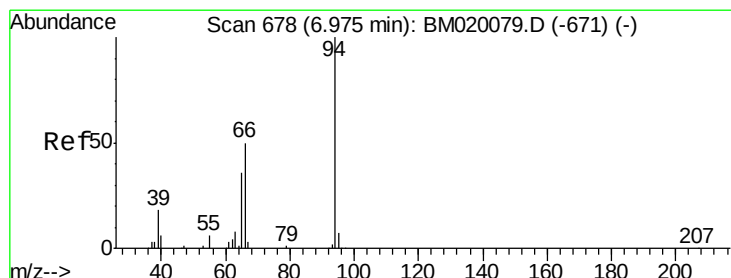
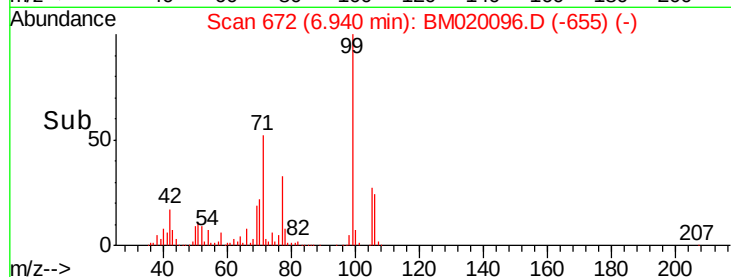
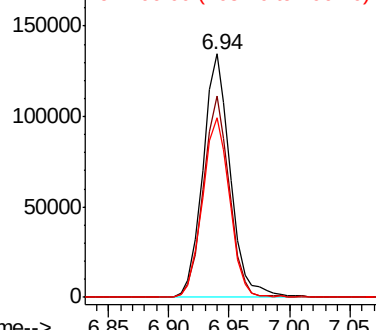
Tot Ion:	77	Resp:	212599
Ion Ratio	Lower	Upper	
77	100		
105	82.7	57.8	97.8
106	73.9	53.6	93.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 38.699 ng

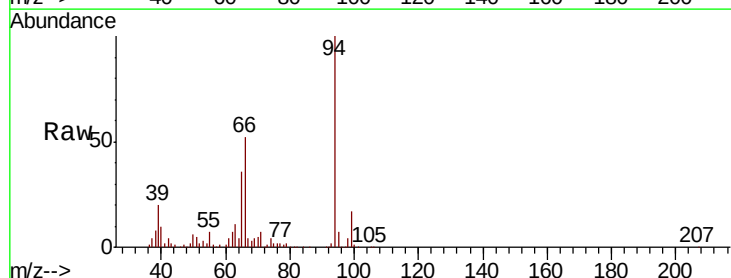
RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

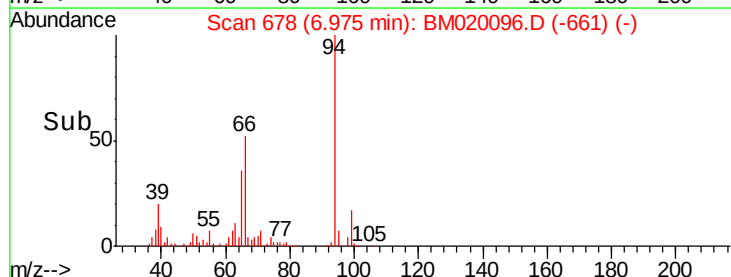
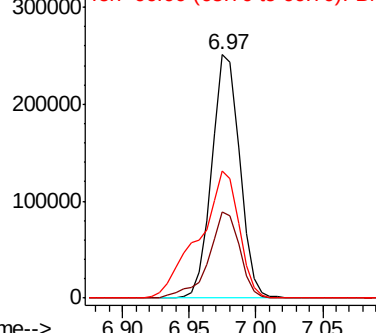
Lab File: BM020096.D

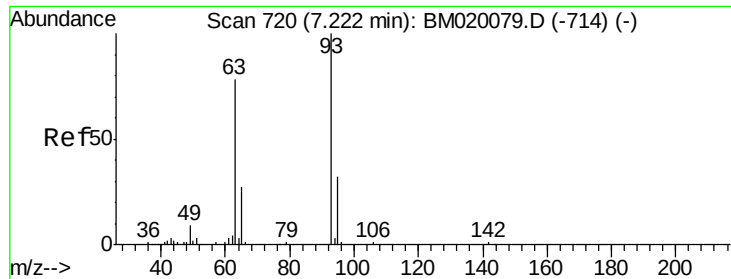
Acq: 01 May 2019 18:40

Tgt Ion:	94	Resp:	363655
Ion Ratio	Lower	Upper	
94	100		
65	35.5	17.0	57.0
66	52.3	34.5	74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)





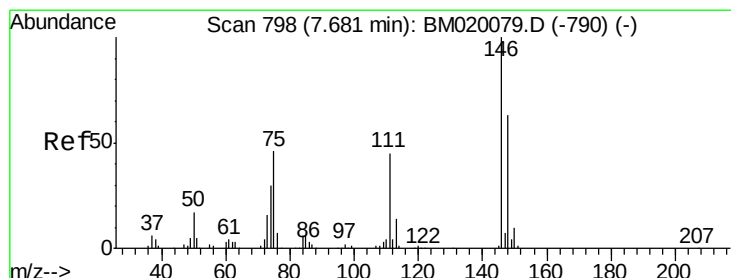
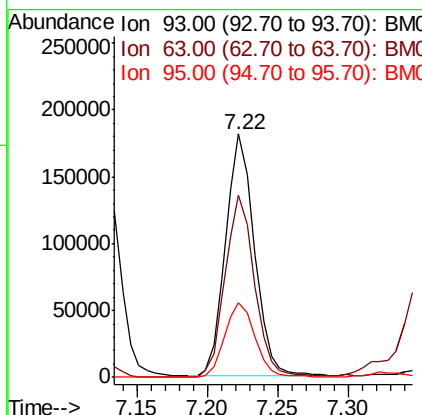
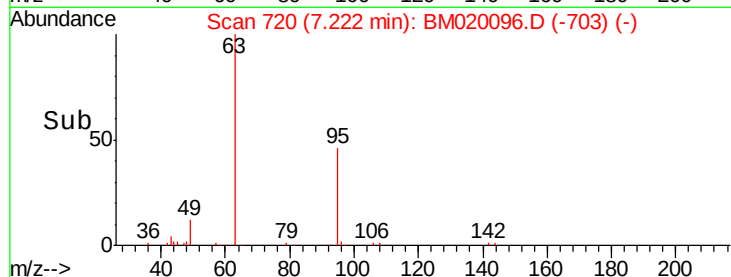
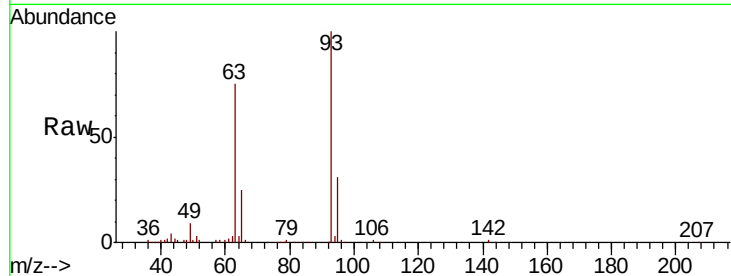
#11
bis(2-Chloroethyl)ether
Concen: 37.811 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	57.9	97.9
95	30.9	11.3	51.3

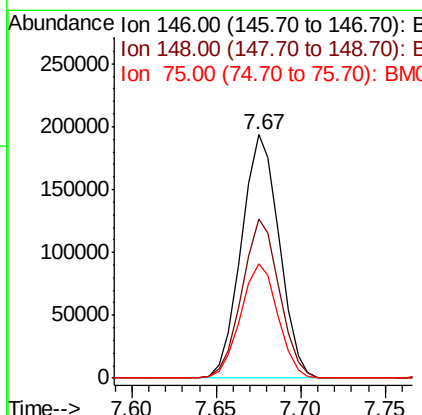
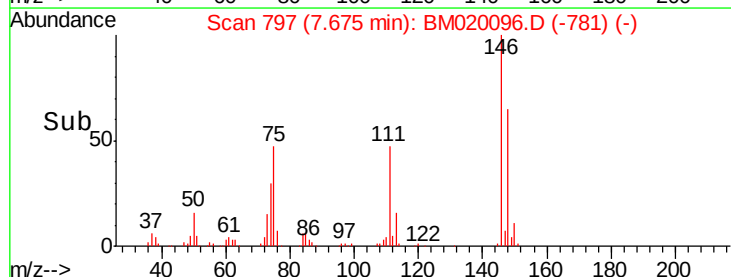
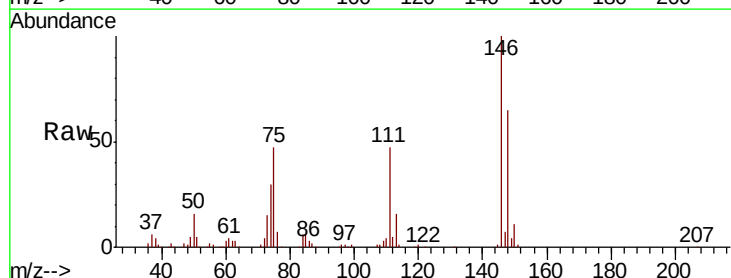
Manual Integrations
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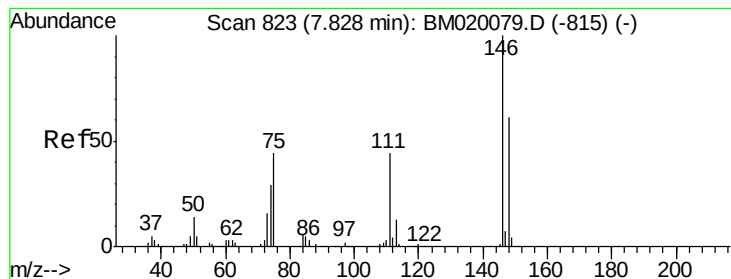
Sohil
5/2/2019 4:55:27 PM



#12
1,3-Dichlorobenzene
Concen: 37.312 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.1	75.1
75	46.9	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.027 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

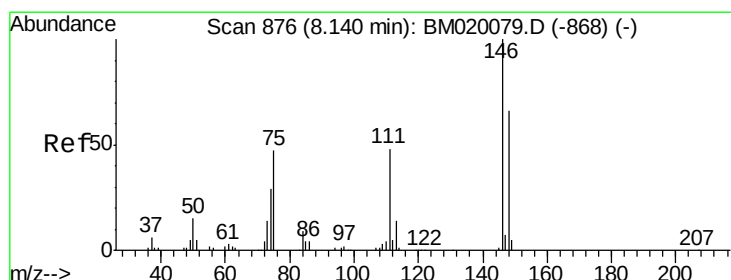
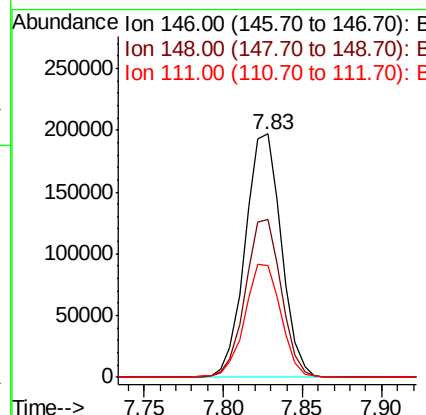
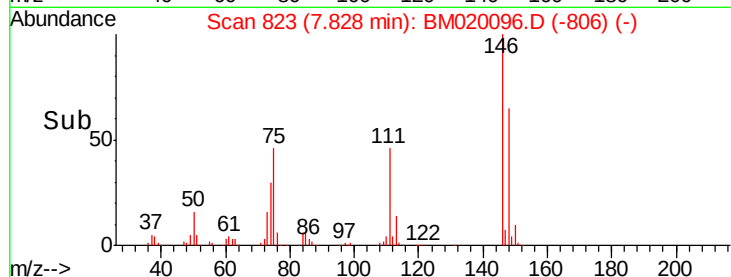
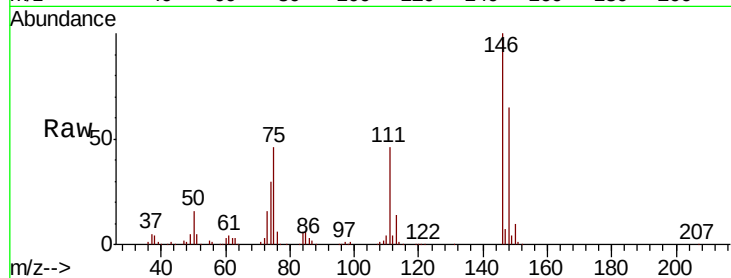
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	146	Resp:	310955
Ion Ratio	Lower	Upper	
146	100		
148	64.6	48.5	72.7
111	46.1	35.7	53.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.454 ng

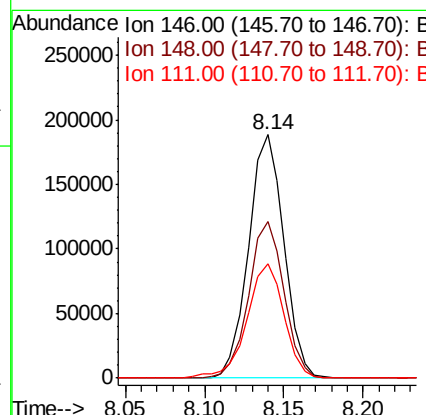
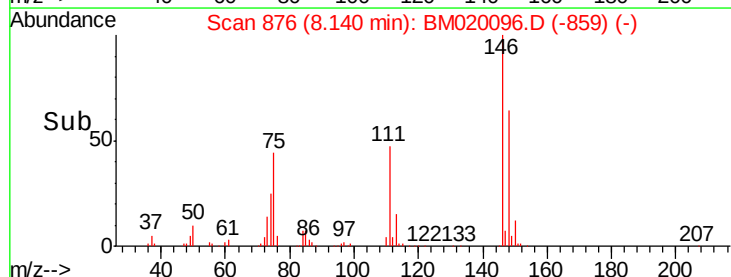
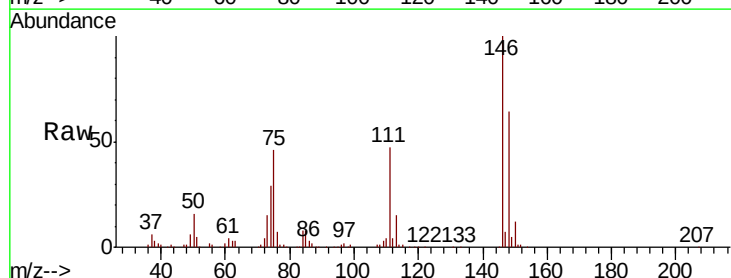
RT: 8.14 min Scan# 876

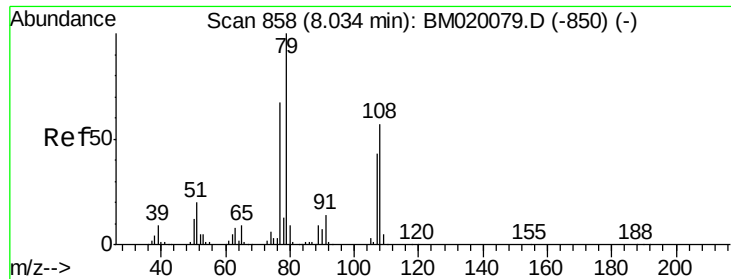
Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	146	Resp:	291790
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.6	79.0
111	47.1	39.0	58.4





#15

Benzyl Alcohol

Concen: 36.437 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

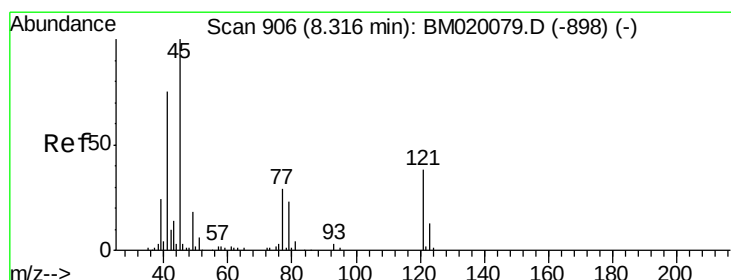
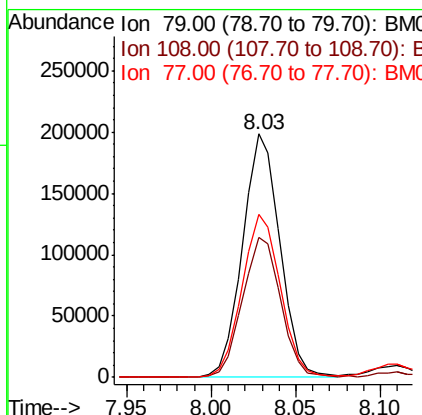
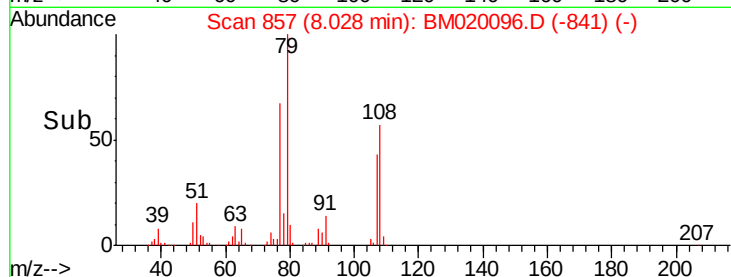
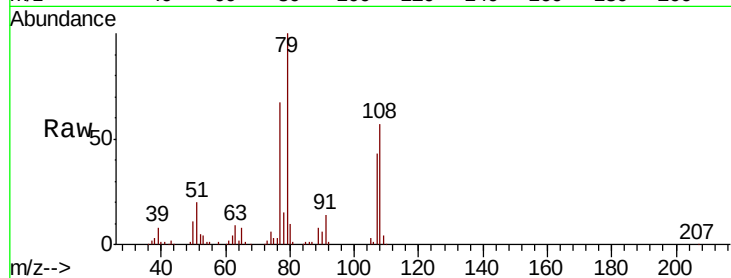
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	79	Resp:	306689
Ion Ratio	Lower	Upper	
79	100		
108	57.2	46.0	69.0
77	67.2	53.8	80.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.734 ng

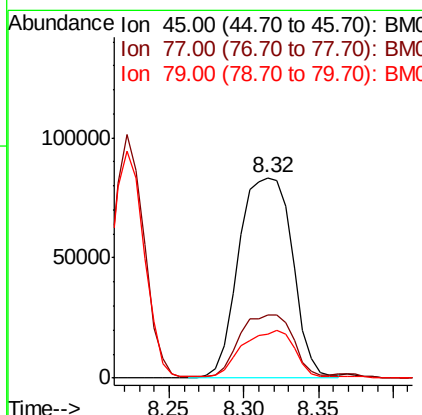
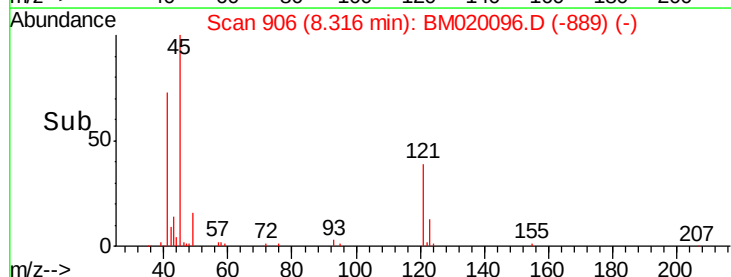
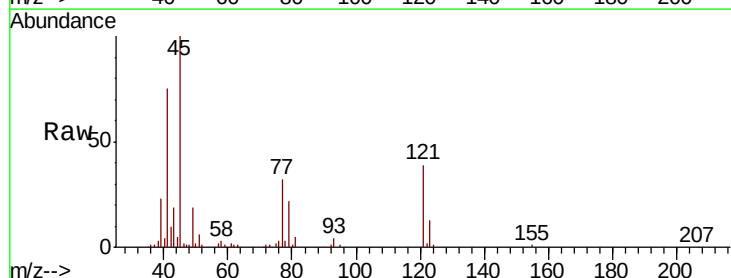
RT: 8.32 min Scan# 906

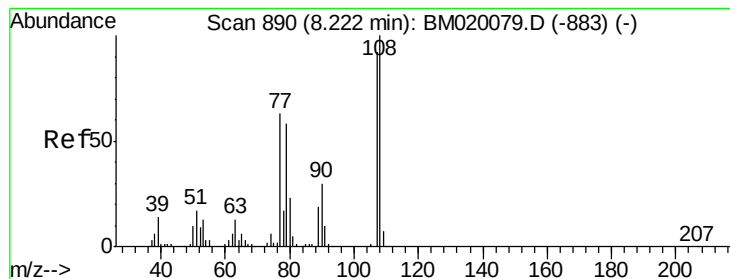
Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	45	Resp:	208037
Ion Ratio	Lower	Upper	
45	100		
77	31.7	10.5	50.5
79	22.1	3.3	43.3





#17

2-Methylphenol

Concen: 39.099 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

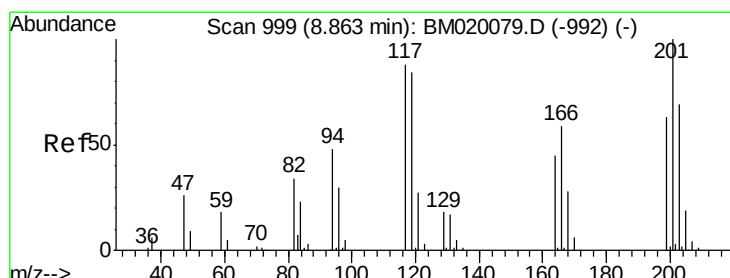
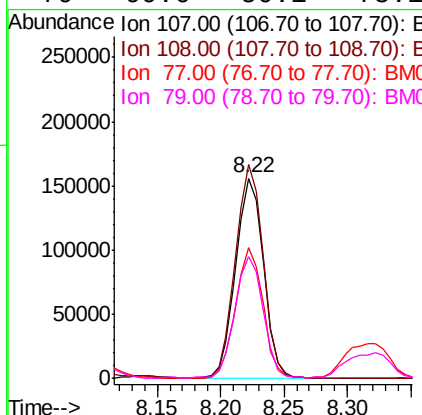
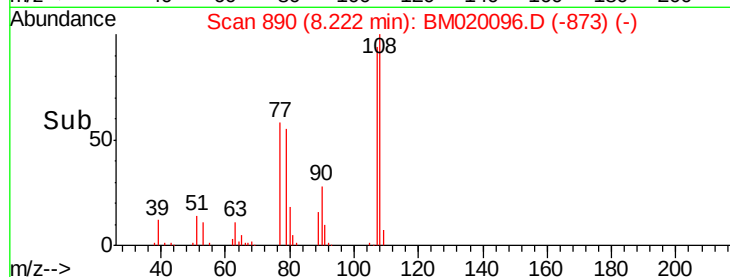
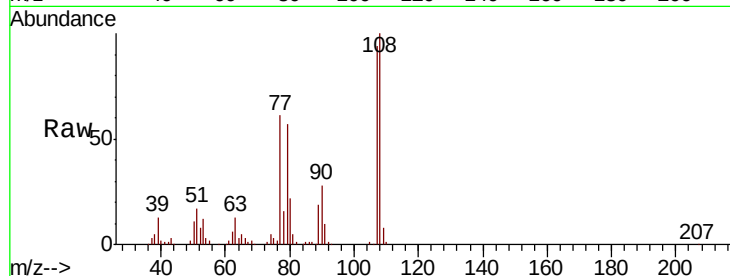
ClientSampled :

IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	87.0	130.4	
77	65.1	54.7	82.1	
79	60.6	50.1	75.1	

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#18

Hexachloroethane

Concen: 36.962 ng

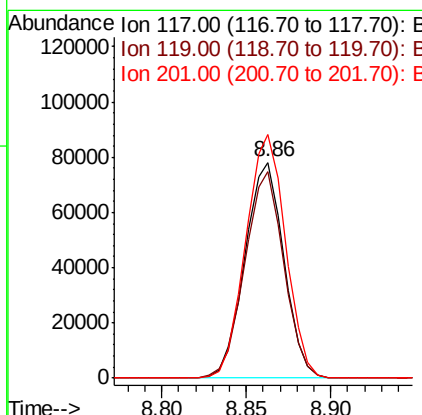
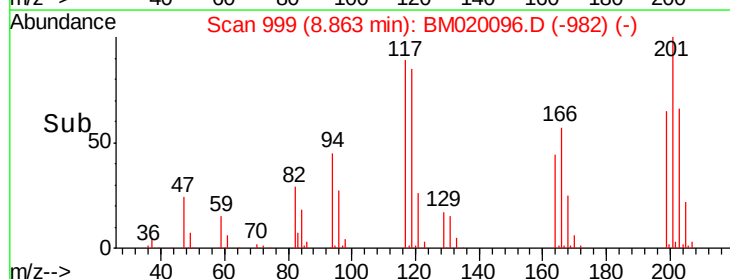
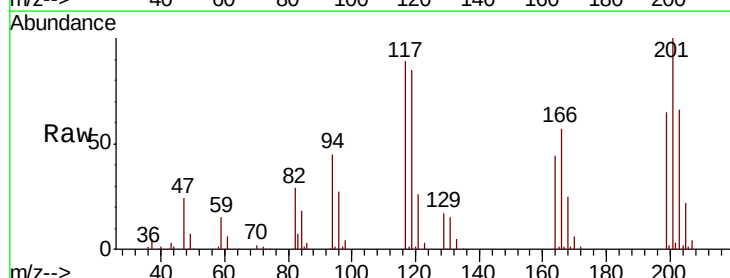
RT: 8.86 min Scan# 999

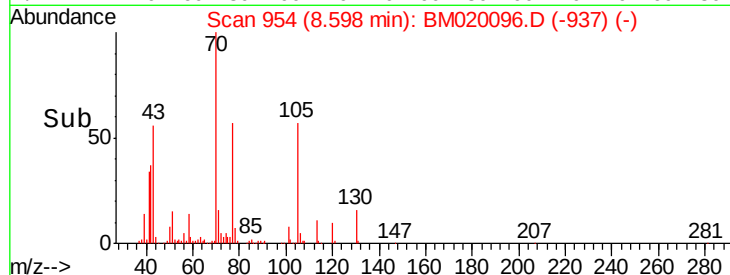
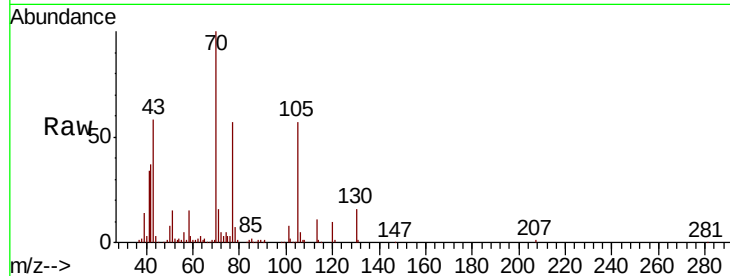
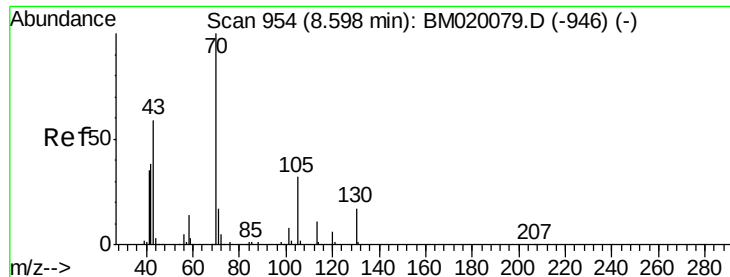
Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.6	114.8	
201	112.9	90.7	136.1	





