

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009504.D
 Acq On : 23 Mar 2022 13:16
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 23 13:47:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 13:46:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	328130	20.000	ng	-0.01
21) Naphthalene-d8	10.581	136	1202840	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	750557	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1616236	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1798398	20.000	ng	0.00
86) Perylene-d12	23.715	264	1978280	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2171588	115.547	ng	-0.01
7) Phenol-d6	6.975	99	2904220	114.267	ng	-0.02
23) Nitrobenzene-d5	8.946	82	1941570	85.777	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	1245201	100.537	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4489907	82.929	ng	0.00
79) Terphenyl-d14	19.780	244	7467933	74.534	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	29891	4.015	ng	97
3) Pyridine	3.734	79	60242	3.005	ng	# 91
4) n-Nitrosodimethylamine	3.640	42	28186	3.817	ng	# 79
6) Aniline	7.122	93	113902	3.932	ng	98
8) 2-Chlorophenol	7.358	128	78556	3.666	ng	91
9) Benzaldehyde	6.940	77	72679	5.395	ng	99
10) Phenol	7.005	94	92280	3.619	ng	82
11) bis(2-Chloroethyl)ether	7.222	93	73667	3.651	ng	97
12) 1,3-Dichlorobenzene	7.681	146	88212	3.647	ng	97
13) 1,4-Dichlorobenzene	7.822	146	89331	3.612	ng	98
14) 1,2-Dichlorobenzene	8.140	146	86067	3.601	ng	99
15) Benzyl Alcohol	8.052	79	33281	1.642	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.322	45	84349	3.856	ng	89
17) 2-Methylphenol	8.252	107	56689	3.226	ng	98
18) Hexachloroethane	8.863	117	30135	3.477	ng	96
19) n-Nitroso-di-n-propyla...	8.599	70	51072	3.177	ng	96
20) 3+4-Methylphenols	8.599	107	73282	3.033	ng	# 71
22) Acetophenone	8.616	105	108611	3.648	ng	# 94
24) Nitrobenzene	8.987	77	87078	4.072	ng	98
25) Isophorone	9.516	82	143112	3.707	ng	99
26) 2-Nitrophenol	9.716	139	33671	3.021	ng	94
27) 2,4-Dimethylphenol	9.787	122	60578	3.852	ng	94
28) bis(2-Chloroethoxy)met...	10.010	93	87877	3.496	ng	98
29) 2,4-Dichlorophenol	10.287	162	60047	3.130	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	80278	3.612	ng	93
31) Naphthalene	10.634	128	231566	3.737	ng	100
32) Benzoic acid	10.028	122	6395	0.520	ng	# 78
33) 4-Chloroaniline	10.769	127	87087	3.445	ng	99
34) Hexachlorobutadiene	10.922	225	49686	3.299	ng	97
35) Caprolactam	11.546	113	19211	2.967	ng	93
36) 4-Chloro-3-methylphenol	11.910	107	65047	3.155	ng	99
37) 2-Methylnaphthalene	12.257	142	155032	3.566	ng	99
38) 1-Methylnaphthalene	12.475	142	150325	3.550	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	89665	3.601	ng	97
41) Hexachlorocyclopentadiene	12.604	237	7308	0.833	ng	90
43) 2,4,6-Trichlorophenol	12.881	196	48808	2.957	ng	99

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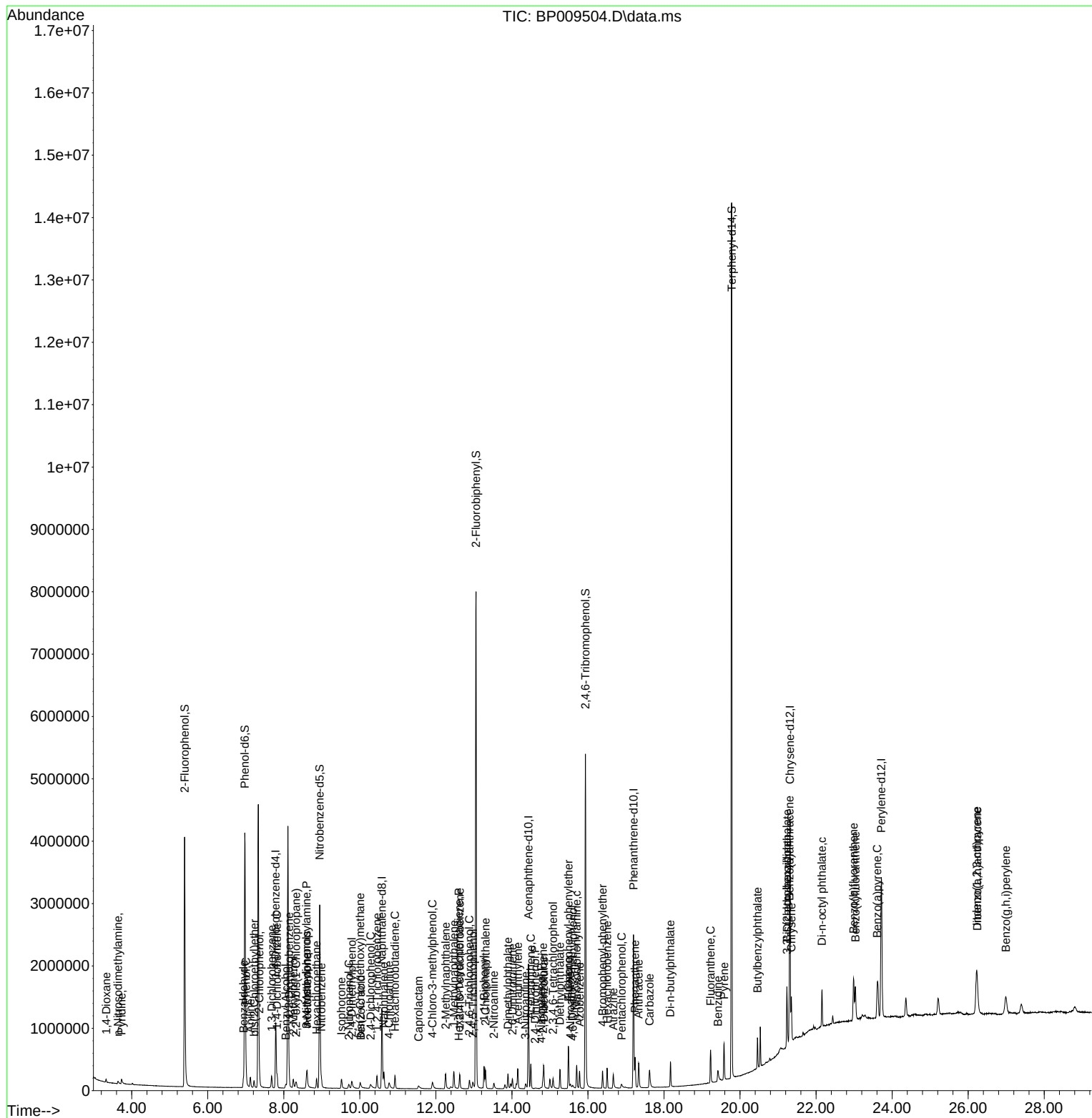
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	51486	2.872	ng	95
46) 1,1'-Biphenyl	13.269	154	217401	3.883	ng	98
47) 2-Chloronaphthalene	13.304	162	161596	3.666	ng	100
48) 2-Nitroaniline	13.528	65	36567	3.046	ng	96
49) Acenaphthylene	14.157	152	259318	3.811	ng	99
50) Dimethylphthalate	13.898	163	195913	3.445	ng	99
51) 2,6-Dinitrotoluene	14.016	165	38180	3.204	ng	97
52) Acenaphthene	14.498	154	150634	3.706	ng	98
53) 3-Nitroaniline	14.357	138	38438	3.054	ng #	96
54) 2,4-Dinitrophenol	14.610	184	2042	0.312	ng #	84
55) Dibenzofuran	14.839	168	249920	3.659	ng	100
56) 4-Nitrophenol	14.775	139	7477	0.797	ng	94
57) 2,4-Dinitrotoluene	14.816	165	45318	2.766	ng #	88
58) Fluorene	15.486	166	194976	3.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	47670	2.934	ng	95
60) Diethylphthalate	15.263	149	199506	3.505	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	101608	3.434	ng	97
62) 4-Nitroaniline	15.539	138	23243	1.758	ng	98
63) Azobenzene	15.781	77	169326	3.420	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	15546	1.496	ng	92
66) n-Nitrosodiphenylamine	15.704	169	170999	3.575	ng	97
67) 4-Bromophenyl-phenylether	16.386	248	63134	3.192	ng	94
68) Hexachlorobenzene	16.504	284	76033	3.340	ng	97
69) Atrazine	16.669	200	59113	3.515	ng	97
70) Pentachlorophenol	16.886	266	24026	1.975	ng	93
71) Phenanthrene	17.239	178	323535	3.740	ng	99
72) Anthracene	17.333	178	316823	3.709	ng	99
73) Carbazole	17.622	167	293927	3.518	ng	100
74) Di-n-butylphthalate	18.169	149	339435	3.467	ng	99
75) Fluoranthene	19.227	202	396403	3.785	ng	98
77) Benzidine	19.422	184	200991	4.560	ng	97
78) Pyrene	19.580	202	414002	3.493	ng	100
80) Butylbenzylphthalate	20.457	149	168805	3.351	ng	99
81) Benzo(a)anthracene	21.298	228	440319	3.727	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	169899	3.722	ng	98
83) Chrysene	21.351	228	409260	3.658	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	269948	3.845	ng	100
85) Di-n-octyl phthalate	22.157	149	466060	3.851	ng	99
87) Indeno(1,2,3-cd)pyrene	26.227	276	533479	3.554	ng	96
88) Benzo(b)fluoranthene	22.986	252	447668	3.791	ng	100
89) Benzo(k)fluoranthene	23.033	252	452396	3.912	ng	98
90) Benzo(a)pyrene	23.610	252	446943	4.423	ng	99
91) Dibenzo(a,h)anthracene	26.239	278	468895	3.749	ng	100
92) Benzo(g,h,i)perylene	26.992	276	462663	3.760	ng	97

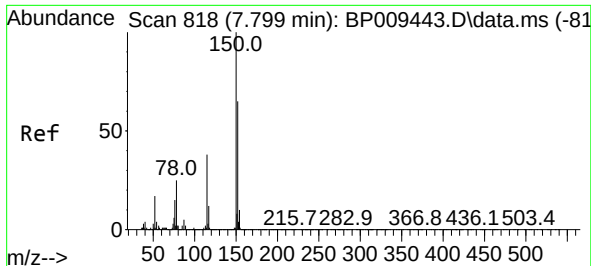
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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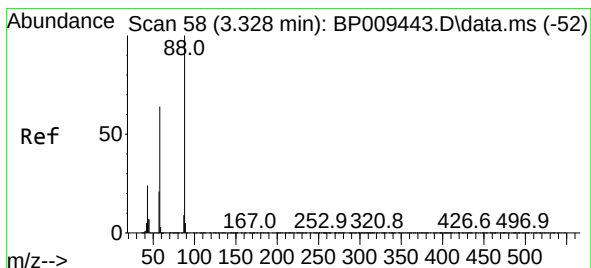
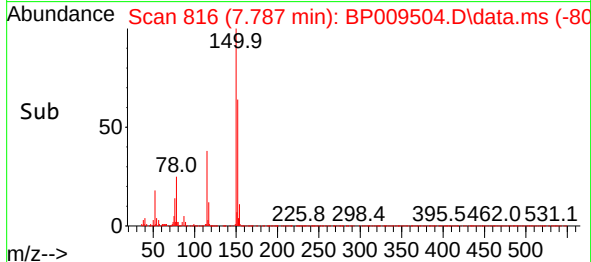
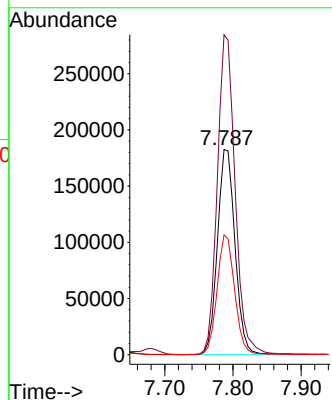
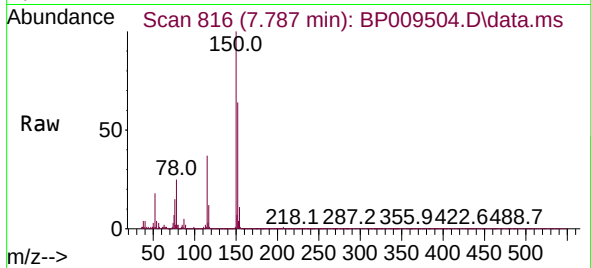




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

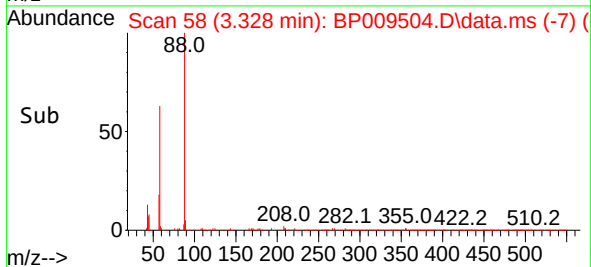
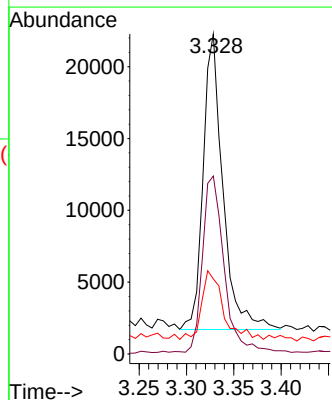
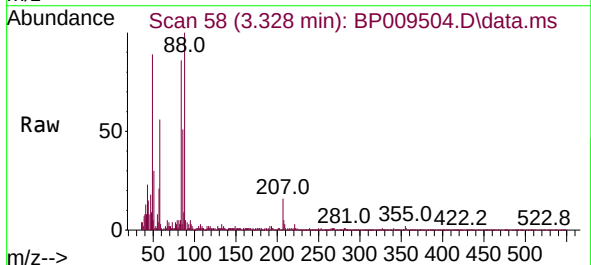
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

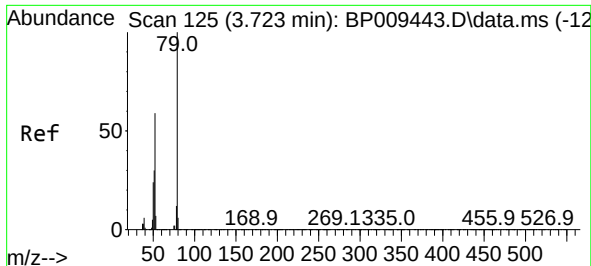
Tgt Ion:152 Resp: 328130
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 58.4 48.2 72.4



#2
1,4-Dioxane
Concen: 4.015 ng
RT: 3.328 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 88 Resp: 29891
Ion Ratio Lower Upper
88 100
58 64.8 54.2 81.2
43 25.0 20.4 30.6





#3

Pyridine

Concen: 3.005 ng

RT: 3.734 min Scan# 110

Delta R.T. 0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

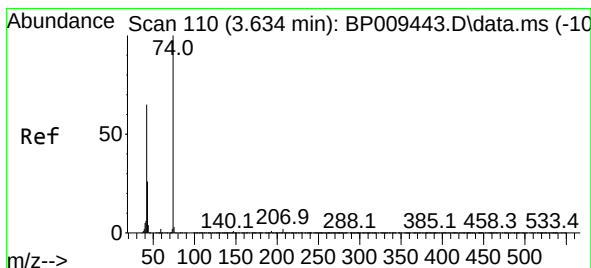
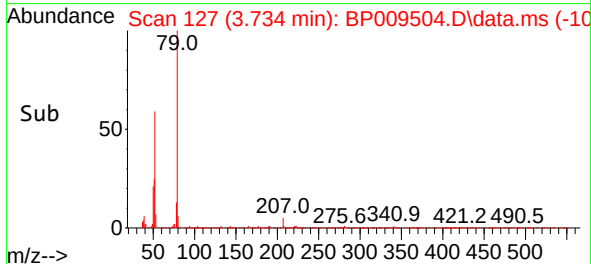
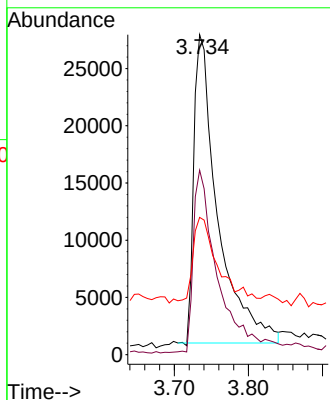
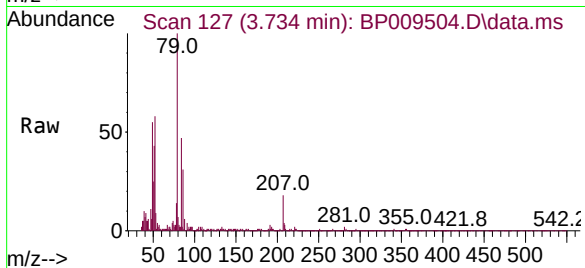
Tgt Ion: 79 Resp: 60242

Ion Ratio Lower Upper

79 100

52 57.6 47.5 71.3

51 42.9 24.1 36.1#



#4

n-Nitrosodimethylamine

Concen: 3.817 ng

RT: 3.640 min Scan# 111

Delta R.T. 0.006 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

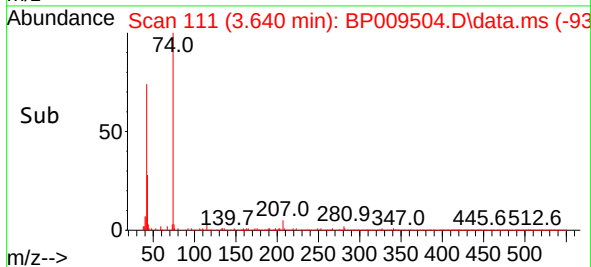
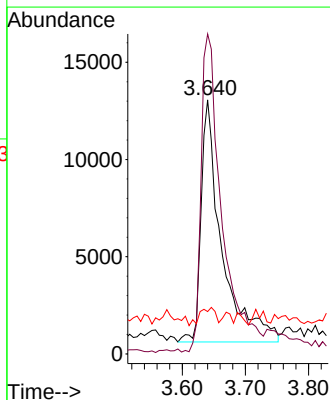
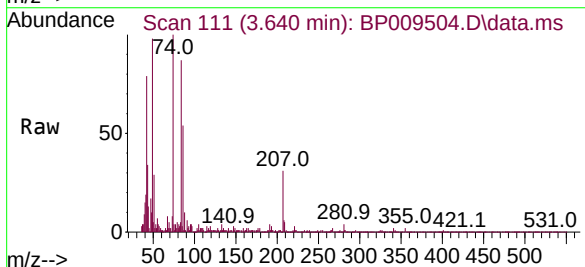
Tgt Ion: 42 Resp: 28186

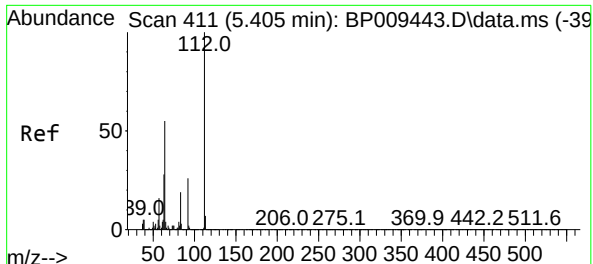
Ion Ratio Lower Upper

42 100

74 125.9 122.1 183.1

44 16.7 5.8 8.8#

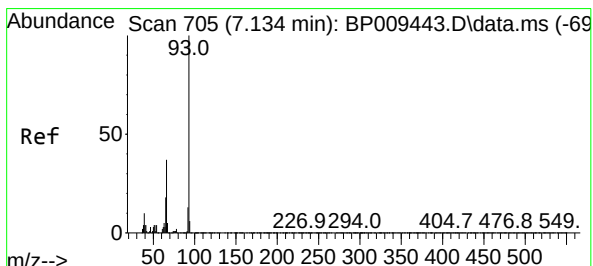
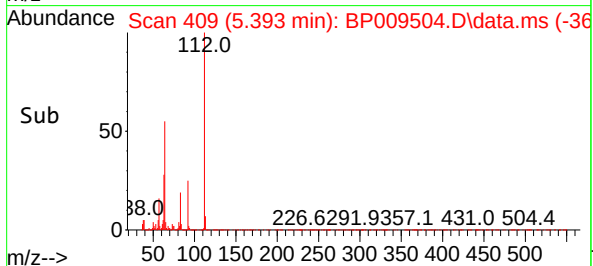
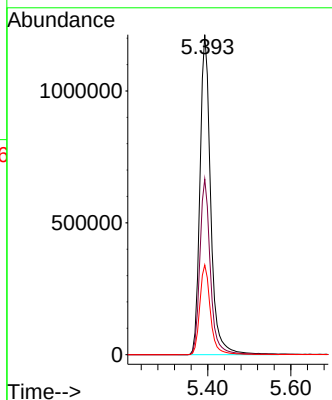
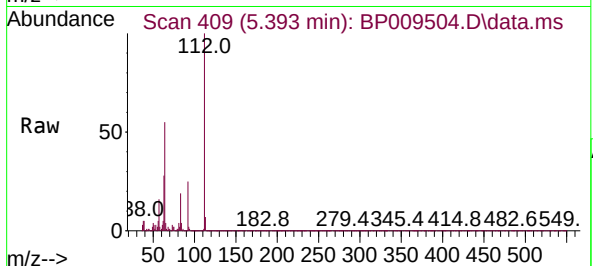




#5
2-Fluorophenol
Concen: 115.547 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

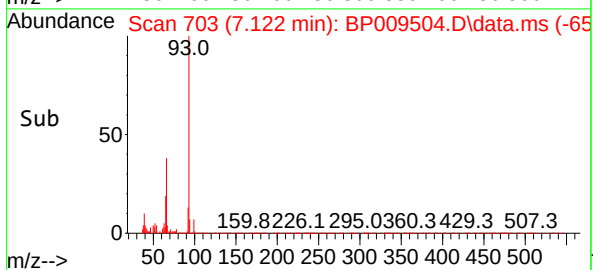
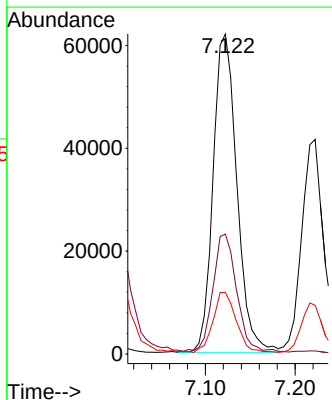
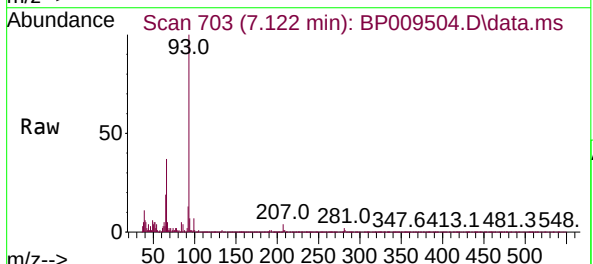
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

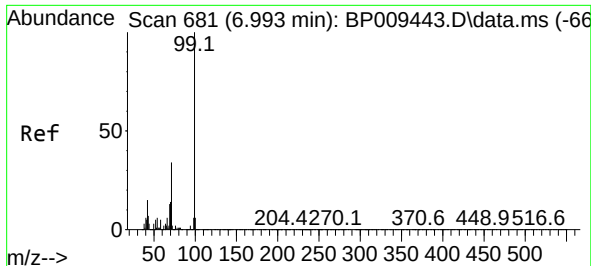
Tgt Ion:112 Resp: 2171588
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.1 23.0 34.6



#6
Aniline
Concen: 3.932 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 93 Resp: 113902
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 19.2 15.8 23.8





#7

Phenol-d6

Concen: 114.267 ng

RT: 6.975 min Scan# 61

Delta R.T. -0.018 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

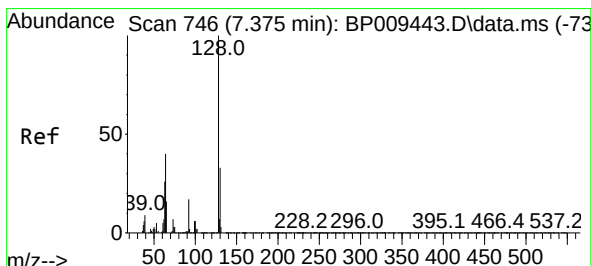
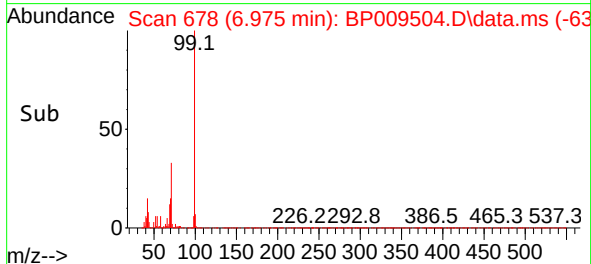
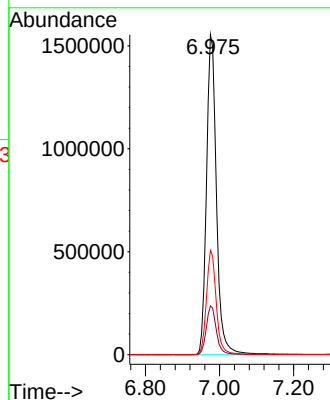
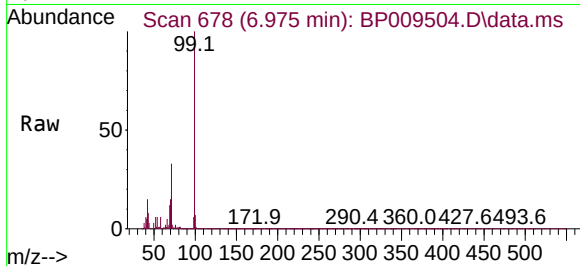
BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 99 Resp: 2904220

