

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020095.D
 Acq On : 01 May 2019 18:04
 Operator : JU/SJ
 Sample : IDOCSOIL-HP1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:55:24 PM

Quant Time: May 02 02:24:47 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	118313	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	431154	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	258378	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	576690	20.00	ng	0.00
76) Chrysene-d12	21.36	240	563660	20.00	ng	0.00
87) Perylene-d12	23.64	264	547468	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	978031	135.12	ng	0.00
7) Phenol-d6	6.95	99	1305363	132.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	825224	75.56	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	529256	131.97	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1581816	75.32	ng	0.00
79) Terphenyl-d14	19.80	244	2523385	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	127182	35.827	ng	95
3) Pyridine	3.70	79	325855	35.891	ng	100
4) n-Nitrosodimethylamine	3.62	42	111960	38.456	ng	89
6) Aniline	7.12	93	357103	28.689	ng	98
8) 2-Chlorophenol	7.35	128	298416	37.864	ng	99
9) Benzaldehyde	6.94	77	215264	28.763	ng	97
10) Phenol	6.98	94	402029	37.767	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	283818	36.683	ng	98
12) 1,3-Dichlorobenzene	7.67	146	339317	37.004	ng	98
13) 1,4-Dichlorobenzene	7.83	146	343409	37.073	ng	94
14) 1,2-Dichlorobenzene	8.14	146	324758	36.799	ng	99
15) Benzyl Alcohol	8.03	79	346273	36.316	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	231773	36.127	ng	94
17) 2-Methylphenol	8.22	107	261028	38.092	ng	98
18) Hexachloroethane	8.86	117	139777	36.189	ng	95
19) n-Nitroso-di-n-propylamine	8.60	70	292725	34.602	ng	98
20) 3+4-Methylphenols	8.55	107	340736	37.413	ng	98
22) Acetophenone	8.62	105	481767	40.885	ng	# 98
24) Nitrobenzene	9.00	77	440217	38.878	ng	99
25) Isophorone	9.52	82	720693	38.268	ng	99
26) 2-Nitrophenol	9.70	139	140186	41.009	ng	96
27) 2,4-Dimethylphenol	9.75	122	258215	45.371	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	390599	38.081	ng	99
29) 2,4-Dichlorophenol	10.23	162	289983	40.408	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	357048	40.435	ng	97
31) Naphthalene	10.63	128	868078	38.798	ng	99
32) Benzoic acid	9.87	122	138677	36.141	ng	93
33) 4-Chloroaniline	10.75	127	192446	20.898	ng	98
34) Hexachlorobutadiene	10.90	225	242648	38.845	ng	94
35) Caprolactam	11.53	113	79471m	37.035	ng	
36) 4-Chloro-3-methylphenol	11.86	107	313314	37.152	ng	92
37) 2-Methylnaphthalene	12.25	142	648159	39.736	ng	98
38) 1-Methylnaphthalene	12.47	142	610697	38.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	410830	40.641	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	540834	90.865	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	243032	42.303	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	257878	40.180	ng	95
46) 1,1'-Biphenyl	13.26	154	826791	38.877	ng	98
47) 2-Chloronaphthalene	13.30	162	673814	39.683	ng	99
48) 2-Nitroaniline	13.52	65	225263	37.264	ng	96
49) Acenaphthylene	14.16	152	1015438	37.367	ng	99
50) Dimethylphthalate	13.89	163	819084	37.299	ng	100
51) 2,6-Dinitrotoluene	14.02	165	173896	37.597	ng	99
52) Acenaphthene	14.50	154	593611	38.092	ng	99
53) 3-Nitroaniline	14.35	138	99325	23.138	ng	94
54) 2,4-Dinitrophenol	14.55	184	178806	77.477	ng	94
55) Dibenzofuran	14.83	168	1006495	38.291	ng	99
56) 4-Nitrophenol	14.64	139	279789	76.390	ng	98
57) 2,4-Dinitrotoluene	14.80	165	233850	37.208	ng	99
58) Fluorene	15.48	166	789686	36.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	240247	39.391	ng	99
60) Diethylphthalate	15.26	149	802997	36.294	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	463170	37.866	ng	100
62) 4-Nitroaniline	15.51	138	158371	33.429	ng	95
63) Azobenzene	15.77	77	940512	36.034	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	109068	39.053	ng	98
66) n-Nitrosodiphenylamine	15.69	169	690364	40.683	ng	96
67) 4-Bromophenyl-phenylether	16.37	248	281906	39.864	ng	99
68) Hexachlorobenzene	16.47	284	321950	39.563	ng	97
69) Atrazine	16.64	200	251948	37.992	ng	99
70) Pentachlorophenol	16.82	266	391226	84.025	ng	97
71) Phenanthrene	17.22	178	1235404	38.808	ng	99
72) Anthracene	17.31	178	1260050	39.589	ng	98
73) Carbazole	17.59	167	1081377	37.654	ng	98
74) Di-n-butylphthalate	18.14	149	1287344	37.248	ng	98
75) Fluoranthene	19.24	202	1473923	36.594	ng	99
77) Benzidine	19.43	184	493349	27.377	ng	99
78) Pyrene	19.60	202	1503980	39.742	ng	99
80) Butylbenzylphthalate	20.50	149	543631	39.503	ng	99
81) Benzo(a)anthracene	21.34	228	1470553	37.201	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	505195	33.485	ng	97
83) Chrysene	21.40	228	1459175	38.062	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	816250	38.223	ng	99
85) Di-n-octyl phthalate	22.17	149	1361232	38.352	ng	99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1940984	42.565	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1593125	44.068	ng	100
89) Benzo(k)fluoranthene	23.00	252	1543019	46.790	ng	98
90) Benzo(a)pyrene	23.55	252	1534077	46.717	ng	100
91) Dibenzo(a,h)anthracene	25.99	278	1665976	48.785	ng	99
92) Benzo(g,h,i)perylene	26.69	276	1621743	50.020	ng	98

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

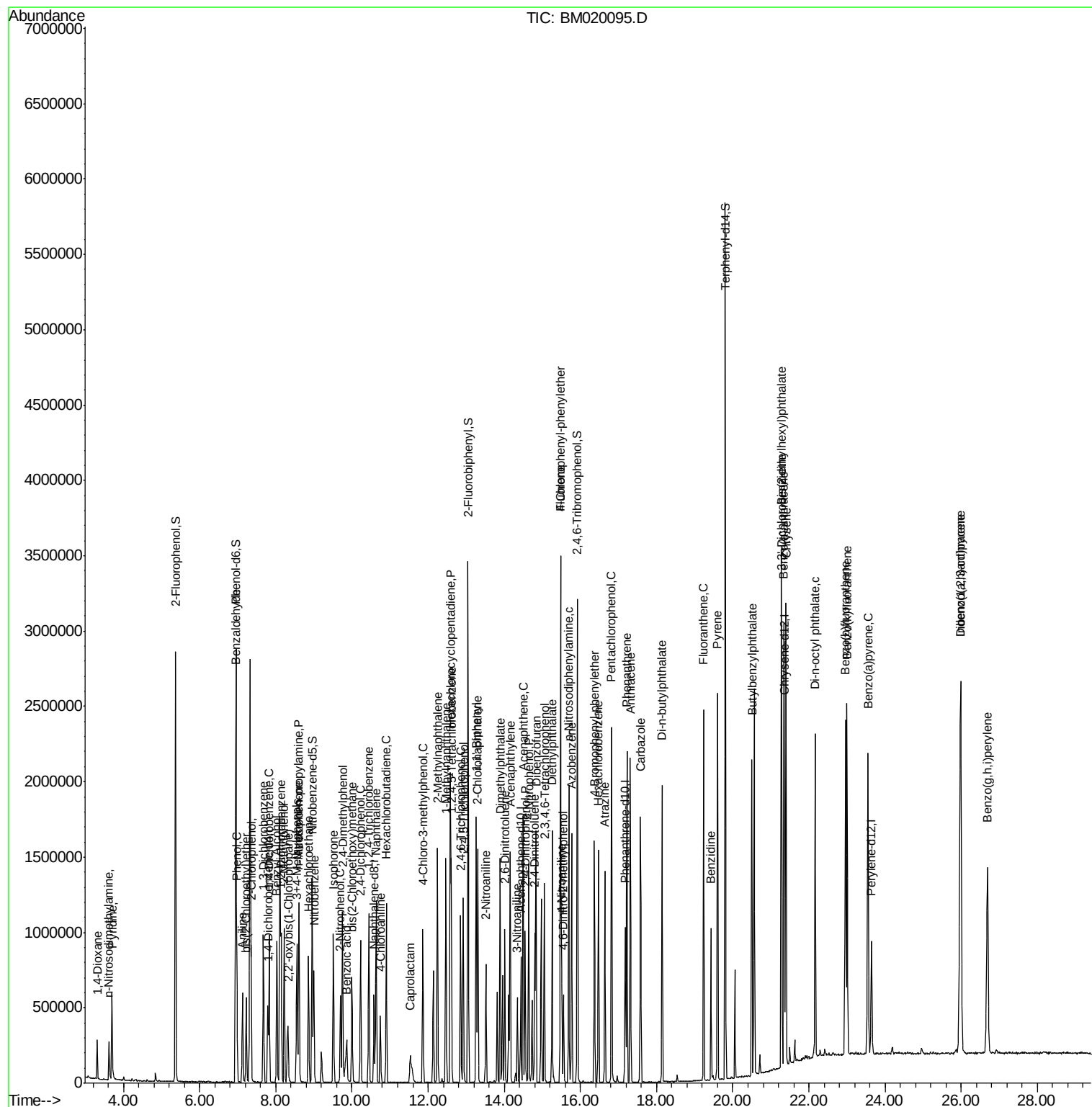
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
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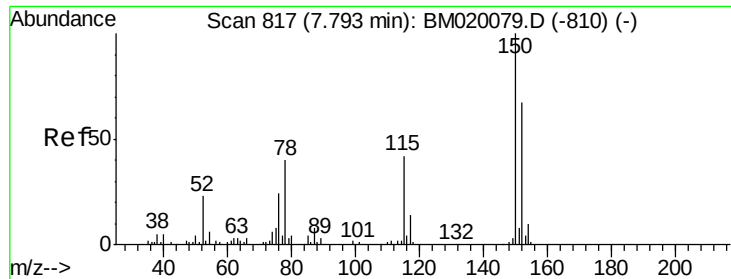
Instrument :
BNA_M
ClientSampled :
IDOC SOIL-HP1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
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#1

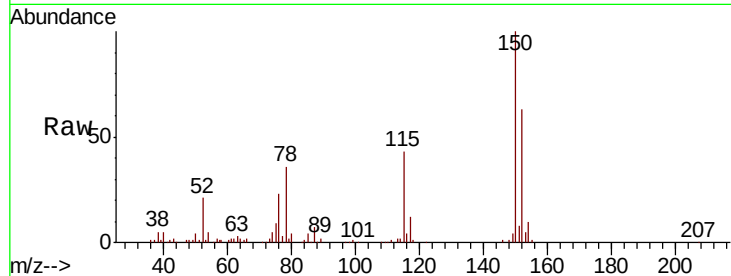
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.8	179.8
115	68.7	50.8	76.2

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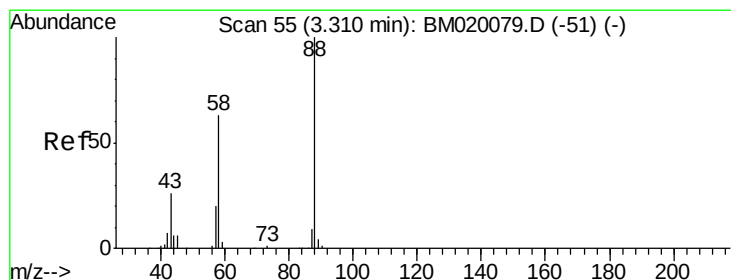
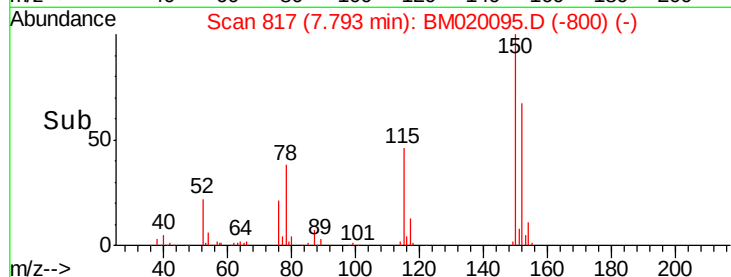
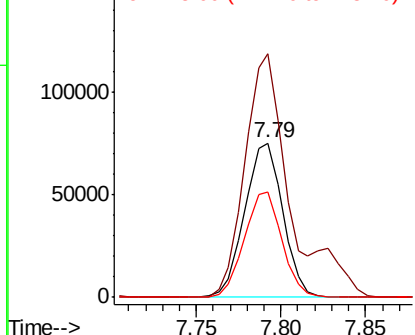


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

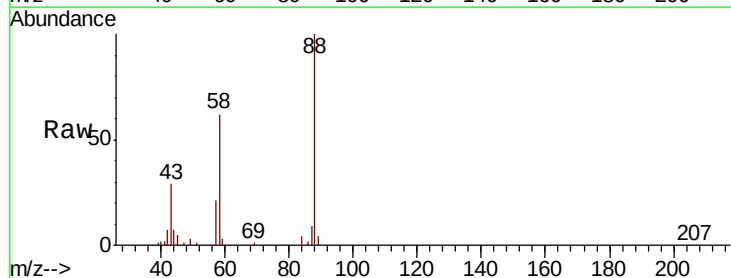
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.827 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	51.8	77.6
43	26.0	20.3	30.5

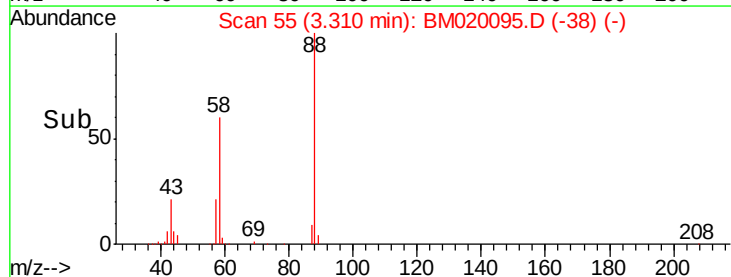
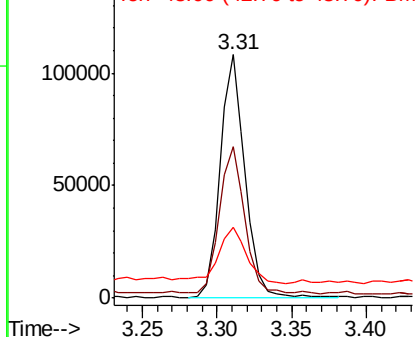


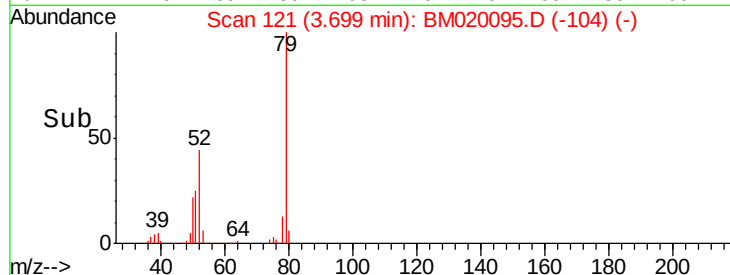
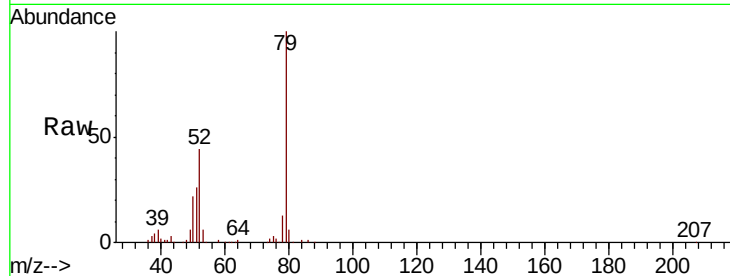
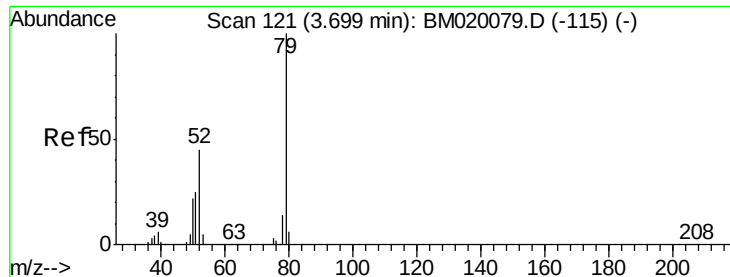
Abundance

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





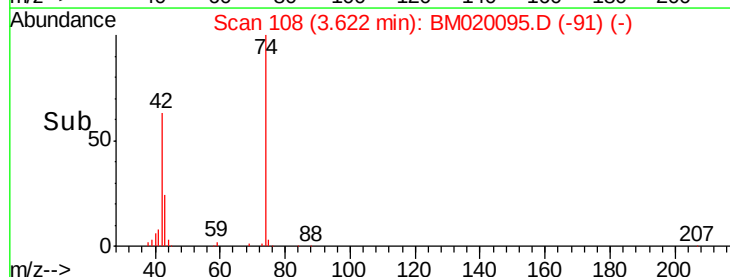
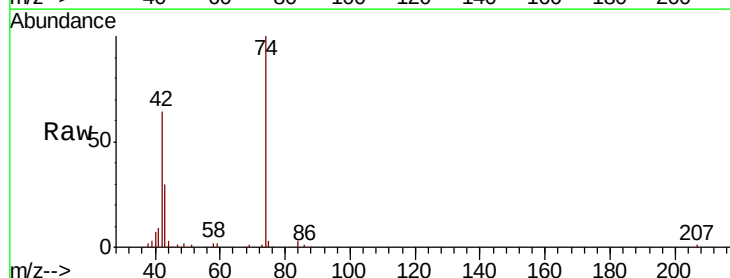
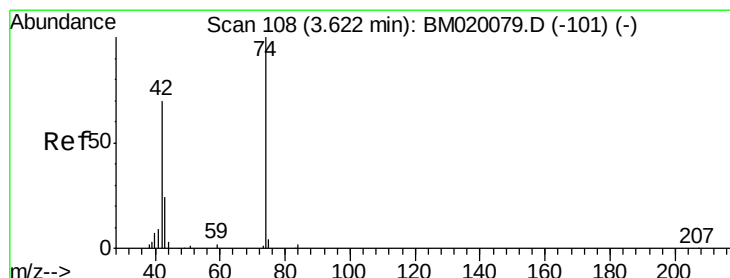
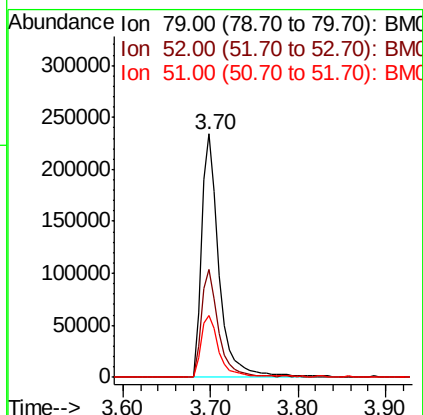
#3
 Pvridine
 Concen: 35.891 ng
 RT: 3.70 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.4	35.7	53.5
51	25.7	20.8	31.2

Instrument :
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 ClientSampleId :
 IDOC SOIL-HP1

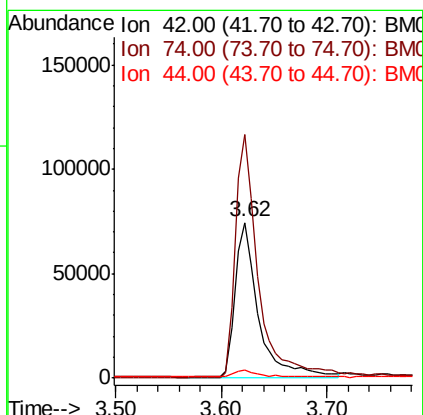
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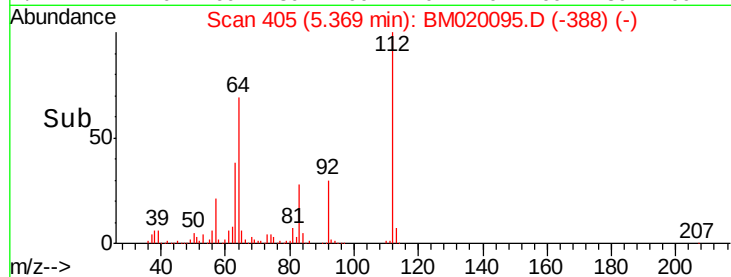
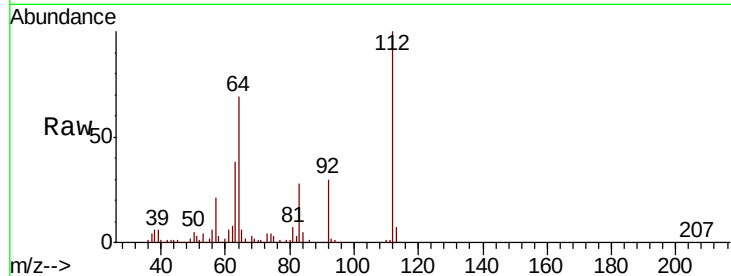
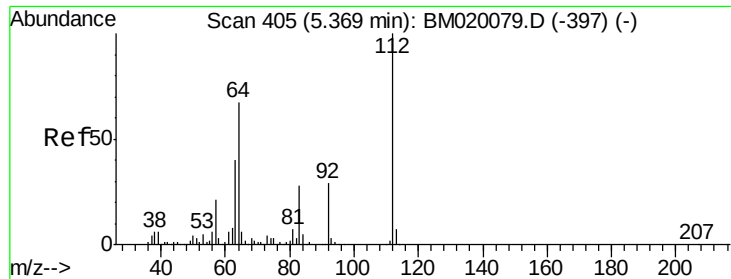
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#4
 n-Nitrosodimethylamine
 Concen: 38.456 ng
 RT: 3.62 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.4	113.7	170.5
44	5.0	3.9	5.9





#5

2-Fluorophenol

Concen: 135.123 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tot Ion:	112	Resp:	978031
Ion Ratio	Lower	Upper	
112	100		
64	68.9	53.8	80.6
63	38.4	32.3	48.5

Instrument :

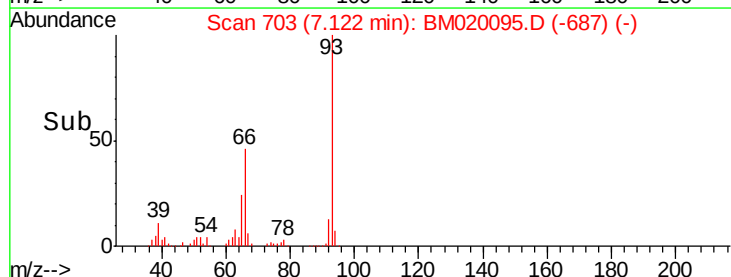
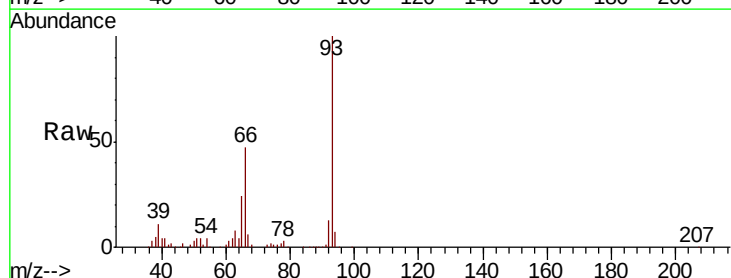
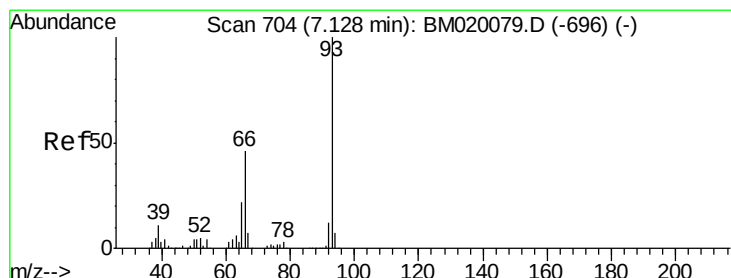
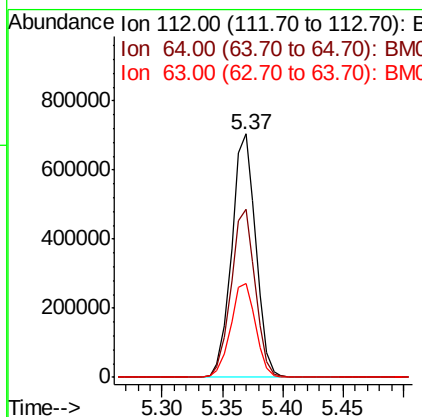
BNA_M

ClientSampleId :

IDOC SOIL-HP1

Manual Integrations
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#6

Aniline

Concen: 28.689 ng

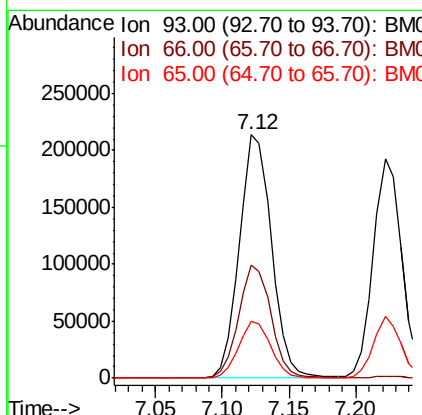
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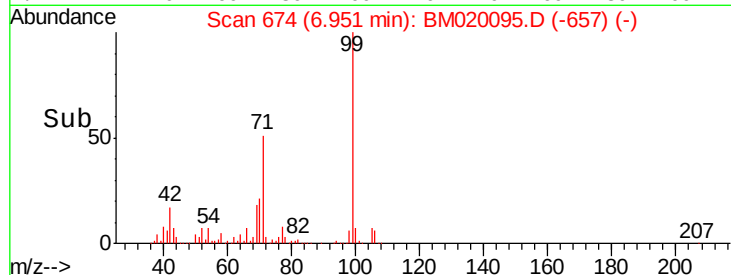
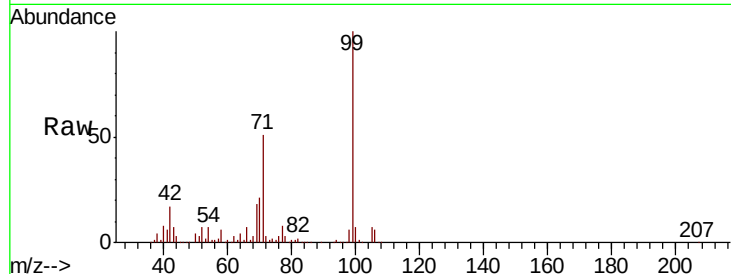
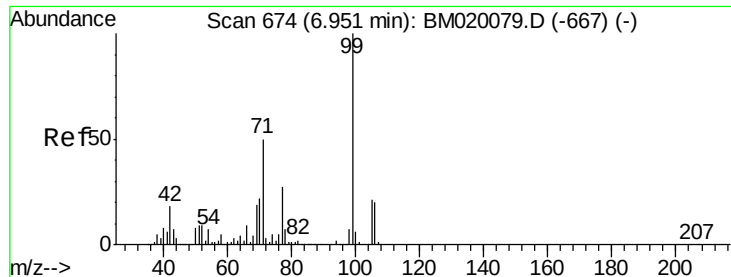
Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	93	Resp:	357103
Ion Ratio	Lower	Upper	
93	100		
66	46.6	36.6	54.8
65	23.5	17.8	26.6





#7

Phenol-d6

Concen: 132.012 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tot Ion:	99	Resp:	1305363
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.2
71	50.6	40.3	60.5

Instrument :

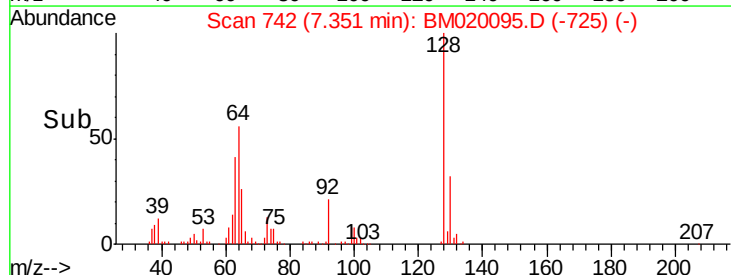
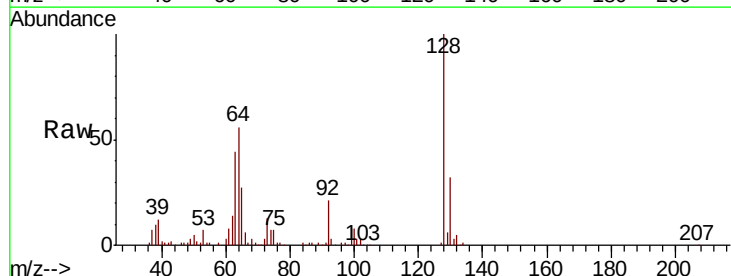
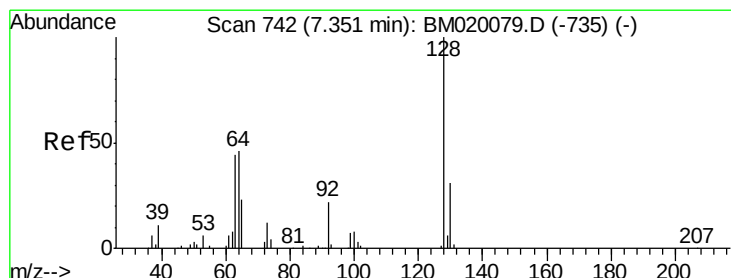
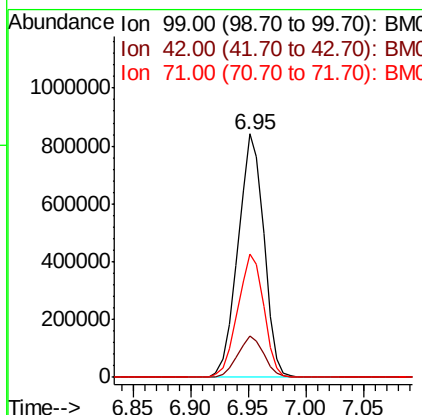
BNA_M

ClientSampleId :

IDOC SOIL-HP1

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.864 ng

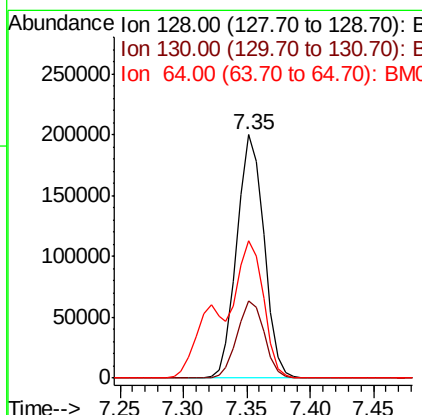
RT: 7.35 min Scan# 742

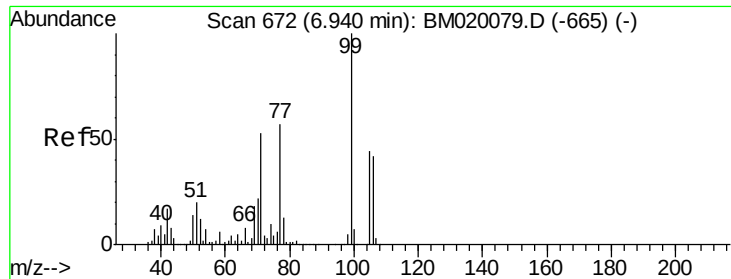
Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	128	Resp:	298416
Ion	Ratio	Lower	Upper
128	100		
130	31.6	10.8	50.8
64	56.5	36.5	76.5