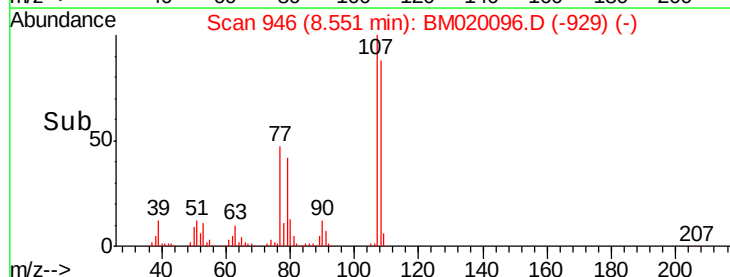
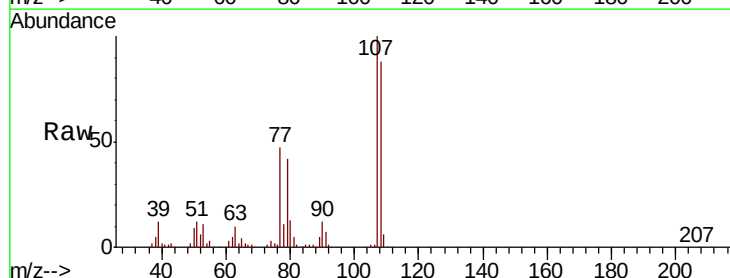
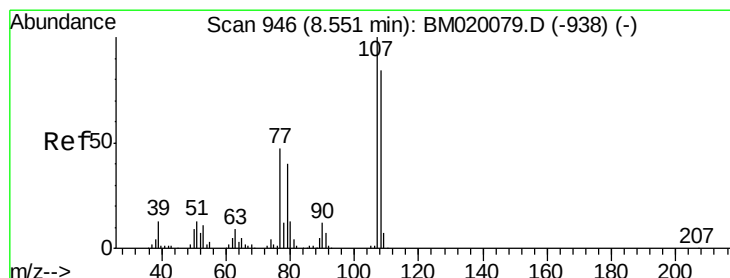
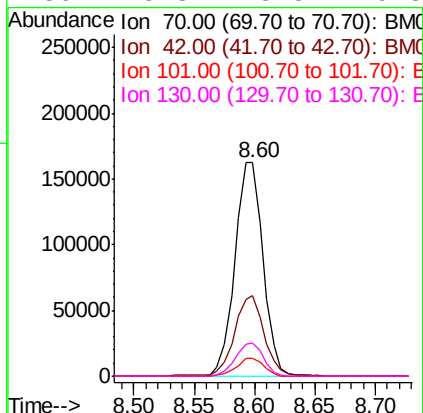
#19
n-Nitroso-di-n-propylamine
Concen: 35.355 ng
RT: 8.60 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		264035		
42	37.5		31.0	46.4	
101	8.1		6.2	9.2	
130	15.8		13.5	20.3	

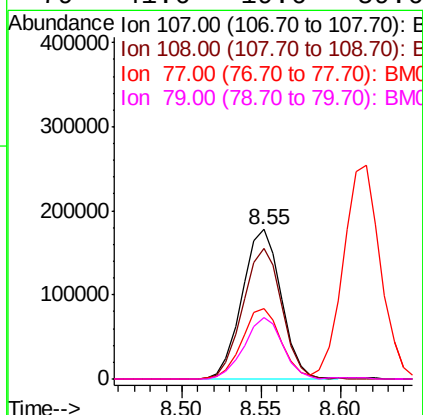
Manual Integrations
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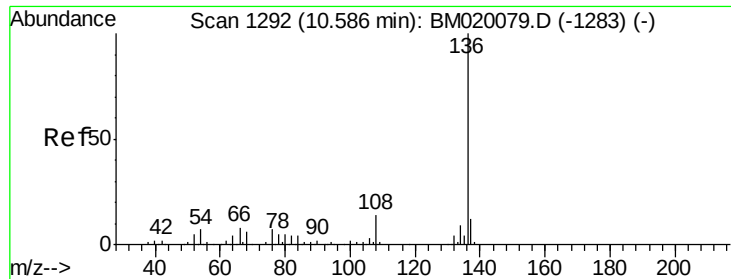
Sohil
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#20
3+4-Methylphenols
Concen: 37.942 ng
RT: 8.55 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		305042		
108	88.0		64.4	104.4	
77	47.1		27.2	67.2	
79	41.6		19.6	59.6	





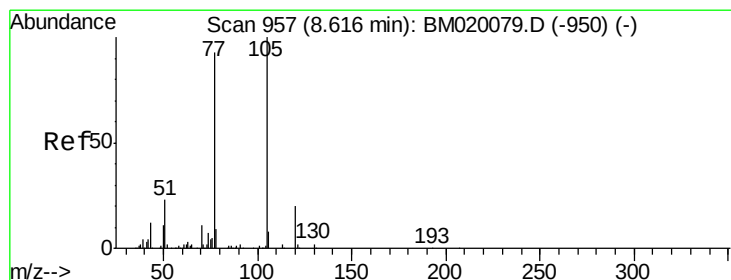
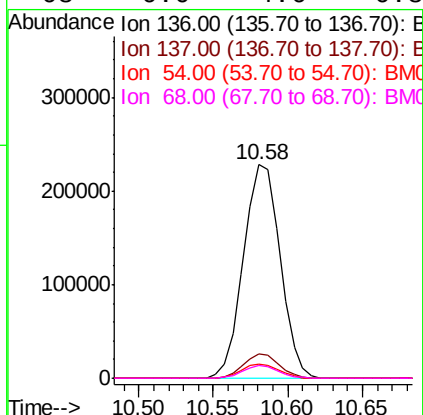
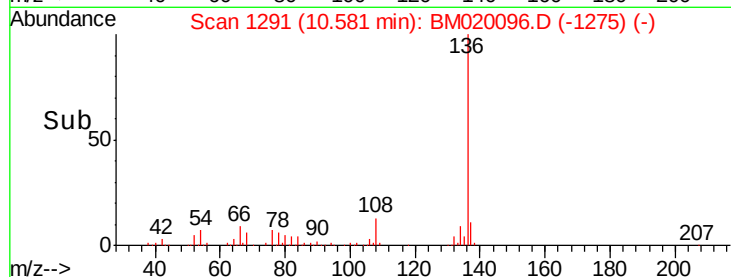
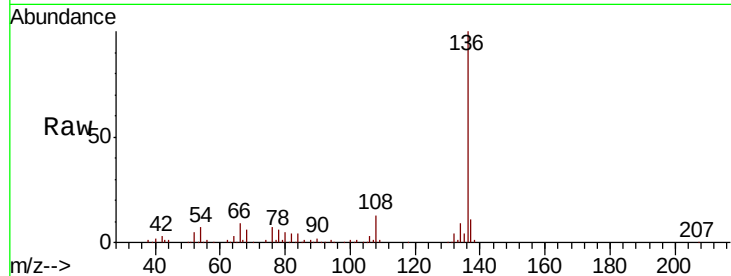
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.6	14.4	
54	6.8	5.5	8.3	
68	6.0	4.6	6.8	

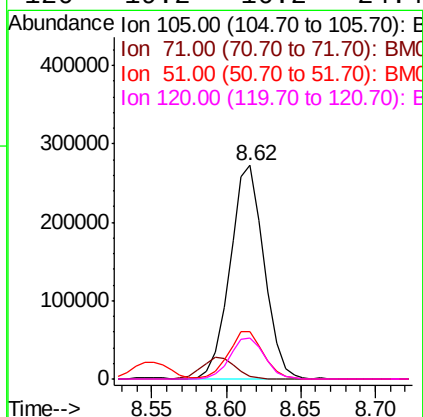
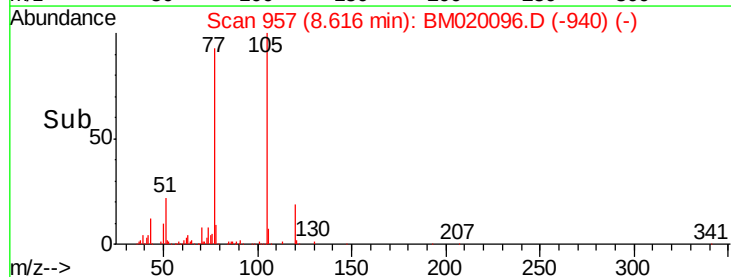
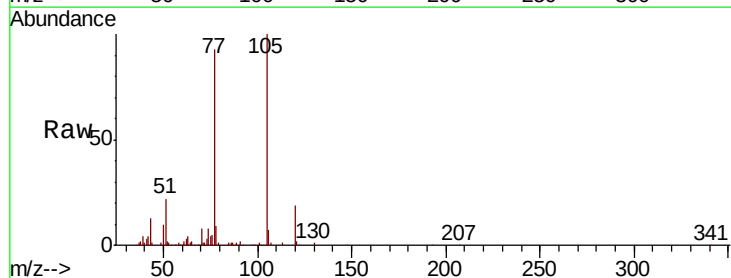
Manual Integrations
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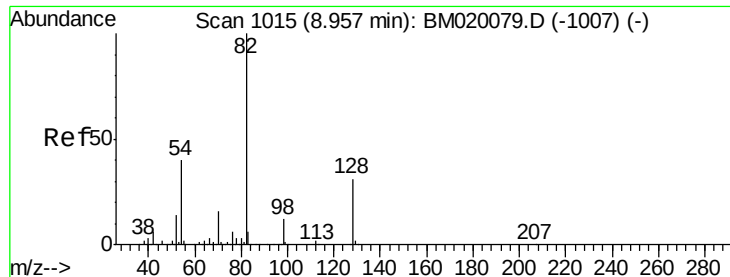
Sohil
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#22
Acetophenone
Concen: 40.578 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	2.2	3.2#	
51	22.1	19.3	28.9	
120	19.2	16.2	24.4	





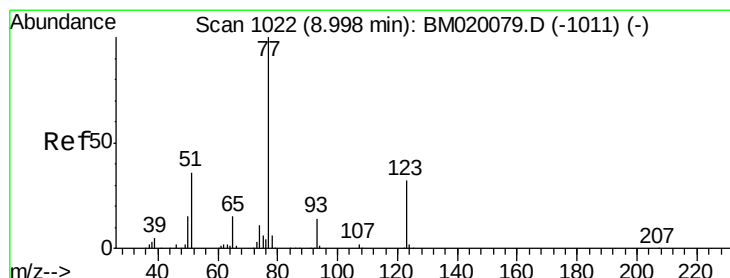
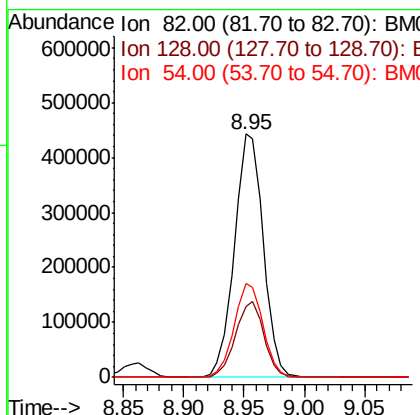
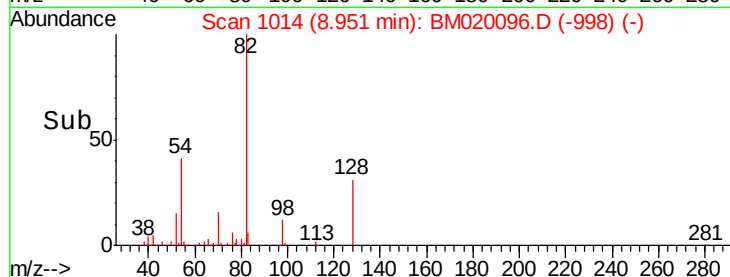
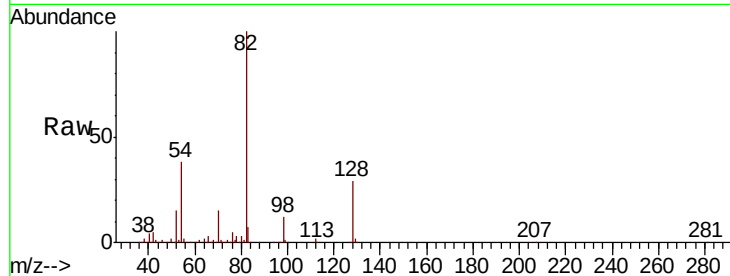
#23
 Nitrobenzene-d5
 Concen: 75.272 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.3	25.2	37.8
54	38.3	31.9	47.9

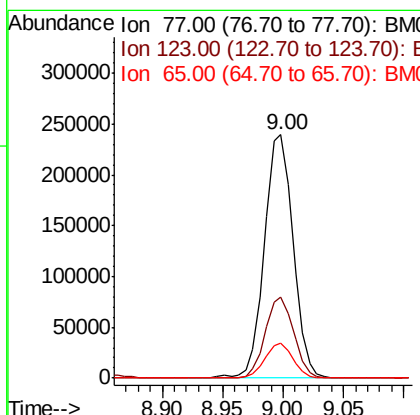
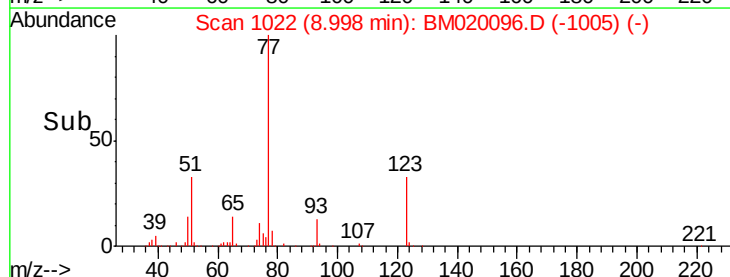
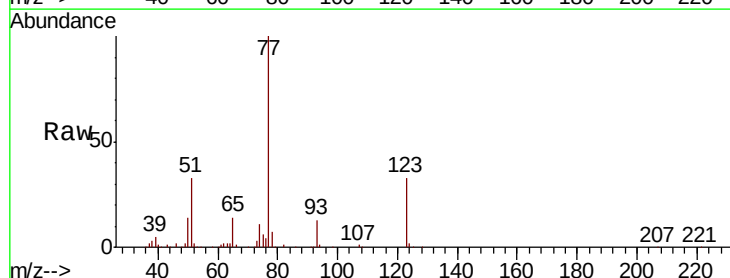
Manual Integrations
 APPROVED

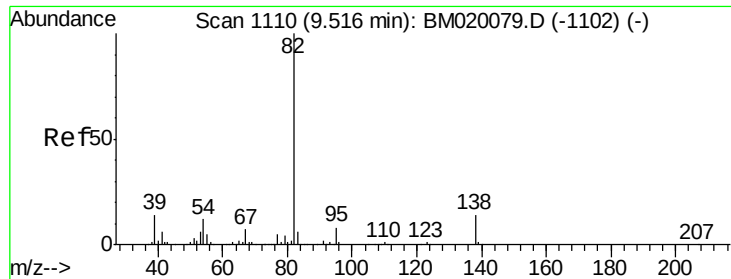
Sohil
 5/2/2019 4:55:27 PM



#24
 Nitrobenzene
 Concen: 38.586 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.5	38.3
65	14.2	11.8	17.6





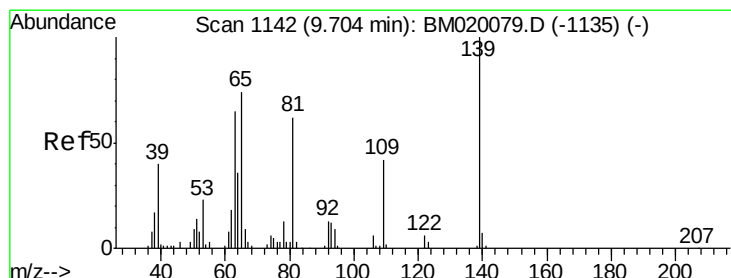
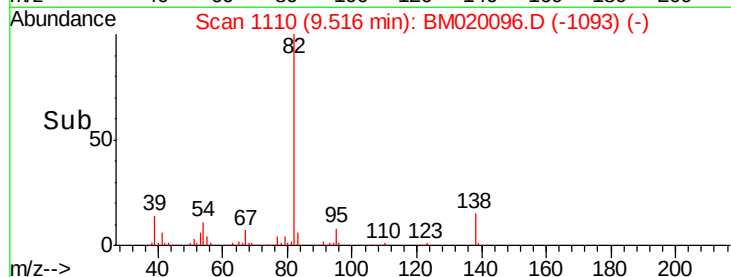
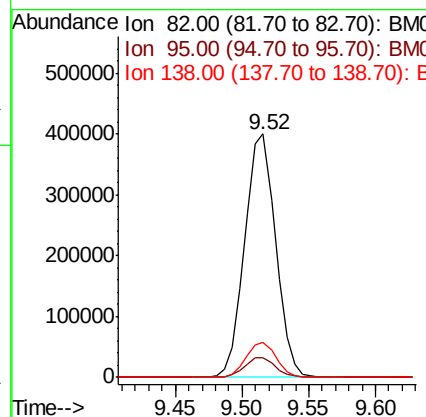
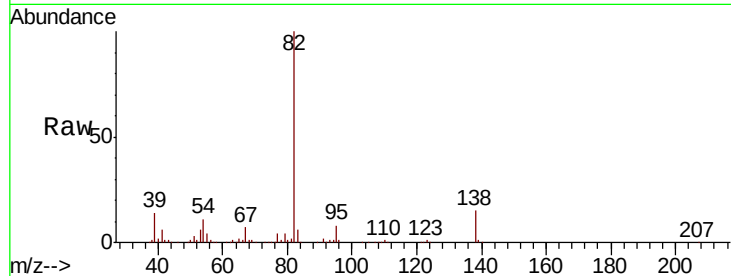
#25
Isophorone
Concen: 37.800 ng
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	641991		
95	8.1		6.4	9.6
138	14.5		11.1	16.7

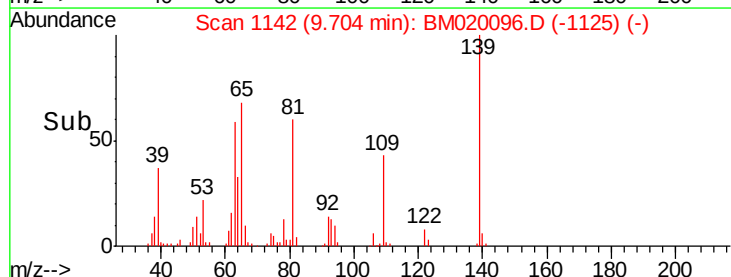
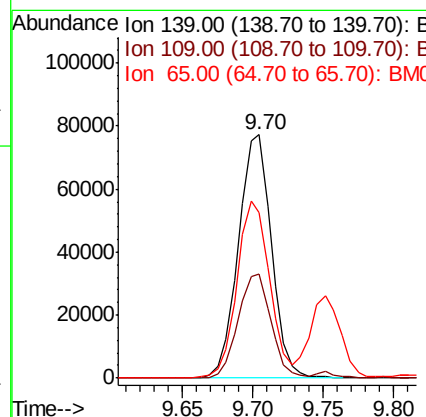
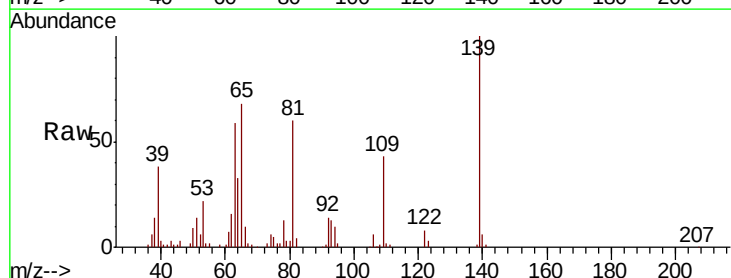
Manual Integrations
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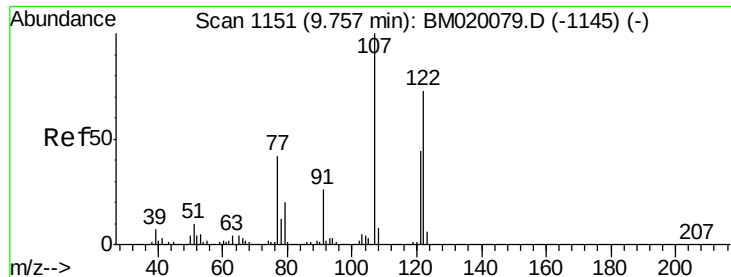
Sohil
5/2/2019 4:55:27 PM



#26
2-Nitrophenol
Concen: 40.896 ng
RT: 9.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	126077		
109	42.6		33.7	50.5
65	68.1		59.5	89.3





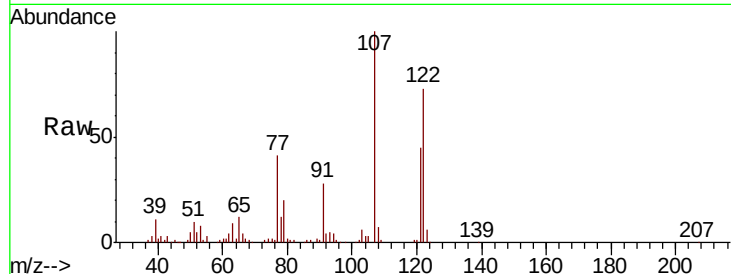
#27
2,4-Dimethylphenol
Concen: 45.668 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.4	108.6	162.8
121	61.6	47.4	71.2

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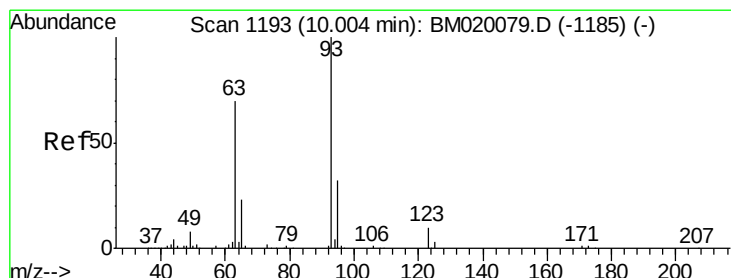
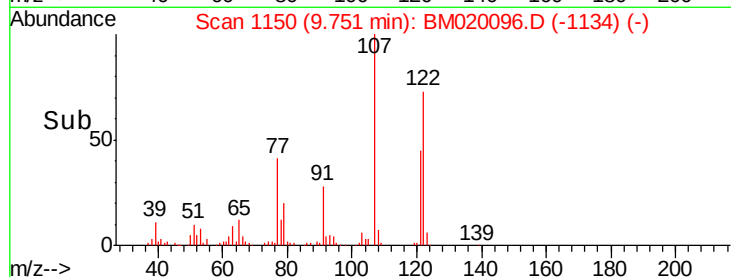
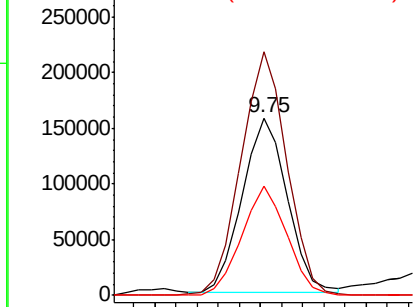


Abundance

Ion 122.00 (121.70 to 122.70): E

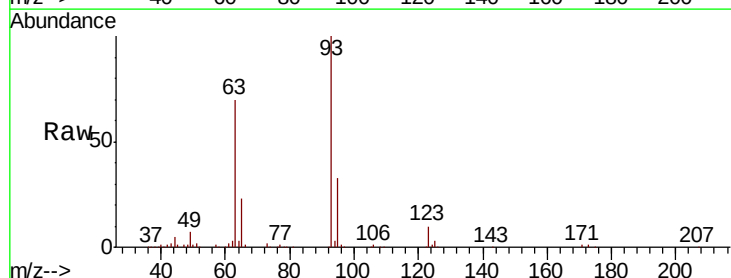
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.164 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	9.6	7.6	11.4

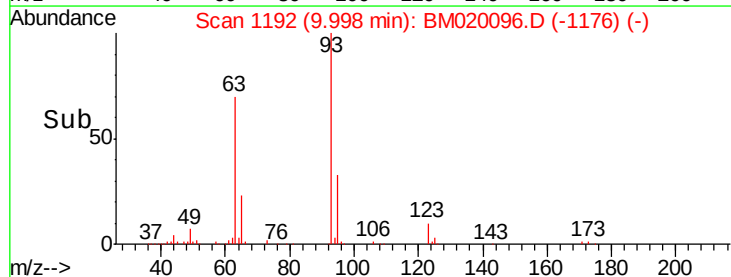
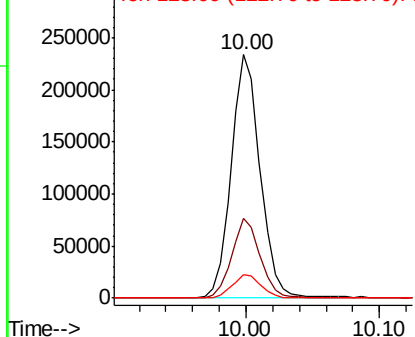


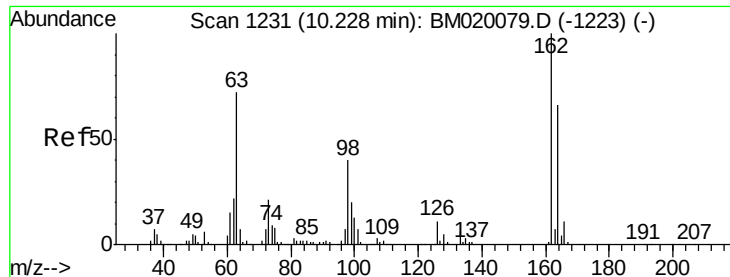
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





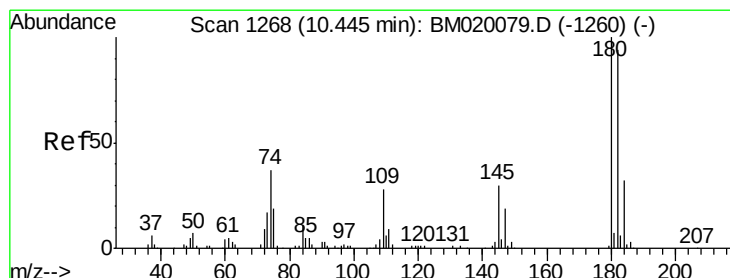
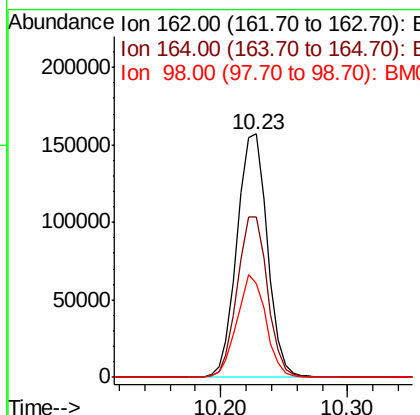
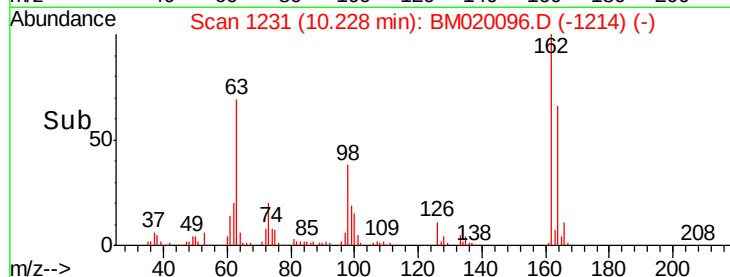
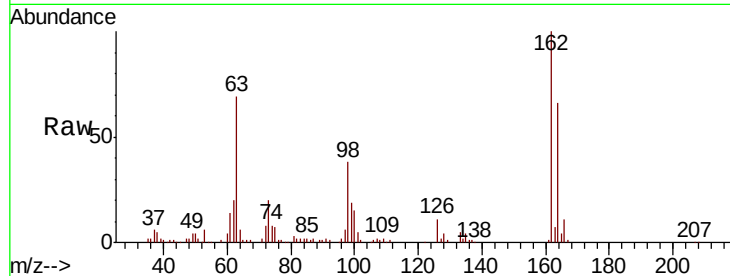
#29
2,4-Dichlorophenol
Concen: 40.344 ng
RT: 10.23 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261107		
164	65.8	45.6	85.6	
98	38.5	20.4	60.4	