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	32.6	26.3	39.5



#8

2-Chlorophenol

Concen: 3.666 ng

RT: 7.358 min Scan# 743

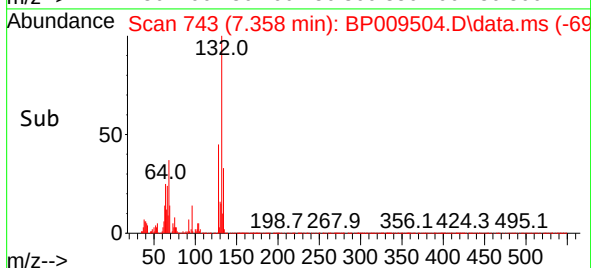
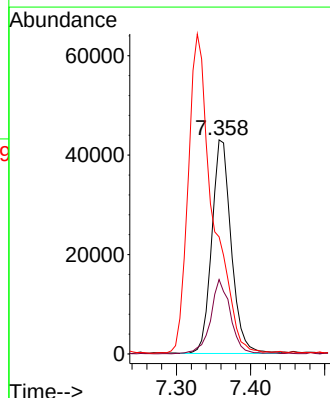
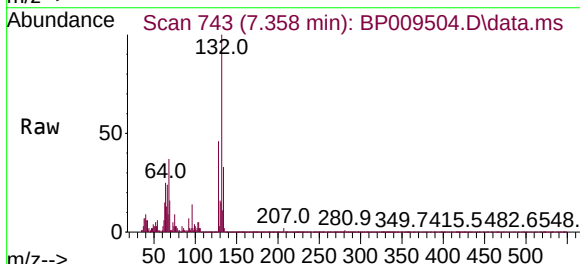
Delta R.T. -0.018 min

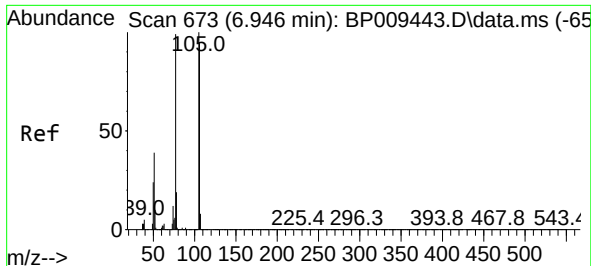
Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Tgt Ion:128 Resp: 78556

Ion	Ratio	Lower	Upper
128	100		
130	34.8	12.5	52.5
64	54.7	26.2	66.2

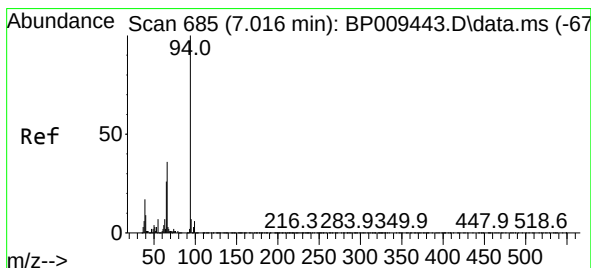
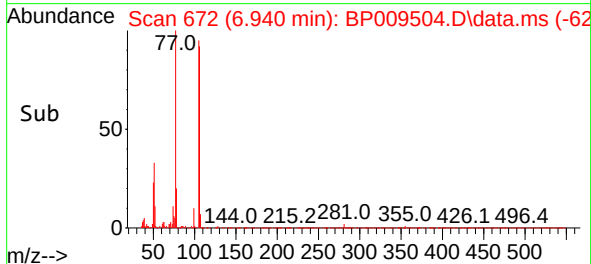
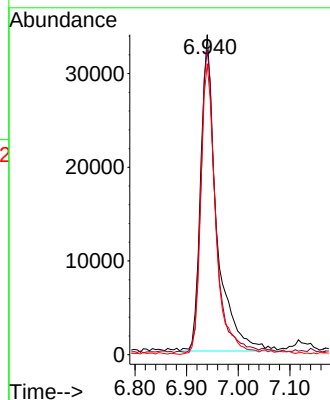
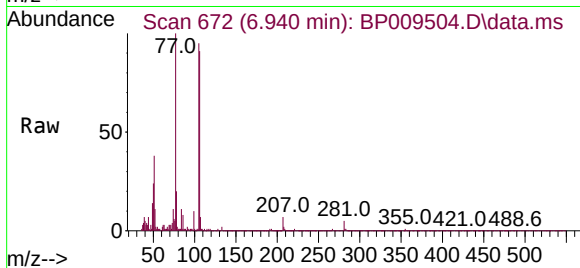




#9
Benzaldehyde
Concen: 5.395 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
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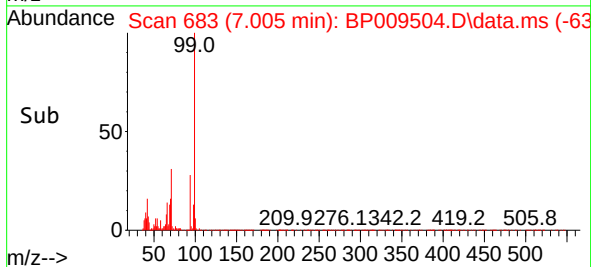
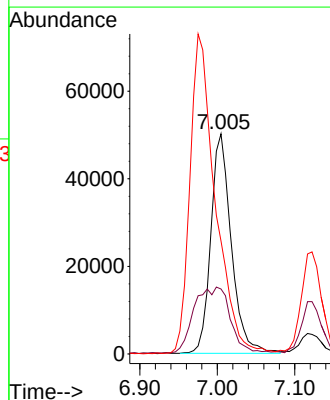
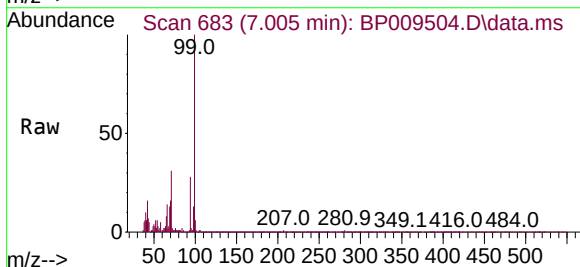
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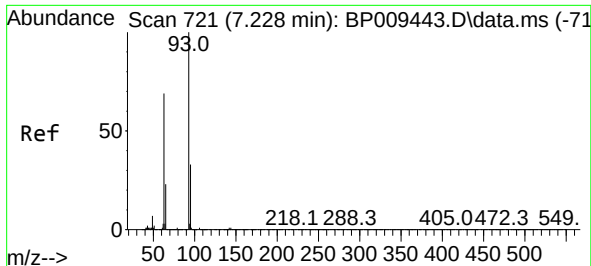
Tgt Ion: 77 Resp: 72679
Ion Ratio Lower Upper
77 100
105 95.1 75.2 115.2
106 90.9 72.3 112.3



#10
Phenol
Concen: 3.619 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 94 Resp: 92280
Ion Ratio Lower Upper
94 100
65 29.5 7.2 47.2
66 51.3 14.3 54.3

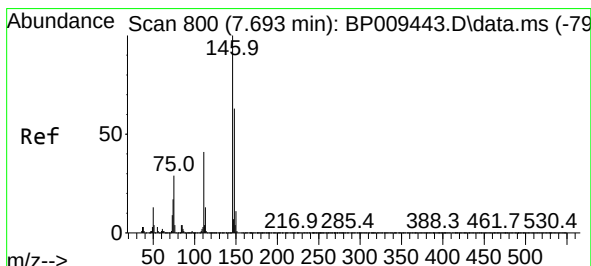
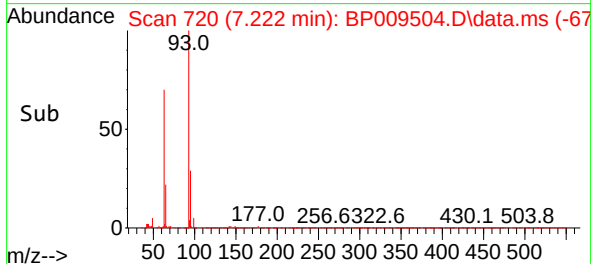
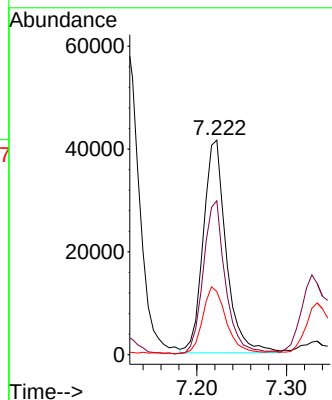
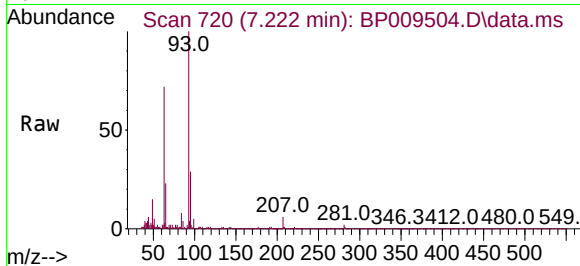




#11
bis(2-Chloroethyl)ether
Concen: 3.651 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

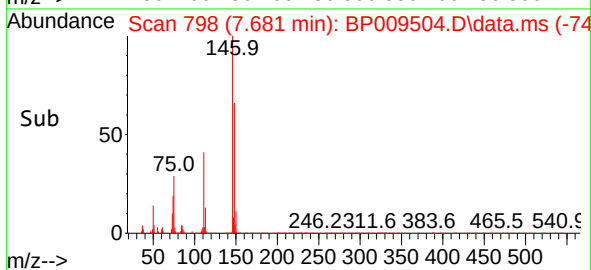
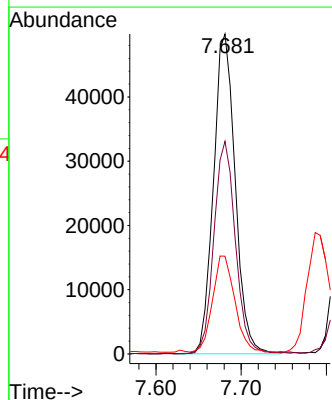
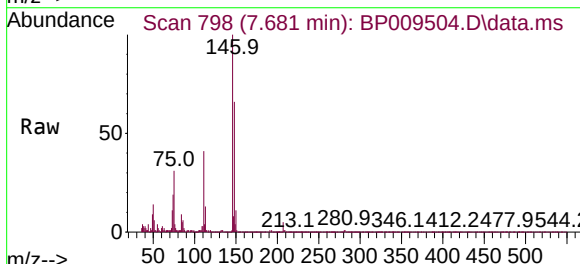
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

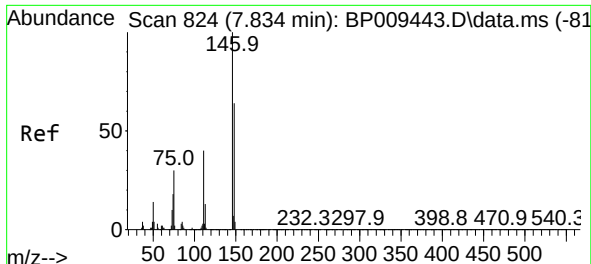
Tgt Ion: 93 Resp: 73667
Ion Ratio Lower Upper
93 100
63 71.7 53.5 93.5
95 29.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 3.647 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:146 Resp: 88212
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.0
75 30.6 25.3 37.9

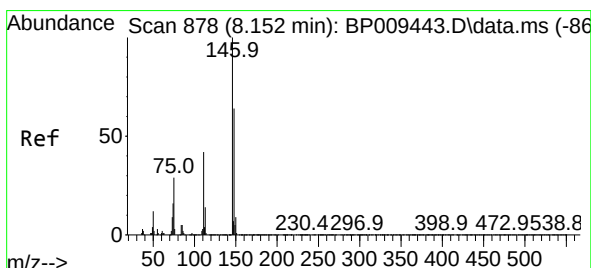
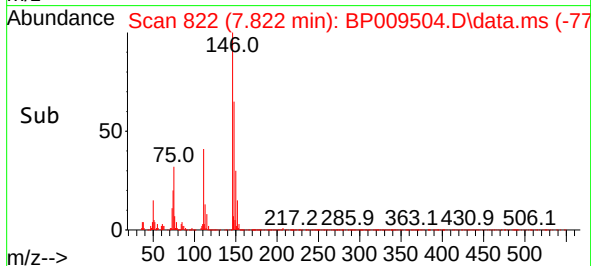
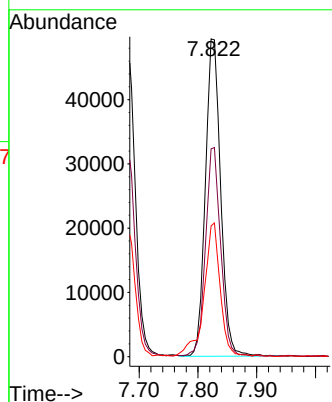
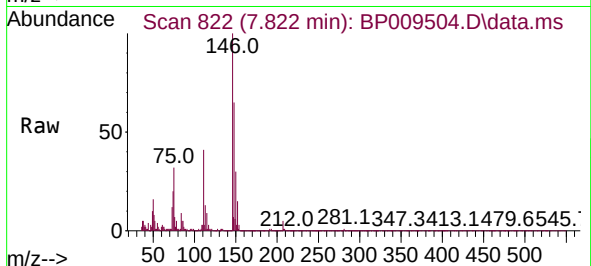




#13
1,4-Dichlorobenzene
Concen: 3.612 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

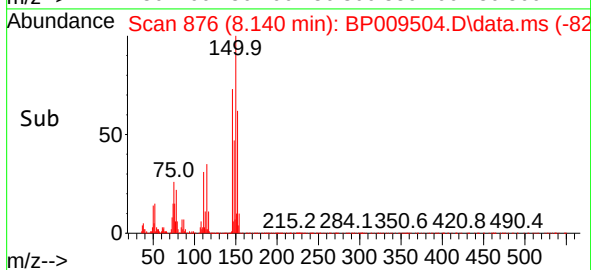
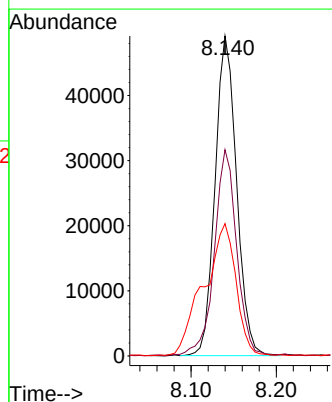
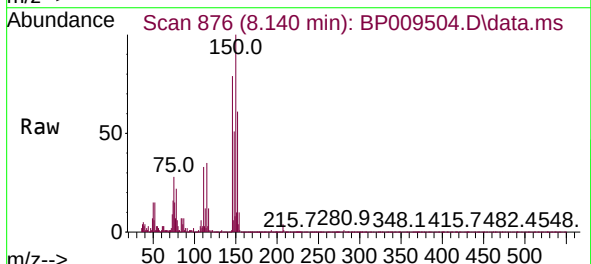
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

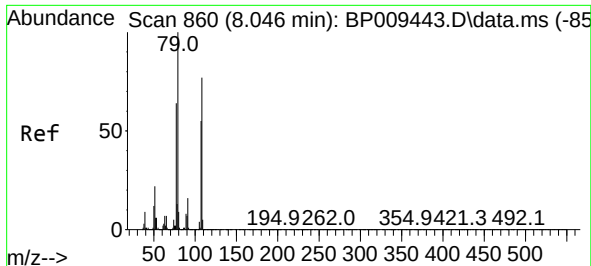
Tgt Ion:146 Resp: 89331
Ion Ratio Lower Upper
146 100
148 65.4 51.1 76.7
111 41.1 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 3.601 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:146 Resp: 86067
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 41.3 34.1 51.1

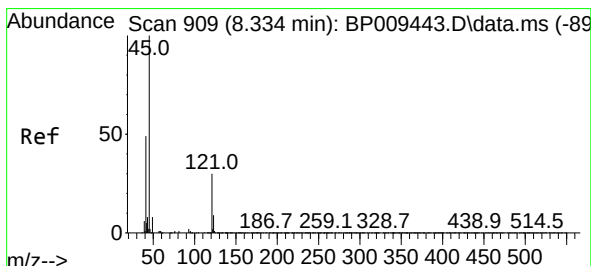
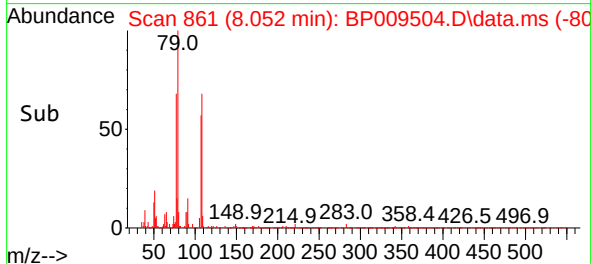
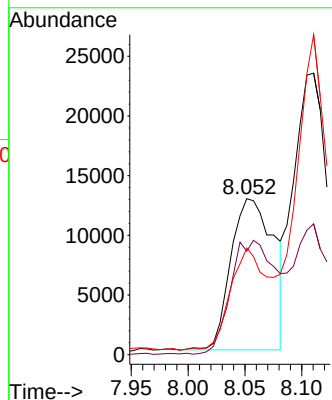
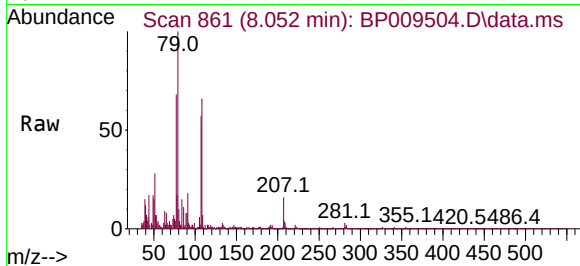




#15
Benzyl Alcohol
Concen: 1.642 ng
RT: 8.052 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

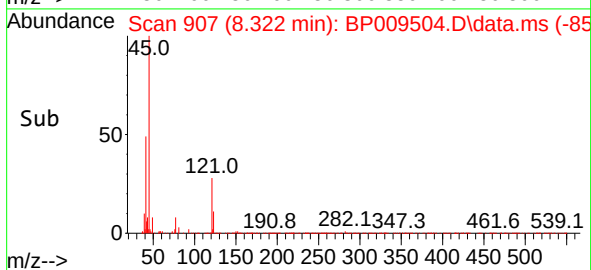
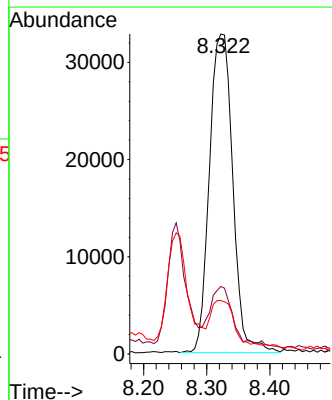
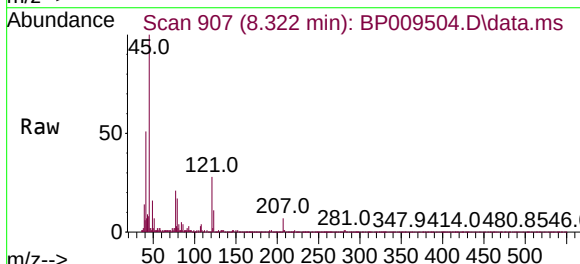
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

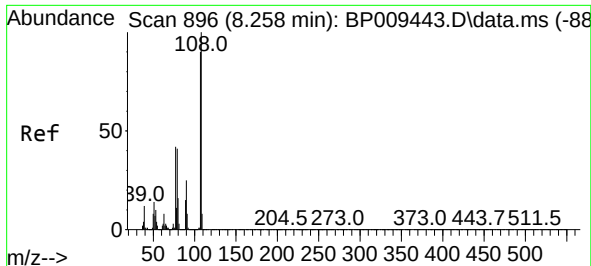
Tgt Ion: 79 Resp: 33281
Ion Ratio Lower Upper
79 100
108 66.4 62.5 93.7
77 68.4 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.856 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 45 Resp: 84349
Ion Ratio Lower Upper
45 100
77 21.1 0.0 36.5
79 16.7 0.0 32.4

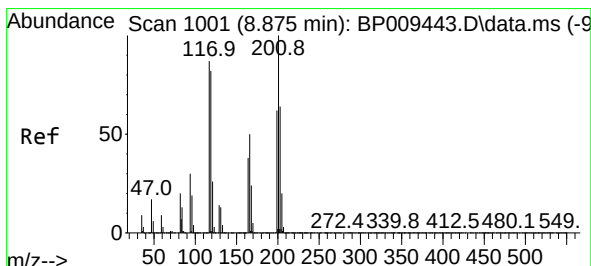
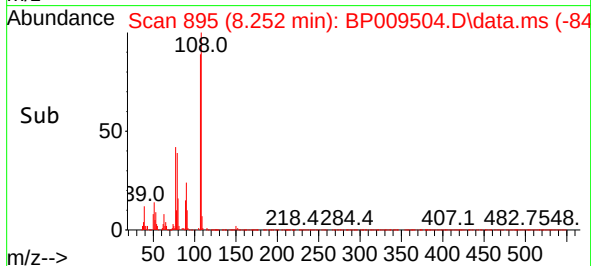
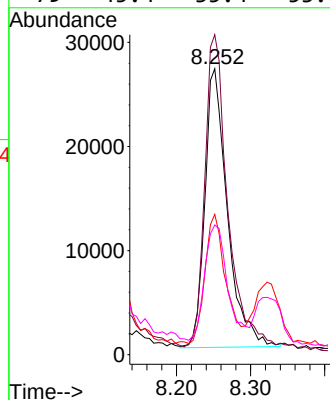
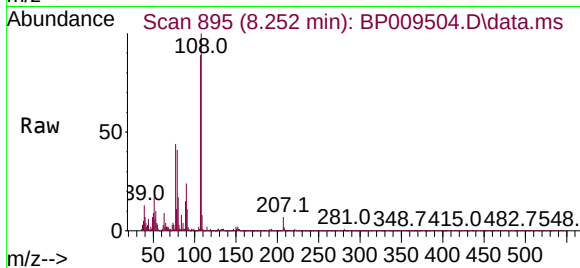




#17
2-Methylphenol
Concen: 3.226 ng
RT: 8.252 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

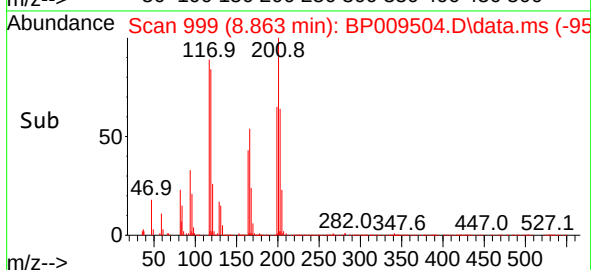
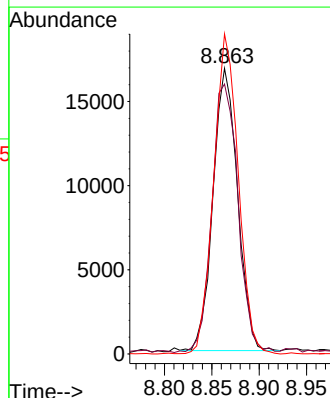
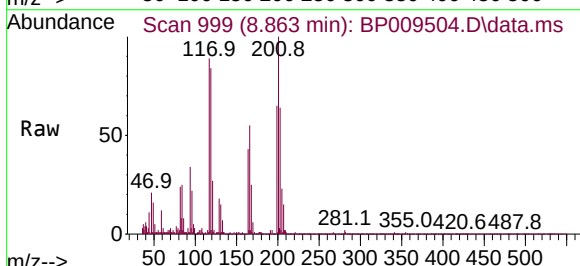
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

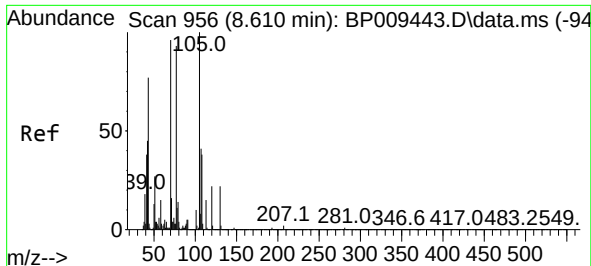
Tgt Ion:	107	Resp:	56689
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.2	135.2
77	49.1	36.3	54.5
79	45.4	35.4	53.0



#18
Hexachloroethane
Concen: 3.477 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:	117	Resp:	30135
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.4	114.6
201	112.0	83.4	125.2

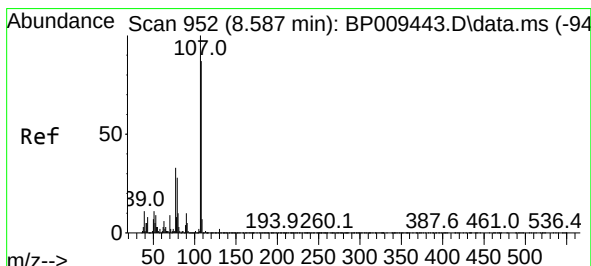
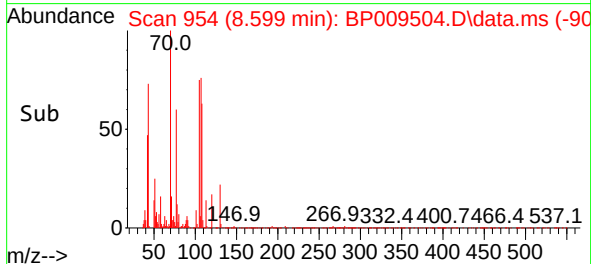
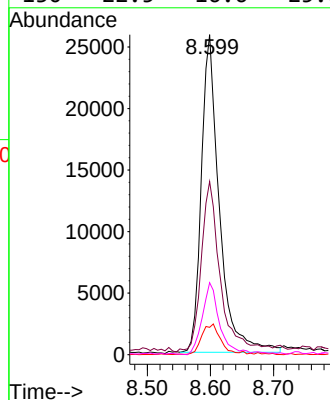
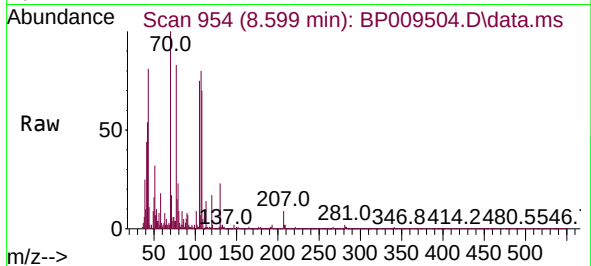