#9

Benzaldehyde

Concen: 28.763 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

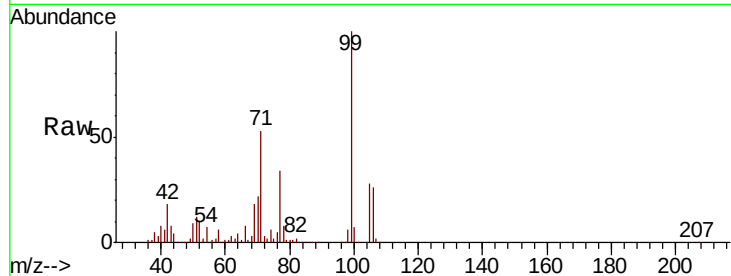
ClientSampleId :

IDOC SOIL-HP1

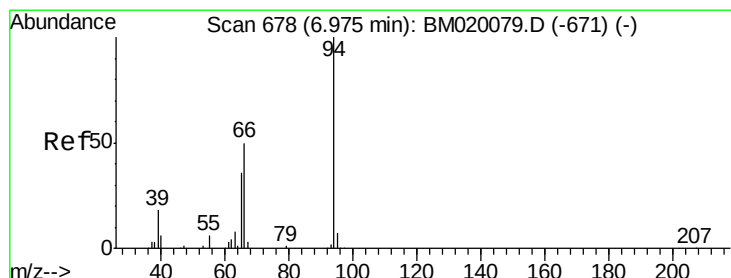
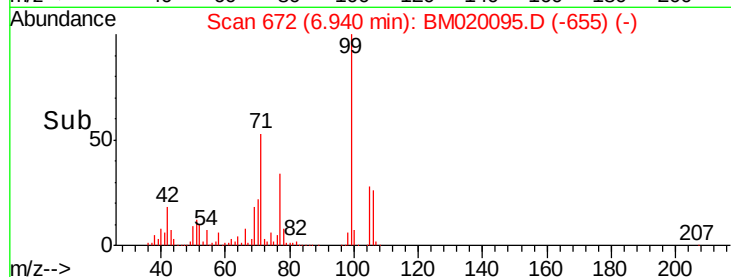
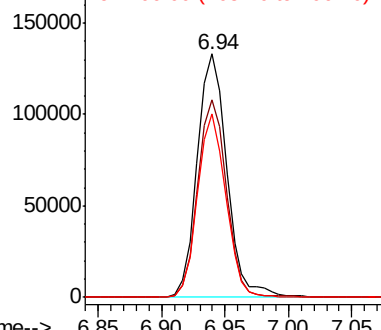
Tot Ion:	77	Resp:	215264
Ion Ratio	Lower	Upper	
77	100		
105	81.1	57.8	97.8
106	75.3	53.6	93.6

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



#10

Phenol

Concen: 37.767 ng

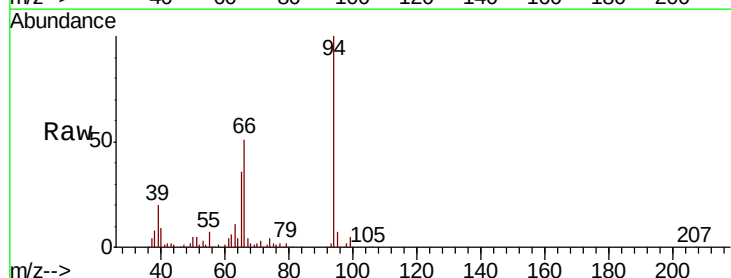
RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

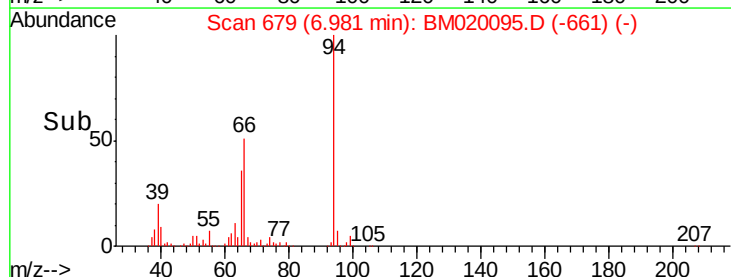
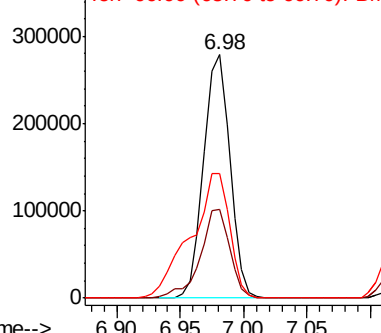
Lab File: BM020095.D

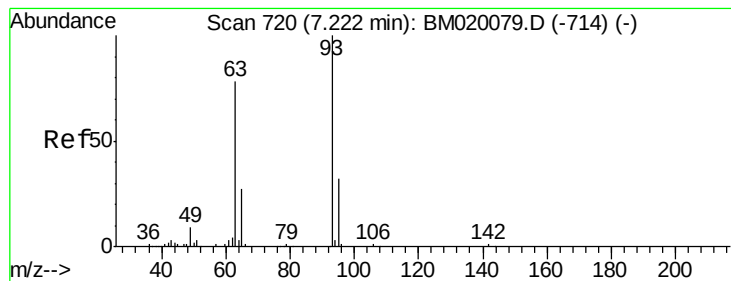
Acq: 01 May 2019 18:04

Tgt Ion:	94	Resp:	402029
Ion Ratio	Lower	Upper	
94	100		
65	36.2	17.0	57.0
66	51.3	34.5	74.5



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





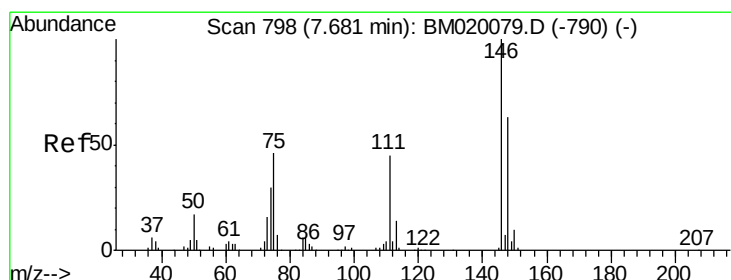
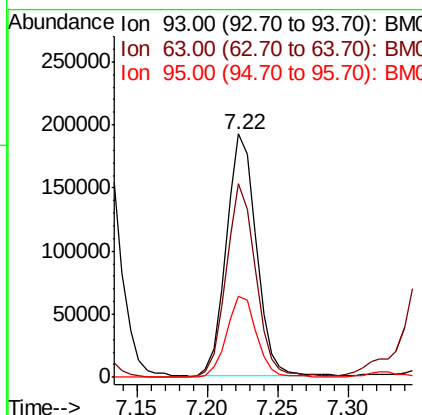
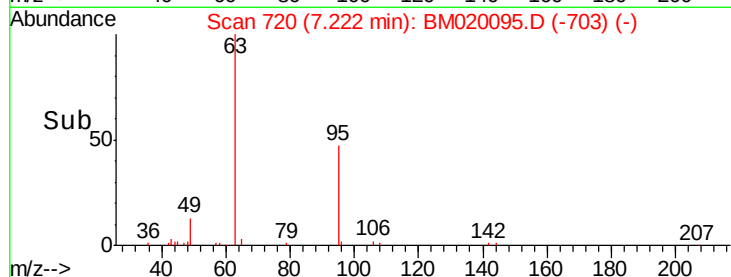
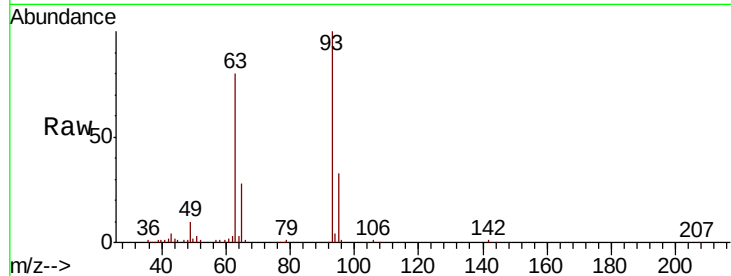
#11
bis(2-Chloroethyl)ether
Concen: 36.683 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
93	100	283818		
63	79.6		57.9	97.9
95	33.4		11.3	51.3

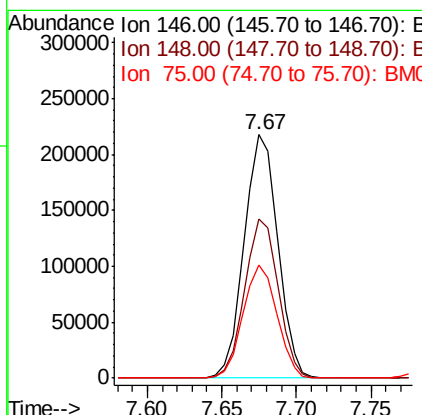
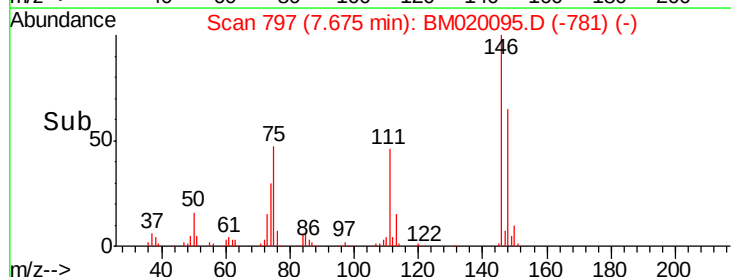
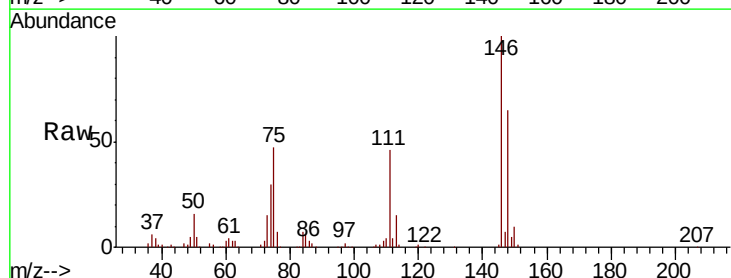
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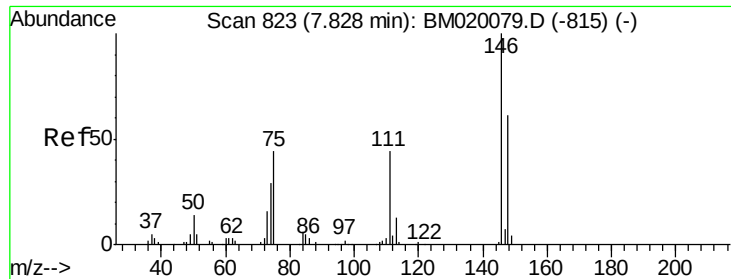
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.004 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	339317		
148	65.3		50.1	75.1
75	46.5		37.2	55.8





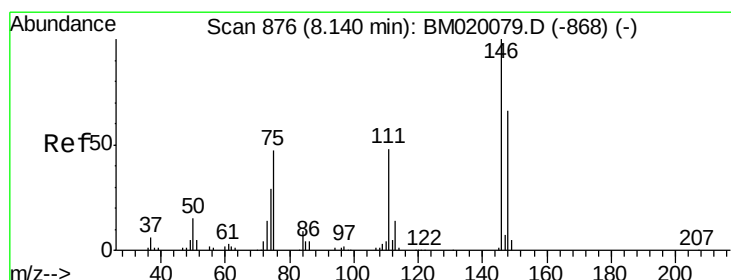
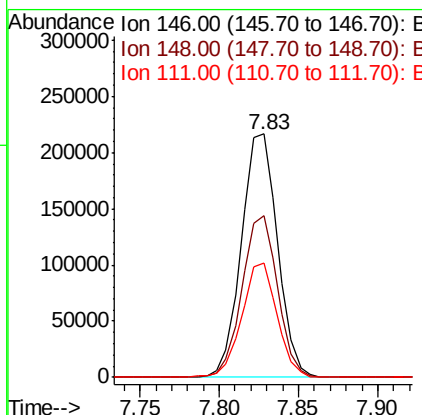
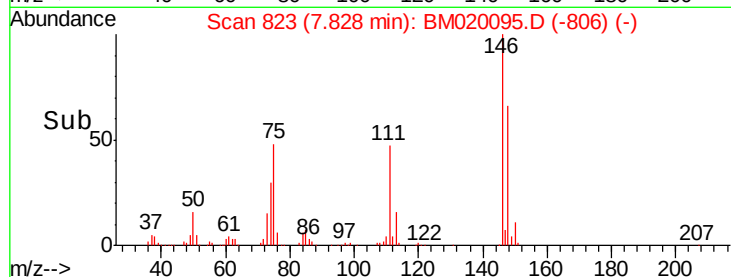
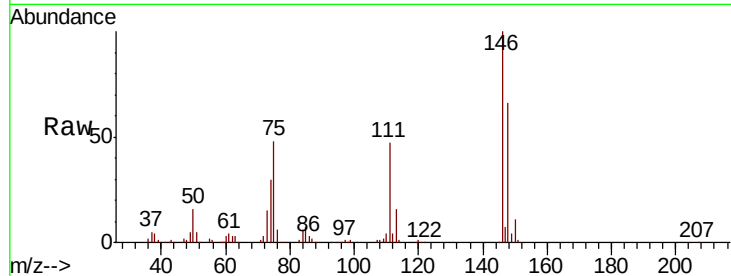
#13
 1,4-Dichlorobenzene
 Concen: 37.073 ng
 RT: 7.83 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	48.5	72.7
111	46.8	35.7	53.5

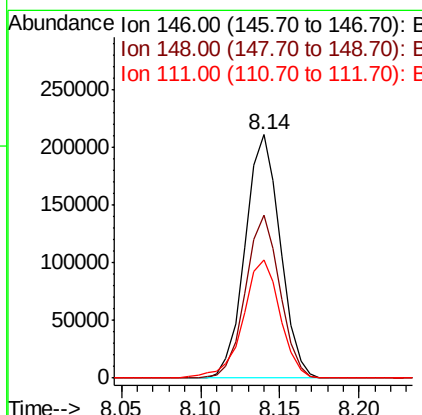
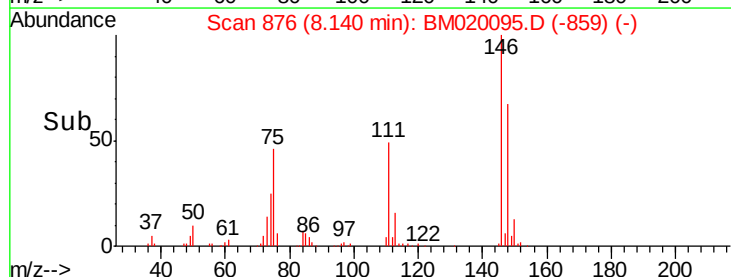
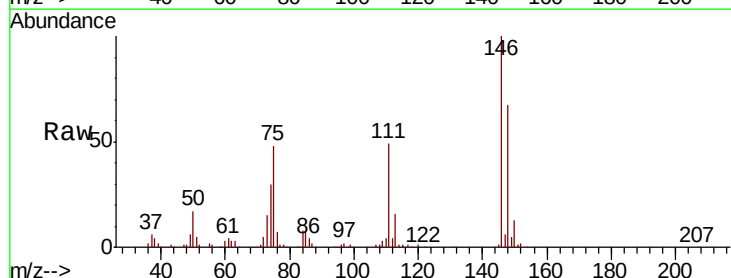
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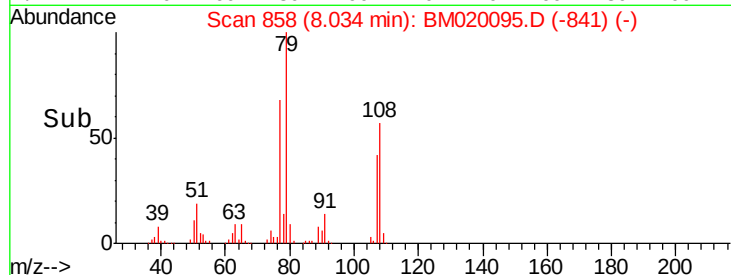
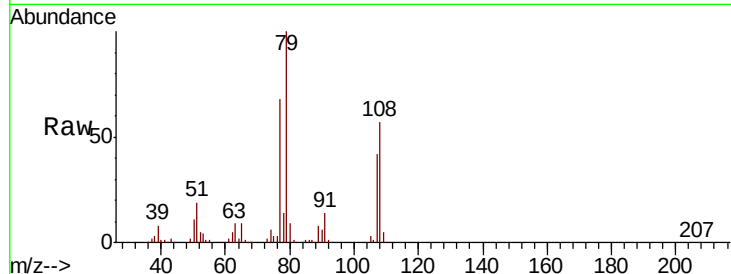
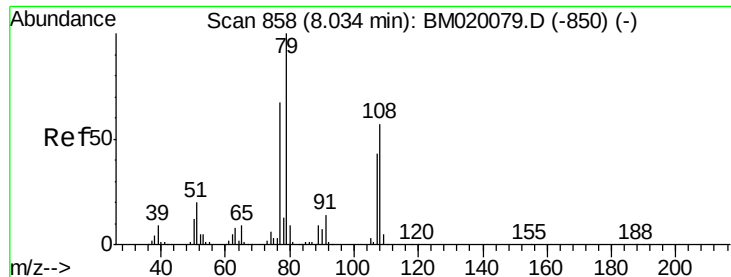
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#14
 1,2-Dichlorobenzene
 Concen: 36.799 ng
 RT: 8.14 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.6	79.0
111	48.5	39.0	58.4





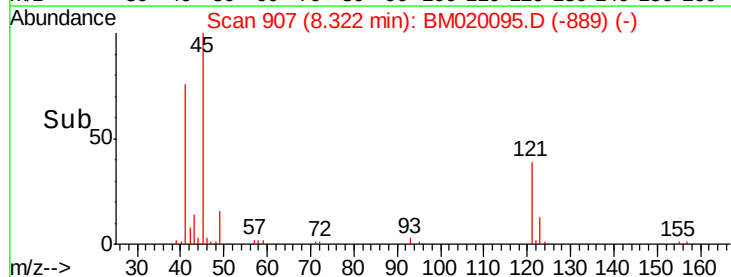
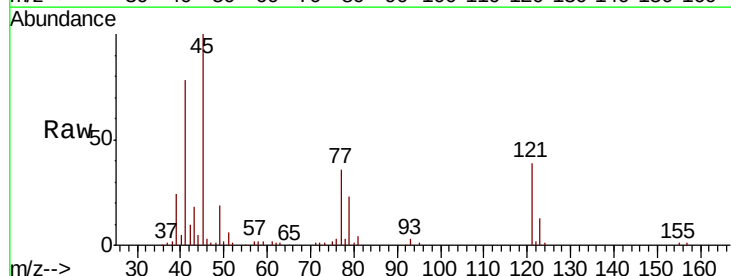
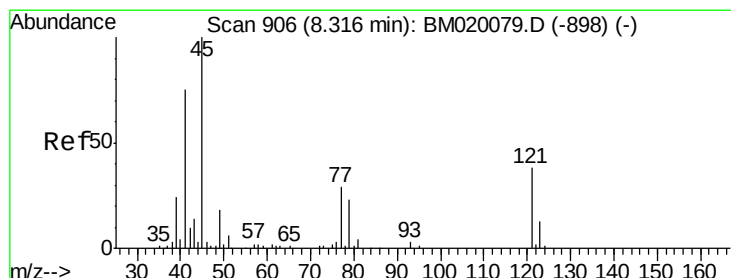
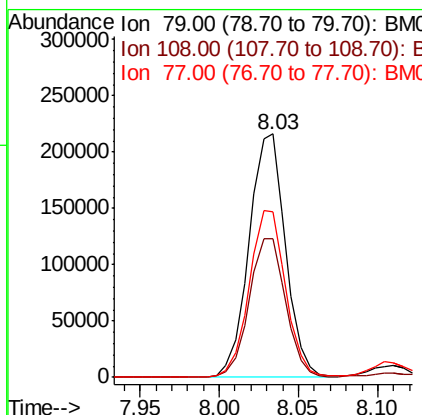
#15
Benzyl Alcohol
Concen: 36.316 ng
RT: 8.03 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	57.1	46.0	69.0	
77	67.9	53.8	80.6	

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

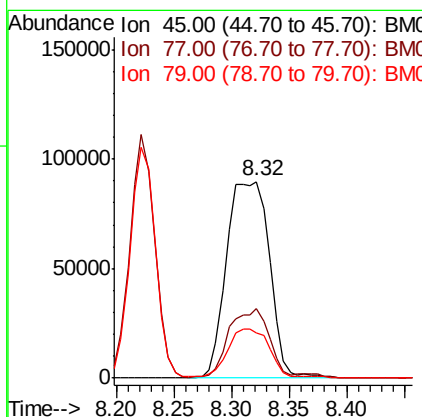
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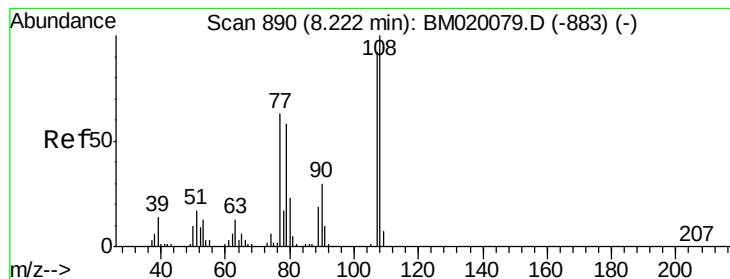
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.127 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	35.6	10.5	50.5	
79	22.8	3.3	43.3	





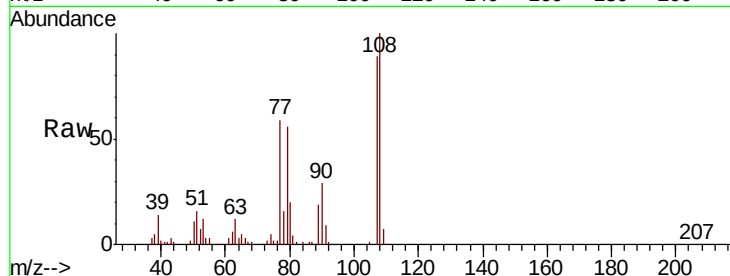
#17
2-Methylphenol
Concen: 38.092 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	87.0	130.4	
77	66.4	54.7	82.1	
79	63.1	50.1	75.1	

Manual Integrations
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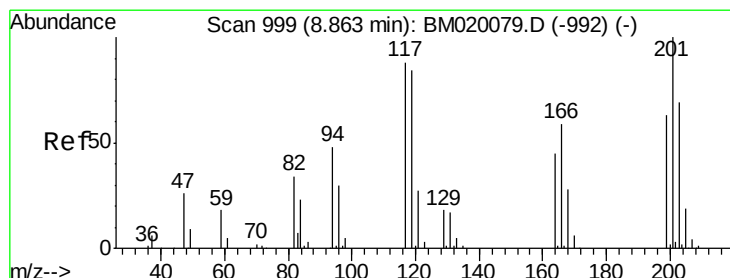
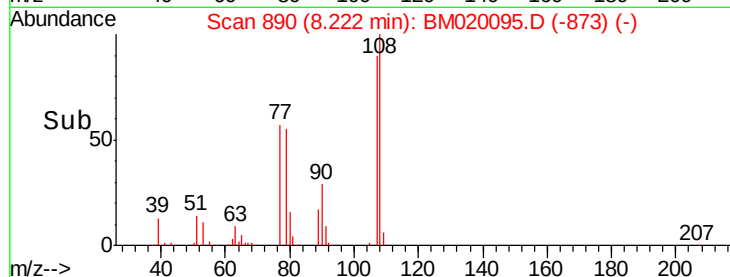
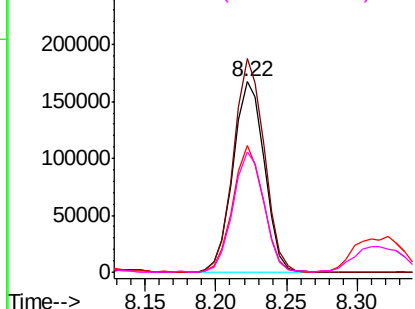
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

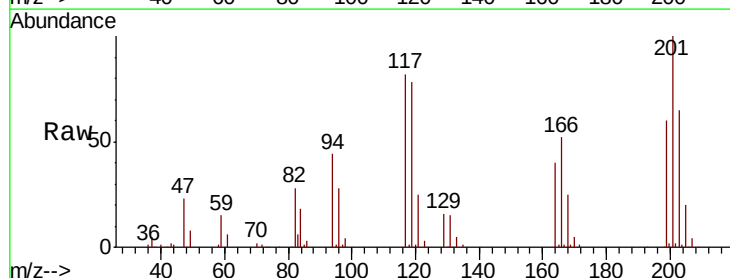
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 36.189 ng
RT: 8.86 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	76.6	114.8	
201	122.0	90.7	136.1	

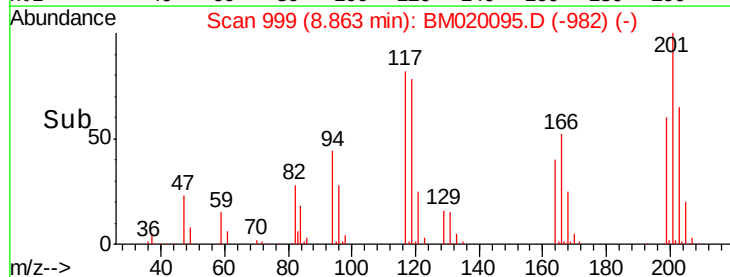
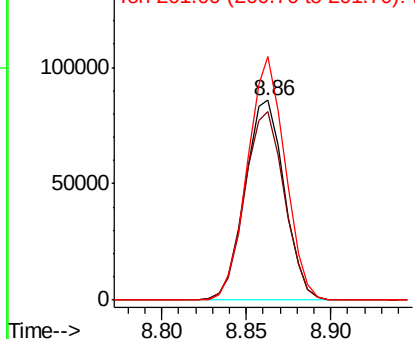


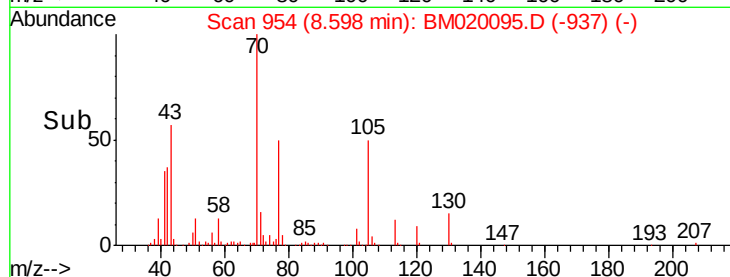
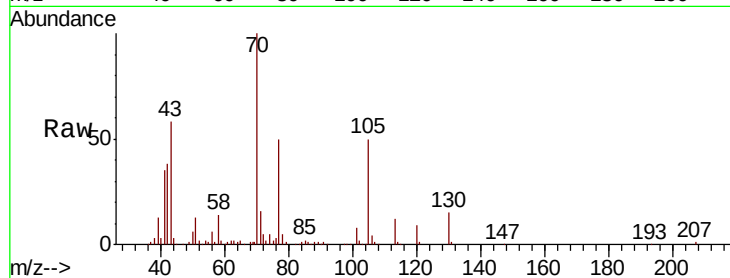
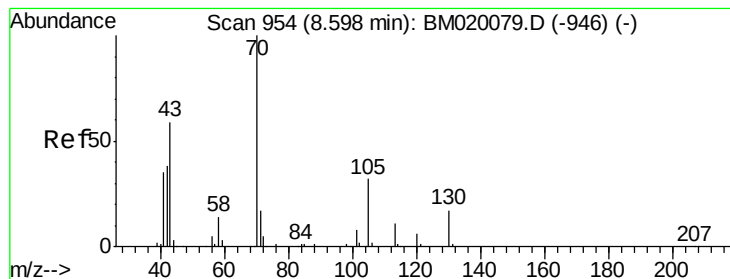
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.602 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

IDOC SOIL-HP1

Tot Ion: 70 Resp: 292725

Ion Ratio Lower Upper

70 100

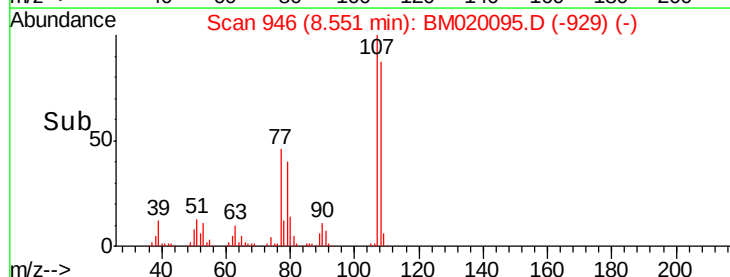
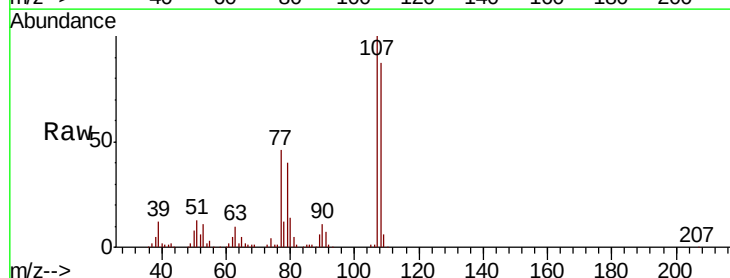
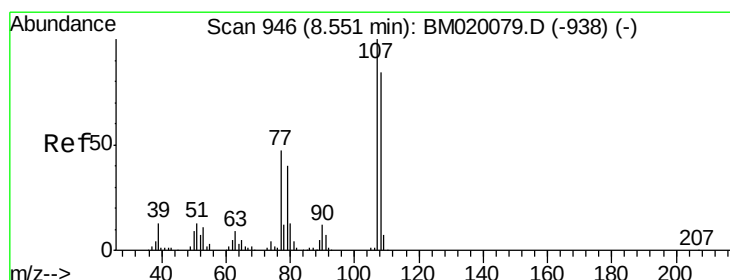
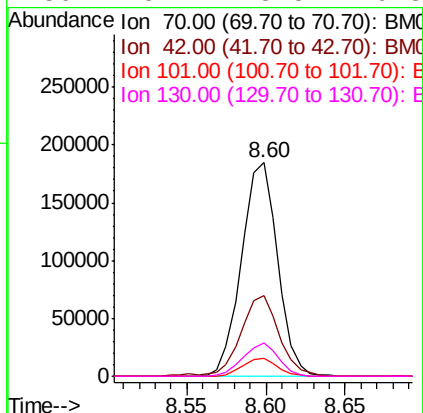
42 37.5 31.0 46.4

101 8.2 6.2 9.2

130 15.4 13.5 20.3

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#20

3+4-Methylphenols

Concen: 37.413 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion: 107 Resp: 340736

