

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003676.D
 Acq On : 20 Oct 2020 12:19
 Operator : CG/JU
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
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mohammad
 10/21/2020 12:51:03 PM

Quant Time: Oct 20 12:56:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	129209	20.00	ng	0.00
21) Naphthalene-d8	11.375	136	453651	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	311894	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	646242	20.00	ng	0.00
76) Chrysene-d12	21.851	240	706244	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	695224	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1039338	134.51	ng	0.00
7) Phenol-d6	7.675	99	1457086	133.47	ng	0.00
23) Nitrobenzene-d5	9.699	82	1033892	96.41	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	805682	165.58	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2505951	103.87	ng	0.00
79) Terphenyl-d14	20.310	244	4005136	99.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	11681	3.54	ng	# 86
3) Pyridine	4.128	79	31733	3.40	ng	# 90
4) n-Nitrosodimethylamine	4.023	42	13765	3.46	ng	# 57
6) Aniline	7.822	93	47417	3.91	ng	# 88
8) 2-Chlorophenol	8.093	128	28292	3.68	ng	# 81
9) Benzaldehyde	7.622	77	27728	4.81	ng	# 71
10) Phenol	7.699	94	38711	3.72	ng	70
11) bis(2-Chloroethyl)ether	7.905	93	31128	3.77	ng	89
12) 1,3-Dichlorobenzene	8.422	146	35892	3.62	ng	# 92
13) 1,4-Dichlorobenzene	8.563	146	36046	3.60	ng	# 90
14) 1,2-Dichlorobenzene	8.899	146	34382	3.62	ng	96
15) Benzyl Alcohol	8.752	79	27783	3.33	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	9.058	45	28782	3.52	ng	99
17) 2-Methylphenol	8.969	107	24934	3.62	ng	# 87
18) Hexachloroethane	9.652	117	13284	3.44	ng	83
19) n-Nitroso-di-n-propyla...	9.322	70	22724	3.41	ng	# 82
20) 3+4-Methylphenols	9.299	107	31971	3.45	ng	86
22) Acetophenone	9.346	105	47552	3.58	ng	# 86
24) Nitrobenzene	9.734	77	42440m	4.11	ng	
25) Isophorone	10.257	82	61376	3.55	ng	# 91
26) 2-Nitrophenol	10.463	139	11788	3.06	ng	# 56
27) 2,4-Dimethylphenol	10.516	122	25554	4.22	ng	# 72
28) bis(2-Chloroethoxy)met...	10.728	93	39758	3.61	ng	95
29) 2,4-Dichlorophenol	11.010	162	26920	3.39	ng	94
30) 1,2,4-Trichlorobenzene	11.240	180	38149	3.75	ng	98
31) Naphthalene	11.422	128	90542	3.70	ng	99
32) Benzoic acid	10.581	122	5386	1.50	ng	86
33) 4-Chloroaniline	11.504	127	35826	3.55	ng	# 83
34) Hexachlorobutadiene	11.734	225	27165	3.54	ng	97
35) Caprolactam	12.193	113	6985	3.00	ng	# 74
36) 4-Chloro-3-methylphenol	12.599	107	29413	3.41	ng	# 78
37) 2-Methylnaphthalene	12.987	142	65041	3.67	ng	# 93
38) 1-Methylnaphthalene	13.204	142	61358	3.66	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.363	216	46255	3.74	ng	98
41) Hexachlorocyclopentadiene	13.357	237	28744	4.02	ng	96
43) 2,4,6-Trichlorophenol	13.581	196	22783	3.10	ng	90

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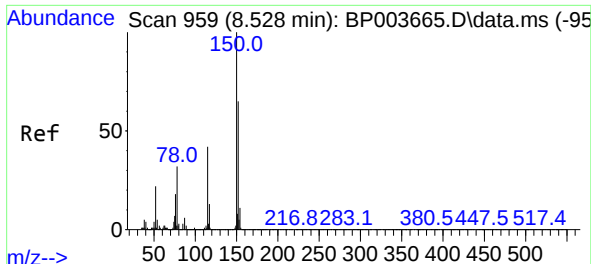
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.651	196	25226	3.30	ng	#	93
46) 1,1'-Biphenyl	13.963	154	90783	3.73	ng		97
47) 2-Chloronaphthalene	14.016	162	70389	3.46	ng		96
48) 2-Nitroaniline	14.187	65	15435	2.57	ng	#	62
49) Acenaphthylene	14.851	152	101062	3.48	ng		98
50) Dimethylphthalate	14.546	163	88779	3.46	ng		99
51) 2,6-Dinitrotoluene	14.657	165	17010	3.26	ng	#	64
52) Acenaphthene	15.187	154	67546	3.45	ng		94
53) 3-Nitroaniline	14.993	138	14406	2.82	ng	#	64
54) 2,4-Dinitrophenol	15.193	184	4418	1.85	ng	#	1
55) Dibenzofuran	15.516	168	111734	3.77	ng		100
56) 4-Nitrophenol	15.293	139	11028	2.88	ng	#	46
57) 2,4-Dinitrotoluene	15.440	165	21931	3.11	ng	#	72
58) Fluorene	16.157	166	89761	3.75	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.745	232	23092	3.15	ng		90
60) Diethylphthalate	15.887	149	84432	3.36	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	53896	3.73	ng		93
62) 4-Nitroaniline	16.140	138	14884	2.62	ng	#	58
63) Azobenzene	16.422	77	79616	3.37	ng		88
65) 4,6-Dinitro-2-methylph...	16.210	198	9114	2.68	ng		88
66) n-Nitrosodiphenylamine	16.340	169	75753	3.94	ng		100
67) 4-Bromophenyl-phenylether	17.022	248	34458	3.98	ng		97
68) Hexachlorobenzene	17.187	284	40666	4.08	ng		97
69) Atrazine	17.257	200	23374	3.12	ng		96
70) Pentachlorophenol	17.510	266	11454	2.33	ng		86
71) Phenanthrene	17.881	178	133500	3.72	ng		99
72) Anthracene	17.969	178	128481	3.70	ng		99
73) Carbazole	18.216	167	108325	3.51	ng		98
74) Di-n-butylphthalate	18.722	149	111952	2.97	ng	#	96
75) Fluoranthene	19.798	202	154433	3.50	ng		96
77) Benzidine	19.933	184	61423	3.63	ng		98
78) Pyrene	20.145	202	164664	3.48	ng		97
80) Butylbenzylphthalate	20.945	149	45276	2.61	ng	#	81
81) Benzo(a)anthracene	21.833	228	164863	3.50	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	57394	3.48	ng		97
83) Chrysene	21.892	228	161634	3.62	ng		97
84) Bis(2-ethylhexyl)phtha...	21.698	149	69065	2.78	ng		100
85) Di-n-octyl phthalate	22.663	149	111701	2.77	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.098	276	161519	3.24	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	164477	3.39	ng	#	96
89) Benzo(k)fluoranthene	23.686	252	152209	3.29	ng	#	95
90) Benzo(a)pyrene	24.310	252	135094	3.12	ng	#	96
91) Dibenzo(a,h)anthracene	27.104	278	135839	3.26	ng	#	93
92) Benzo(g,h,i)perylene	27.933	276	132236	3.42	ng	#	91

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



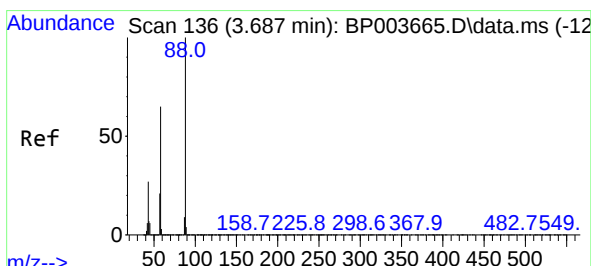
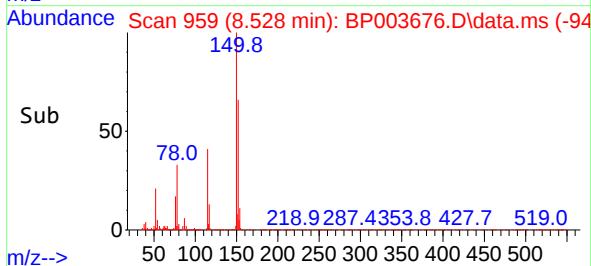
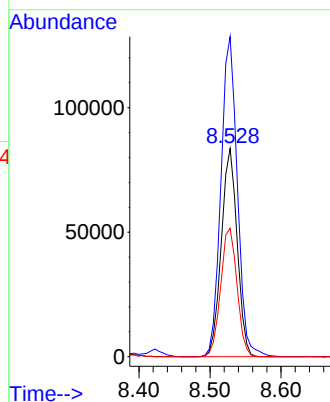
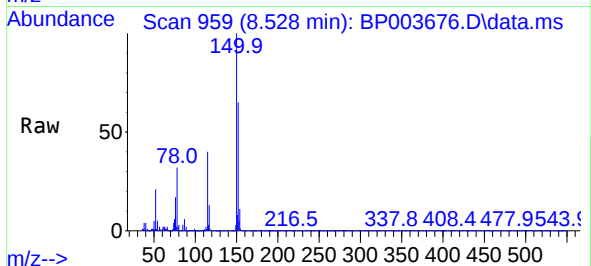
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:152 Resp: 129209
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 61.7 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

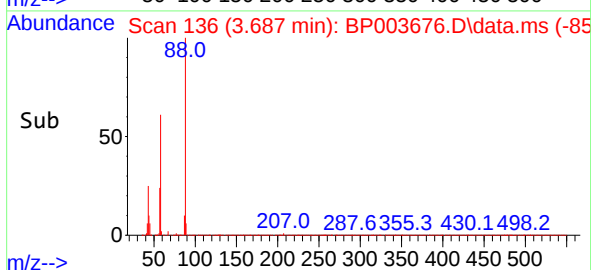
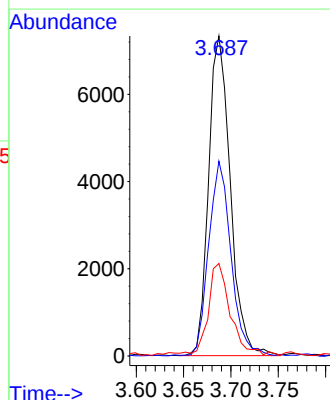
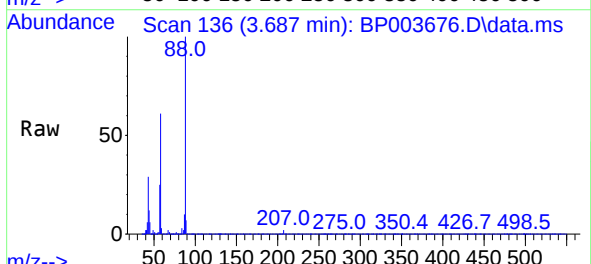
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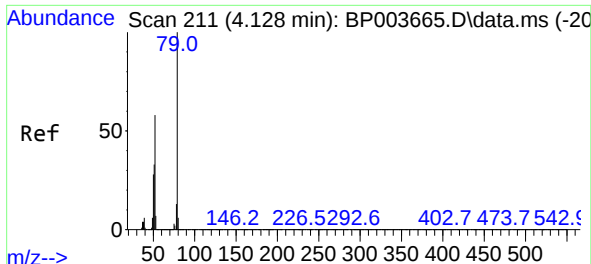
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#2
1,4-Dioxane
Concen: 3.54 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

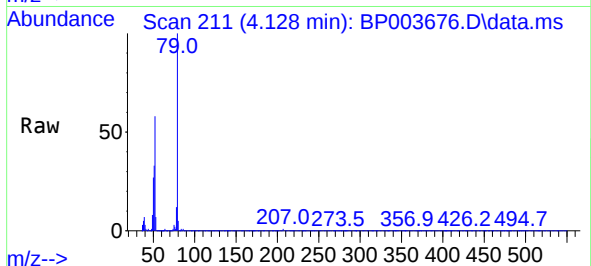
Tgt Ion: 88 Resp: 11681
Ion Ratio Lower Upper
88 100
58 62.8 44.2 66.4
43 29.9 15.2 22.8#





#3
Pyridine
Concen: 3.40 ng
RT: 4.128 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

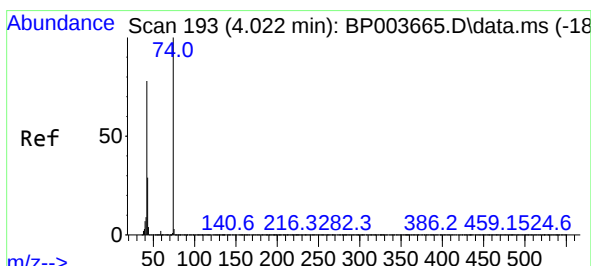
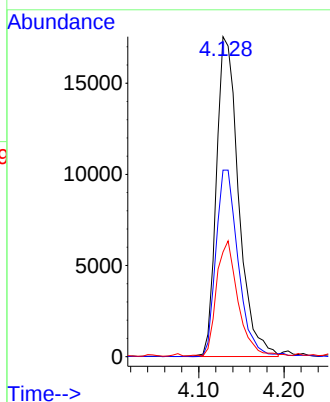
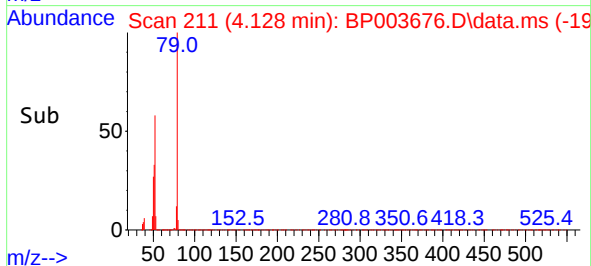
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



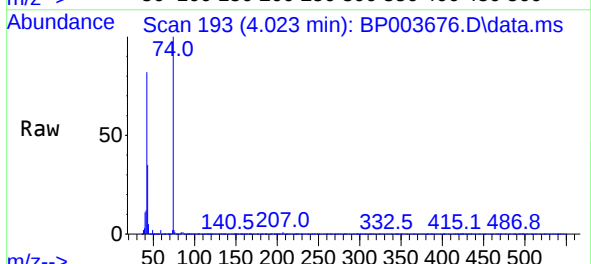
Tgt Ion: 79 Resp: 31733
Ion Ratio Lower Upper
79 100
52 58.3 41.3 61.9
51 32.7 21.2 31.8#

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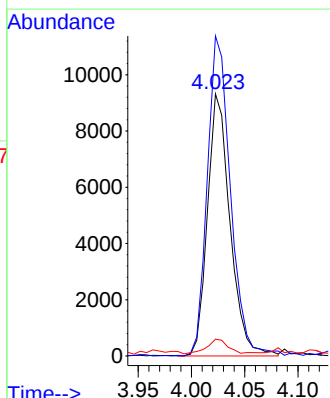
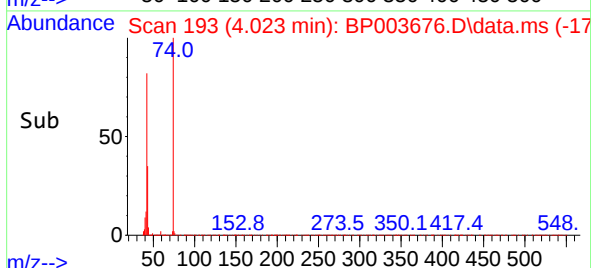
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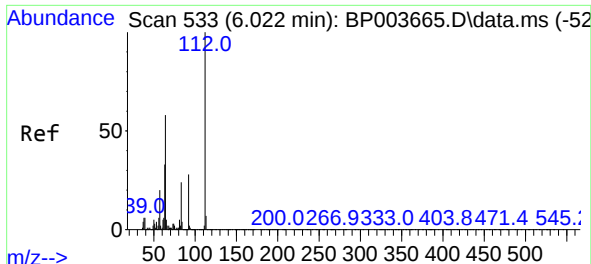


#4
n-Nitrosodimethylamine
Concen: 3.46 ng
RT: 4.023 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



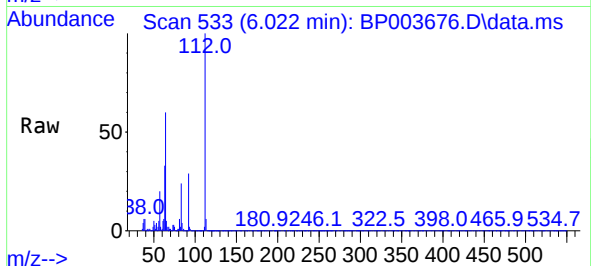
Tgt Ion: 42 Resp: 13765
Ion Ratio Lower Upper
42 100
74 122.1 148.6 223.0#
44 6.4 5.3 7.9





#5
2-Fluorophenol
Concen: 134.51 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

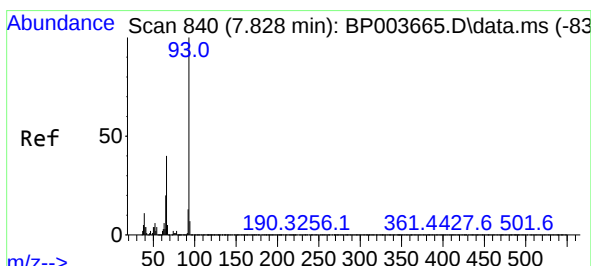
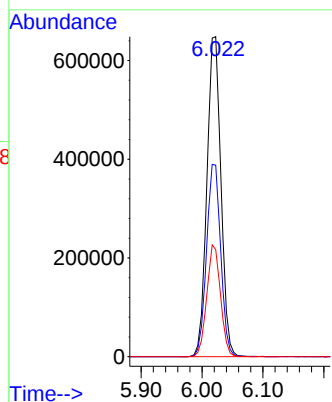
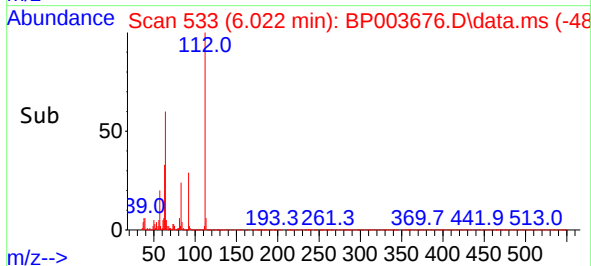
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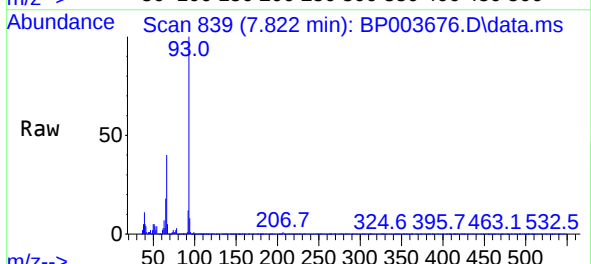
Tgt Ion:112 Resp: 1039338
Ion Ratio Lower Upper
112 100
64 59.9 32.8 49.2#
63 33.4 17.0 25.4#

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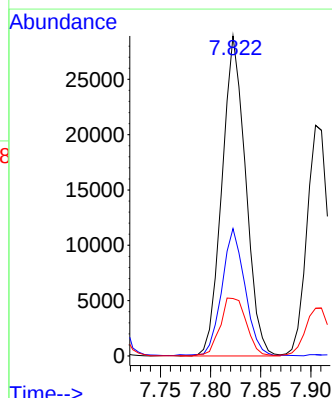
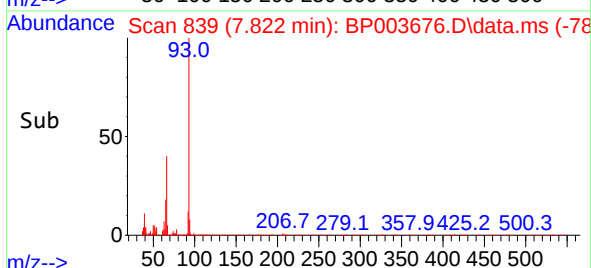
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#6
Aniline
Concen: 3.91 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



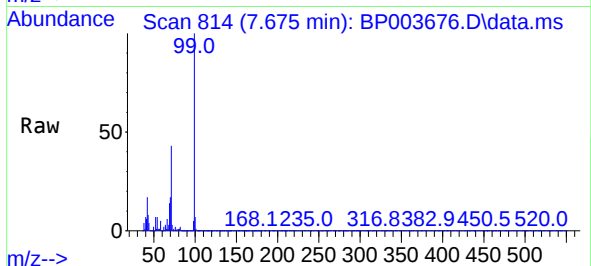
Tgt Ion: 93 Resp: 47417
Ion Ratio Lower Upper
93 100
66 39.8 25.4 38.0#
65 18.0 12.5 18.7





#7
Phenol-d6
Concen: 133.47 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

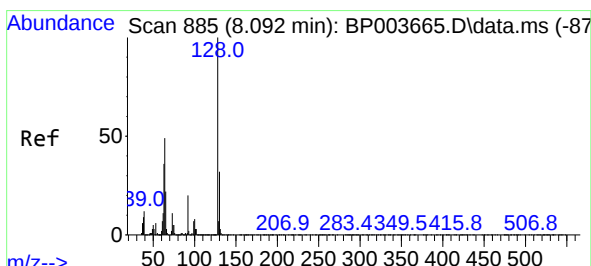
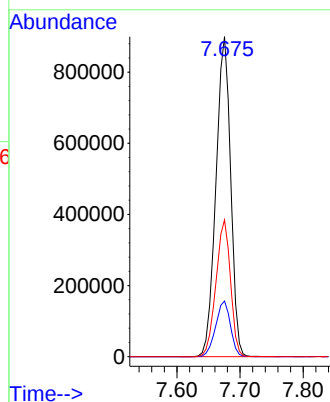
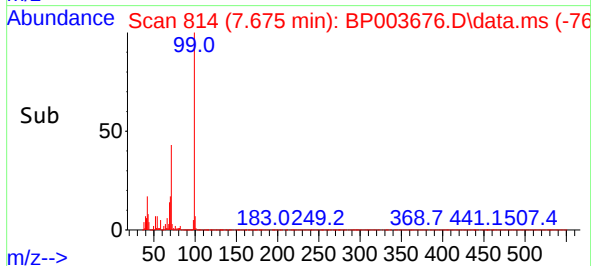
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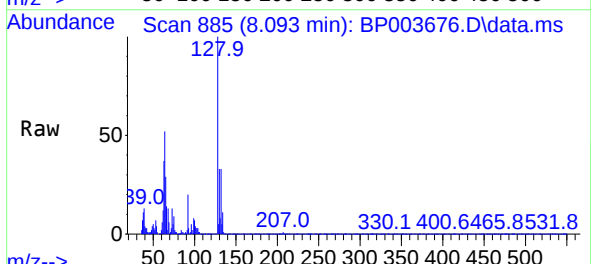
Tgt Ion: 99 Resp: 1457086
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 42.8 23.4 35.2#

Manual Integrations
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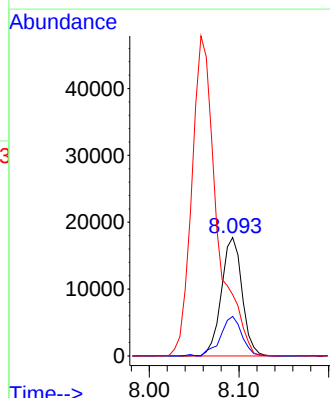
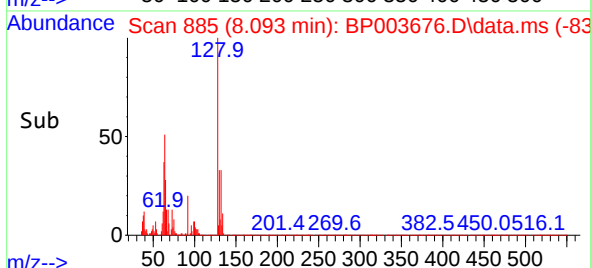
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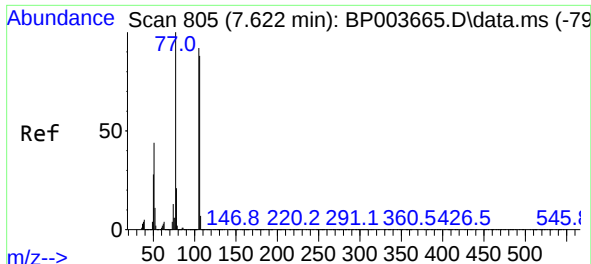


#8
2-Chlorophenol
Concen: 3.68 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



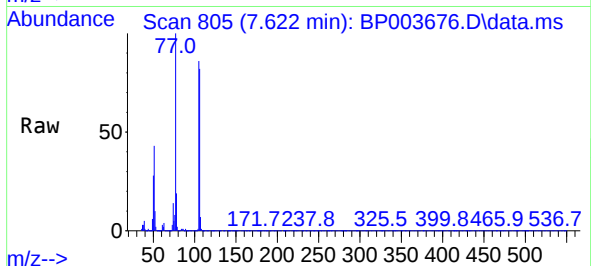
Tgt Ion: 128 Resp: 28292
Ion Ratio Lower Upper
128 100
130 33.4 13.0 53.0
64 51.7 10.4 50.4#





#9
Benzaldehyde
Concen: 4.81 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

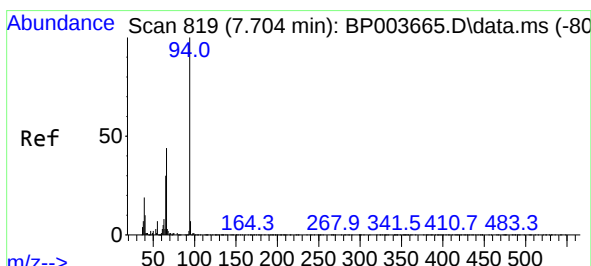
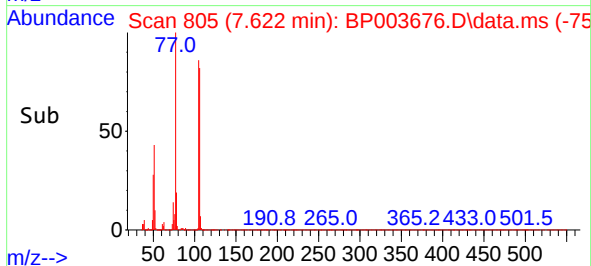
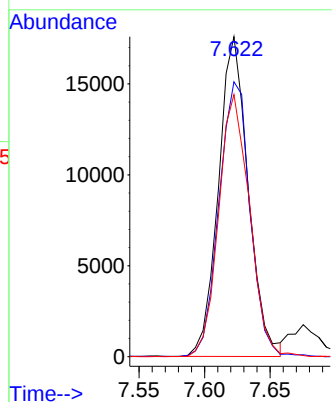
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion: 77 Resp: 27728
Ion Ratio Lower Upper
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106 81.9 93.7 133.7#