#19
n-Nitroso-di-n-propylamine
Concen: 3.177 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

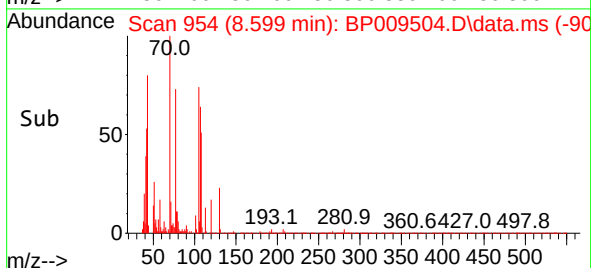
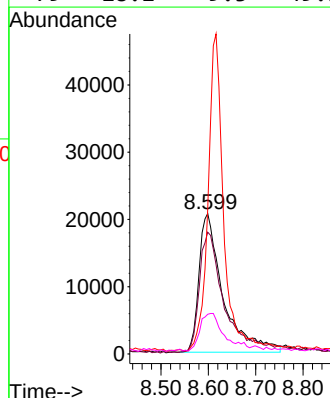
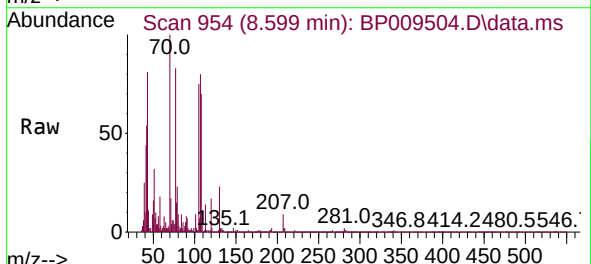
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

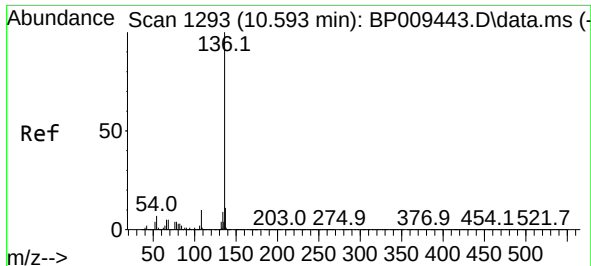
Tgt Ion:	70	Resp:	51072
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.0	61.4
101	8.5	7.9	11.9
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 3.033 ng
RT: 8.599 min Scan# 954
Delta R.T. 0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:	107	Resp:	73282
Ion	Ratio	Lower	Upper
107	100		
108	86.6	69.4	109.4
77	103.1	13.6	53.6#
79	28.2	9.3	49.3

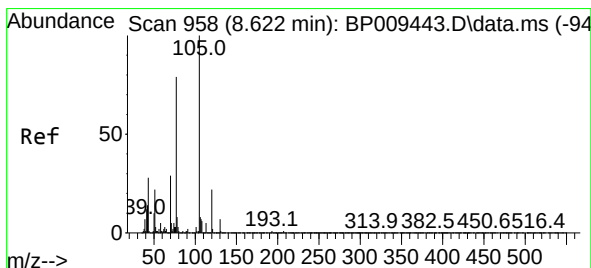
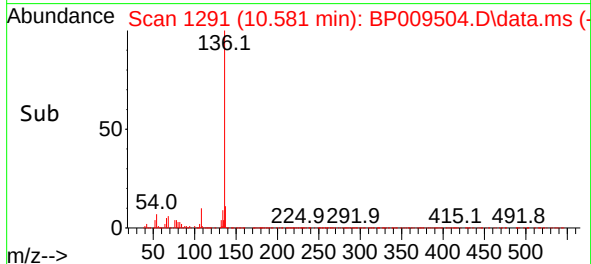
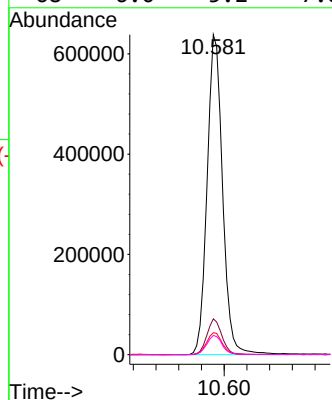
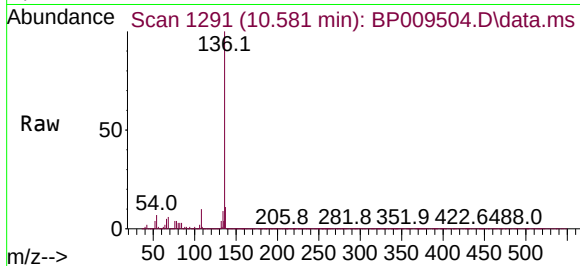




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

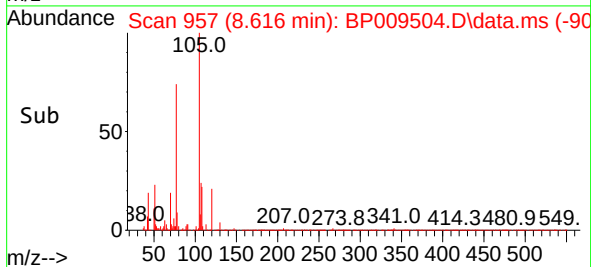
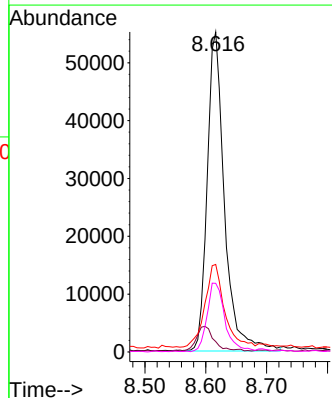
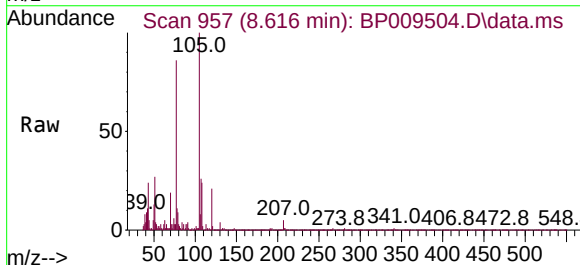
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT1-2022

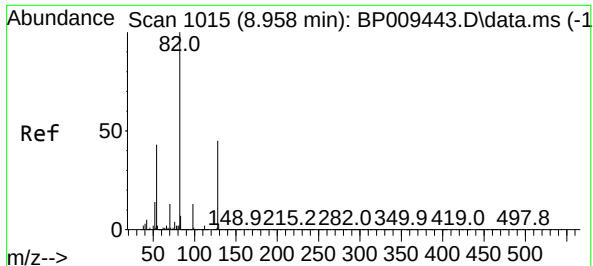
Tgt Ion:136 Resp: 1202840
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8



#22
Acetophenone
Concen: 3.648 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:105 Resp: 108611
Ion Ratio Lower Upper
105 100
71 3.3 5.5 8.3#
51 27.3 18.9 28.3
120 21.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 85.777 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

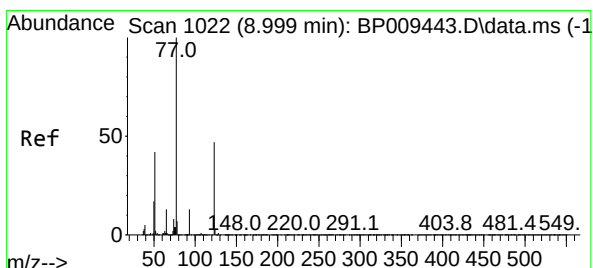
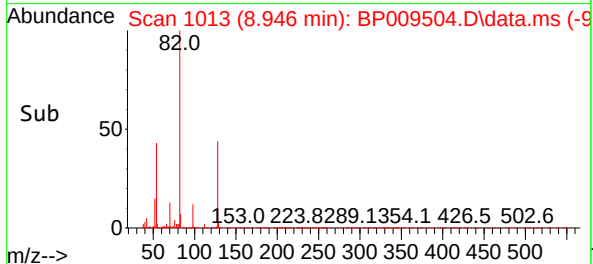
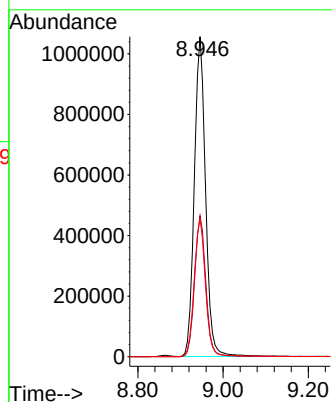
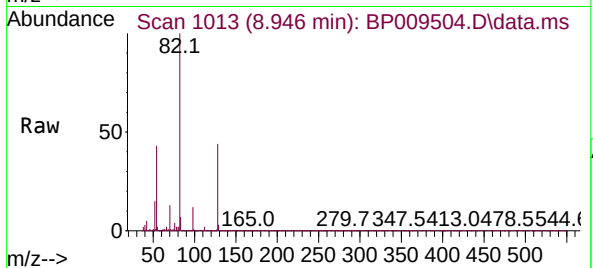
Tgt Ion: 82 Resp: 1941570

Ion Ratio Lower Upper

82 100

128 44.0 34.2 51.4

54 43.2 34.7 52.1



#24

Nitrobenzene

Concen: 4.072 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

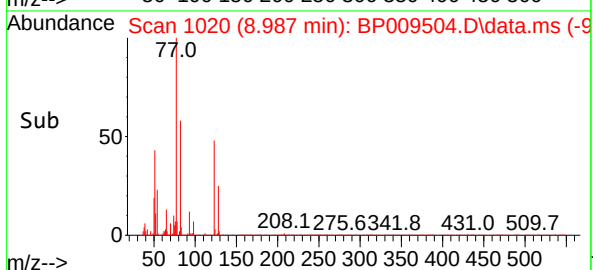
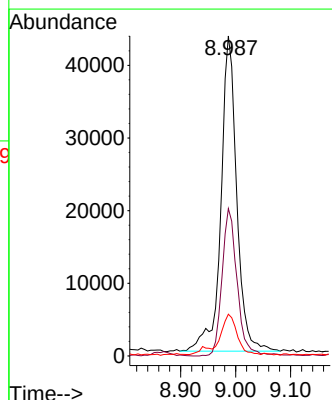
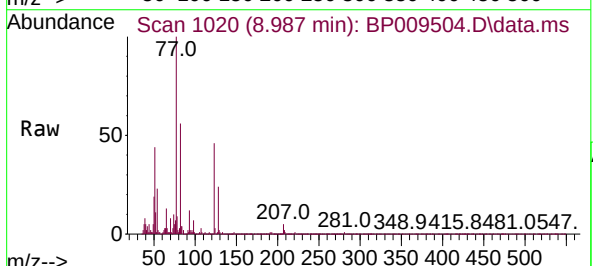
Tgt Ion: 77 Resp: 87078

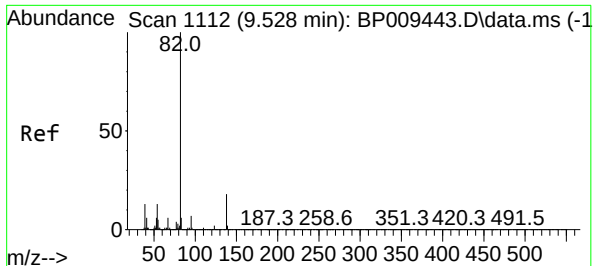
Ion Ratio Lower Upper

77 100

123 46.1 35.5 53.3

65 13.0 10.3 15.5

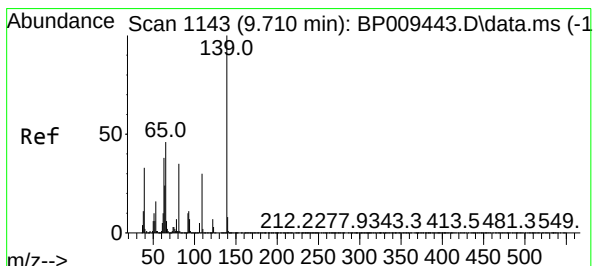
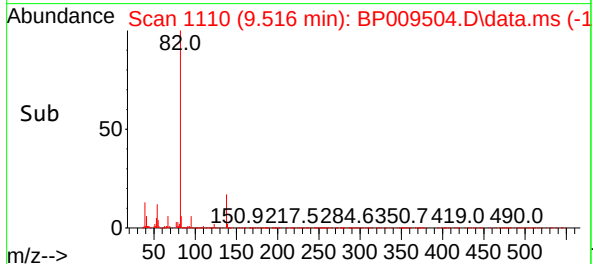
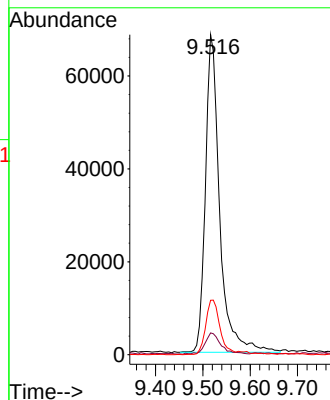
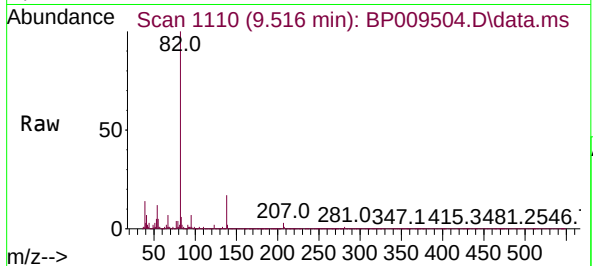




#25
Isophorone
Concen: 3.707 ng
RT: 9.516 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

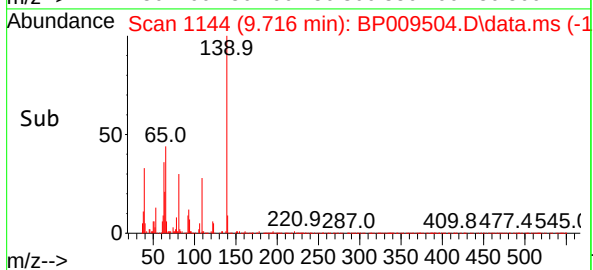
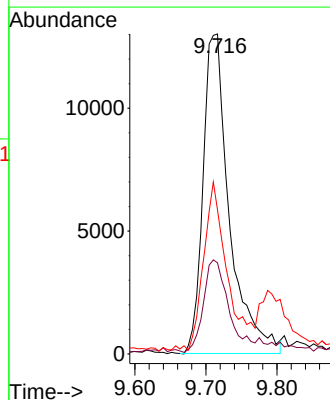
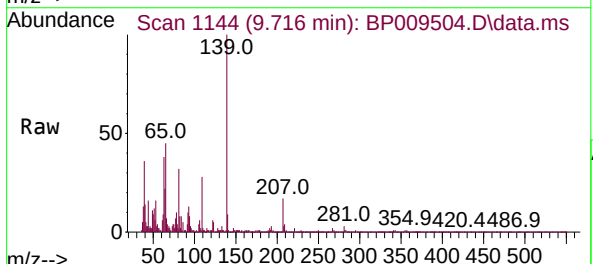
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

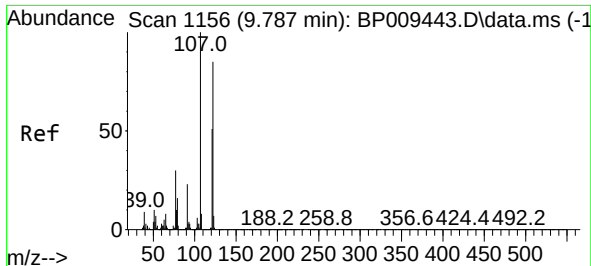
Tgt Ion: 82 Resp: 143112
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.0 13.8 20.8



#26
2-Nitrophenol
Concen: 3.021 ng
RT: 9.716 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 139 Resp: 33671
Ion Ratio Lower Upper
139 100
109 28.5 23.4 35.0
65 45.1 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 3.852 ng

RT: 9.787 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

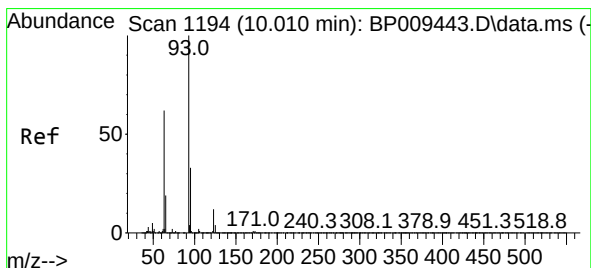
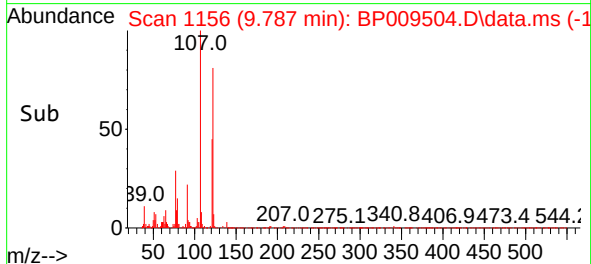
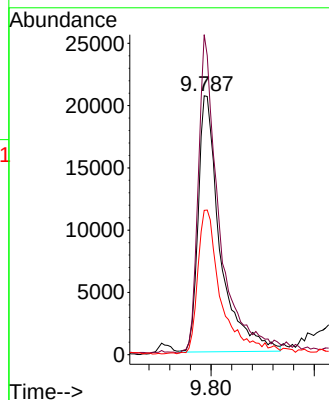
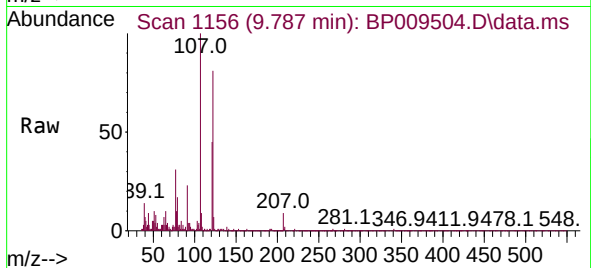
Tgt Ion:122 Resp: 60578

Ion Ratio Lower Upper

122 100

107 123.6 92.6 138.8

121 55.8 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.496 ng

RT: 10.010 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

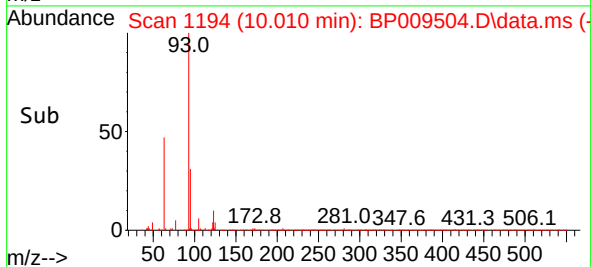
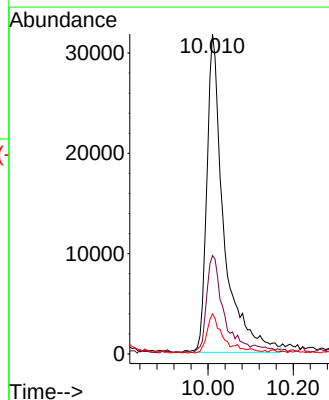
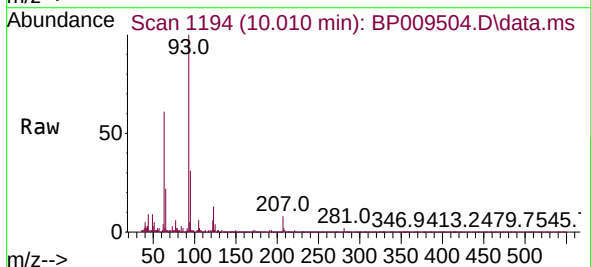
Tgt Ion: 93 Resp: 87877

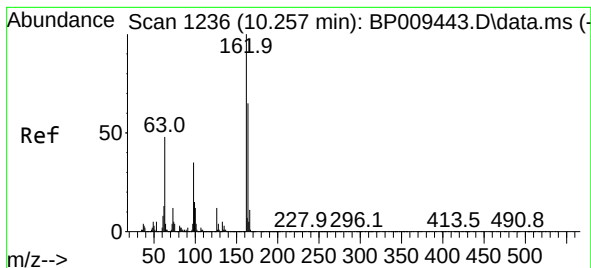
Ion Ratio Lower Upper

93 100

95 30.8 25.5 38.3

123 12.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 3.130 ng

RT: 10.287 min Scan# 11

Delta R.T. 0.029 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

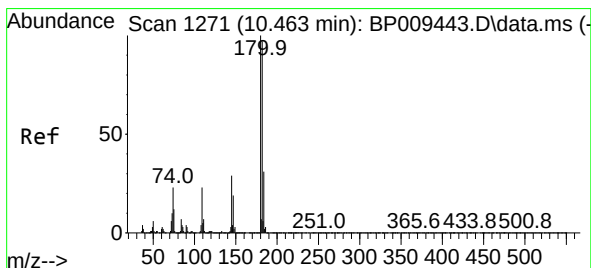
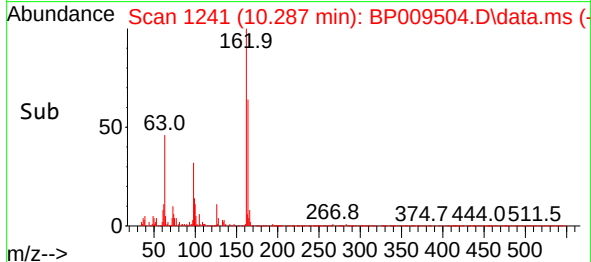
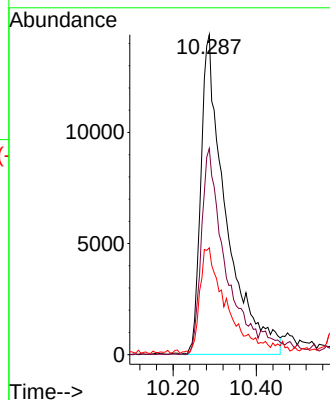
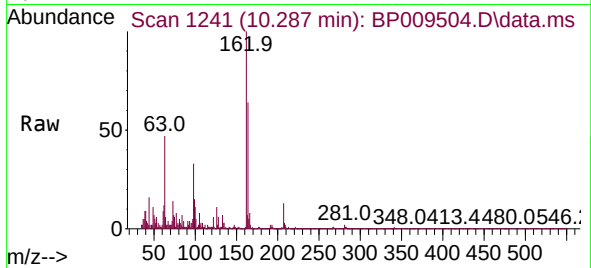
Tgt Ion:162 Resp: 60047

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 33.4 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 3.612 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

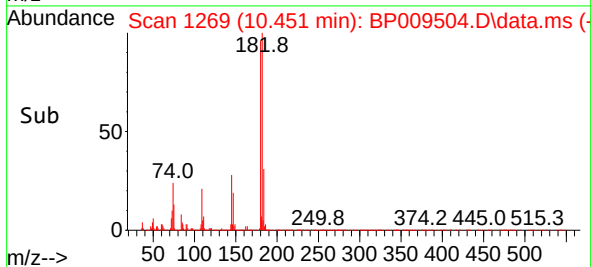
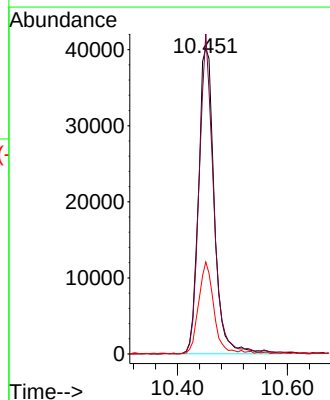
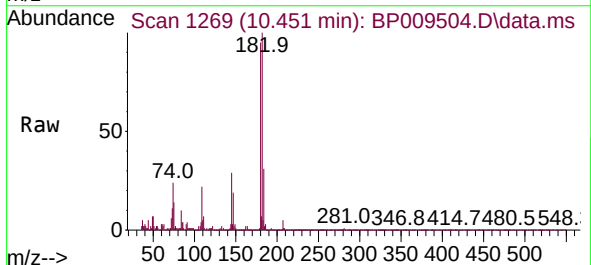
Tgt Ion:180 Resp: 80278

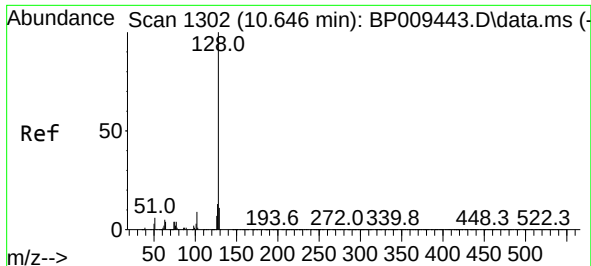
Ion Ratio Lower Upper

180 100

182 104.7 76.4 114.6

145 30.1 23.8 35.6

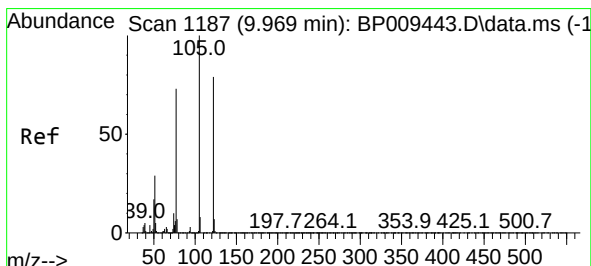
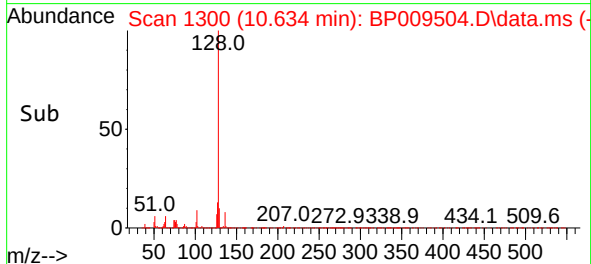
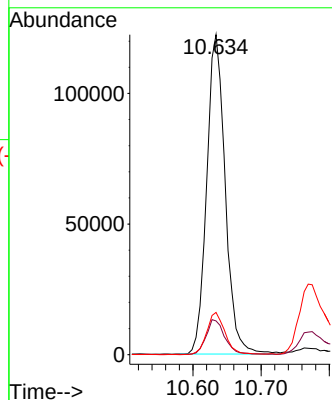
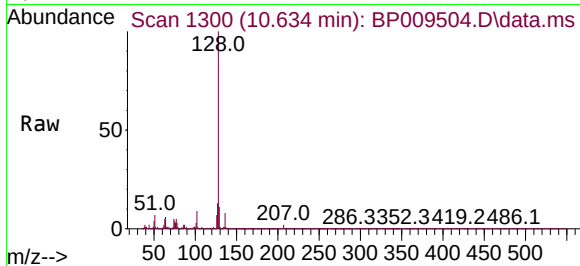