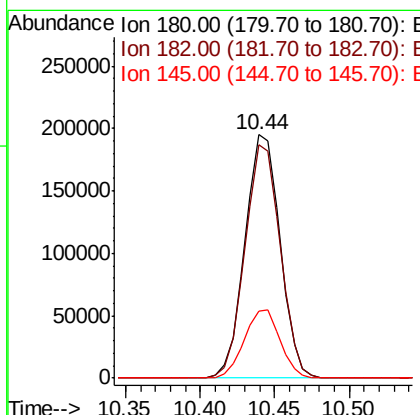
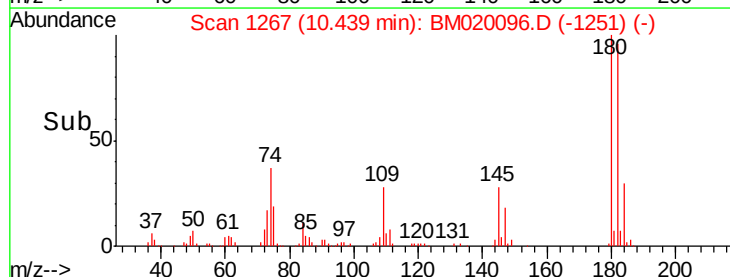
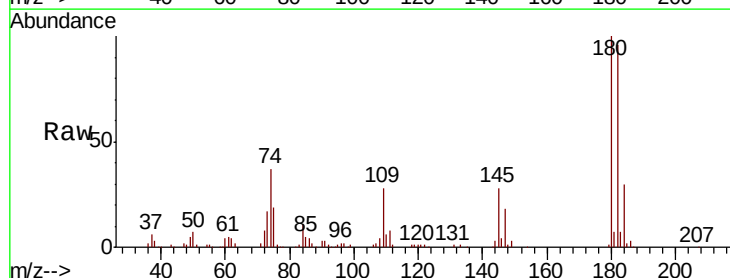
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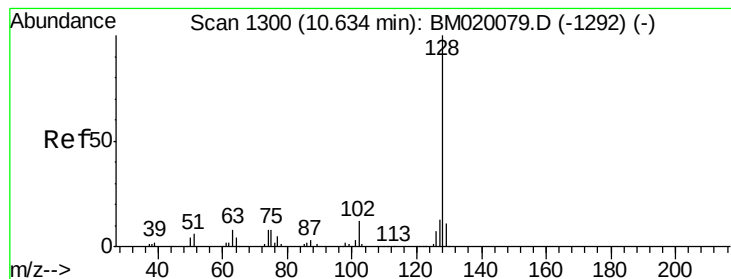
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#30
1,2,4-Trichlorobenzene
Concen: 39.888 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	317647		
182	95.8	75.4	113.0	
145	27.6	23.8	35.8	





#31

Naphthalene

Concen: 38.781 ng

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

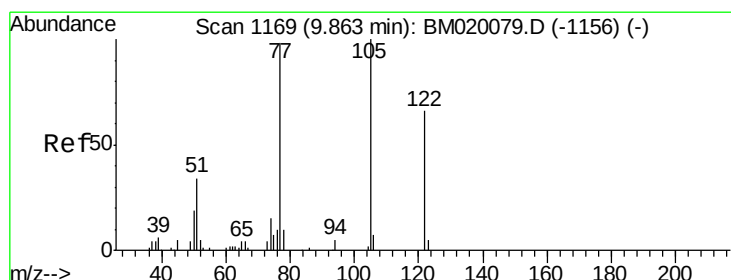
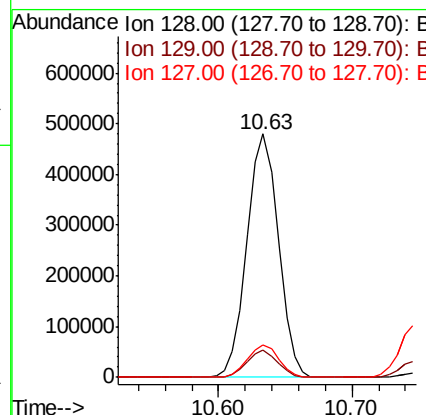
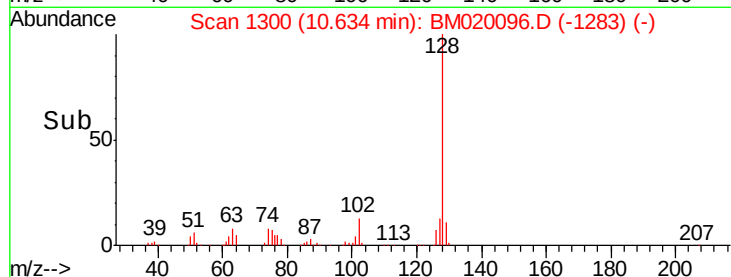
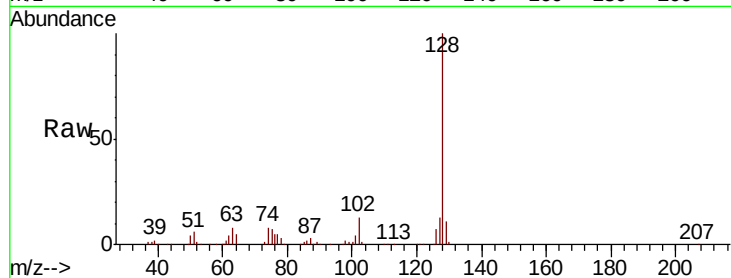
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	128	Resp:	782519
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6

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#32

Benzoic acid

Concen: 36.344 ng

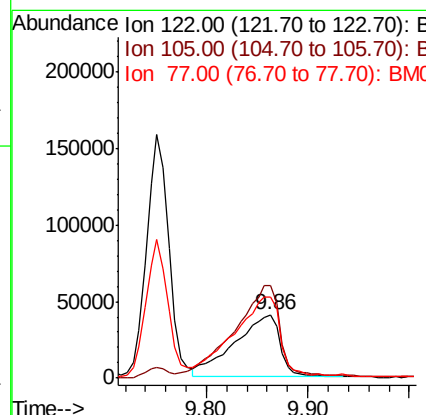
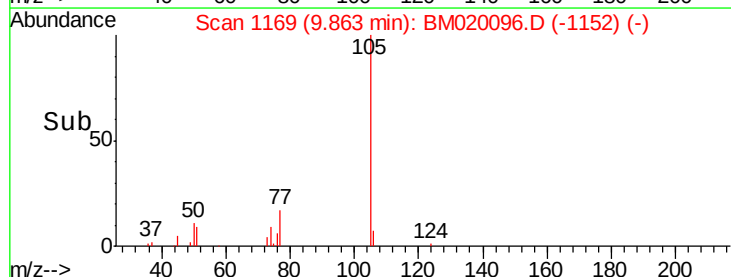
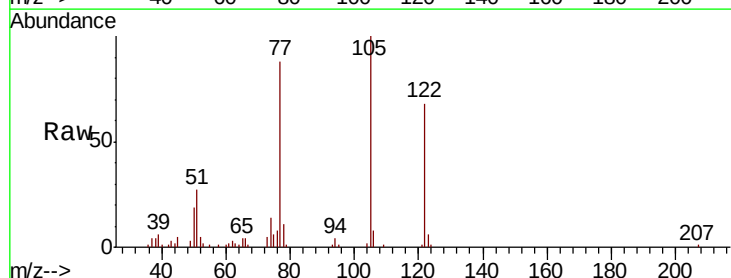
RT: 9.86 min Scan# 1169

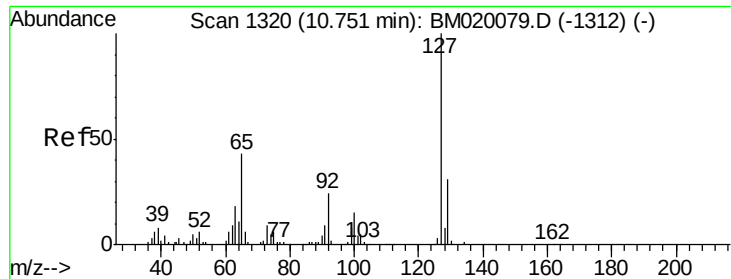
Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	122	Resp:	125924
Ion Ratio	Lower	Upper	
122	100		
105	146.9	122.5	162.5
77	128.8	123.3	163.3





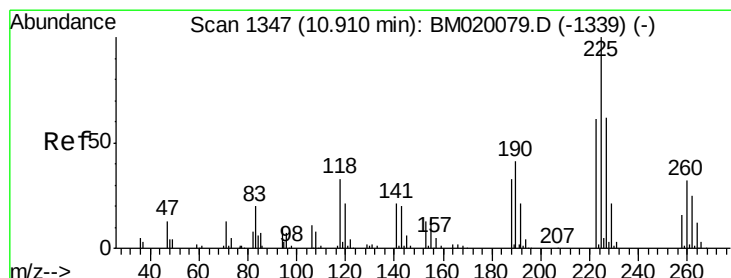
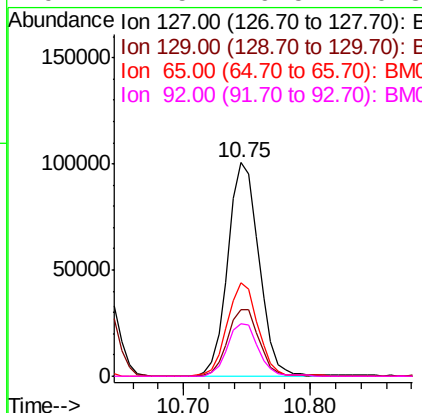
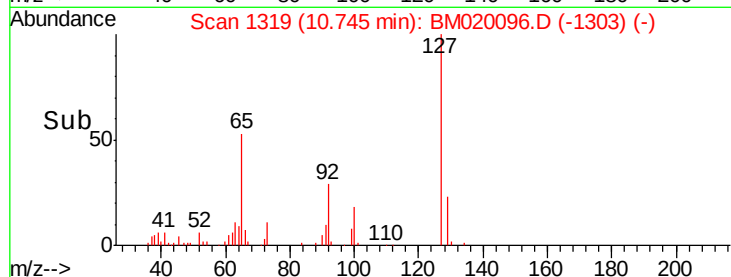
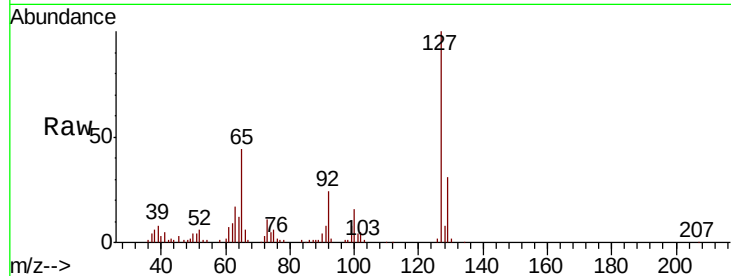
#33
4-Chloroaniline
Concen: 20.632 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	24.7	37.1	
65	44.0	34.6	52.0	
92	24.5	19.5	29.3	

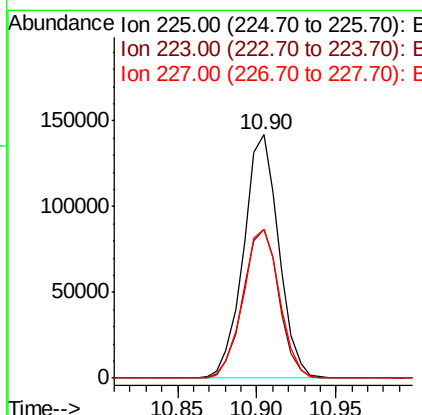
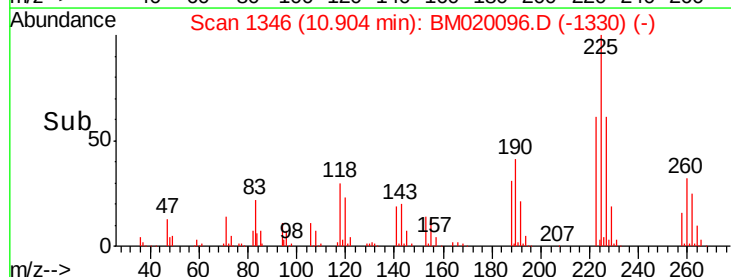
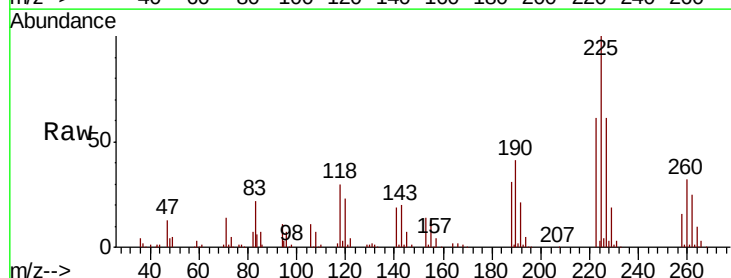
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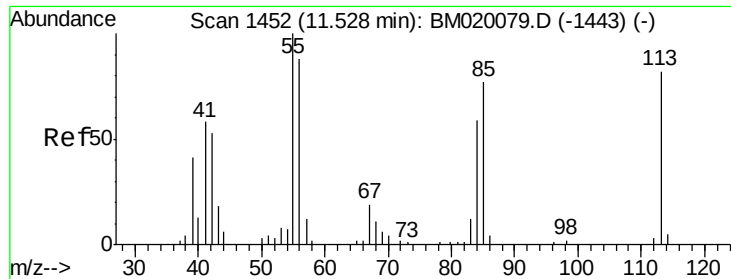
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#34
Hexachlorobutadiene
Concen: 38.747 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	48.9	73.3	
227	61.4	49.6	74.4	





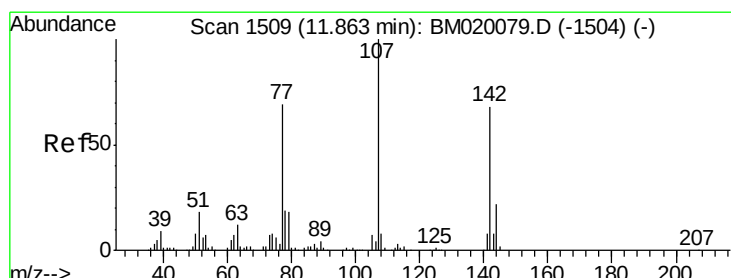
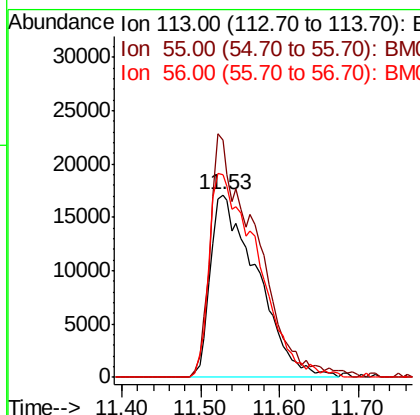
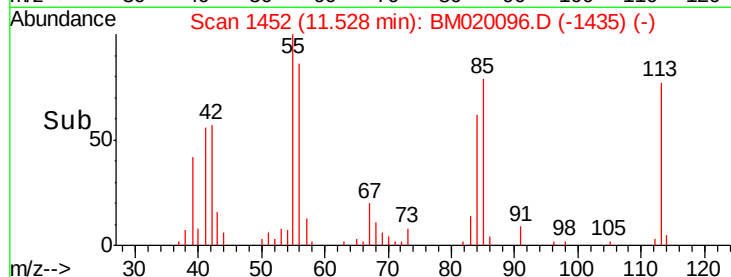
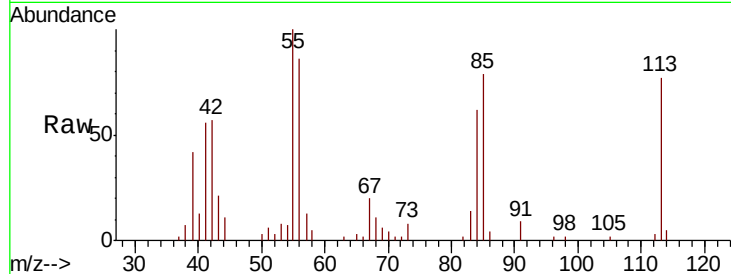
#35
 Caprolactam
 Concen: 36.421 ng/ml
 RT: 11.53 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.8	102.5	142.5
56	111.3	87.7	127.7

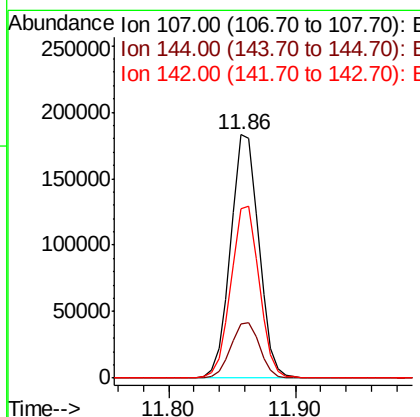
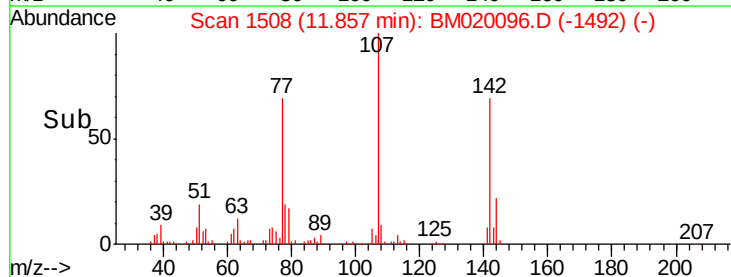
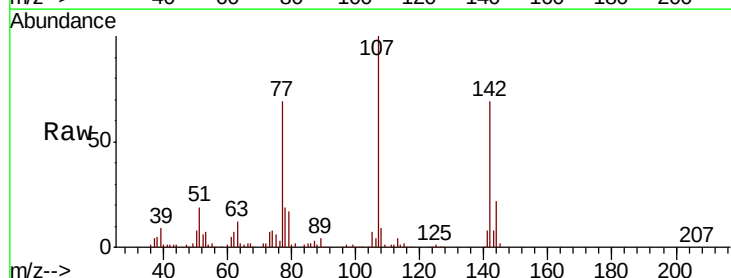
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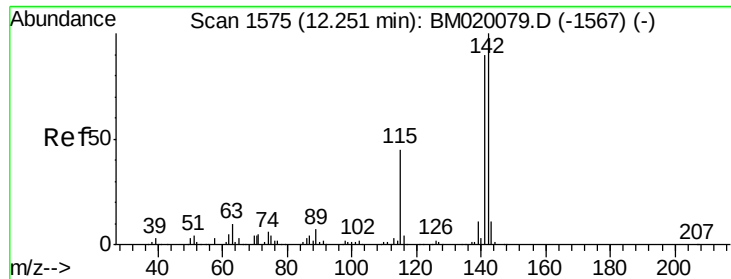
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#36
 4-Chloro-3-methylphenol
 Concen: 36.983 ng/ml
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	17.6	26.4
142	69.4	54.6	82.0





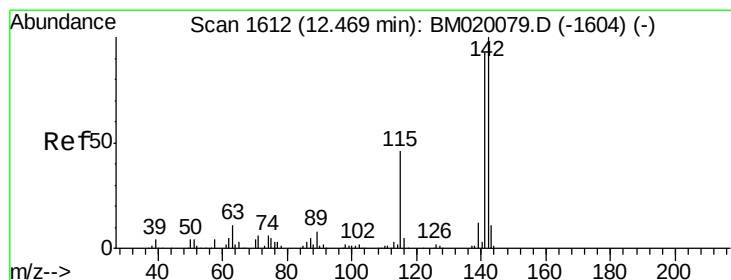
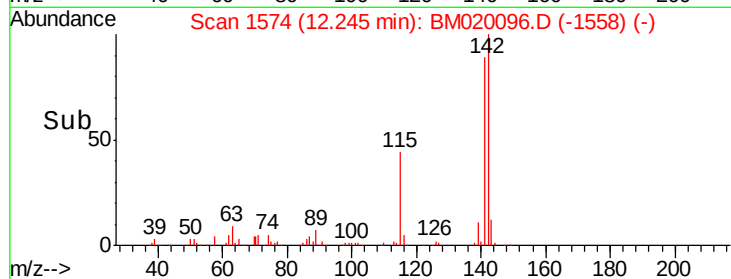
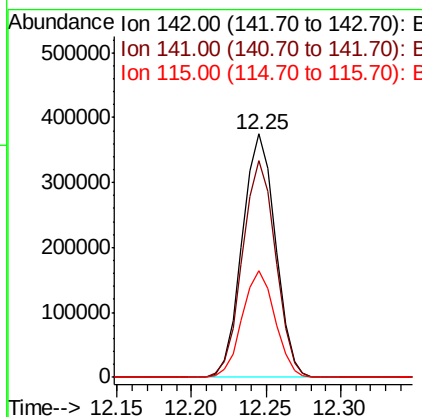
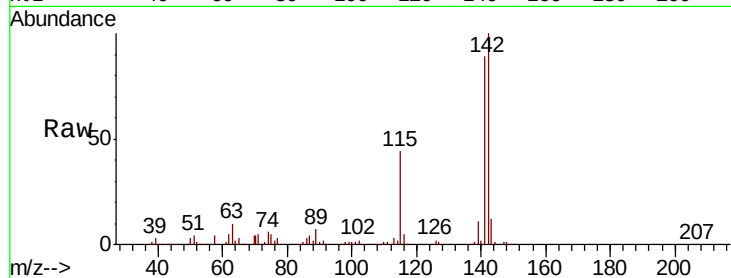
#37
2-Methylnaphthalene
Concen: 39.326 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	43.6	35.8	53.6

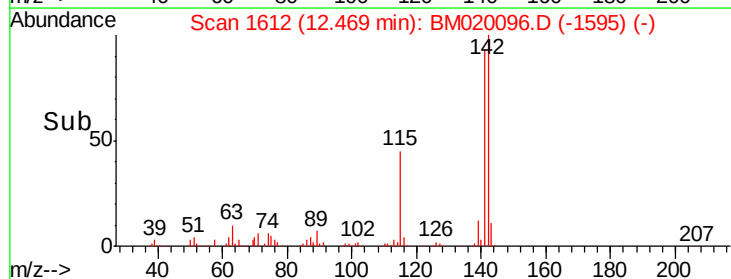
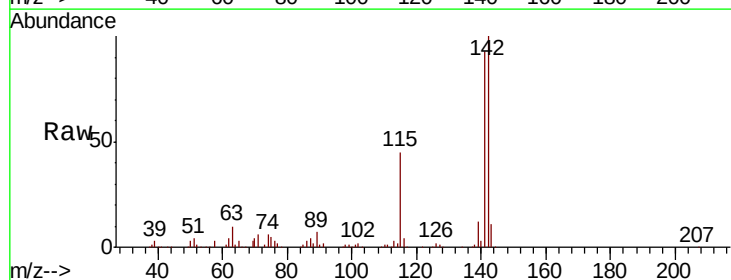
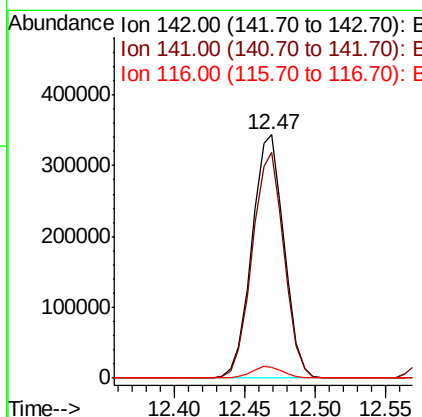
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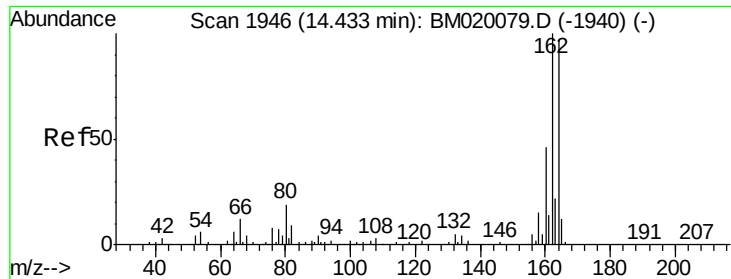
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#38
1-Methylnaphthalene
Concen: 38.156 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.8	112.2
116	4.2	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

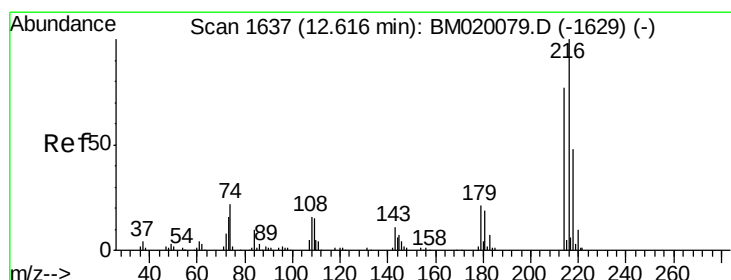
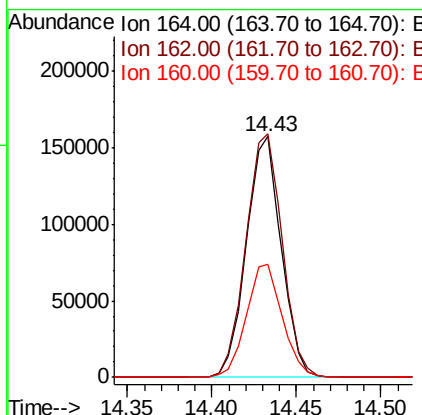
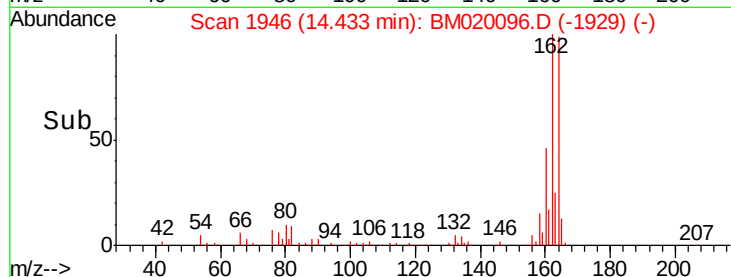
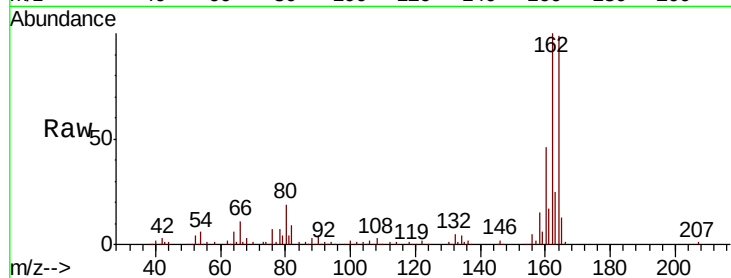
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	164	Resp:	225897
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.2	123.2
160	47.0	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.080 ng