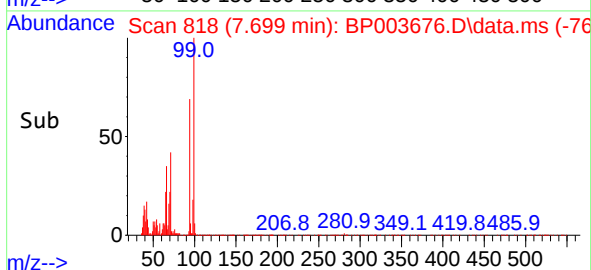
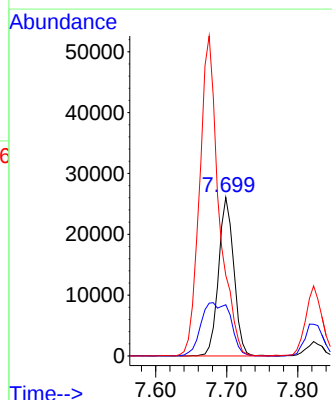
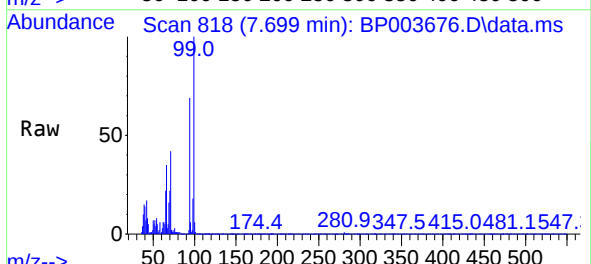
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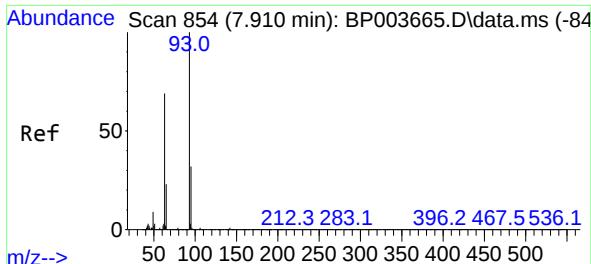
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#10
Phenol
Concen: 3.72 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

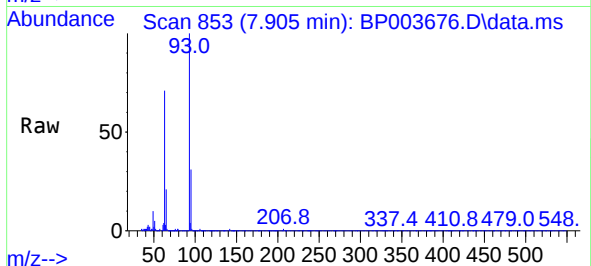
Tgt Ion: 94 Resp: 38711
Ion Ratio Lower Upper
94 100
65 32.3 2.3 42.3
66 50.8 10.9 50.9





#11
bis(2-Chloroethyl)ether
Concen: 3.77 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

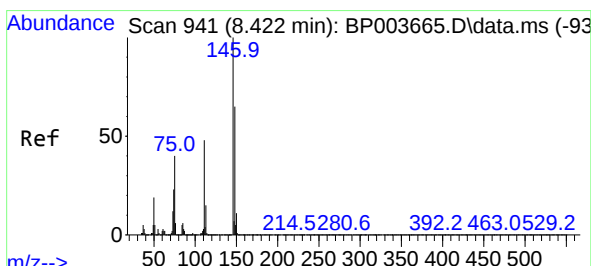
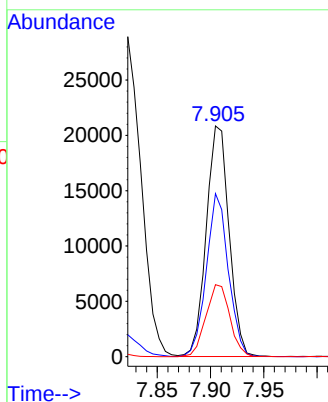
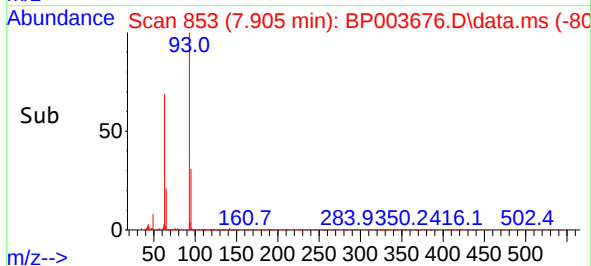
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



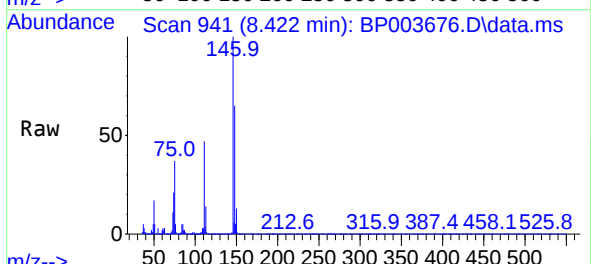
Tgt Ion: 93 Resp: 31128
Ion Ratio Lower Upper
93 100
63 70.7 39.0 79.0
95 31.2 12.8 52.8

Manual Integrations
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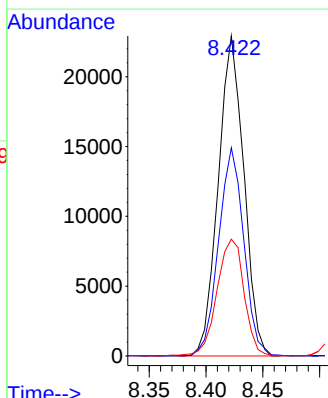
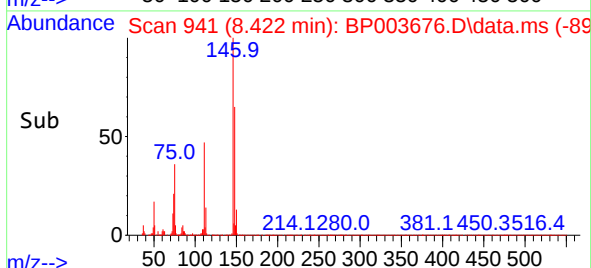
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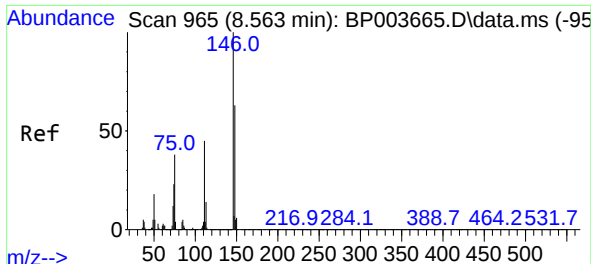


#12
1,3-Dichlorobenzene
Concen: 3.62 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion: 146 Resp: 35892
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 36.5 18.1 27.1#





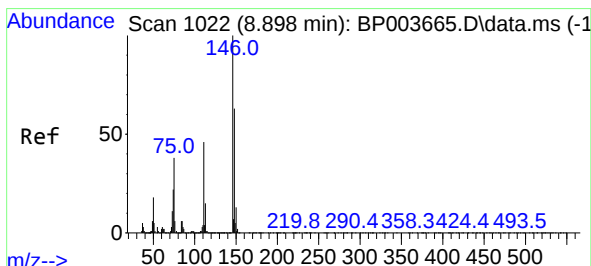
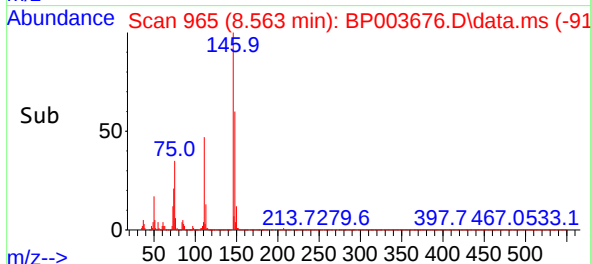
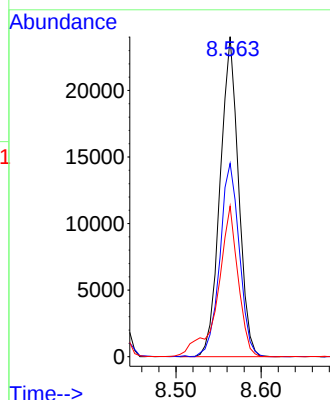
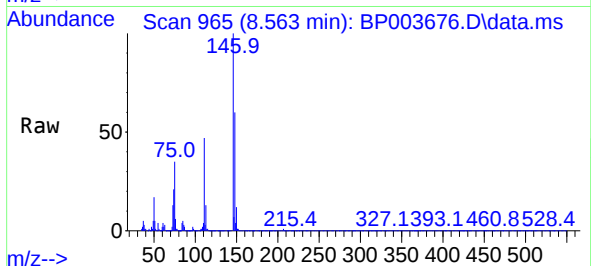
#13
1,4-Dichlorobenzene
Concen: 3.60 ng
RT: 8.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:146 Resp: 36046
Ion Ratio Lower Upper
146 100
148 60.4 51.3 76.9
111 47.0 28.9 43.3#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

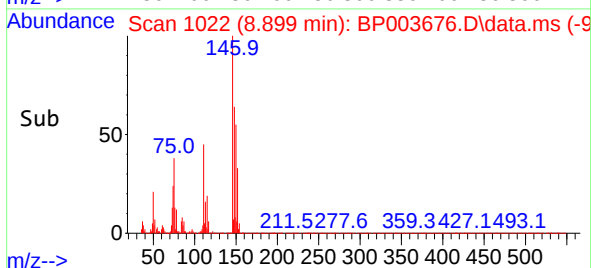
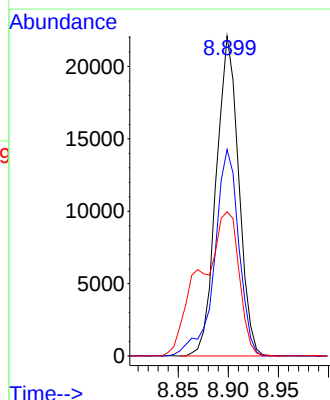
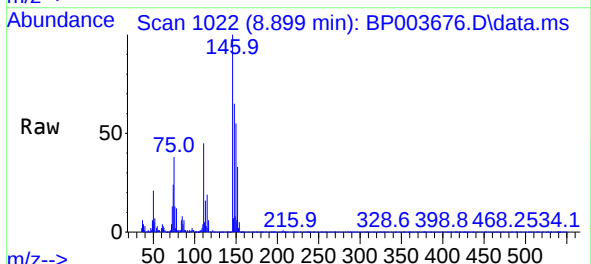
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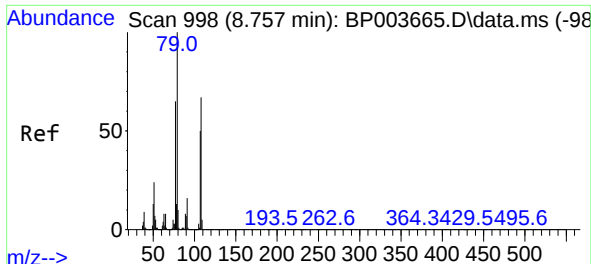
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#14
1,2-Dichlorobenzene
Concen: 3.62 ng
RT: 8.899 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

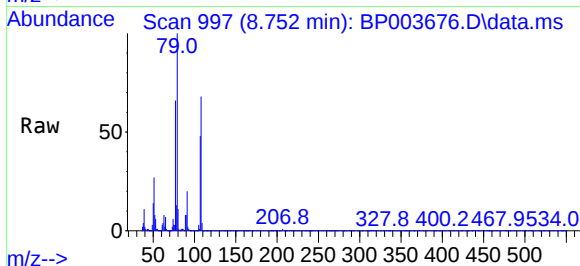
Tgt Ion:146 Resp: 34382
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 45.1 31.0 46.6





#15
Benzyl Alcohol
Concen: 3.33 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

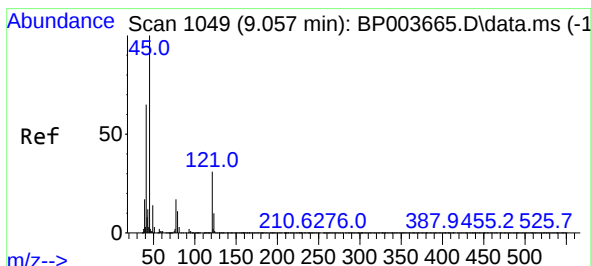
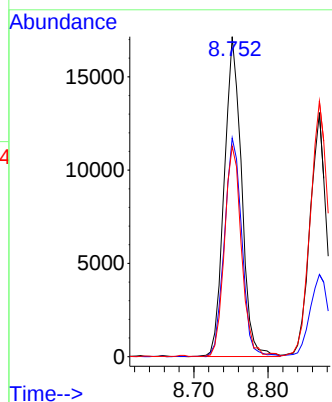
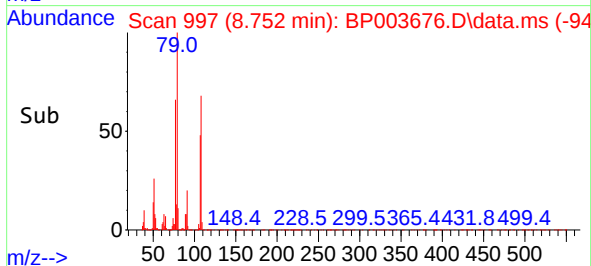
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



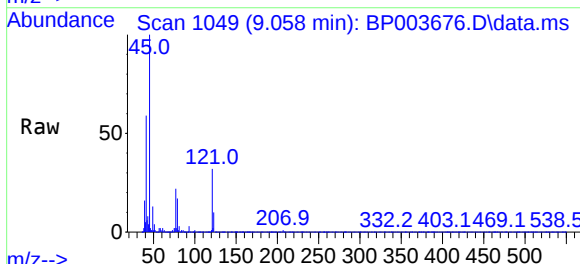
Tgt Ion: 79 Resp: 27783
Ion Ratio Lower Upper
79 100
108 68.3 73.5 110.3#
77 65.7 50.3 75.5

Manual Integrations
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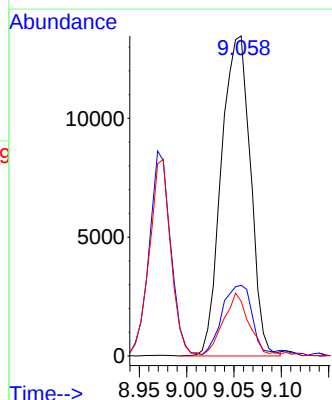
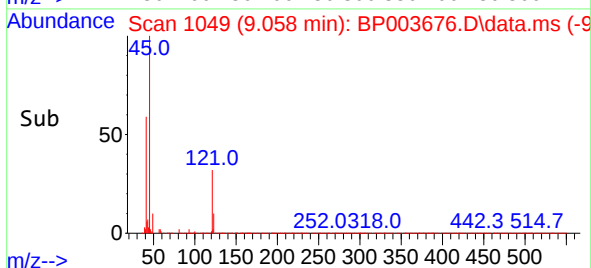
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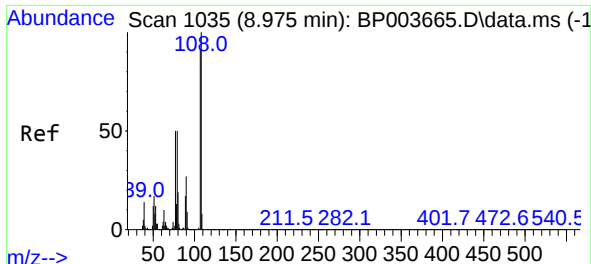


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.52 ng
RT: 9.058 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



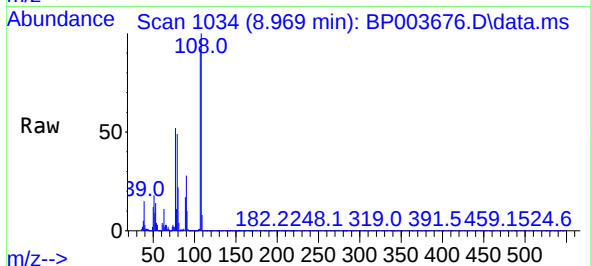
Tgt Ion: 45 Resp: 28782
Ion Ratio Lower Upper
45 100
77 22.1 2.3 42.3
79 17.1 0.0 36.6





#17
2-Methylphenol
Concen: 3.62 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

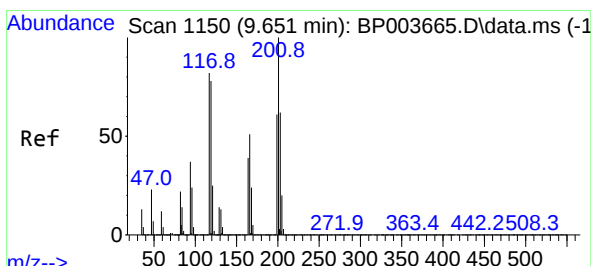
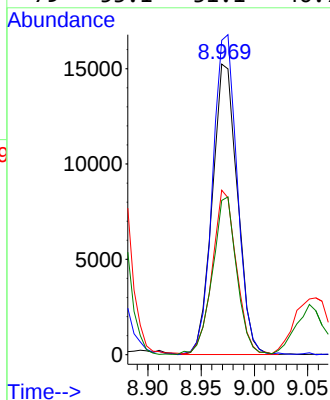
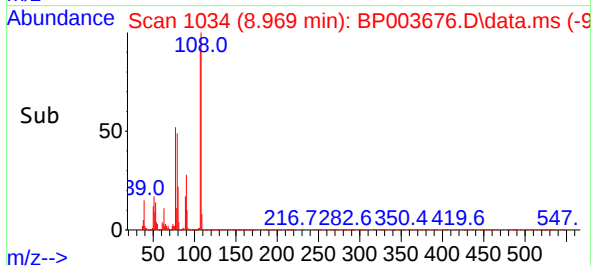
Instrument :
BNA_P
ClientSampleId :
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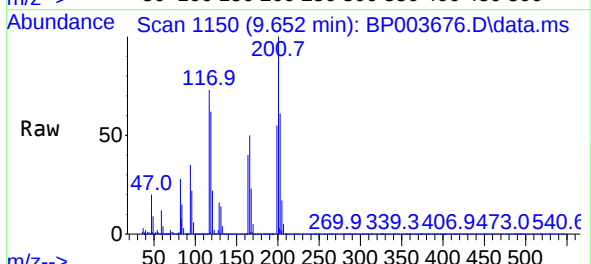
Tgt Ion:	107	Resp:	24934
Ion	Ratio	Lower	Upper
107	100		
108	108.2	89.6	134.4
77	56.6	31.8	47.6#
79	53.1	31.1	46.7#

Manual Integrations
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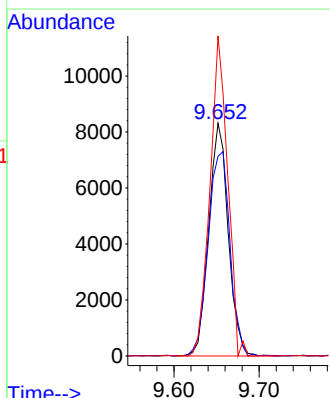
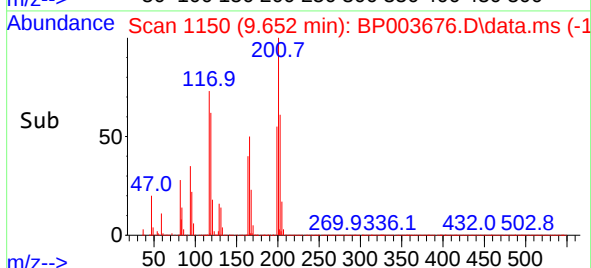
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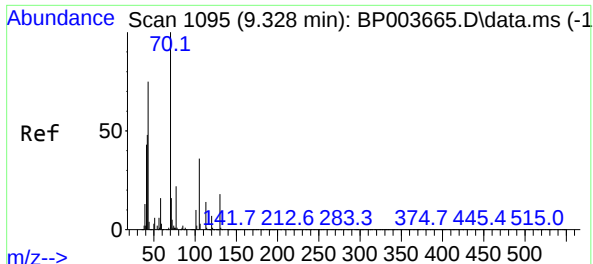


#18
Hexachloroethane
Concen: 3.44 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:	117	Resp:	13284
Ion	Ratio	Lower	Upper
117	100		
119	85.8	78.8	118.2
201	137.6	92.3	138.5





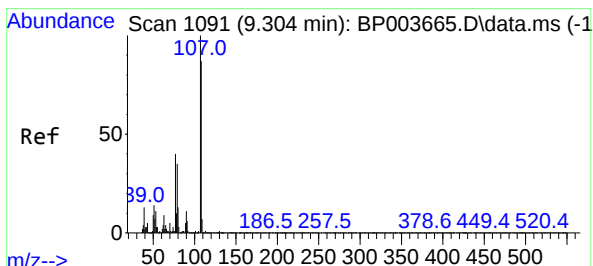
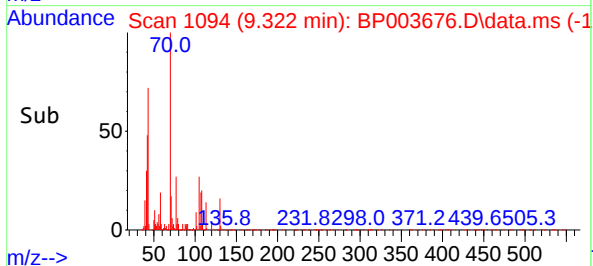
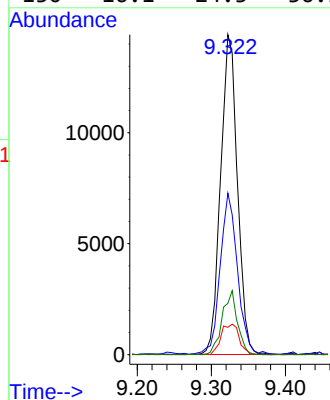
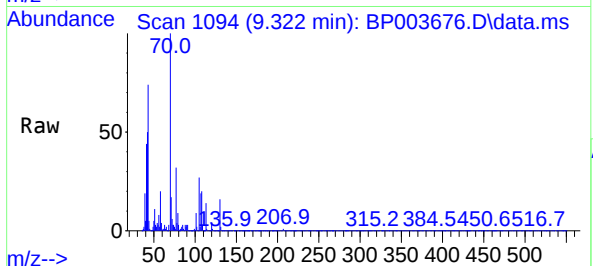
#19
n-Nitroso-di-n-propylamine
Concen: 3.41 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	70	Resp:	22724
Ion	Ratio	Lower	Upper
70	100		
42	50.4	32.8	49.2#
101	8.6	9.6	14.4#
130	16.1	24.3	36.5#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

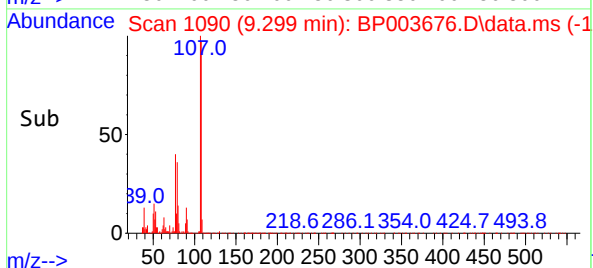
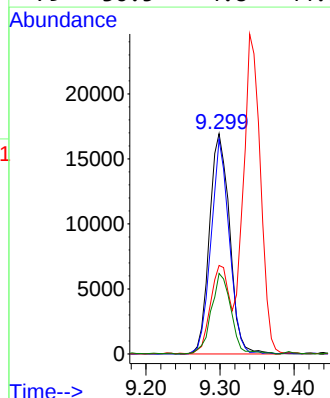
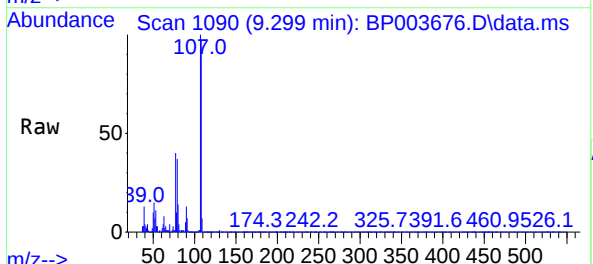
Manual Integrations
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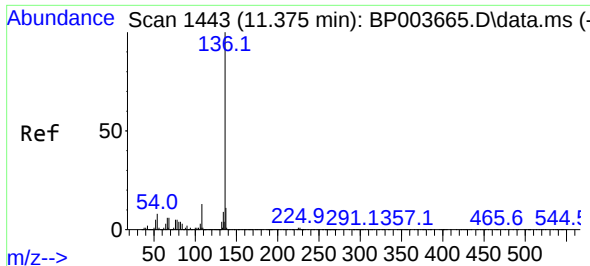
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#20
3+4-Methylphenols
Concen: 3.45 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

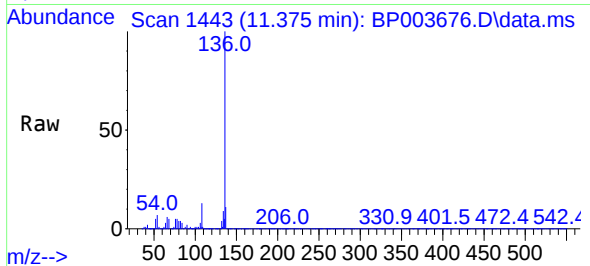
Tgt Ion:	107	Resp:	31971
Ion	Ratio	Lower	Upper
107	100		
108	97.5	69.0	109.0
77	40.1	8.5	48.5
79	36.5	4.8	44.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