#31
Naphthalene
Concen: 3.737 ng
RT: 10.634 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

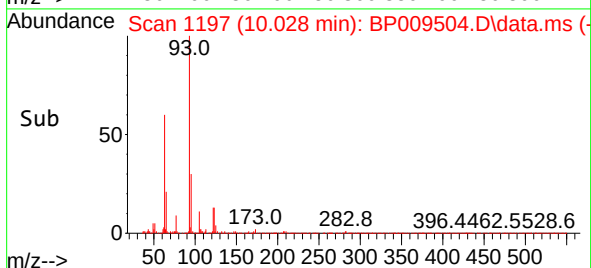
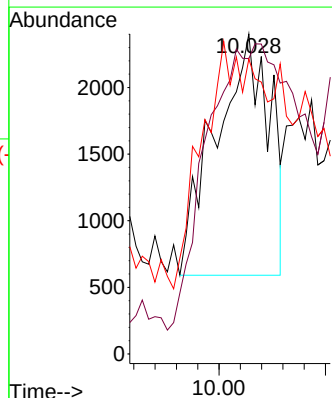
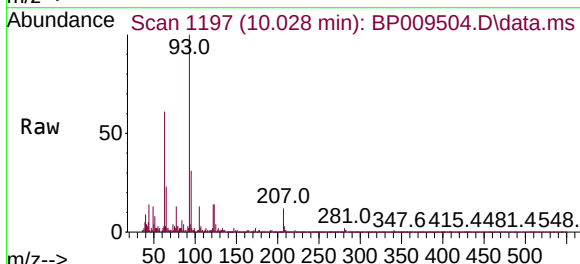
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

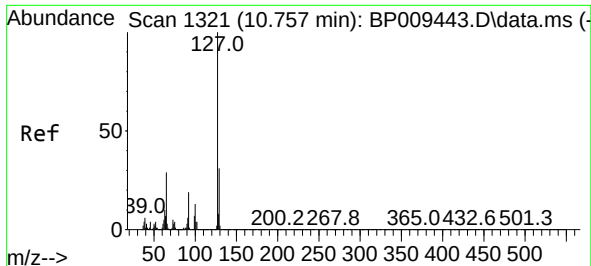
Tgt Ion:128 Resp: 231566
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 0.520 ng
RT: 10.028 min Scan# 1197
Delta R.T. 0.059 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:122 Resp: 6395
Ion Ratio Lower Upper
122 100
105 92.3 110.5 150.5#
77 92.1 79.9 119.9

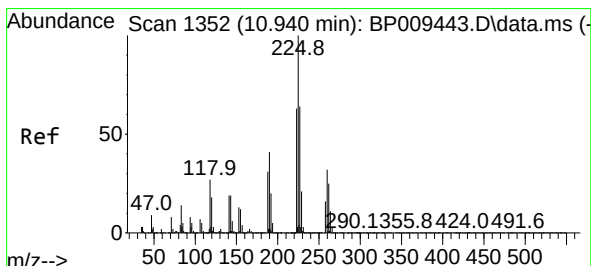
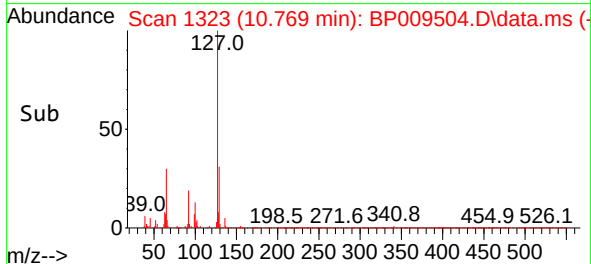
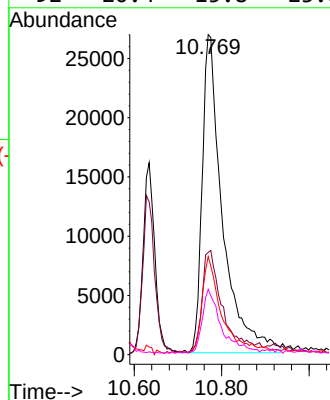
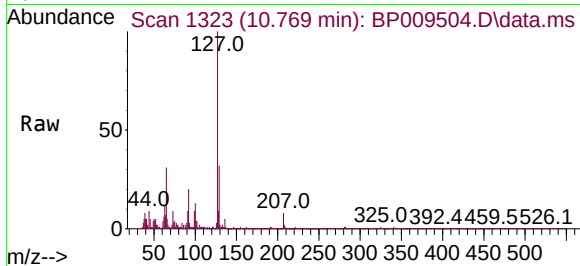




#33
4-Chloroaniline
Concen: 3.445 ng
RT: 10.769 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

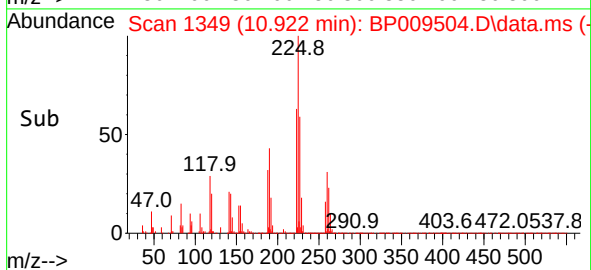
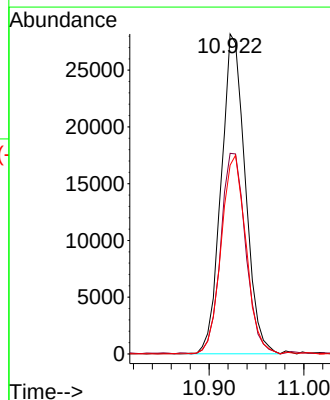
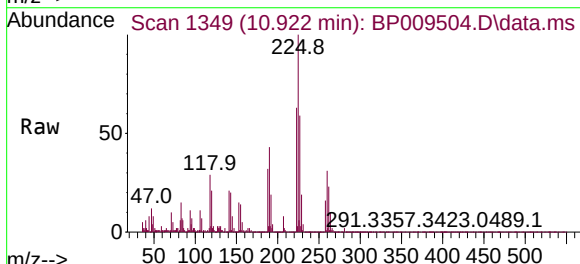
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

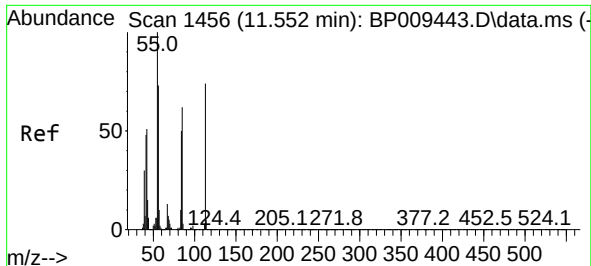
Tgt Ion:	127	Resp:	87087
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	30.6	24.3	36.5
92	20.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 3.299 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:	225	Resp:	49686
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	59.0	51.2	76.8

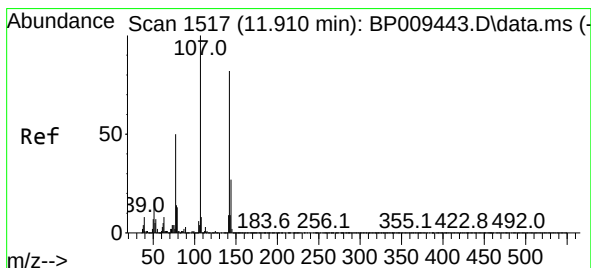
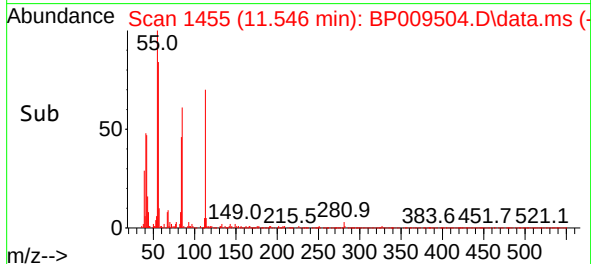
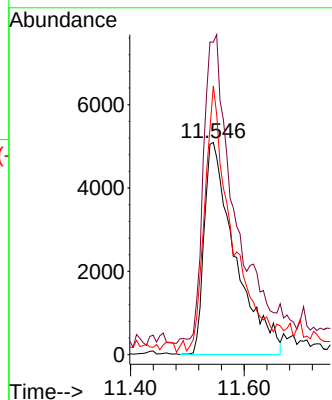
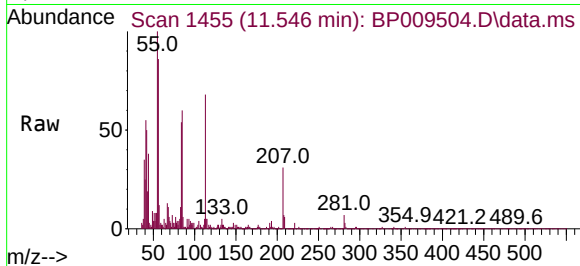




#35
Caprolactam
Concen: 2.967 ng
RT: 11.546 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

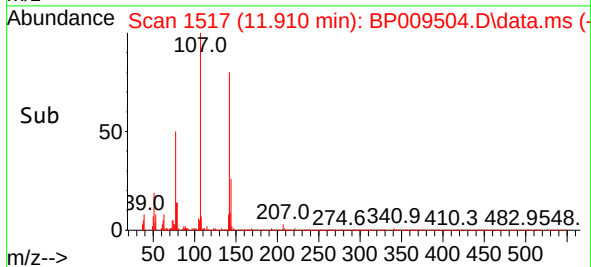
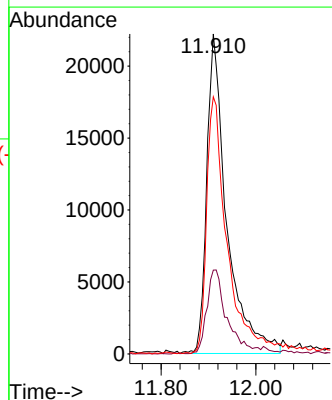
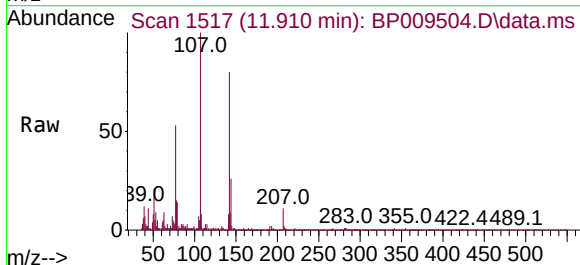
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

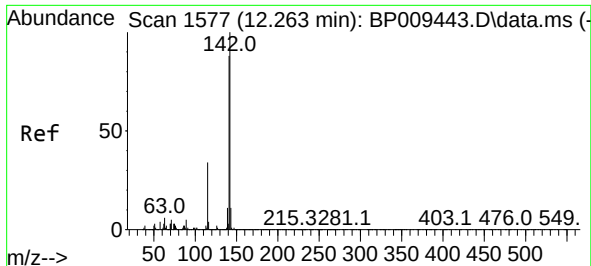
Tgt Ion:113 Resp: 19211
Ion Ratio Lower Upper
113 100
55 147.3 128.4 168.4
56 126.7 90.9 130.9



#36
4-Chloro-3-methylphenol
Concen: 3.155 ng
RT: 11.910 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:107 Resp: 65047
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 80.4 64.9 97.3

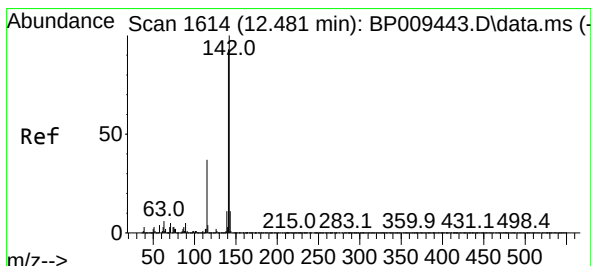
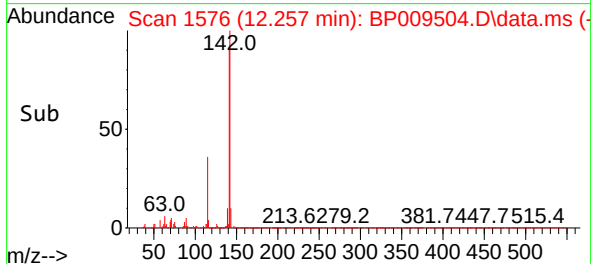
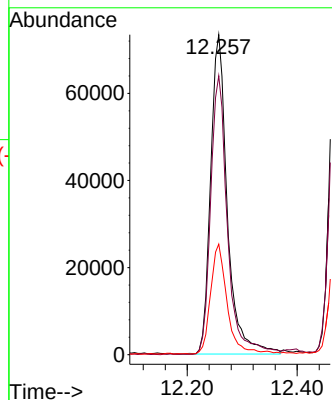
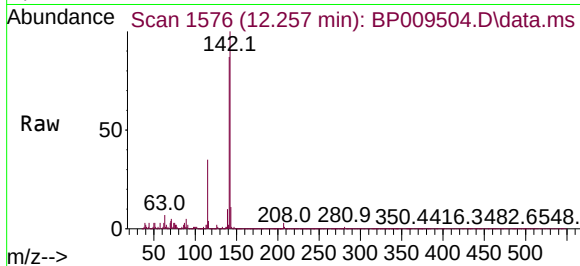




#37
2-Methylnaphthalene
Concen: 3.566 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

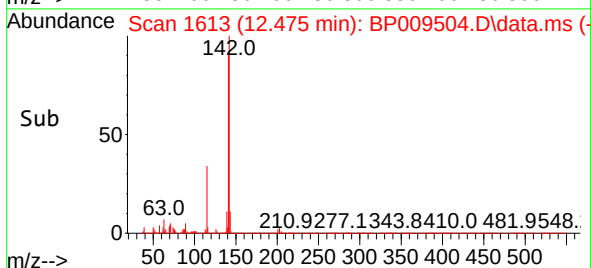
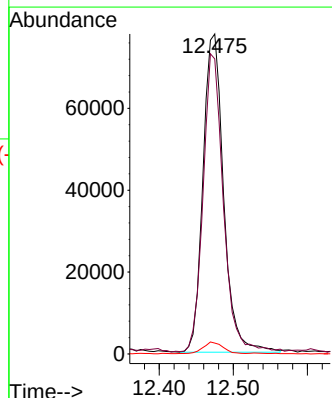
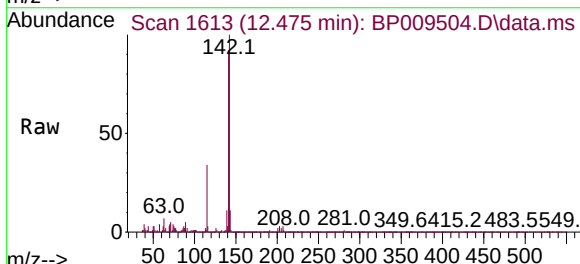
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

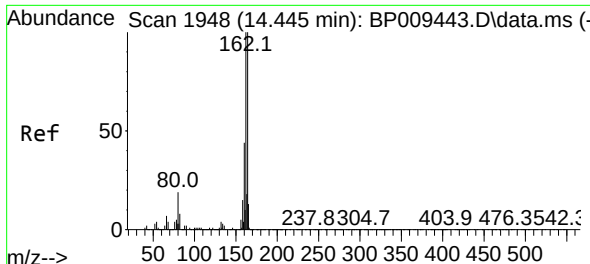
Tgt Ion:142 Resp: 155032
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.4
115 34.5 27.4 41.2



#38
1-Methylnaphthalene
Concen: 3.550 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:142 Resp: 150325
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.4 3.3 4.9

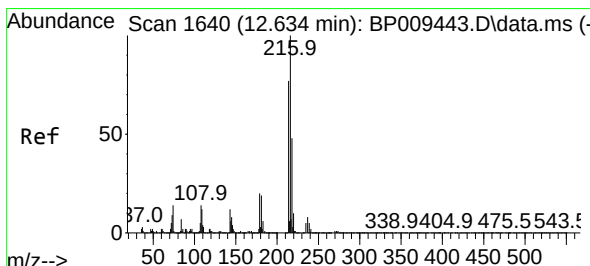
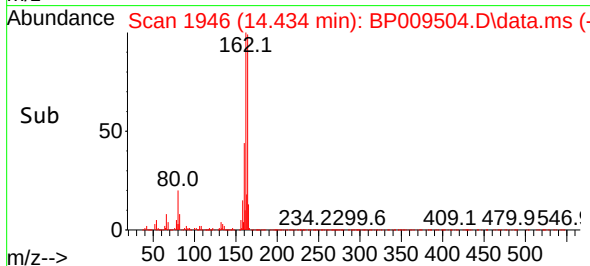
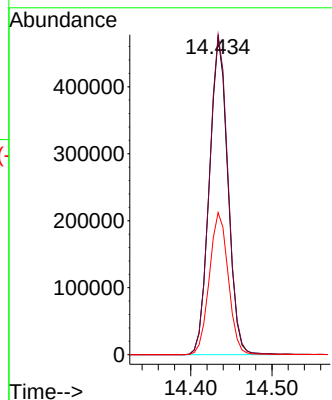
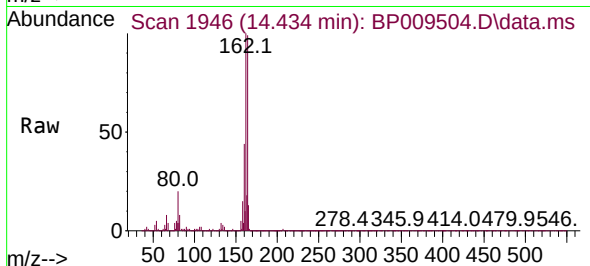




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

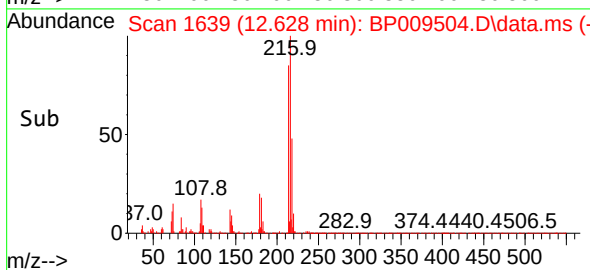
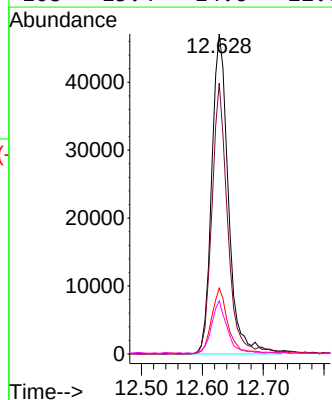
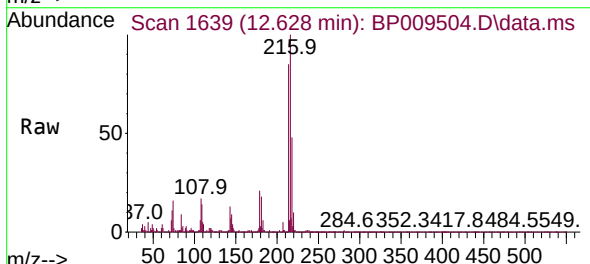
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

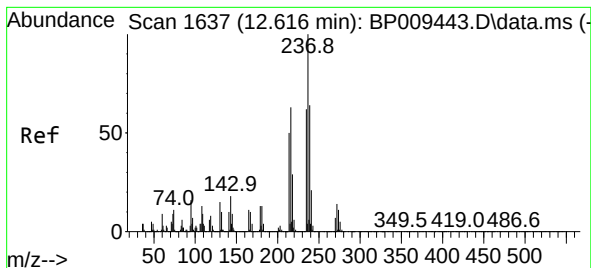
Tgt Ion:164 Resp: 750557
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.601 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:216 Resp: 89665
Ion Ratio Lower Upper
216 100
214 80.4 62.3 93.5
179 20.7 16.8 25.2
108 15.4 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 0.833 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

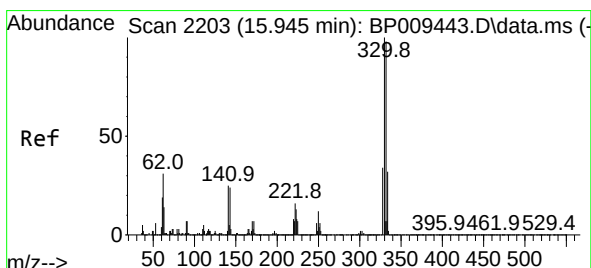
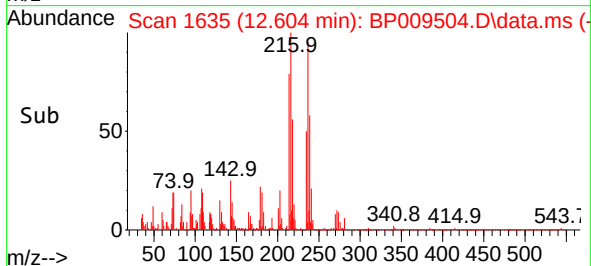
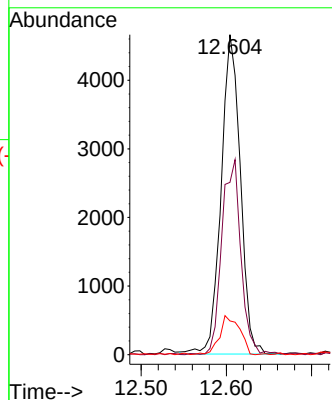
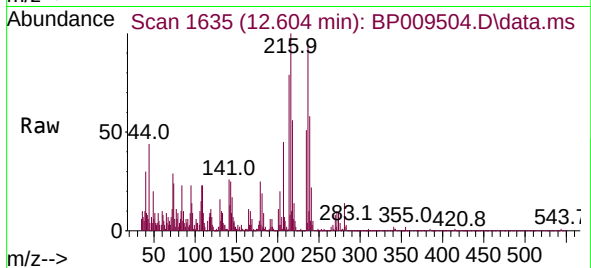
Tgt Ion:237 Resp: 7308

Ion Ratio Lower Upper

237 100

235 53.9 42.6 82.6

272 10.5 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 100.537 ng

RT: 15.934 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

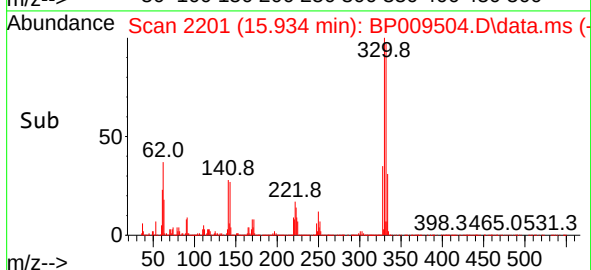
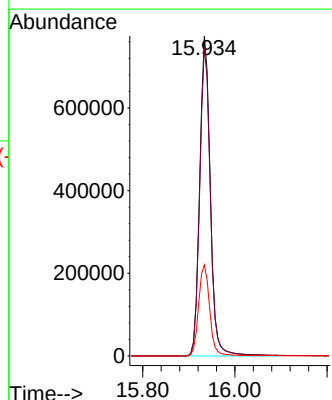
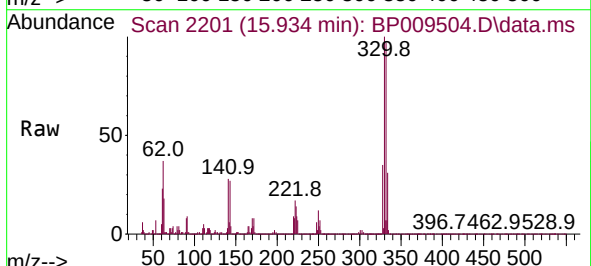
Tgt Ion:330 Resp: 1245201

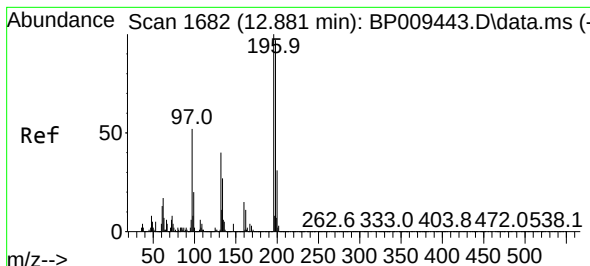
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 29.7 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 2.957 ng

RT: 12.881 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

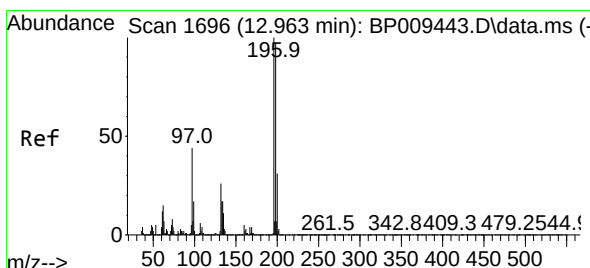
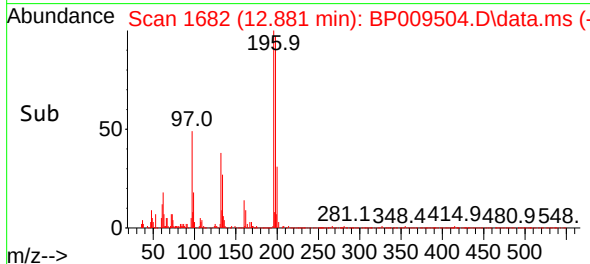
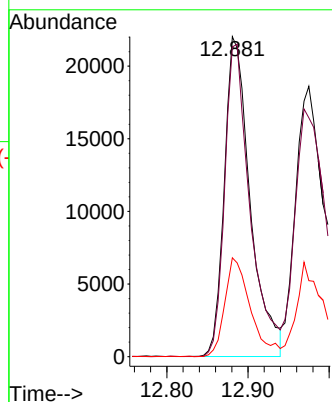
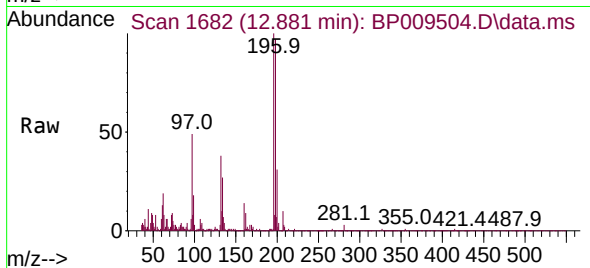
Tgt Ion:196 Resp: 48808