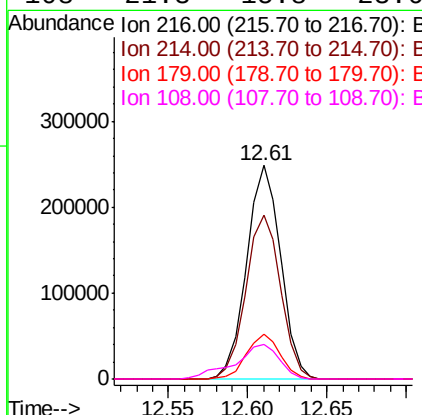
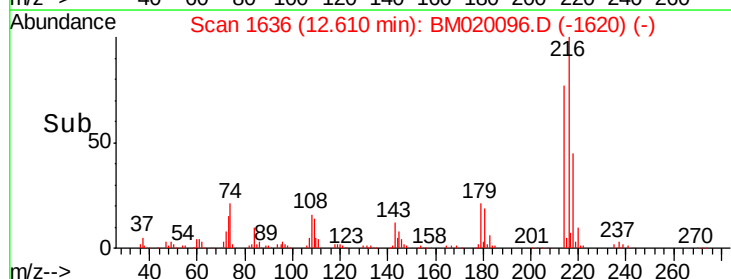
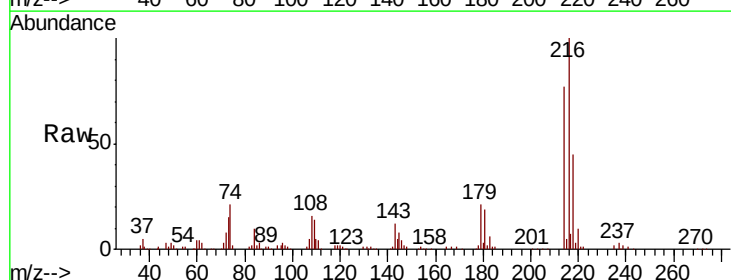
RT: 12.61 min Scan# 1636

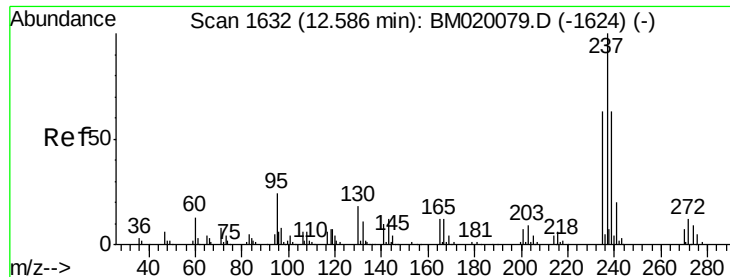
Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	216	Resp:	371902
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	94.0
179	20.5	17.1	25.7
108	21.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 94.174 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

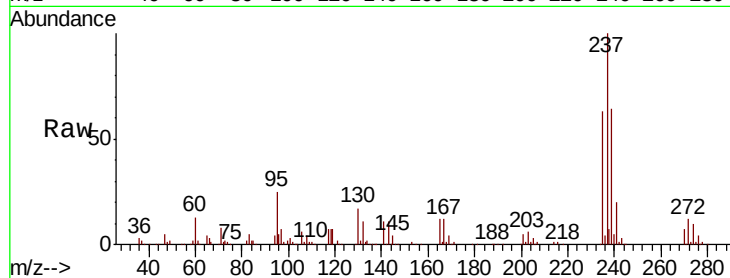
ClientSampleId :

IDOC SOIL-HP2

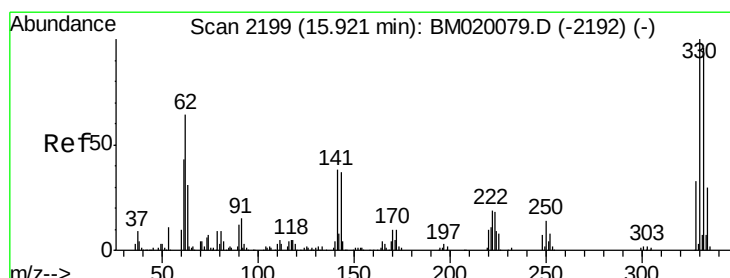
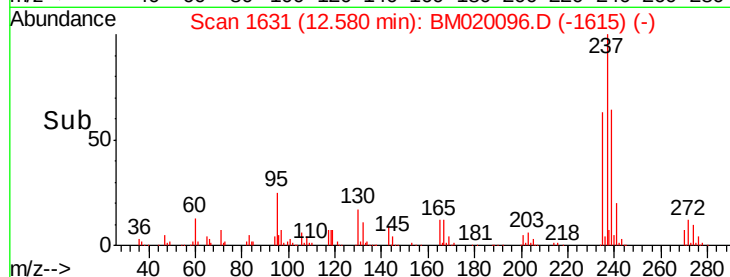
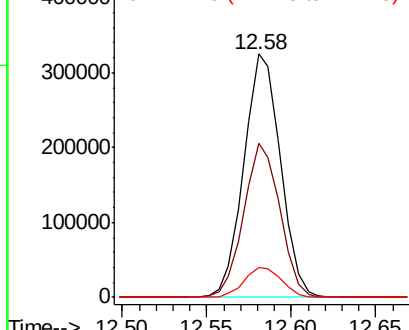
Tot Ion:	237	Resp:	490065
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.4	83.4
272	12.0	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.359 ng

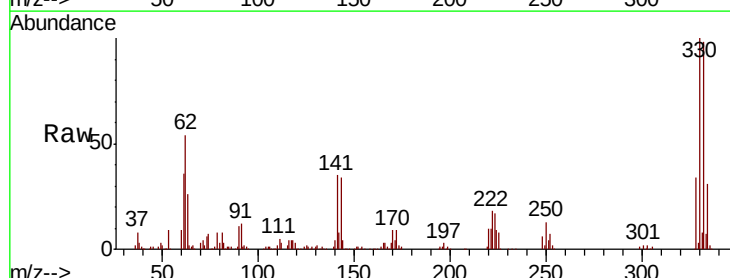
RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

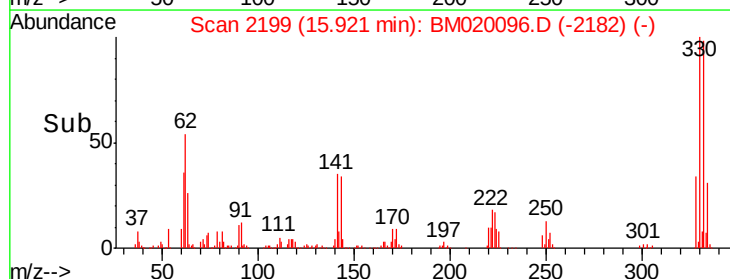
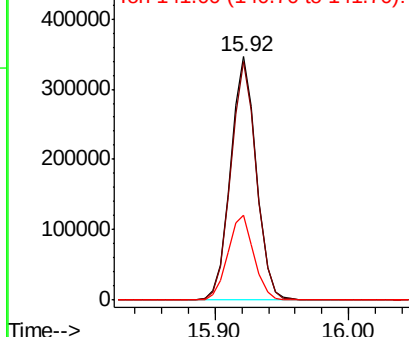
Lab File: BM020096.D

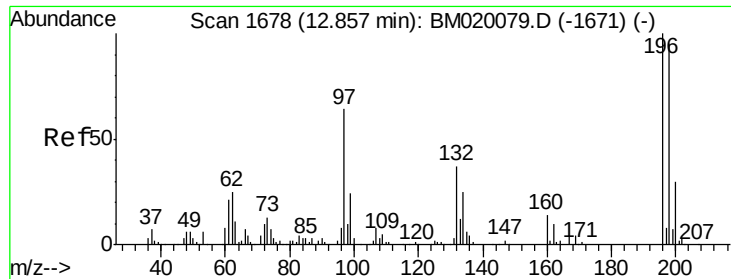
Acq: 01 May 2019 18:40

Tgt Ion:	330	Resp:	467603
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	35.6	29.2	43.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





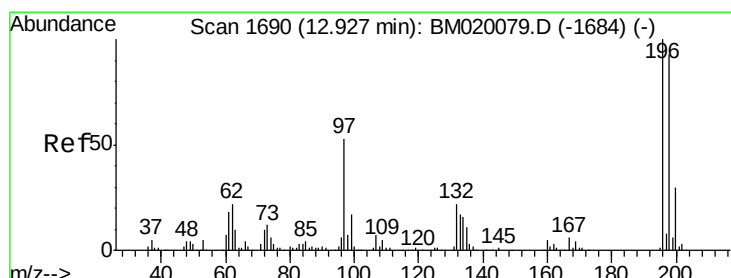
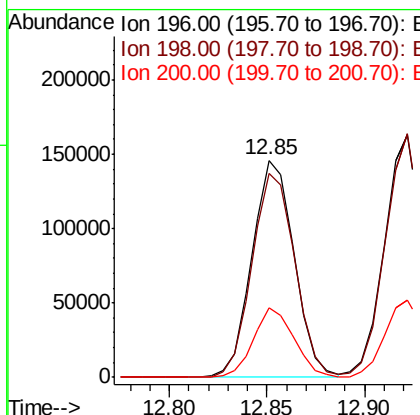
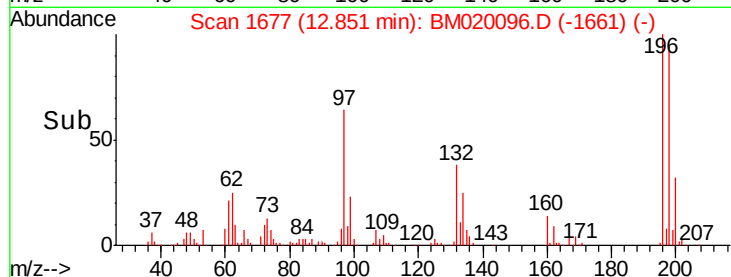
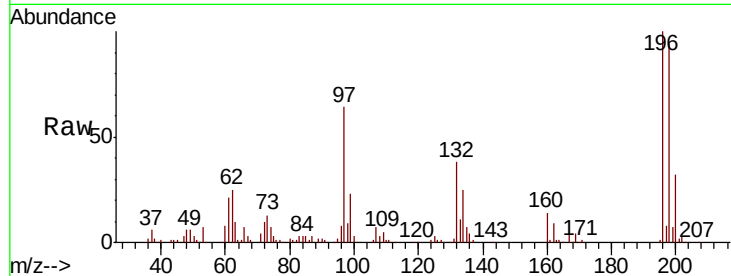
#43
 2,4,6-Trichlorophenol
 Concen: 43.549 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.2	114.2
200	31.9	24.3	36.5

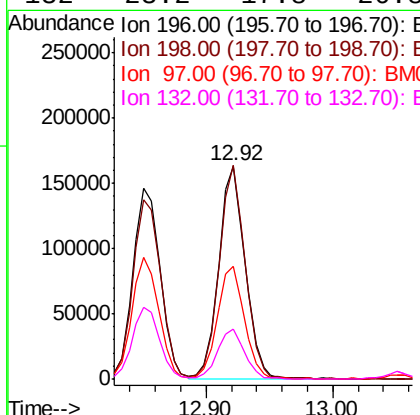
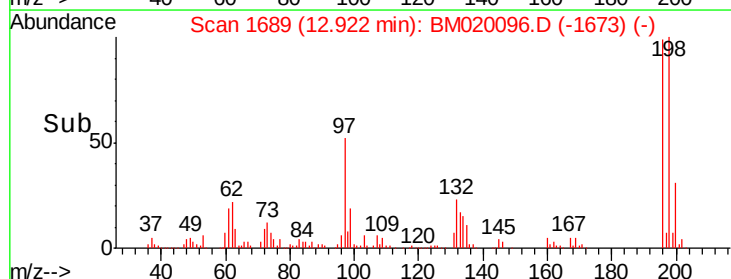
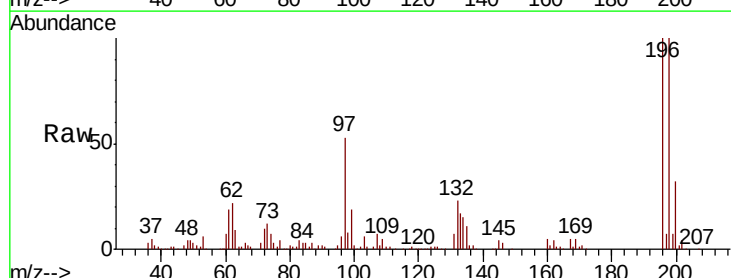
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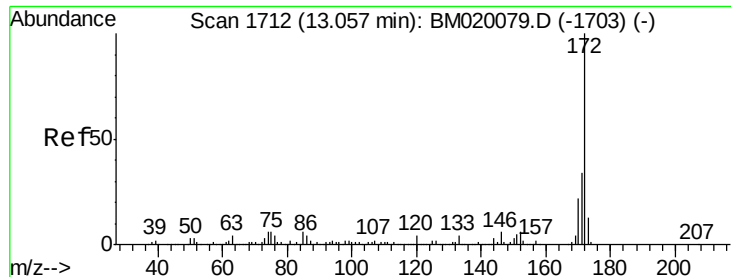
Sohil
 5/2/2019 4:55:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.978 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	74.7	112.1
97	53.2	42.2	63.4
132	23.2	17.8	26.8





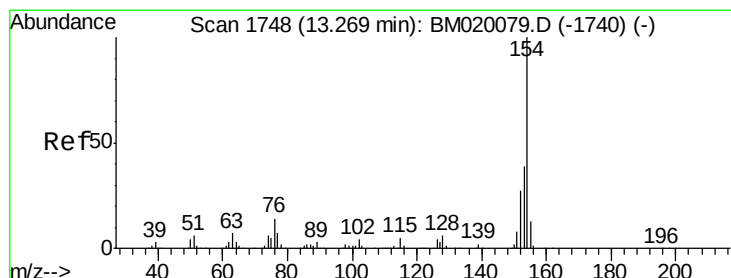
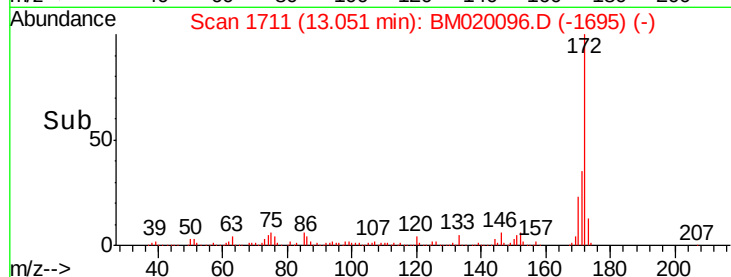
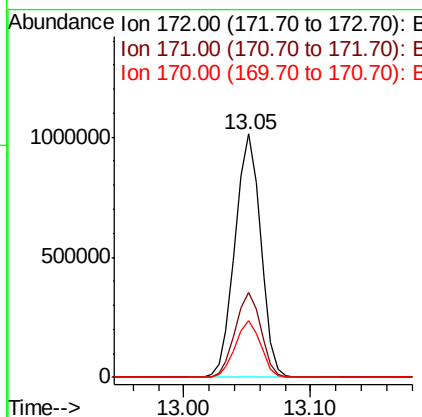
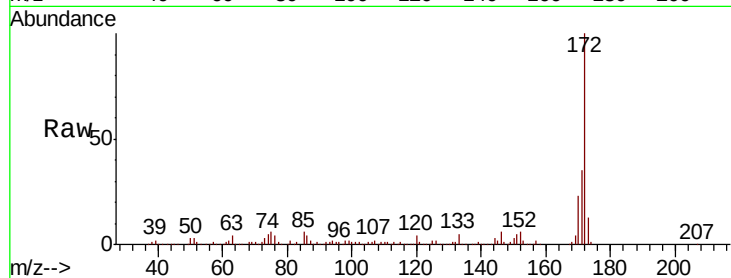
#45
2-Fluorobiphenyl
Concen: 77.298 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.5	17.9	26.9

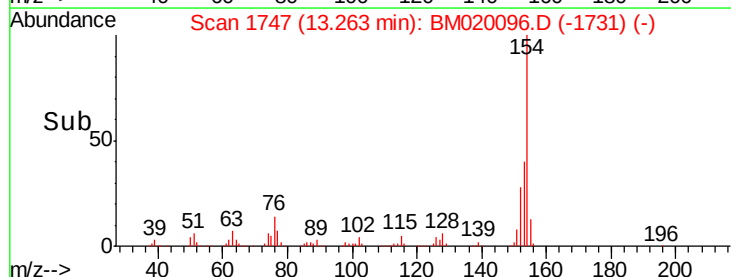
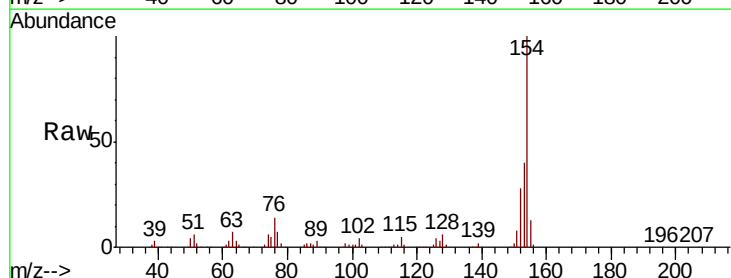
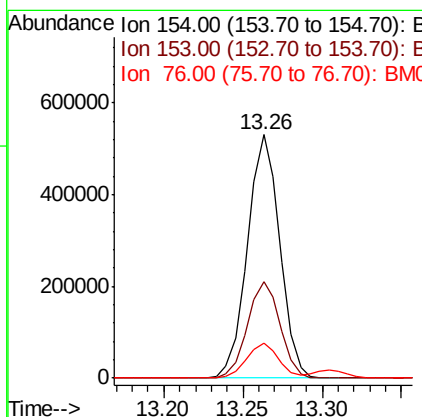
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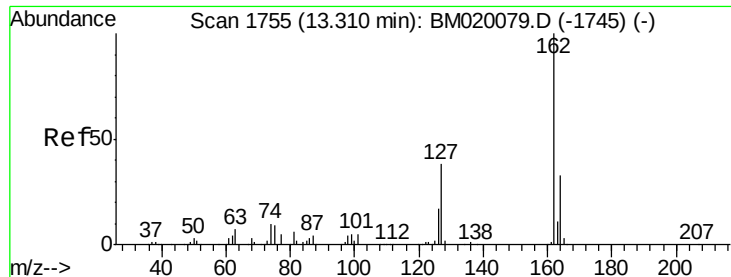
Sohil
5/2/2019 4:55:27 PM



#46
1,1'-Biphenyl
Concen: 40.392 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.4	59.4
76	14.4	0.0	34.5





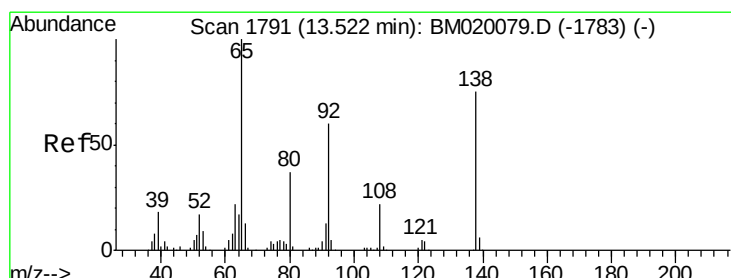
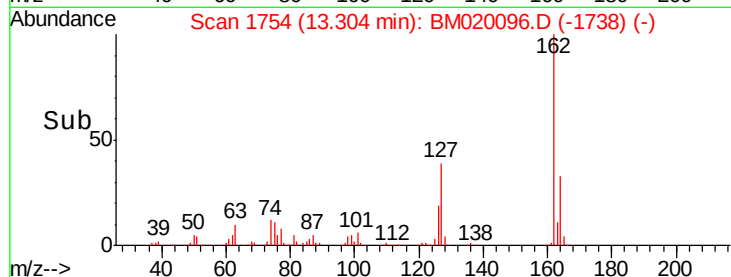
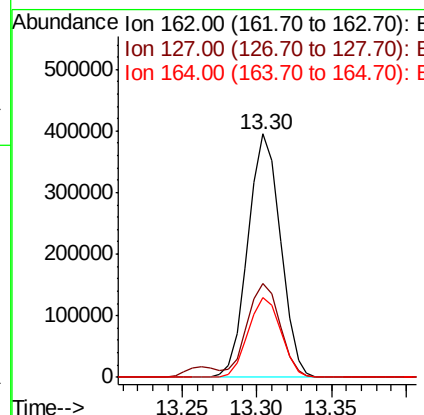
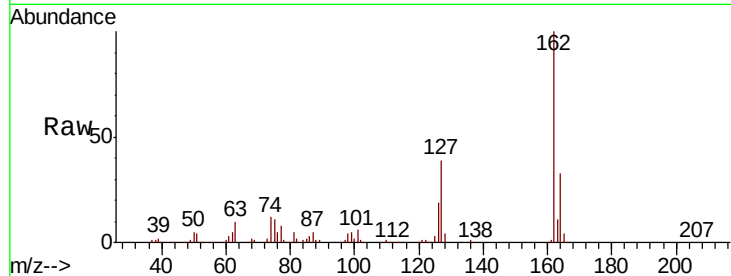
#47
 2-Chloronaphthalene
 Concen: 40.181 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP2

Tot Ion:	162	Resp:	596506
Ion Ratio		Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.9	26.2	39.2

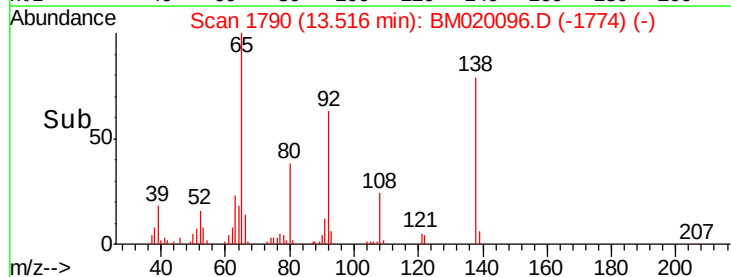
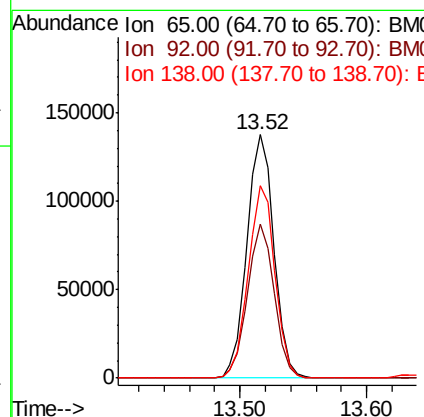
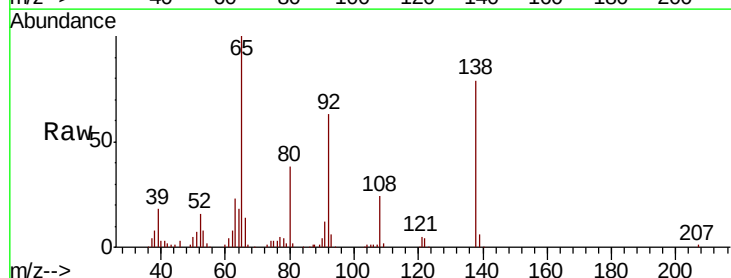
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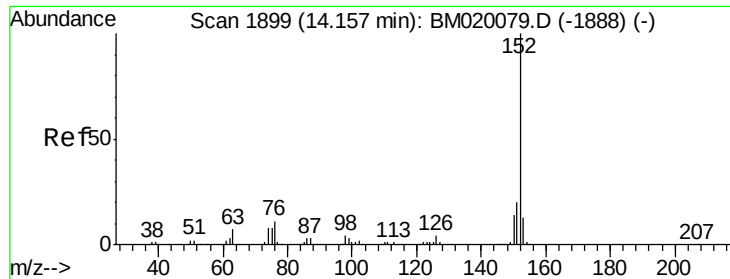
Sohil
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#48
 2-Nitroaniline
 Concen: 38.605 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:	65	Resp:	204035
Ion Ratio		Lower	Upper
65	100		
92	63.2	48.2	72.4
138	78.9	60.3	90.5





#49

Acenaphthylene

Concen: 38.196 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

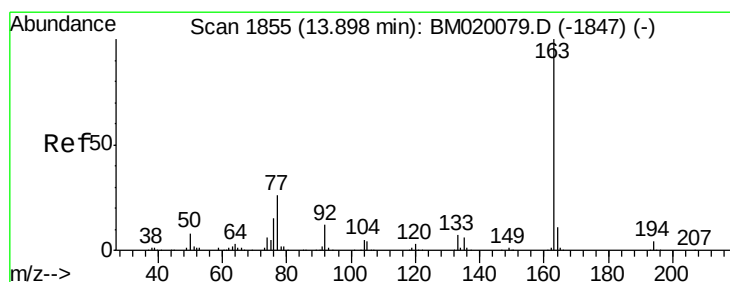
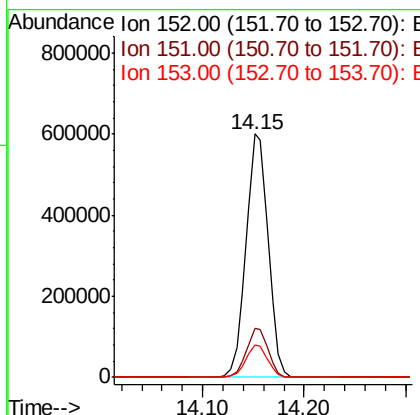
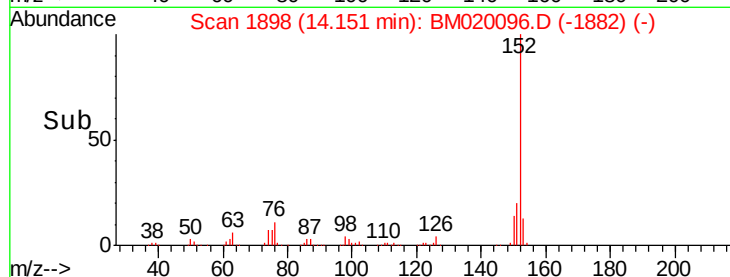
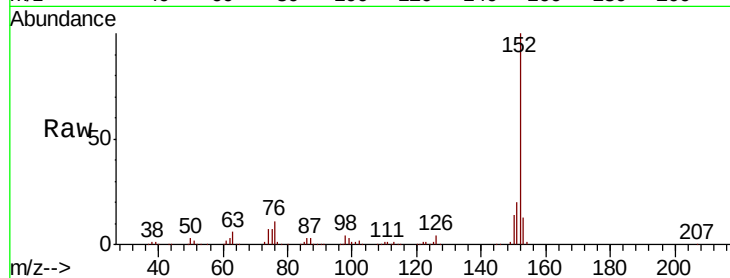
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	152	Resp:	907471
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 38.481 ng

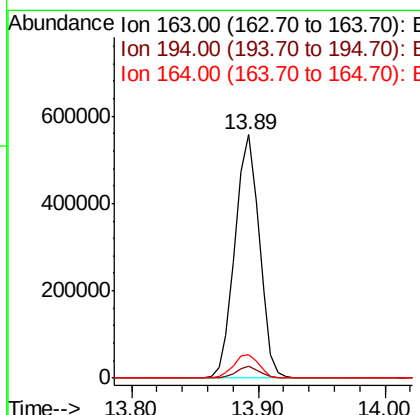
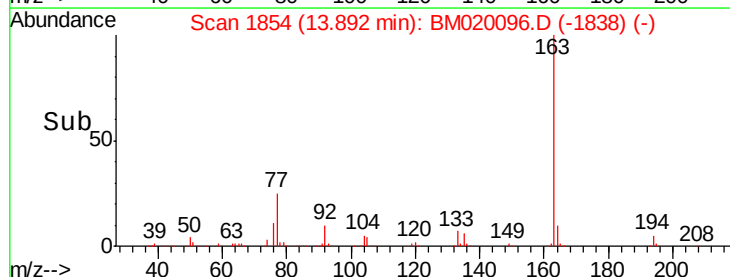
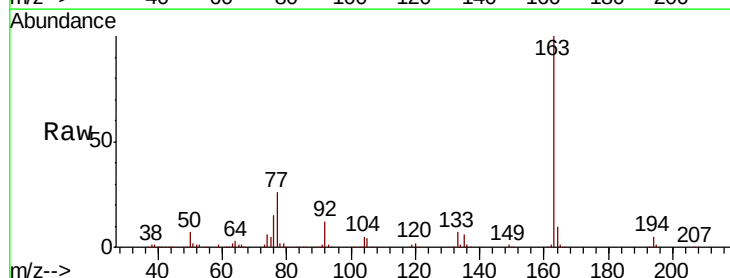
RT: 13.89 min Scan# 1854