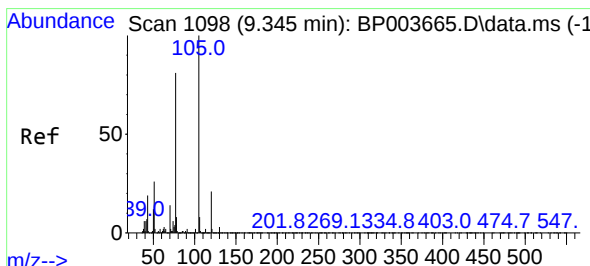
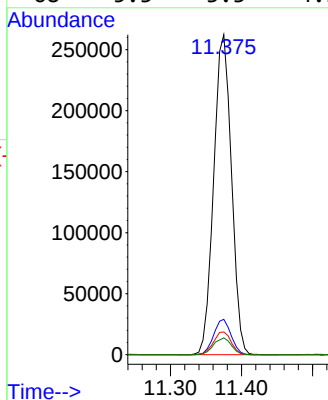
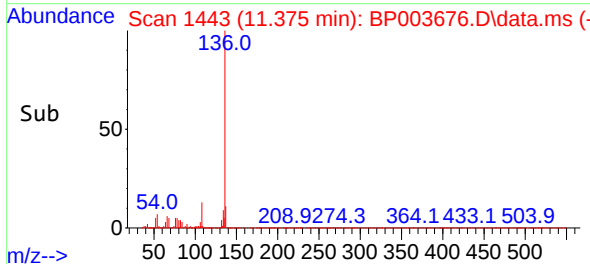
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



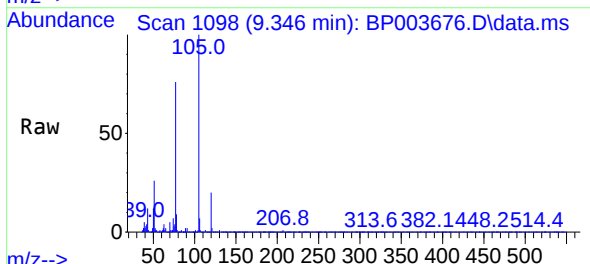
Tgt Ion:136 Resp: 453651
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 3.6 5.4#
68 5.3 3.3 4.9#

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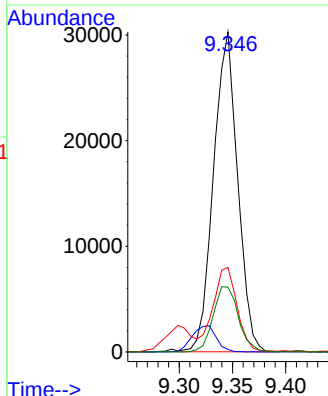
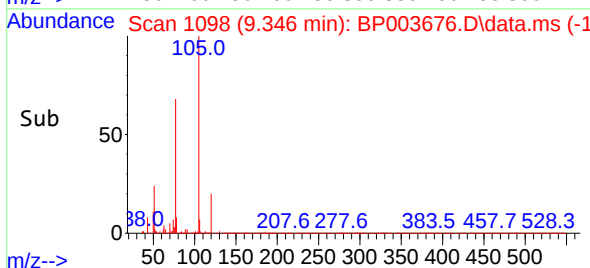
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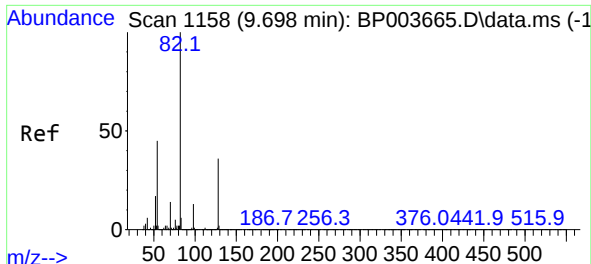


#22
Acetophenone
Concen: 3.58 ng
RT: 9.346 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:105 Resp: 47552
Ion Ratio Lower Upper
105 100
71 0.8 2.6 3.8#
51 26.4 13.5 20.3#
120 20.3 19.6 29.4





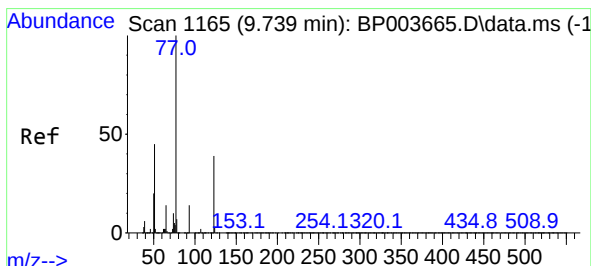
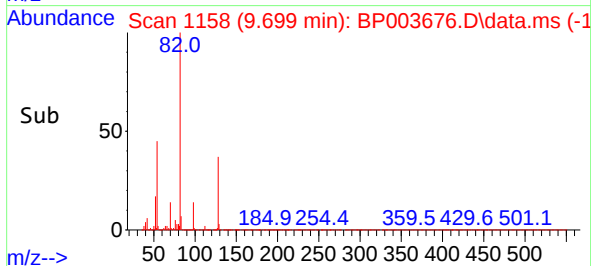
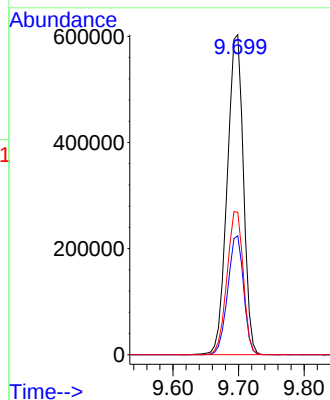
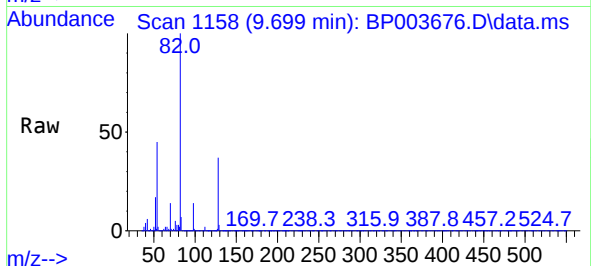
#23
Nitrobenzene-d5
Concen: 96.41 ng
RT: 9.699 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 82 Resp: 1033892
Ion Ratio Lower Upper
82 100
128 37.1 45.6 68.4#
54 44.6 30.1 45.1

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

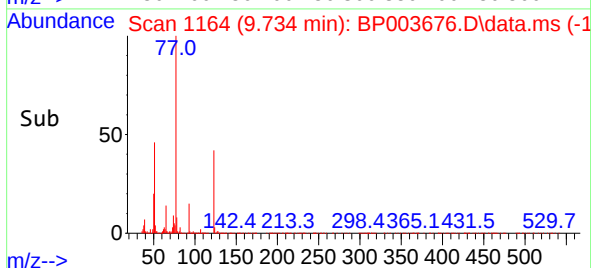
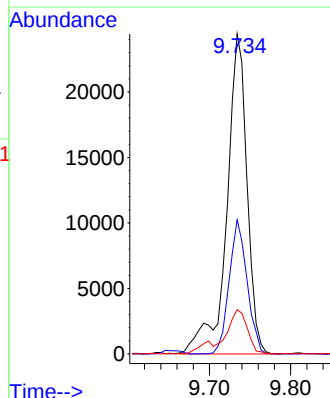
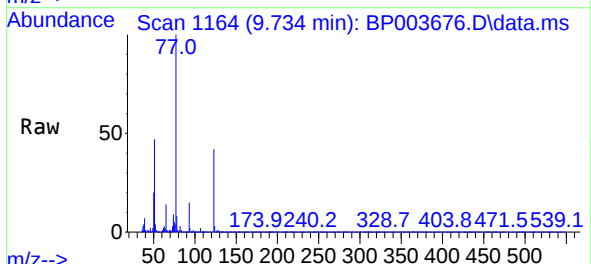
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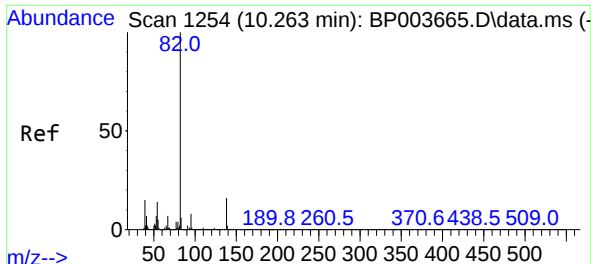
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#24
Nitrobenzene
Concen: 4.11 ng m
RT: 9.734 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 77 Resp: 42440
Ion Ratio Lower Upper
77 100
123 41.9 48.6 72.8#
65 13.8 10.0 15.0





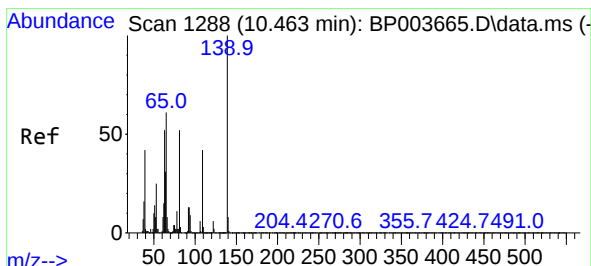
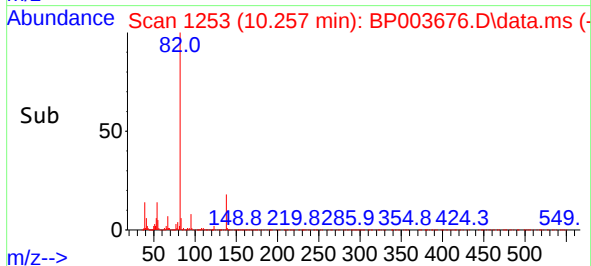
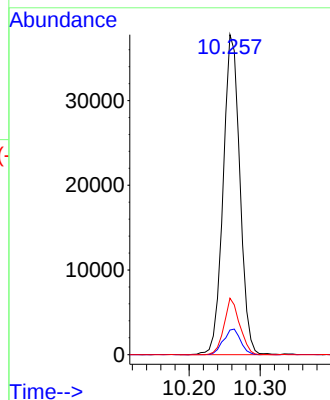
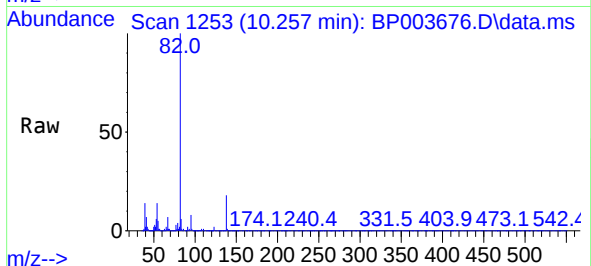
#25
Isophorone
Concen: 3.55 ng
RT: 10.257 min Scan# 1253
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	82	Resp:	61376
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	17.7	18.7	28.1#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

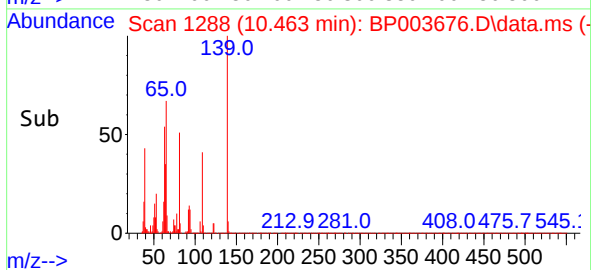
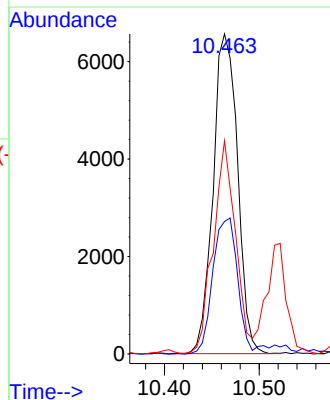
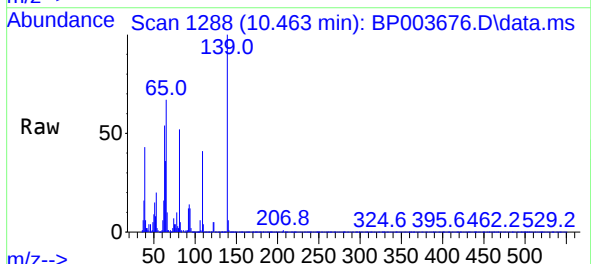
Manual Integrations
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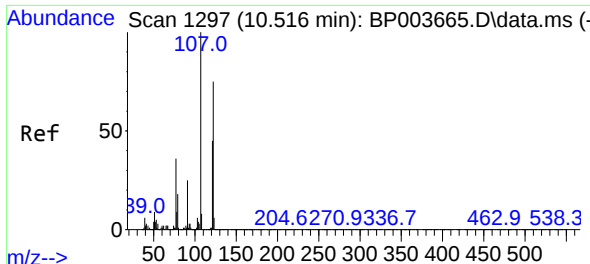
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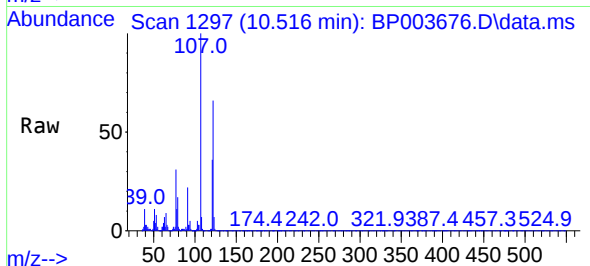
#26
2-Nitrophenol
Concen: 3.06 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	139	Resp:	11788
Ion	Ratio	Lower	Upper
139	100		
109	41.4	22.1	33.1#
65	66.7	26.5	39.7#

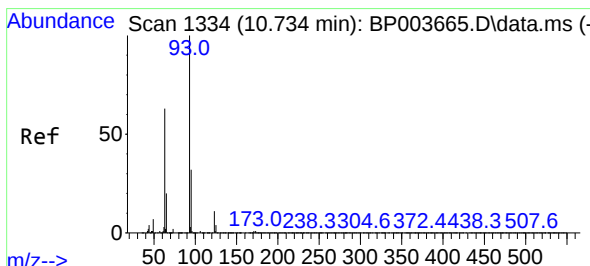
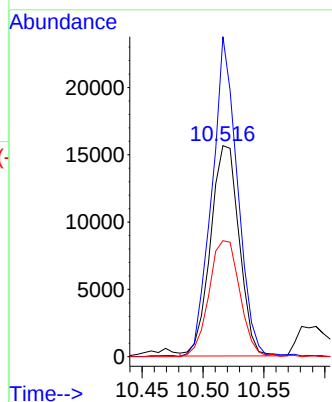
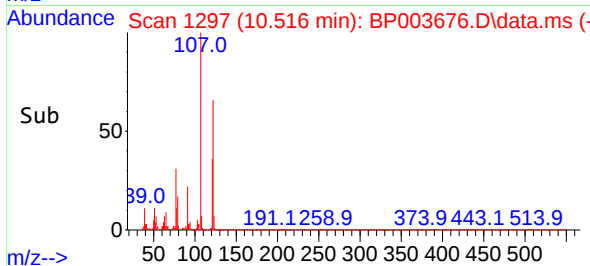




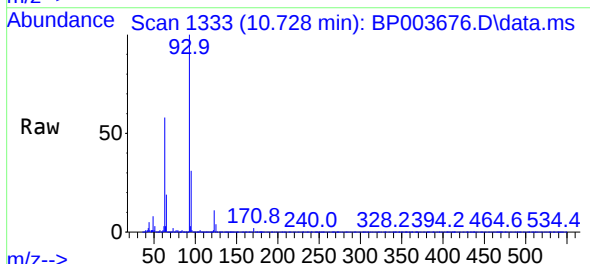
#27
2,4-Dimethylphenol
Concen: 4.22 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



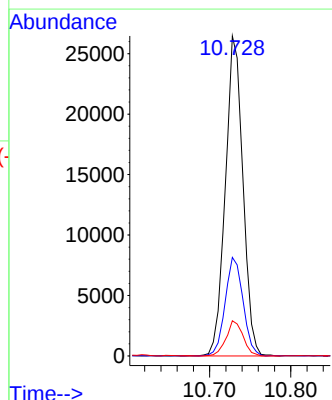
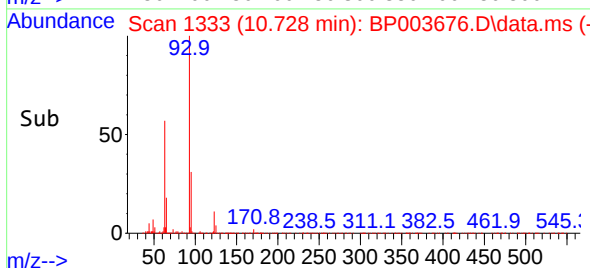
Tgt Ion:122 Resp: 25554
Ion Ratio Lower Upper
122 100
107 151.6 87.3 130.9#
121 54.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 3.61 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



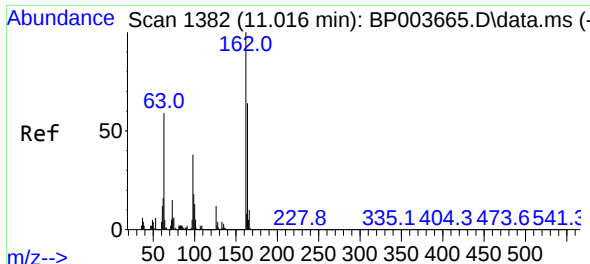
Tgt Ion: 93 Resp: 39758
Ion Ratio Lower Upper
93 100
95 30.8 26.7 40.1
123 11.0 10.5 15.7



Instrument :
BNA_P
ClientSampleId :
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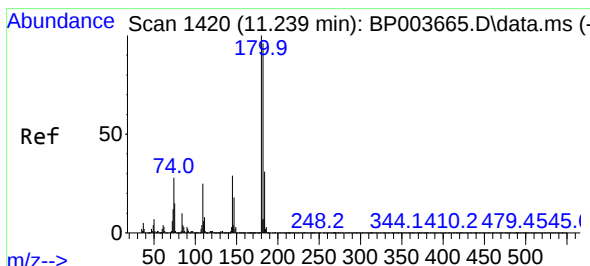
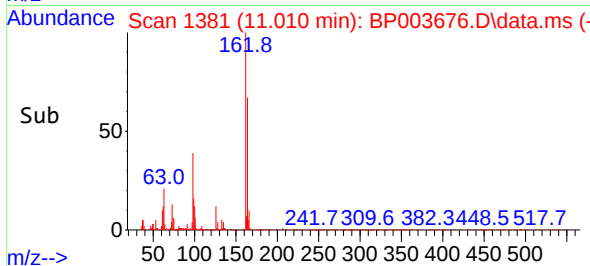
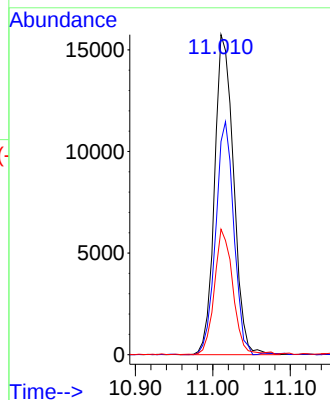
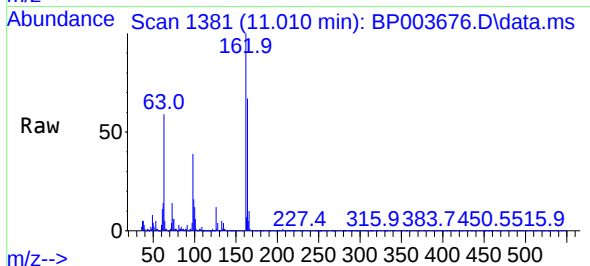
#29
2,4-Dichlorophenol
Concen: 3.39 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	162	Resp:	26920
Ion Ratio	Lower	Upper	
162	100		
164	66.6	45.8	85.8
98	39.2	10.2	50.2

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

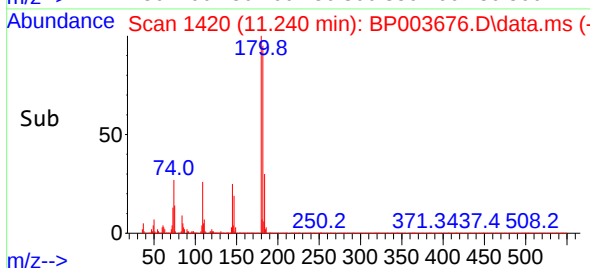
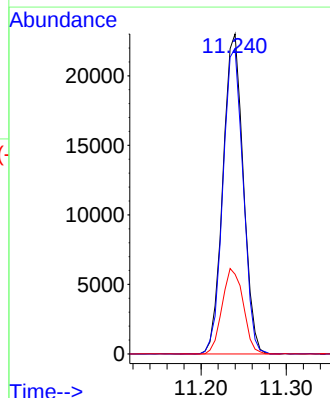
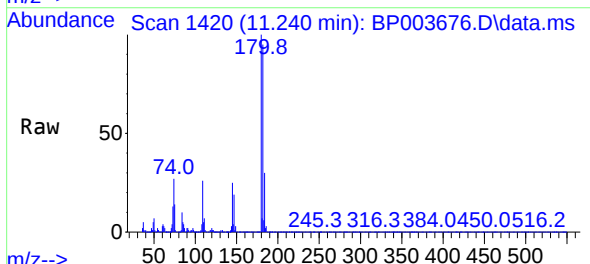
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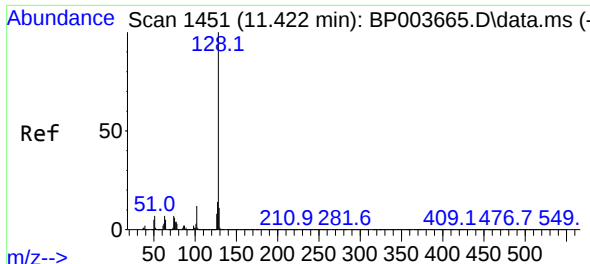
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#30
1,2,4-Trichlorobenzene
Concen: 3.75 ng
RT: 11.240 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

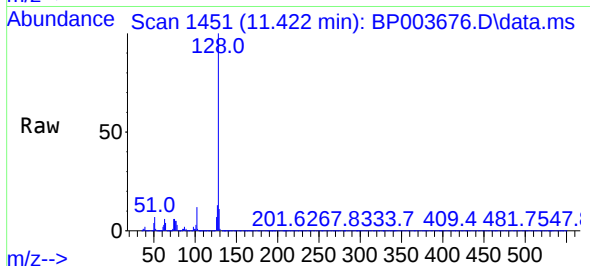
Tgt Ion:	180	Resp:	38149
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.2	114.2
145	24.9	23.8	35.8





#31
Naphthalene
Concen: 3.70 ng
RT: 11.422 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

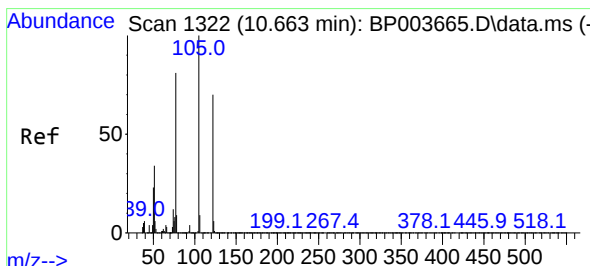
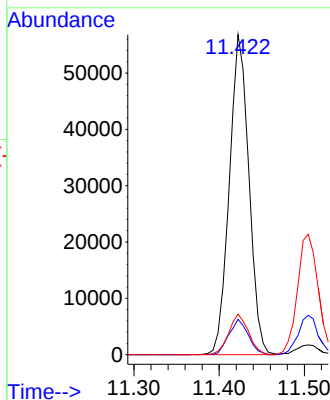
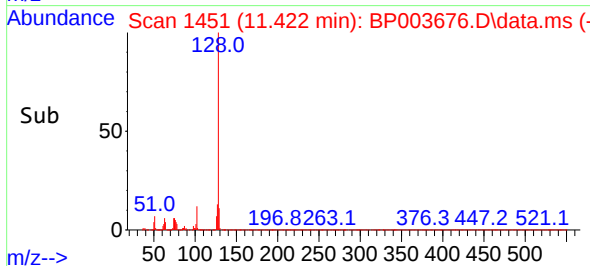
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



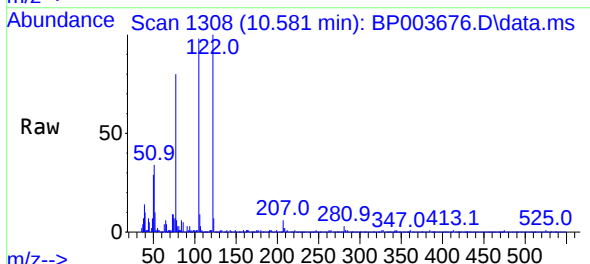
Tgt Ion:128 Resp: 90542
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.6 15.8

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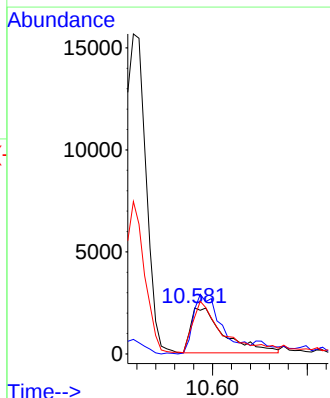
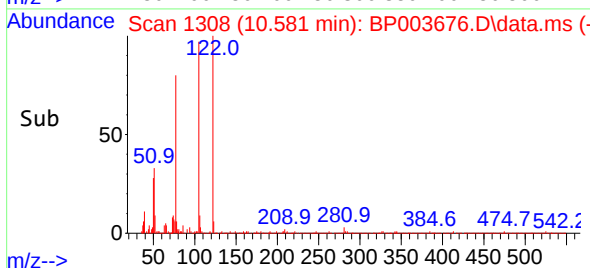
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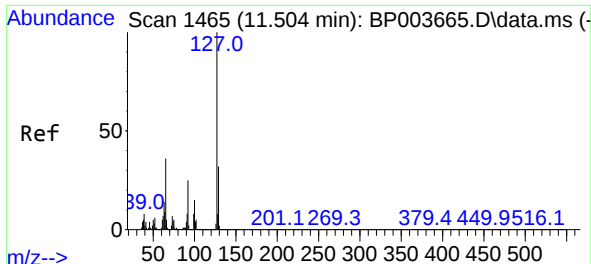


#32
Benzoic acid
Concen: 1.50 ng
RT: 10.581 min Scan# 1308
Delta R.T. -0.082 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:122 Resp: 5386
Ion Ratio Lower Upper
122 100
105 97.6 94.1 134.1
77 80.5 50.1 90.1