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.4

200 30.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 2.872 ng

RT: 12.975 min Scan# 1698

Delta R.T. 0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Tgt Ion:196 Resp: 51486

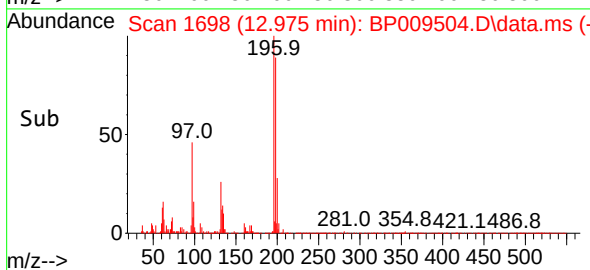
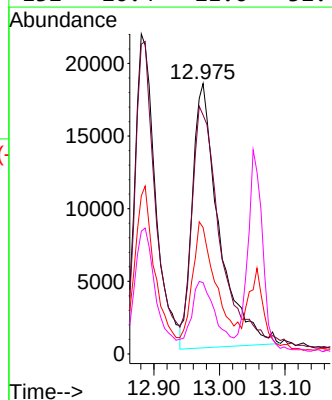
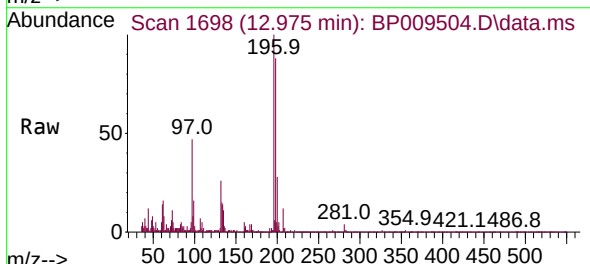
Ion Ratio Lower Upper

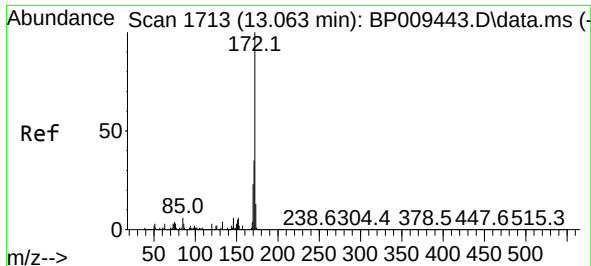
196 100

198 88.4 76.6 114.8

97 46.8 38.3 57.5

132 26.4 21.6 32.4

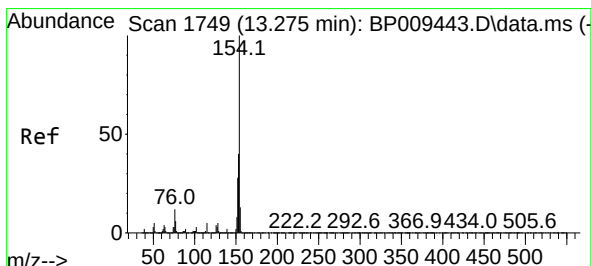
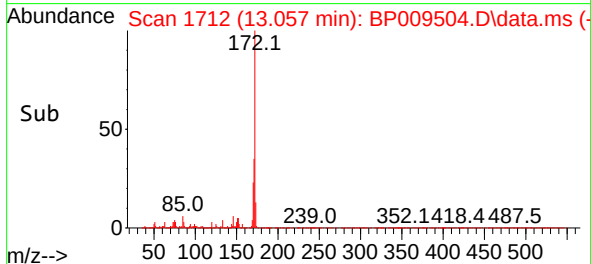
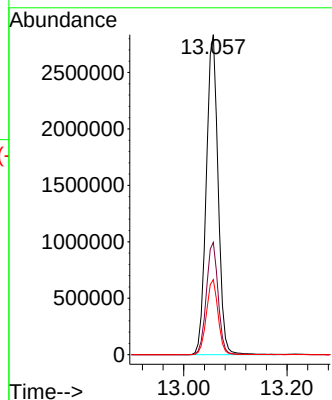
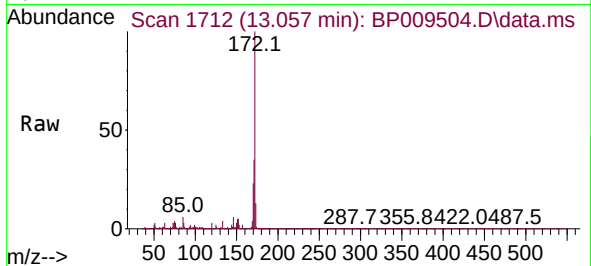




#45
2-Fluorobiphenyl
Concen: 82.929 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

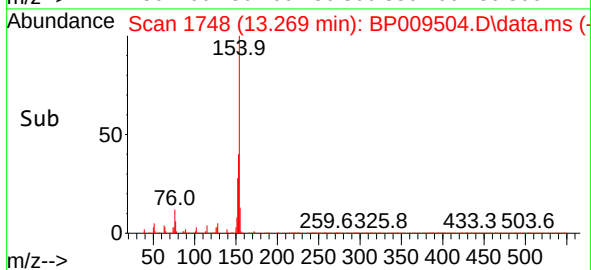
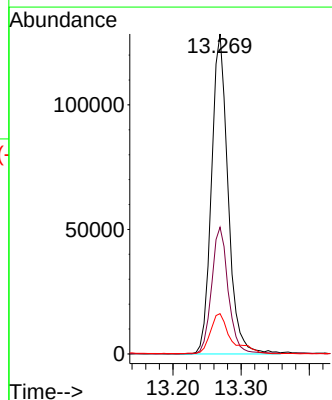
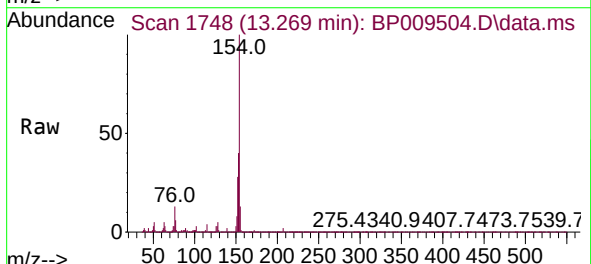
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

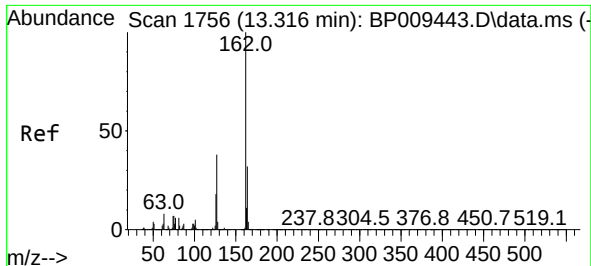
Tgt Ion:172 Resp: 4489907
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.883 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:154 Resp: 217401
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 12.6 0.0 34.0

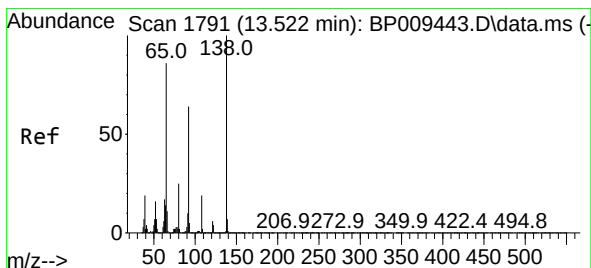
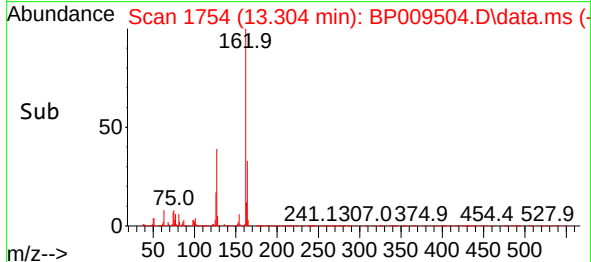
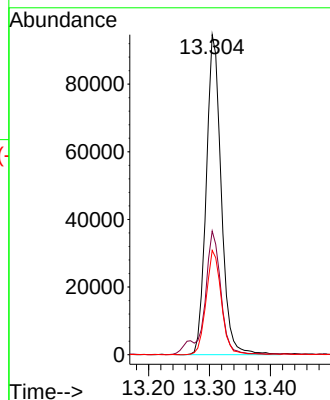
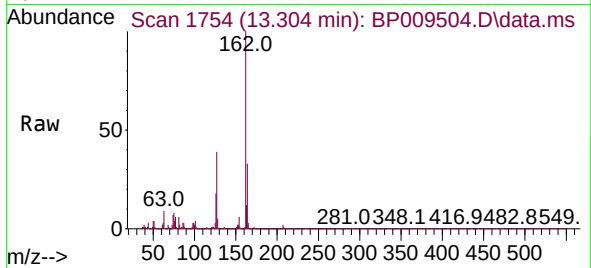




#47
2-Chloronaphthalene
Concen: 3.666 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

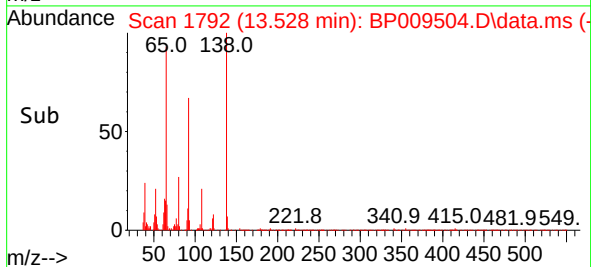
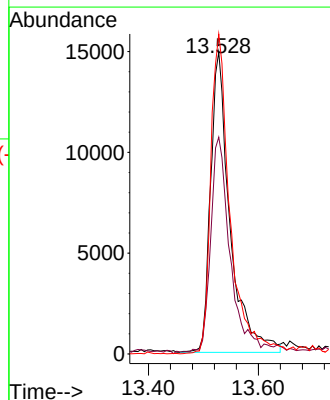
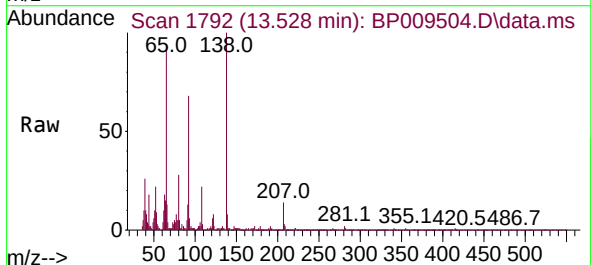
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

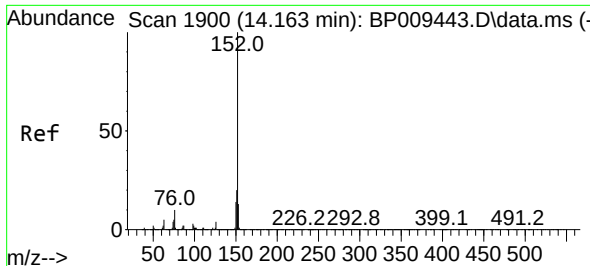
Tgt Ion:162 Resp: 161596
Ion Ratio Lower Upper
162 100
127 38.7 30.8 46.2
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 3.046 ng
RT: 13.528 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion: 65 Resp: 36567
Ion Ratio Lower Upper
65 100
92 71.8 56.9 85.3
138 106.0 89.3 133.9

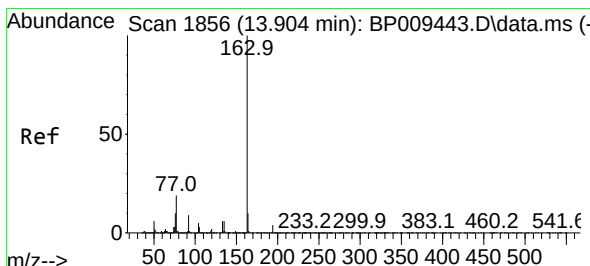
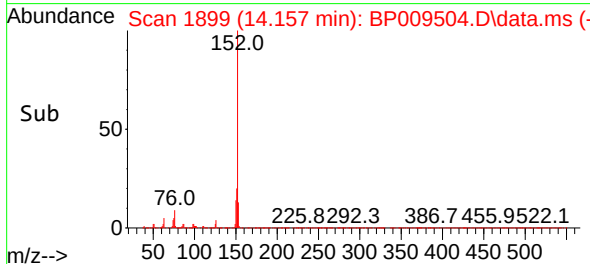
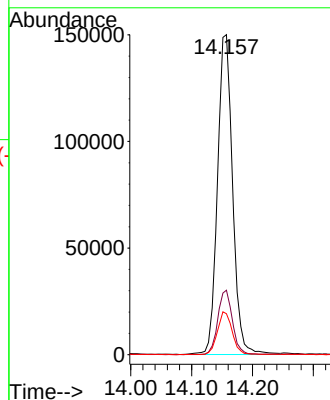
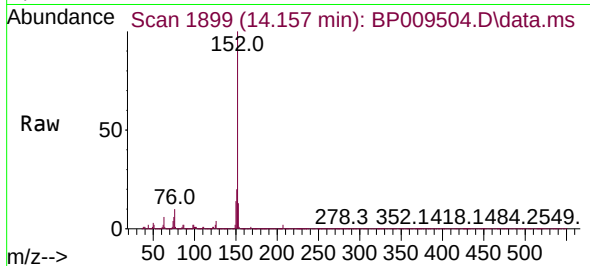




#49
Acenaphthylene
Concen: 3.811 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

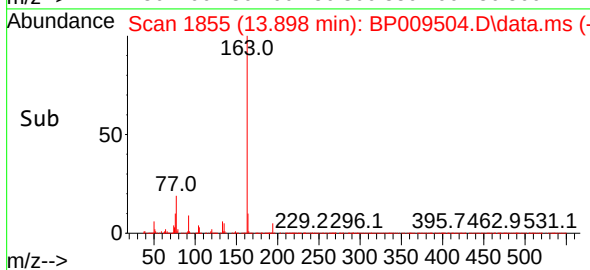
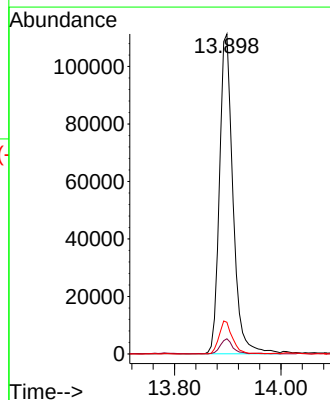
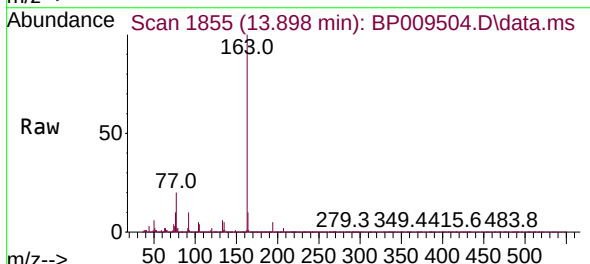
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT1-2022

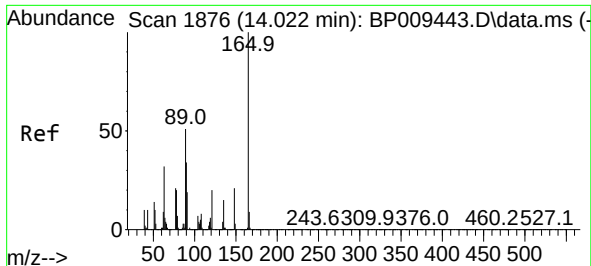
Tgt Ion:152 Resp: 259318
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.8 10.7 16.1



#50
Dimethylphthalate
Concen: 3.445 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:163 Resp: 195913
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.0
164 9.9 8.2 12.2

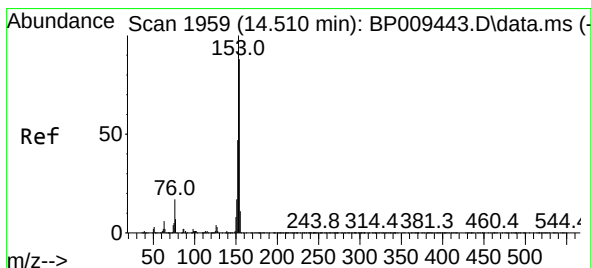
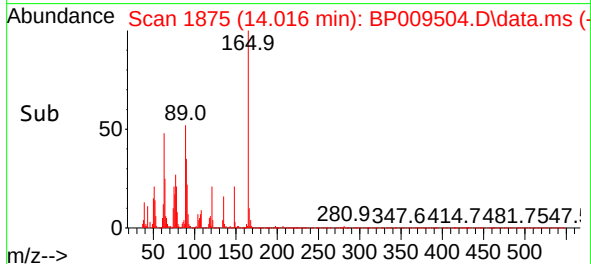
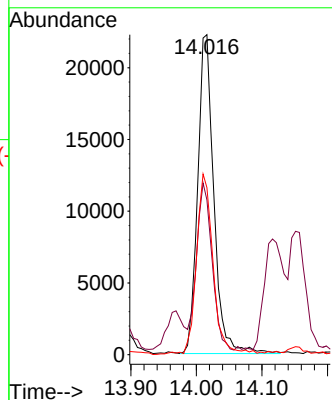
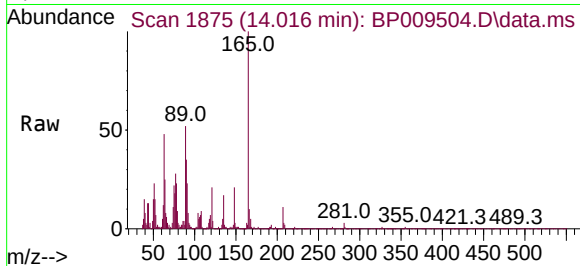




#51
2,6-Dinitrotoluene
Concen: 3.204 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

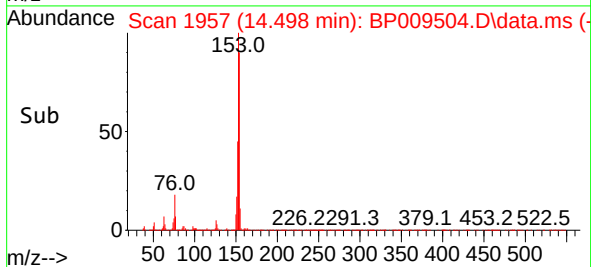
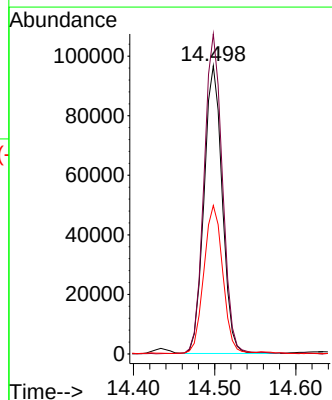
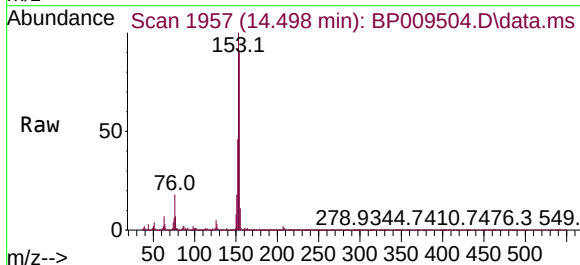
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

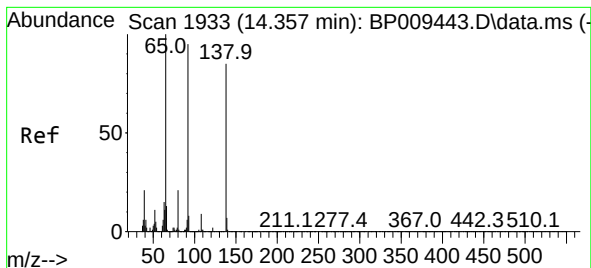
Tgt Ion:165 Resp: 38180
Ion Ratio Lower Upper
165 100
63 48.4 40.9 61.3
89 52.2 43.4 65.2



#52
Acenaphthene
Concen: 3.706 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:154 Resp: 150634
Ion Ratio Lower Upper
154 100
153 111.1 90.2 135.4
152 51.5 42.7 64.1





#53

3-Nitroaniline

Concen: 3.054 ng

RT: 14.357 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

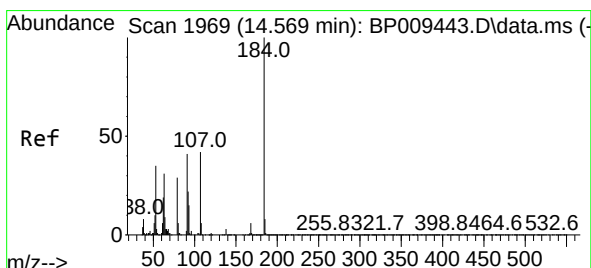
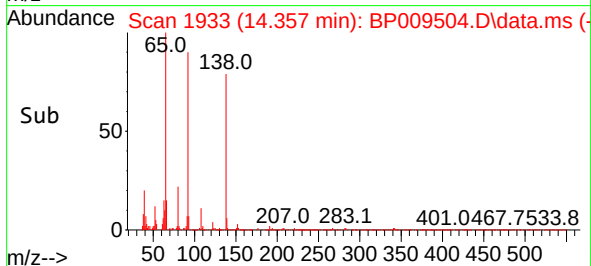
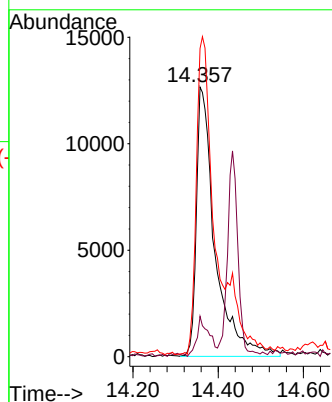
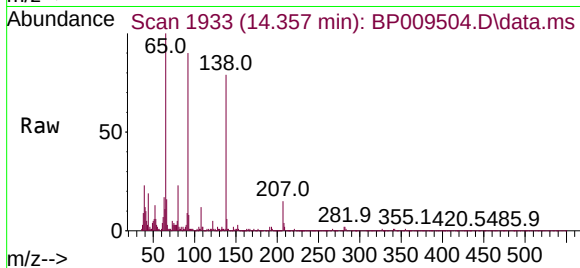
Tgt Ion:138 Resp: 38438

Ion Ratio Lower Upper

138 100

108 15.0 9.7 14.5#

92 114.3 94.4 141.6



#54

2,4-Dinitrophenol

Concen: 0.312 ng

RT: 14.610 min Scan# 1976

Delta R.T. 0.041 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

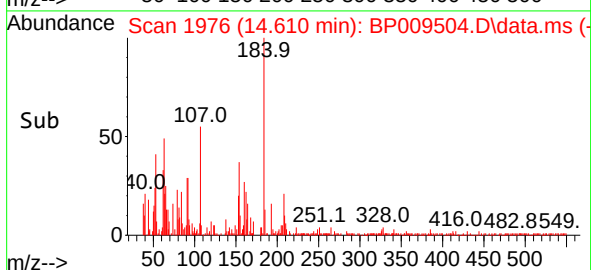
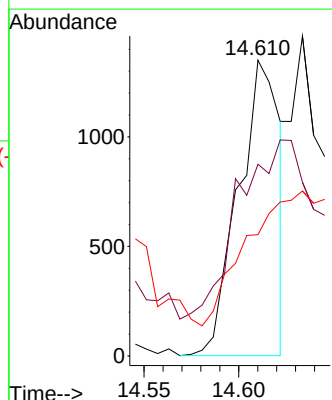
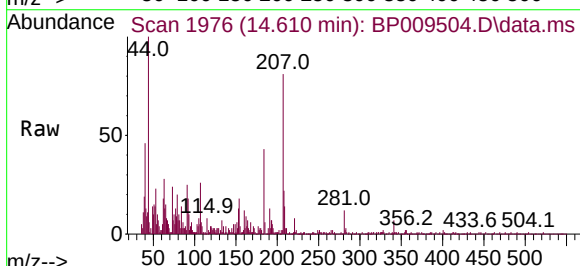
Tgt Ion:184 Resp: 2042

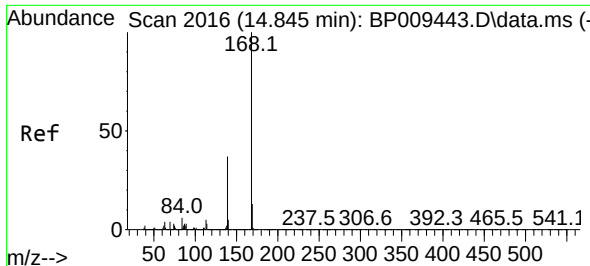
Ion Ratio Lower Upper

184 100

63 64.8 46.3 69.5

154 41.0 45.8 68.6#

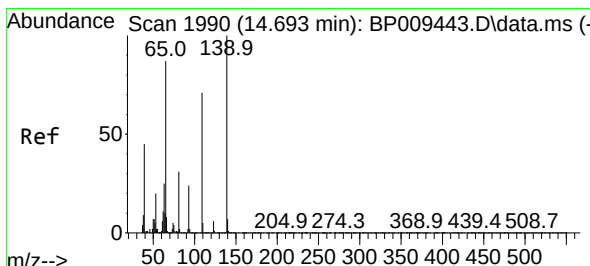
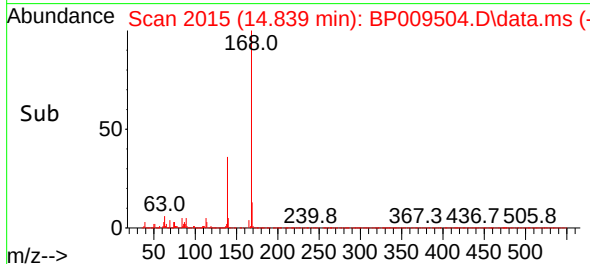
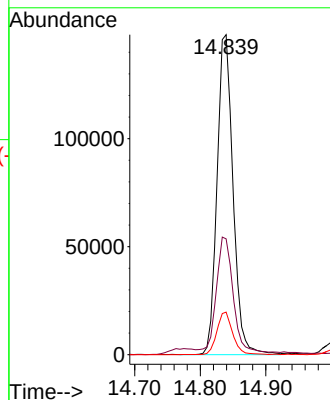
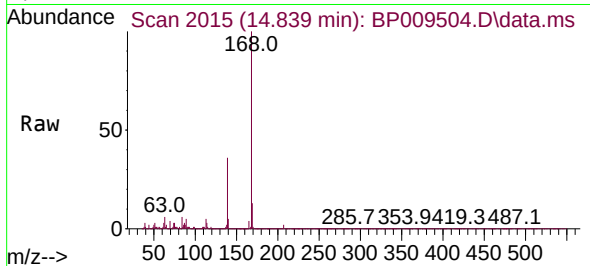