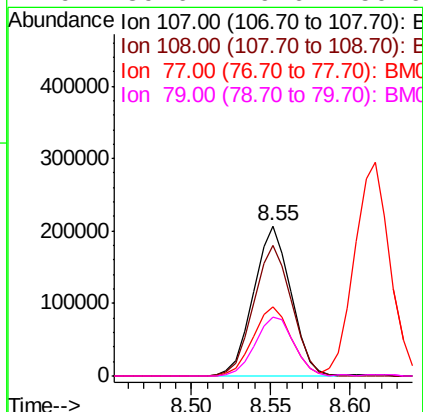
Ion Ratio Lower Upper

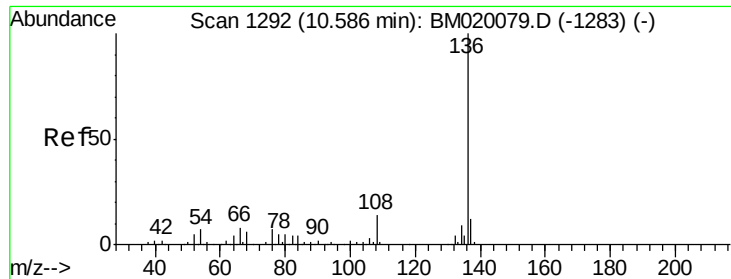
107 100

108 87.0 64.4 104.4

77 46.0 27.2 67.2

79 39.6 19.6 59.6





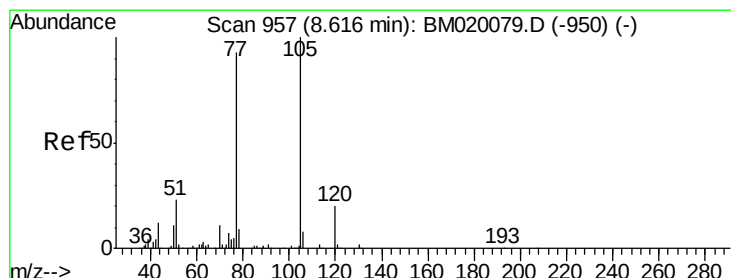
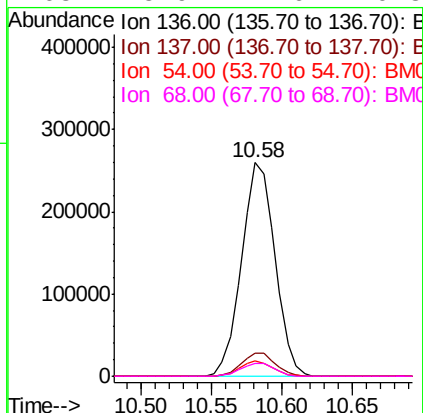
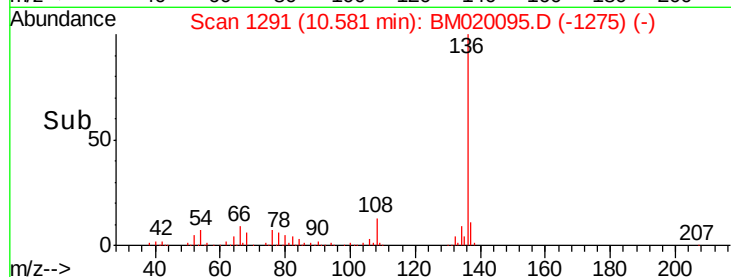
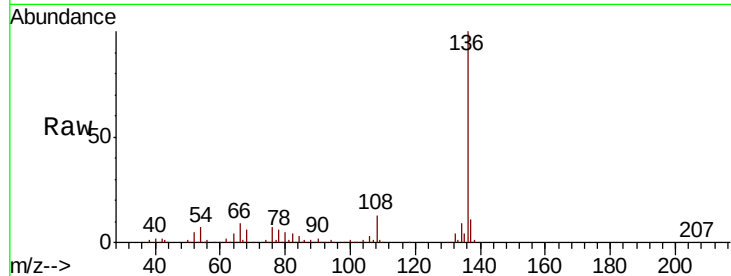
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.6	14.4	
54	7.0	5.5	8.3	
68	5.9	4.6	6.8	

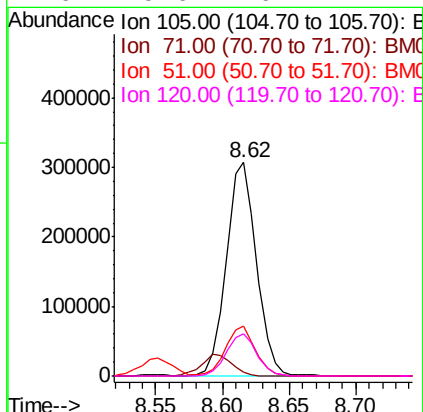
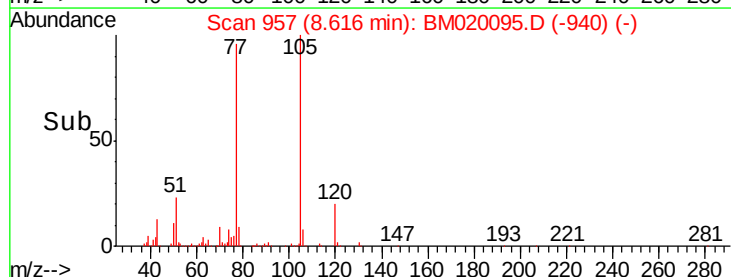
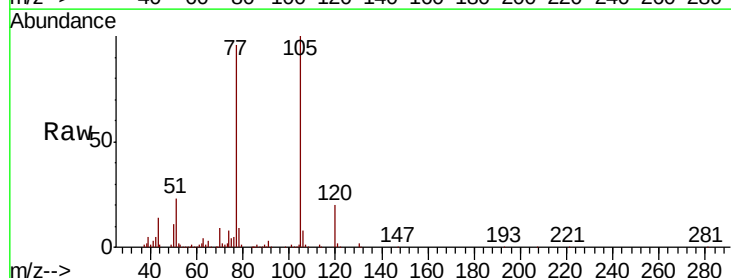
Manual Integrations
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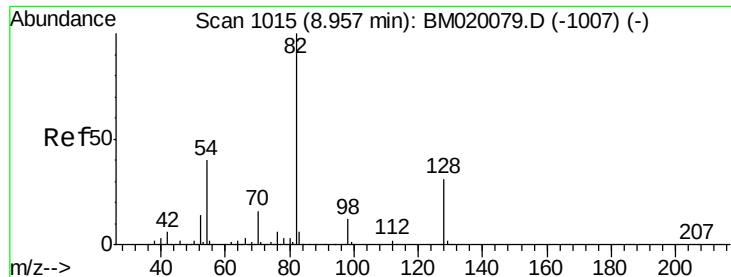
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#22
Acetophenone
Concen: 40.885 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	2.2	3.2#	
51	23.4	19.3	28.9	
120	19.6	16.2	24.4	





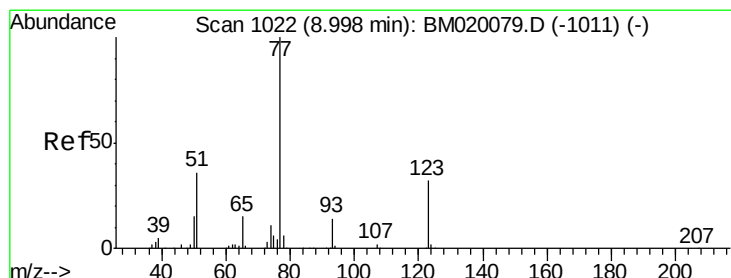
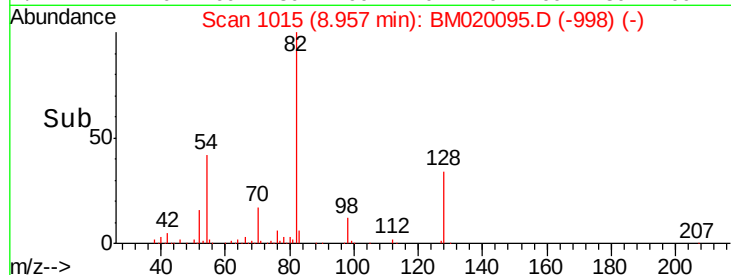
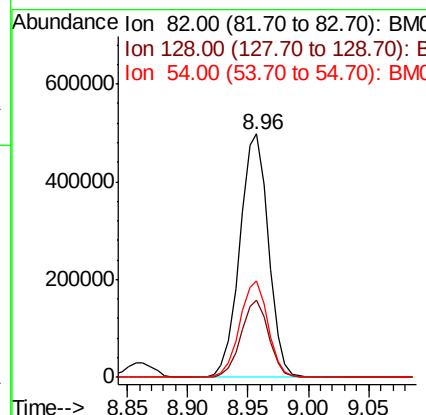
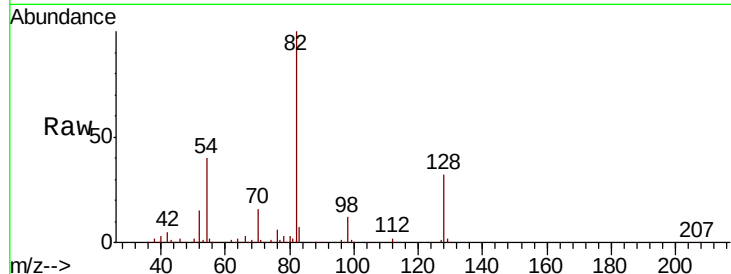
#23
Nitrobenzene-d5
Concen: 75.564 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.2	37.8
54	39.6	31.9	47.9

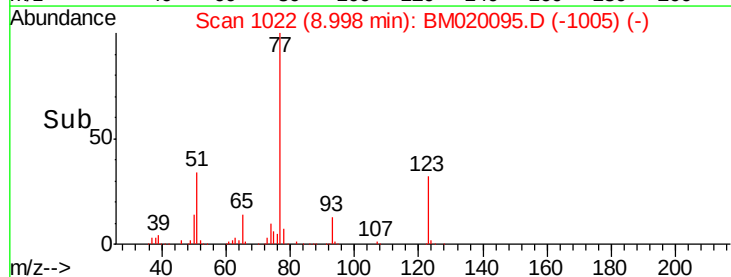
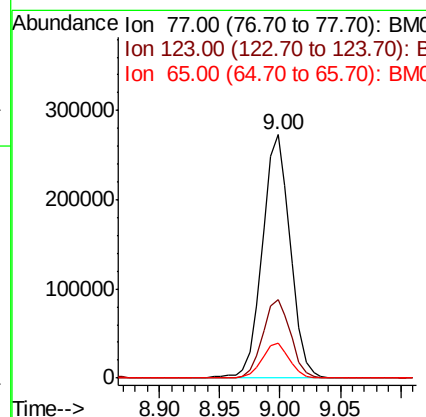
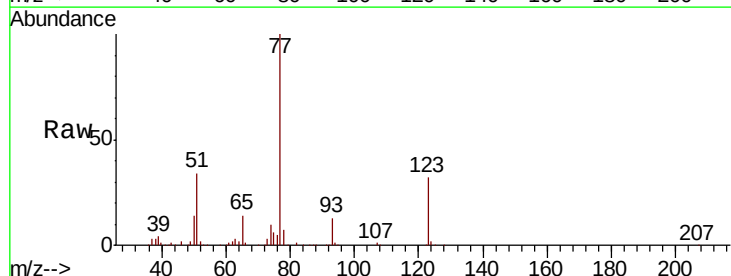
Manual Integrations
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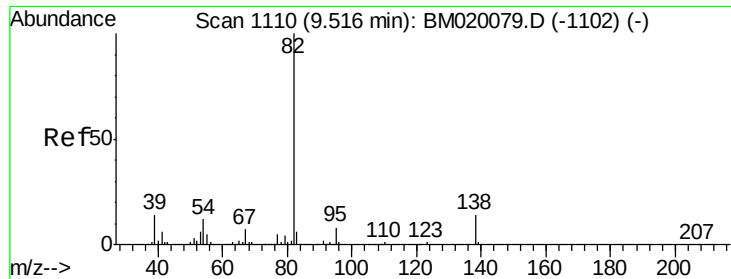
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#24
Nitrobenzene
Concen: 38.878 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.4	25.5	38.3
65	14.2	11.8	17.6





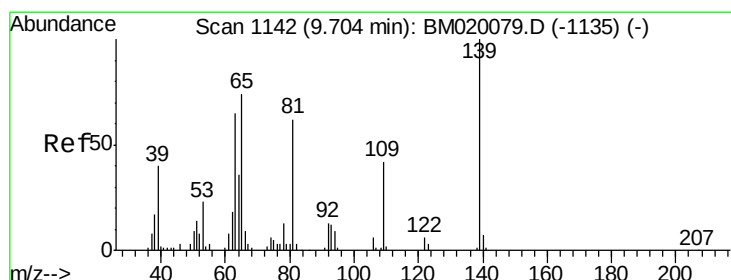
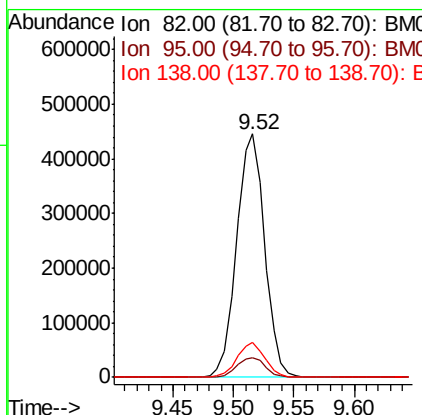
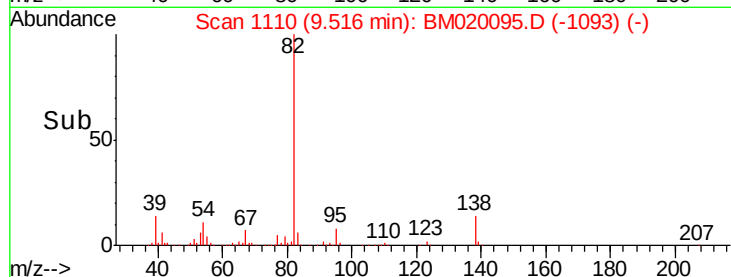
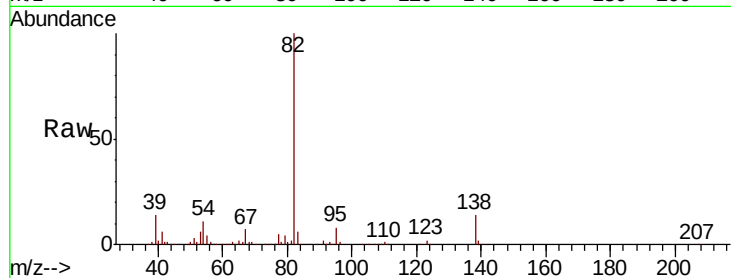
#25
Isophorone
Concen: 38.268 ng
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	14.3	11.1	16.7

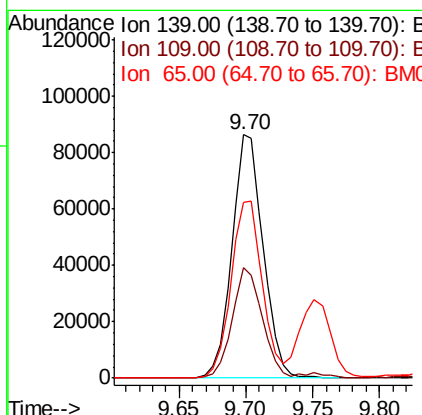
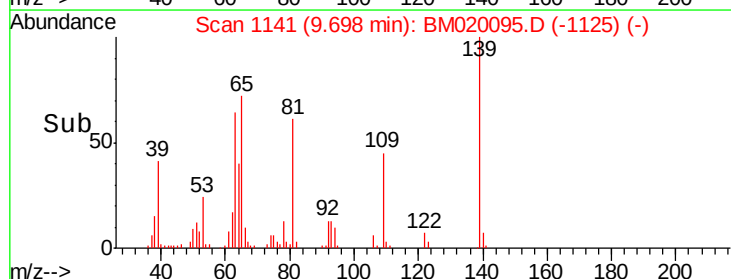
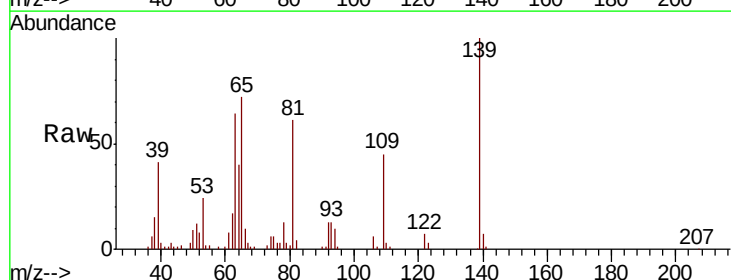
Manual Integrations
APPROVED

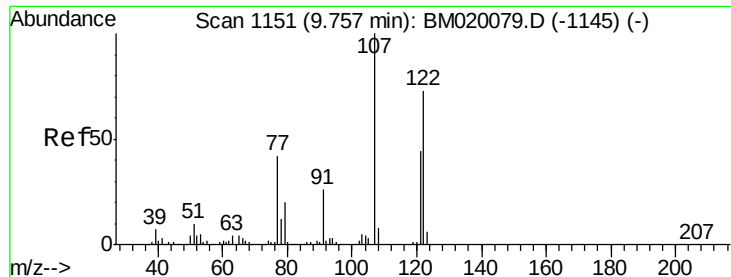
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#26
2-Nitrophenol
Concen: 41.009 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.3	33.7	50.5
65	72.0	59.5	89.3





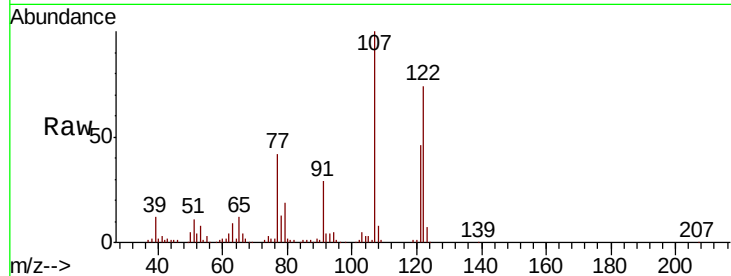
#27
2,4-Dimethylphenol
Concen: 45.371 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.1	108.6	162.8
121	62.3	47.4	71.2

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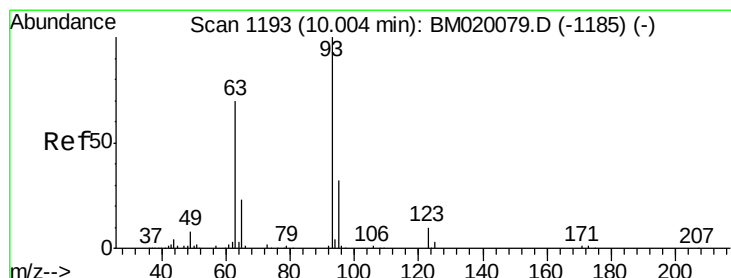
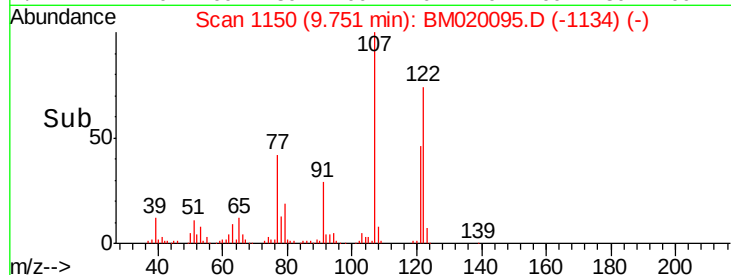
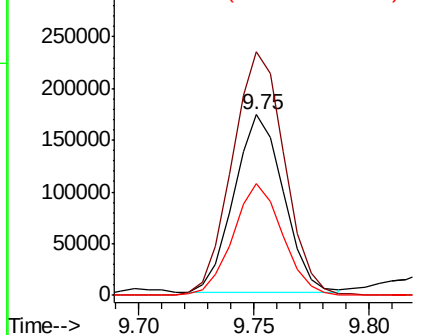


Abundance

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: 38.081 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

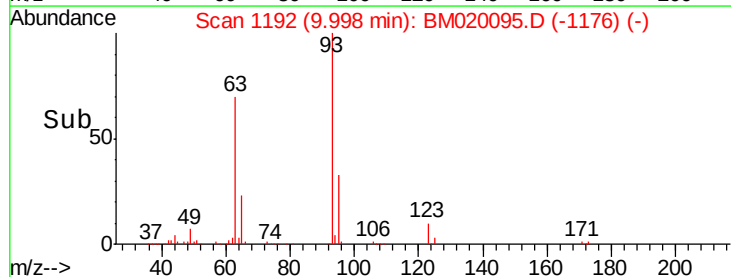
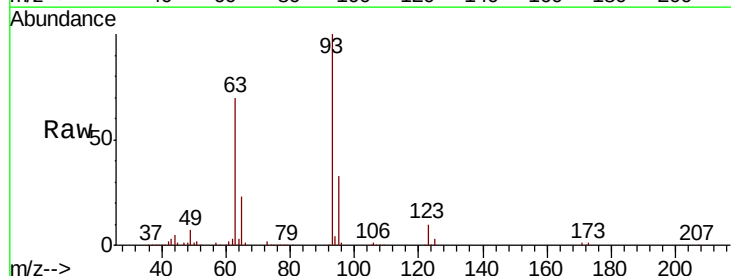
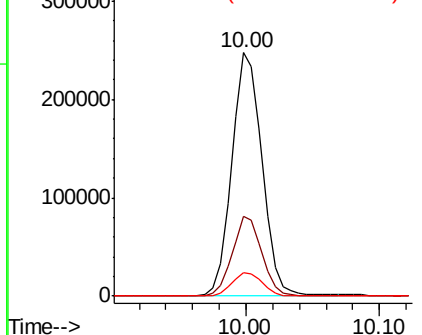
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	9.8	7.6	11.4

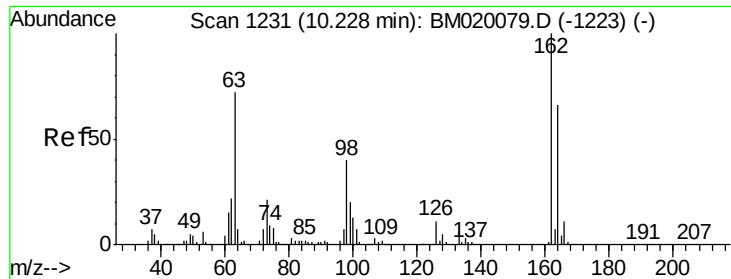
Abundance

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





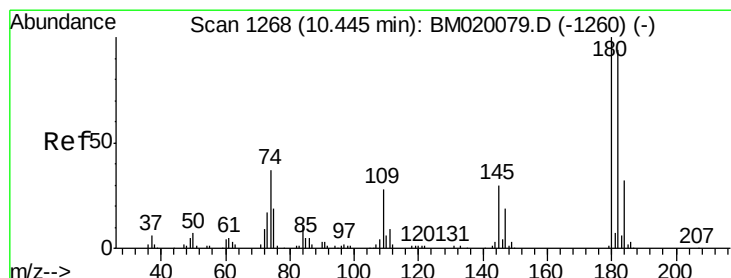
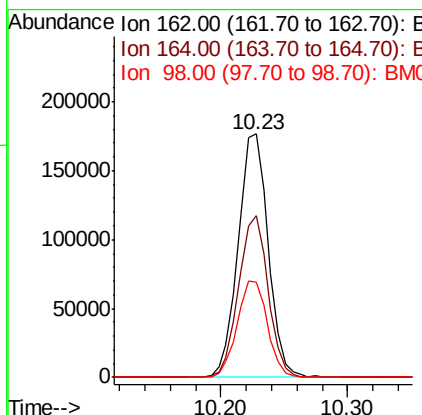
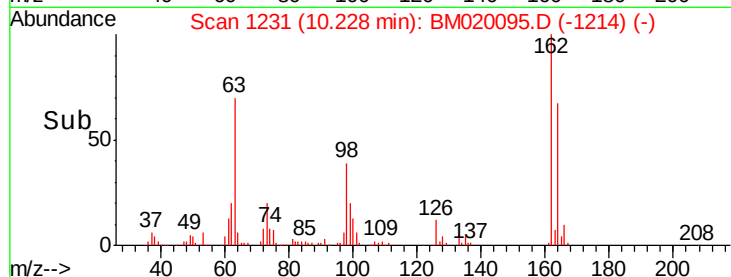
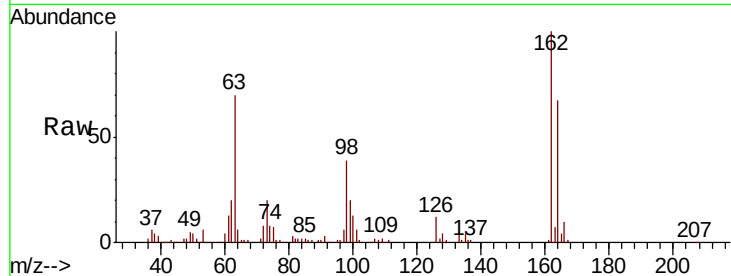
#29
2,4-Dichlorophenol
Concen: 40.408 ng
RT: 10.23 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
162	100	289983		
164	66.5	45.6	85.6	
98	39.2	20.4	60.4	

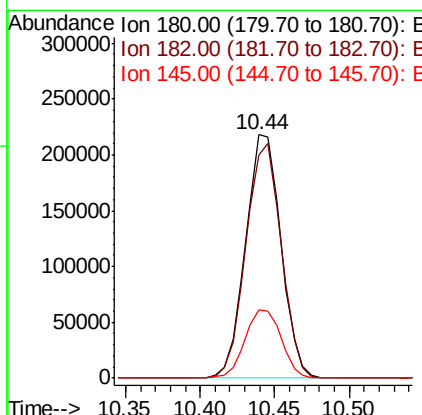
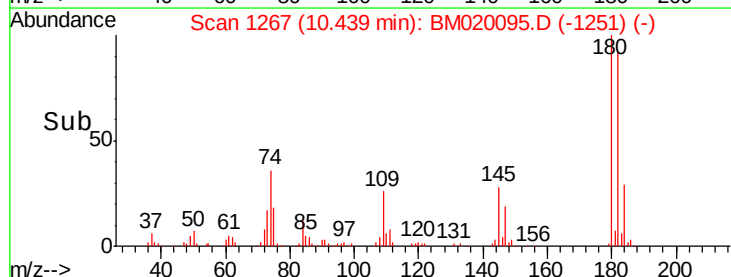
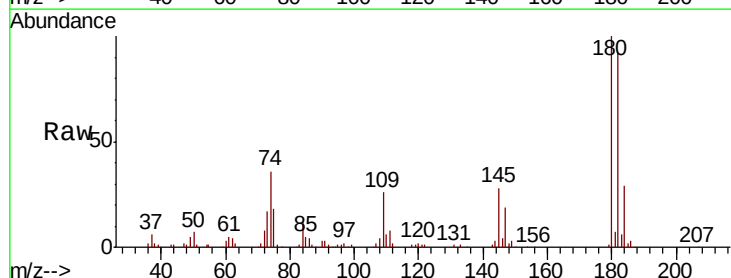
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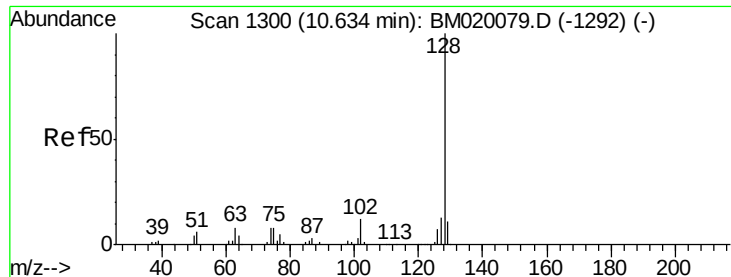
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#30
1,2,4-Trichlorobenzene
Concen: 40.435 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357048		
182	91.5	75.4	113.0	
145	27.8	23.8	35.8	





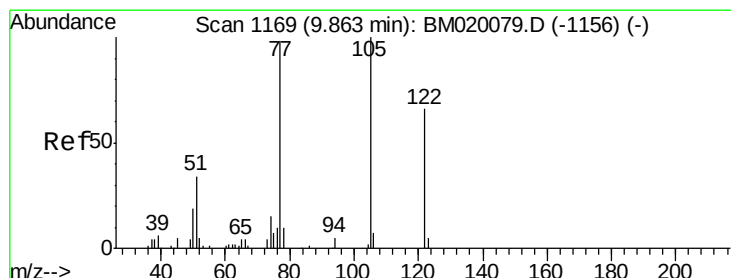
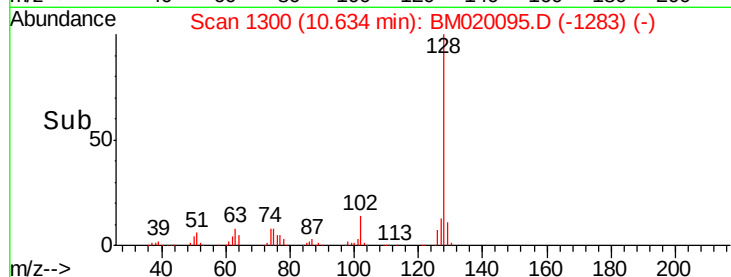
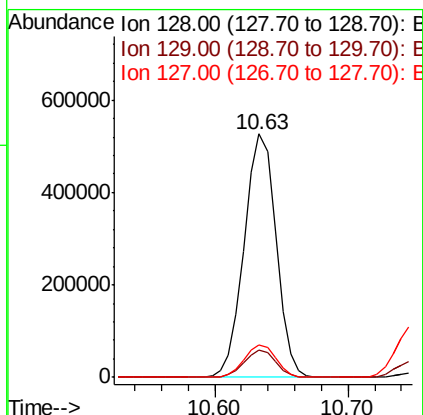
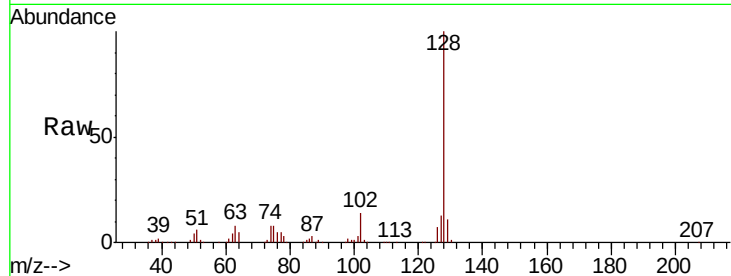
#31
Naphthalene
Concen: 38.798 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.4	
127	13.4	10.4	15.6	

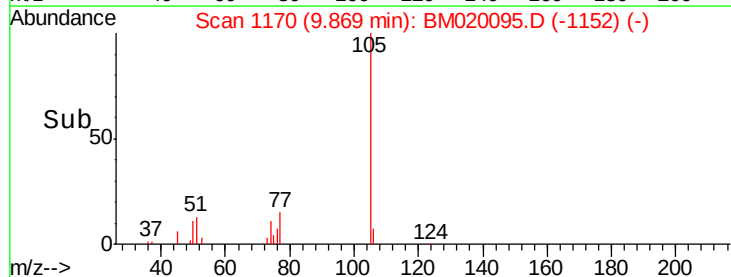
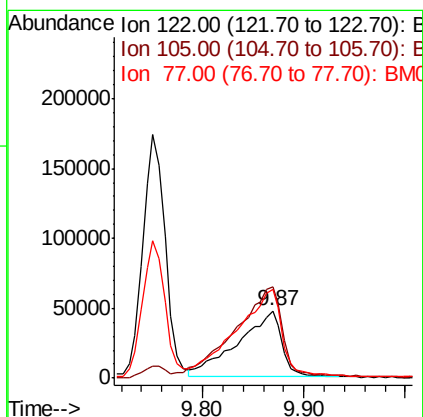
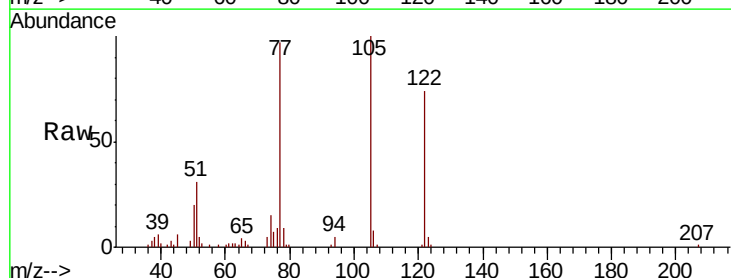
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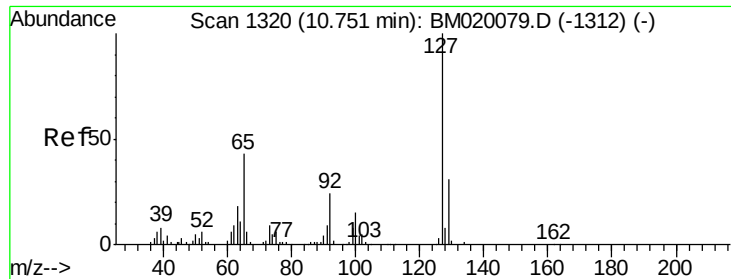
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#32
Benzoic acid
Concen: 36.141 ng
RT: 9.87 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.0	122.5	162.5	
77	132.0	123.3	163.3	