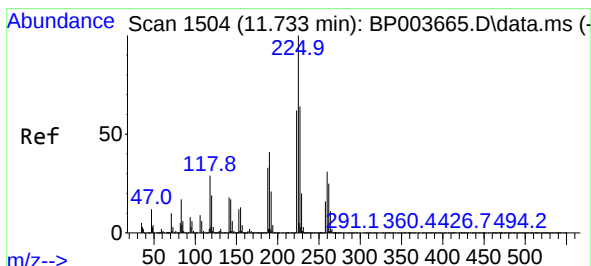
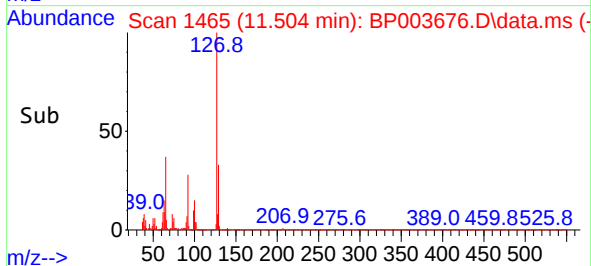
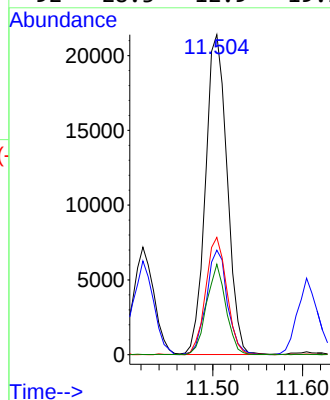
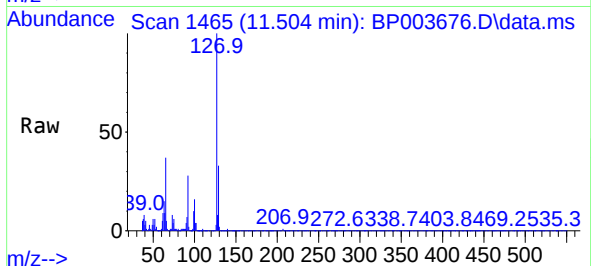
#33
4-Chloroaniline
Concen: 3.55 ng
RT: 11.504 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	127	Resp:	35826
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.7	38.5
65	36.7	17.3	25.9#
92	28.3	12.9	19.3#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

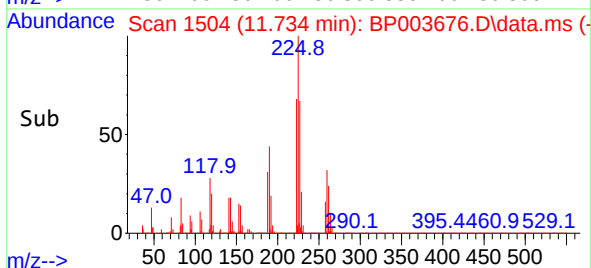
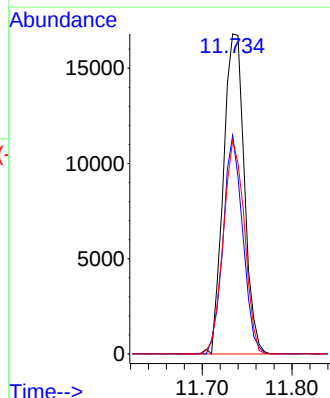
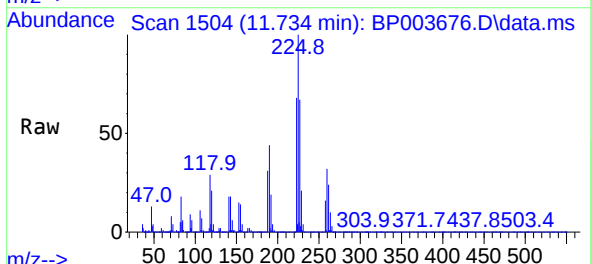
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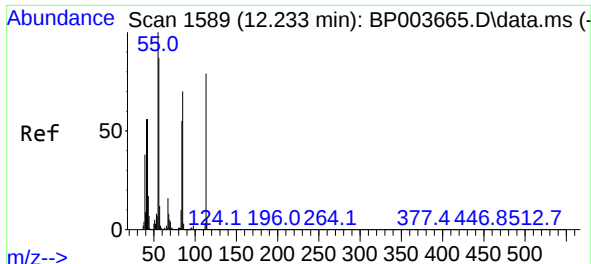
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#34
Hexachlorobutadiene
Concen: 3.54 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

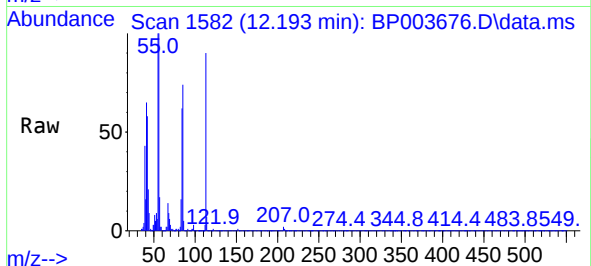
Tgt Ion:	225	Resp:	27165
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.1	75.1
227	66.4	51.4	77.2





#35
Caprolactam
Concen: 3.00 ng
RT: 12.193 min Scan# 1582
Delta R.T. -0.041 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

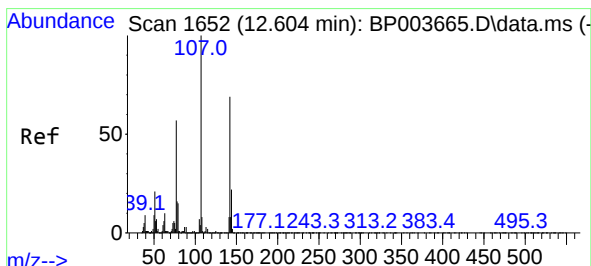
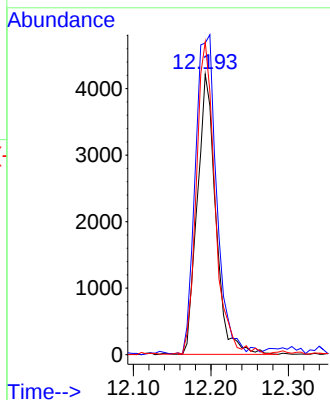
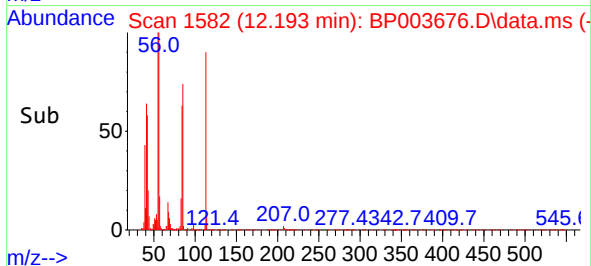
Instrument :
BNA_P
ClientSampleId :
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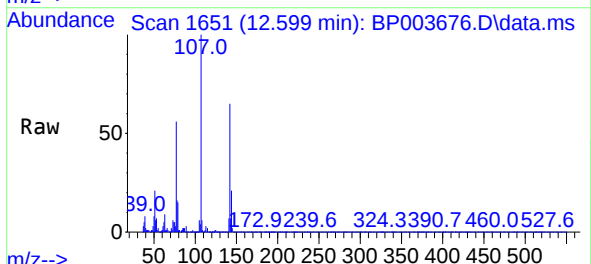
Tgt Ion:113 Resp: 6985
Ion Ratio Lower Upper
113 100
55 111.1 77.3 117.3
56 111.6 55.9 95.9#

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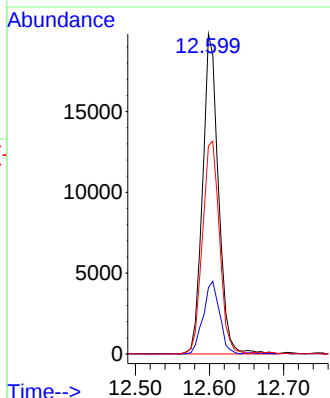
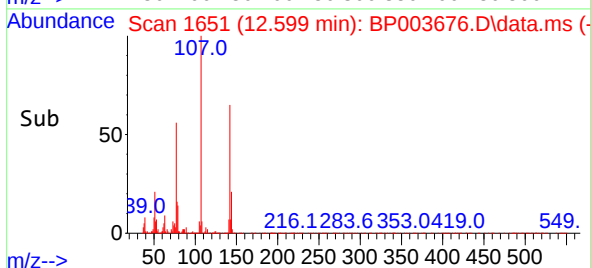
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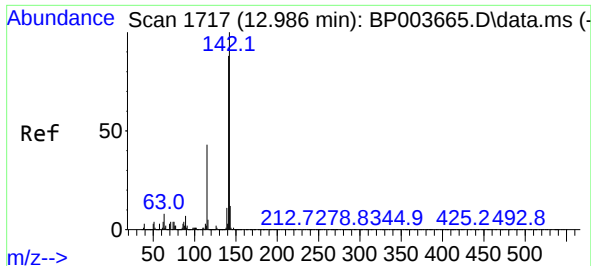


#36
4-Chloro-3-methylphenol
Concen: 3.41 ng
RT: 12.599 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

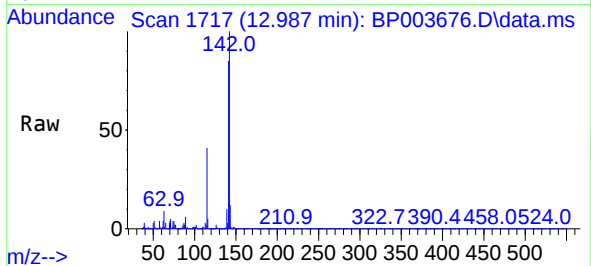


Tgt Ion:107 Resp: 29413
Ion Ratio Lower Upper
107 100
144 20.8 22.7 34.1#
142 65.1 70.7 106.1#

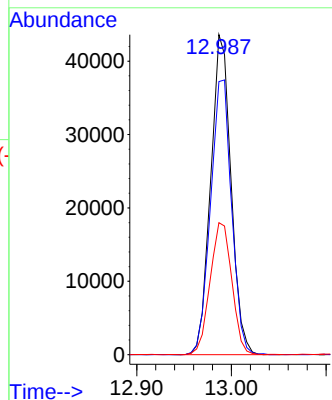




#37
2-Methylnaphthalene
Concen: 3.67 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



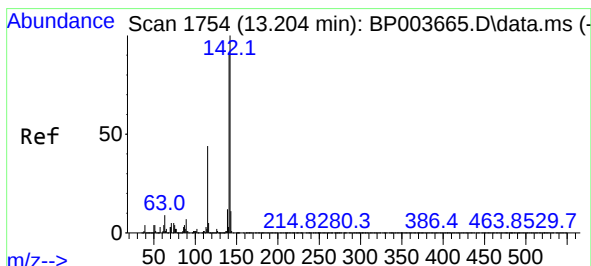
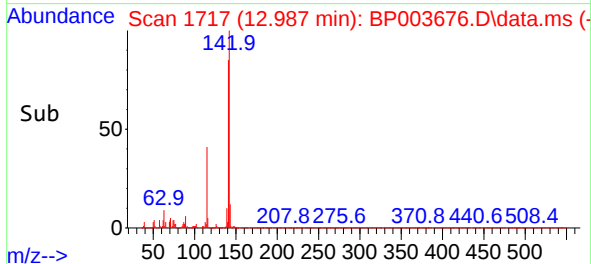
Tgt Ion:142 Resp: 65041
Ion Ratio Lower Upper
142 100
141 85.4 71.4 107.2
115 41.3 25.8 38.6#



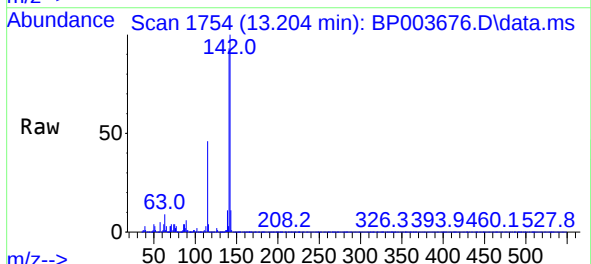
Instrument :
BNA_P
ClientSampleId :
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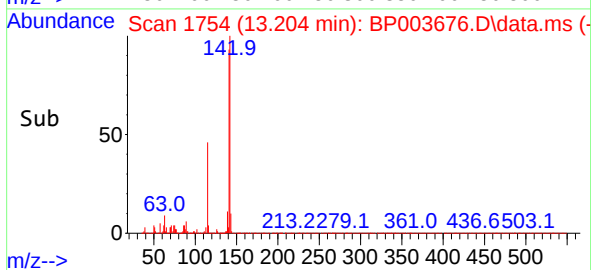
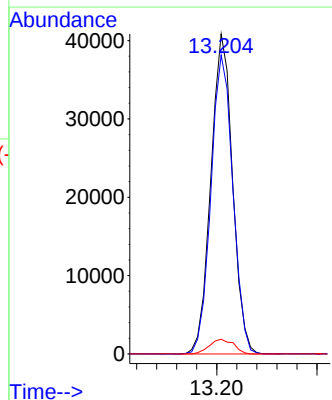
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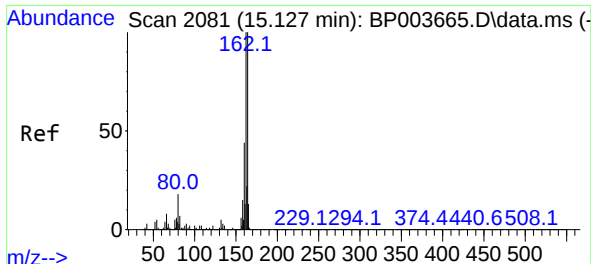


#38
1-Methylnaphthalene
Concen: 3.66 ng
RT: 13.204 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



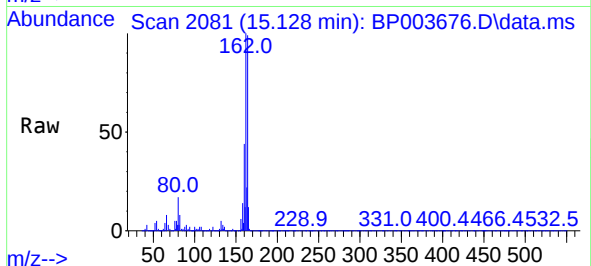
Tgt Ion:142 Resp: 61358
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.6 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.128 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

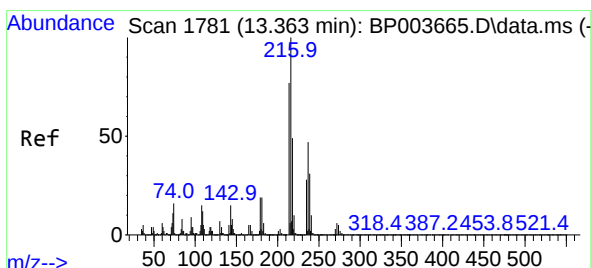
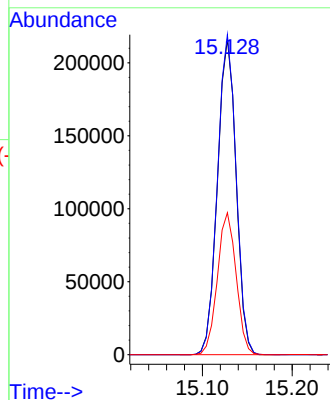
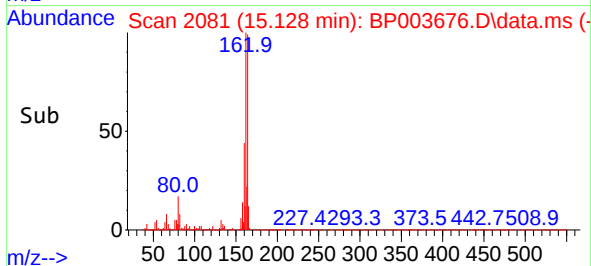
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BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



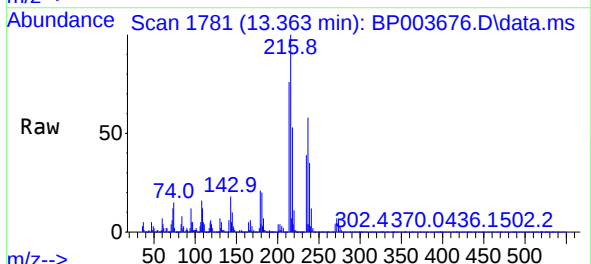
Tgt Ion:164 Resp: 311894
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 45.0 36.1 54.1

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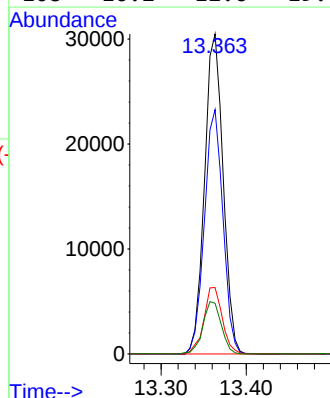
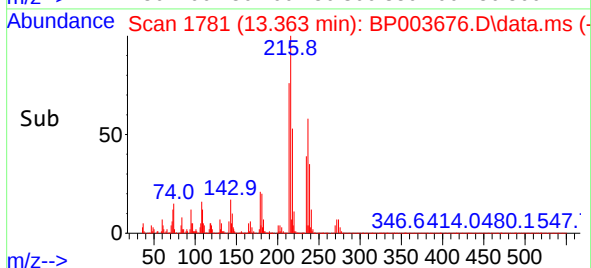
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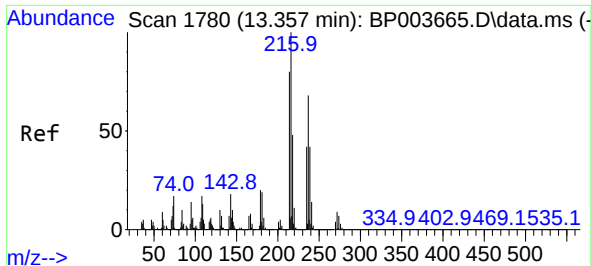


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.74 ng
RT: 13.363 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



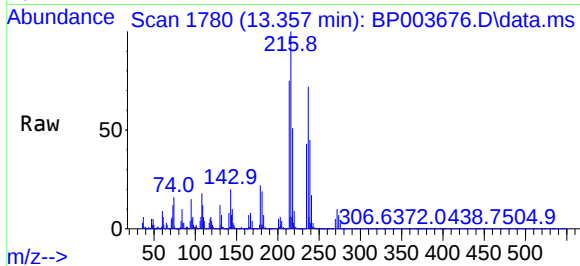
Tgt Ion:216 Resp: 46255
Ion Ratio Lower Upper
216 100
214 76.1 63.0 94.6
179 20.6 16.9 25.3
108 16.2 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 4.02 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

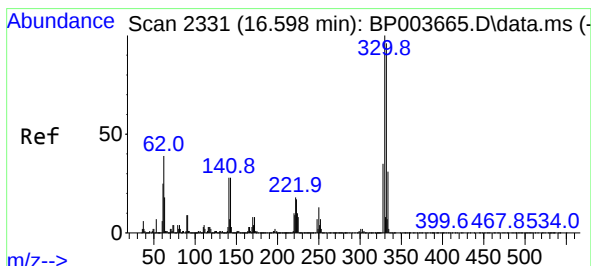
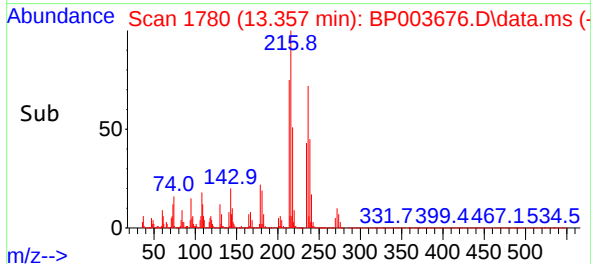
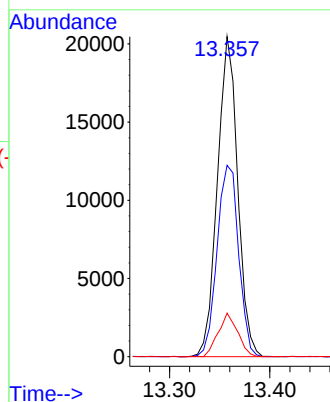
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:237 Resp: 28744
Ion Ratio Lower Upper
237 100
235 59.8 43.2 83.2
272 13.6 0.0 33.3

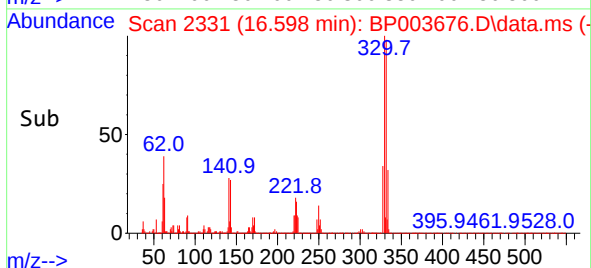
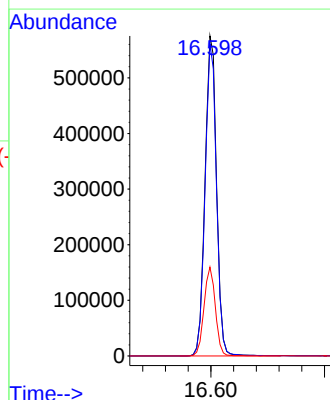
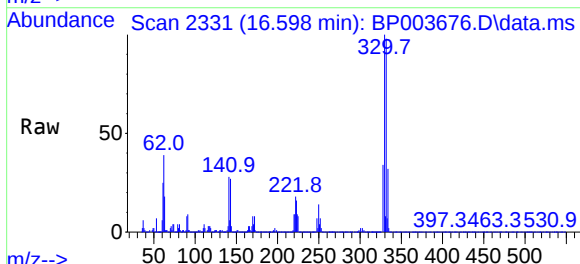
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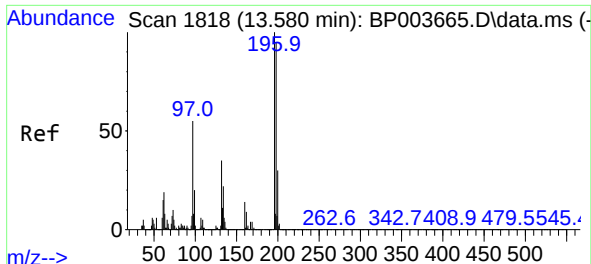
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#42
2,4,6-Tribromophenol
Concen: 165.58 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:330 Resp: 805682
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.5 23.4 35.2





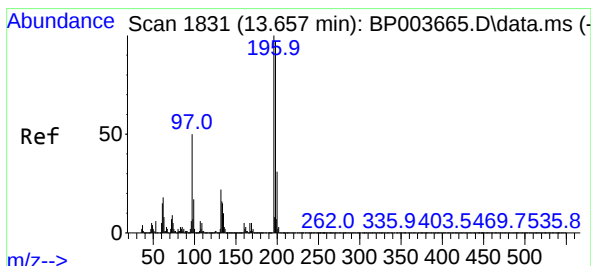
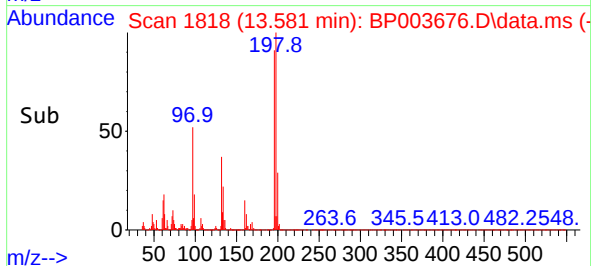
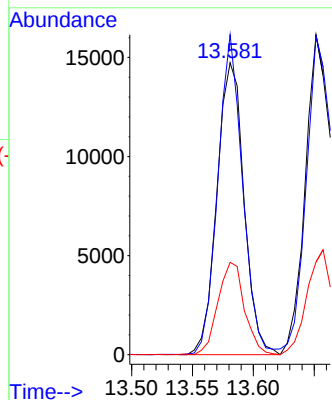
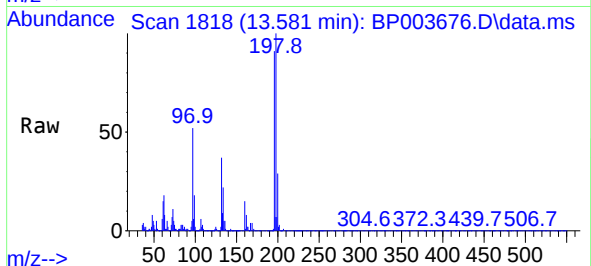
#43
2,4,6-Trichlorophenol
Concen: 3.10 ng
RT: 13.581 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	196	Resp:	22783
Ion	Ratio	Lower	Upper
196	100		
198	109.6	77.0	115.6
200	31.6	25.1	37.7

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

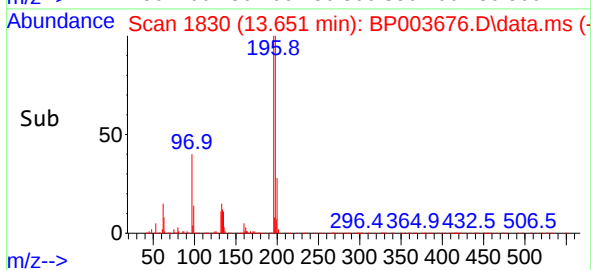
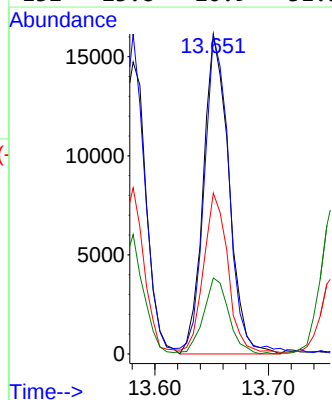
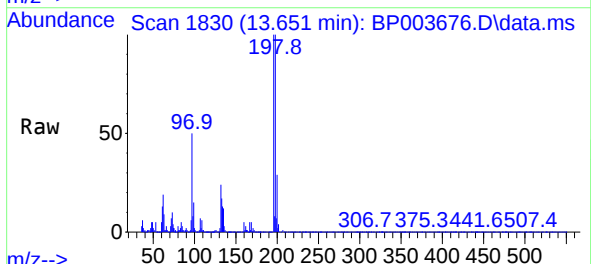
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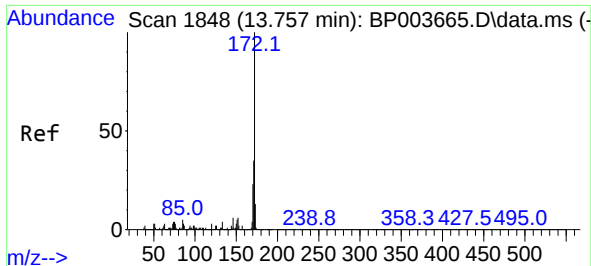
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 3.30 ng
RT: 13.651 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