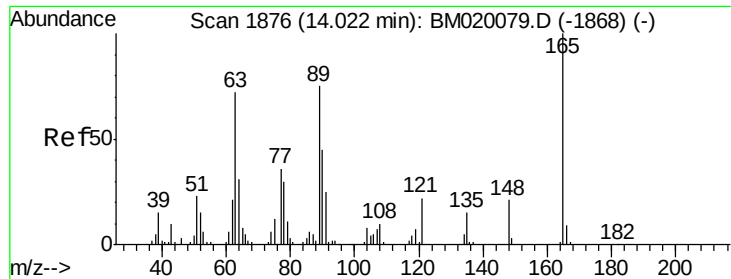
Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	163	Resp:	738816
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	9.8	8.4	12.6





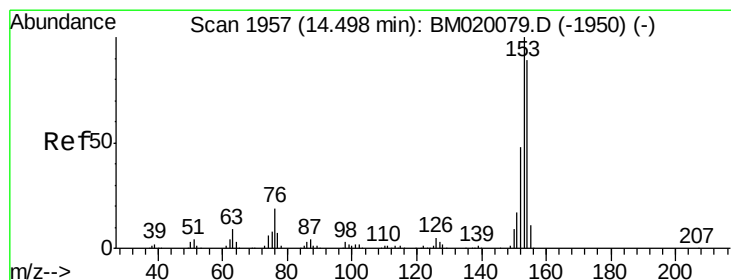
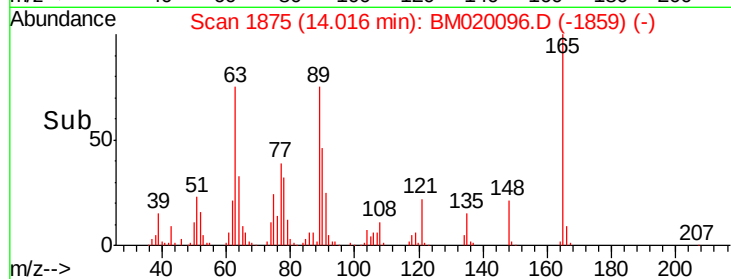
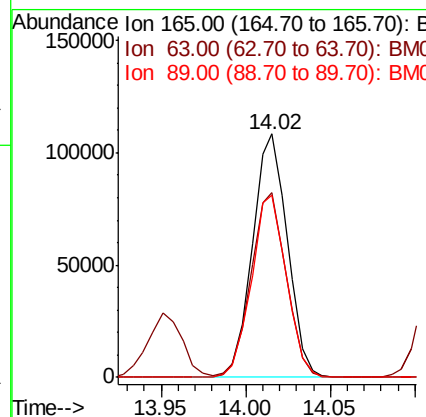
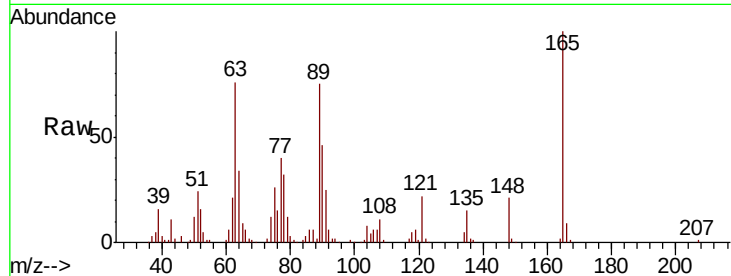
#51
 2,6-Dinitrotoluene
 Concen: 38.397 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155272		
63	75.8	60.3	90.5	
89	74.9	59.8	89.6	

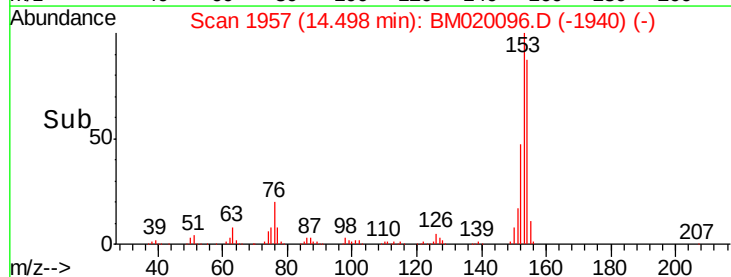
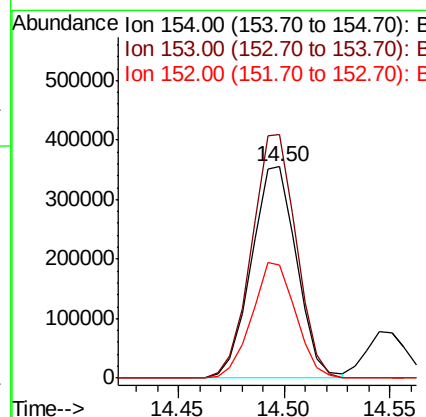
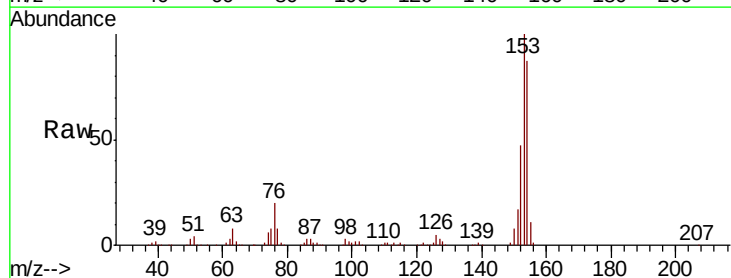
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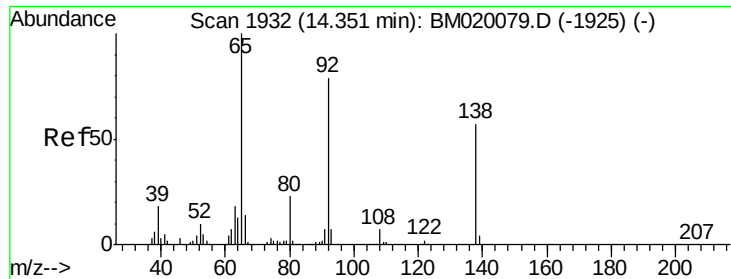
Sohil
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#52
 Acenaphthene
 Concen: 38.899 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529972		
153	115.1	90.2	135.2	
152	53.7	43.0	64.4	





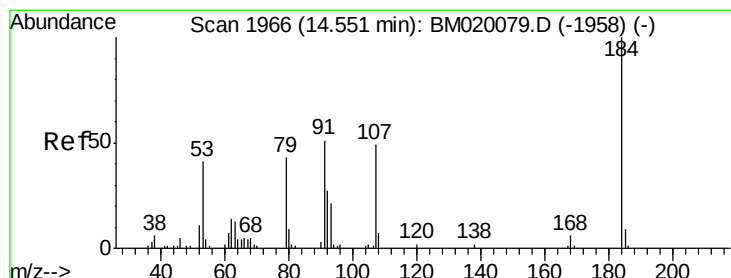
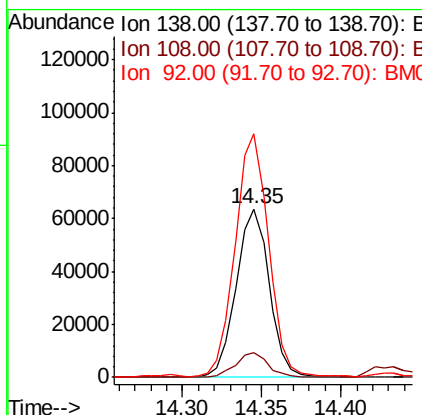
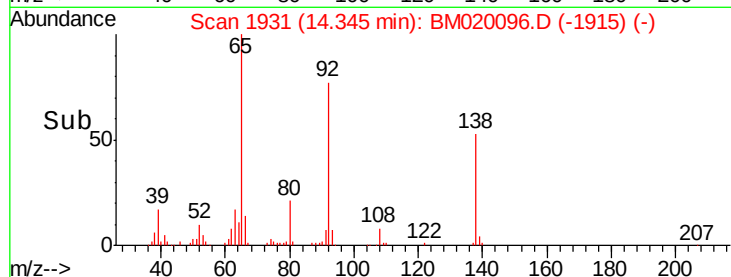
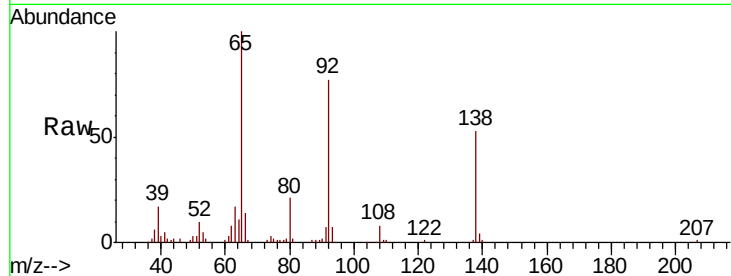
#53
3-Nitroaniline
Concen: 24.526 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.5	10.4	15.6
92	144.5	111.3	166.9

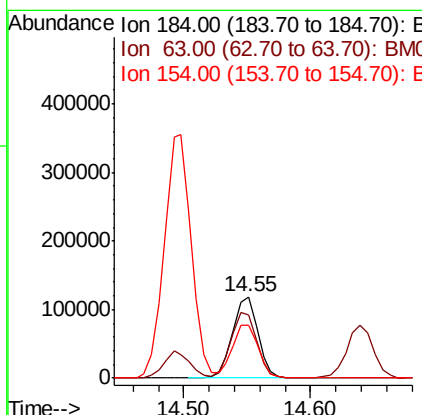
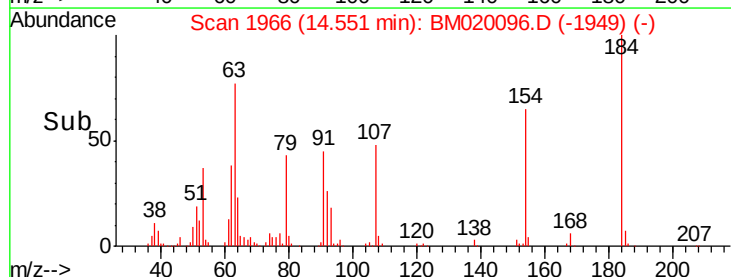
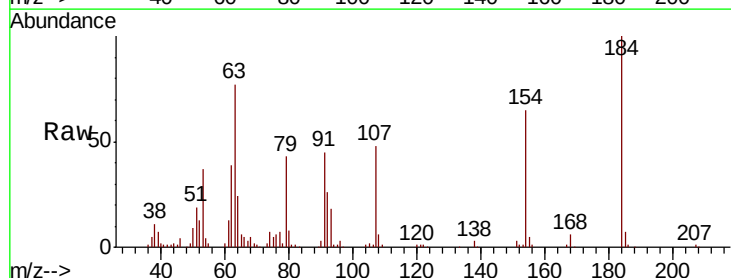
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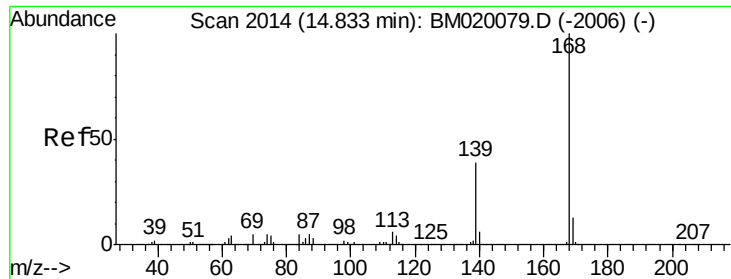
Sohil
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#54
2,4-Dinitrophenol
Concen: 81.252 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.4	68.9	103.3
154	64.5	54.4	81.6





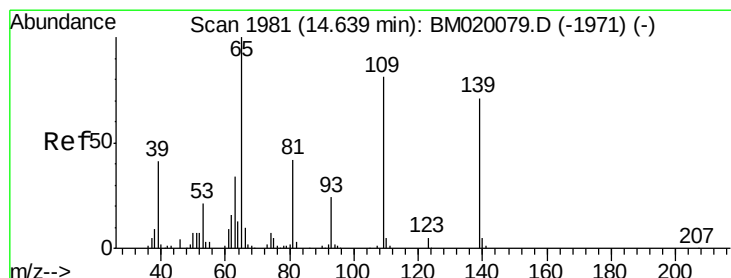
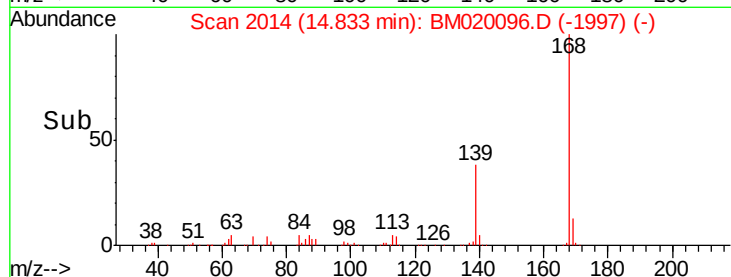
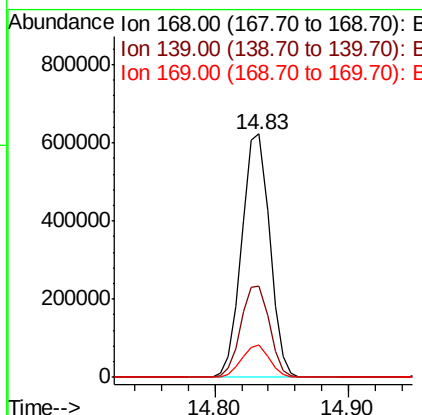
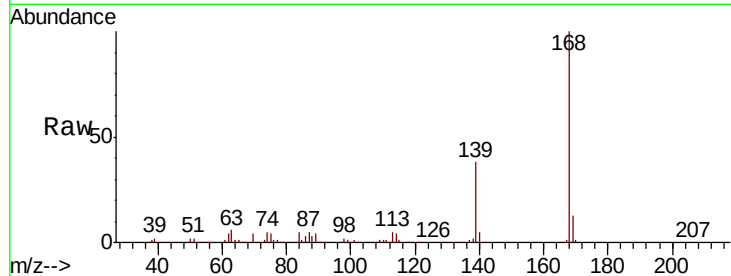
#55
Dibenzofuran
Concen: 39.225 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.4	10.6	16.0

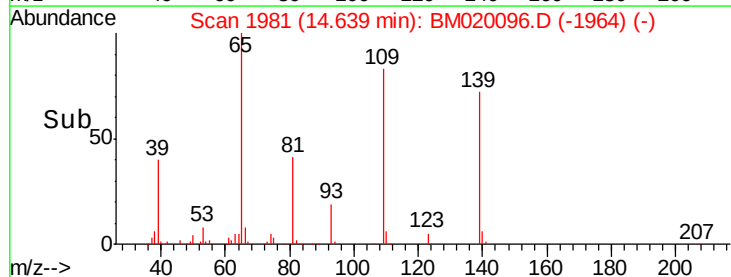
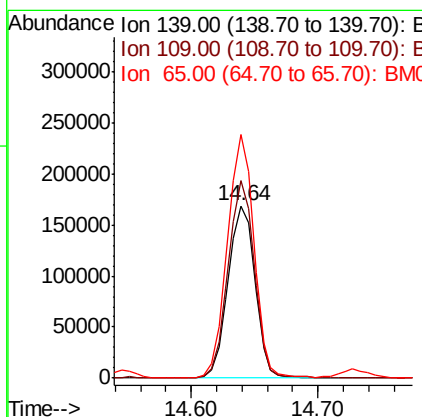
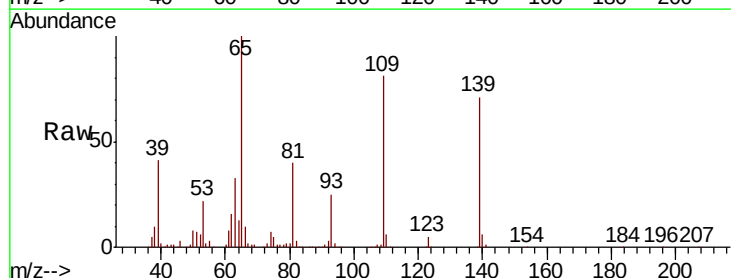
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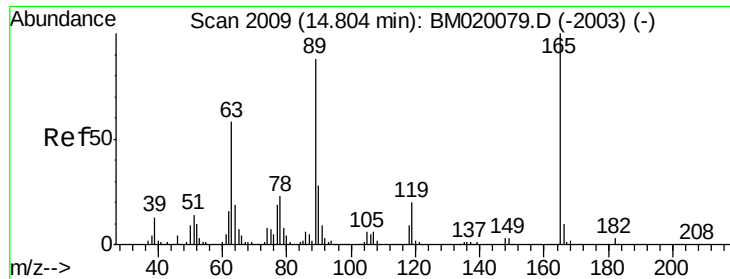
Sohil
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#56
4-Nitrophenol
Concen: 78.063 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.6	94.1	134.1
65	141.4	120.9	160.9





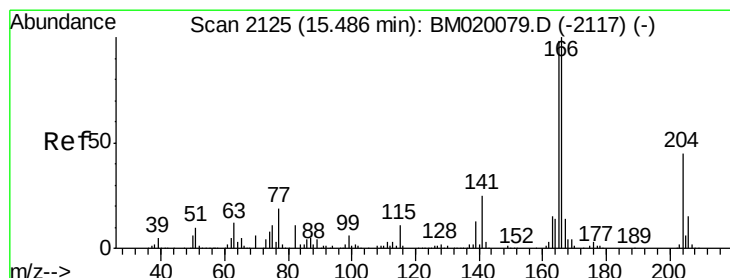
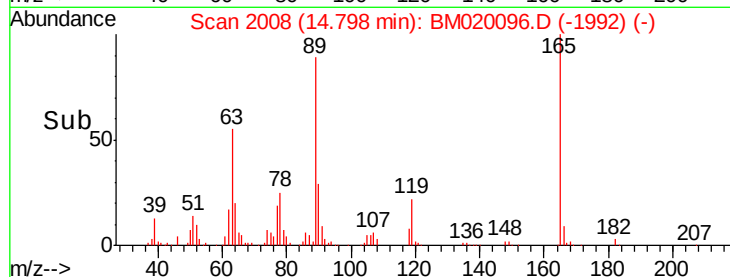
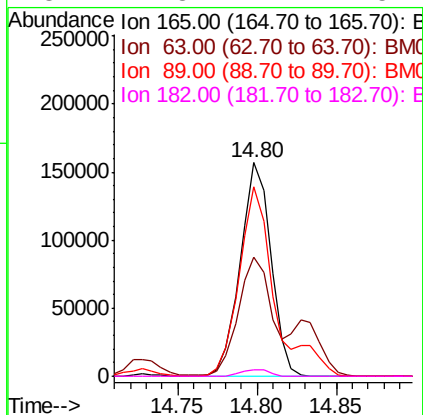
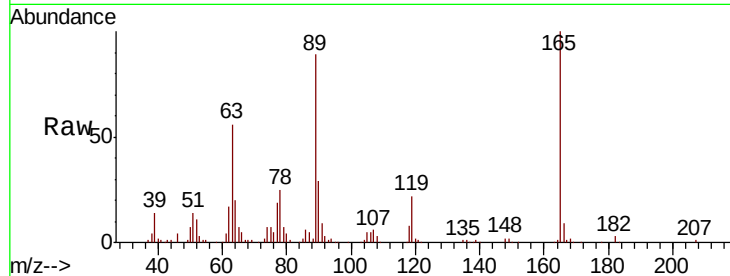
#57
2,4-Dinitrotoluene
Concen: 38.440 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211222		
63	56.0	46.2	69.2	
89	88.5	70.6	105.8	
182	2.8	2.2	3.2	

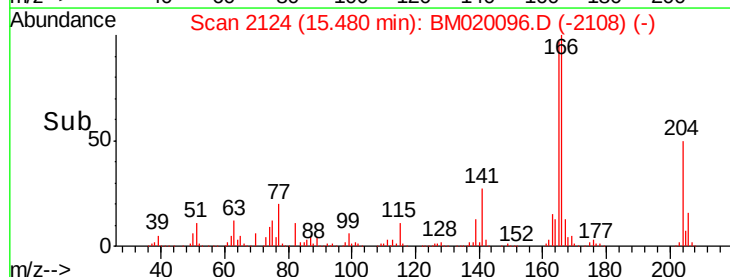
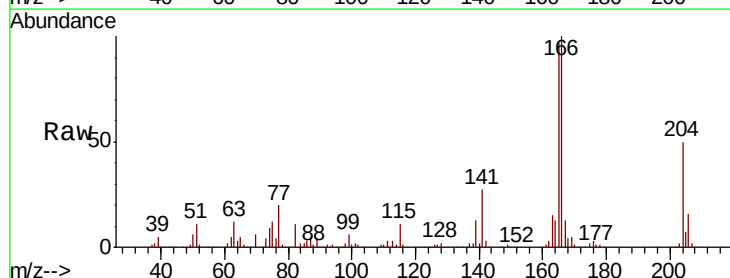
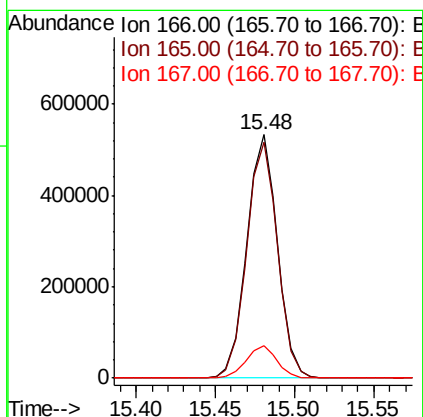
Manual Integrations
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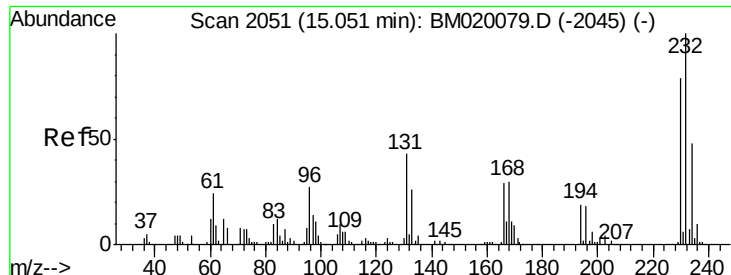
Sohil
5/2/2019 4:55:27 PM



#58
Fluorene
Concen: 37.780 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	713067		
165	96.8	78.2	117.2	
167	13.4	11.0	16.4	





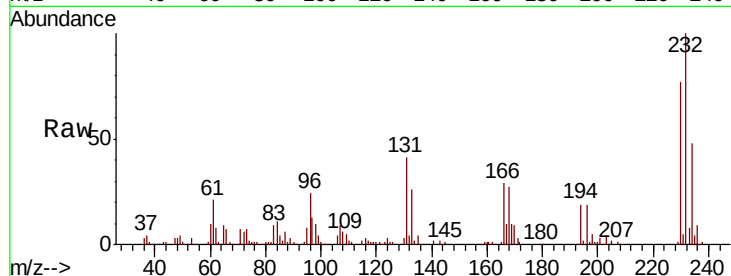
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.076 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion:	232	Resp:	219030
Ion Ratio	Lower	Upper	
232	100		
131	40.7	34.2	51.4
130	2.6	2.0	3.0
166	29.6	23.8	35.8

Manual Integrations
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 5/2/2019 4:55:27 PM



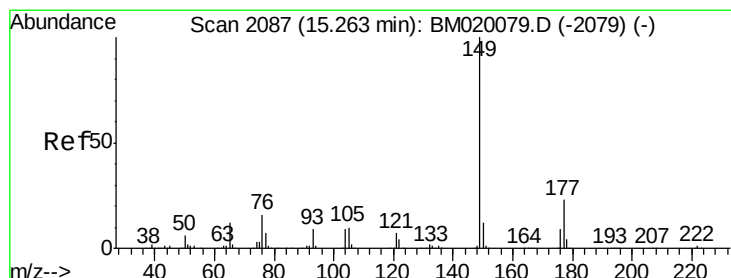
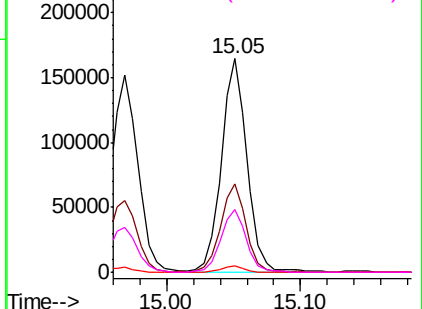
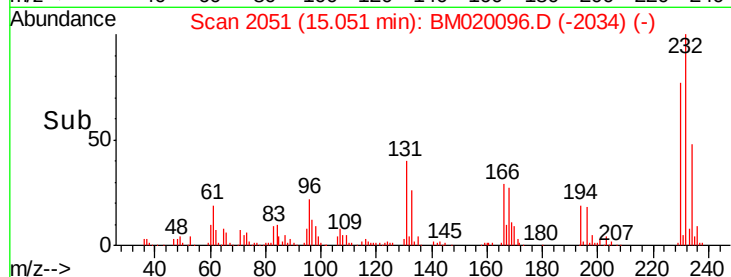
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

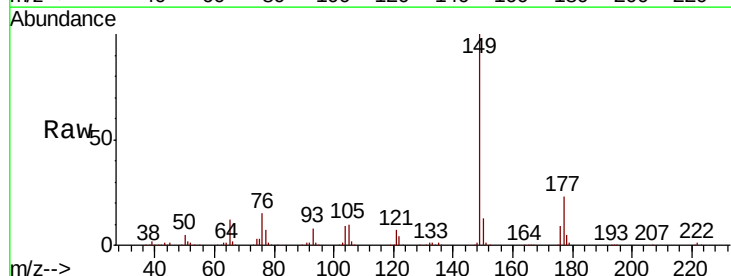
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.211 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:	149	Resp:	719774
Ion Ratio	Lower	Upper	
149	100		
177	23.1	18.2	27.4
150	12.8	9.9	14.9

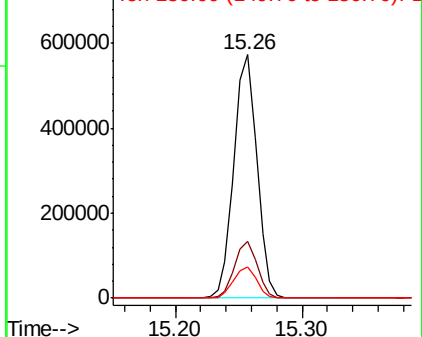
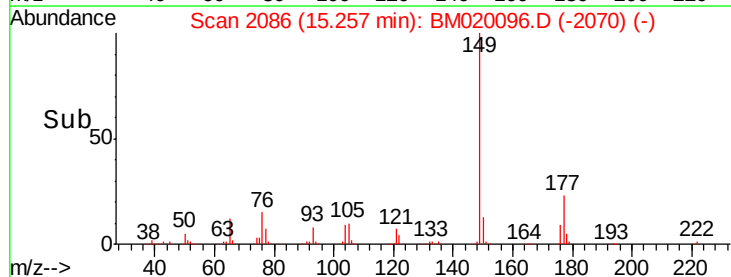