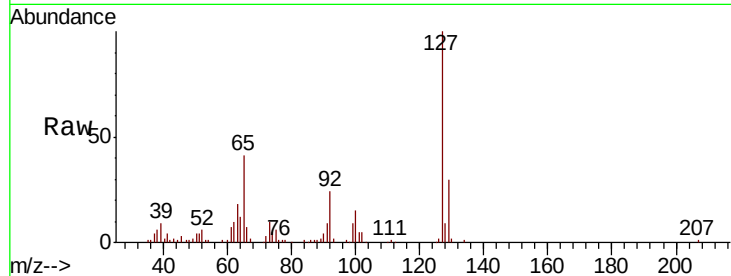
#33
4-Chloroaniline
Concen: 20.898 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.7	37.1
65	41.3	34.6	52.0
92	24.2	19.5	29.3

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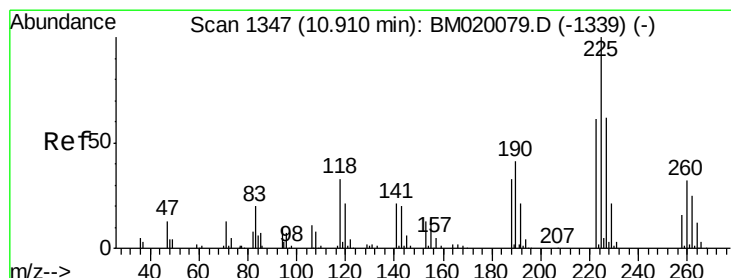
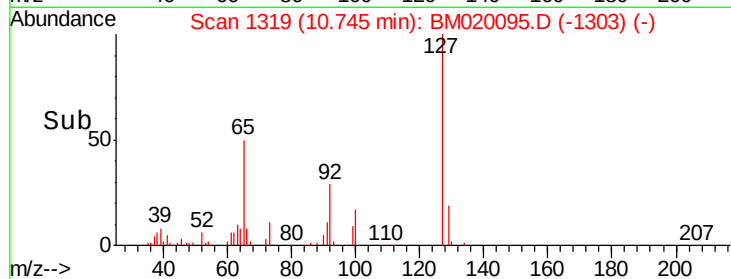
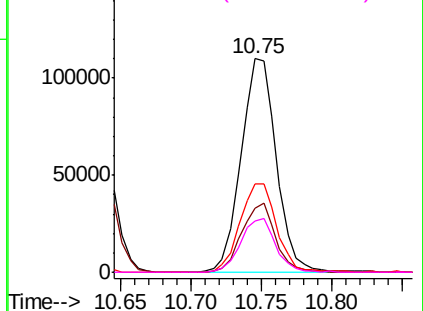
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

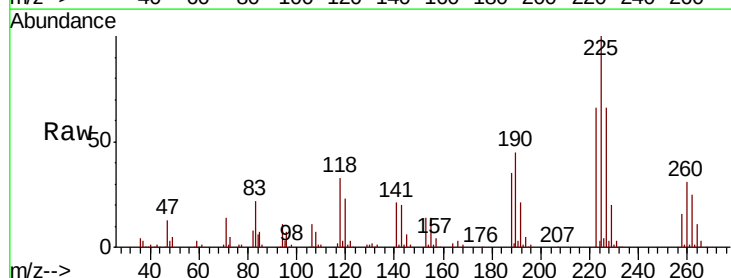
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.845 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	48.9	73.3
227	65.7	49.6	74.4

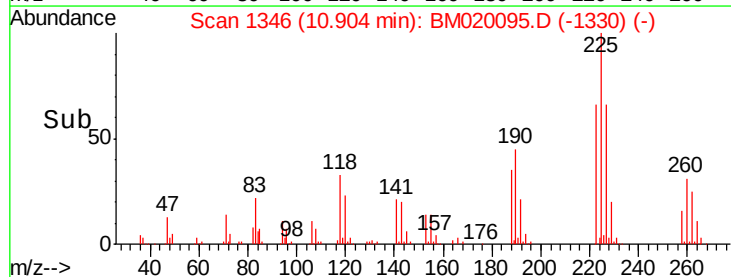
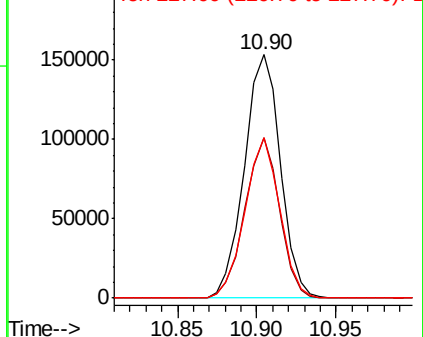


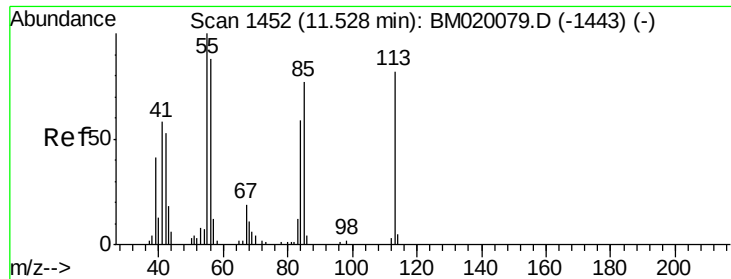
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





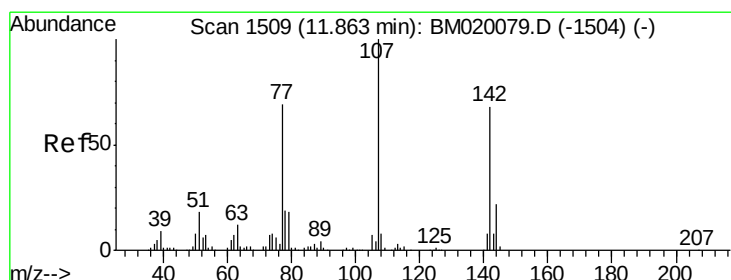
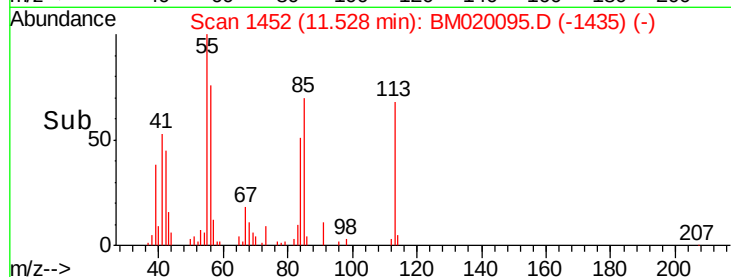
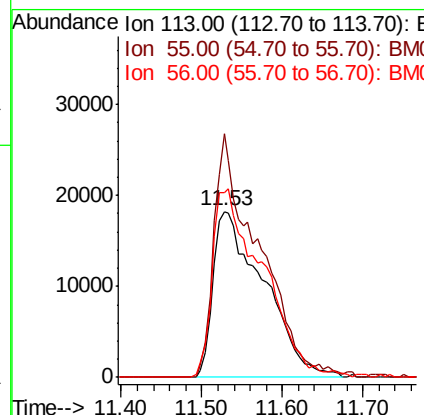
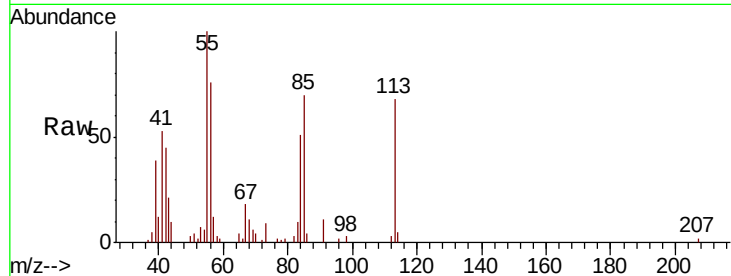
#35
 Caprolactam
 Concen: 37.035 ng/ml
 RT: 11.53 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.5	102.5	142.5#
56	111.4	87.7	127.7

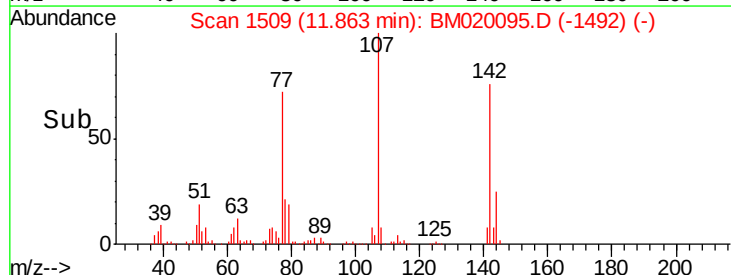
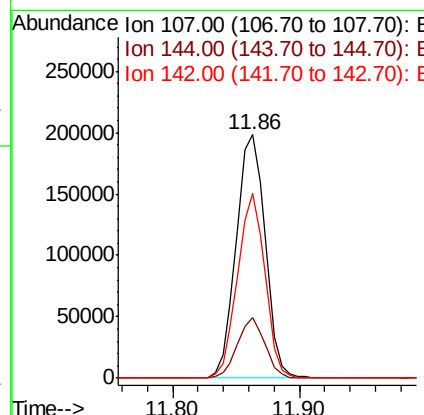
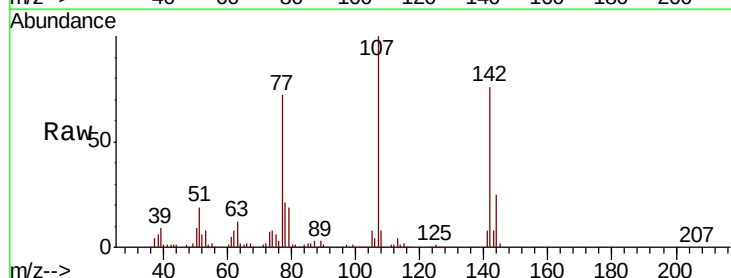
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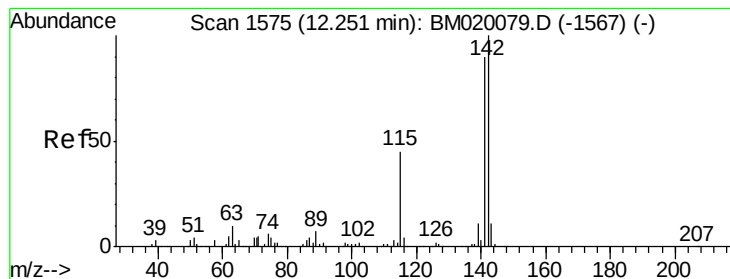
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#36
 4-Chloro-3-methylphenol
 Concen: 37.152 ng/ml
 RT: 11.86 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	17.6	26.4
142	75.7	54.6	82.0





#37

2-Methylnaphthalene

Concen: 39.736 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

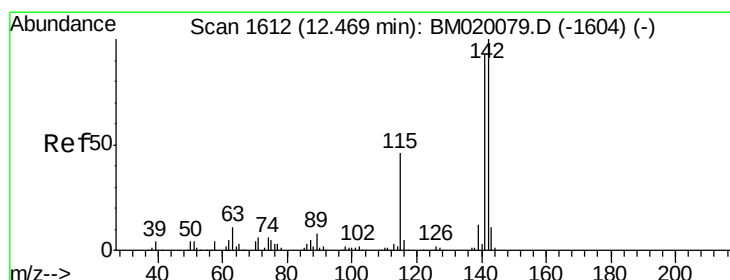
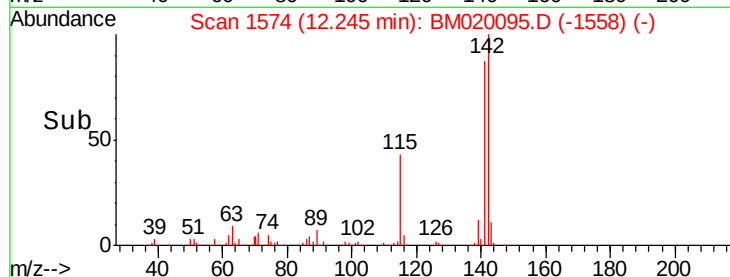
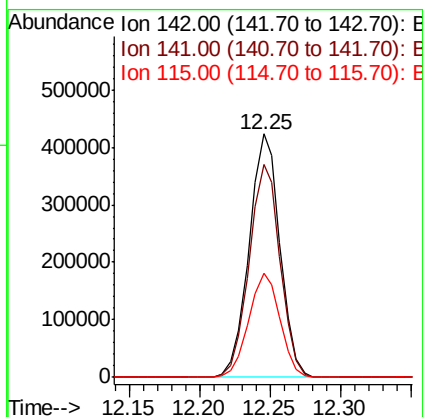
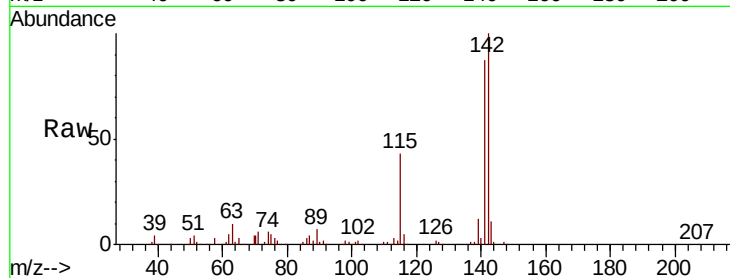
ClientSampleId :

IDOC SOIL-HP1

Tot Ion:	142	Resp:	648159
Ion Ratio	Lower	Upper	
142	100		
141	87.4	71.6	107.4
115	42.9	35.8	53.6

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#38

1-Methylnaphthalene

Concen: 38.287 ng

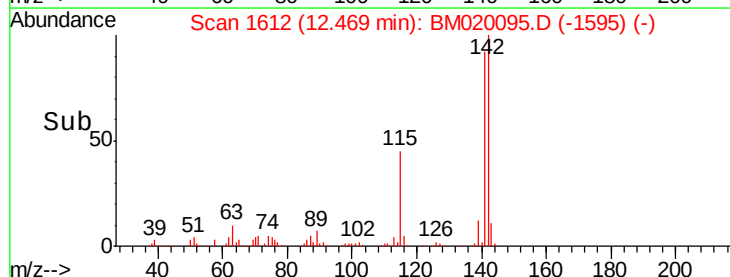
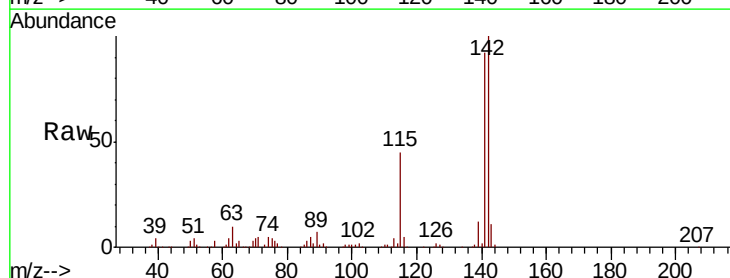
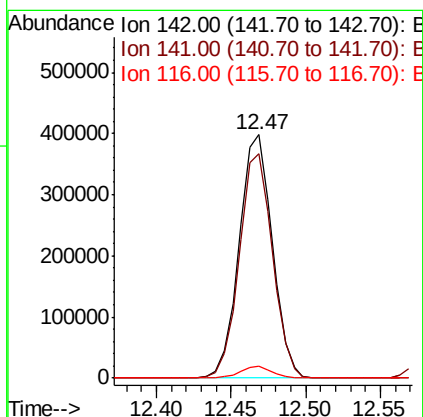
RT: 12.47 min Scan# 1612

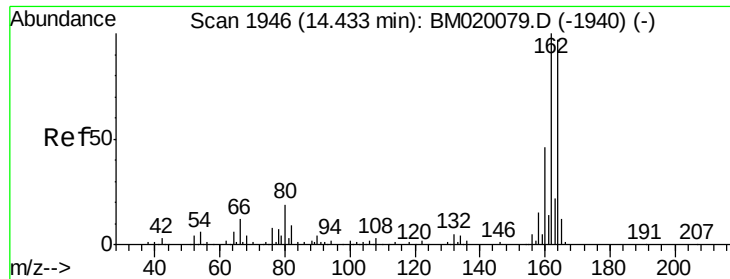
Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	142	Resp:	610697
Ion Ratio	Lower	Upper	
142	100		
141	92.1	74.8	112.2
116	4.8	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: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

IDOC SOIL-HP1

Tot Ion:164 Resp: 258378

Ion Ratio Lower Upper

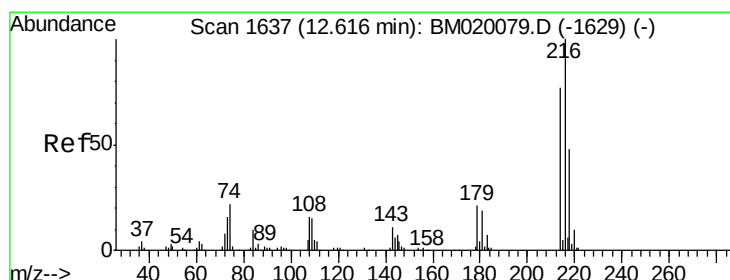
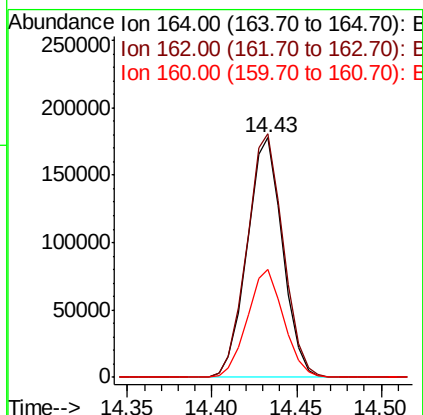
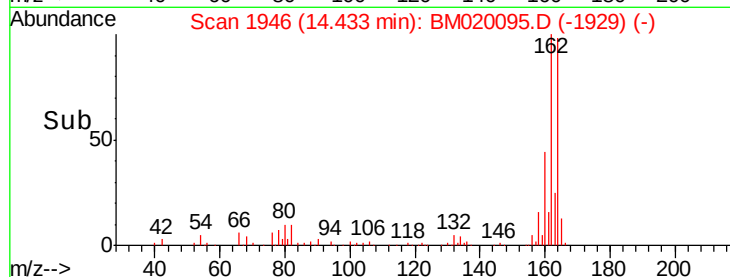
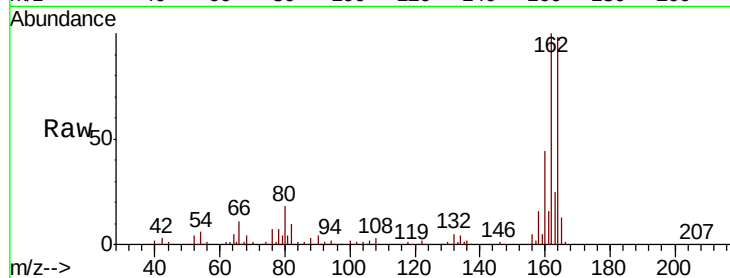
164 100

162 101.7 82.2 123.2

160 45.1 37.6 56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.641 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:216 Resp: 410830

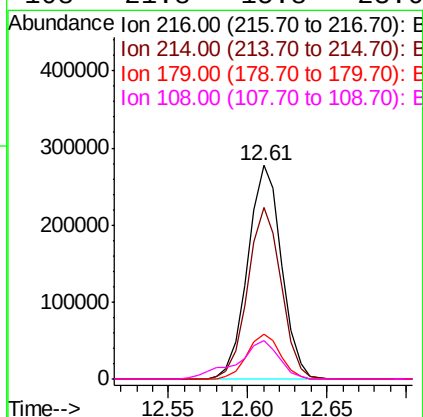
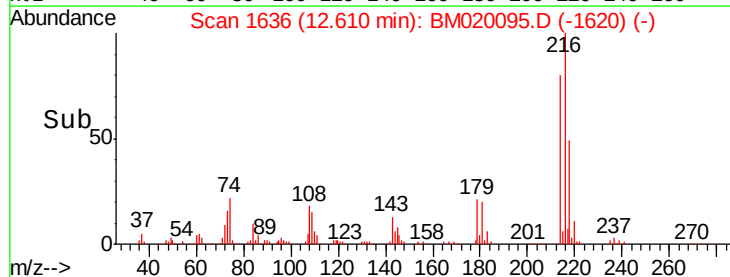
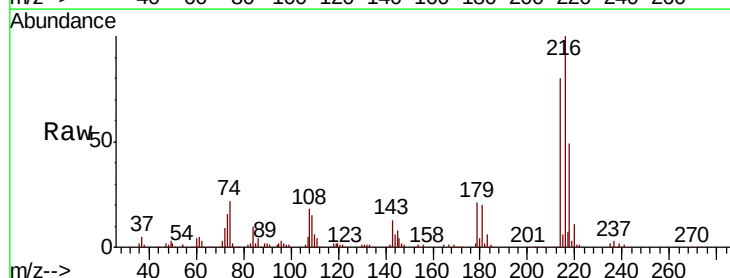
Ion Ratio Lower Upper

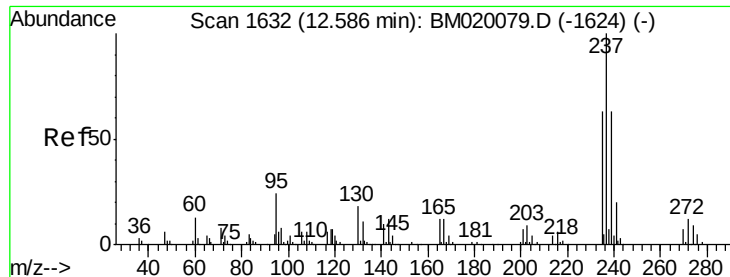
216 100

214 79.0 62.6 94.0

179 20.7 17.1 25.7

108 21.8 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 90.865 ng

RT: 12.59 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

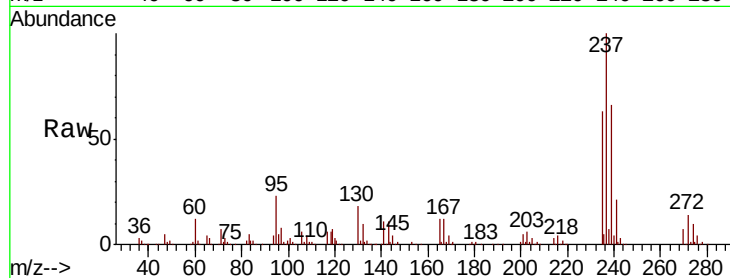
ClientSampleId :

IDOC SOIL-HP1

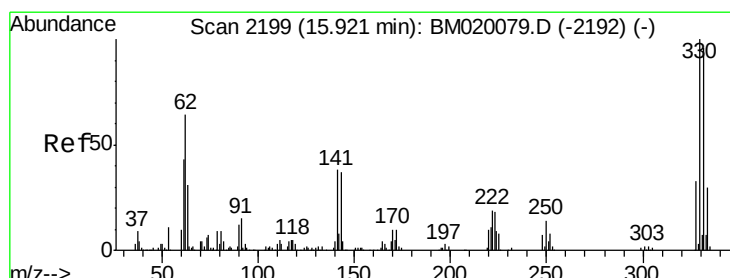
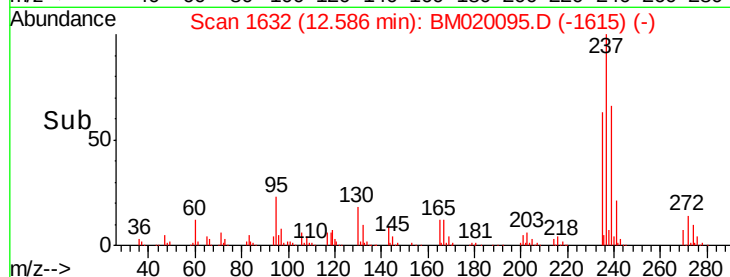
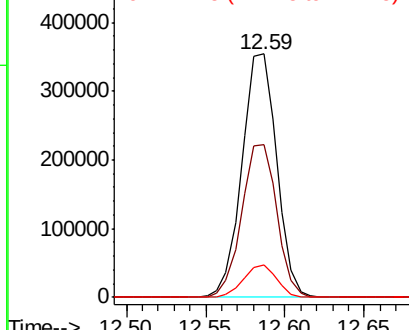
Tot Ion:	237	Resp:	540834
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.4	83.4
272	13.5	0.0	31.7

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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: 131.967 ng

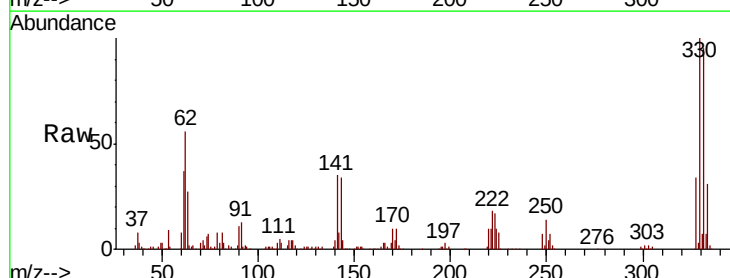
RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

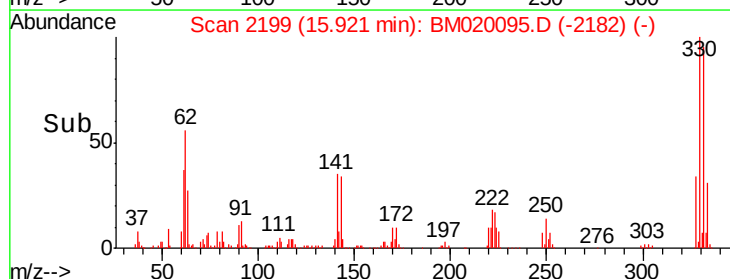
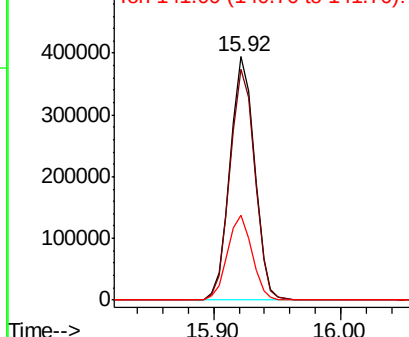
Lab File: BM020095.D

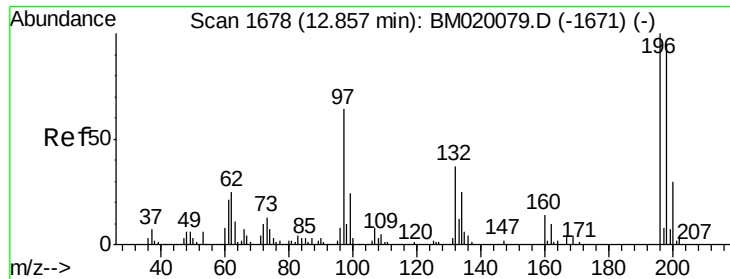
Acq: 01 May 2019 18:04

Tgt Ion:	330	Resp:	529256
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	34.8	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





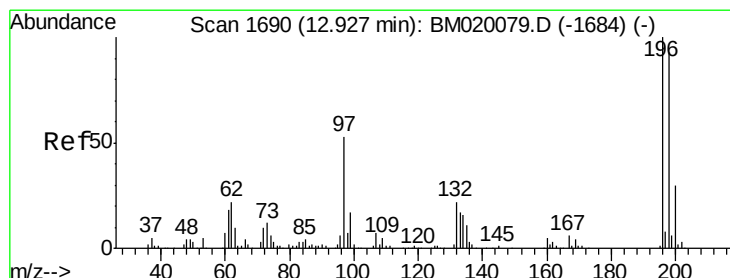
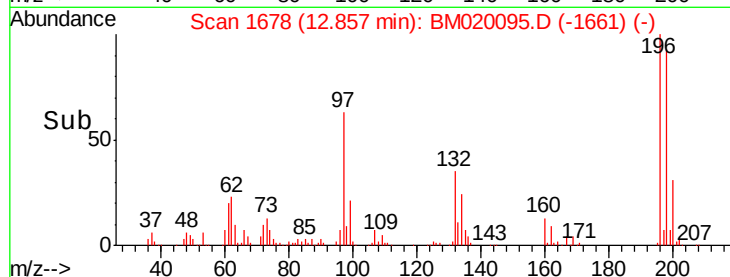
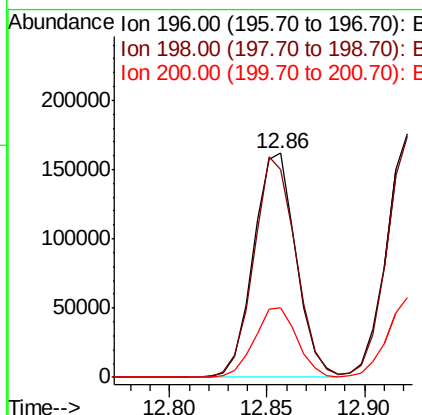
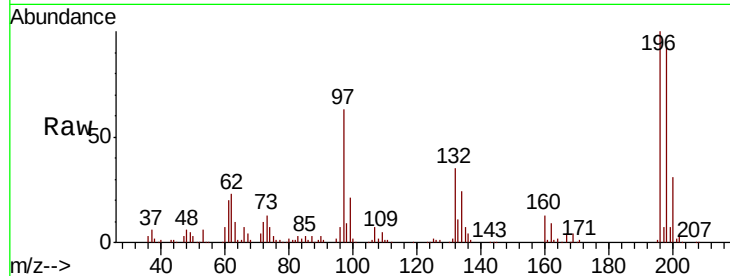
#43
 2,4,6-Trichlorophenol
 Concen: 42.303 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.2	114.2
200	30.9	24.3	36.5