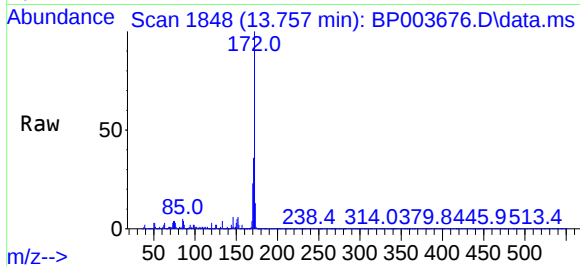
Tgt Ion:	196	Resp:	25226
Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.3	115.9
97	50.3	31.0	46.4#
132	23.8	20.9	31.3





#45
2-Fluorobiphenyl
Concen: 103.87 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

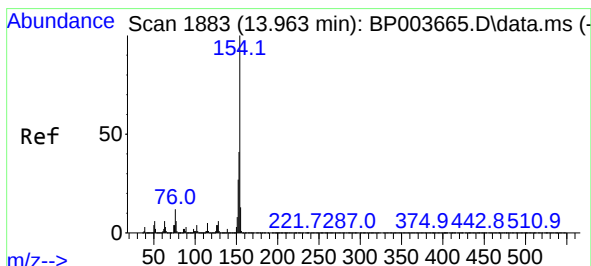
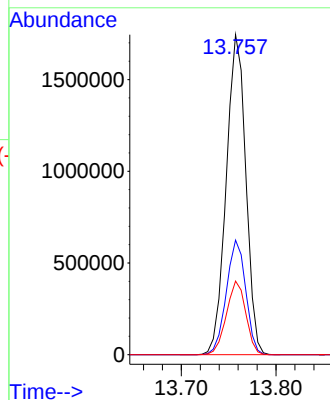
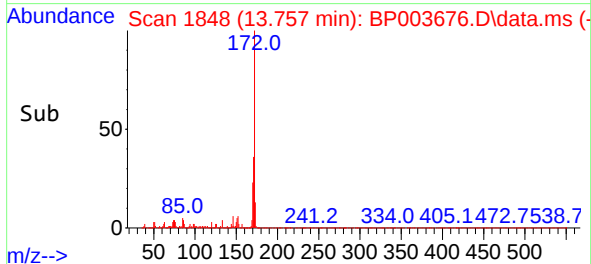
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



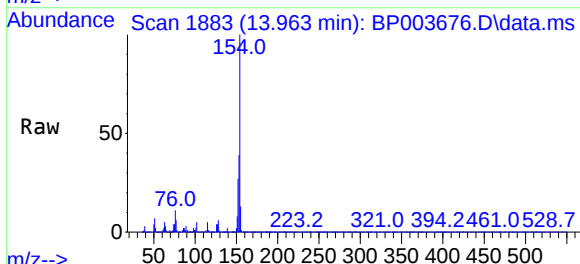
Tgt Ion:172 Resp: 2505951
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.0 19.2 28.8

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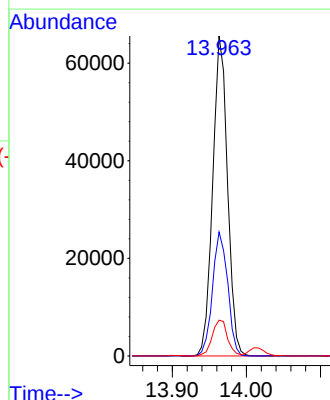
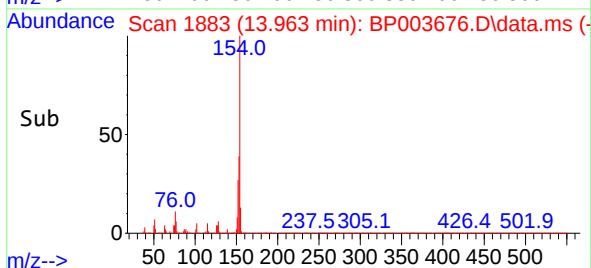
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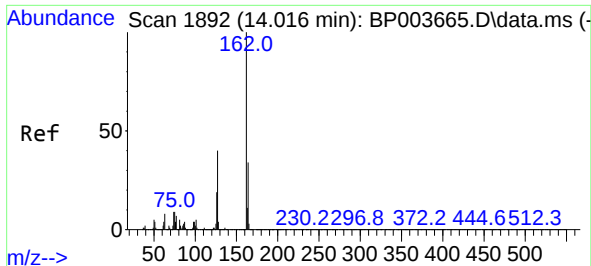


#46
1,1'-Biphenyl
Concen: 3.73 ng
RT: 13.963 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



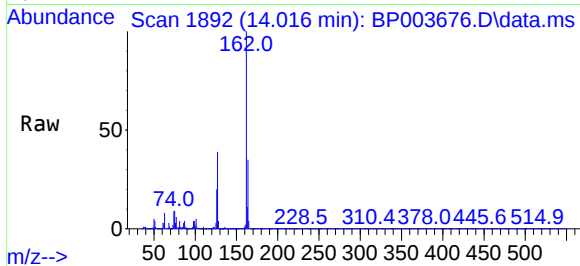
Tgt Ion:154 Resp: 90783
Ion Ratio Lower Upper
154 100
153 38.8 20.4 60.4
76 11.2 0.0 29.3





#47
2-Chloronaphthalene
Concen: 3.46 ng
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

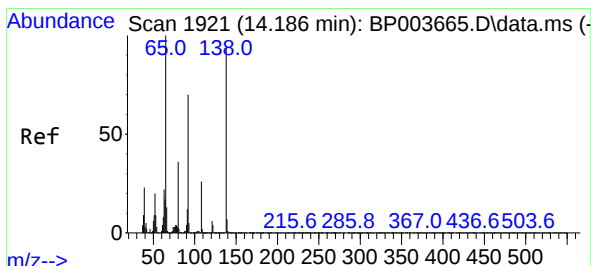
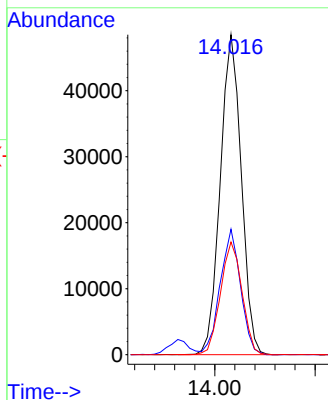
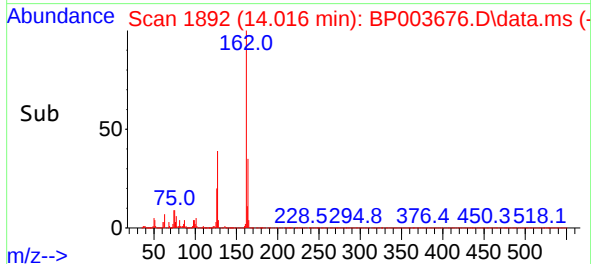
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



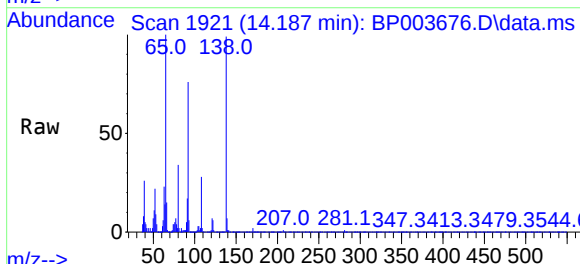
Tgt Ion:162 Resp: 70389
Ion Ratio Lower Upper
162 100
127 39.2 29.9 44.9
164 35.2 26.1 39.1

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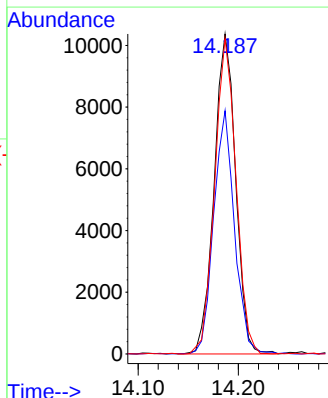
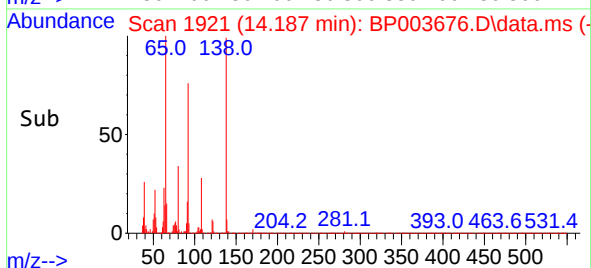
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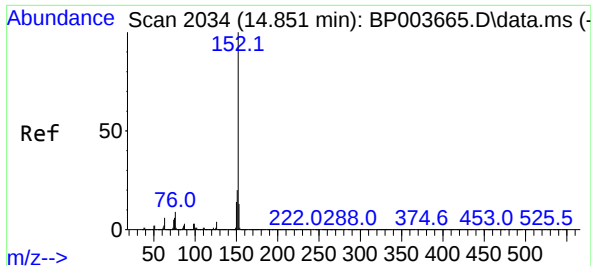


#48
2-Nitroaniline
Concen: 2.57 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion: 65 Resp: 15435
Ion Ratio Lower Upper
65 100
92 76.0 70.6 106.0
138 98.5 133.6 200.4#





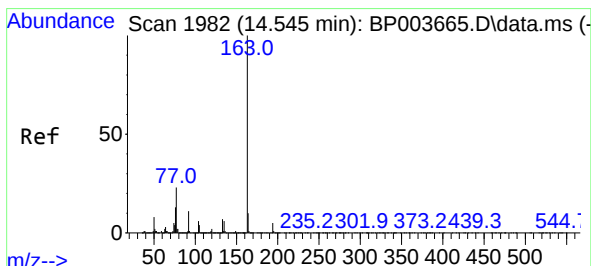
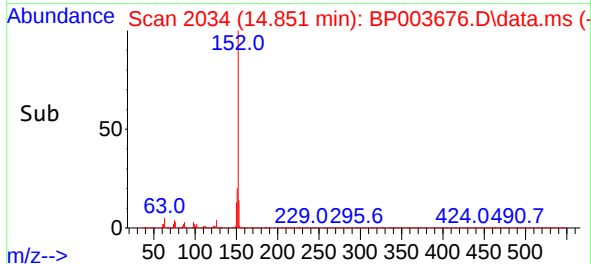
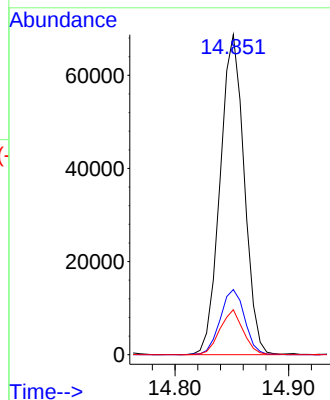
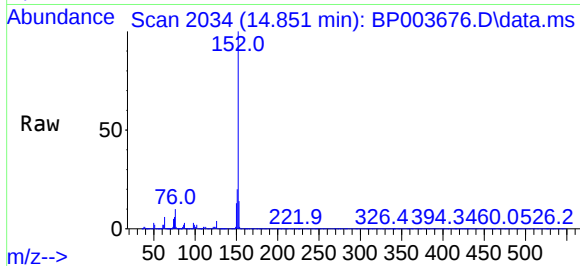
#49
Acenaphthylene
Concen: 3.48 ng
RT: 14.851 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	152	Resp:	101062
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	14.0	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

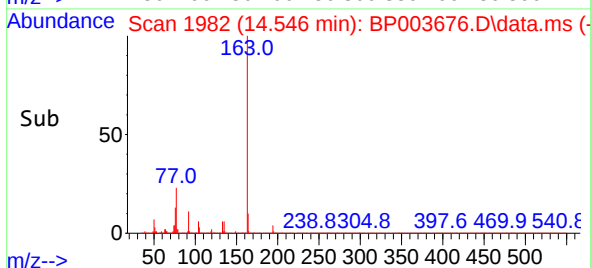
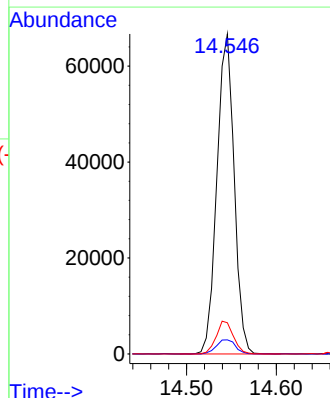
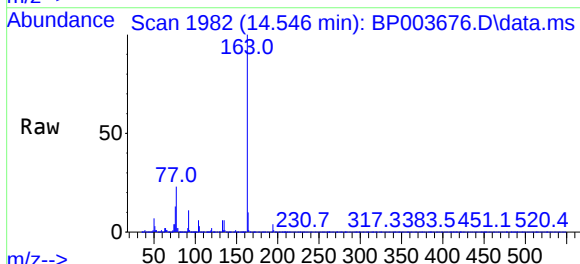
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#50
Dimethylphthalate
Concen: 3.46 ng
RT: 14.546 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	163	Resp:	88779
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	9.8	8.2	12.2





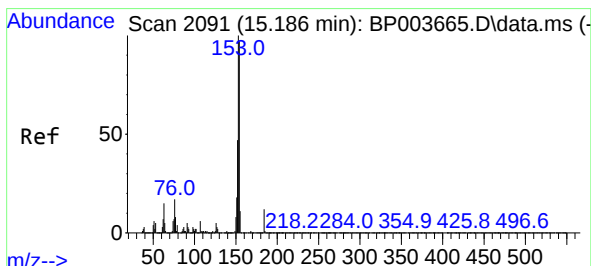
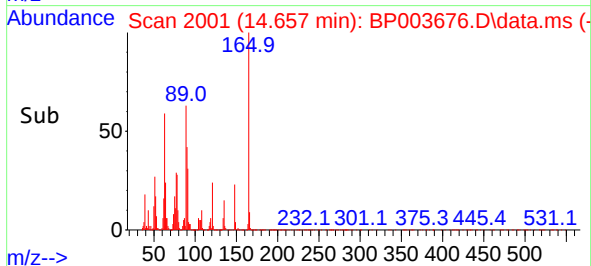
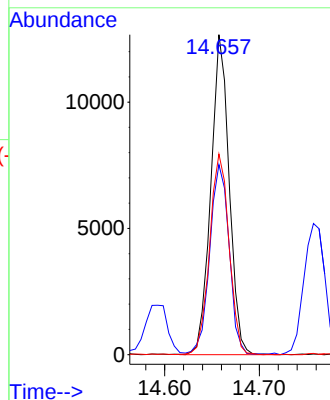
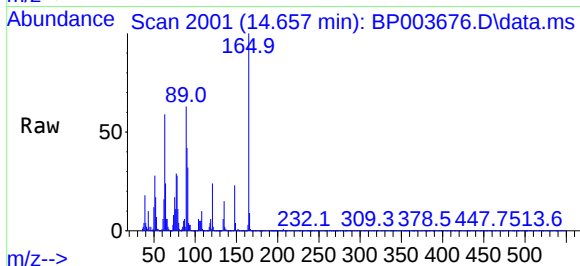
#51
2,6-Dinitrotoluene
Concen: 3.26 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:165 Resp: 17010
Ion Ratio Lower Upper
165 100
63 59.4 27.8 41.6#
89 62.7 34.6 52.0#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

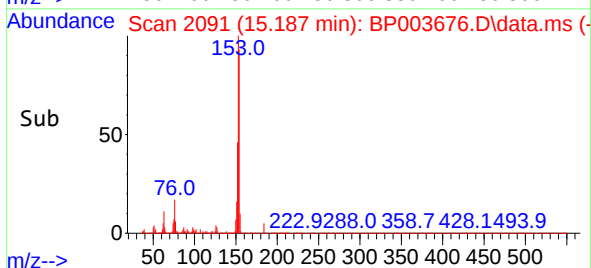
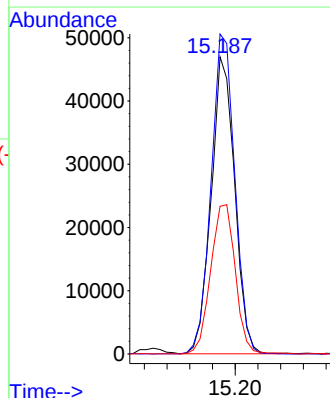
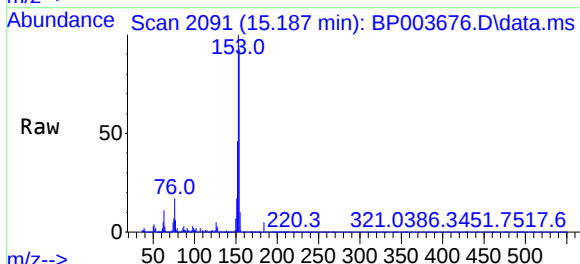
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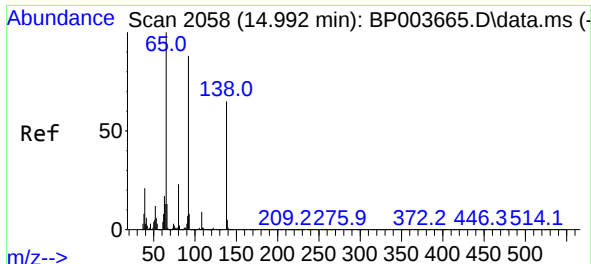
mohammad
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#52
Acenaphthene
Concen: 3.45 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:154 Resp: 67546
Ion Ratio Lower Upper
154 100
153 107.7 91.0 136.6
152 49.7 43.0 64.6





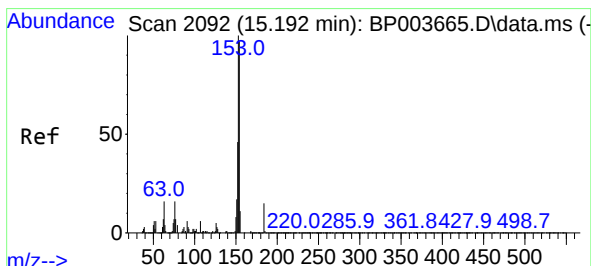
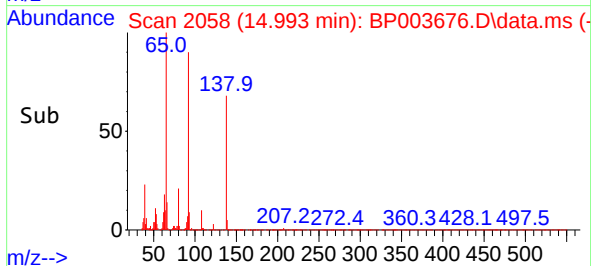
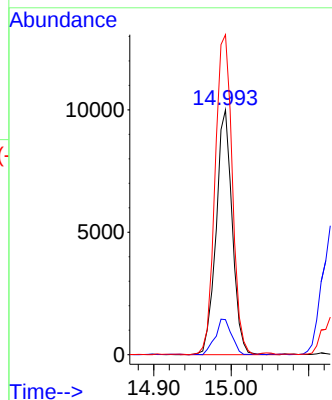
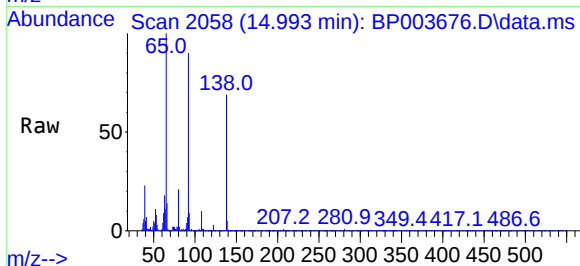
#53
3-Nitroaniline
Concen: 2.82 ng
RT: 14.993 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:138 Resp: 14406
Ion Ratio Lower Upper
138 100
108 14.3 7.5 11.3#
92 130.7 75.0 112.6#

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

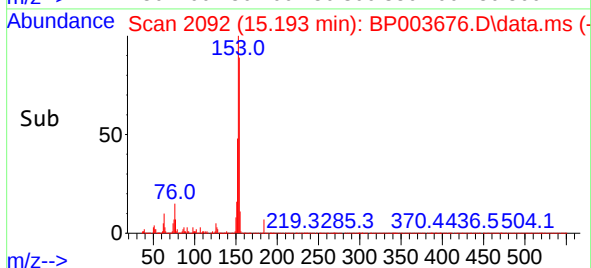
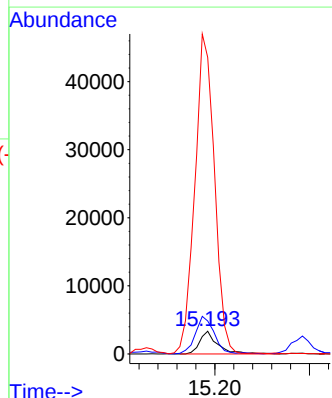
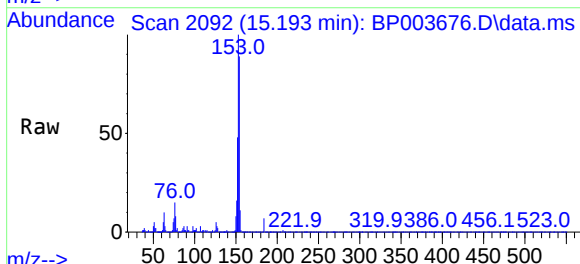
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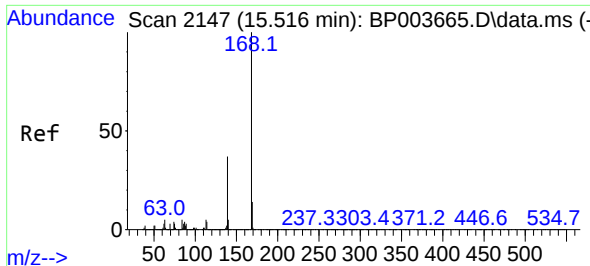
mohammad
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#54
2,4-Dinitrophenol
Concen: 1.85 ng
RT: 15.193 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

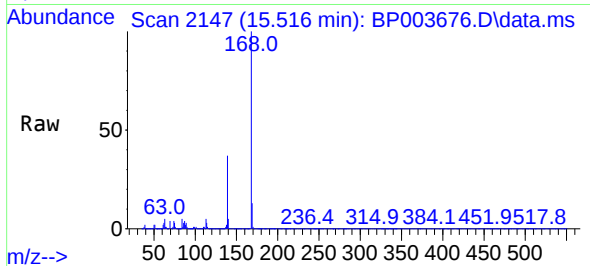
Tgt Ion:184 Resp: 4418
Ion Ratio Lower Upper
184 100
63 145.7 32.3 48.5#
154 1308.0 49.1 73.7#





#55
Dibenzofuran
Concen: 3.77 ng
RT: 15.516 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

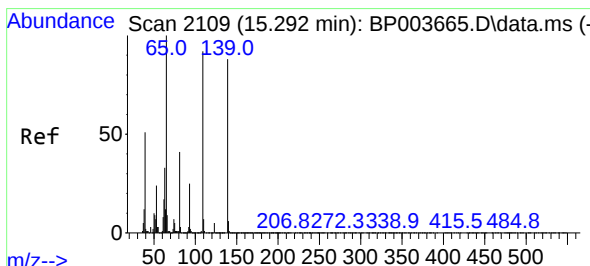
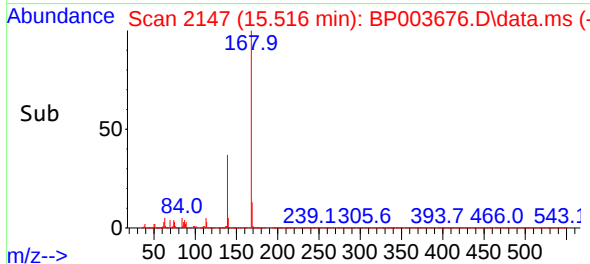
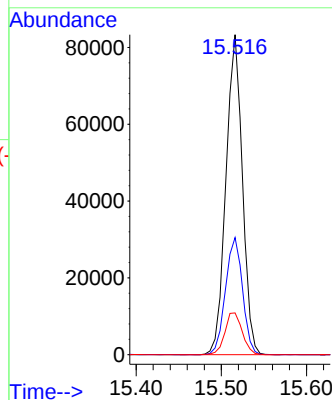
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



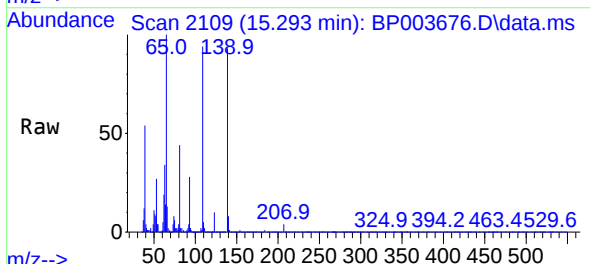
Tgt Ion:168 Resp: 111734
Ion Ratio Lower Upper
168 100
139 36.6 29.1 43.7
169 13.1 10.4 15.6

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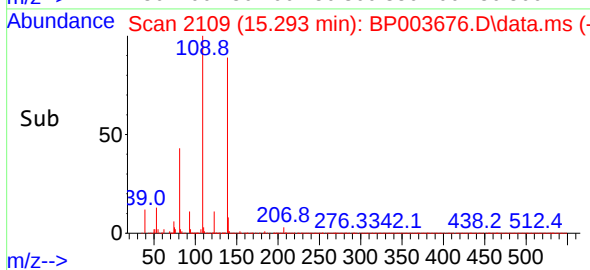
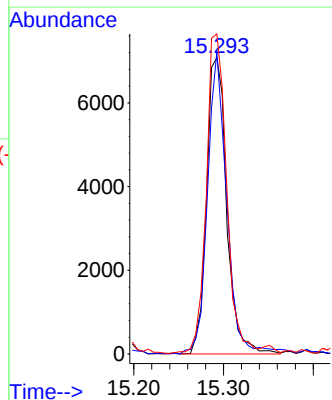
mohammad
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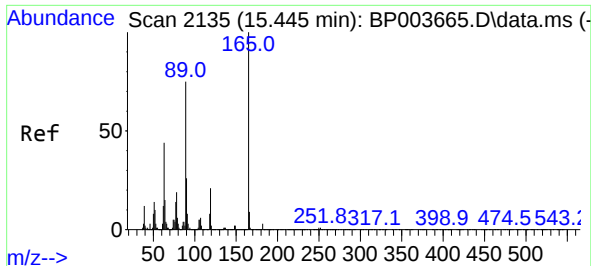