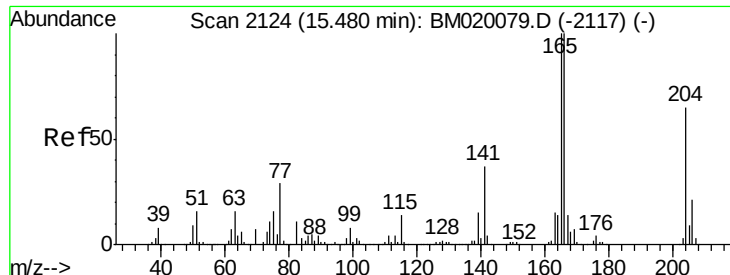
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





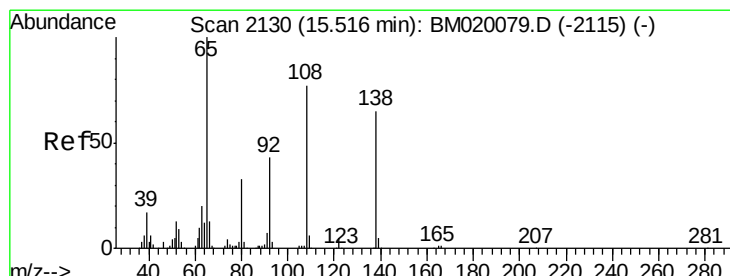
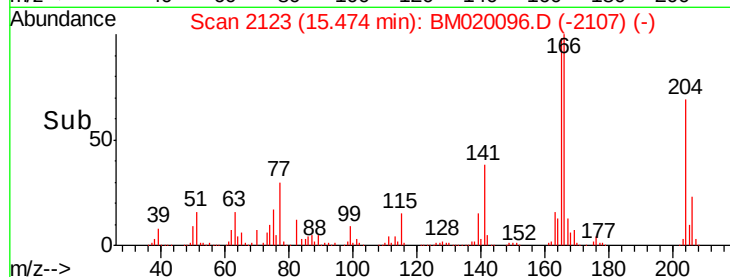
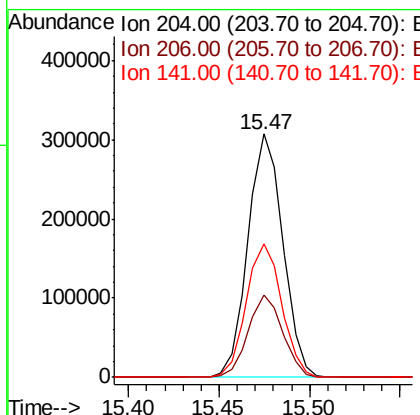
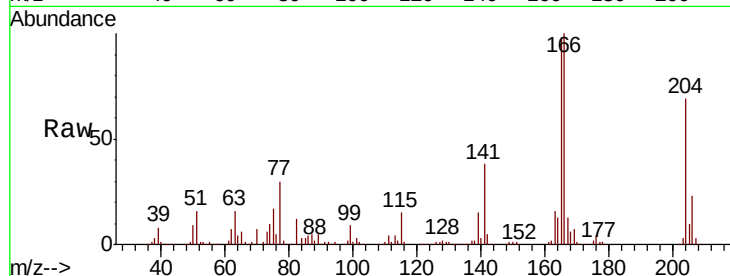
#61
4-Chlorophenyl-phenylether
Concen: 38.465 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.6	38.4
141	54.8	46.1	69.1

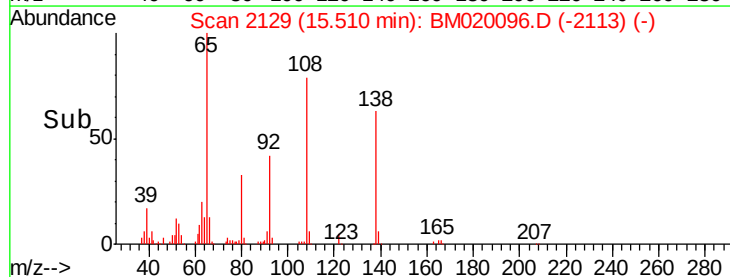
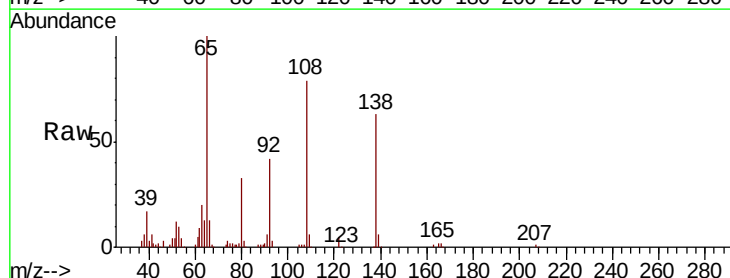
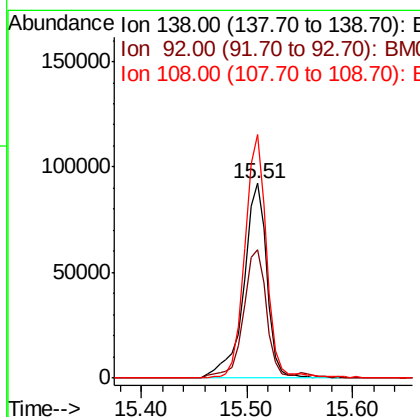
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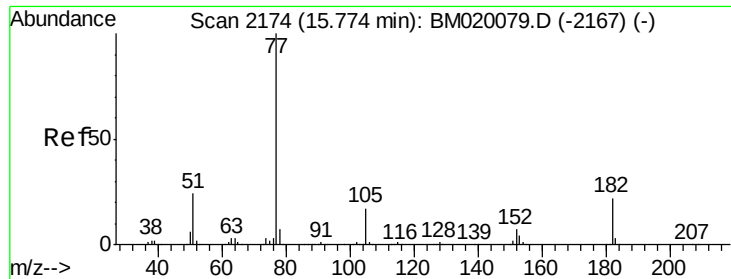
Sohil
5/2/2019 4:55:27 PM



#62
4-Nitroaniline
Concen: 34.044 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.9	45.9	85.9
108	125.1	97.7	137.7





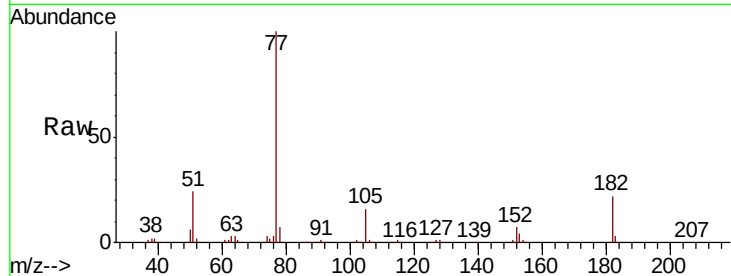
#63
Azobenzene
Concen: 37.039 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.8	2.1	42.1		
105	16.1	0.0	36.8		
51	23.9	3.8	43.8		

Manual Integrations
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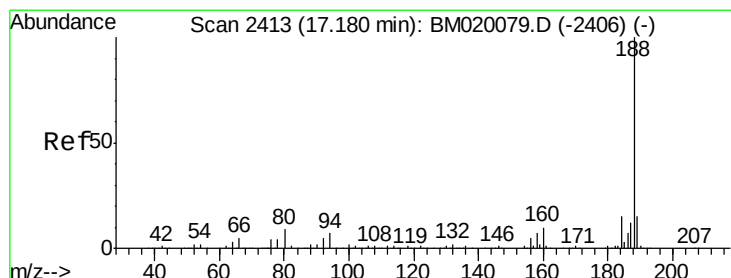
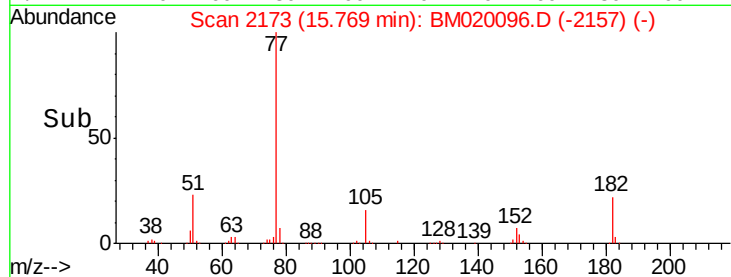
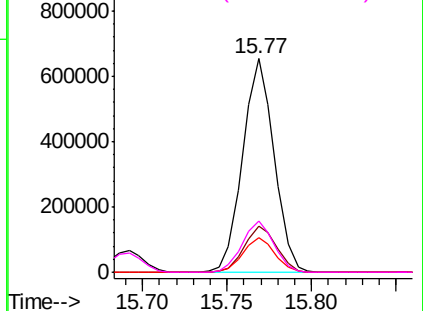


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

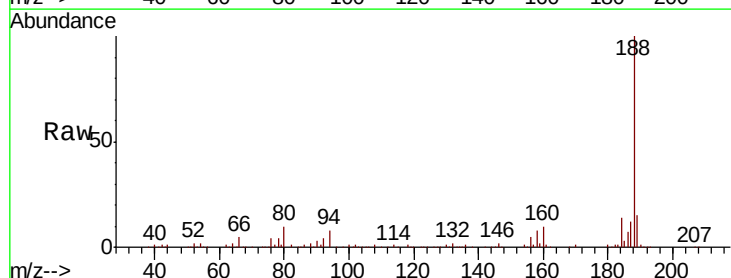
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

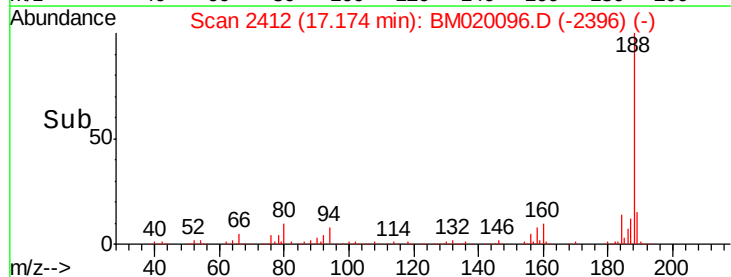
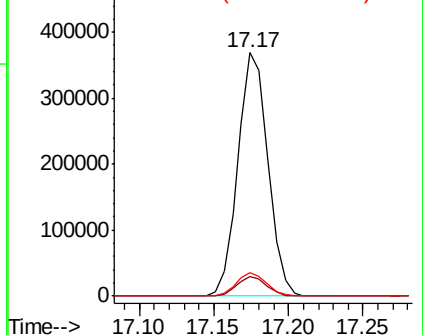
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.9	5.8	8.6		
80	9.7	7.4	11.2		

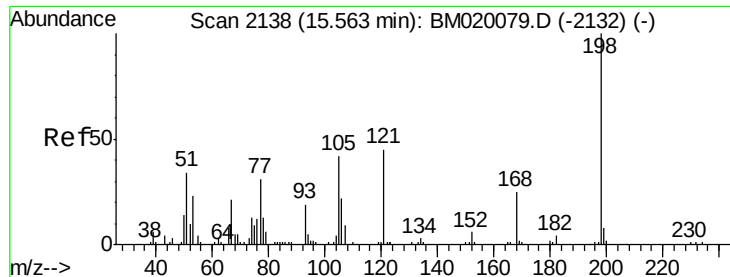


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





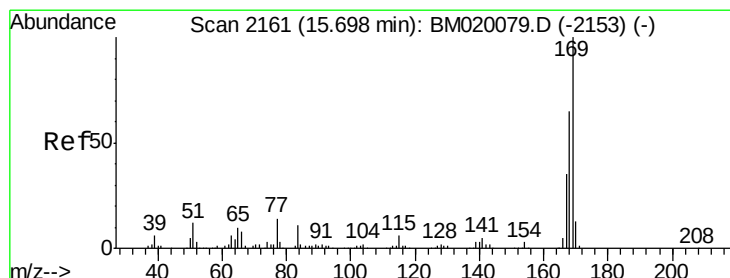
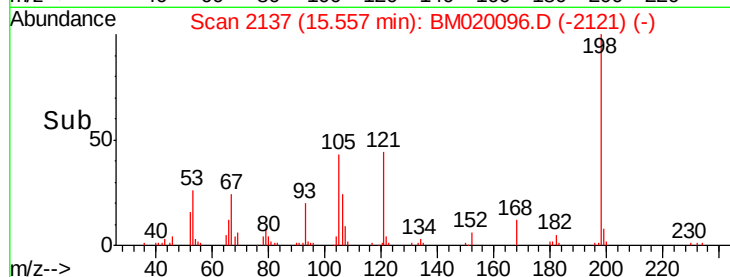
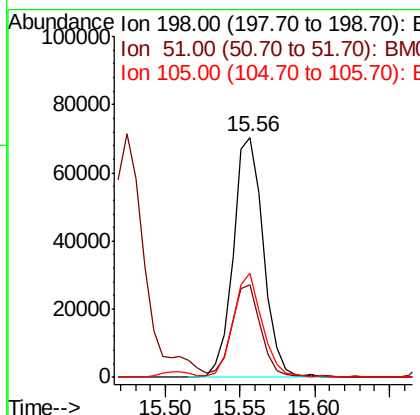
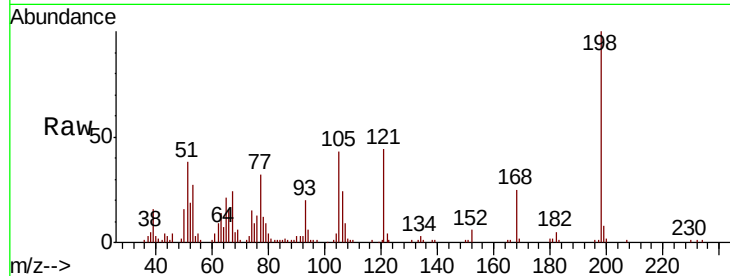
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.538 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.4	16.5	56.5
105	43.4	22.8	62.8

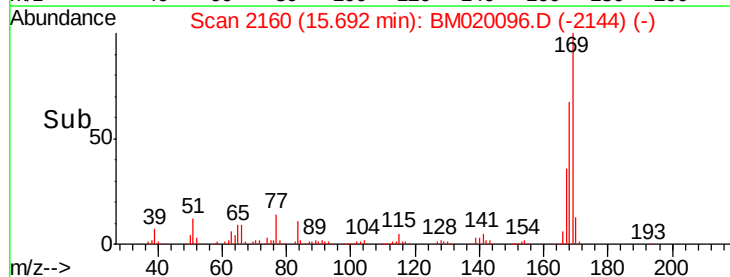
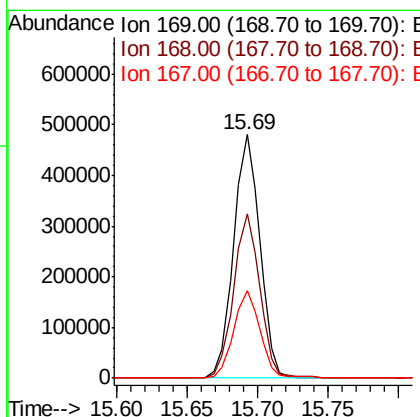
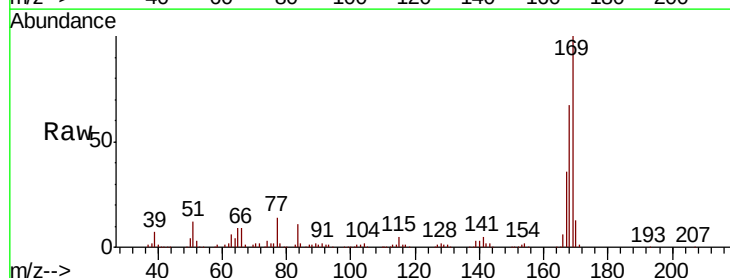
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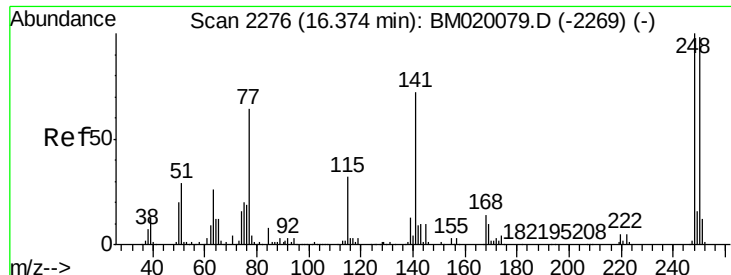
Sohil
 5/2/2019 4:55:27 PM



#66
 n-Nitrosodiphenylamine
 Concen: 40.901 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.9	77.9
167	35.7	27.8	41.6





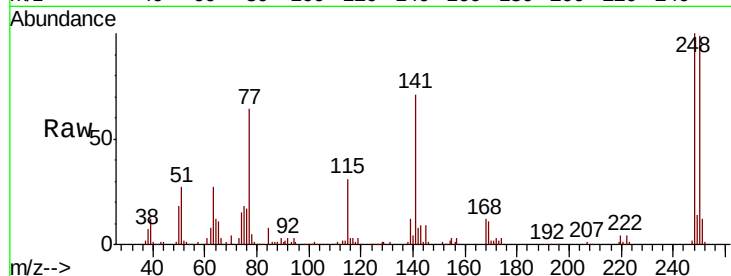
#67
4-Bromophenyl-phenylether
Concen: 39.676 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampled :
IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.4	117.6
141	71.0	57.4	86.2

Manual Integrations
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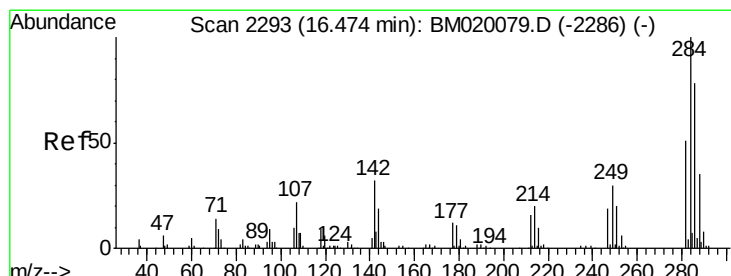
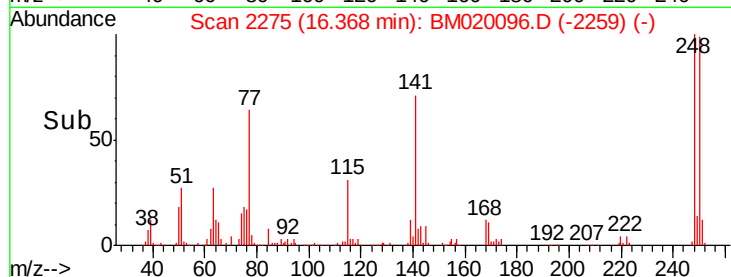
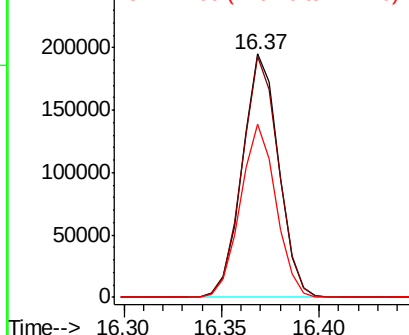


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.149 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

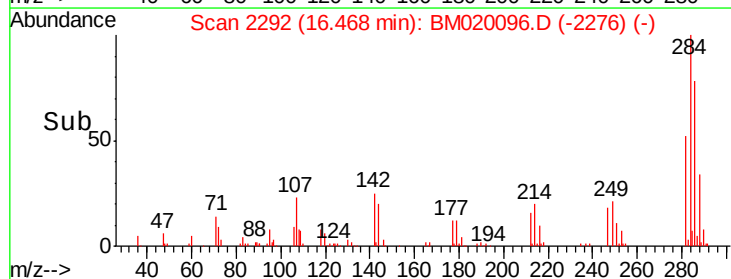
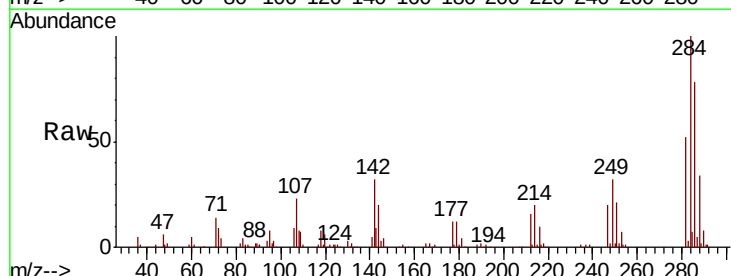
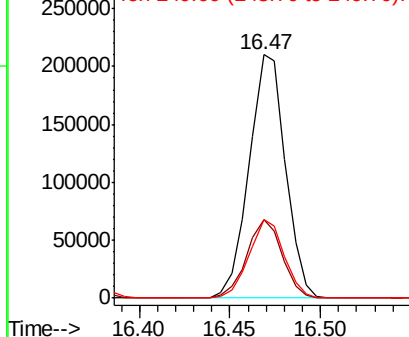
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.2	37.8
249	32.1	23.6	35.4

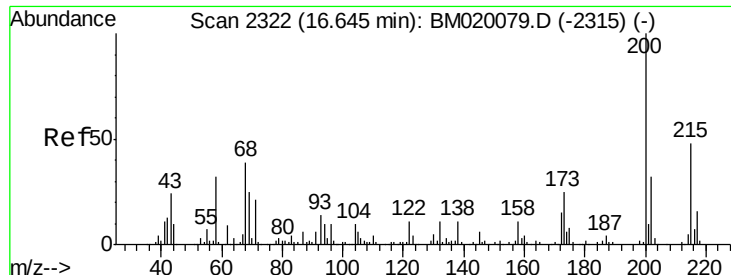
Abundance

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





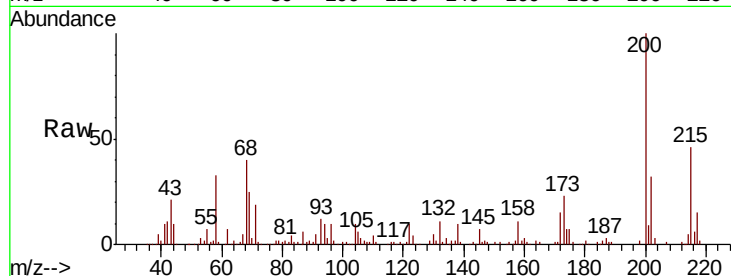
#69
 Atrazine
 Concen: 38.842 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampled :
 IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.6	44.6
215	46.3	28.0	68.0

Manual Integrations
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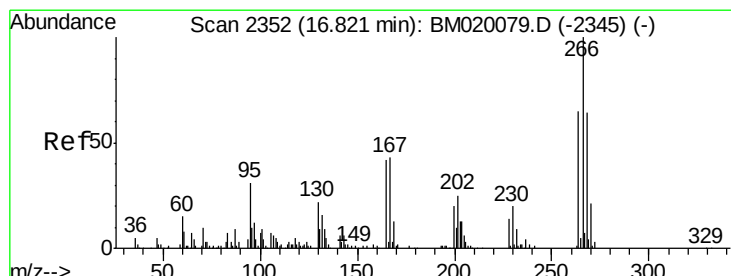
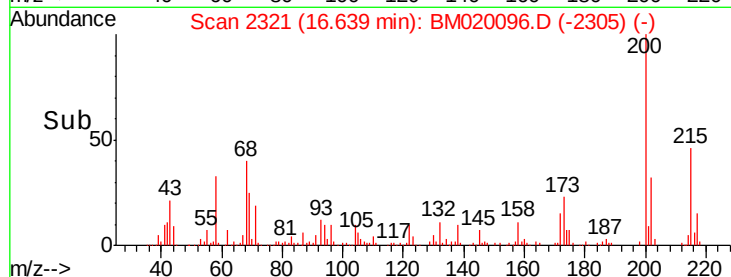
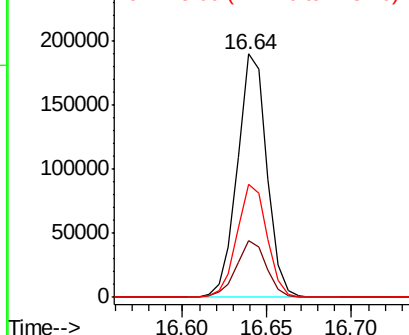


Abundance

Ion 200.00 (199.70 to 200.70): E

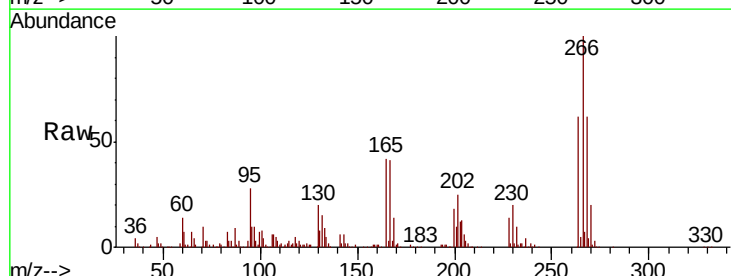
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 84.206 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.4	77.0
264	61.7	52.0	78.0

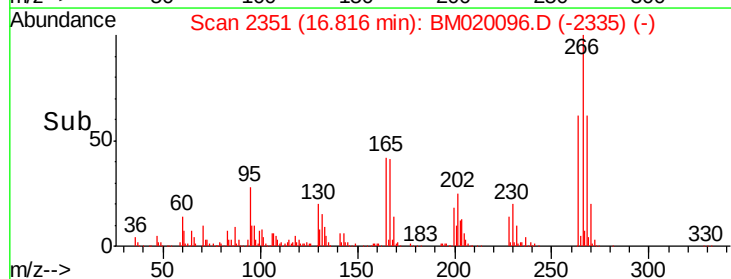
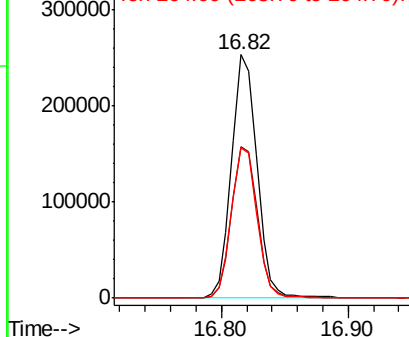


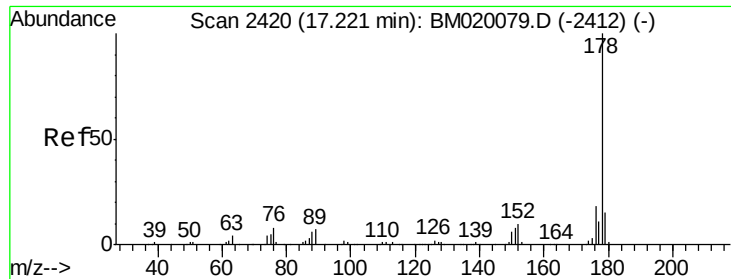
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