#55
Dibenzenofuran
Concen: 3.659 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

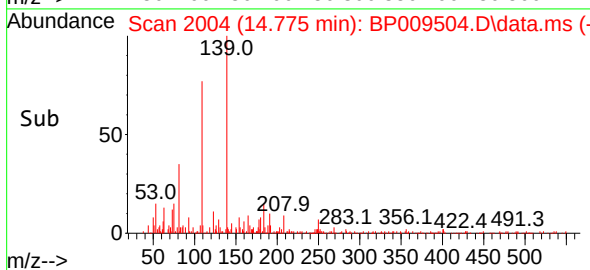
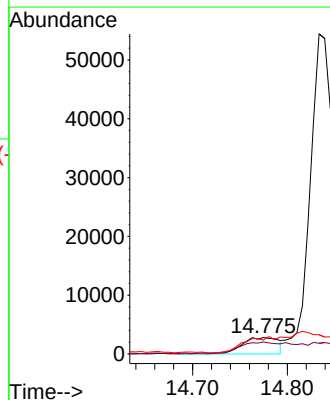
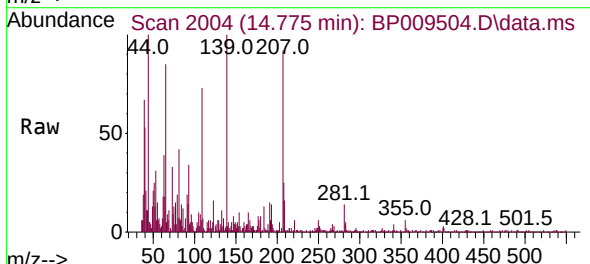
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

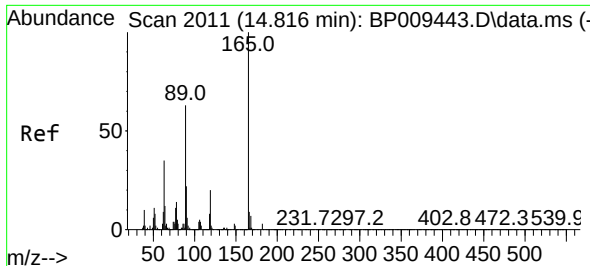
Tgt Ion:168 Resp: 249920
Ion Ratio Lower Upper
168 100
139 36.2 29.1 43.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 0.797 ng
RT: 14.775 min Scan# 2004
Delta R.T. 0.082 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:139 Resp: 7477
Ion Ratio Lower Upper
139 100
109 73.0 51.2 91.2
65 85.1 73.2 113.2

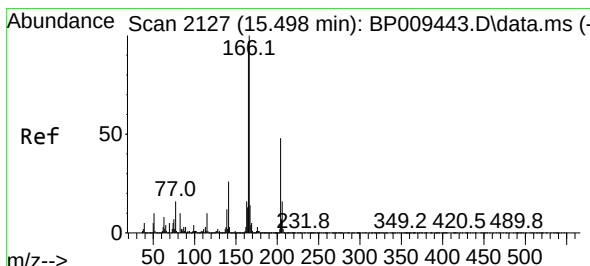
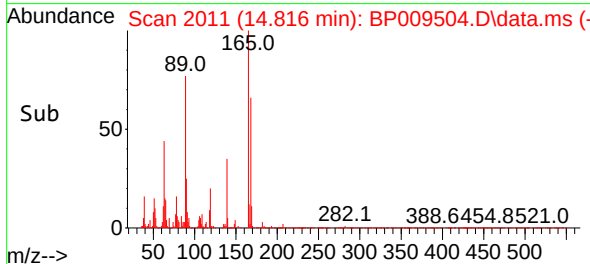
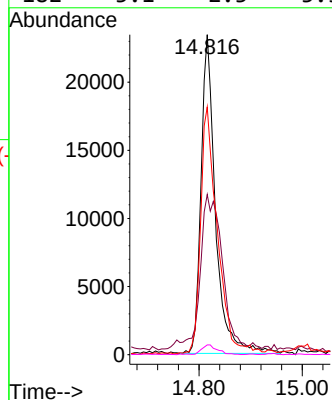
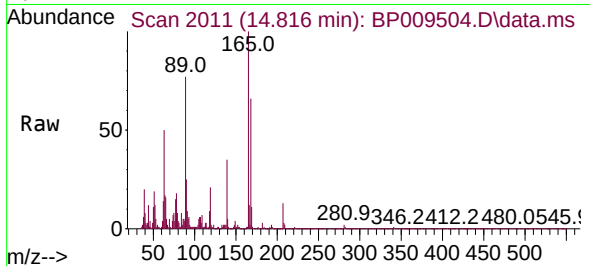




#57
2,4-Dinitrotoluene
Concen: 2.766 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

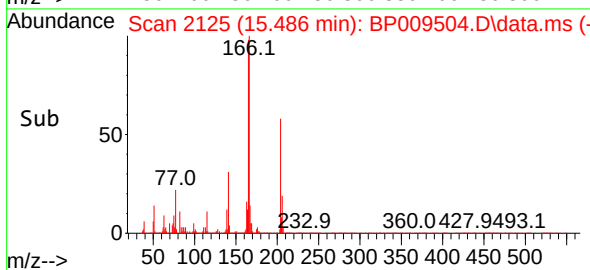
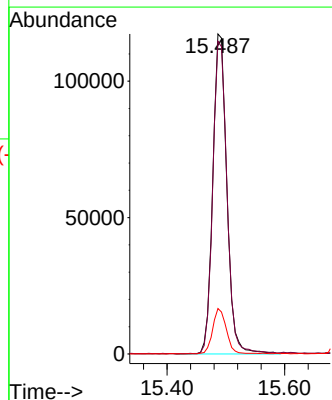
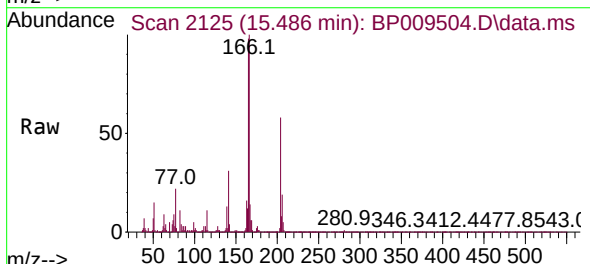
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

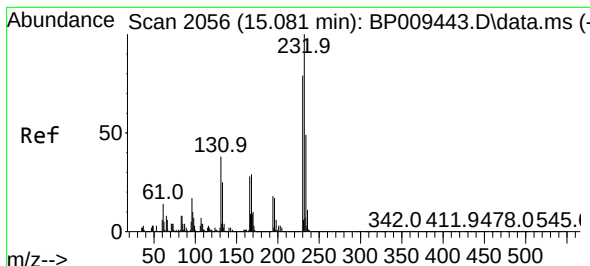
Tgt Ion:165 Resp: 45318
Ion Ratio Lower Upper
165 100
63 50.0 31.4 47.2#
89 77.4 55.9 83.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 3.630 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:166 Resp: 194976
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 14.2 10.7 16.1

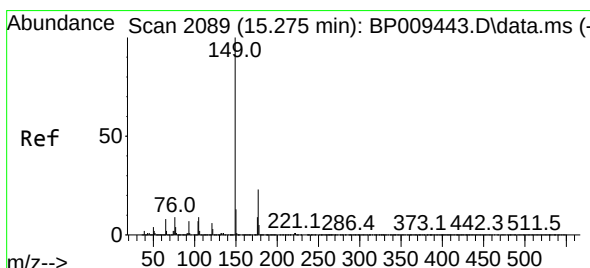
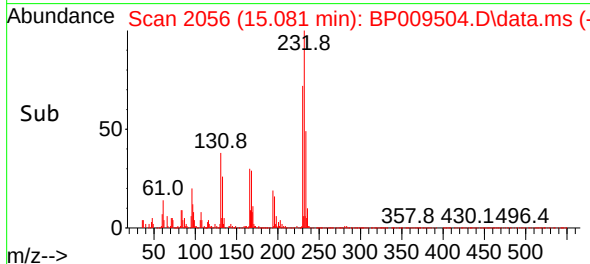
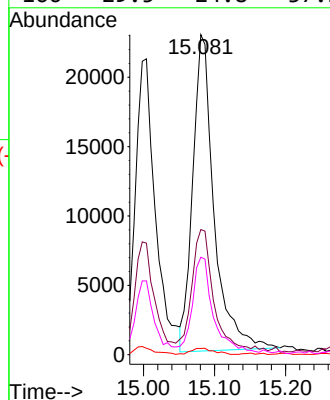
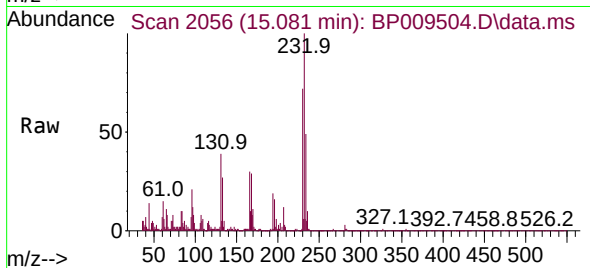




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.934 ng
RT: 15.081 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

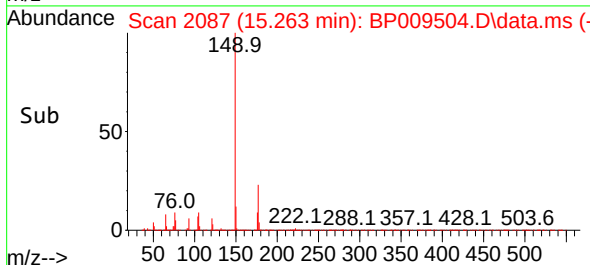
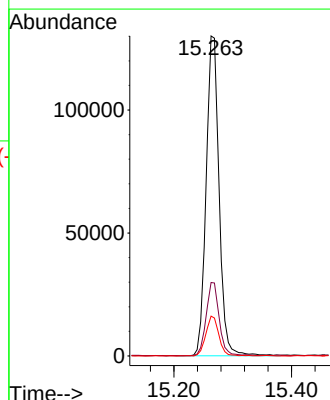
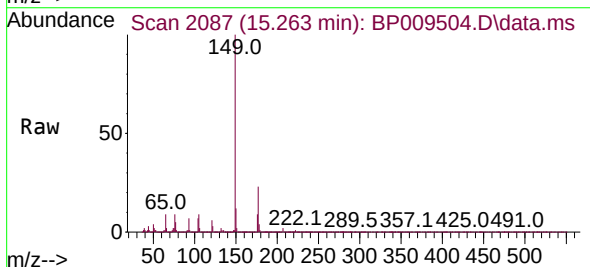
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

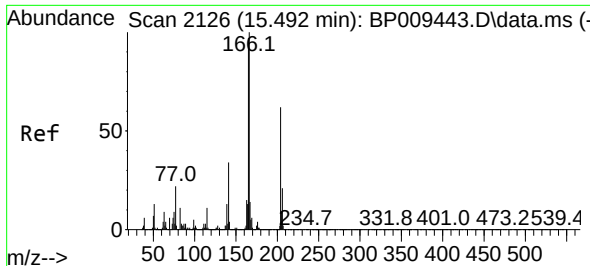
Tgt Ion:	232	Resp:	47670
Ion	Ratio	Lower	Upper
232	100		
131	40.0	35.5	53.3
130	2.1	1.8	2.8
166	29.5	24.8	37.2



#60
Diethylphthalate
Concen: 3.505 ng
RT: 15.263 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:	149	Resp:	199506
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	12.5	9.9	14.9

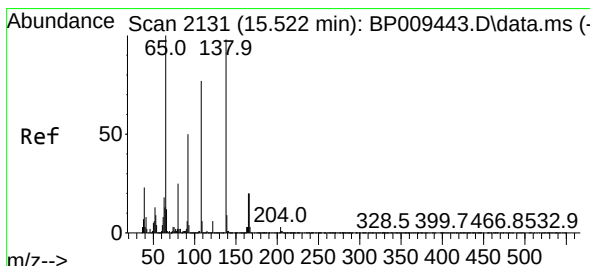
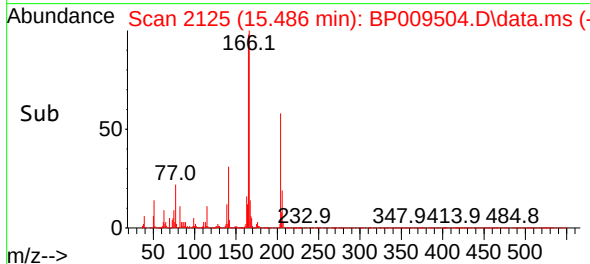
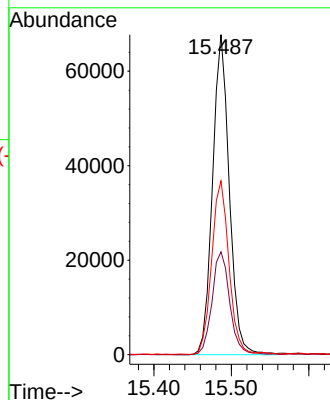
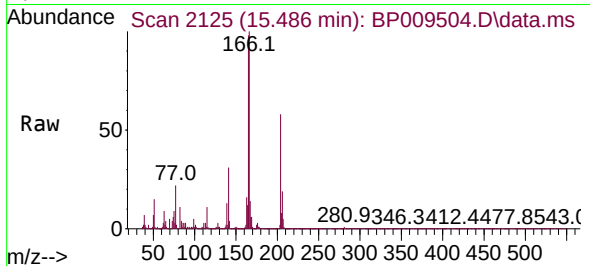




#61
4-Chlorophenyl-phenylether
Concen: 3.434 ng
RT: 15.486 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

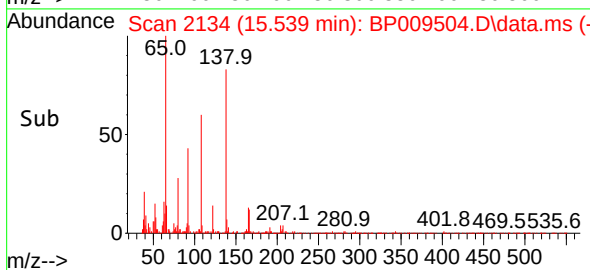
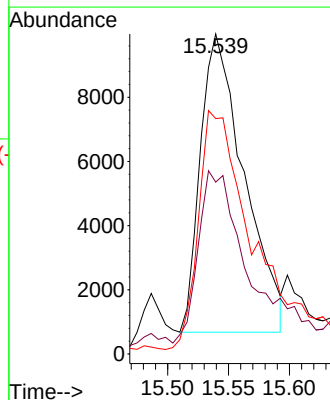
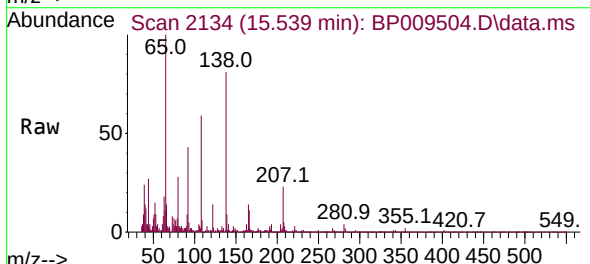
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

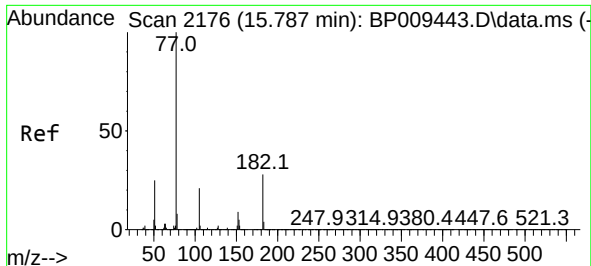
Tgt Ion:204 Resp: 101608
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 54.3 45.9 68.9



#62
4-Nitroaniline
Concen: 1.758 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.018 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:138 Resp: 23243
Ion Ratio Lower Upper
138 100
92 53.7 31.2 71.2
108 73.5 54.3 94.3

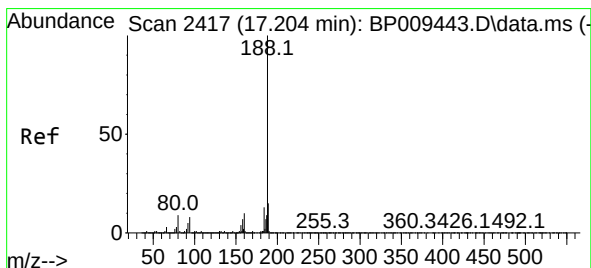
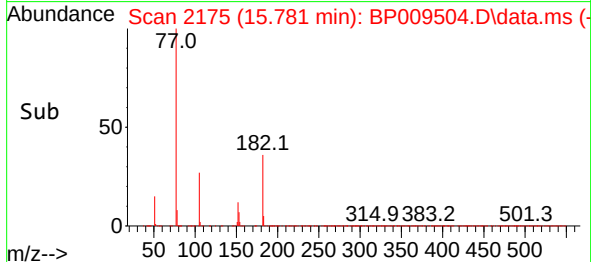
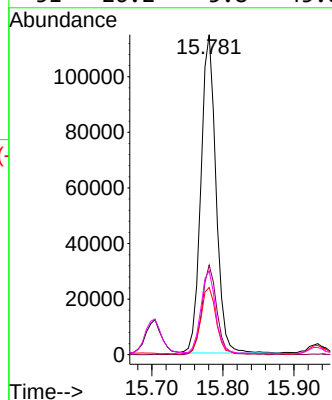
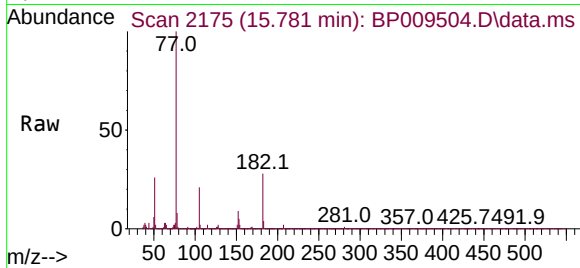




#63
Azobenzene
Concen: 3.420 ng
RT: 15.781 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

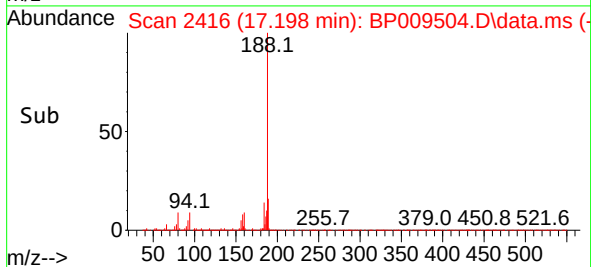
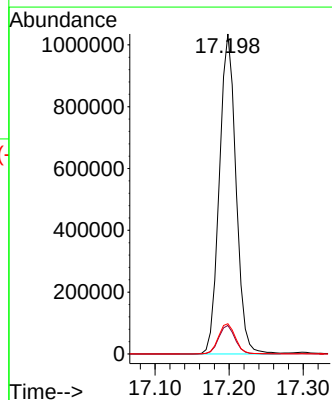
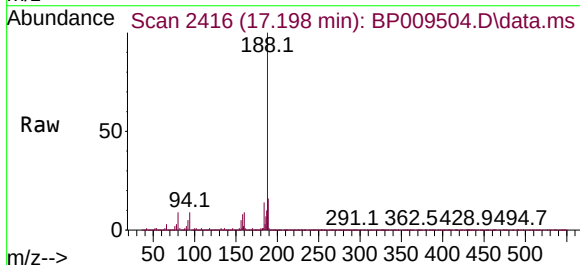
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

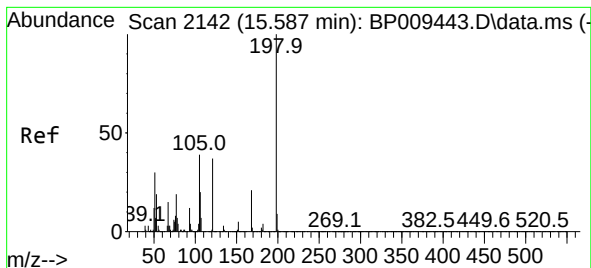
Tgt Ion: 77 Resp: 169326
Ion Ratio Lower Upper
77 100
182 28.0 5.4 45.4
105 21.0 0.3 40.3
51 26.2 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:188 Resp: 1616236
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.4 8.8 13.2

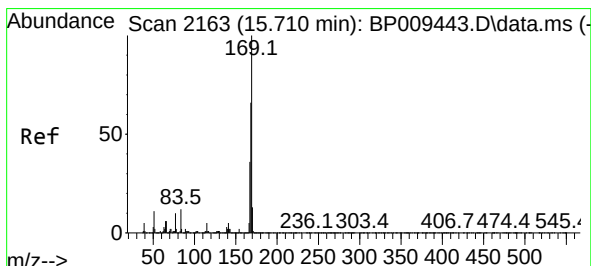
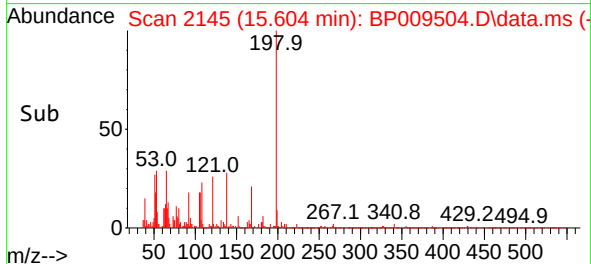
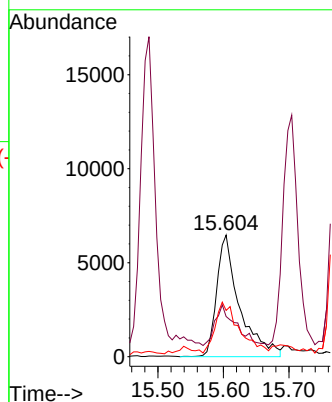
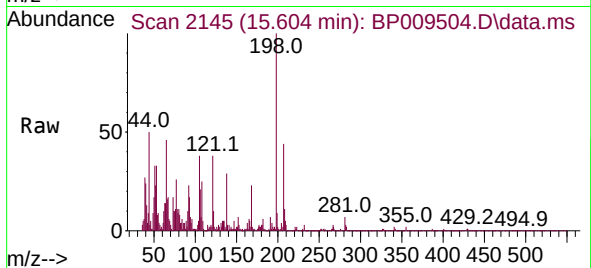




#65
4,6-Dinitro-2-methylphenol
Concen: 1.496 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.018 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

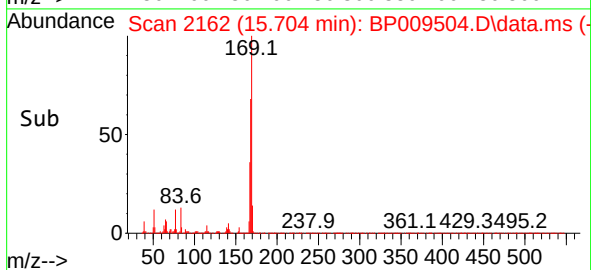
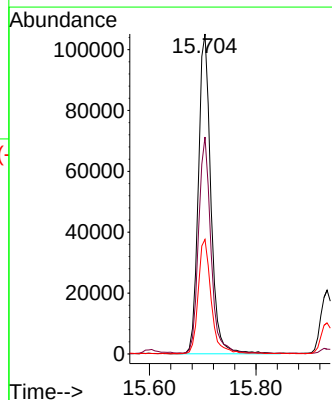
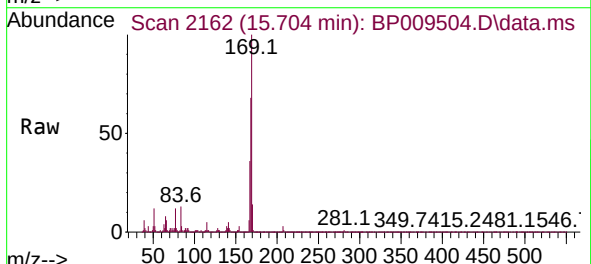
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

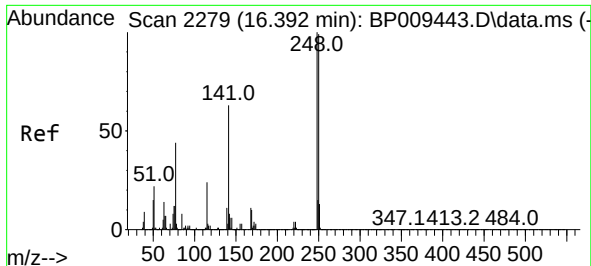
Tgt Ion:198 Resp: 15546
Ion Ratio Lower Upper
198 100
51 33.0 17.7 57.7
105 38.0 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 3.575 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:169 Resp: 170999
Ion Ratio Lower Upper
169 100
168 67.8 51.6 77.4
167 35.8 29.0 43.4