#56
4-Nitrophenol
Concen: 2.88 ng
RT: 15.293 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



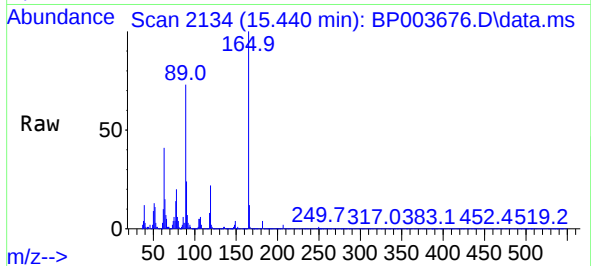
Tgt Ion:139 Resp: 11028
Ion Ratio Lower Upper
139 100
109 101.9 44.6 84.6#
65 108.0 41.6 81.6#





#57
2,4-Dinitrotoluene
Concen: 3.11 ng
RT: 15.440 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

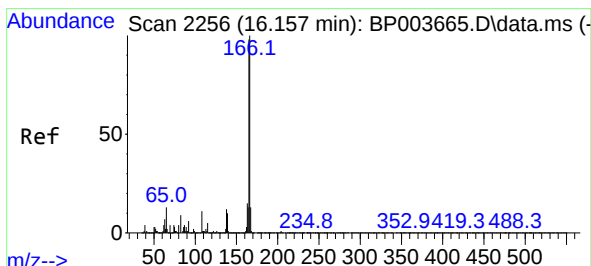
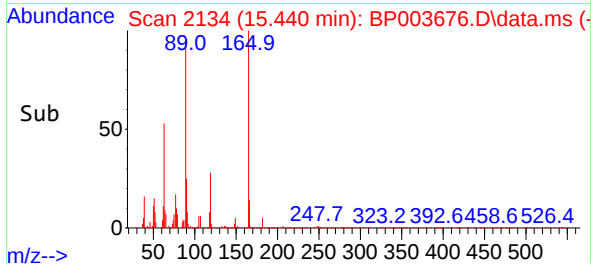
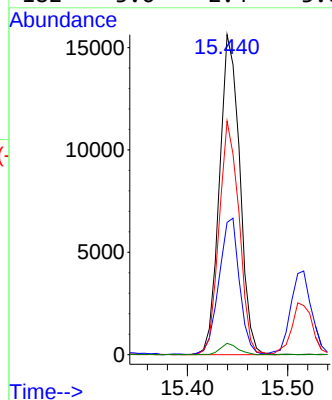
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:165 Resp: 21931
Ion Ratio Lower Upper
165 100
63 41.3 20.6 31.0#
89 73.0 42.6 63.8#
182 3.6 2.4 3.6

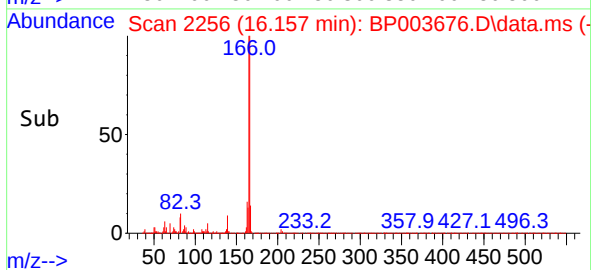
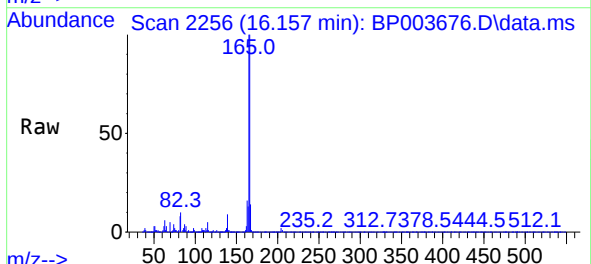
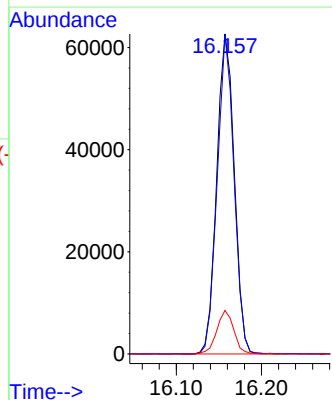
Manual Integrations
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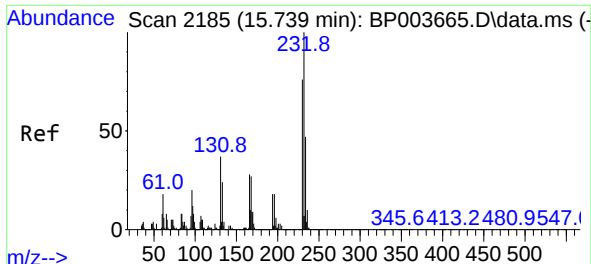
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#58
Fluorene
Concen: 3.75 ng
RT: 16.157 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

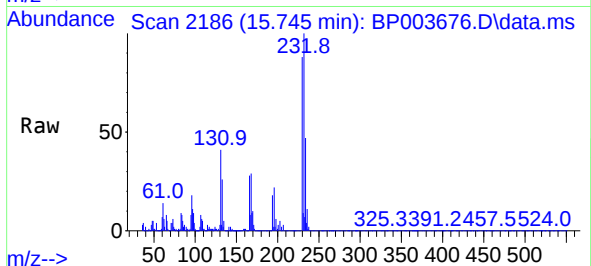
Tgt Ion:166 Resp: 89761
Ion Ratio Lower Upper
166 100
165 99.7 77.8 116.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.15 ng
RT: 15.745 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

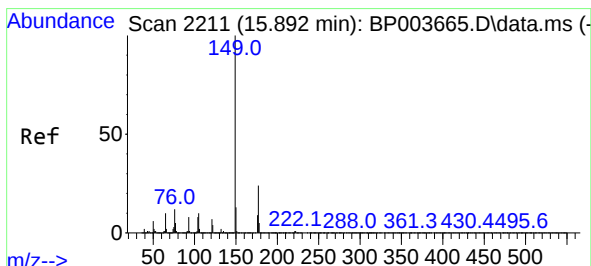
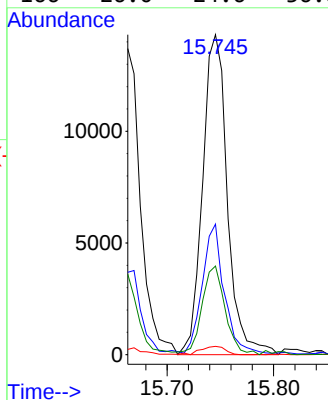
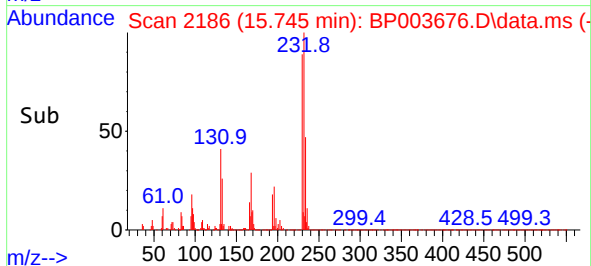
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



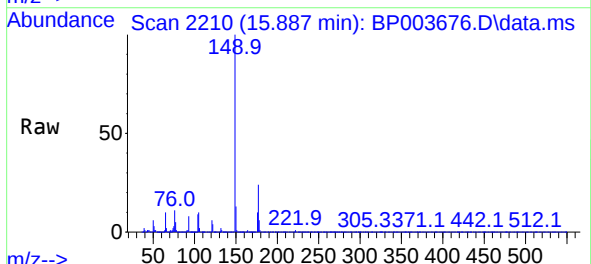
Tgt Ion:232 Resp: 23092
Ion Ratio Lower Upper
232 100
131 35.7 34.1 51.1
130 2.6 1.8 2.8
166 26.0 24.6 36.8

Manual Integrations
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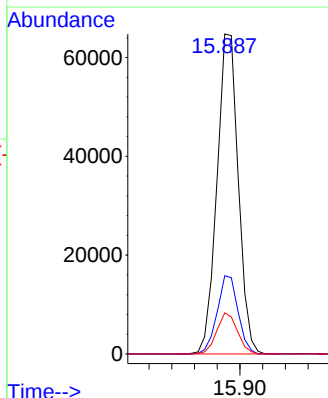
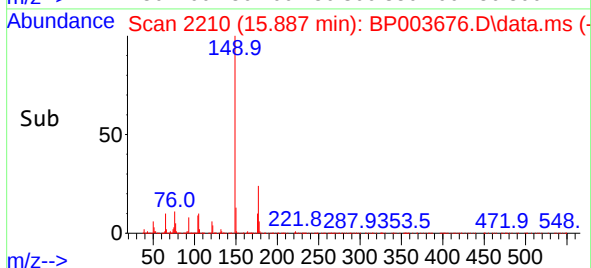
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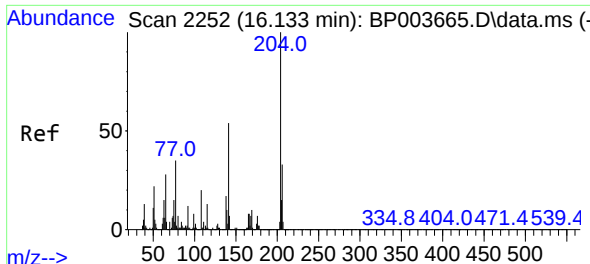


#60
Diethylphthalate
Concen: 3.36 ng
RT: 15.887 min Scan# 2210
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



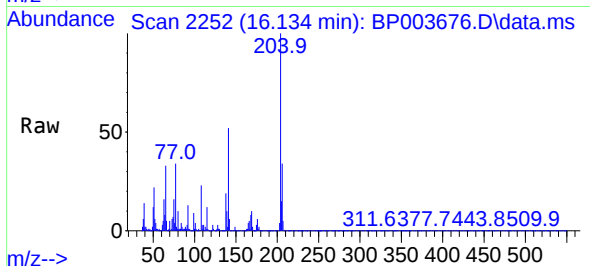
Tgt Ion:149 Resp: 84432
Ion Ratio Lower Upper
149 100
177 24.4 18.0 27.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 3.73 ng
RT: 16.134 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

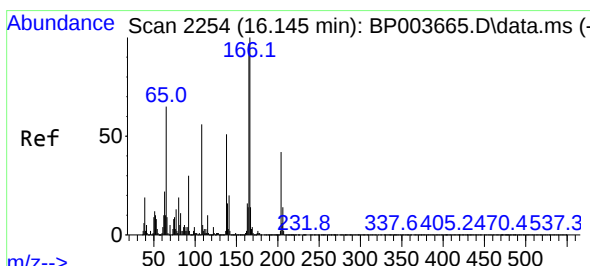
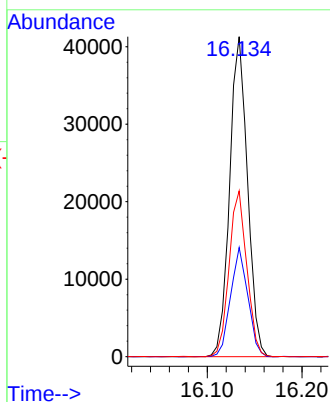
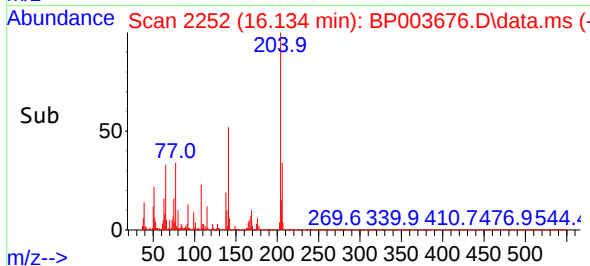
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



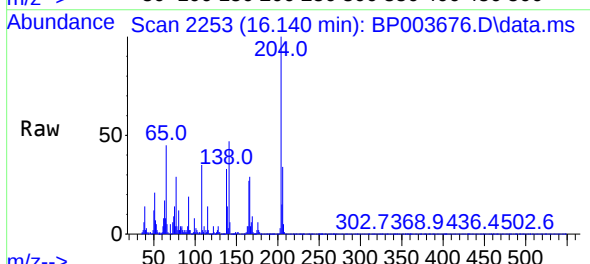
Tgt Ion:204 Resp: 53896
Ion Ratio Lower Upper
204 100
206 34.1 25.9 38.9
141 51.8 46.5 69.7

Manual Integrations
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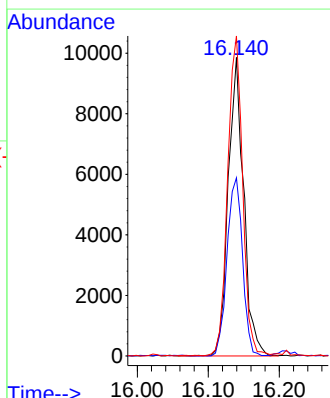
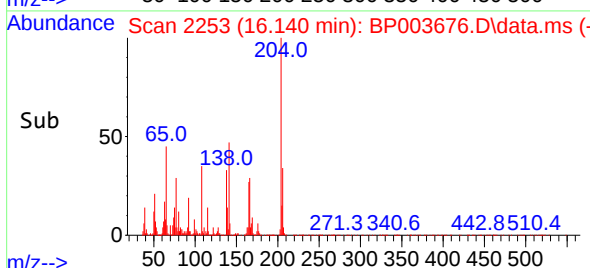
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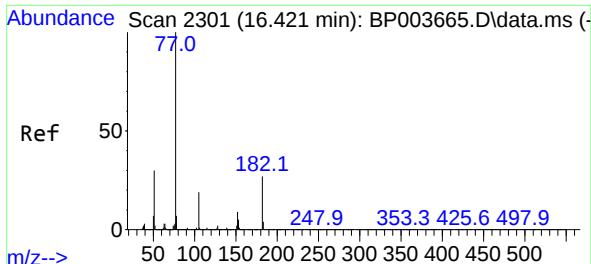


#62
4-Nitroaniline
Concen: 2.62 ng
RT: 16.140 min Scan# 2253
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



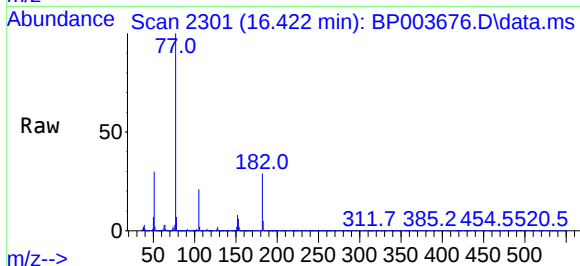
Tgt Ion:138 Resp: 14884
Ion Ratio Lower Upper
138 100
92 59.7 20.7 60.7
108 107.2 47.8 87.8#





#63
Azobenzene
Concen: 3.37 ng
RT: 16.422 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

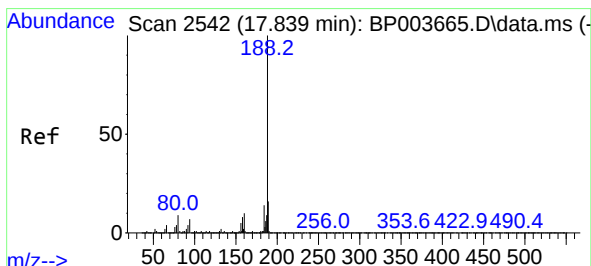
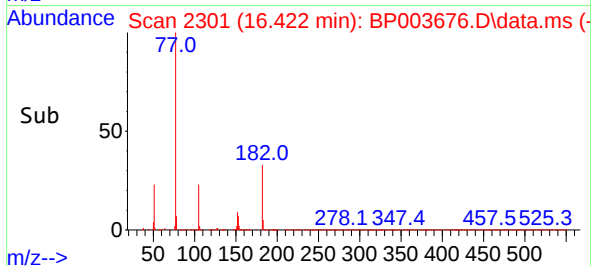
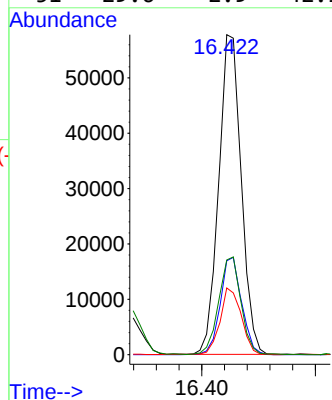
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:	77	Resp:	79616
Ion	Ratio	Lower	Upper
77	100		
182	29.4	16.9	56.9
105	20.9	5.6	45.6
51	29.6	2.9	42.9

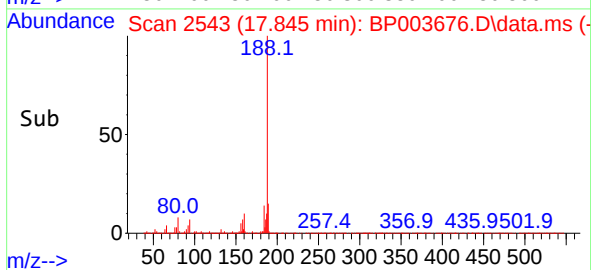
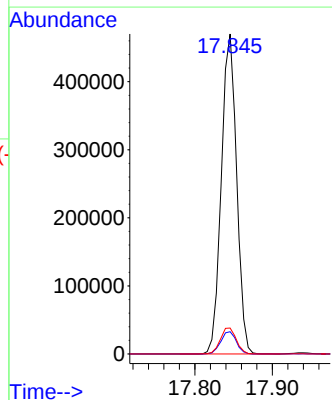
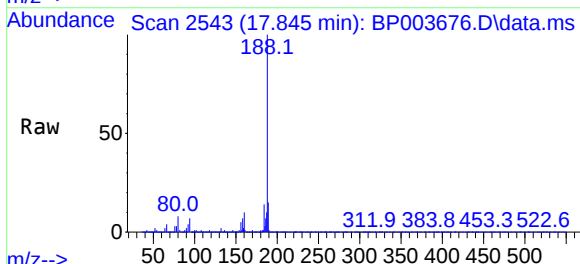
Manual Integrations
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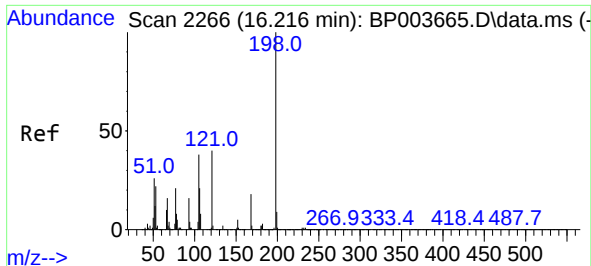
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	188	Resp:	646242
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.2
80	8.1	6.2	9.2





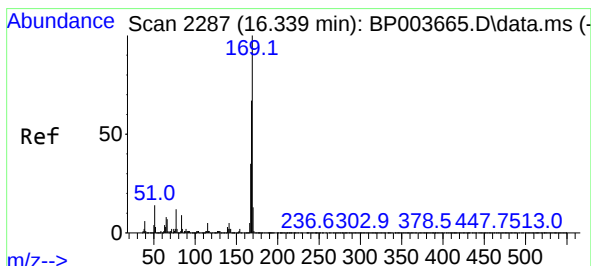
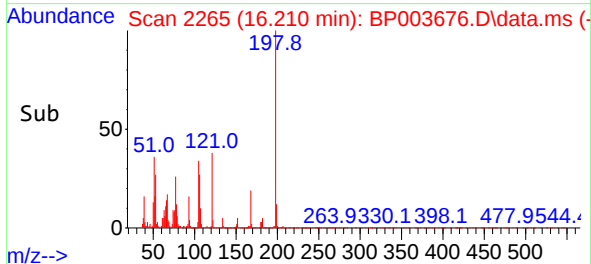
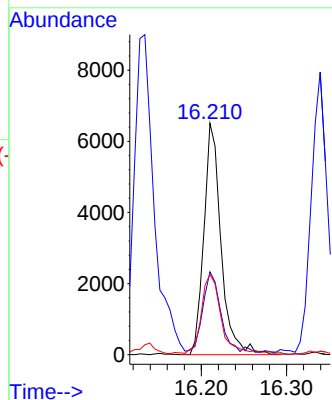
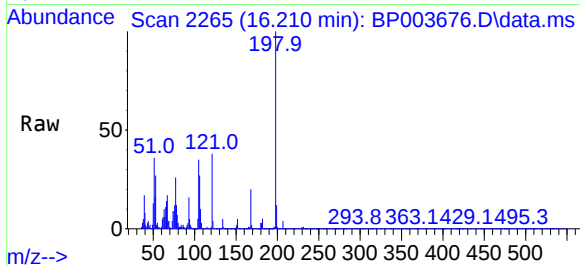
#65
4,6-Dinitro-2-methylphenol
Concen: 2.68 ng
RT: 16.210 min Scan# 2265
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	198	Resp:	9114
Ion Ratio	Lower	Upper	
198	100		
51	35.8	6.4	46.4
105	34.7	18.9	58.9

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

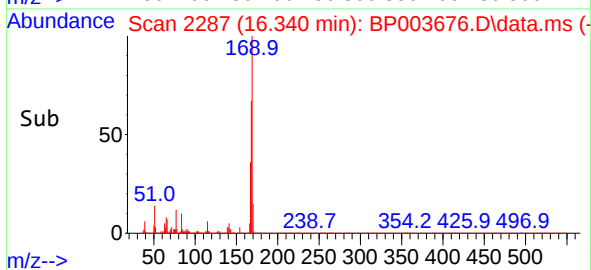
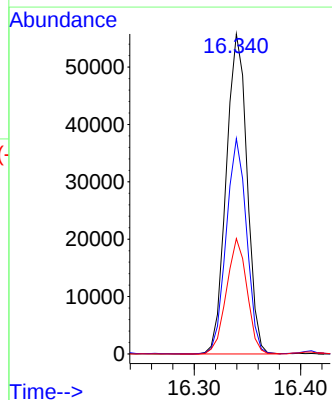
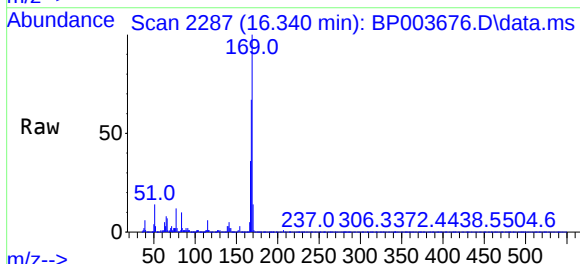
Manual Integrations
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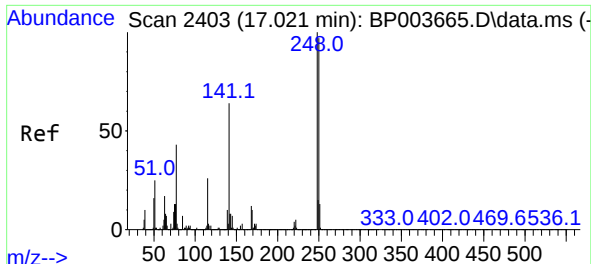
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#66
n-Nitrosodiphenylamine
Concen: 3.94 ng
RT: 16.340 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

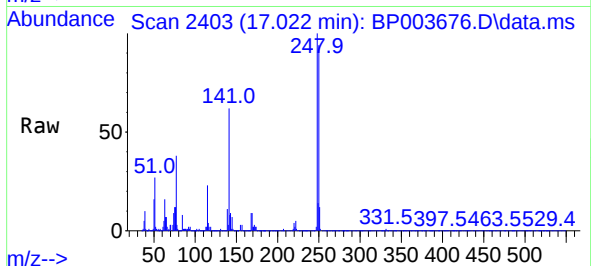
Tgt Ion:	169	Resp:	75753
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.8	80.6
167	36.0	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

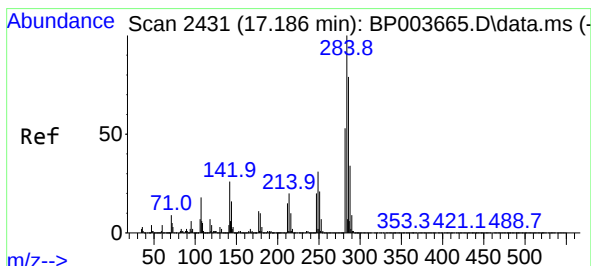
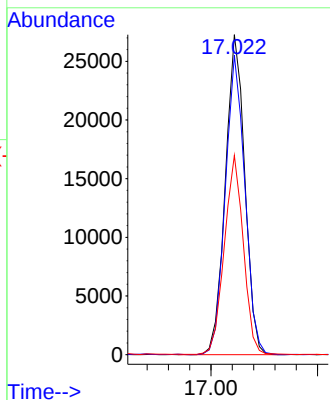
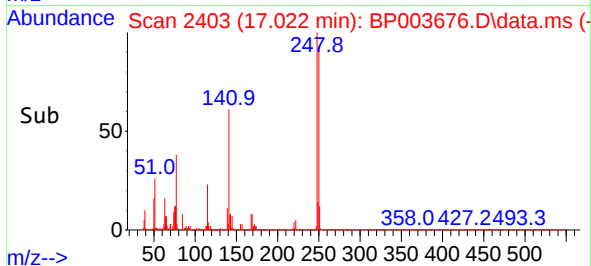
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



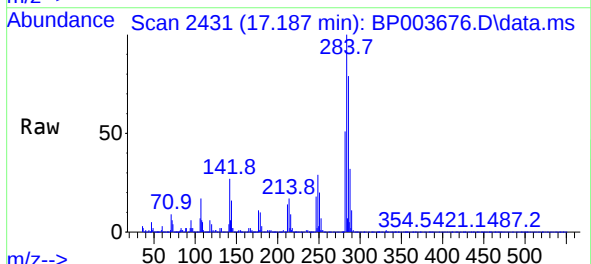
Tgt Ion:248 Resp: 34458
Ion Ratio Lower Upper
248 100
250 93.6 76.7 115.1
141 62.2 53.0 79.6