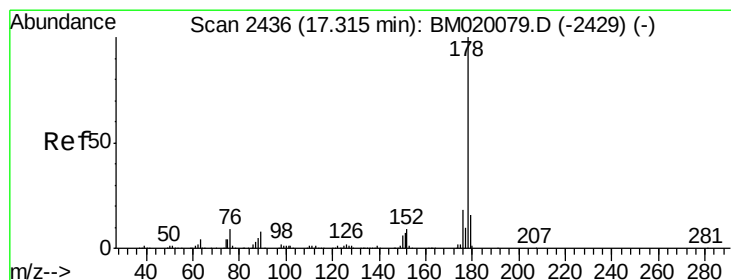
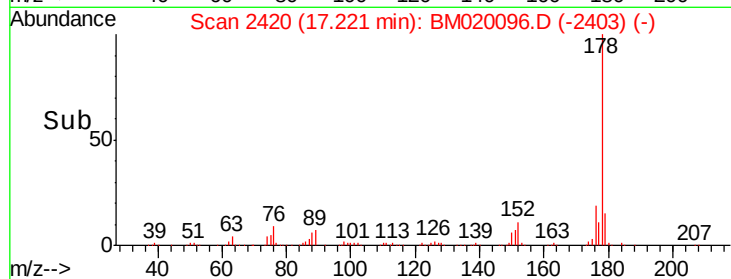
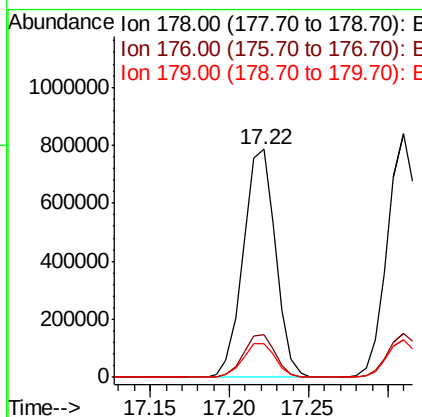
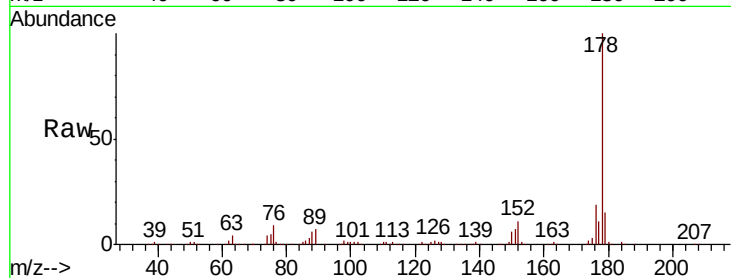
#71
Phenanthrene
Concen: 38.968 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion:178 Resp: 1110624
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 14.8 12.4 18.6

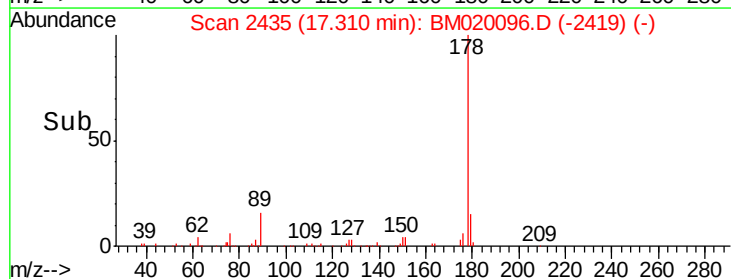
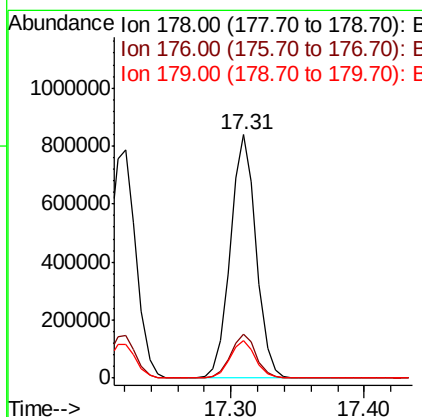
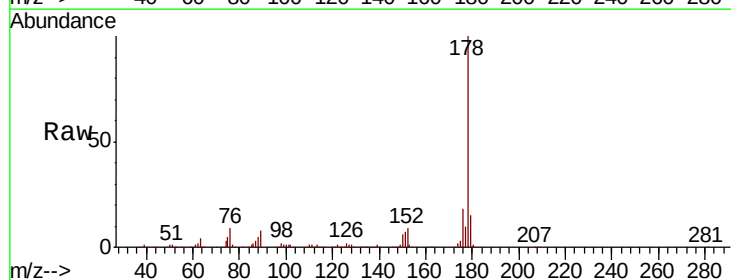
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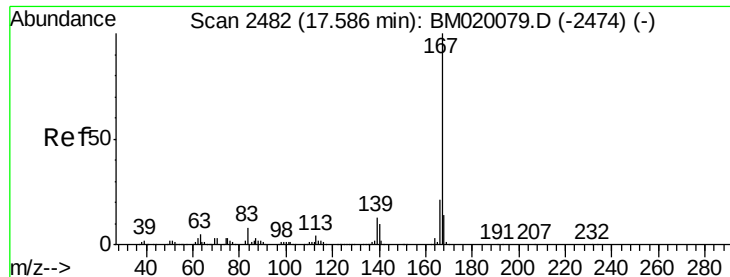
Sohil
5/2/2019 4:55:27 PM



#72
Anthracene
Concen: 39.636 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:178 Resp: 1129468
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.2 12.4 18.6





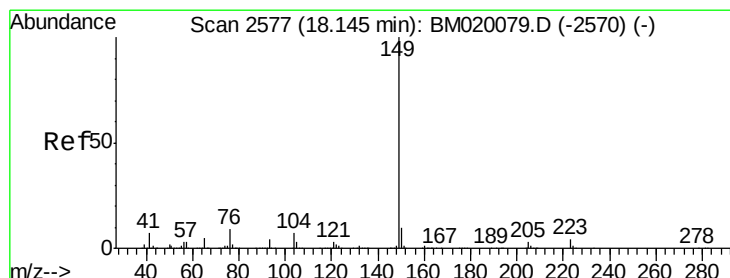
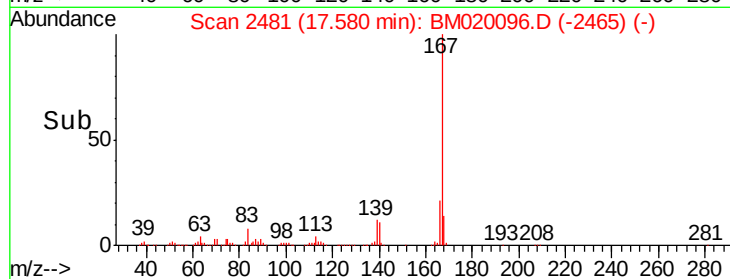
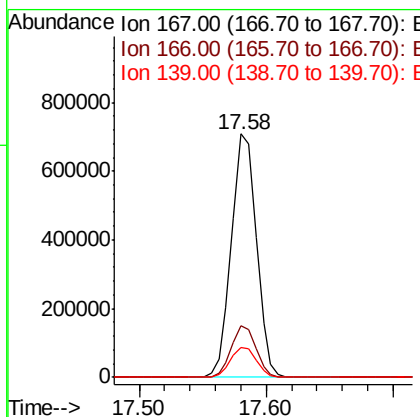
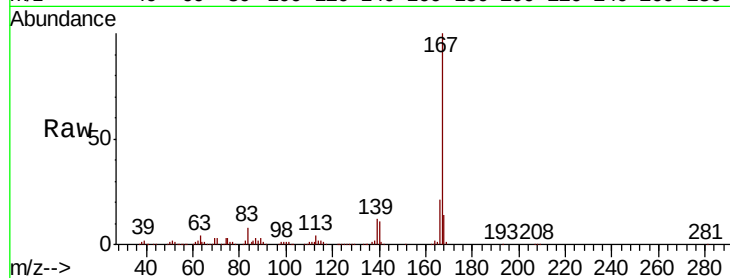
#73
 Carbazole
 Concen: 37.621 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP2

Tot Ion:	167	Resp:	967311
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.0	25.6
139	12.4	10.6	16.0

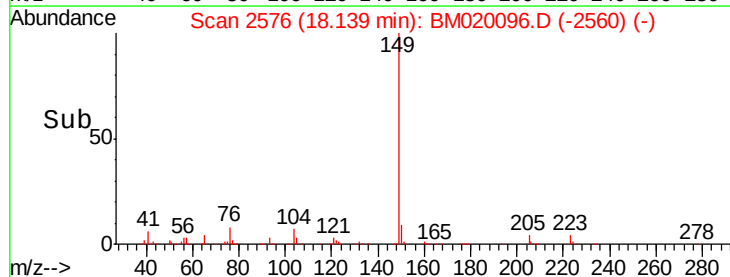
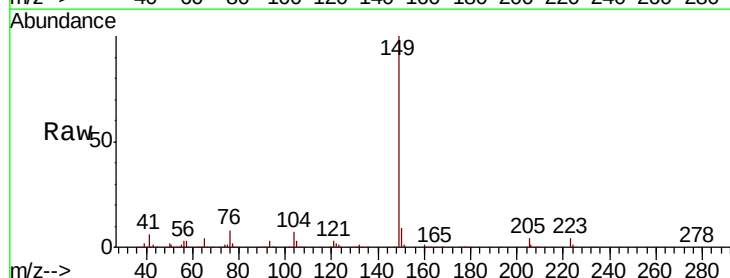
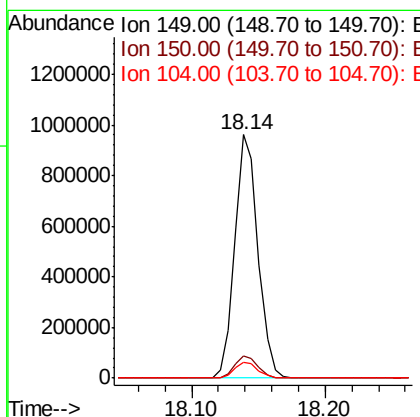
Manual Integrations
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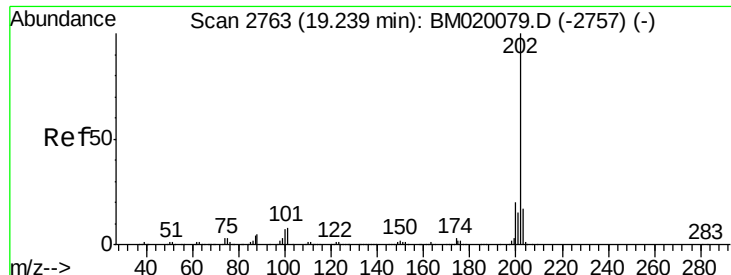
Sohil
 5/2/2019 4:55:27 PM



#74
 Di-n-butylphthalate
 Concen: 37.564 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:	149	Resp:	1162347
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	6.7	5.7	8.5





#75

Fluoranthene

Concen: 37.138 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

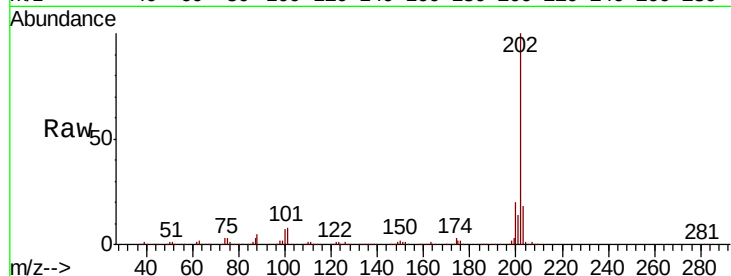
ClientSampleId :

IDOC SOIL-HP2

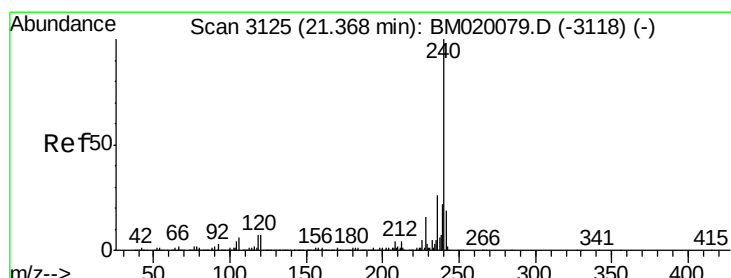
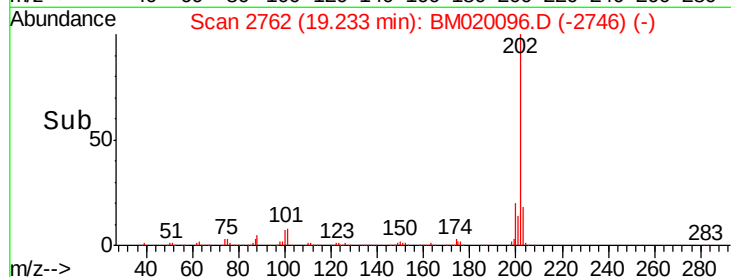
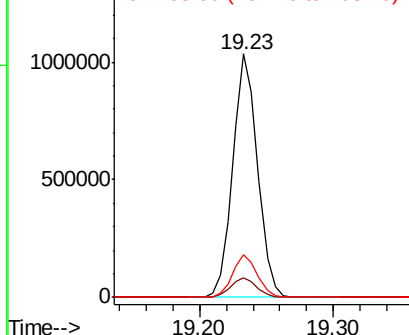
Tot Ion:	202	Resp:	1339251
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.4
203	17.6	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

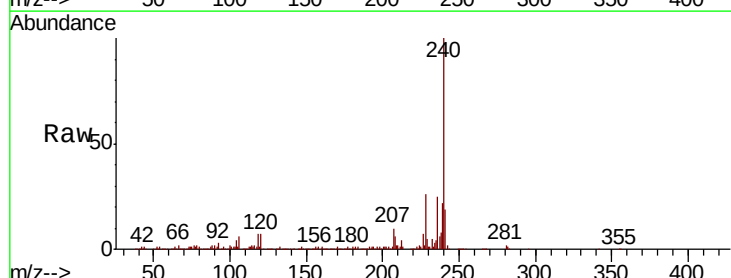
RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

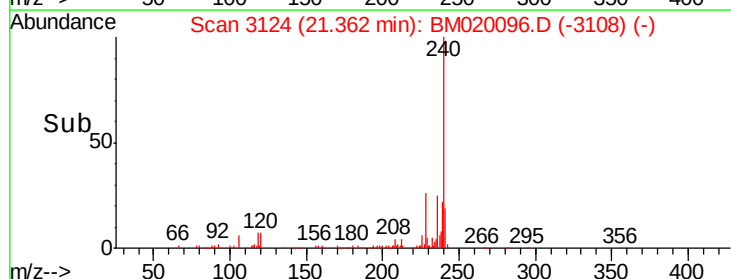
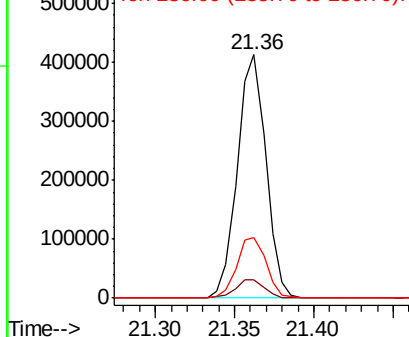
Lab File: BM020096.D

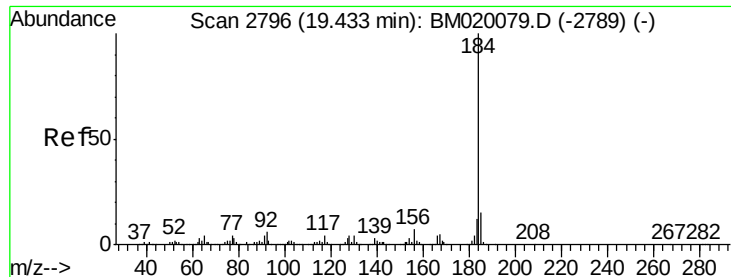
Acq: 01 May 2019 18:40

Tgt Ion:	240	Resp:	516908
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.6	8.4
236	24.7	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.103 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

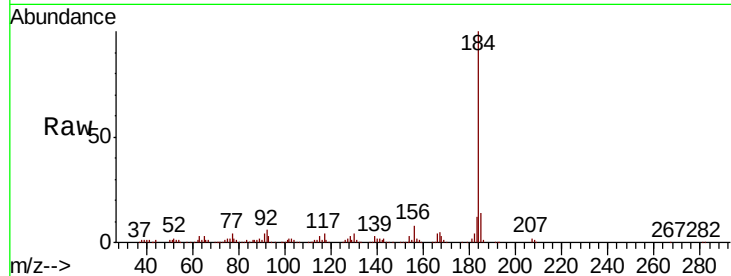
ClientSampleId :

IDOC SOIL-HP2

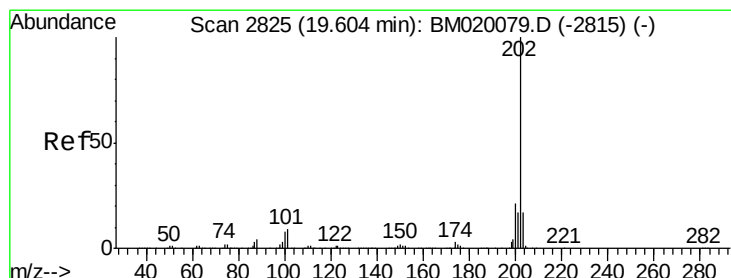
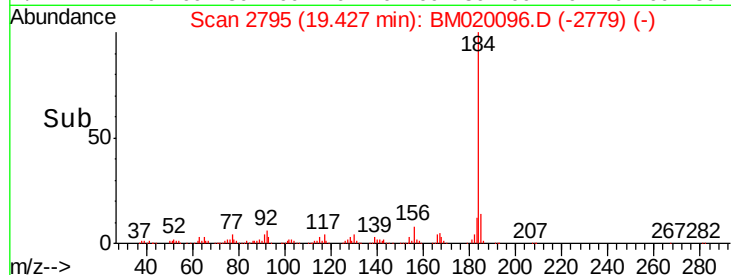
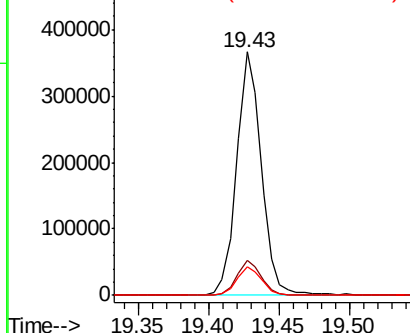
Tot Ion:	184	Resp:	447905
Ion Ratio		Lower	Upper
184	100		
185	14.1	12.0	18.0
183	11.9	9.5	14.3

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.533 ng

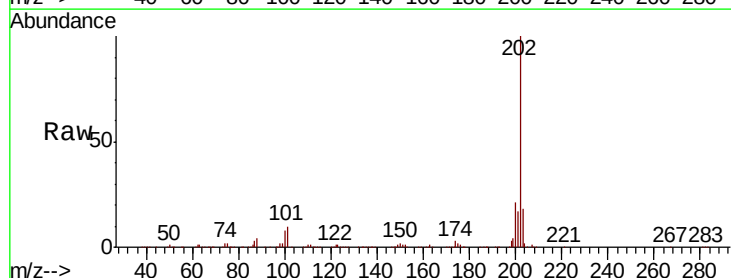
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

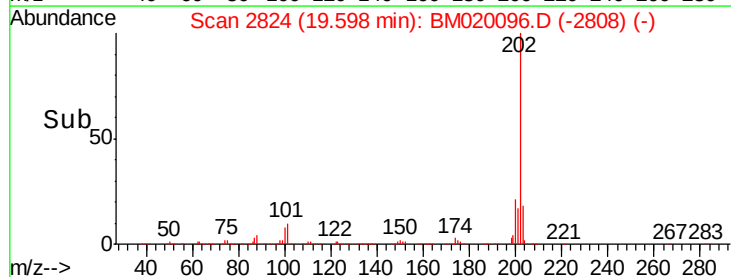
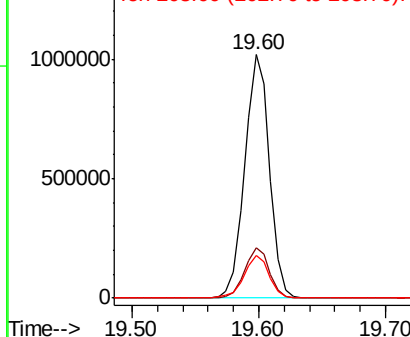
Lab File: BM020096.D

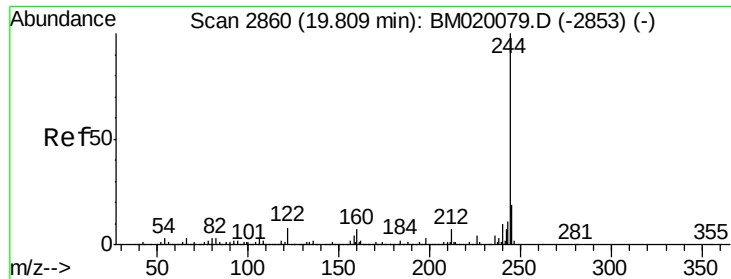
Acq: 01 May 2019 18:40

Tgt Ion:	202	Resp:	1371966
Ion Ratio		Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





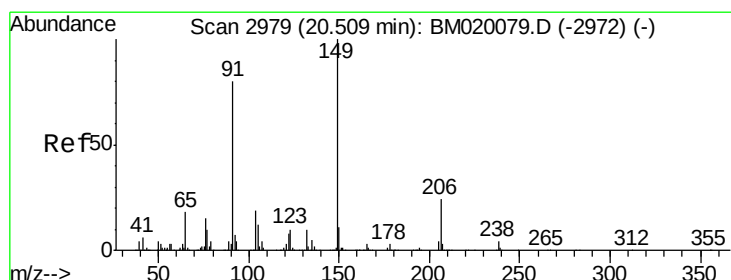
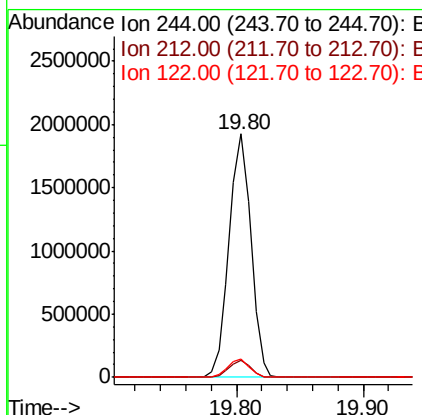
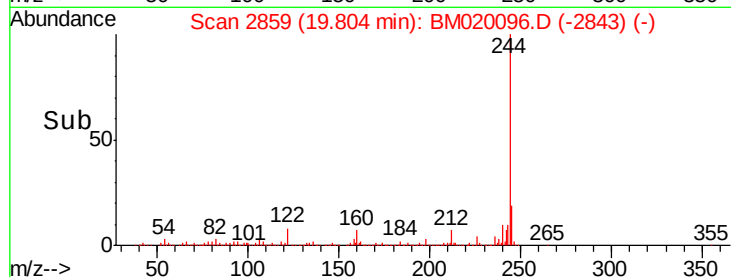
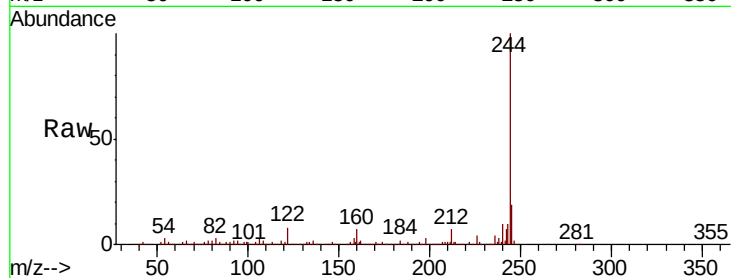
#79
 Terphenyl-d14
 Concen: 77.404 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	7.5	6.2	9.2

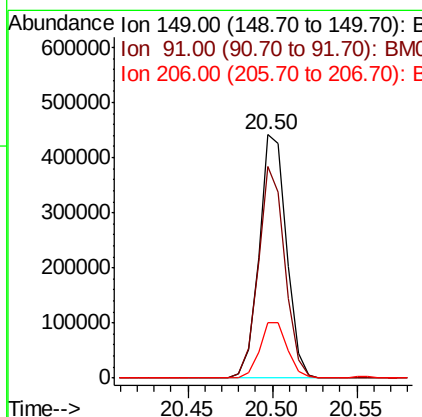
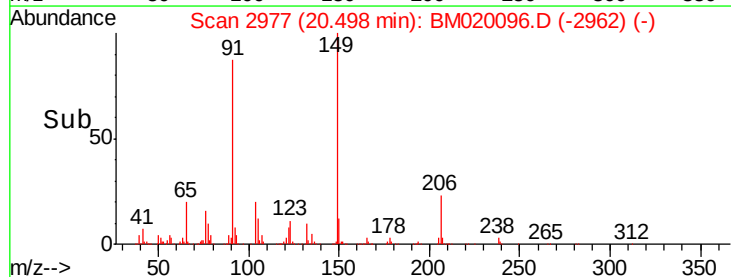
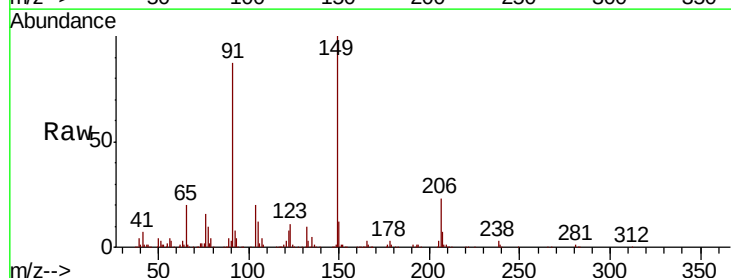
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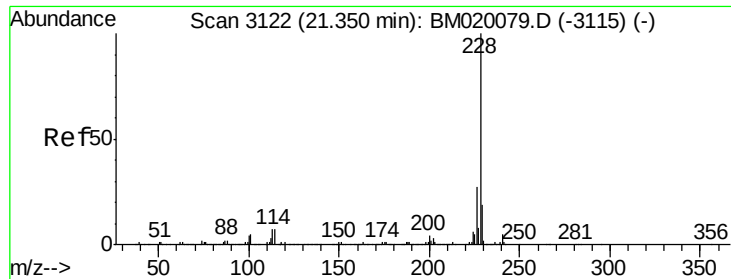
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#80
 Butylbenzylphthalate
 Concen: 39.253 ng
 RT: 20.50 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	87.1	63.8	95.8
206	22.8	18.9	28.3





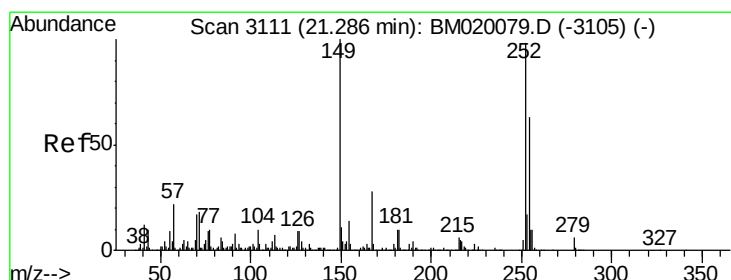
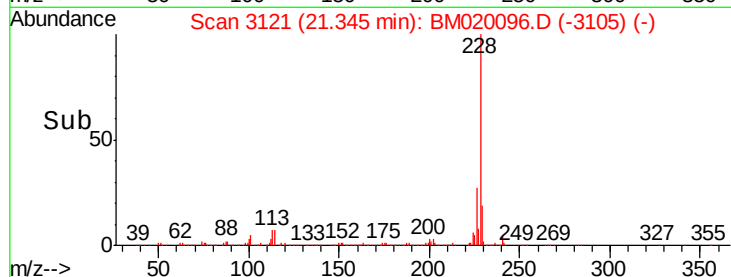
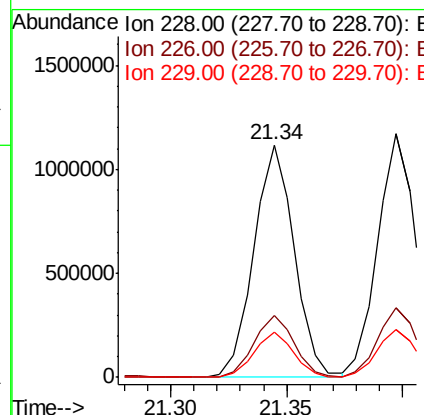
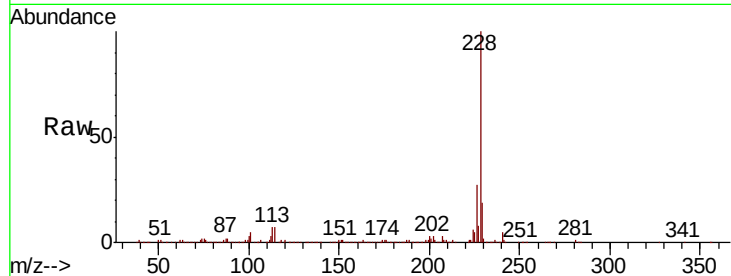
#81
Benzo(a)anthracene
Concen: 37.641 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	26.7	21.3	31.9	
229	19.4	15.5	23.3	