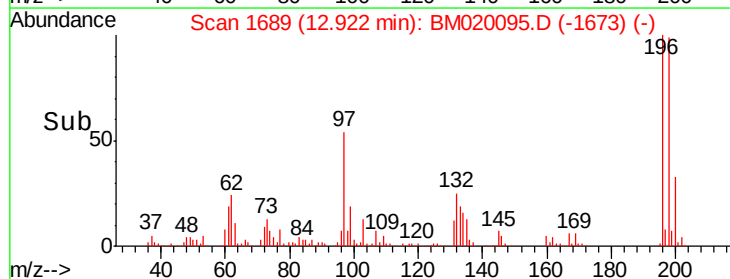
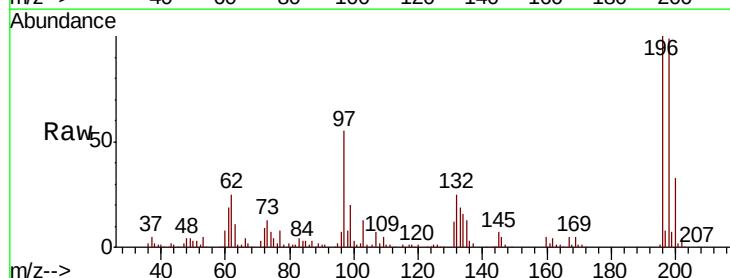
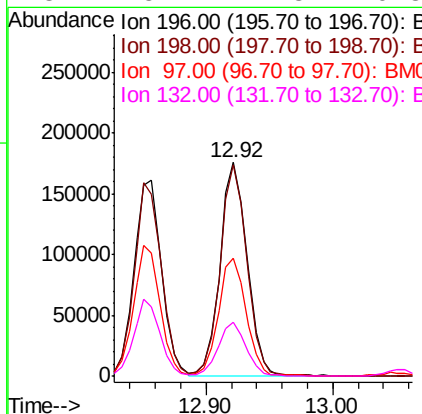
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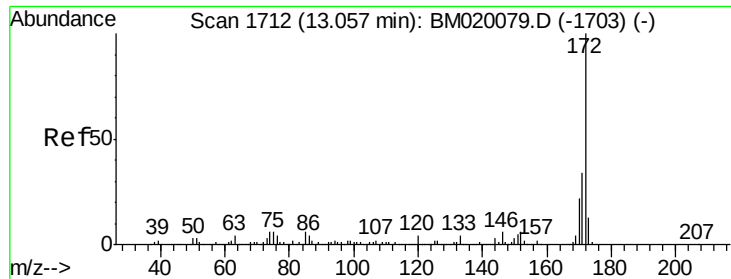
Sohil
 5/2/2019 4:55:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.180 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	74.7	112.1
97	55.2	42.2	63.4
132	25.1	17.8	26.8





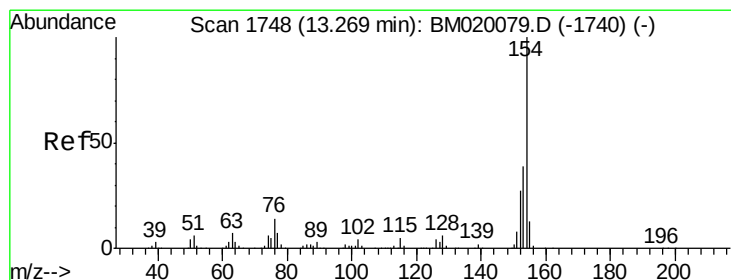
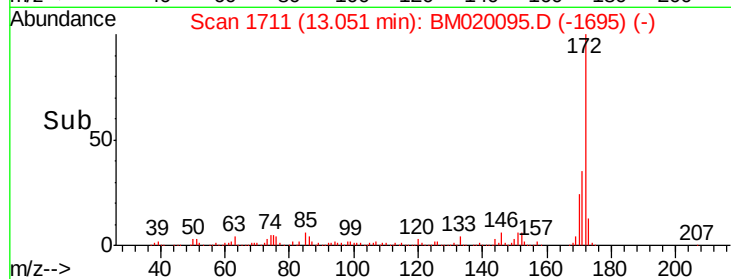
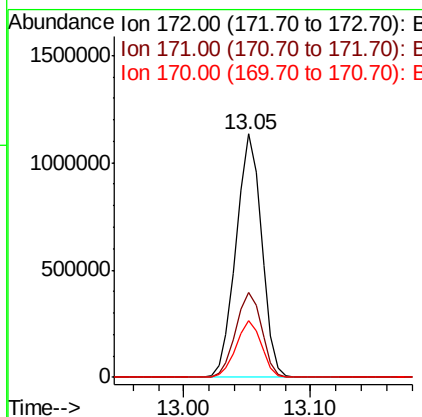
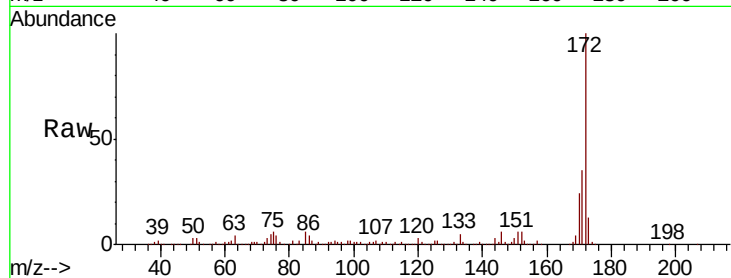
#45
2-Fluorobiphenyl
Concen: 75.324 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.5	17.9	26.9

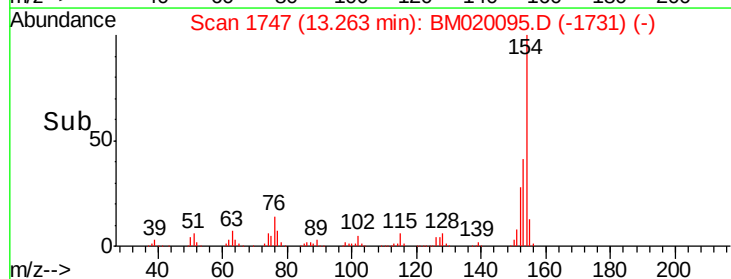
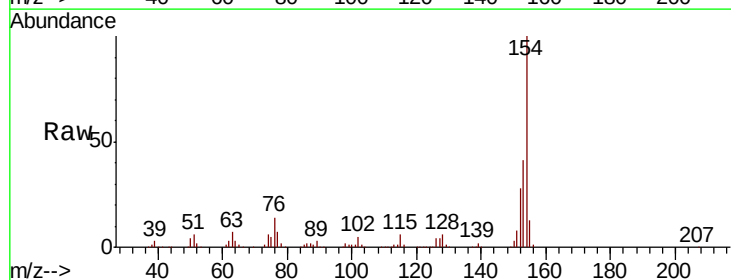
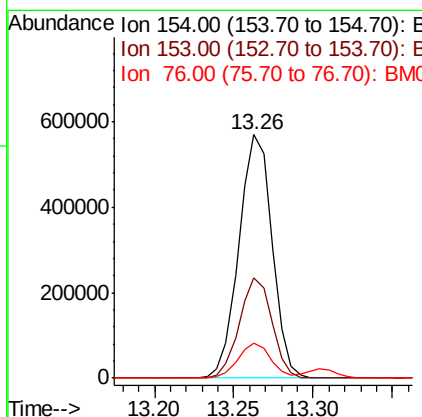
Manual Integrations
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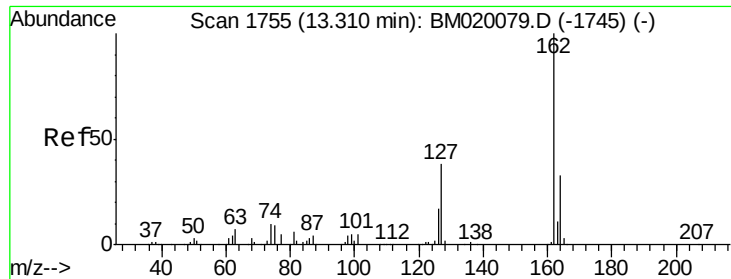
Sohil
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#46
1,1'-Biphenyl
Concen: 38.877 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.4	59.4
76	14.5	0.0	34.5





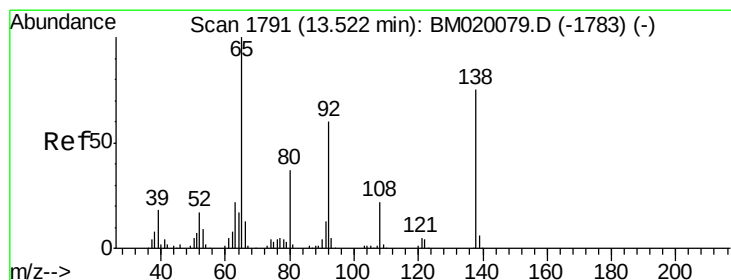
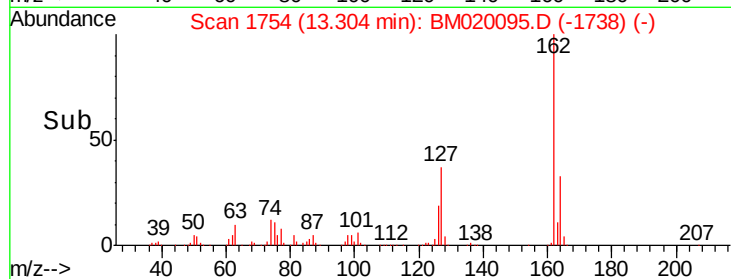
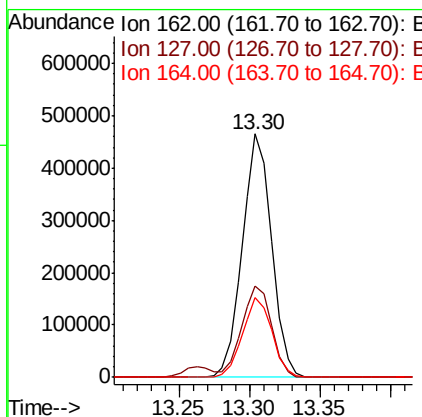
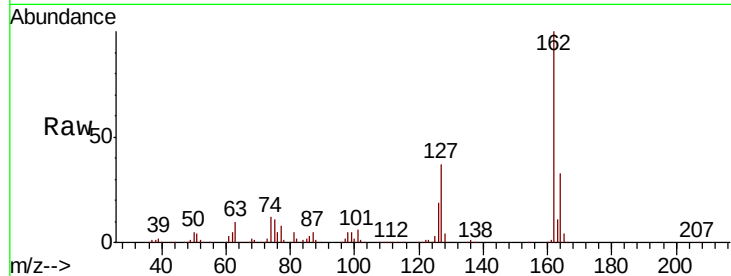
#47
2-Chloronaphthalene
Concen: 39.683 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion:	162	Resp:	673814
Ion Ratio	Lower	Upper	
162	100		
127	37.3	31.0	46.4
164	32.6	26.2	39.2

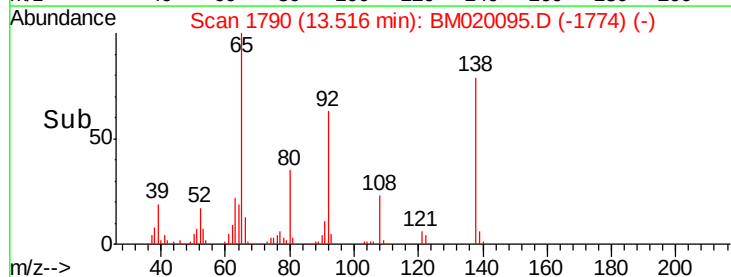
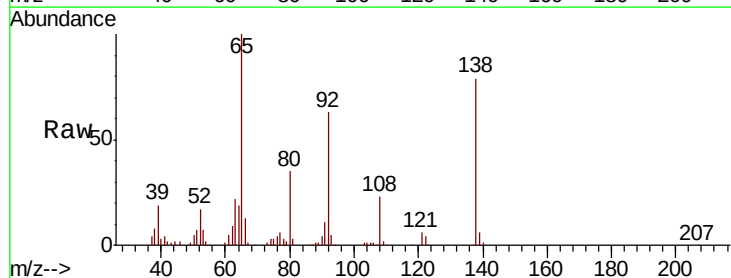
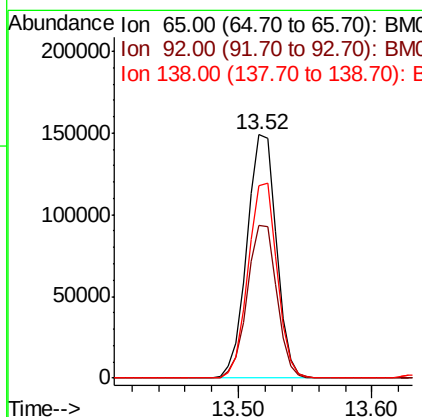
Manual Integrations
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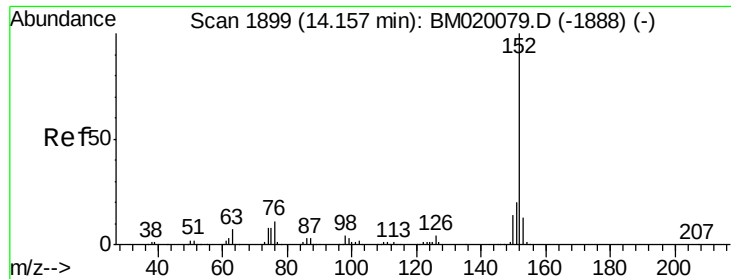
Sohil
5/2/2019 4:55:24 PM



#48
2-Nitroaniline
Concen: 37.264 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:	65	Resp:	225263
Ion Ratio	Lower	Upper	
65	100		
92	62.9	48.2	72.4
138	79.3	60.3	90.5





#49

Acenaphthylene

Concen: 37.367 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

IDOC SOIL-HP1

Tot Ion:152 Resp: 1015438

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

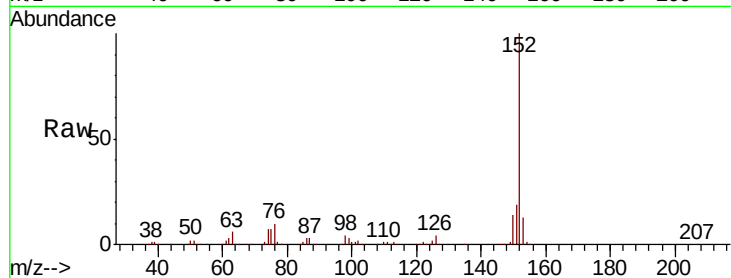
153 13.2 10.6 16.0

Manual Integrations

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

800000

600000

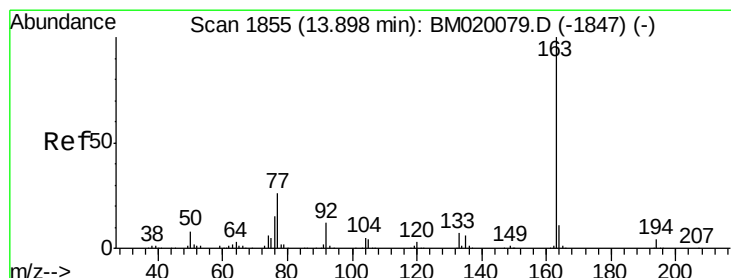
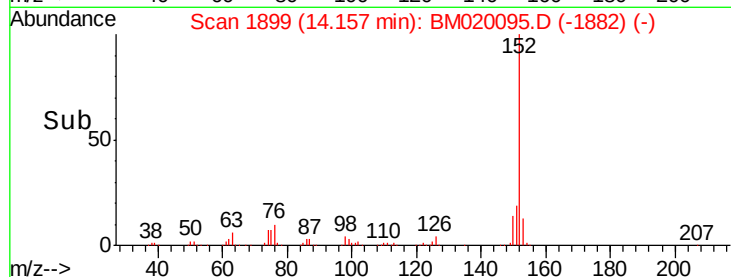
400000

200000

0

14.10 14.16 14.20

Time-->



#50

Dimethylphthalate

Concen: 37.299 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

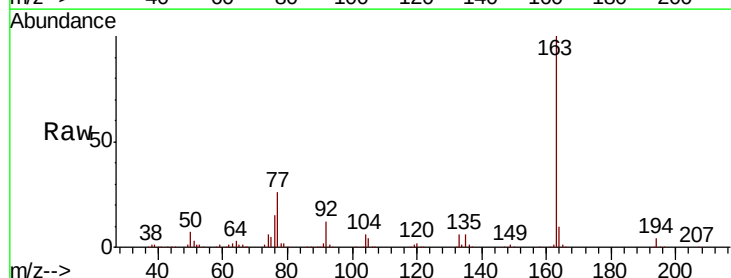
Tgt Ion:163 Resp: 819084

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

800000

600000

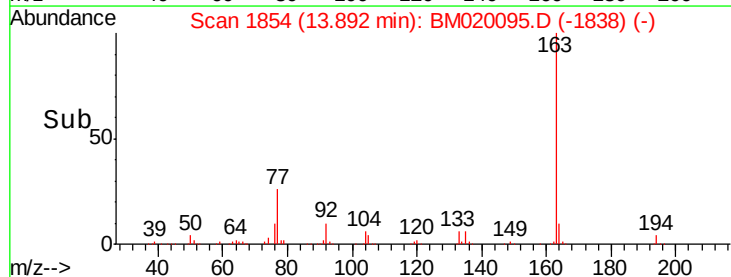
400000

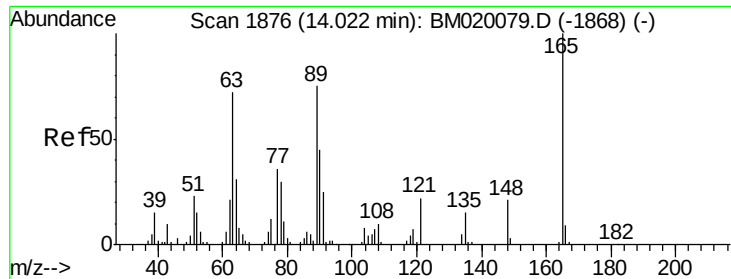
200000

0

13.80 13.89 14.00

Time-->





#51

2,6-Dinitrotoluene

Concen: 37.597 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

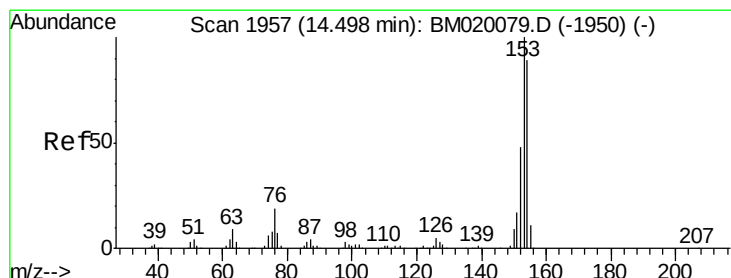
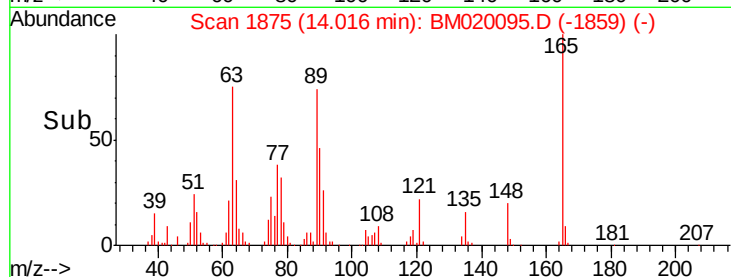
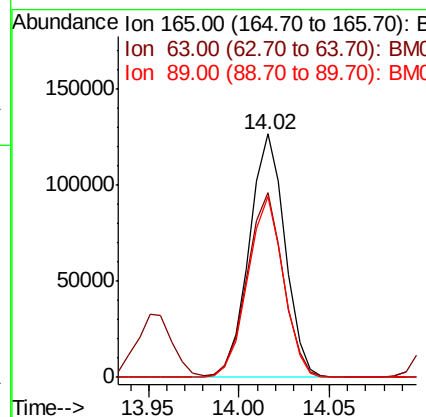
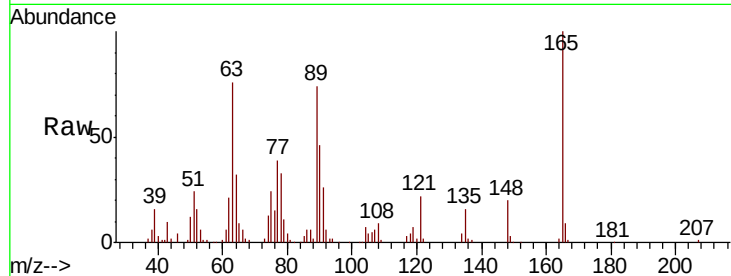
ClientSampleId :

IDOC SOIL-HP1

Tot Ion:	165	Resp:	173896
Ion Ratio	Lower	Upper	
165	100		
63	75.8	60.3	90.5
89	74.2	59.8	89.6

Manual Integrations
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#52

Acenaphthene

Concen: 38.092 ng

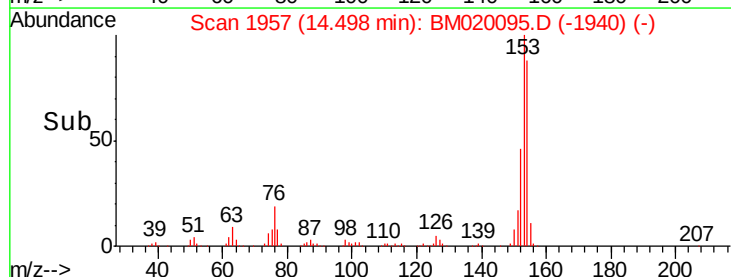
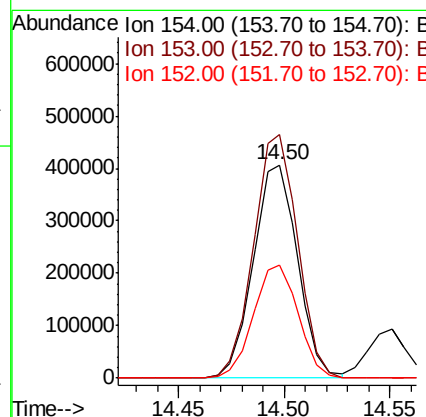
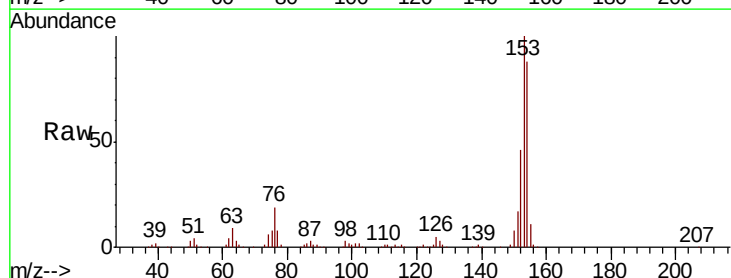
RT: 14.50 min Scan# 1957

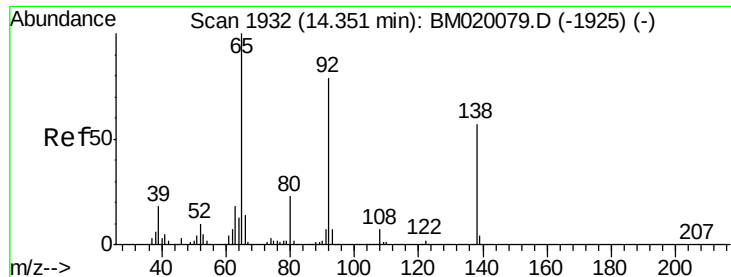
Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	154	Resp:	593611
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.2	135.2
152	52.9	43.0	64.4





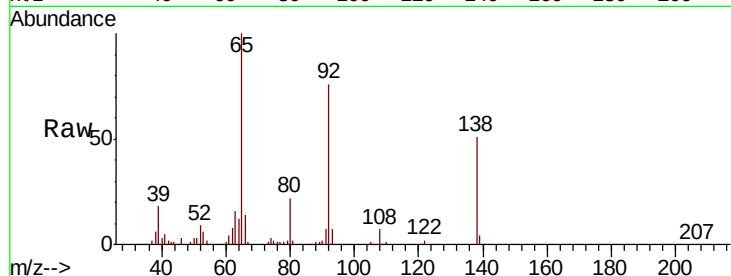
#53
3-Nitroaniline
Concen: 23.138 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.1	10.4	15.6
92	147.4	111.3	166.9

Manual Integrations
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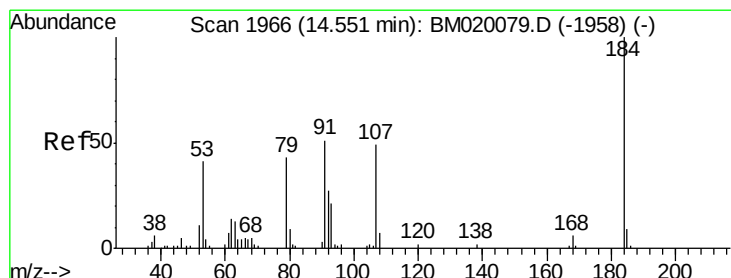
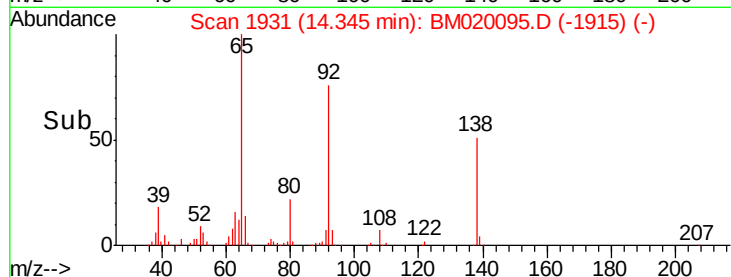
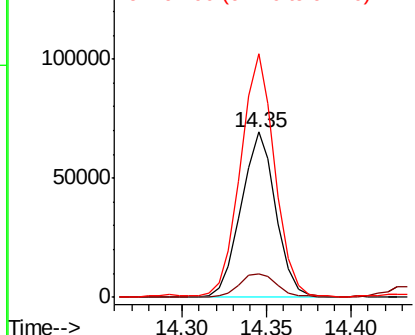


Abundance

Ion 138.00 (137.70 to 138.70): E

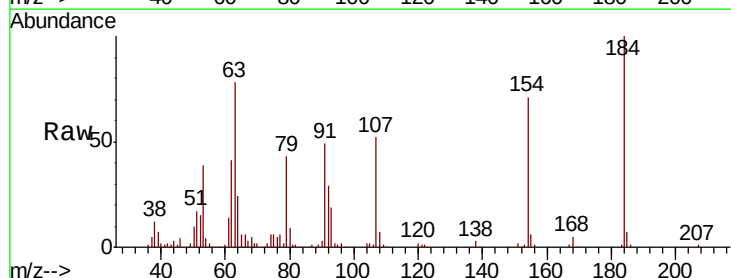
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 77.477 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.1	68.9	103.3
154	70.6	54.4	81.6

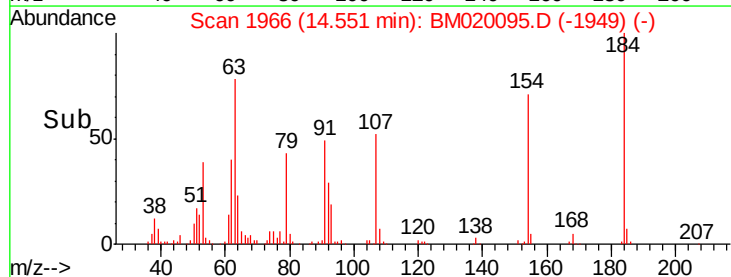
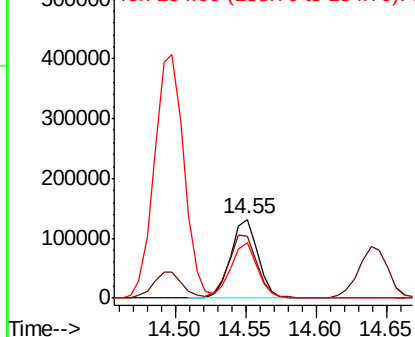


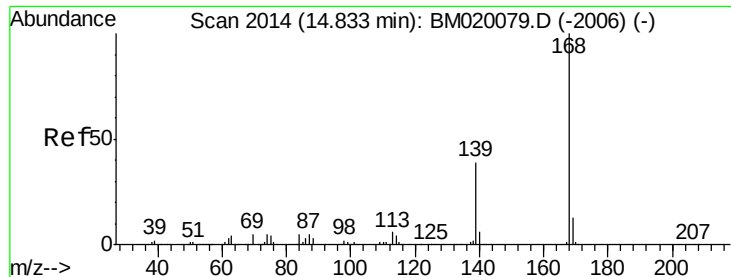
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





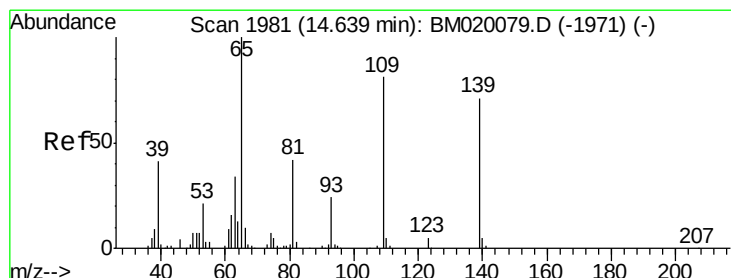
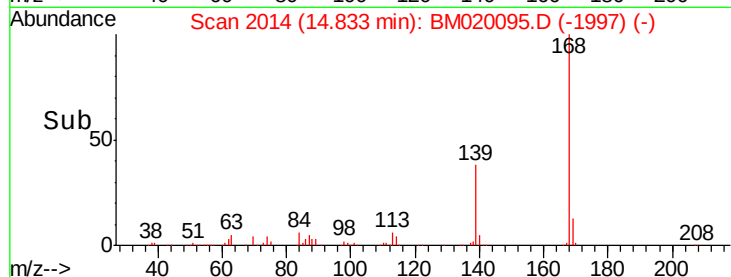
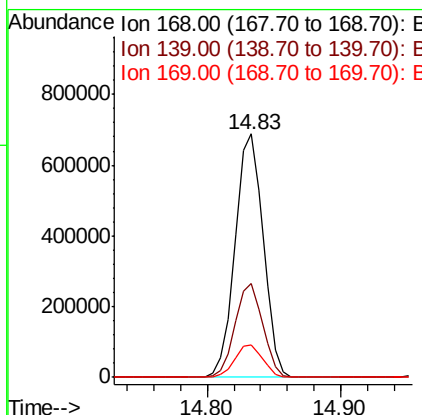
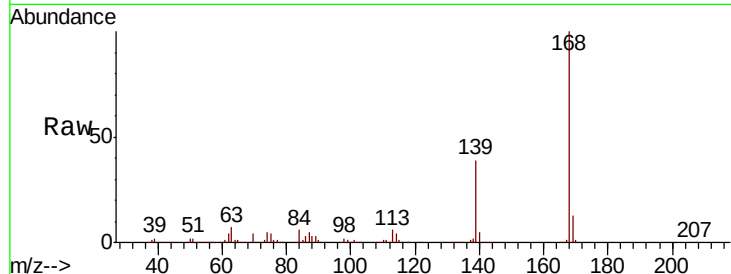
#55
Dibenzofuran
Concen: 38.291 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	13.2	10.6	16.0