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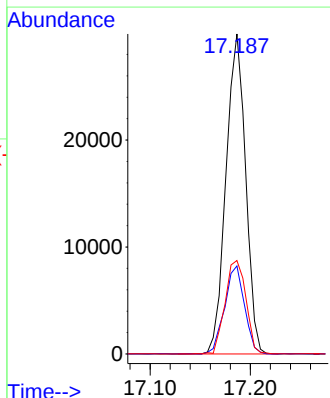
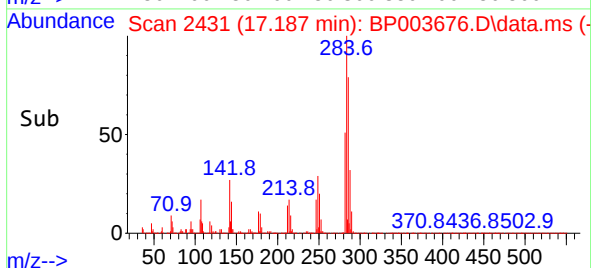
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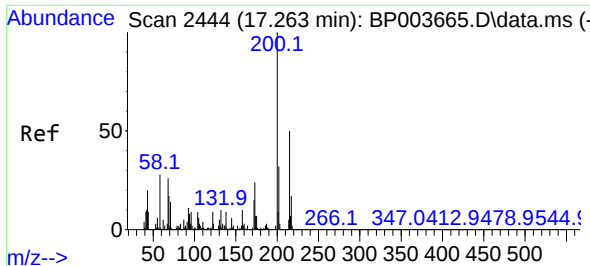


#68
Hexachlorobenzene
Concen: 4.08 ng
RT: 17.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:284 Resp: 40666
Ion Ratio Lower Upper
284 100
142 27.5 24.2 36.4
249 29.2 23.8 35.8





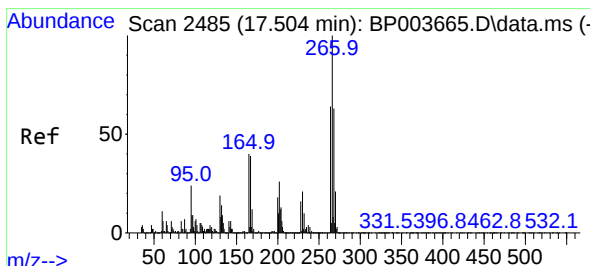
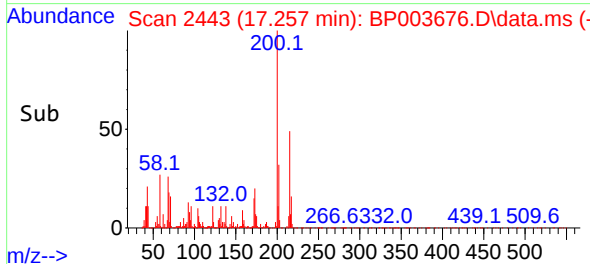
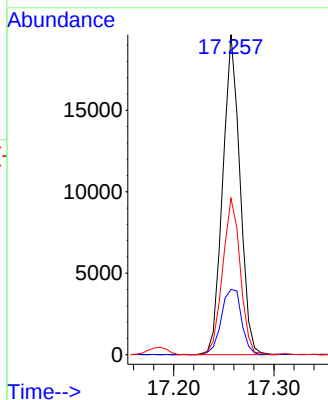
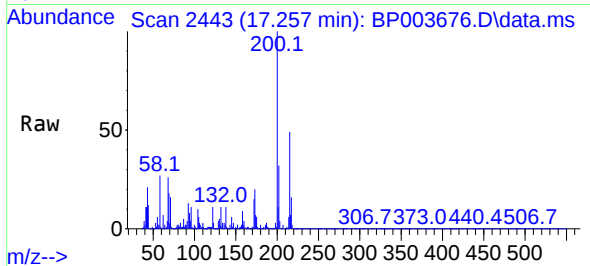
#69
Atrazine
Concen: 3.12 ng
RT: 17.257 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	200	Resp:	23374
Ion Ratio	Lower	Upper	
200	100		
173	20.4	5.9	45.9
215	48.9	28.4	68.4

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

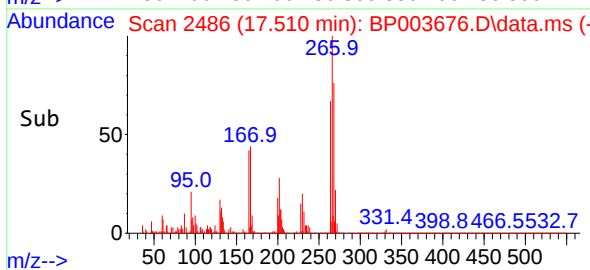
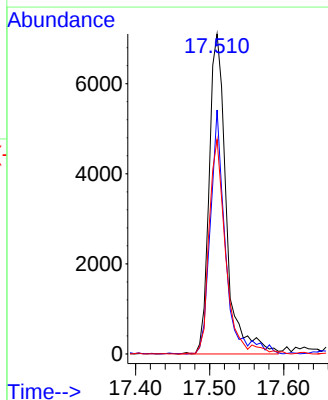
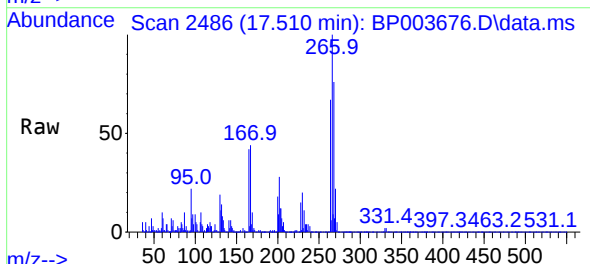
Manual Integrations
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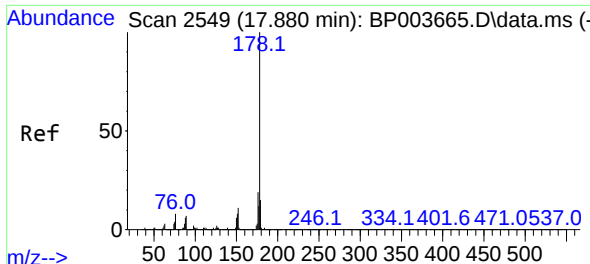
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#70
Pentachlorophenol
Concen: 2.33 ng
RT: 17.510 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

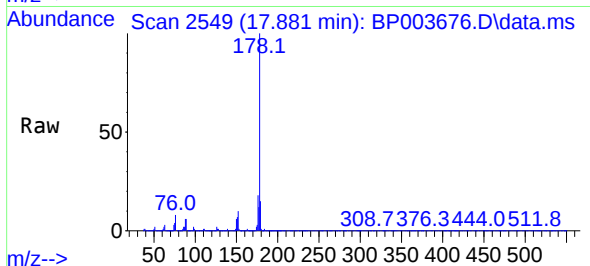
Tgt Ion:	266	Resp:	11454
Ion Ratio	Lower	Upper	
266	100		
268	76.3	51.1	76.7
264	72.6	50.6	76.0





#71
Phenanthrene
Concen: 3.72 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

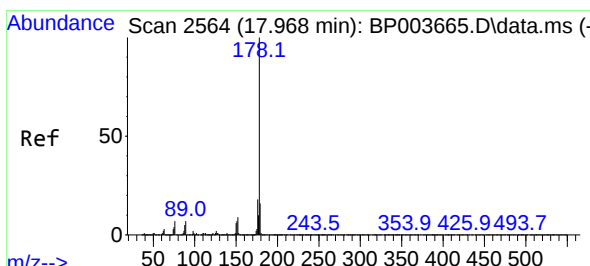
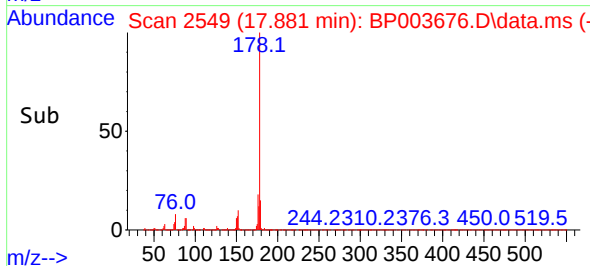
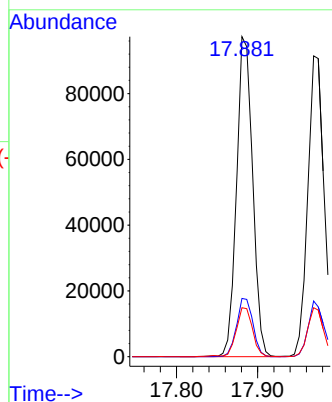
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:178 Resp: 133500
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.3 12.5 18.7

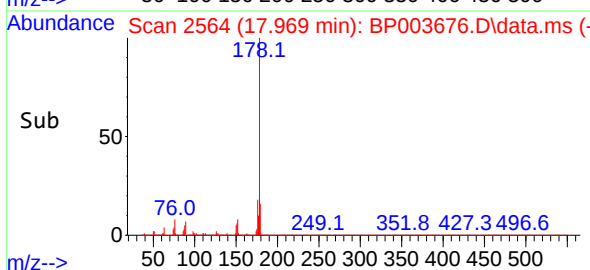
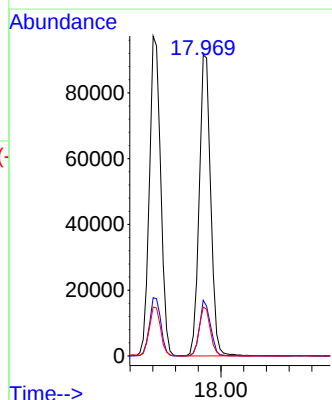
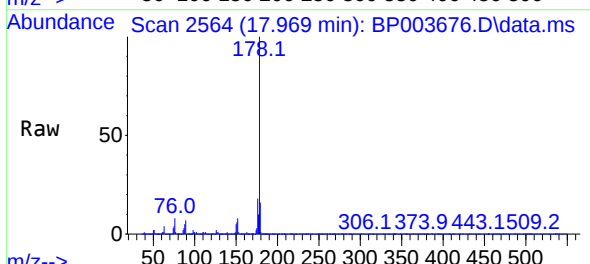
Manual Integrations
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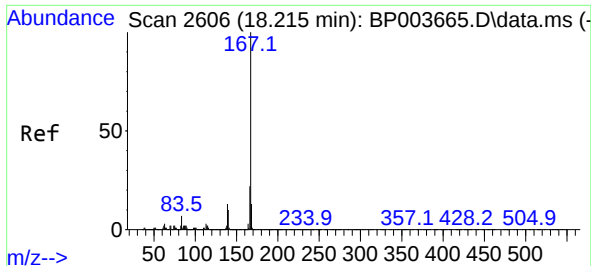
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#72
Anthracene
Concen: 3.70 ng
RT: 17.969 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

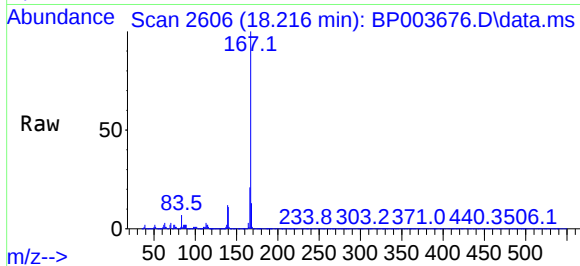
Tgt Ion:178 Resp: 128481
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.3 12.5 18.7





#73
 Carbazole
 Concen: 3.51 ng
 RT: 18.216 min Scan# 2606
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

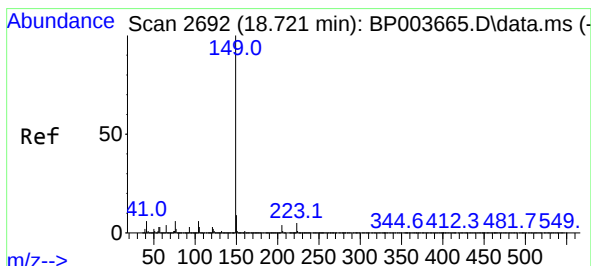
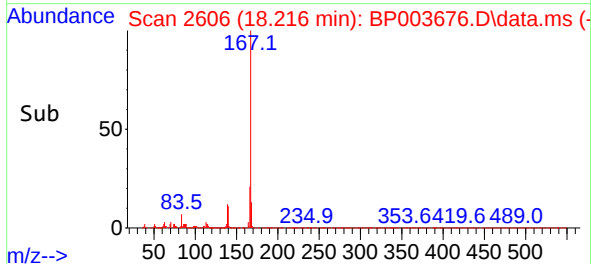
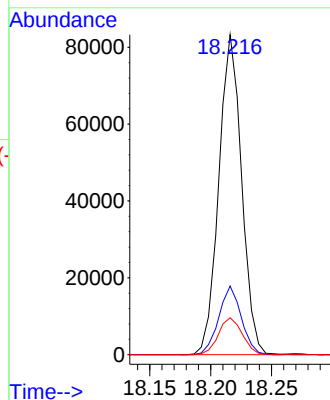


Tgt Ion:167 Resp: 108325

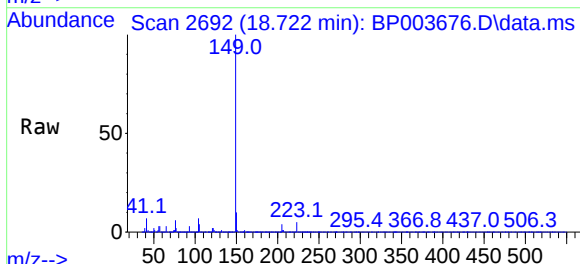
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	11.6	10.2	15.4

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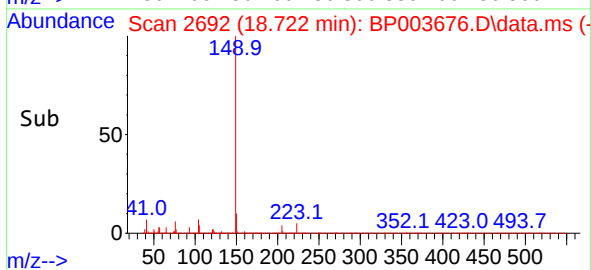
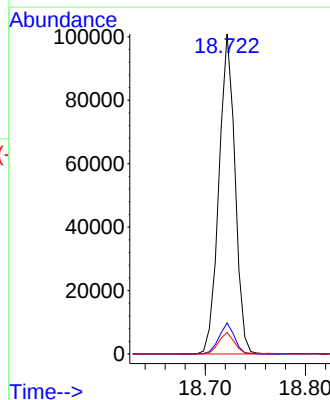


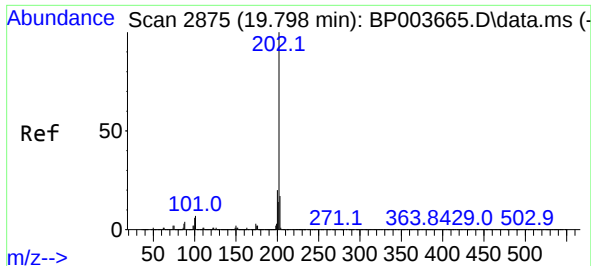
#74
 Di-n-butylphthalate
 Concen: 2.97 ng
 RT: 18.722 min Scan# 2692
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19



Tgt Ion:149 Resp: 111952

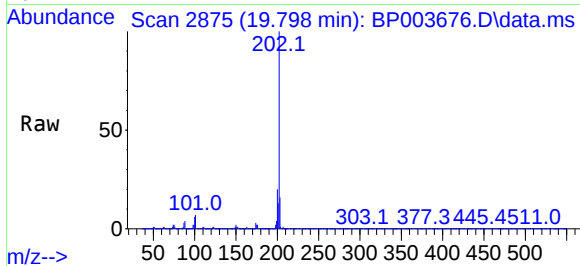
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	6.8	3.4	5.0





#75
Fluoranthene
Concen: 3.50 ng
RT: 19.798 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

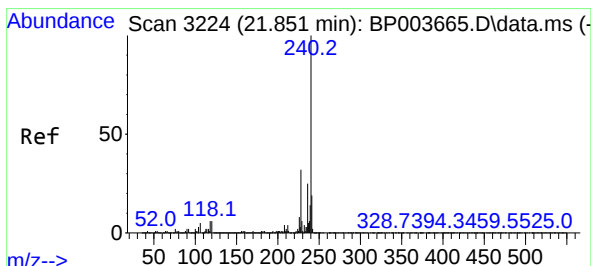
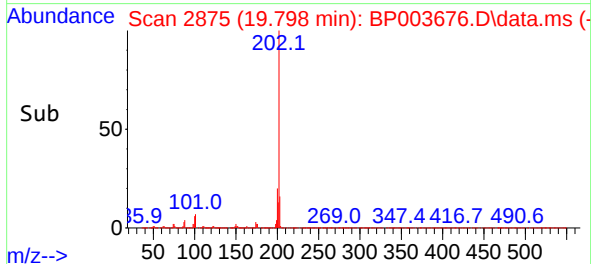
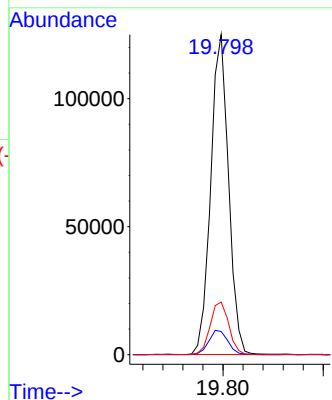
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:	202	Resp:	154433
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	29.4
203	16.4	0.0	37.8

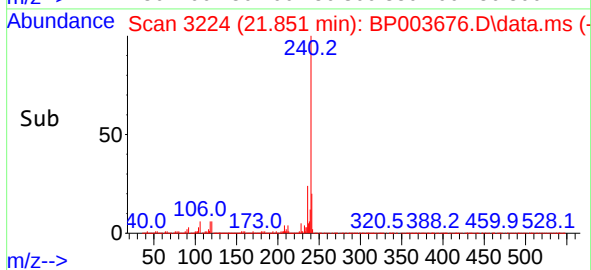
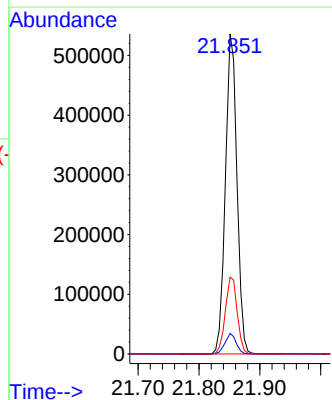
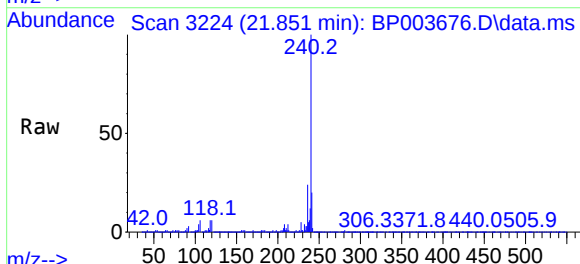
Manual Integrations
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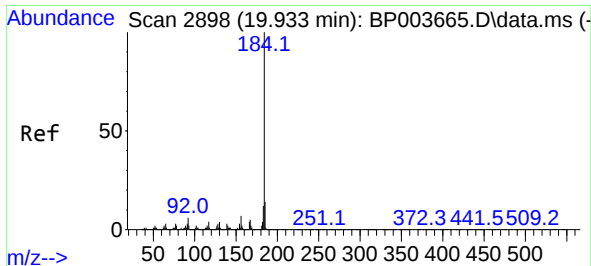
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	240	Resp:	706244
Ion Ratio	Lower	Upper	
240	100		
120	6.4	7.8	11.6#
236	24.0	20.8	31.2





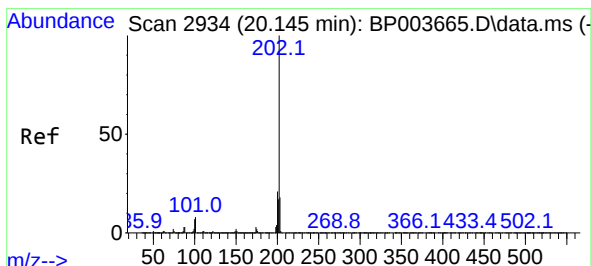
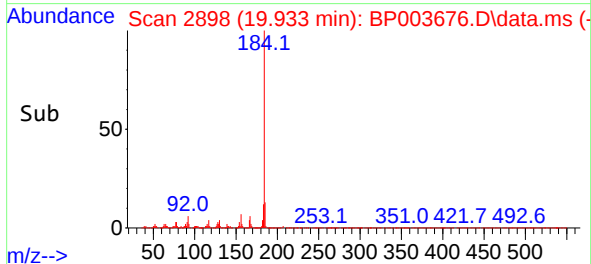
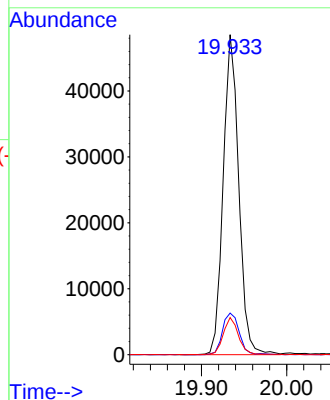
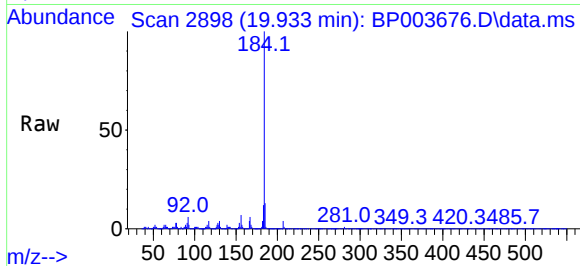
#77
Benzidine
Concen: 3.63 ng
RT: 19.933 min Scan# 2898
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	184	Resp:	61423
Ion Ratio	Lower	Upper	
184	100		
185	13.0	11.5	17.3
183	11.6	9.6	14.4

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

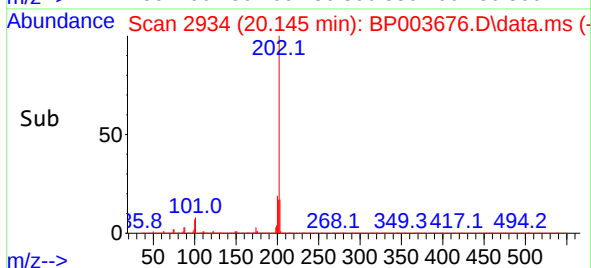
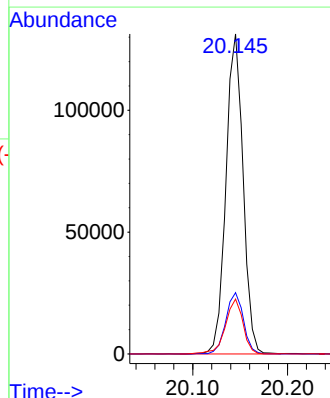
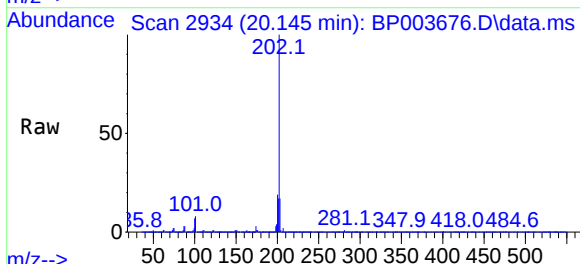
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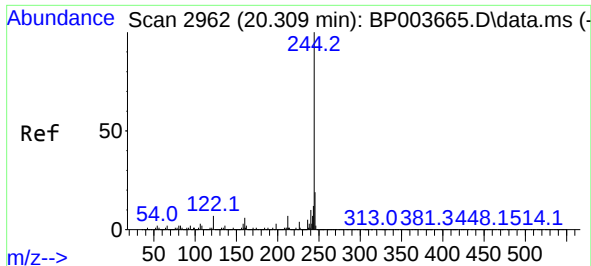
mohammad
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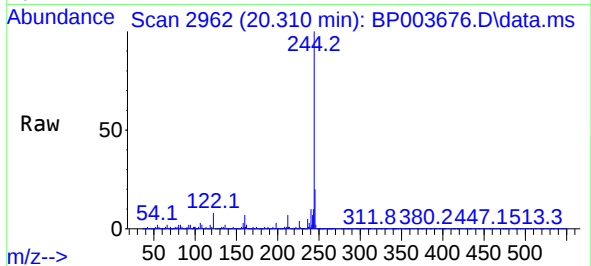
#78
Pyrene
Concen: 3.48 ng
RT: 20.145 min Scan# 2934
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	202	Resp:	164664
Ion Ratio	Lower	Upper	
202	100		
200	19.2	17.1	25.7
203	17.2	14.2	21.2

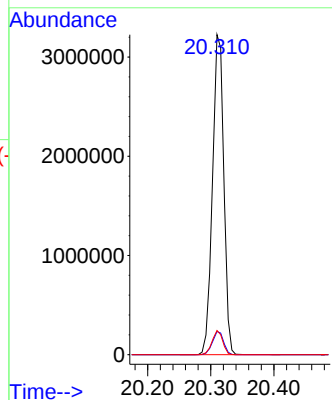




#79
Terphenyl-d14
Concen: 99.74 ng
RT: 20.310 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



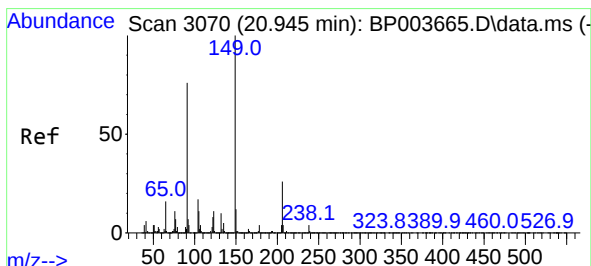
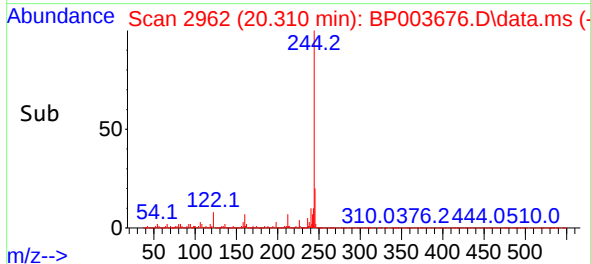
Tgt Ion:244 Resp: 4005136
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.5 7.8 11.8#



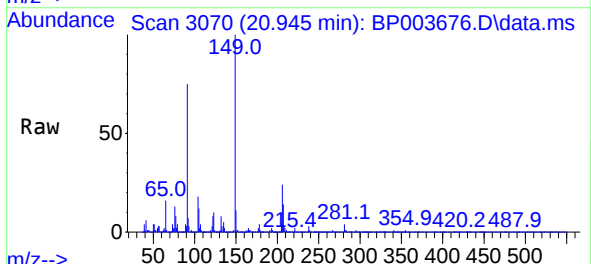
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