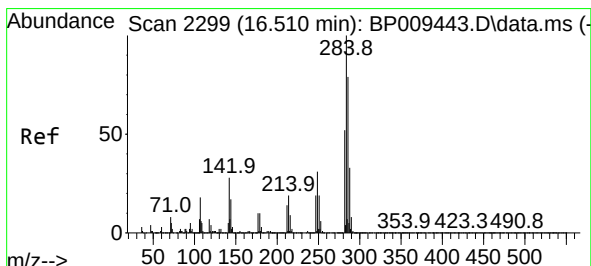
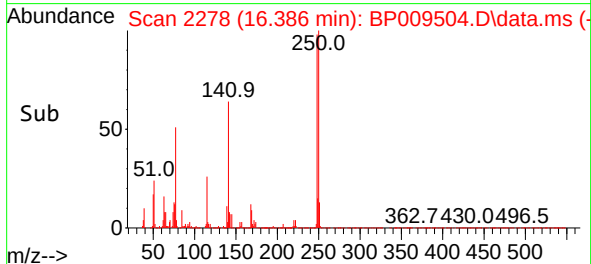
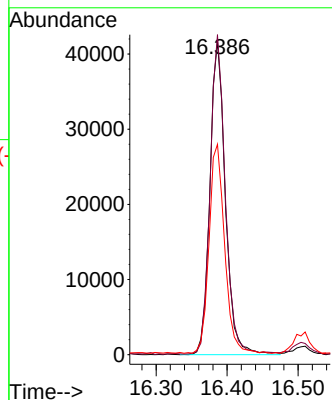
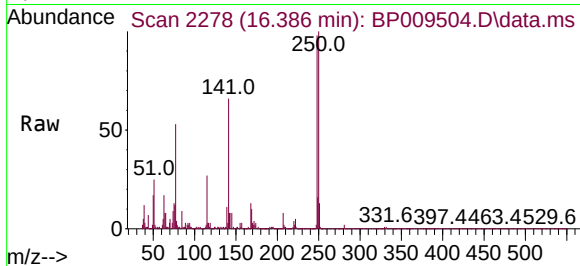




#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 16.386 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

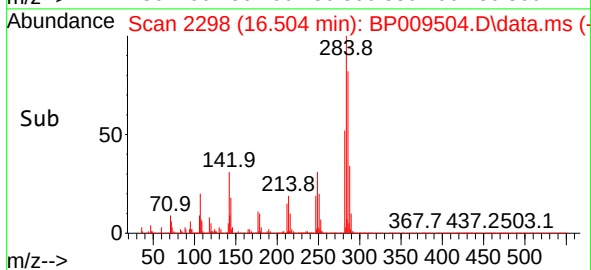
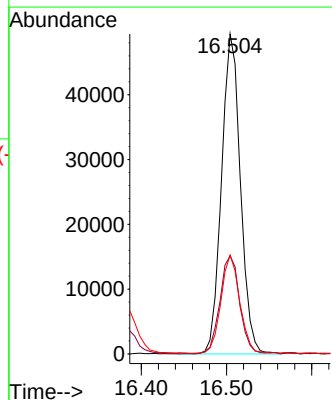
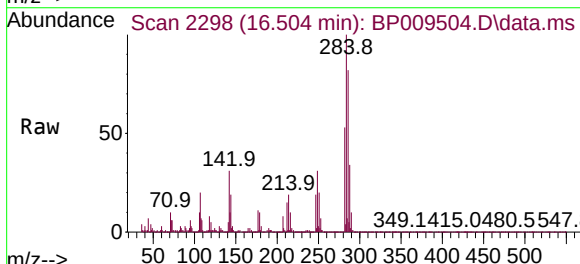
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

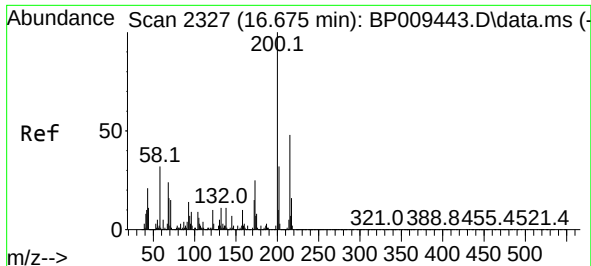
Tgt Ion:248 Resp: 63134
Ion Ratio Lower Upper
248 100
250 102.2 77.7 116.5
141 67.2 58.3 87.5



#68
Hexachlorobenzene
Concen: 3.340 ng
RT: 16.504 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:284 Resp: 76033
Ion Ratio Lower Upper
284 100
142 30.6 26.8 40.2
249 30.9 24.6 37.0

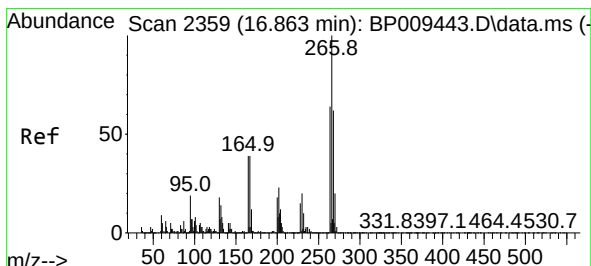
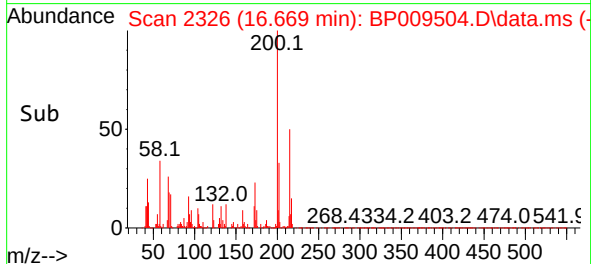
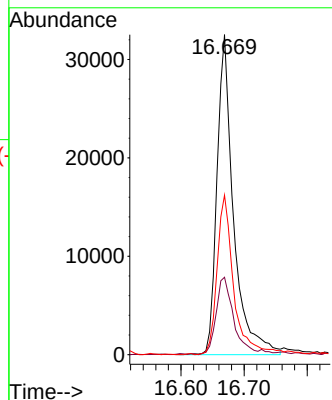
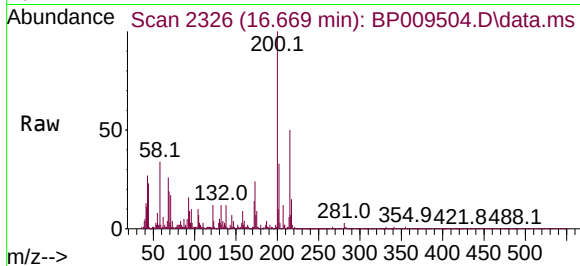




#69
Atrazine
Concen: 3.515 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

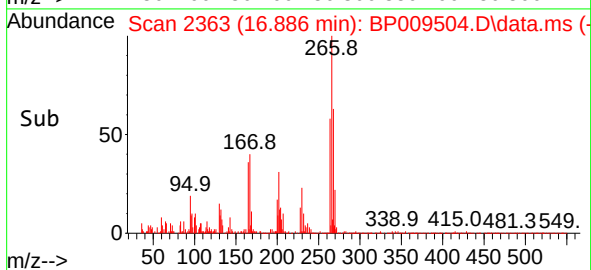
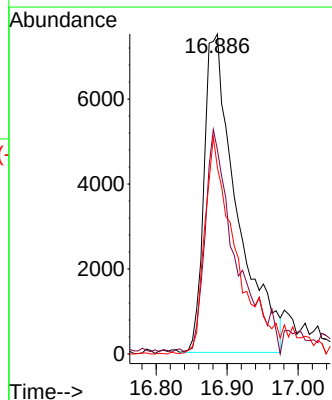
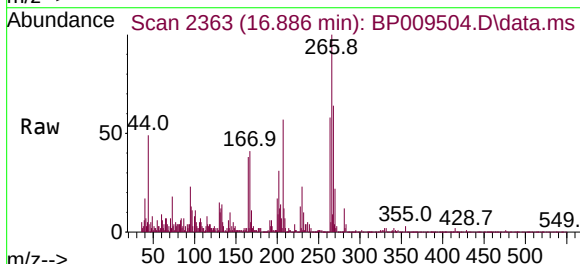
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

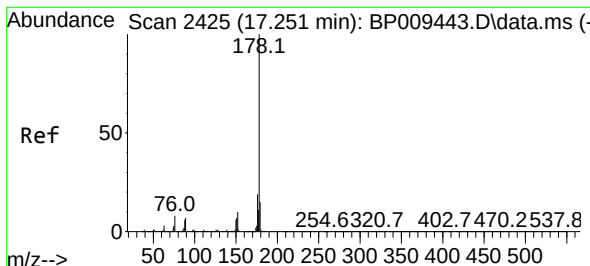
Tgt Ion:200 Resp: 59113
Ion Ratio Lower Upper
200 100
173 24.2 6.2 46.2
215 49.8 28.5 68.5



#70
Pentachlorophenol
Concen: 1.975 ng
RT: 16.886 min Scan# 2363
Delta R.T. 0.023 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:266 Resp: 24026
Ion Ratio Lower Upper
266 100
268 67.1 49.8 74.8
264 58.2 50.9 76.3





#71

Phenanthrene

Concen: 3.740 ng

RT: 17.239 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

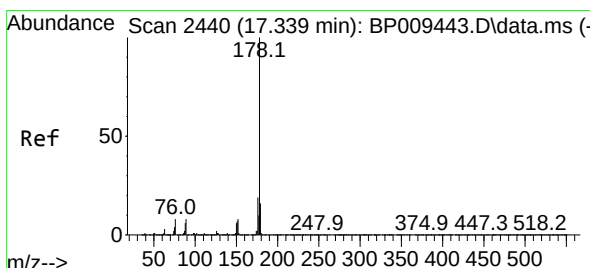
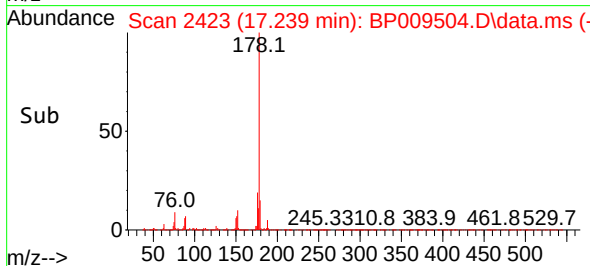
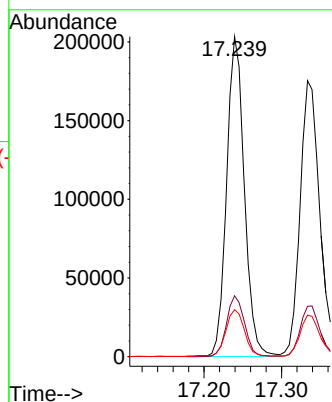
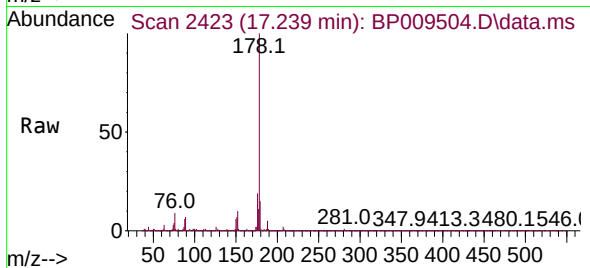
Tgt Ion:178 Resp: 323535

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 14.7 12.3 18.5



#72

Anthracene

Concen: 3.709 ng

RT: 17.333 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

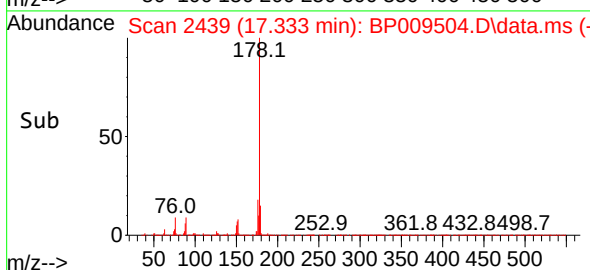
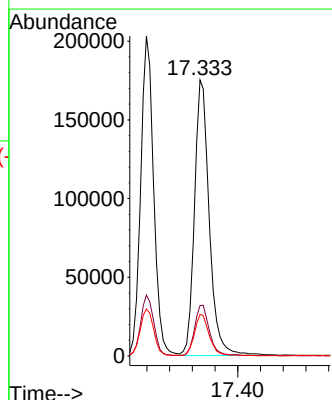
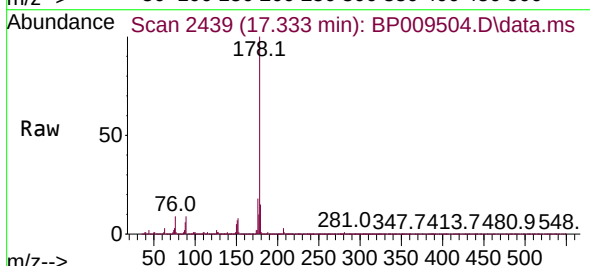
Tgt Ion:178 Resp: 316823

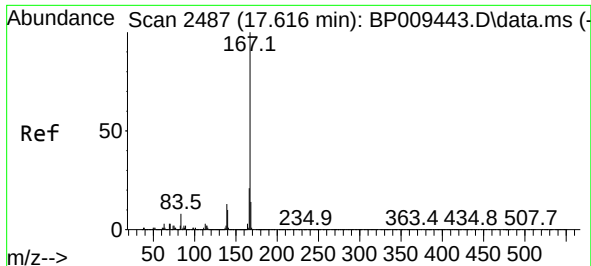
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 15.1 12.2 18.4

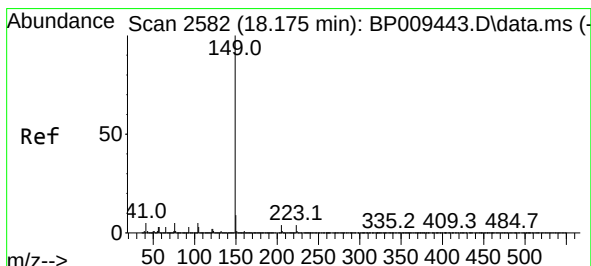
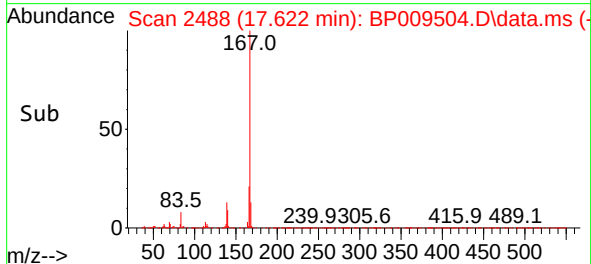
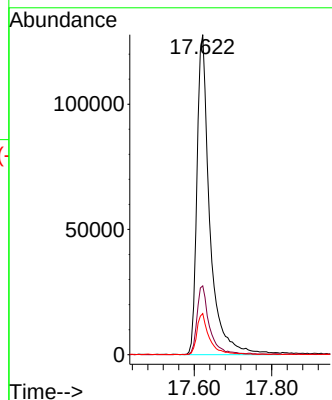
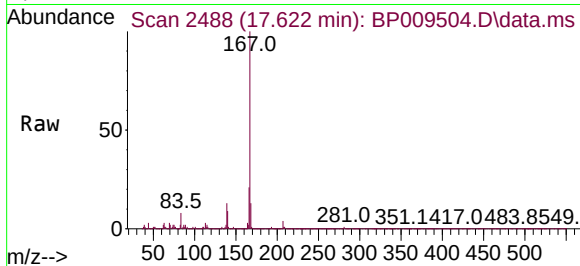




#73
 Carbazole
 Concen: 3.518 ng
 RT: 17.622 min Scan# 2487
 Delta R.T. 0.006 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

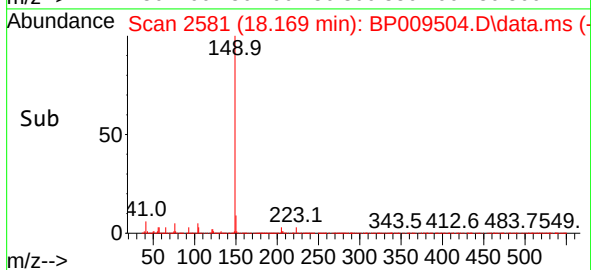
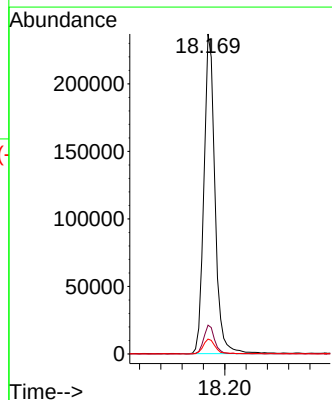
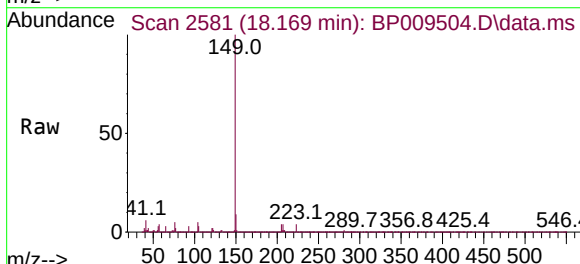
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

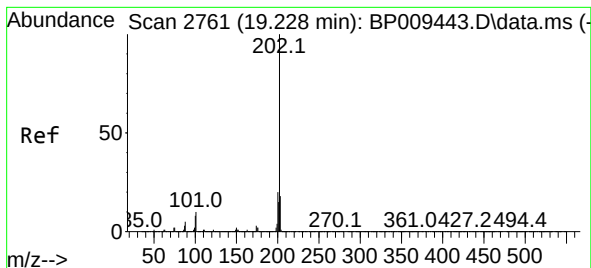
Tgt Ion:167 Resp: 293927
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 3.467 ng
 RT: 18.169 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

Tgt Ion:149 Resp: 339435
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.6 4.2 6.2





#75

Fluoranthene

Concen: 3.785 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

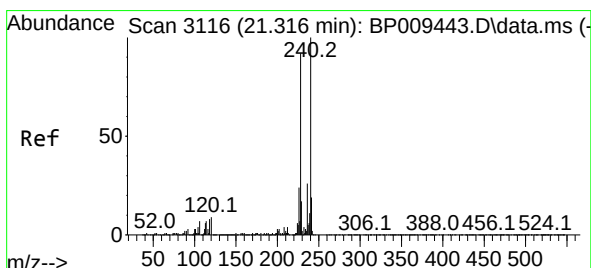
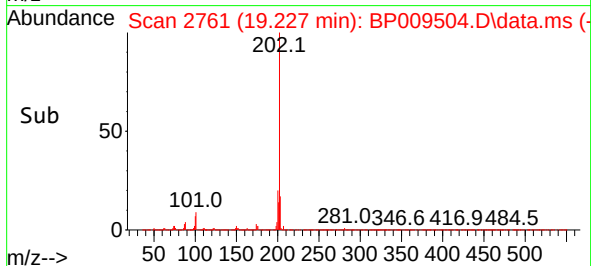
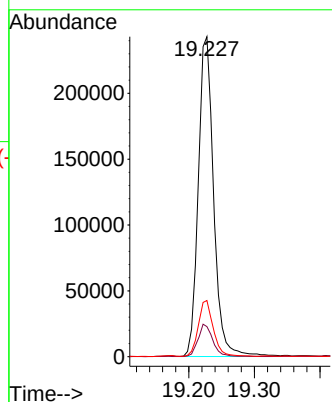
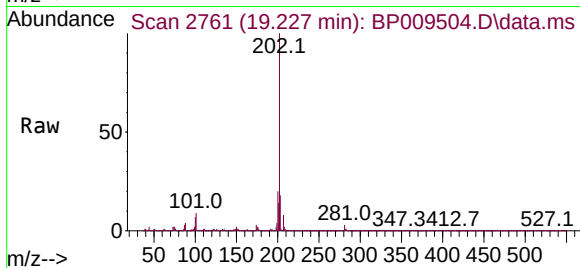
Tgt Ion:202 Resp: 396403

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.5

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

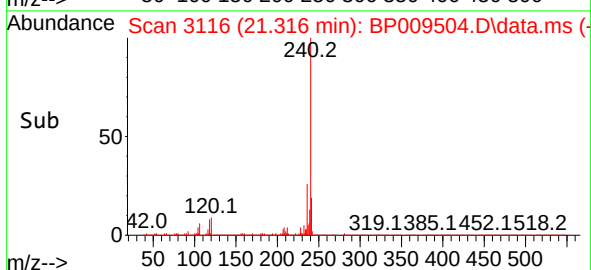
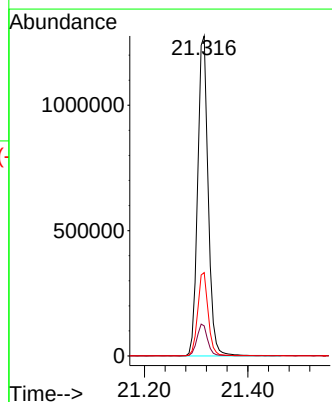
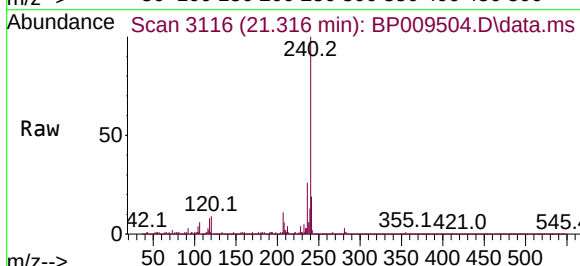
Tgt Ion:240 Resp: 1798398

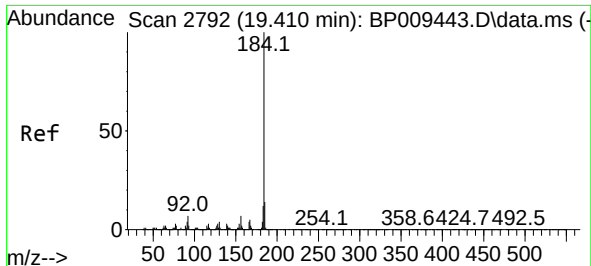
Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.4

236 26.0 20.6 30.8

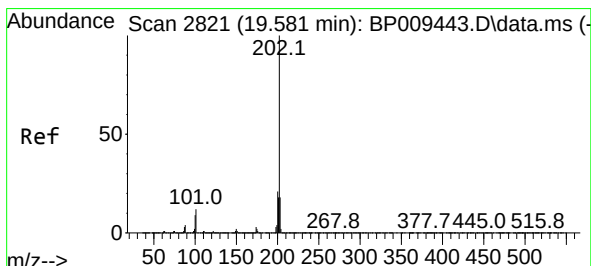
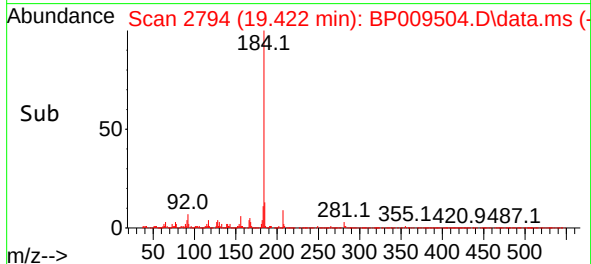
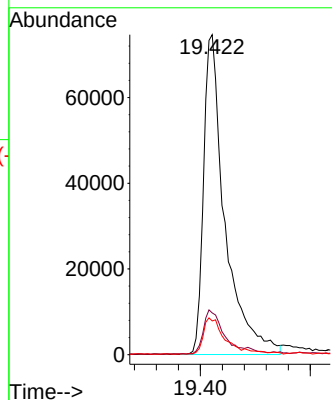
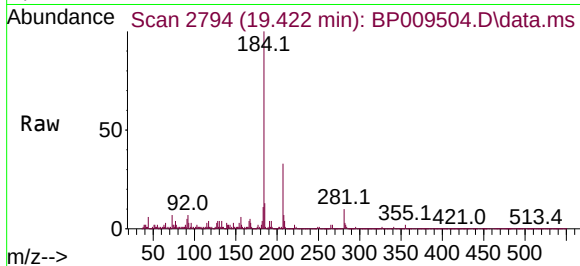




#77
Benzidine
Concen: 4.560 ng
RT: 19.422 min Scan# 2794
Delta R.T. 0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

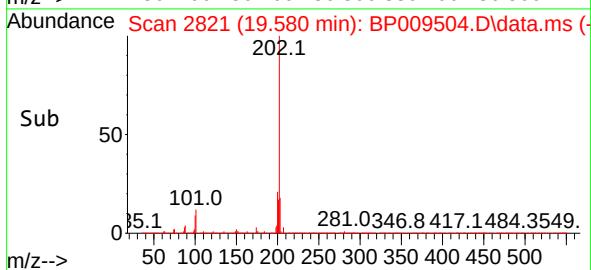
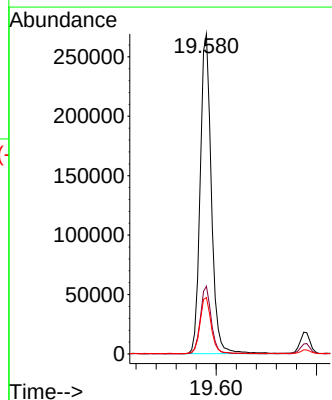
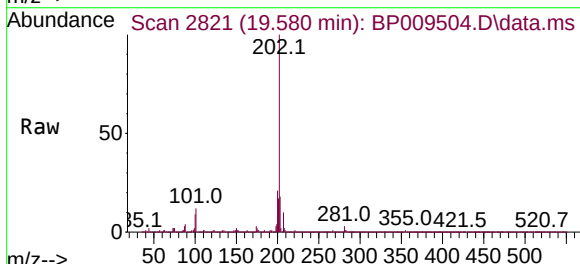
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

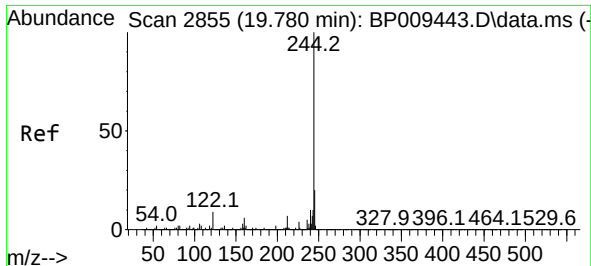
Tgt Ion:184 Resp: 200991
Ion Ratio Lower Upper
184 100
185 13.1 11.5 17.3
183 10.6 9.4 14.0



#78
Pyrene
Concen: 3.493 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:202 Resp: 414002
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.6 14.2 21.4