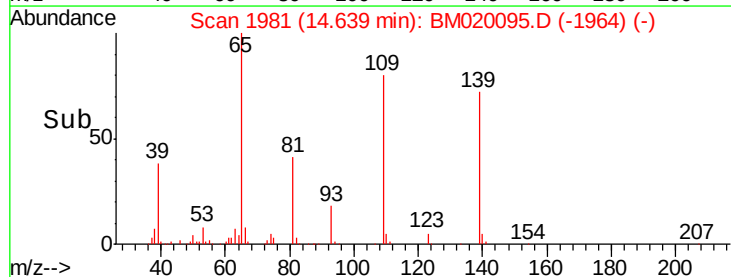
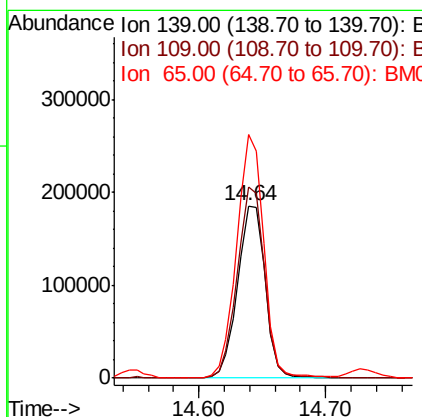
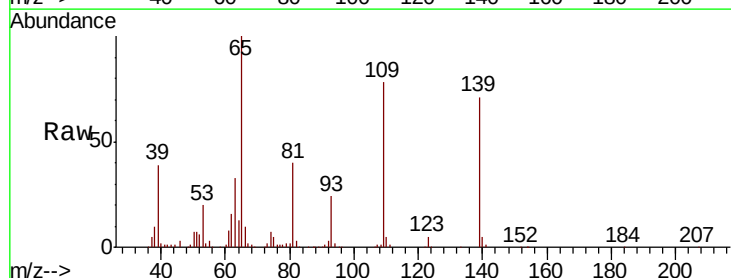
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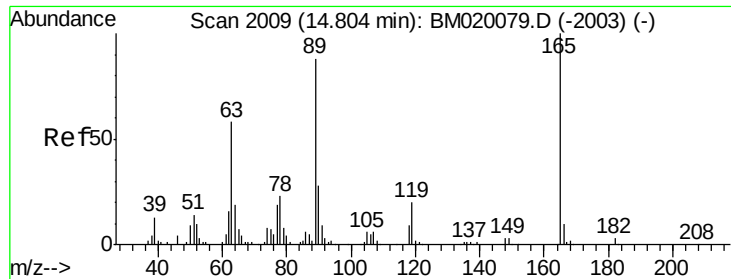
Sohil
5/2/2019 4:55:24 PM



#56
4-Nitrophenol
Concen: 76.390 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.9	94.1	134.1
65	141.3	120.9	160.9





#57

2,4-Dinitrotoluene

Concen: 37.208 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

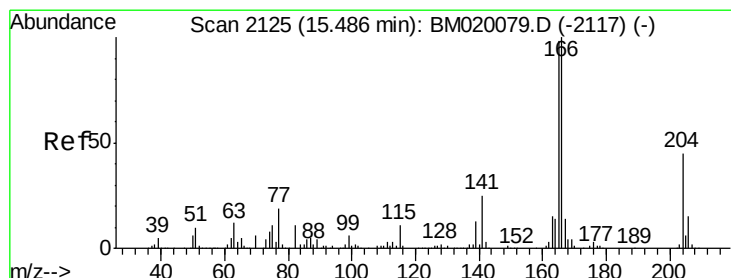
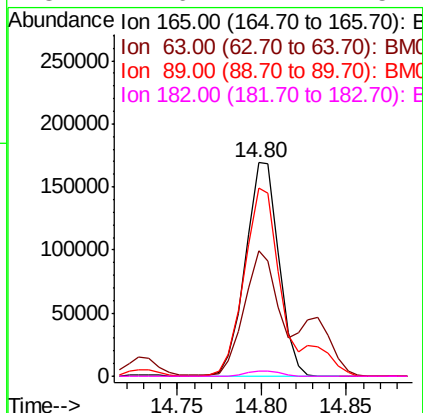
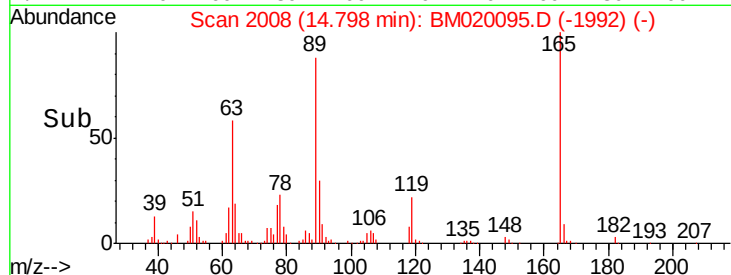
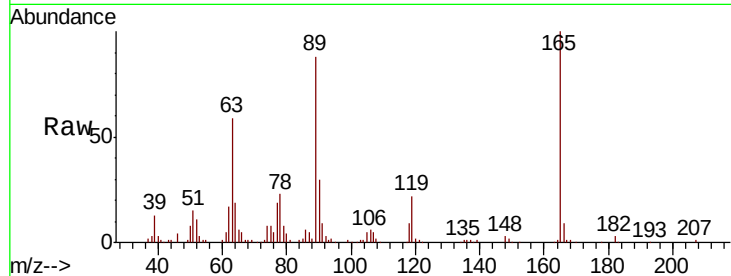
ClientSampled :

IDOC SOIL-HP1

Tot Ion:	165	Resp:	233850
Ion Ratio	Lower	Upper	
165	100		
63	58.8	46.2	69.2
89	88.2	70.6	105.8
182	2.6	2.2	3.2

Manual Integrations
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5/2/2019 4:55:24 PM



#58

Fluorene

Concen: 36.580 ng

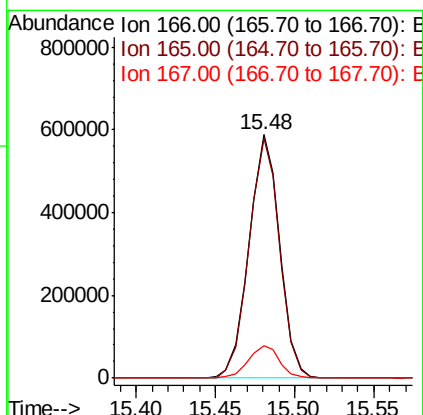
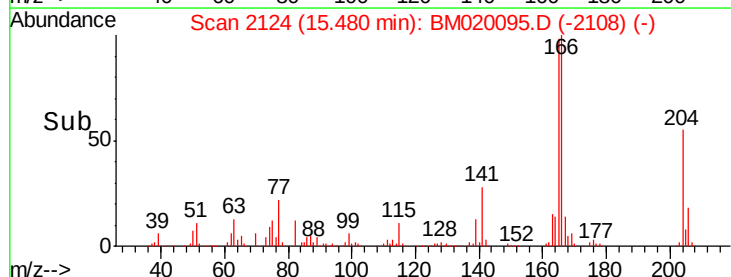
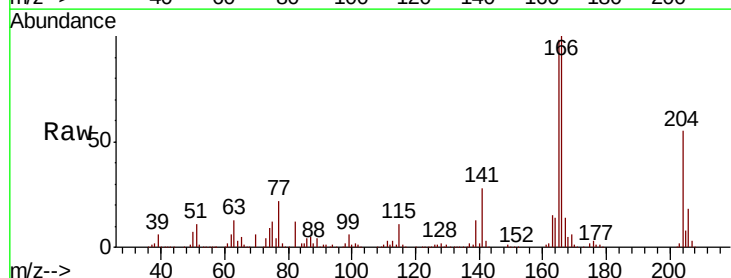
RT: 15.48 min Scan# 2124

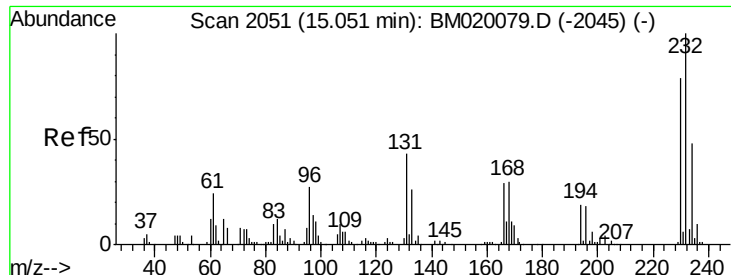
Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	166	Resp:	789686
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.2	117.2
167	13.6	11.0	16.4





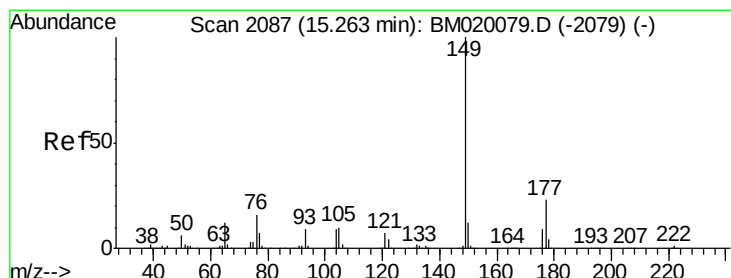
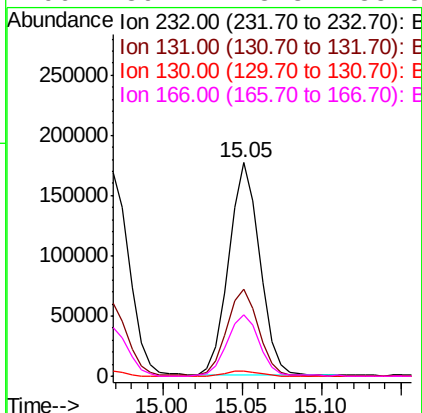
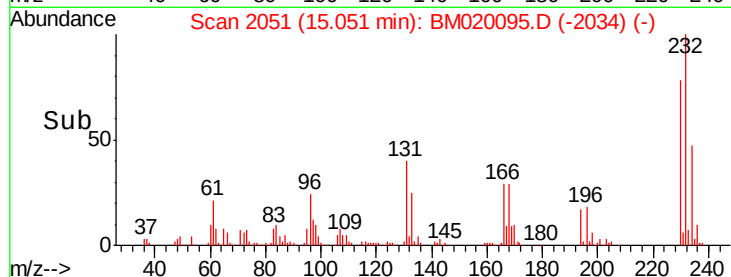
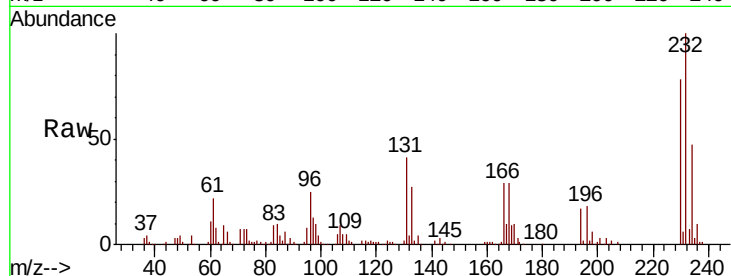
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.391 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
232	100	240247		
131	41.5	34.2	51.4	
130	2.5	2.0	3.0	
166	30.2	23.8	35.8	

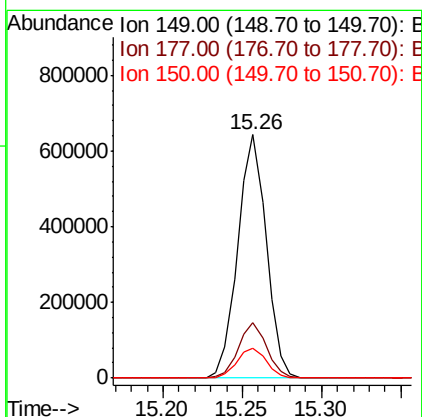
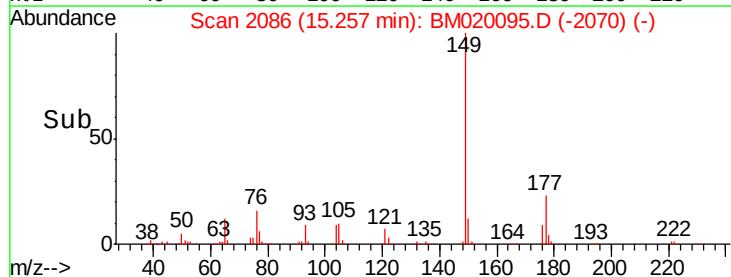
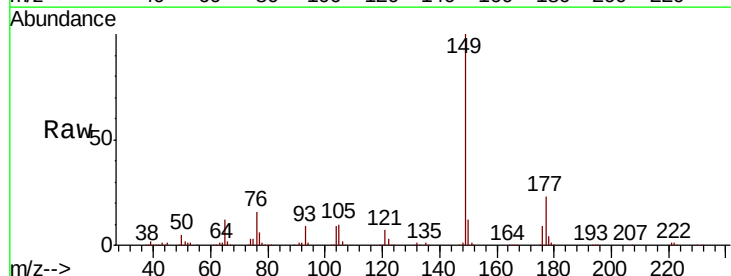
Manual Integrations
 APPROVED

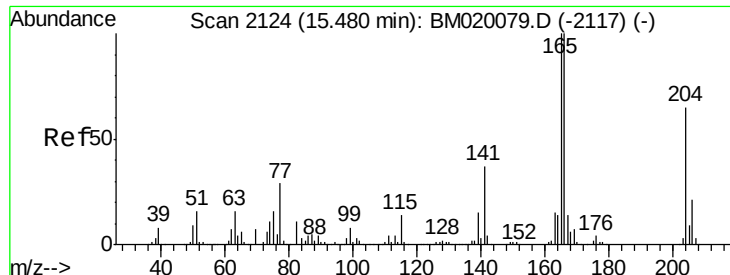
Sohil
 5/2/2019 4:55:24 PM



#60
 Diethylphthalate
 Concen: 36.294 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802997		
177	22.8	18.2	27.4	
150	12.5	9.9	14.9	





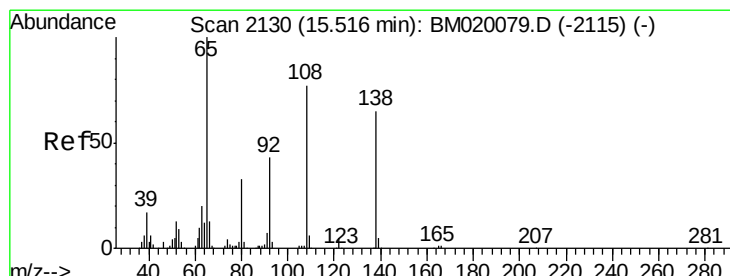
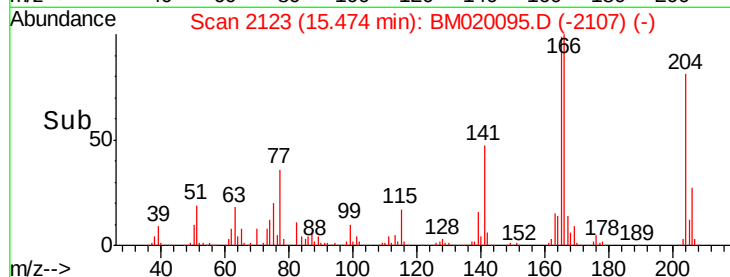
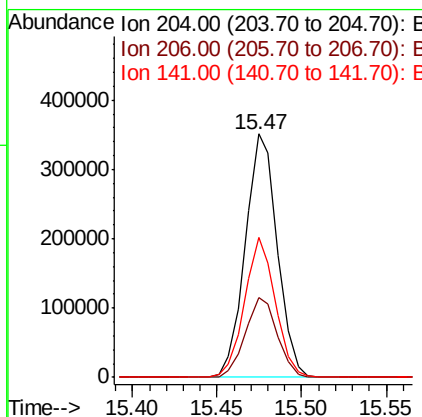
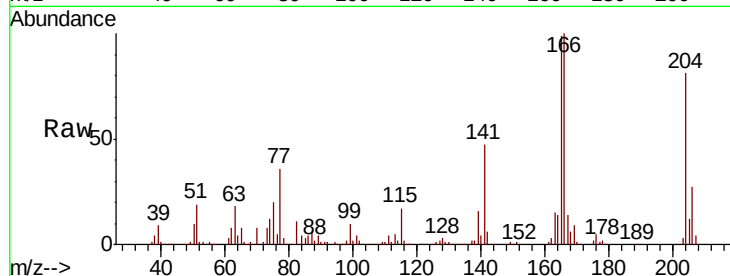
#61
 4-Chlorophenyl-phenylether
 Concen: 37.866 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Tot Ion	Ratio	Resp	Lower	Upper
204	100	463170		
206	32.7	25.6	38.4	
141	57.6	46.1	69.1	

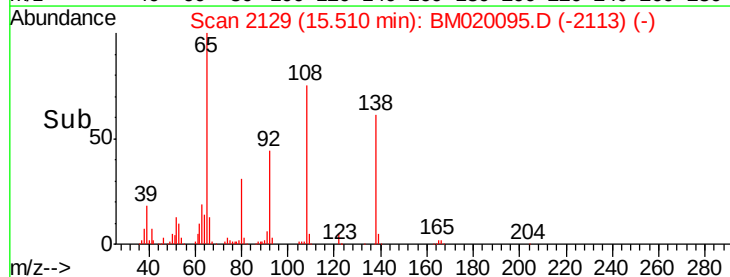
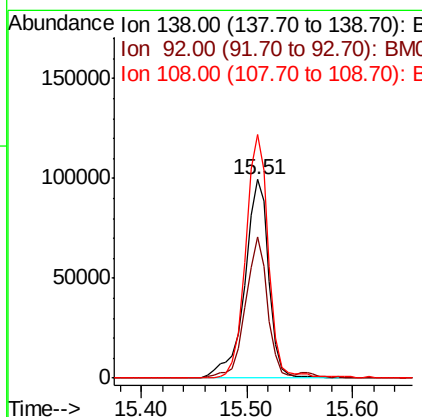
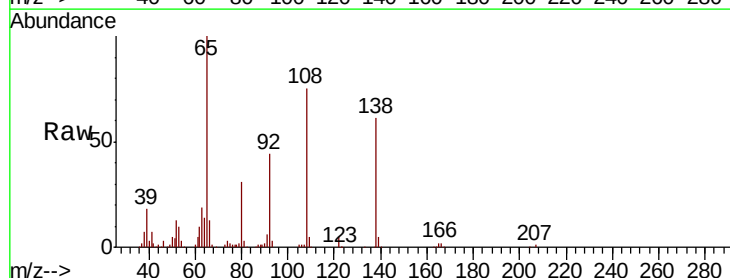
Manual Integrations
 APPROVED

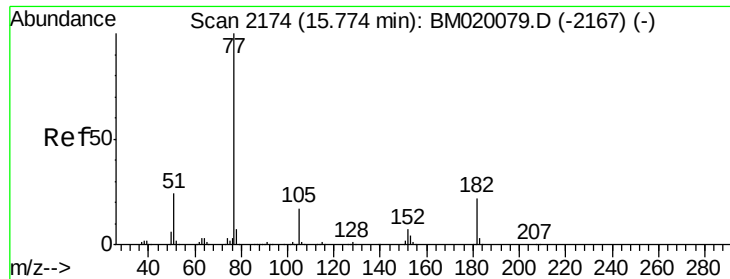
Sohil
 5/2/2019 4:55:24 PM



#62
 4-Nitroaniline
 Concen: 33.429 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158371		
92	71.1	45.9	85.9	
108	122.8	97.7	137.7	





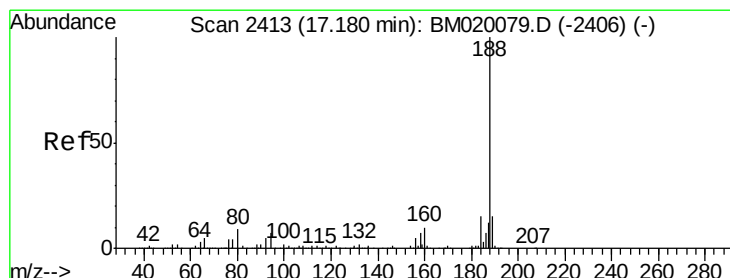
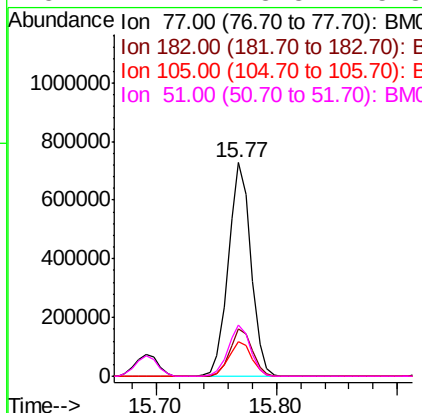
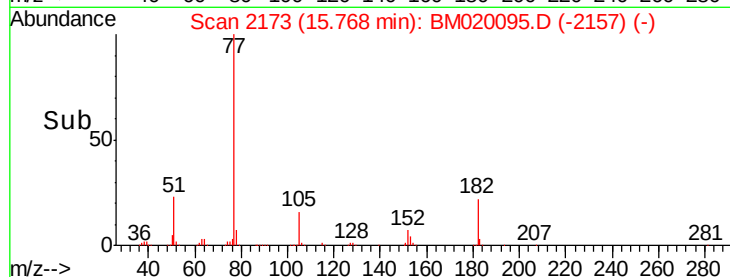
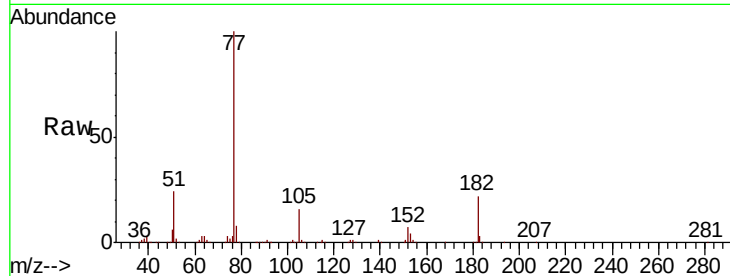
#63
Azobenzene
Concen: 36.034 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.0	2.1	42.1		
105	16.0	0.0	36.8		
51	24.1	3.8	43.8		

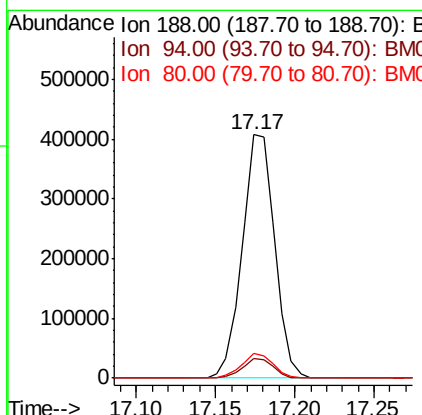
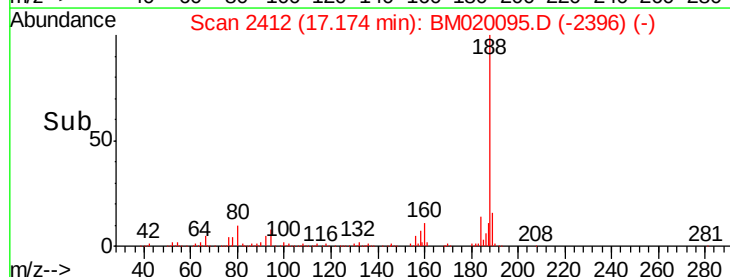
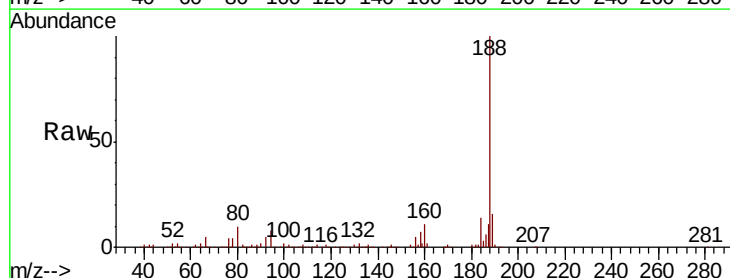
Manual Integrations
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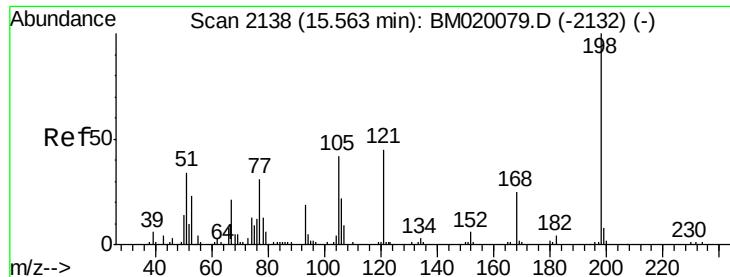
Sohil
5/2/2019 4:55:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	5.8	8.6		
80	10.3	7.4	11.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.053 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

IDOC SOIL-HP1

Tot Ion:198 Resp: 109068

Ion Ratio Lower Upper

198 100

51 37.2 16.5 56.5

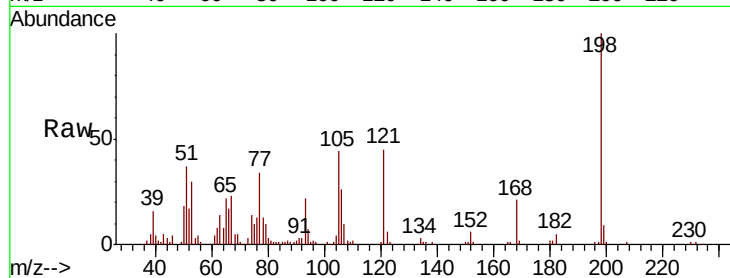
105 44.5 22.8 62.8

Manual Integrations

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Sohil

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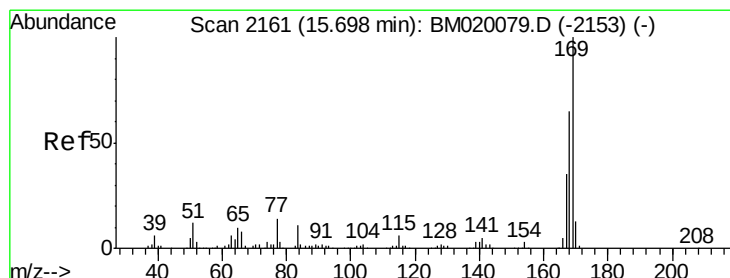
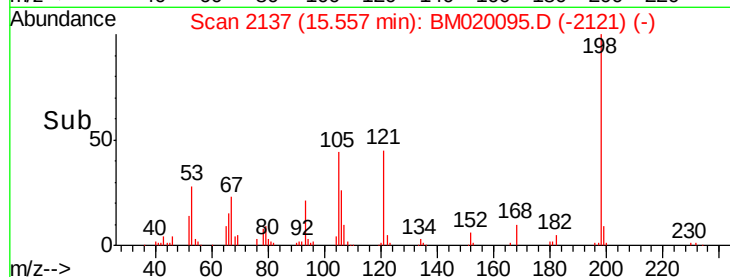
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM020079.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): E

15.56

Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.683 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

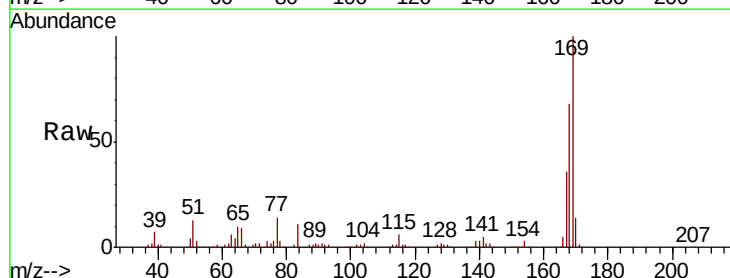
Tgt Ion:169 Resp: 690364

Ion Ratio Lower Upper

169 100

168 68.1 51.9 77.9

167 36.4 27.8 41.6



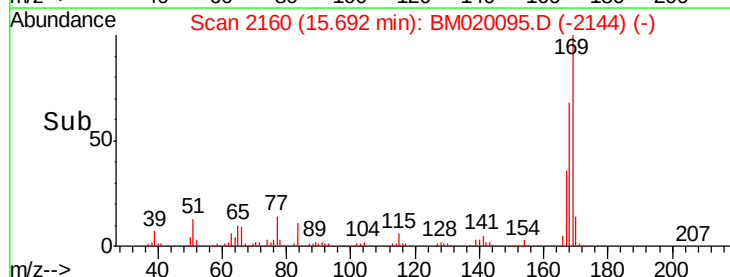
Abundance Ion 169.00 (168.70 to 169.70): E

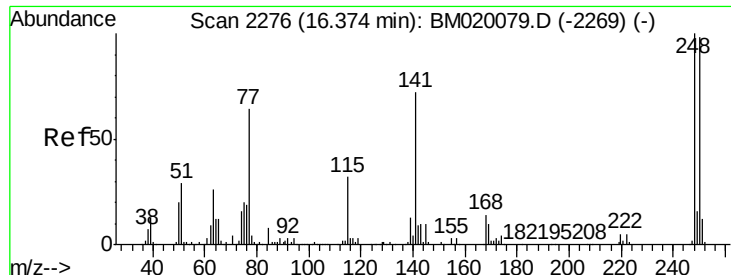
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.69

Time-->





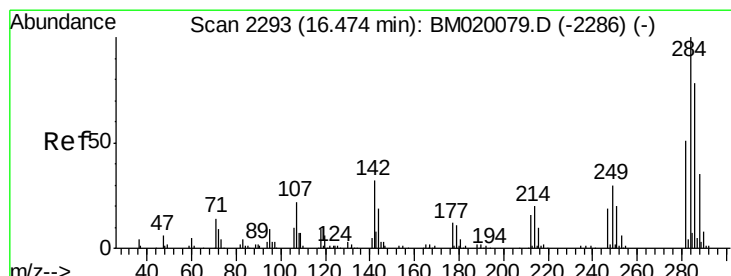
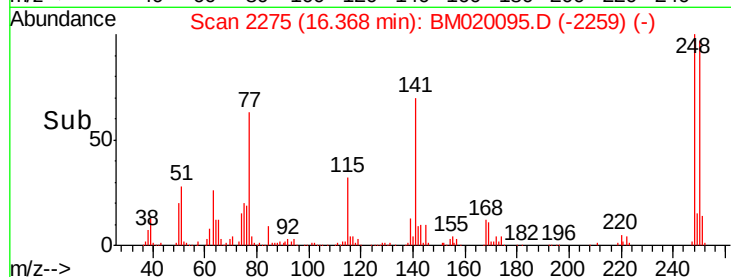
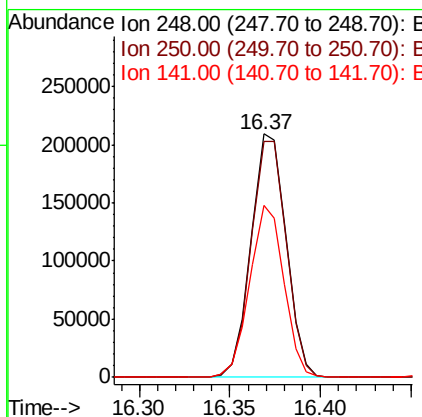
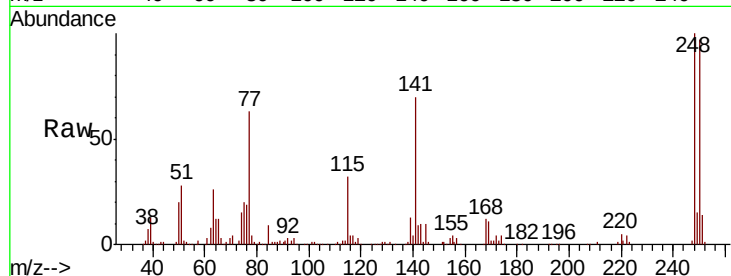
#67
 4-Bromophenyl-phenylether
 Concen: 39.864 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOCSOIL-HP1