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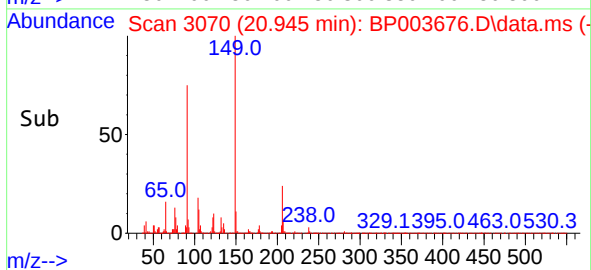
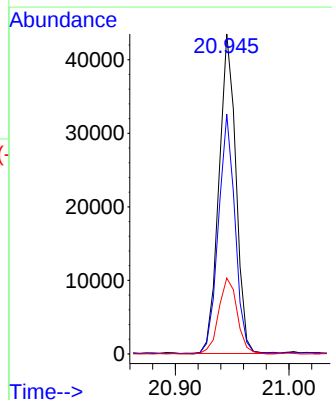
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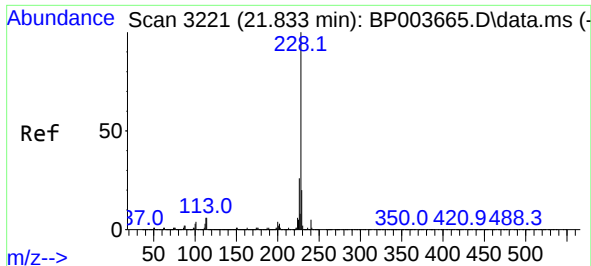


#80
Butylbenzylphthalate
Concen: 2.61 ng
RT: 20.945 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

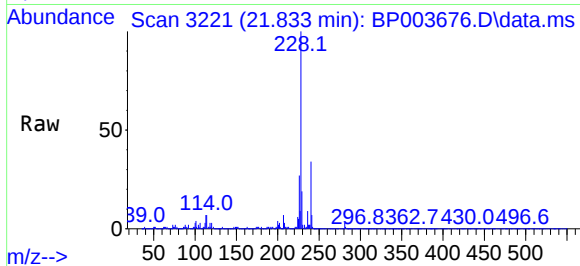


Tgt Ion:149 Resp: 45276
Ion Ratio Lower Upper
149 100
91 74.9 45.4 68.0#
206 23.7 17.1 25.7

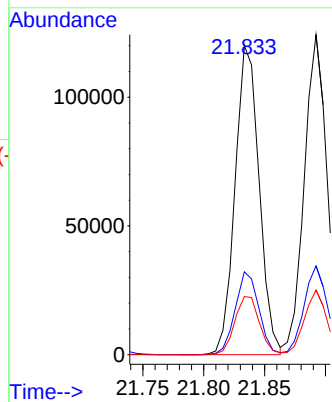




#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 21.833 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



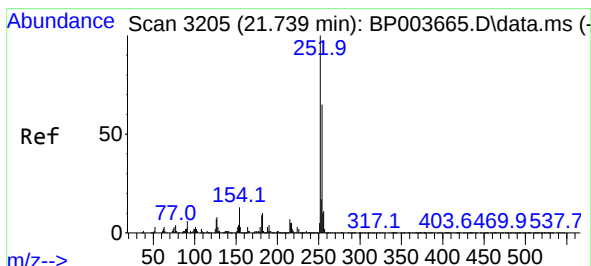
Tgt Ion:	228	Resp:	164863
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.1	33.1
229	18.8	15.9	23.9



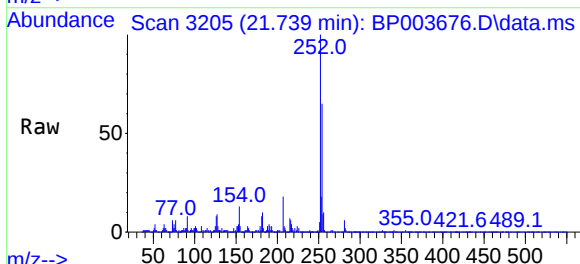
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

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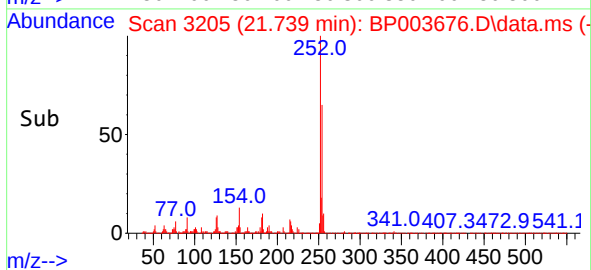
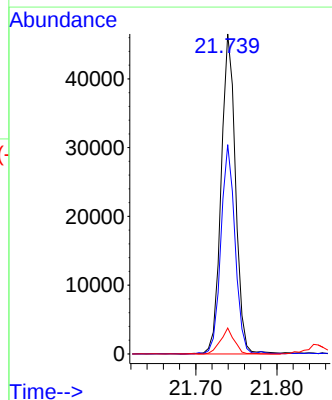
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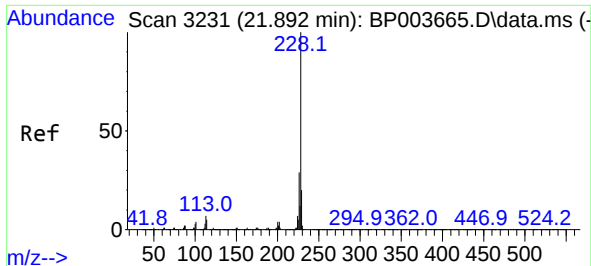


#82
3,3'-Dichlorobenzidine
Concen: 3.48 ng
RT: 21.739 min Scan# 3205
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:	252	Resp:	57394
Ion Ratio	Lower	Upper	
252	100		
254	65.4	51.0	76.4
126	8.1	7.9	11.9





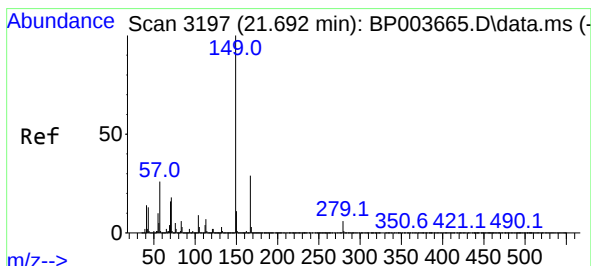
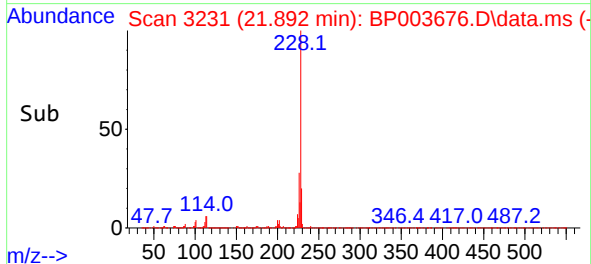
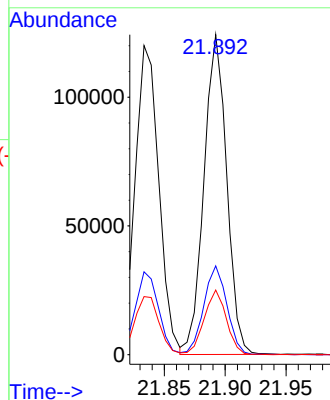
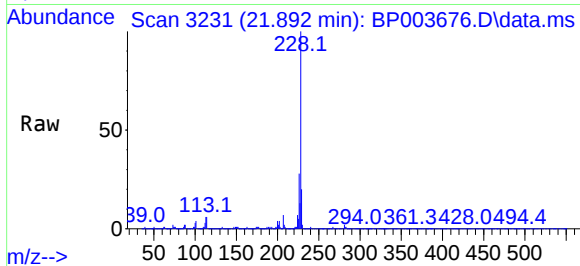
#83
Chrysene
Concen: 3.62 ng
RT: 21.892 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	228	Resp:	161634
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.4	36.6
229	20.2	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

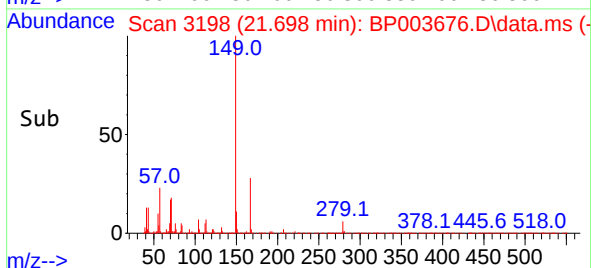
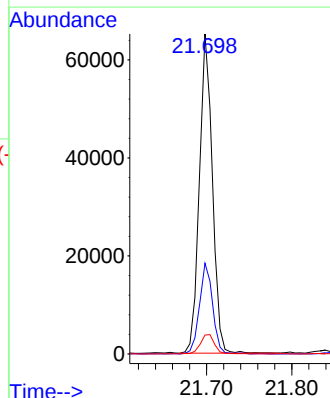
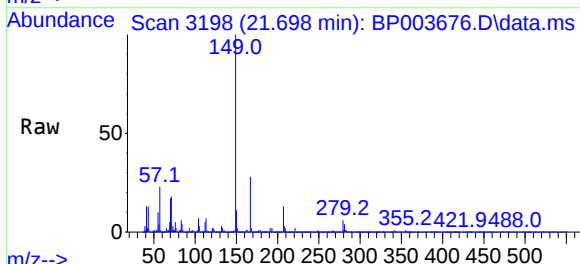
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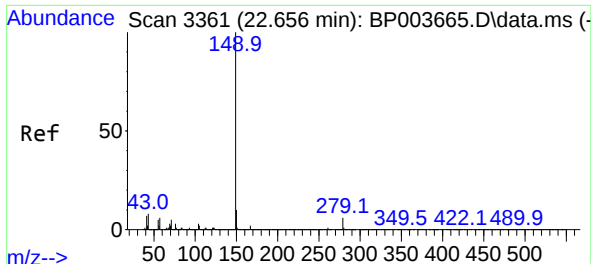
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

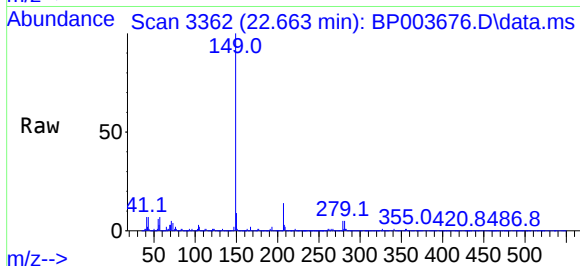
Tgt Ion:	149	Resp:	69065
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.6	34.0
279	5.9	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 2.77 ng
RT: 22.663 min Scan# 3362
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

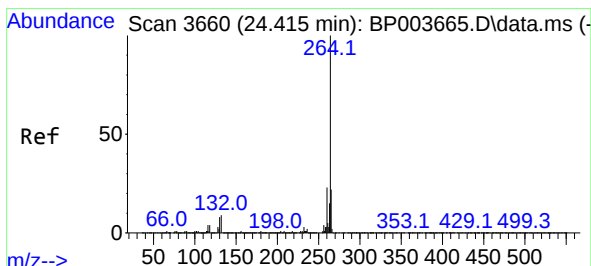
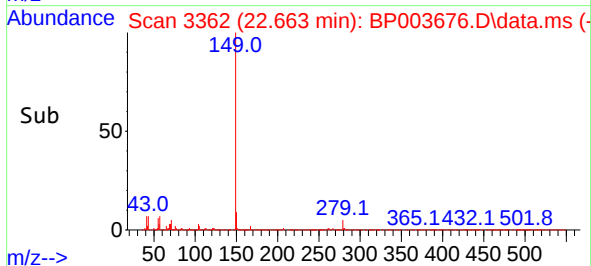
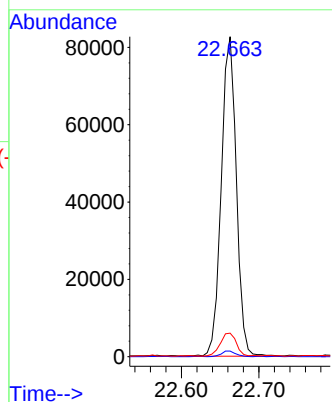
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:149 Resp: 111701
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.8 3.7 5.5#

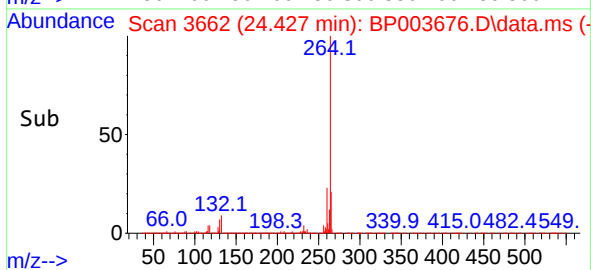
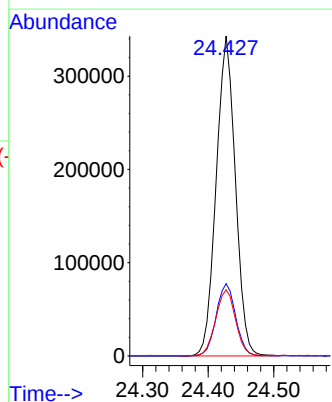
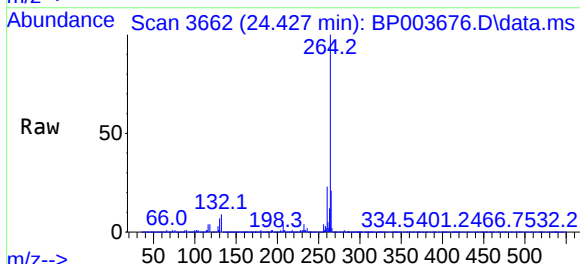
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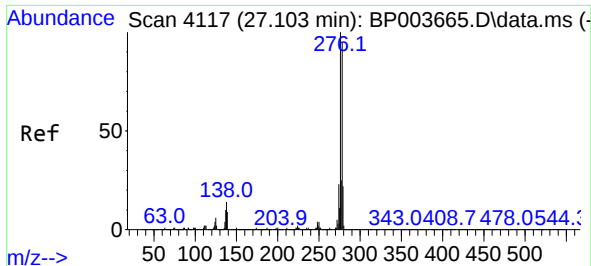
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. 0.012 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

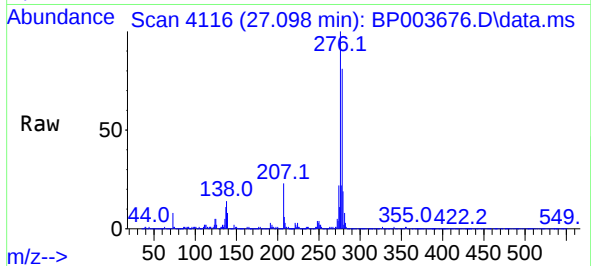
Tgt Ion:264 Resp: 695224
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 20.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.24 ng
 RT: 27.098 min Scan# 4116
 Delta R.T. -0.005 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

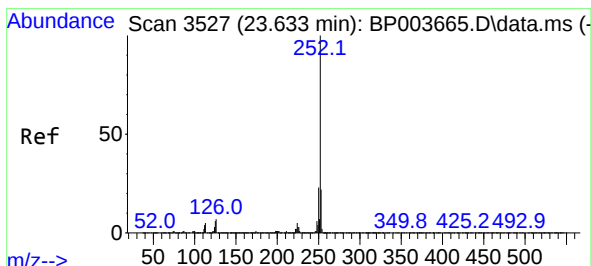
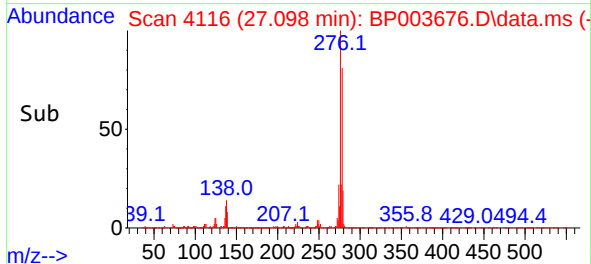
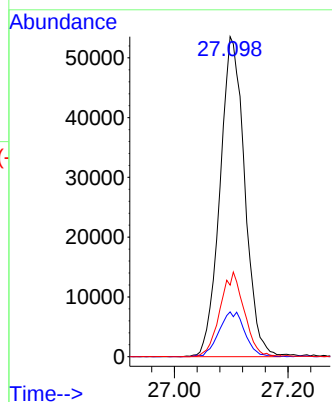
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020



Tgt Ion: 276 Resp: 161519
 Ion Ratio Lower Upper
 276 100
 138 14.8 18.7 28.1#
 277 25.9 20.4 30.6

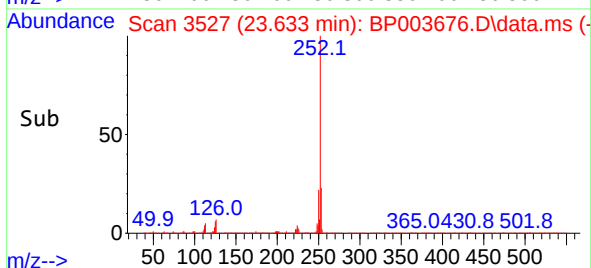
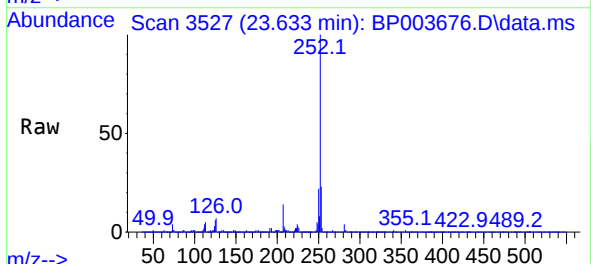
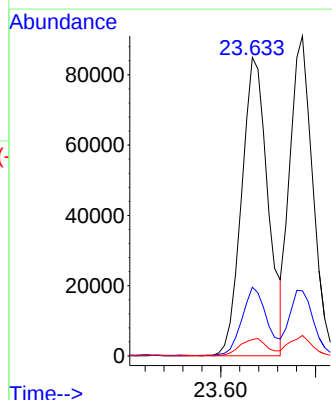
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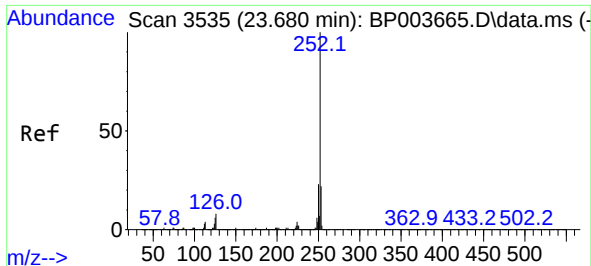
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 3.39 ng
 RT: 23.633 min Scan# 3527
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

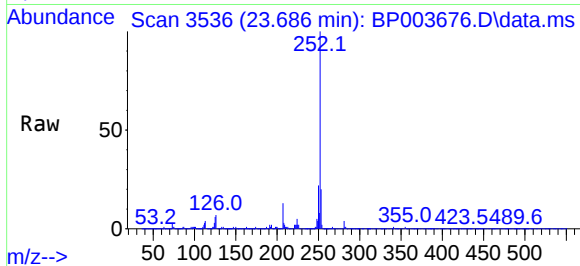
Tgt Ion: 252 Resp: 164477
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 5.5 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 3.29 ng
RT: 23.686 min Scan# 3536
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

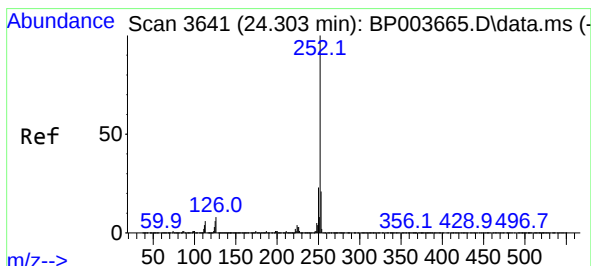
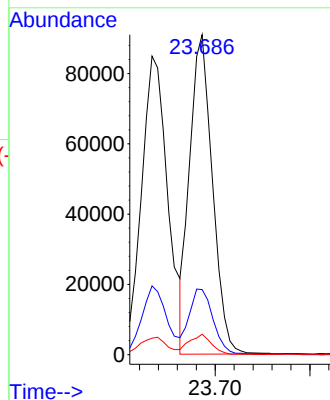
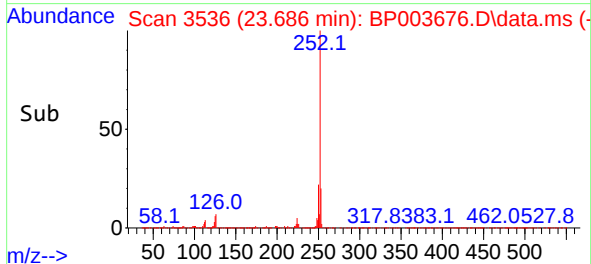
Instrument :
BNA_P
ClientSampleId :
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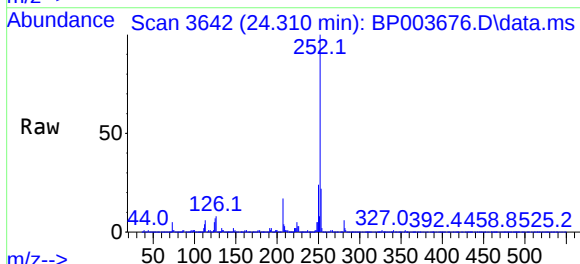
Tgt Ion:252 Resp: 152209
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 6.4 7.4 11.2#

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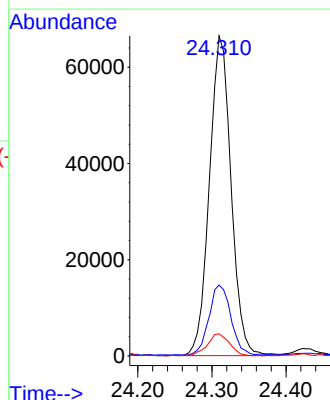
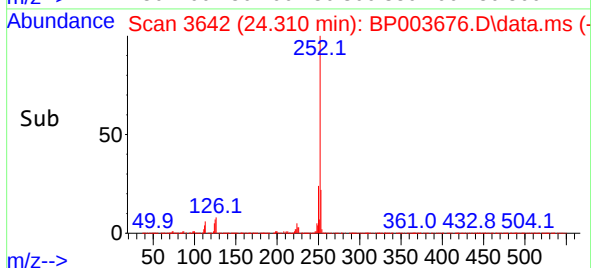
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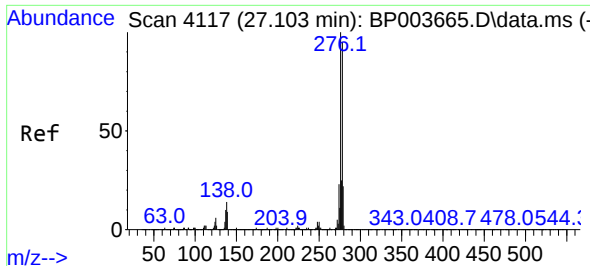


#90
Benzo(a)pyrene
Concen: 3.12 ng
RT: 24.310 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



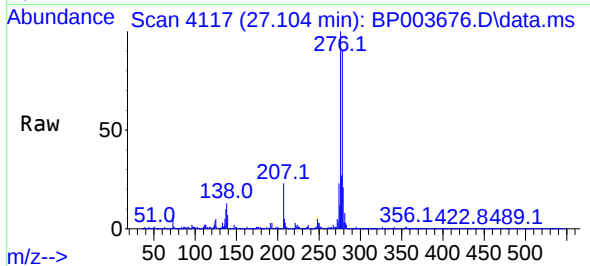
Tgt Ion:252 Resp: 135094
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 6.9 8.2 12.4#





#91
Dibenzo(a,h)anthracene
Concen: 3.26 ng
RT: 27.104 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

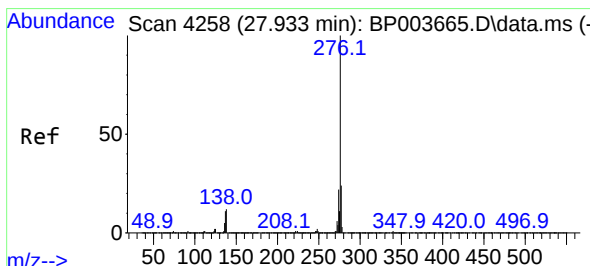
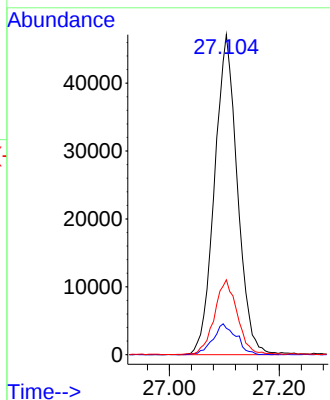
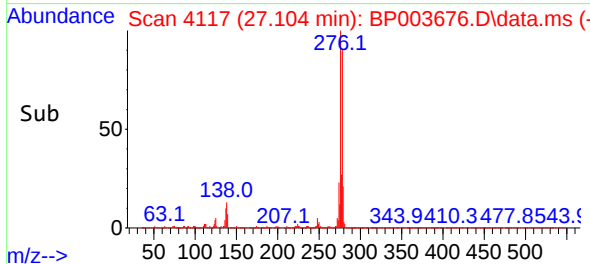
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



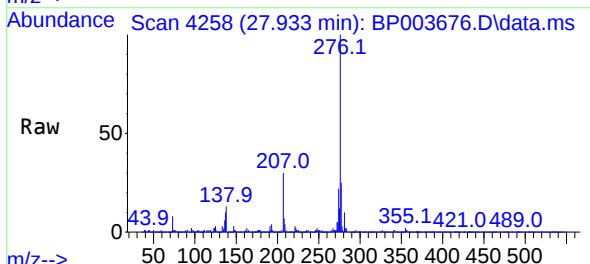
Tgt Ion:278 Resp: 135839
Ion Ratio Lower Upper
278 100
139 8.3 12.4 18.6#
279 23.4 19.0 28.6

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#92
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 27.933 min Scan# 4258
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion:276 Resp: 132236
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 12.9 16.6 24.8#