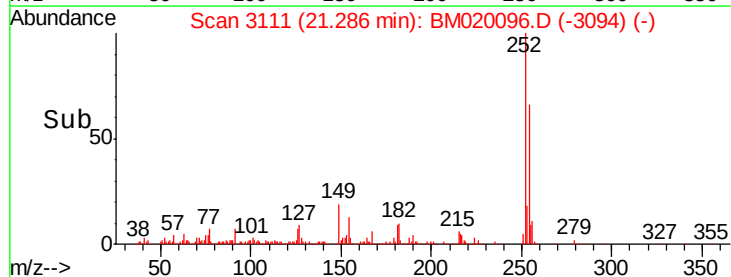
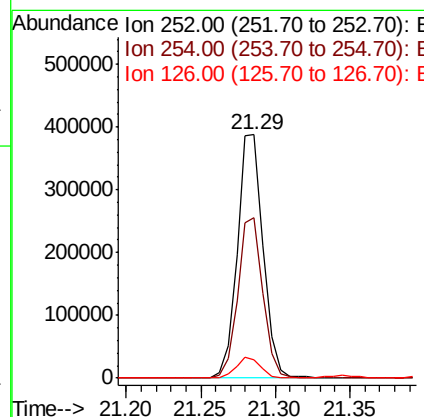
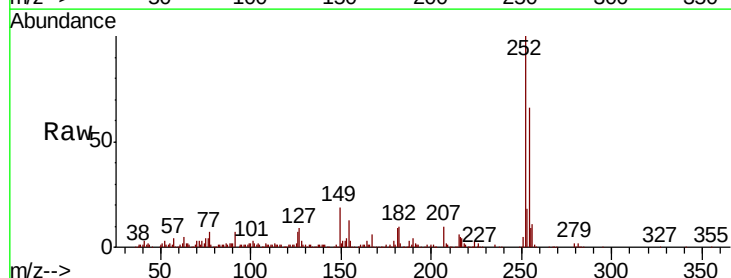
Manual Integrations
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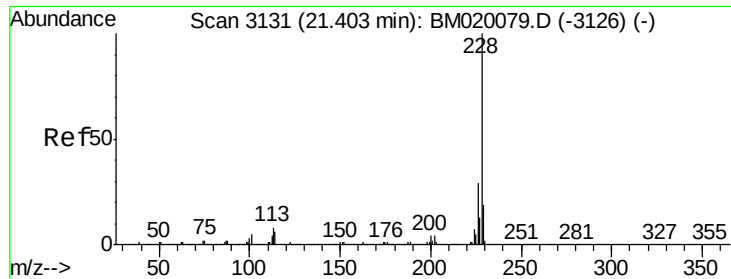
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#82
3,3'-Dichlorobenzidine
Concen: 33.904 ng
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	65.9	51.1	76.7	
126	7.4	7.1	10.7	





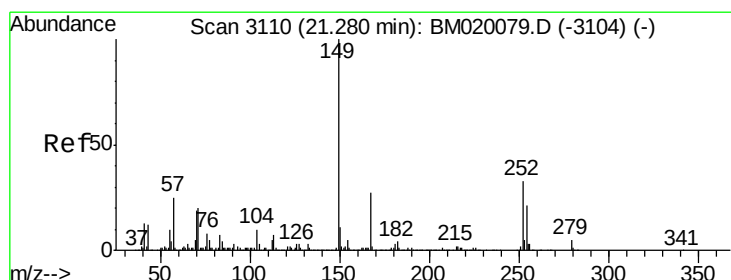
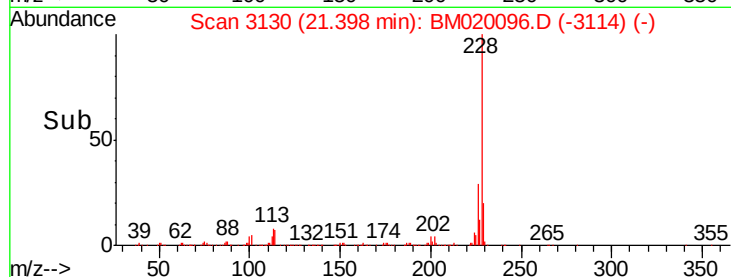
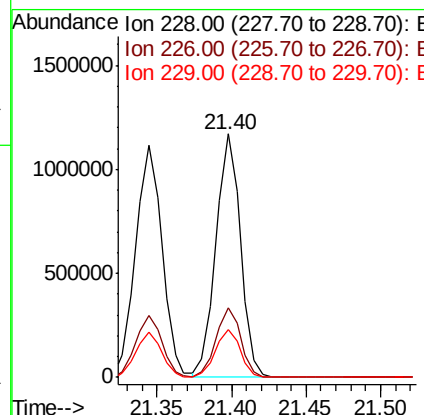
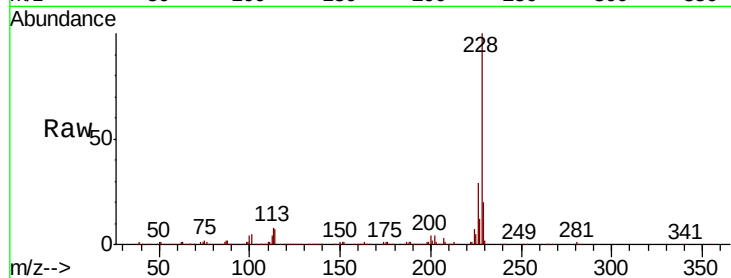
#83
 Chrysene
 Concen: 38.263 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP2

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.8	23.0	34.6	
229	19.7	15.5	23.3	

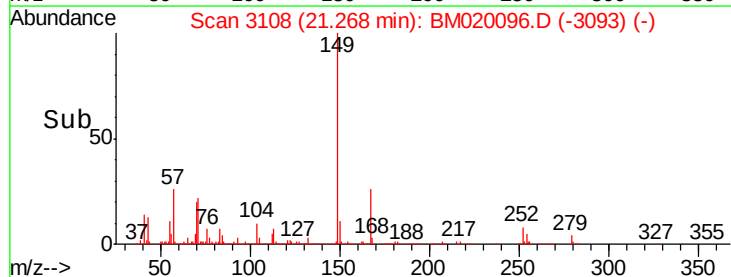
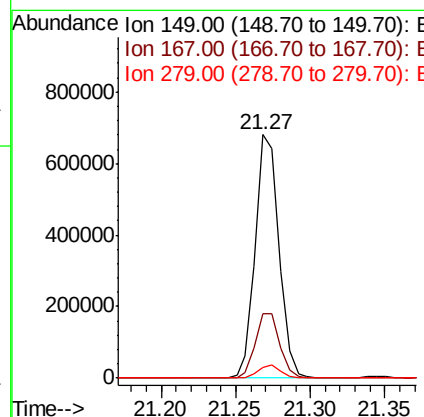
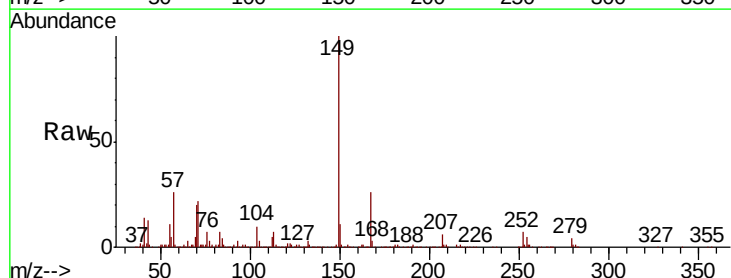
Manual Integrations
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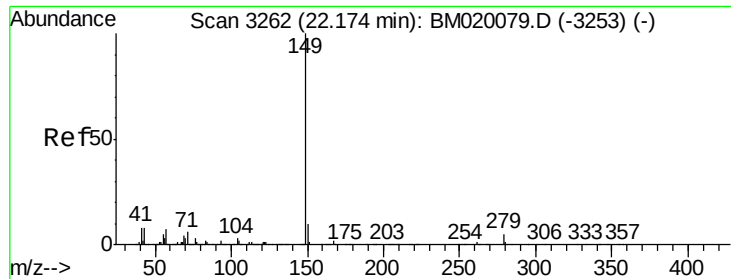
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.910 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	26.3	21.8	32.8	
279	4.5	4.2	6.2	





#85

Di-n-octyl phthalate

Concen: 38.565 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

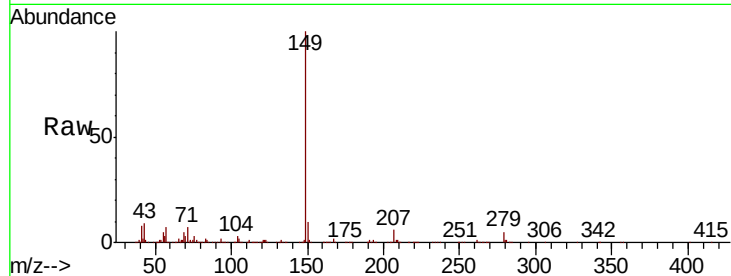
ClientSampleId :

IDOC SOIL-HP2

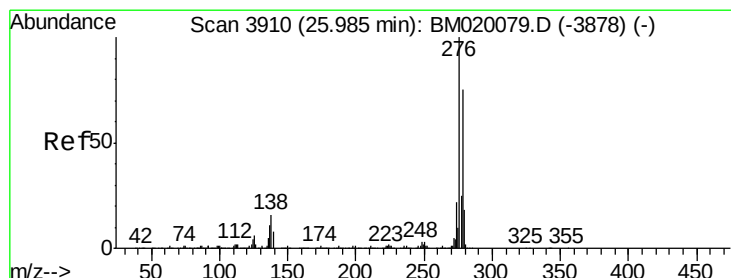
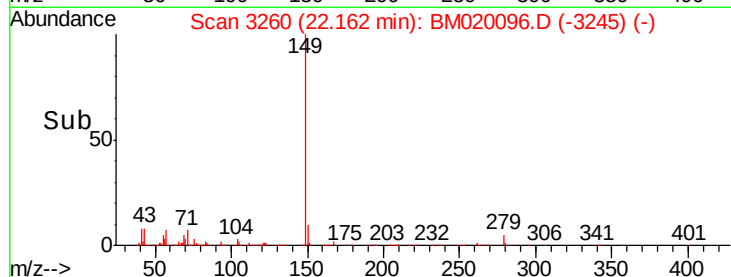
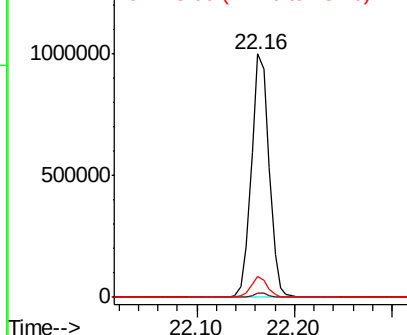
Tot Ion:	149	Resp:	1255252
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.1	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.179 ng

RT: 25.98 min Scan# 3909

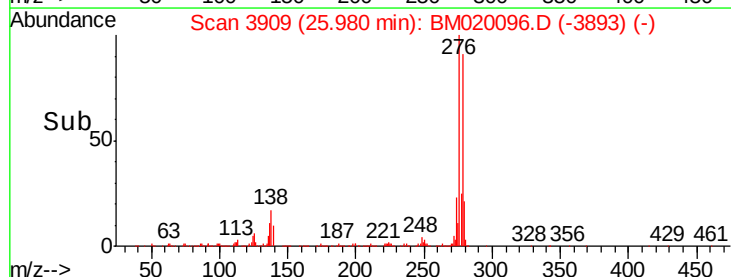
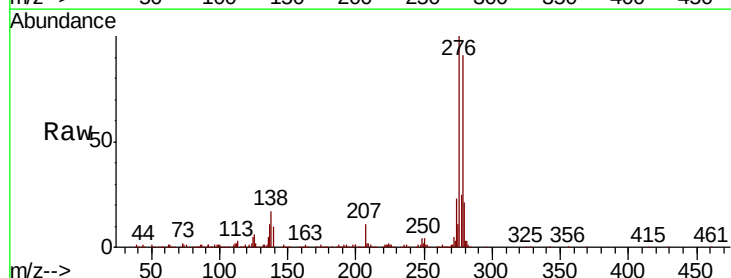
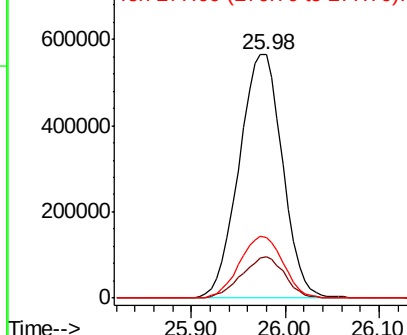
Delta R.T. -0.01 min

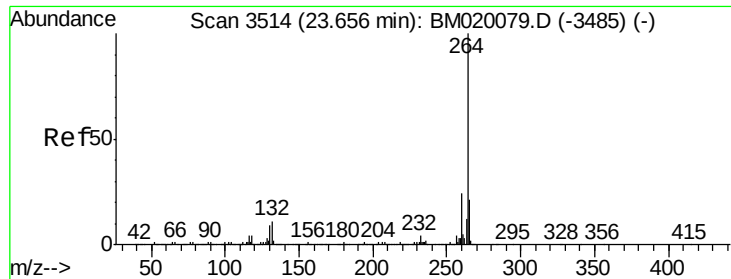
Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	276	Resp:	1805650
Ion	Ratio	Lower	Upper
276	100		
138	16.8	0.0	0.0#
277	25.5	0.0	0.0#

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

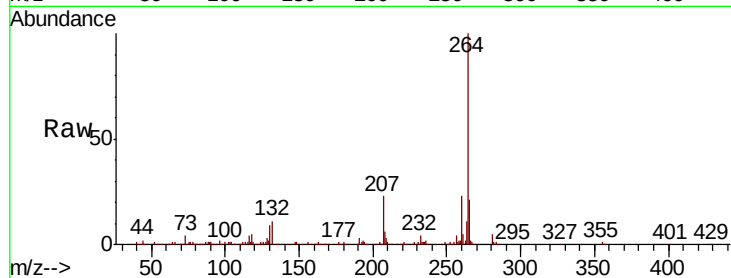
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	264	Resp:	507285
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	16.9	25.3

Manual Integrations
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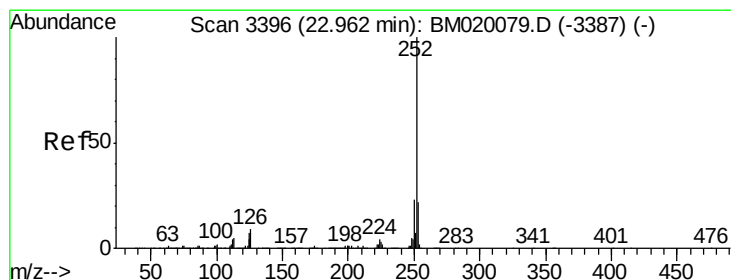
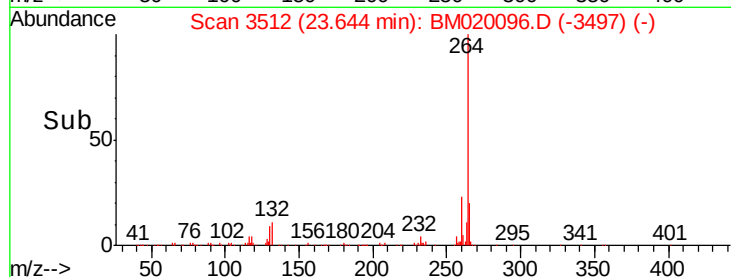
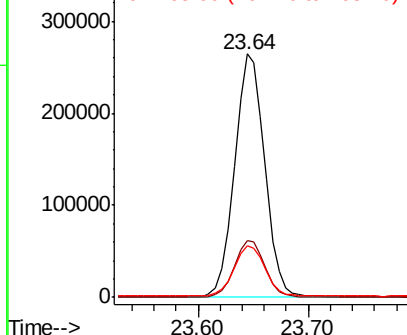


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.220 ng

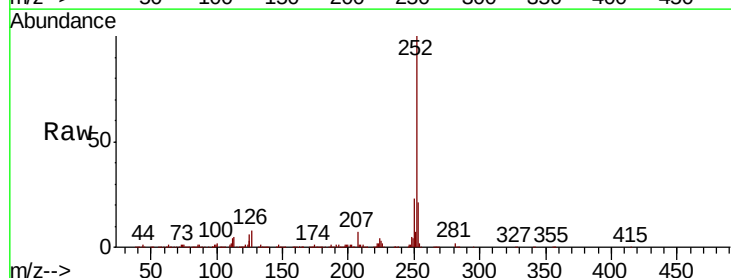
RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	252	Resp:	1514808
Ion Ratio		Lower	Upper
252	100		
253	21.4	17.5	26.3
125	6.4	5.4	8.2

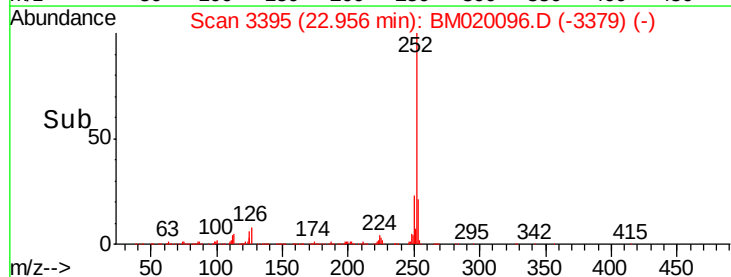
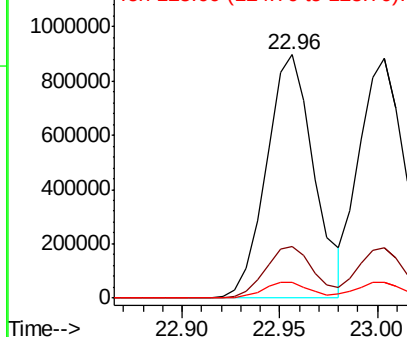


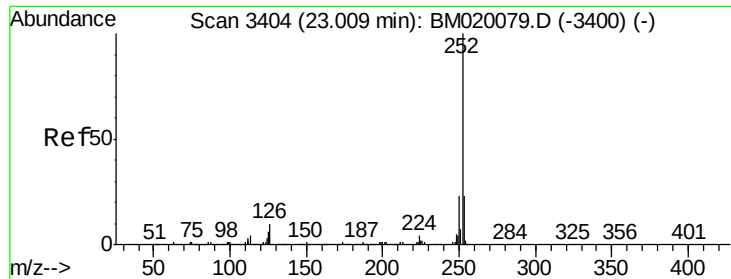
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.267 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

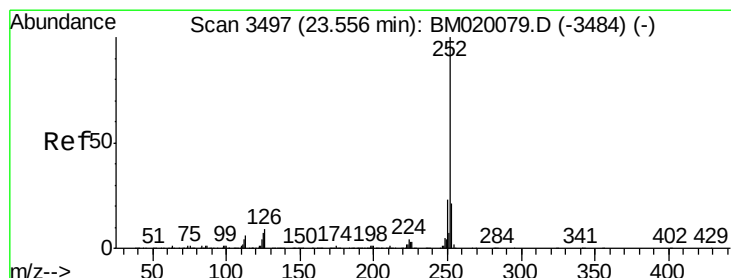
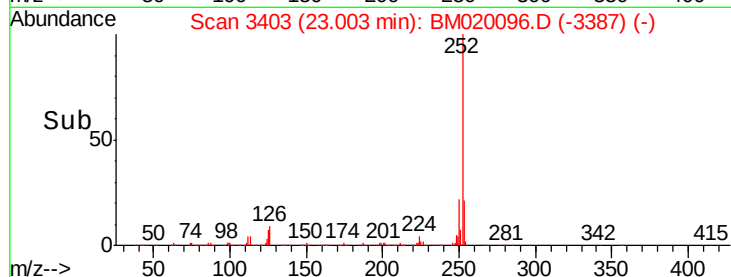
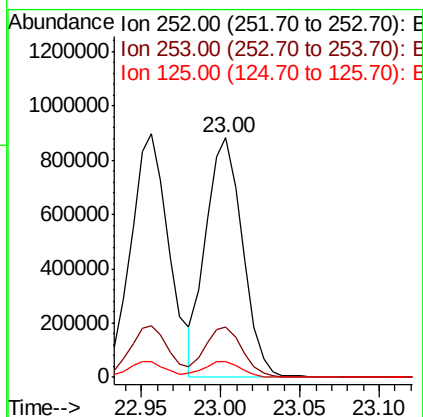
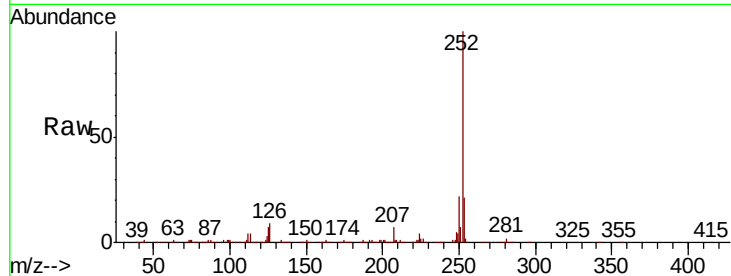
ClientSampleId :

IDOC SOIL-HP2

Tot Ion:	252	Resp:	1413781
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	6.7	5.4	8.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.818 ng

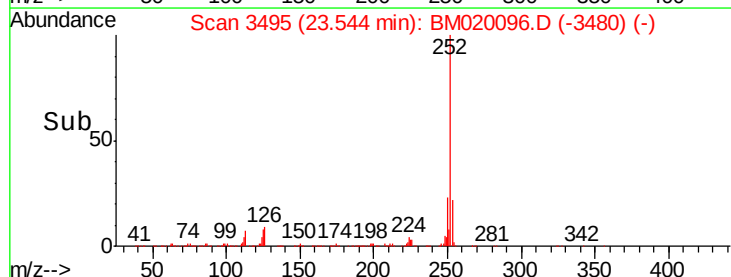
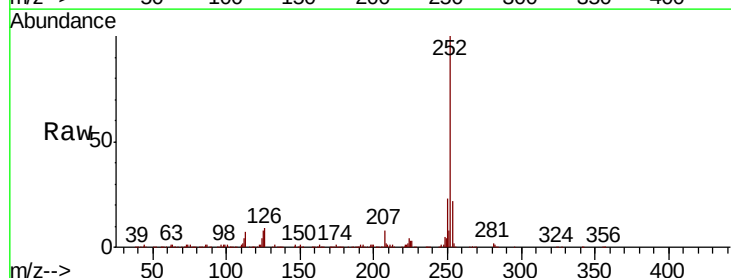
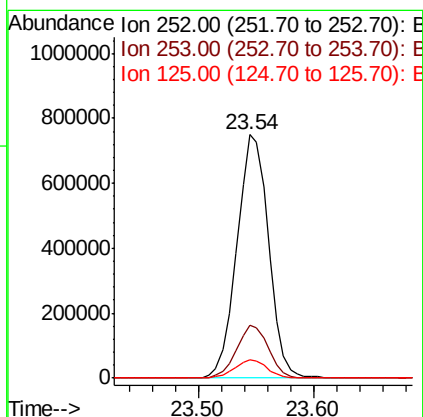
RT: 23.54 min Scan# 3495

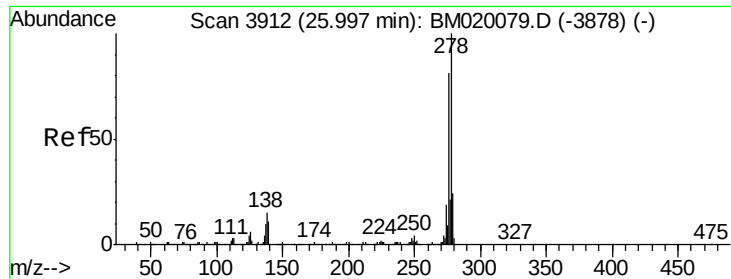
Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:	252	Resp:	1424559
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.7	5.5	8.3





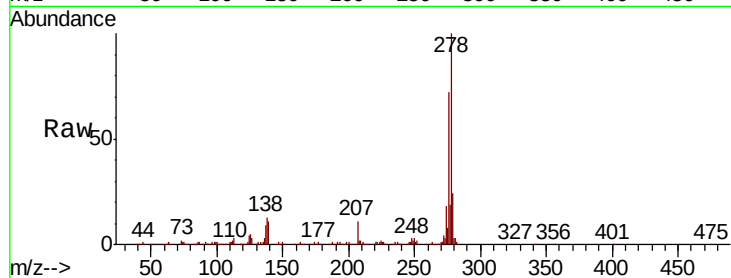
#91
Dibenzo(a,h)anthracene
Concen: 48.913 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP2

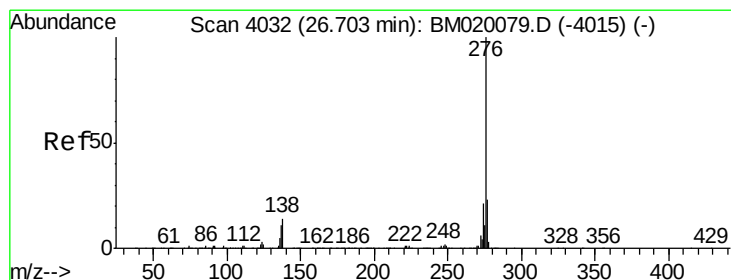
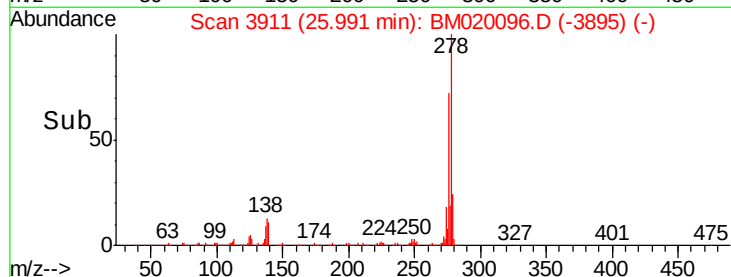
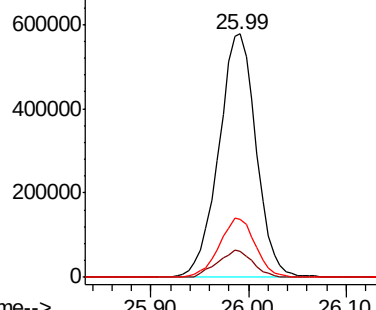
Tot Ion: 278 Resp: 1547764
Ion Ratio Lower Upper
278 100
139 10.7 8.6 13.0
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Sohil
5/2/2019 4:55:27 PM

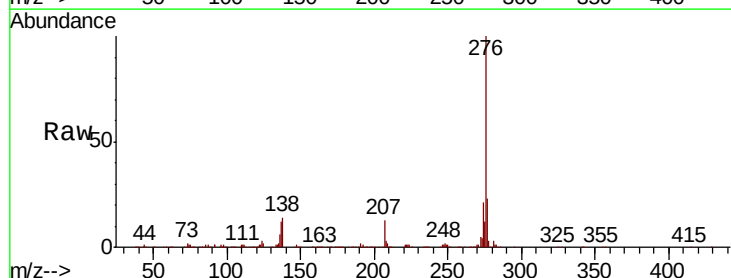


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.436 ng
RT: 26.69 min Scan# 4029
Delta R.T. -0.02 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion: 276 Resp: 1515212
Ion Ratio Lower Upper
276 100
277 22.5 18.4 27.6
138 14.5 11.1 16.7



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