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.4	117.6
141	70.4	57.4	86.2

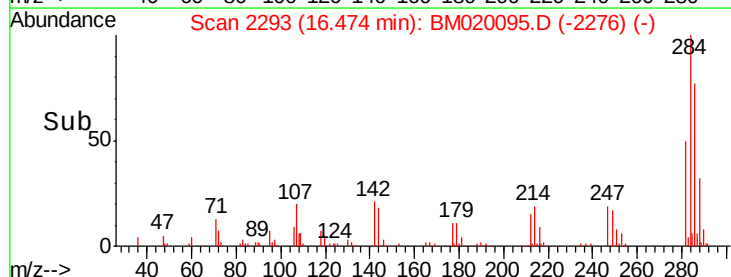
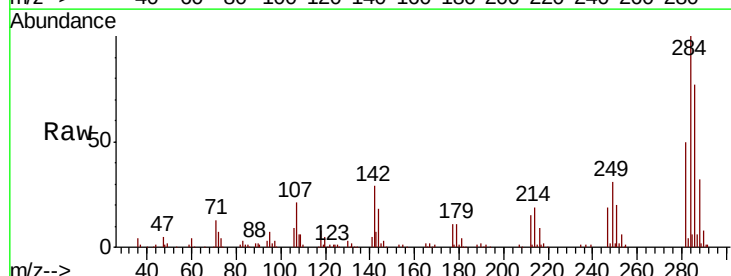
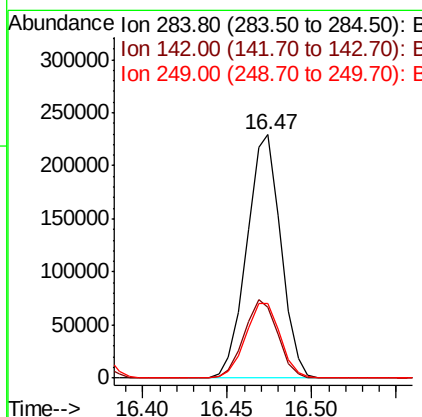
Manual Integrations
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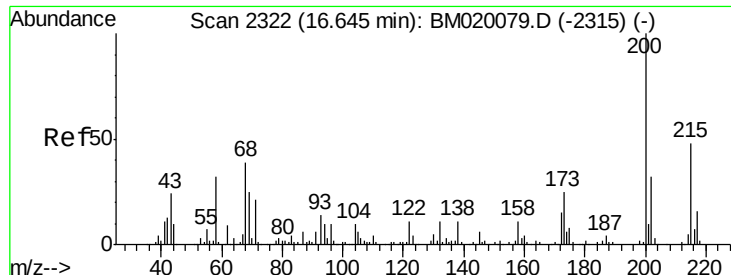
Sohil
 5/2/2019 4:55:24 PM



#68
 Hexachlorobenzene
 Concen: 39.563 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	25.2	37.8
249	30.5	23.6	35.4





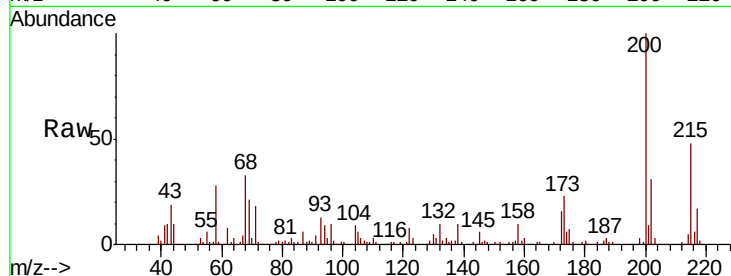
#69
Atrazine
Concen: 37.992 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampled :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.6	44.6
215	48.0	28.0	68.0

Manual Integrations
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Sohil
5/2/2019 4:55:24 PM

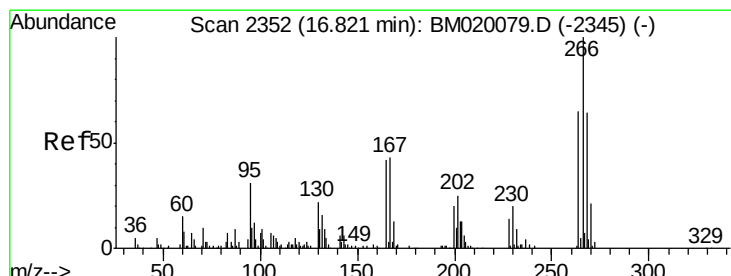
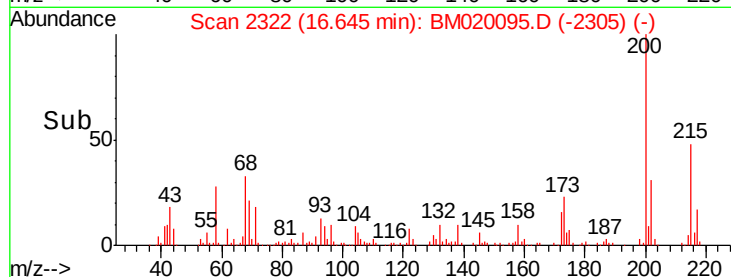
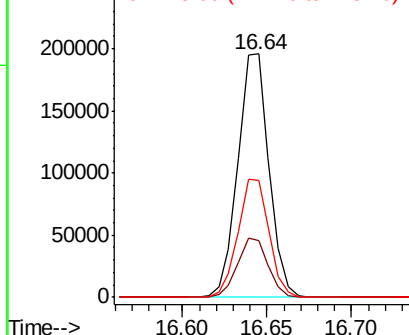


Abundance

Ion 200.00 (199.70 to 200.70): E

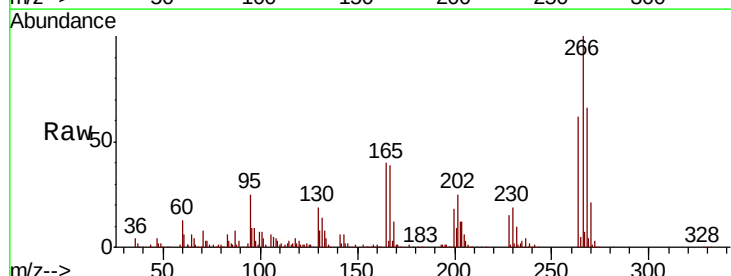
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.025 ng
RT: 16.82 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.4	77.0
264	62.0	52.0	78.0

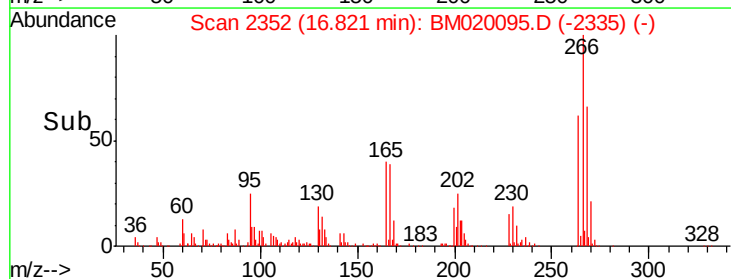
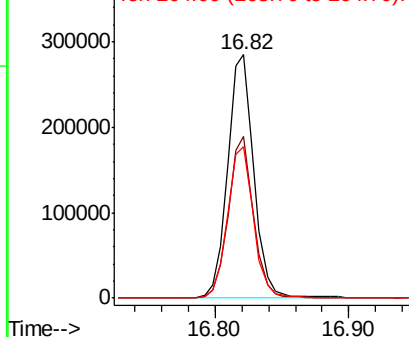


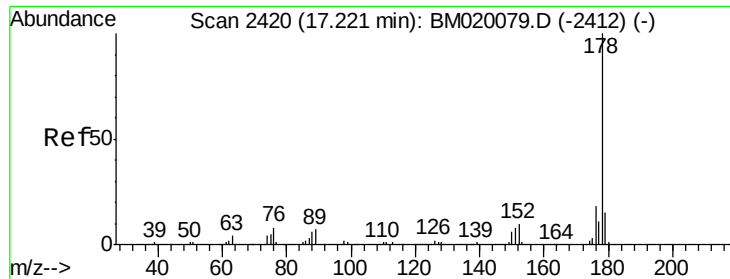
Abundance

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





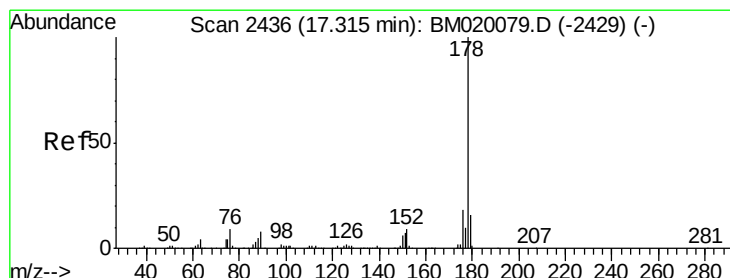
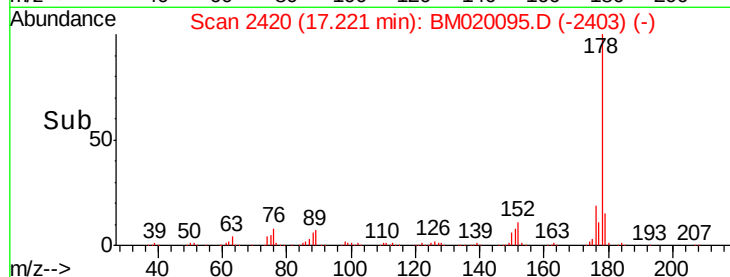
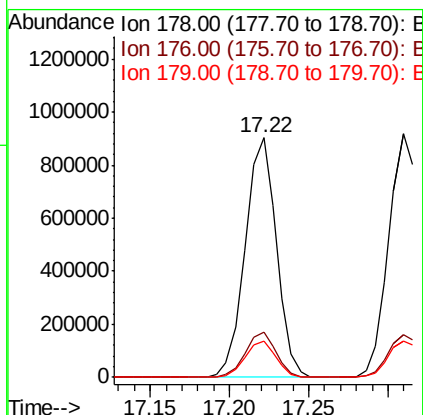
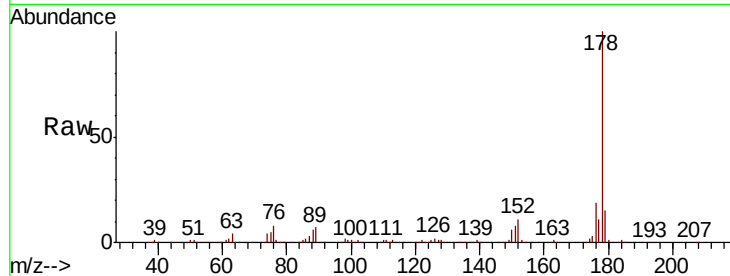
#71
Phenanthrene
Concen: 38.808 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.0	12.4	18.6

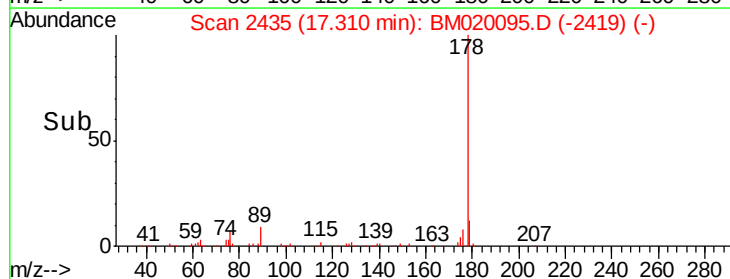
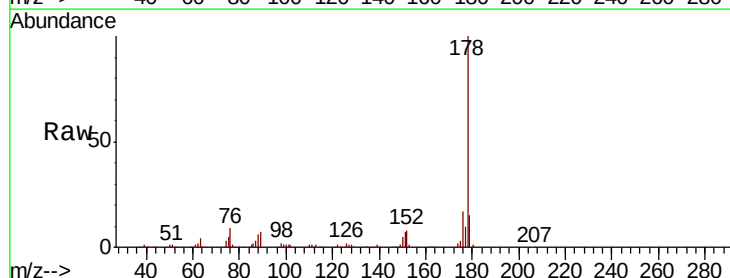
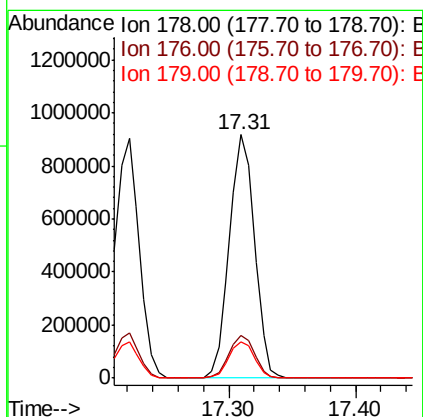
Manual Integrations
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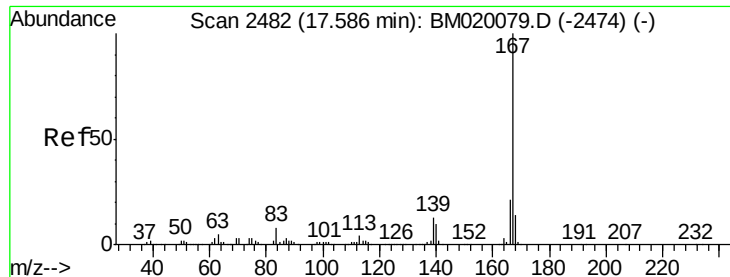
Sohil
5/2/2019 4:55:24 PM



#72
Anthracene
Concen: 39.589 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	15.0	12.4	18.6





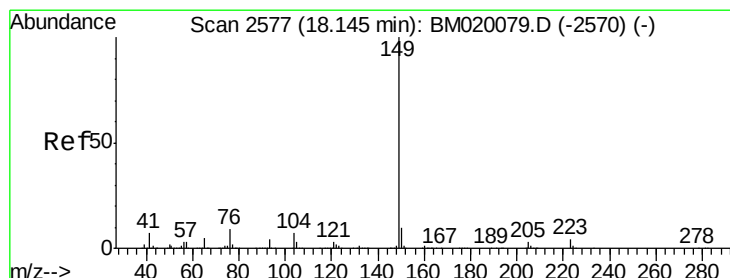
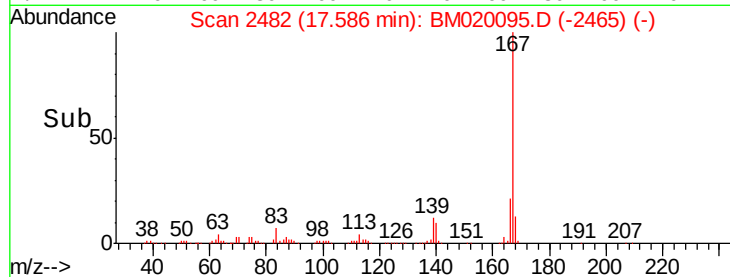
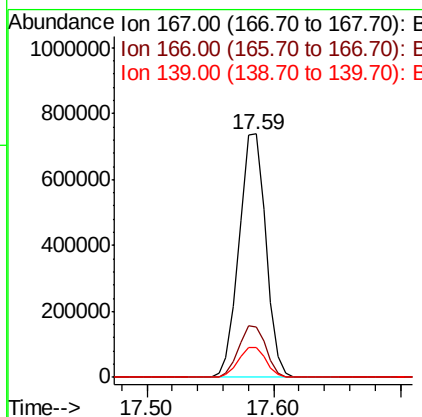
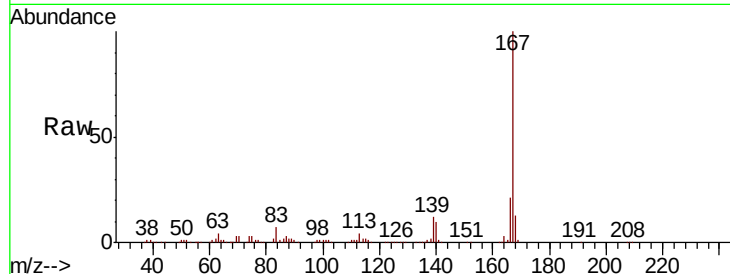
#73
 Carbazole
 Concen: 37.654 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.1	10.6	16.0

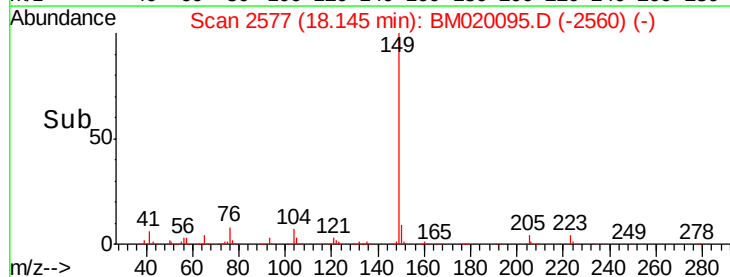
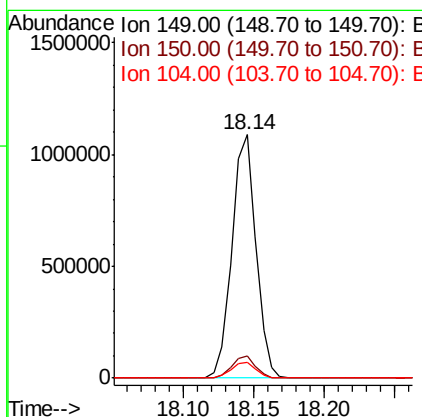
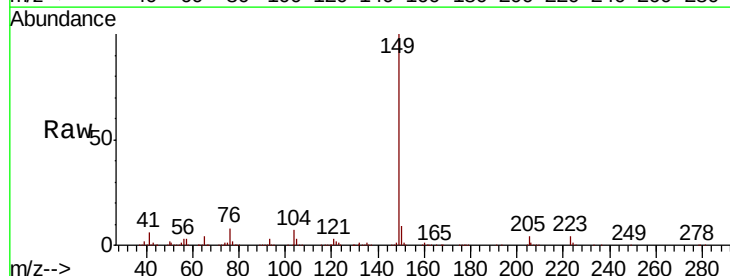
Manual Integrations
 APPROVED

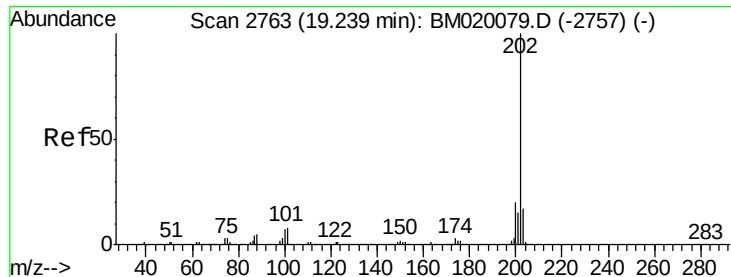
Sohil
 5/2/2019 4:55:24 PM



#74
 Di-n-butylphthalate
 Concen: 37.248 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.5	5.7	8.5





#75

Fluoranthene

Concen: 36.594 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

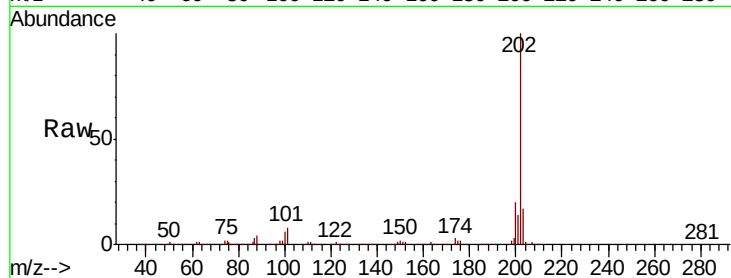
ClientSampled :

IDOC SOIL-HP1

Tot Ion:	202	Resp:	1473923
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	28.4
203	17.2	0.0	37.4

Manual Integrations
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Sohil
5/2/2019 4:55:24 PM

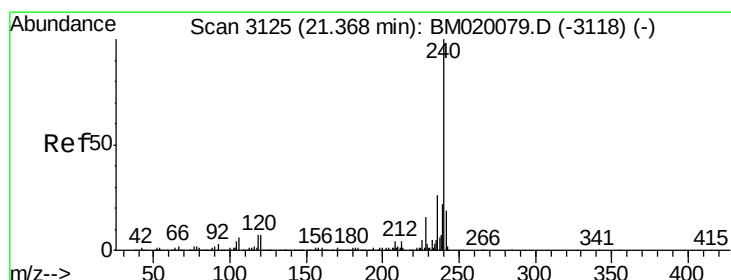
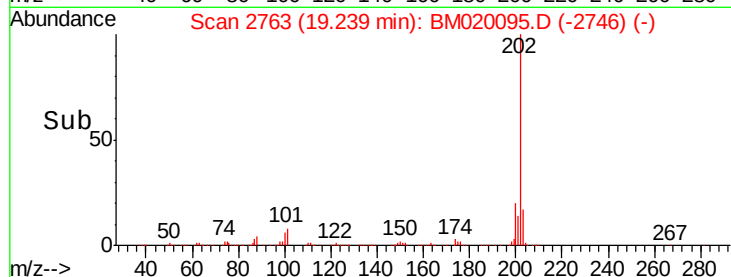
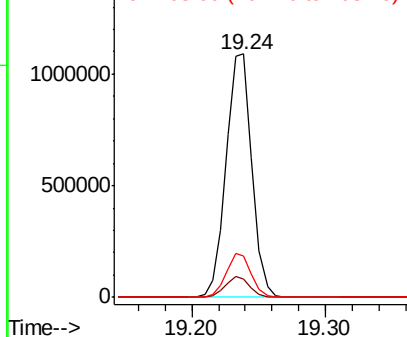


Abundance

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: BM020095.D

Acq: 01 May 2019 18:04

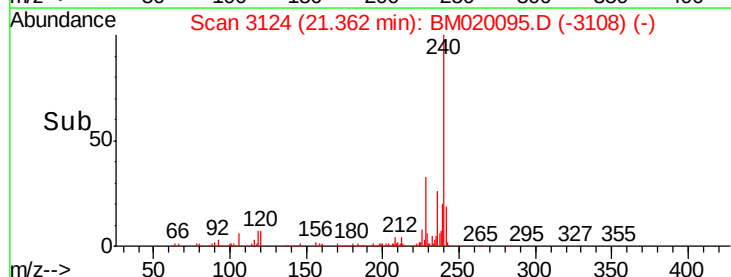
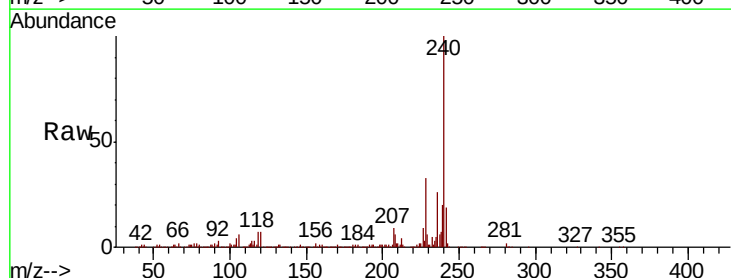
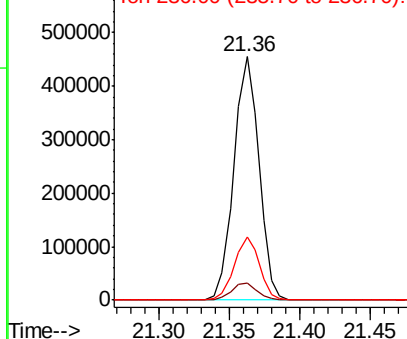
Tgt Ion:	240	Resp:	563660
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.6	8.4
236	26.2	20.9	31.3

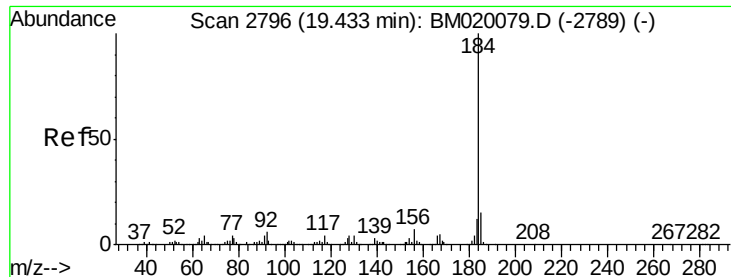
Abundance

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: 27.377 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

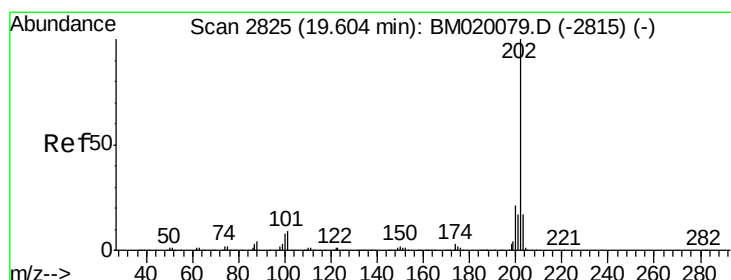
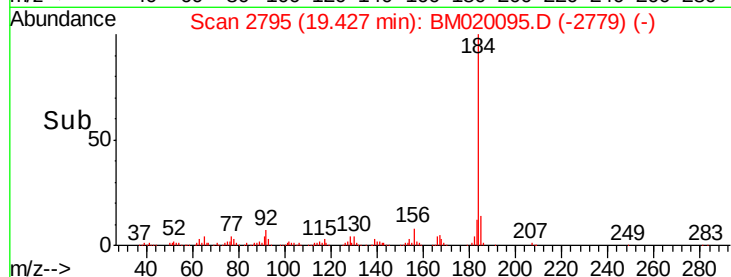
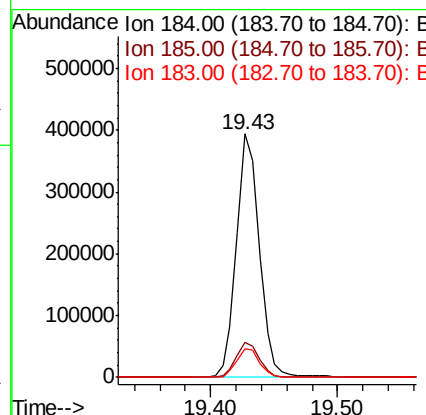
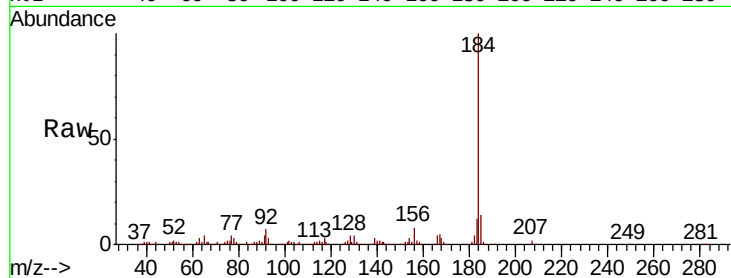
ClientSampleId :

IDOC SOIL-HP1

Tot Ion:	184	Resp:	493349
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.8	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 39.742 ng

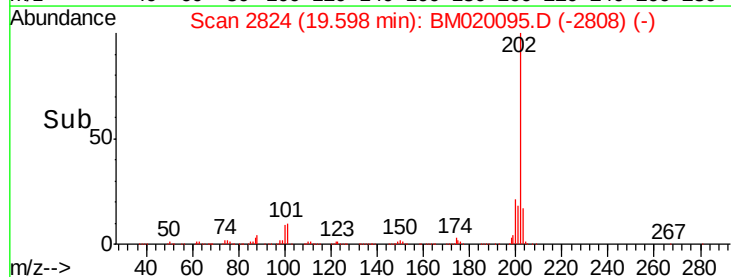
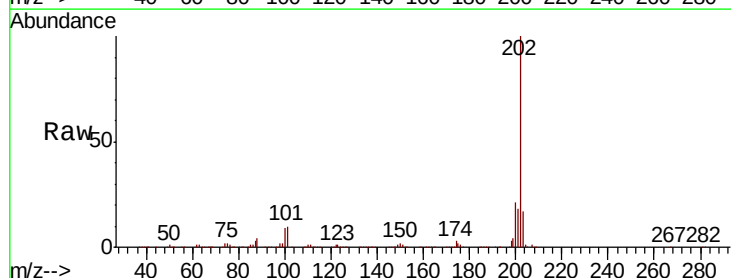
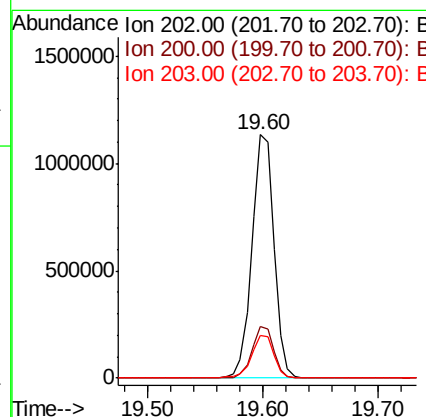
RT: 19.60 min Scan# 2824

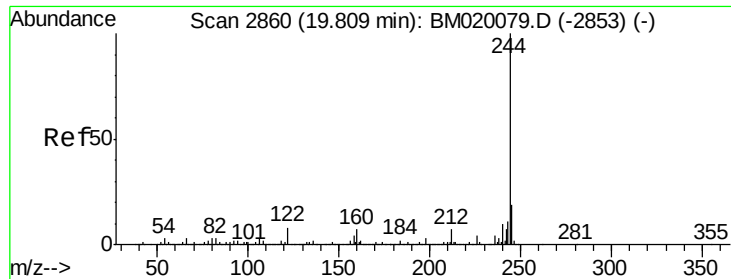
Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:	202	Resp:	1503980
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.5	24.7
203	17.4	13.9	20.9





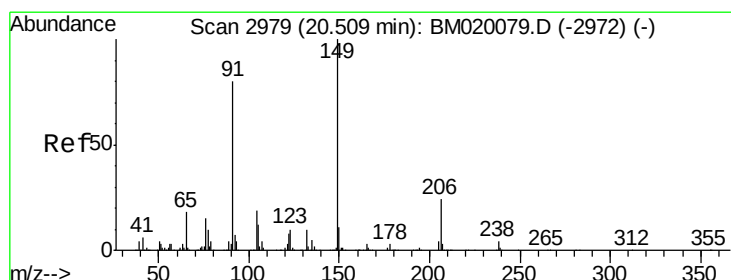
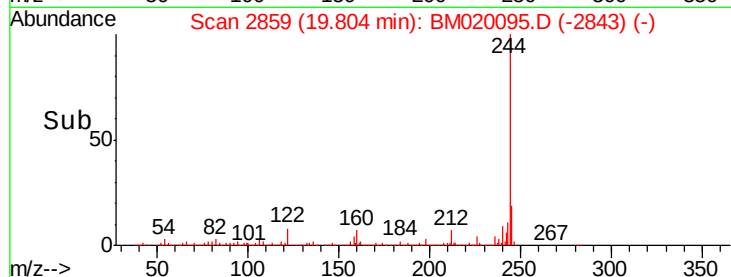
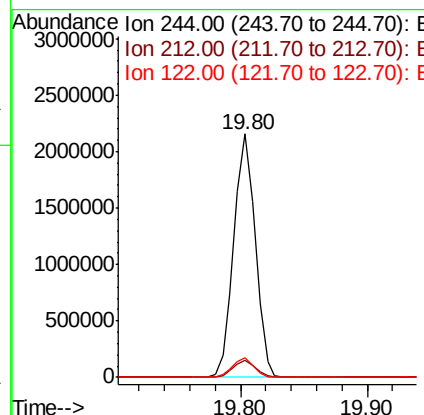
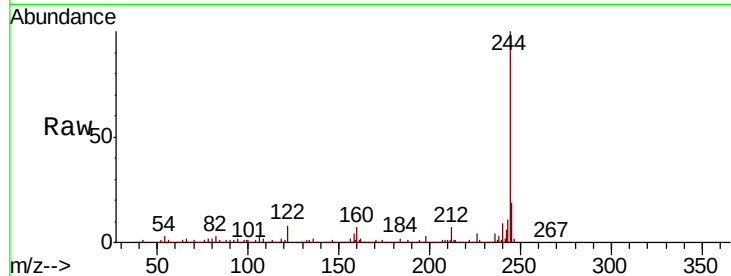
#79
 Terphenyl-d14
 Concen: 78.085 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :
 IDOC SOIL-HP1

Tot Ion:	244	Resp:	2523385
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.9	6.2	9.2

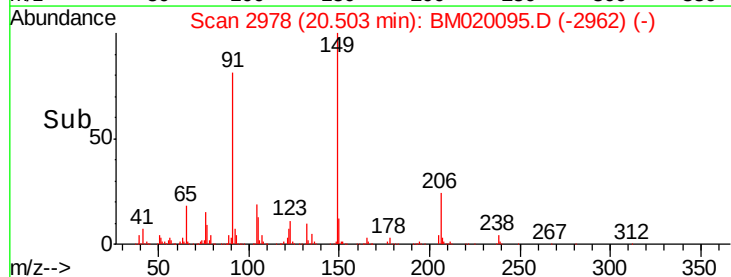
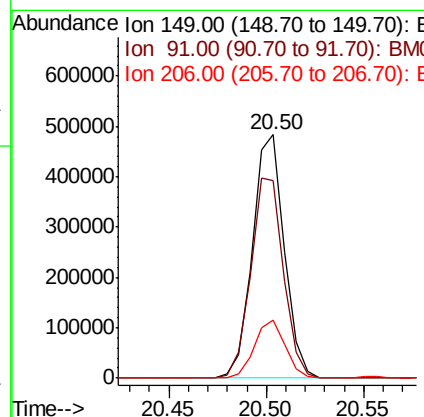
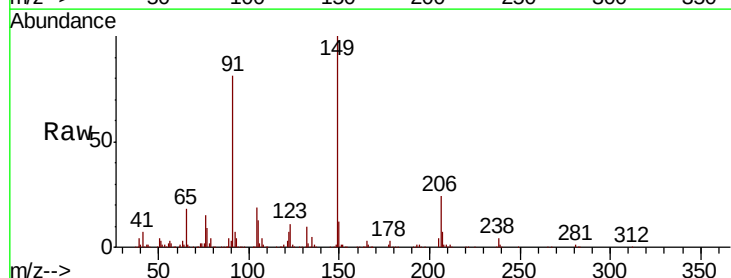
Manual Integrations
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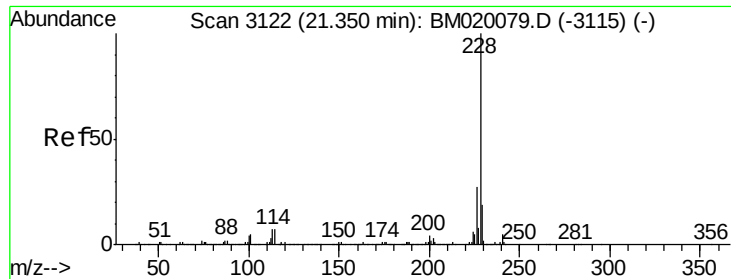
Sohil
 5/2/2019 4:55:24 PM



#80
 Butylbenzylphthalate
 Concen: 39.503 ng
 RT: 20.50 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:	149	Resp:	543631
Ion	Ratio	Lower	Upper
149	100		
91	81.2	63.8	95.8
206	24.0	18.9	28.3





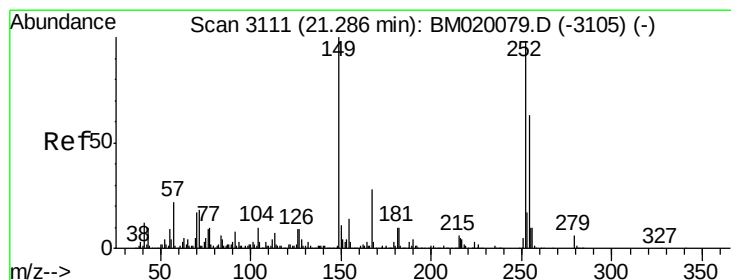
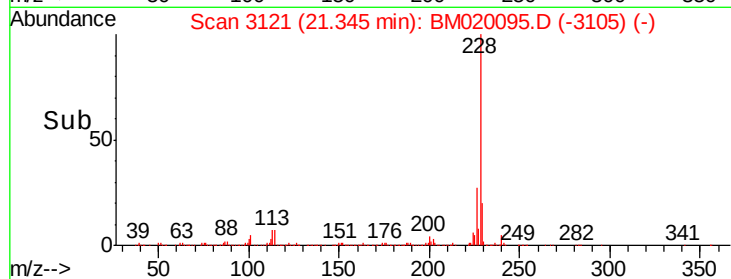
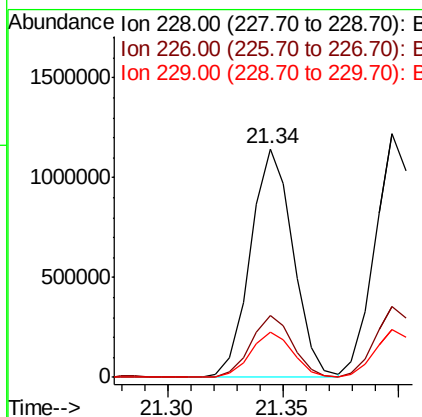
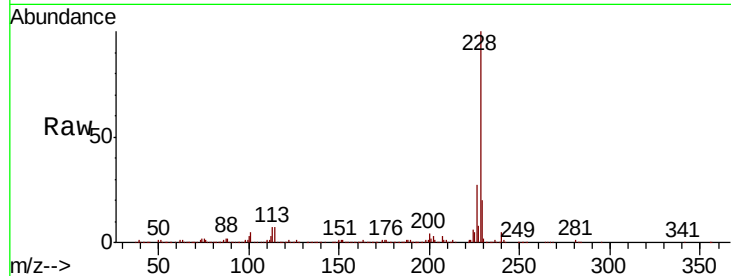
#81
Benzo(a)anthracene
Concen: 37.201 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.7	15.5	23.3

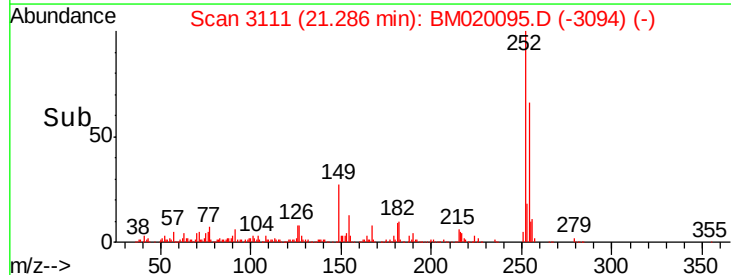
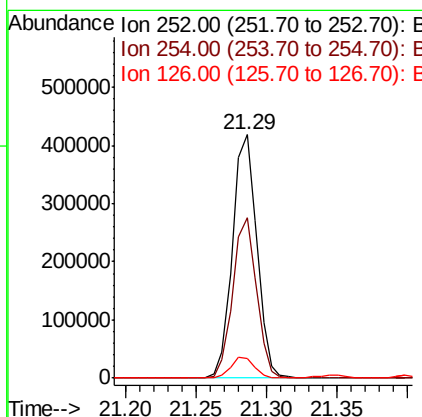
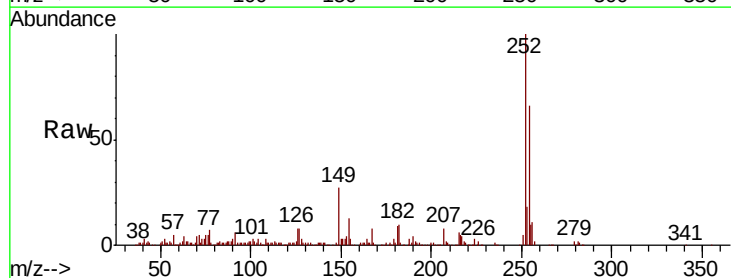
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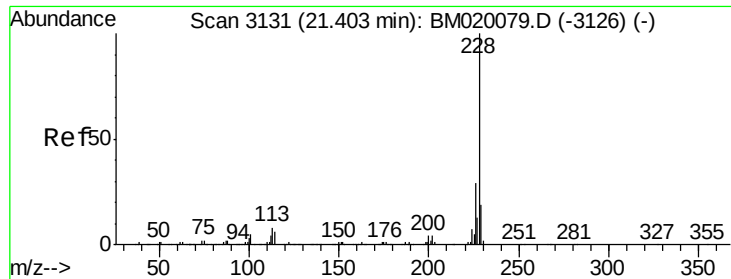
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 33.485 ng
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.1	76.7
126	8.2	7.1	10.7





#83

Chrysene

Concen: 38.062 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

IDOC SOIL-HP1

Tot Ion: 228 Resp: 1459175

Ion Ratio Lower Upper

228 100

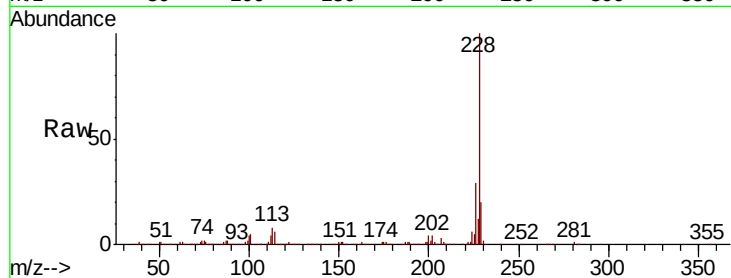
226 28.9 23.0 34.6

229 19.5 15.5 23.3

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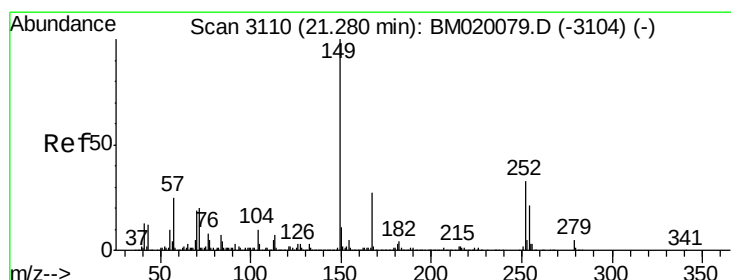
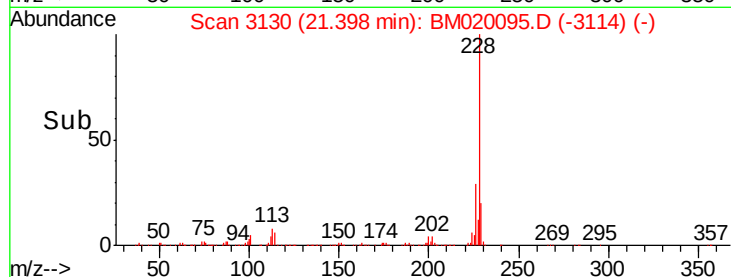
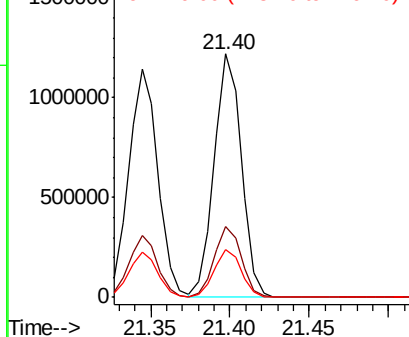


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.223 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

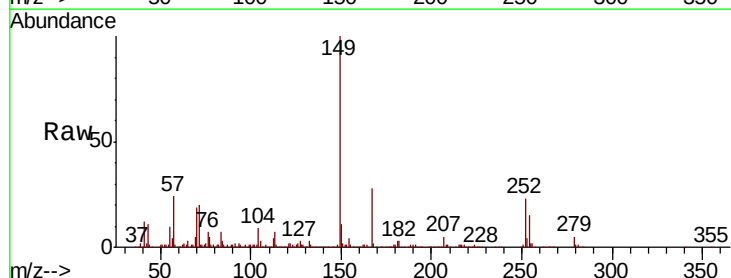
Tgt Ion: 149 Resp: 816250

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 5.4 4.2 6.2

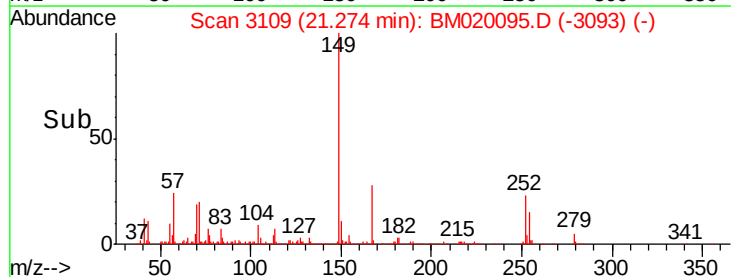
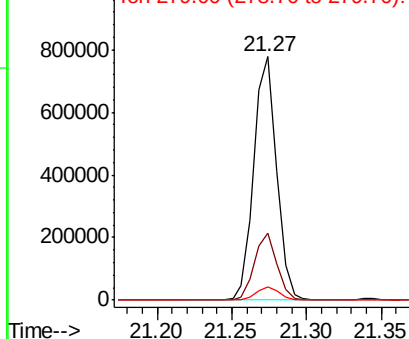


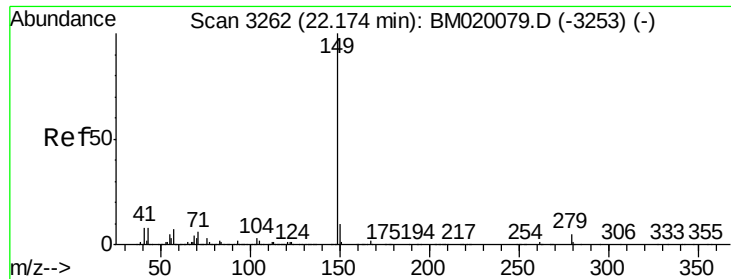
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





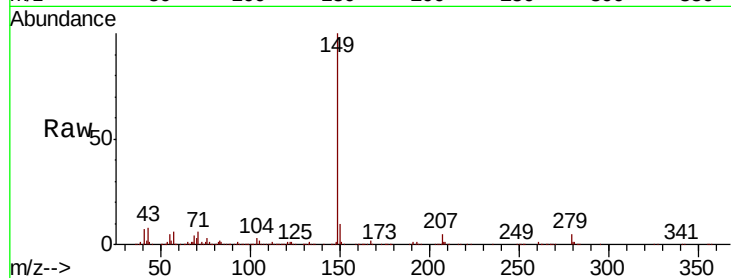
#85
Di-n-octyl phthalate
Concen: 38.352 ng
RT: 22.17 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

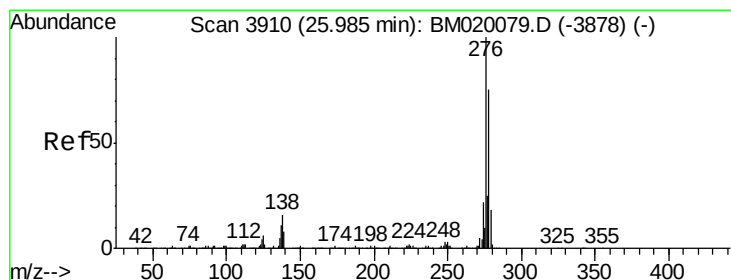
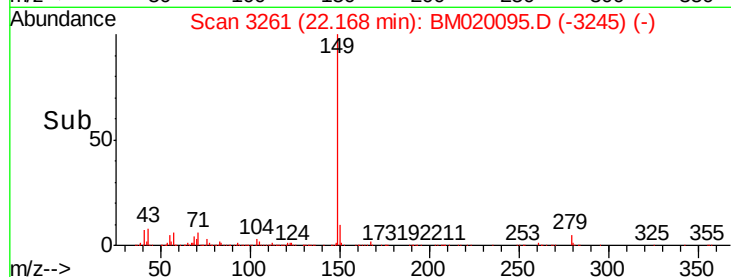
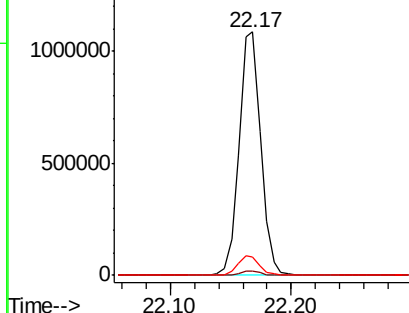
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1361232		
167	1.6	1.3	1.9		
43	7.9	6.5	9.7		

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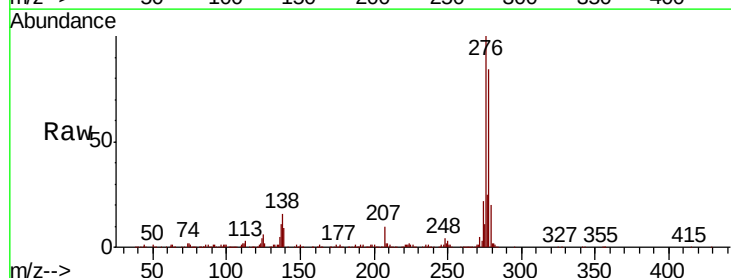


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

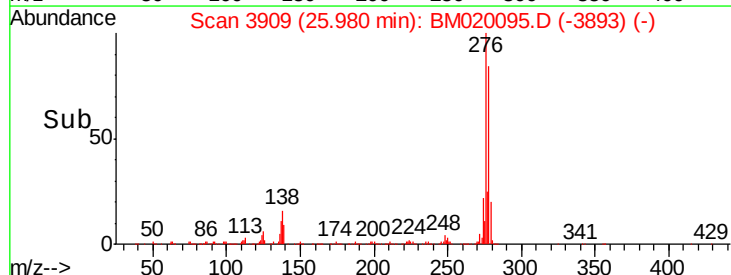
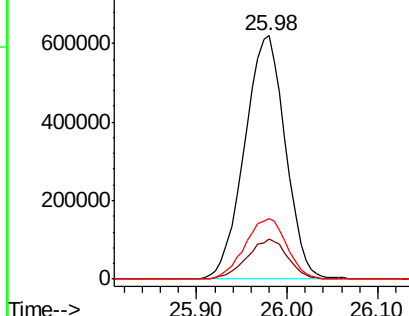


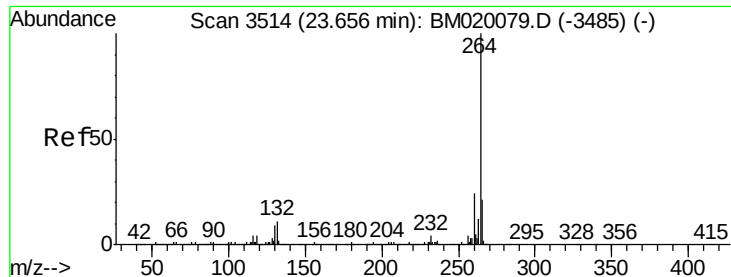
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.565 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		1940984		
138	16.5	0.0	0.0#		
277	25.4	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





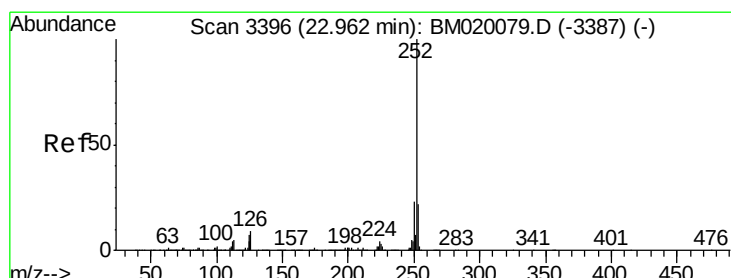
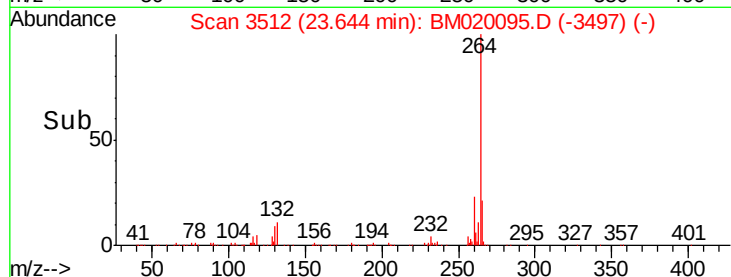
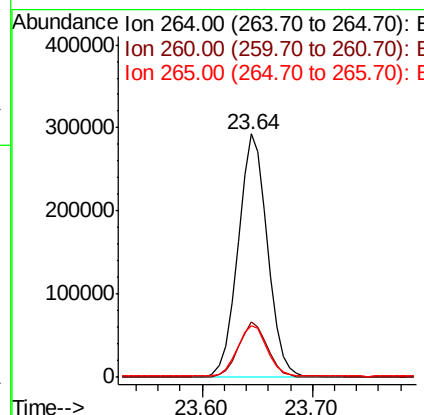
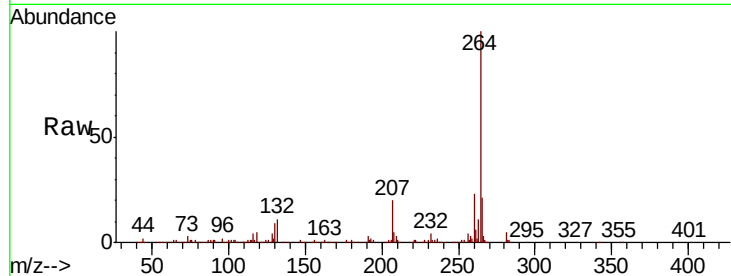
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	16.9	25.3

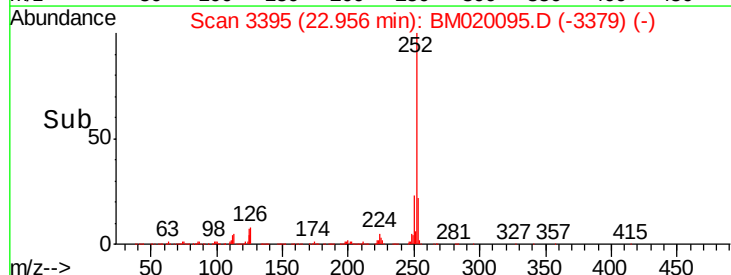
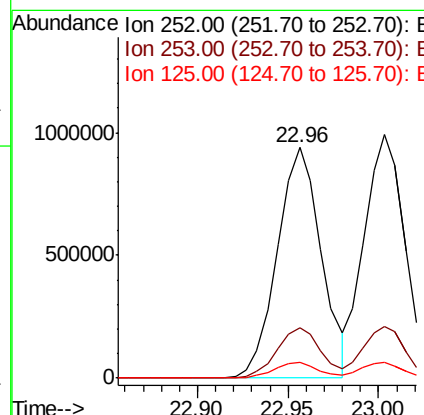
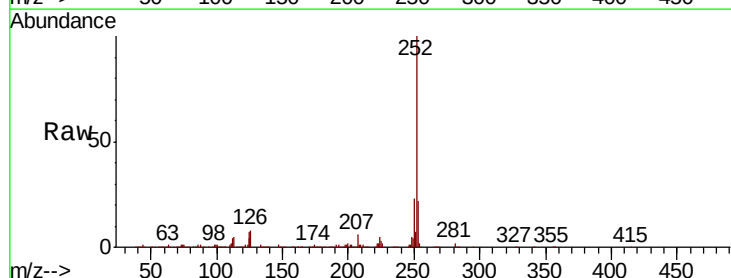
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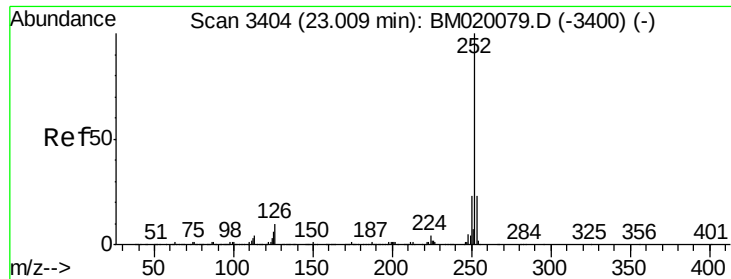
Sohil
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#88
Benzo(b)fluoranthene
Concen: 44.068 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.8	5.4	8.2





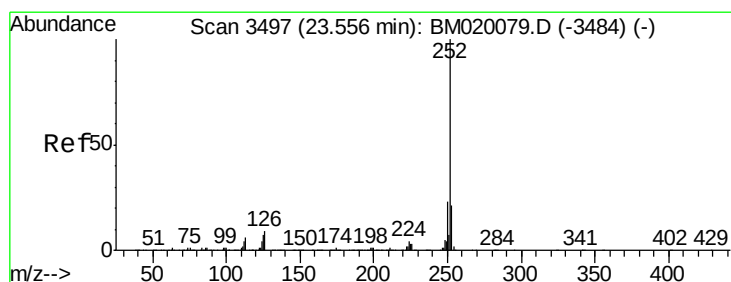
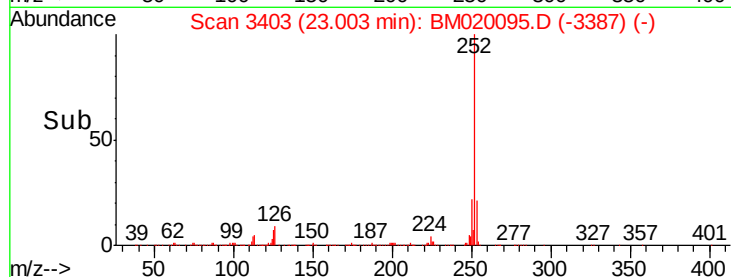
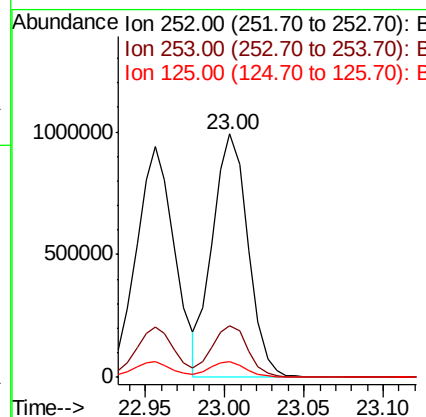
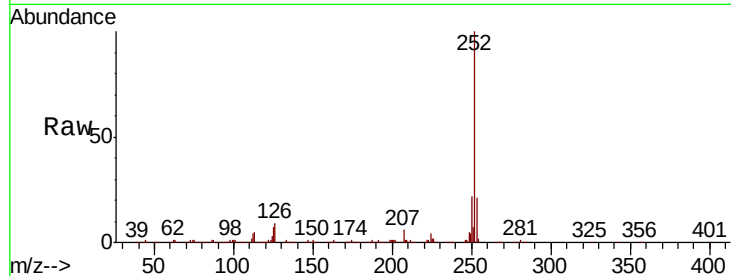
#89
Benzo(k)fluoranthene
Concen: 46.790 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	6.7	5.4	8.0

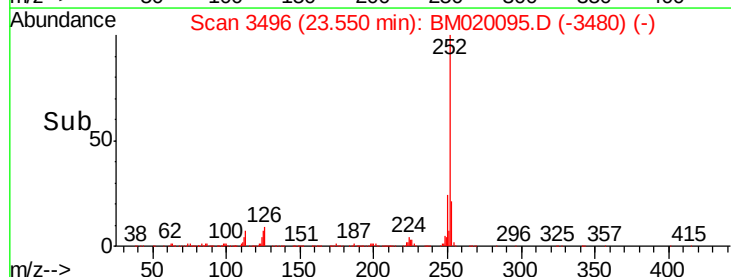
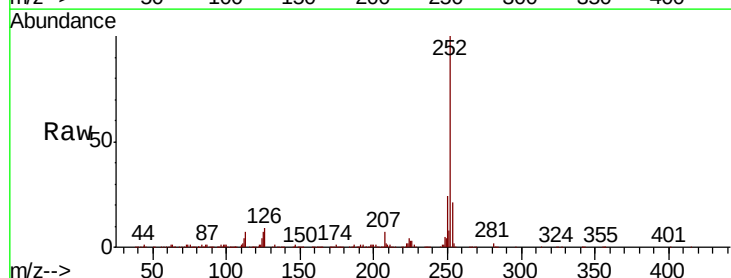
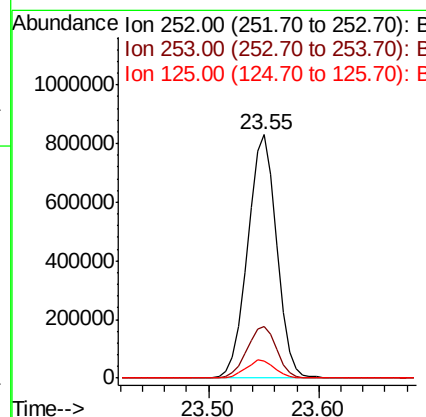
Manual Integrations
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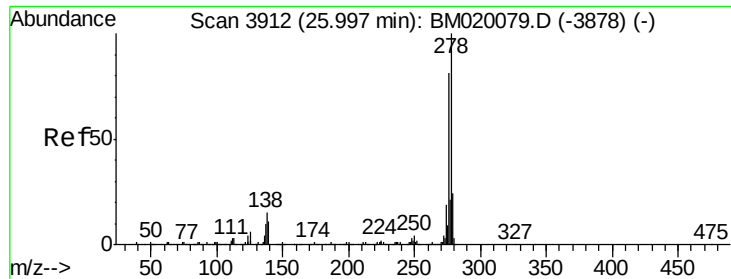
Sohil
5/2/2019 4:55:24 PM



#90
Benzo(a)pyrene
Concen: 46.717 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	7.1	5.5	8.3





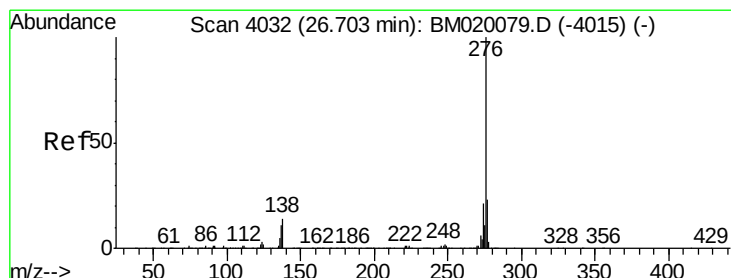
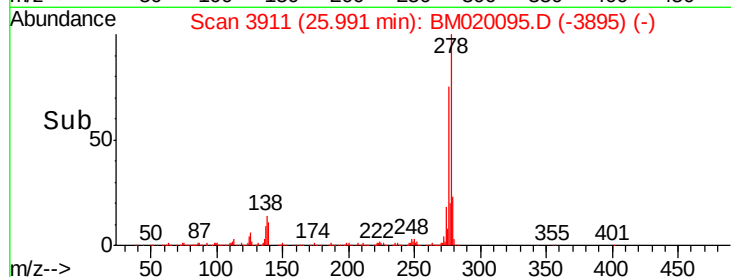
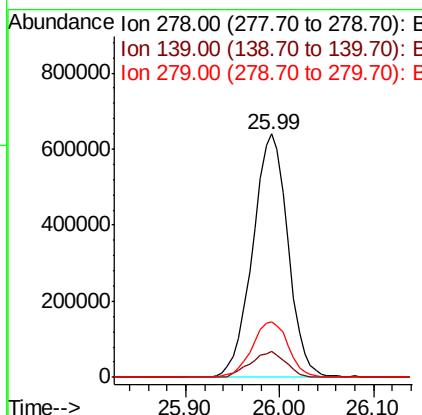
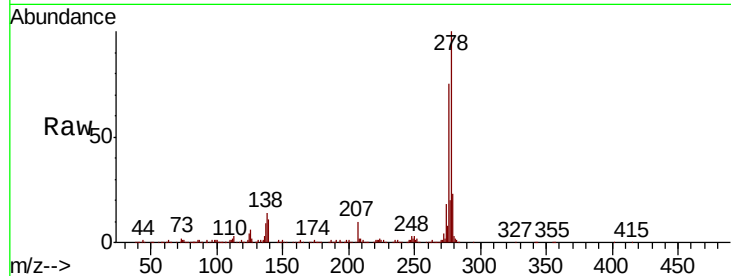
#91
Dibenzo(a,h)anthracene
Concen: 48.785 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :
IDOC SOIL-HP1

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	10.5	8.6	13.0	
279	23.0	18.8	28.2	

Manual Integrations
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Sohil
5/2/2019 4:55:24 PM



#92
Benzo(g,h,i)perylene
Concen: 50.020 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.0	18.4	27.6	
138	14.4	11.1	16.7	