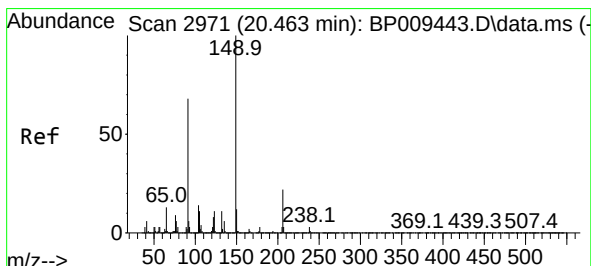
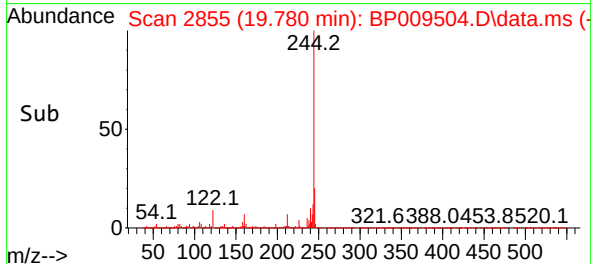
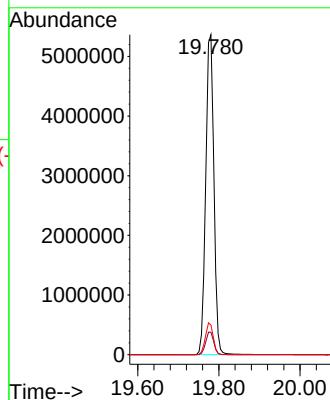
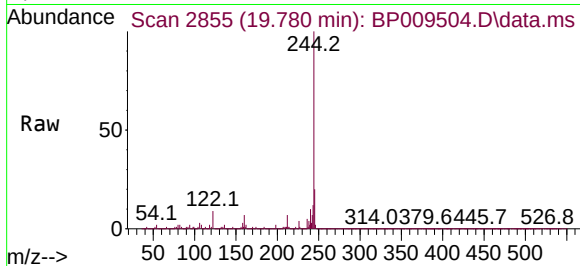




#79
 Terphenyl-d14
 Concen: 74.534 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

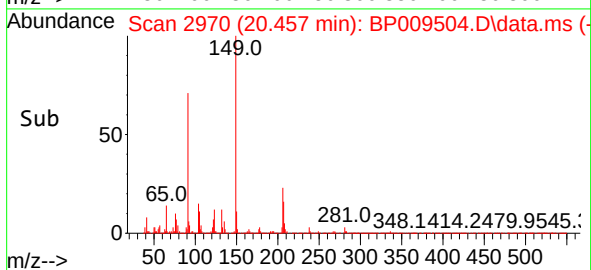
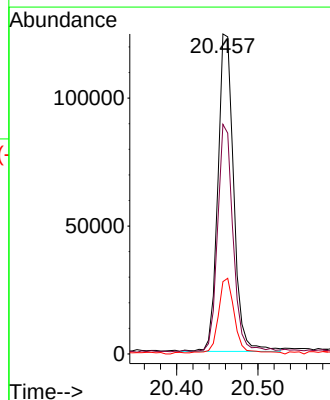
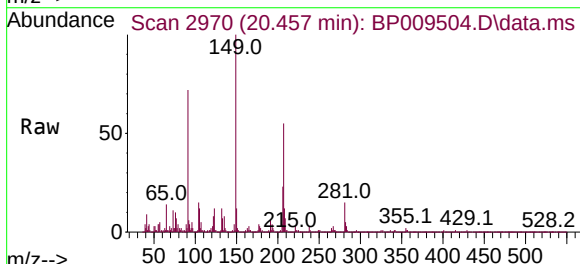
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

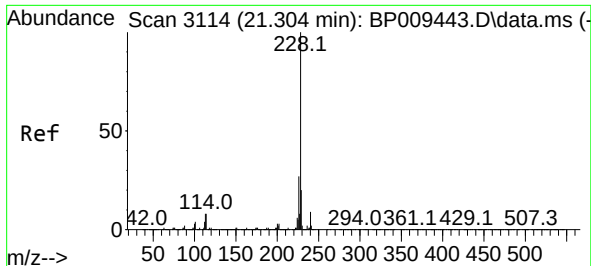
Tgt Ion:244 Resp: 7467933
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 3.351 ng
 RT: 20.457 min Scan# 2970
 Delta R.T. -0.006 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

Tgt Ion:149 Resp: 168805
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.9 86.9
 206 22.6 16.9 25.3

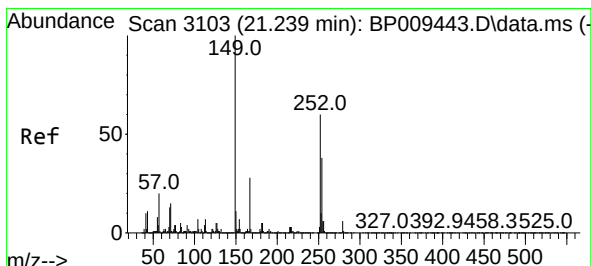
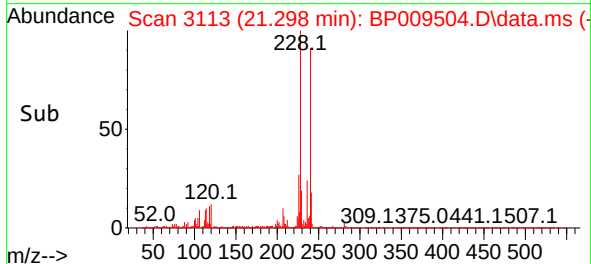
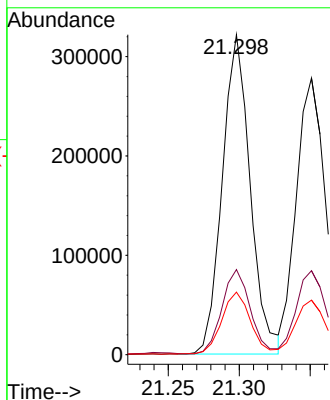
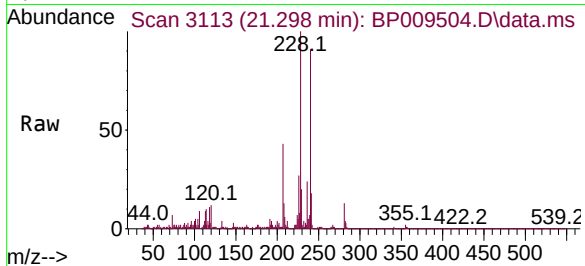




#81
Benzo(a)anthracene
Concen: 3.727 ng
RT: 21.298 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

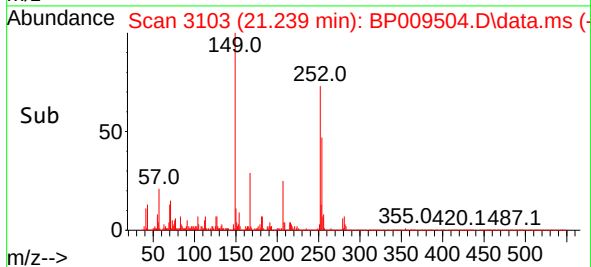
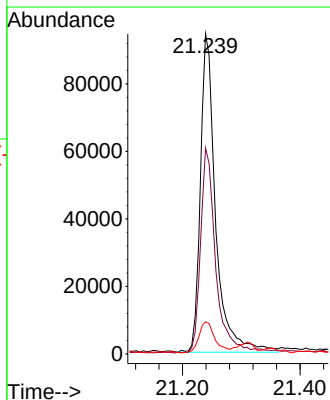
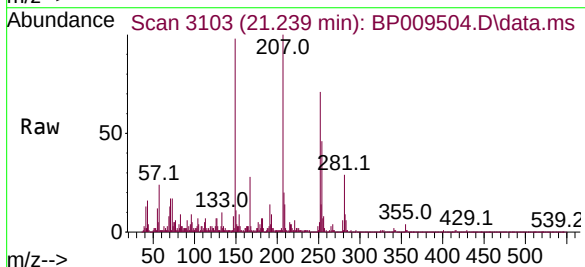
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

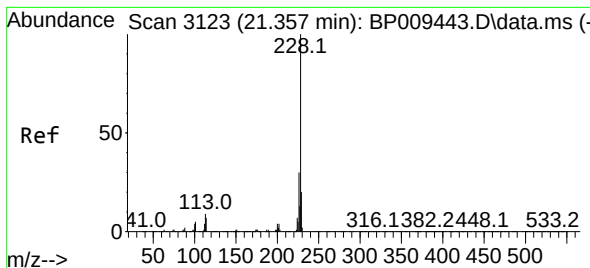
Tgt Ion:228 Resp: 440319
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 3.722 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:252 Resp: 169899
Ion Ratio Lower Upper
252 100
254 64.4 50.7 76.1
126 10.0 8.9 13.3





#83

Chrysene

Concen: 3.658 ng

RT: 21.351 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

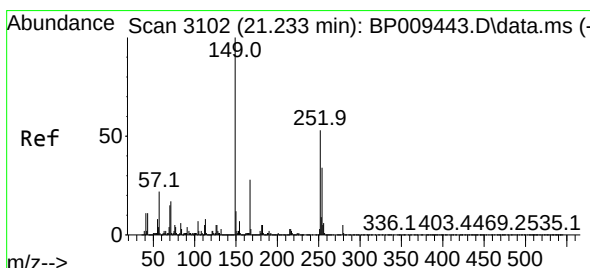
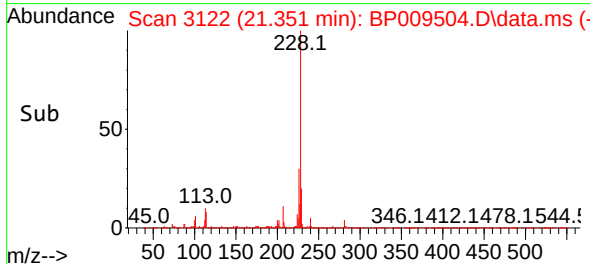
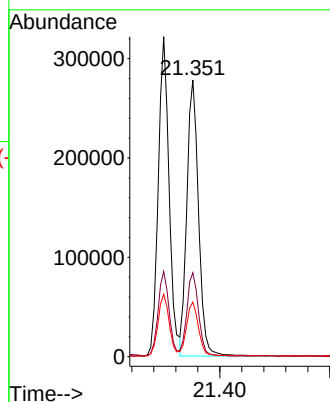
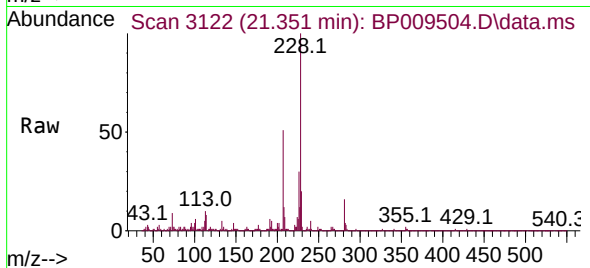
Tgt Ion:228 Resp: 409260

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.845 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

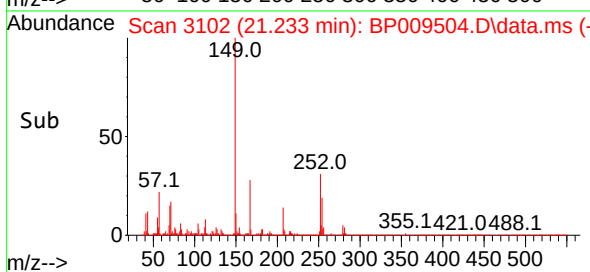
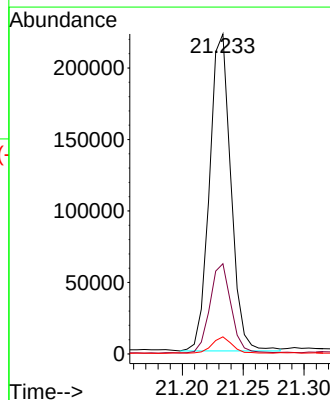
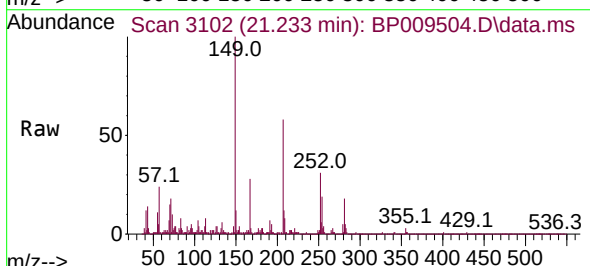
Tgt Ion:149 Resp: 269948

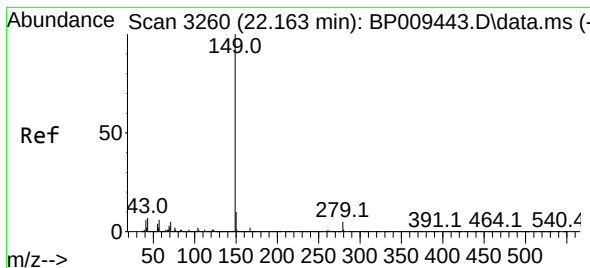
Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

279 5.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 3.851 ng

RT: 22.157 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

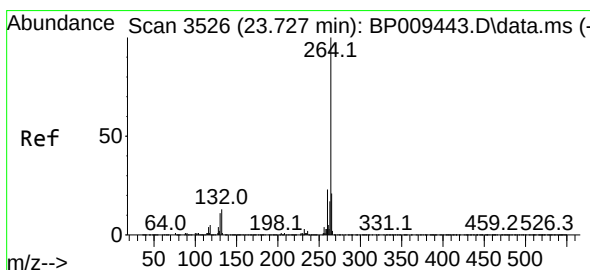
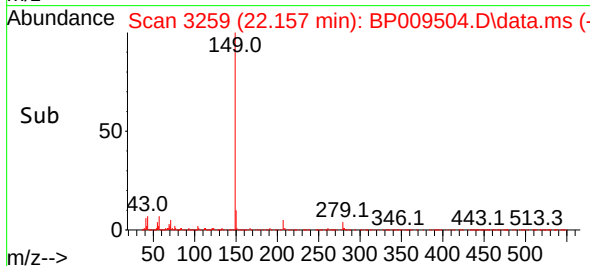
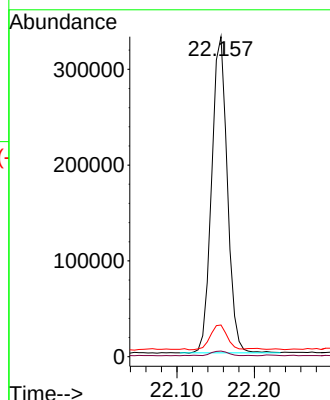
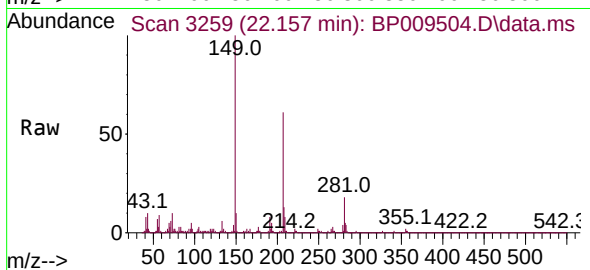
Tgt Ion:149 Resp: 466060

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

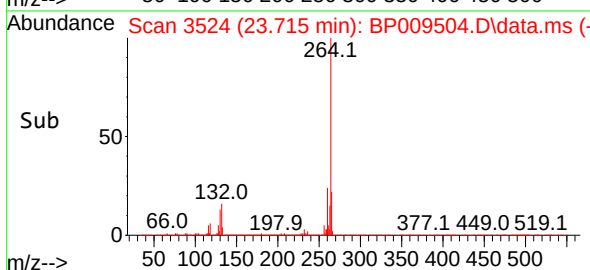
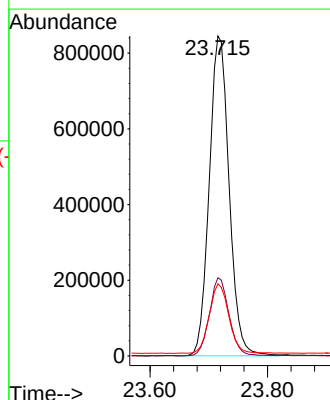
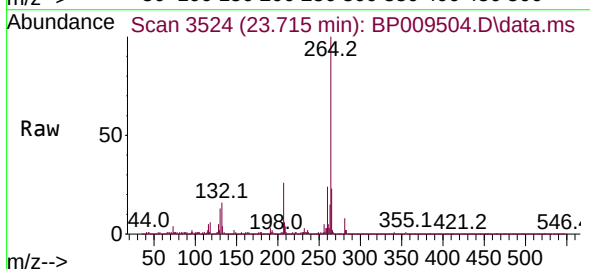
Tgt Ion:264 Resp: 1978280

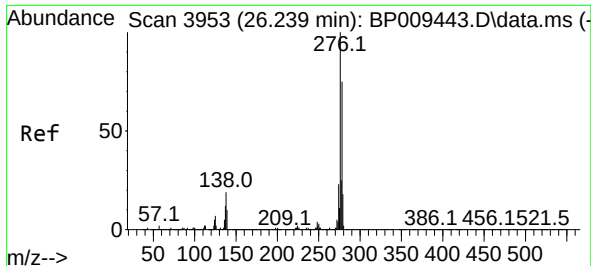
Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.6 17.2 25.8

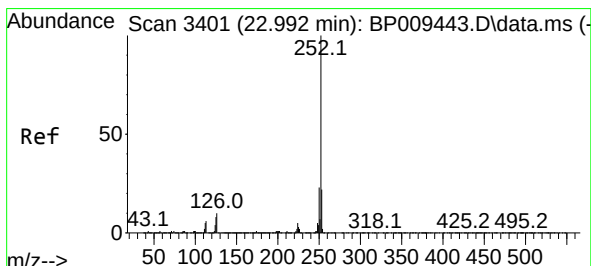
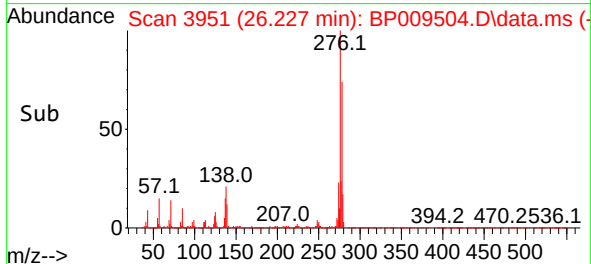
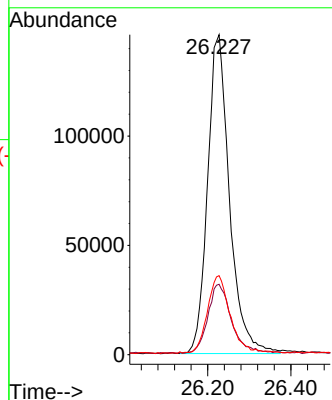
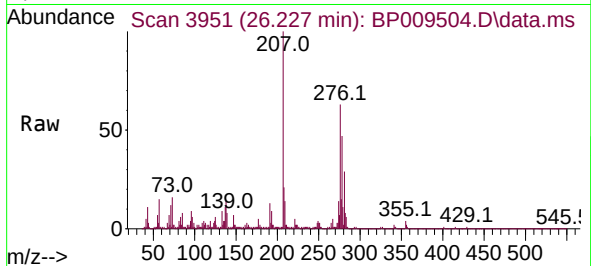




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.554 ng
 RT: 26.227 min Scan# 3951
 Delta R.T. -0.012 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

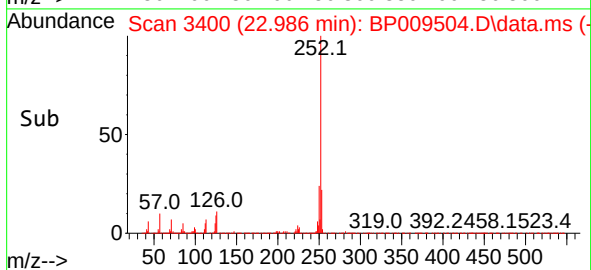
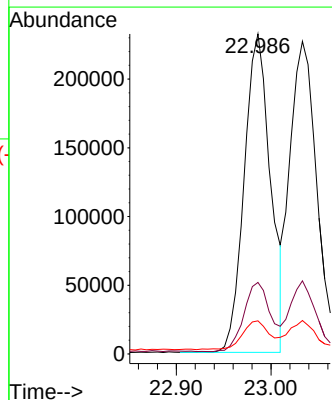
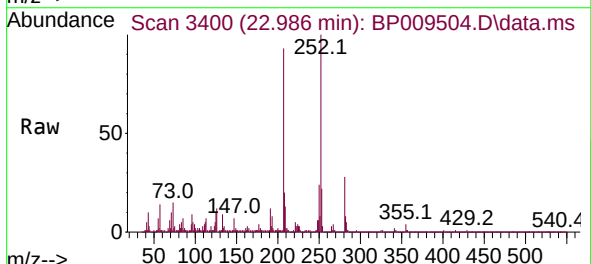
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

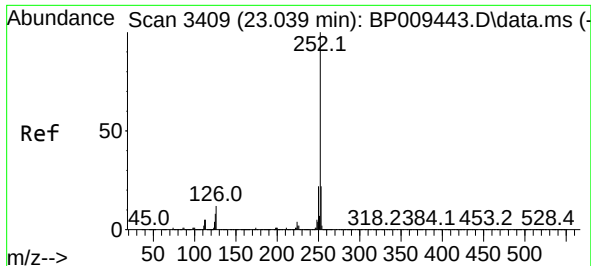
Tgt Ion:276 Resp: 533479
 Ion Ratio Lower Upper
 276 100
 138 23.2 20.5 30.7
 277 24.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 3.791 ng
 RT: 22.986 min Scan# 3400
 Delta R.T. -0.006 min
 Lab File: BP009504.D
 Acq: 23 Mar 2022 13:16

Tgt Ion:252 Resp: 447668
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 10.3 8.1 12.1

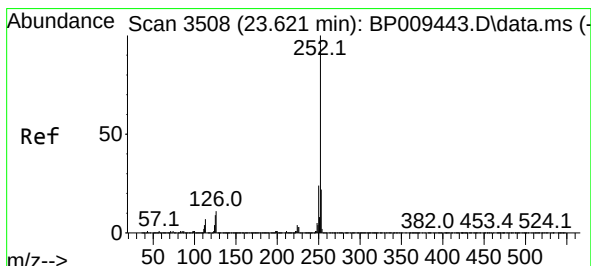
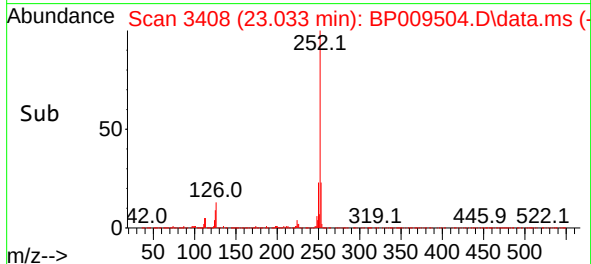
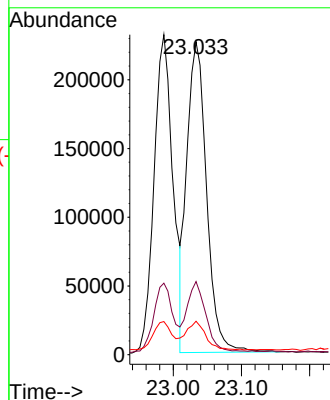
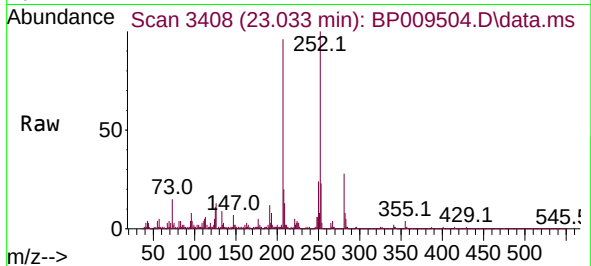




#89
Benzo(k)fluoranthene
Concen: 3.912 ng
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

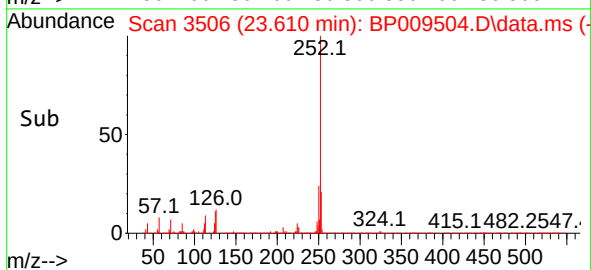
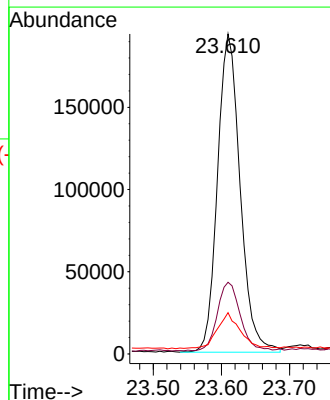
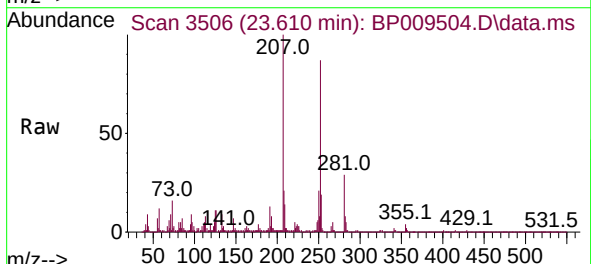
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

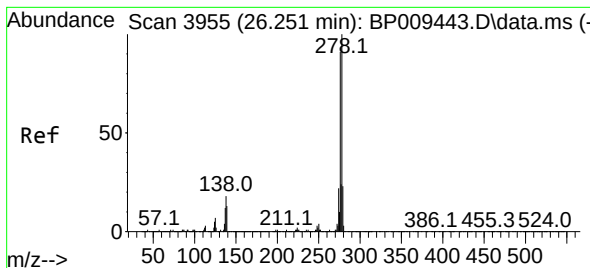
Tgt Ion:252 Resp: 452396
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.423 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009504.D
Acq: 23 Mar 2022 13:16

Tgt Ion:252 Resp: 446943
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.9 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 3.749 ng

RT: 26.239 min Scan# 3955

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

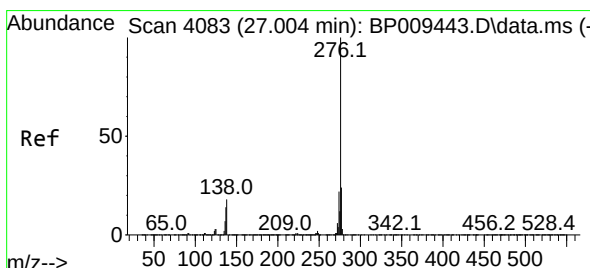
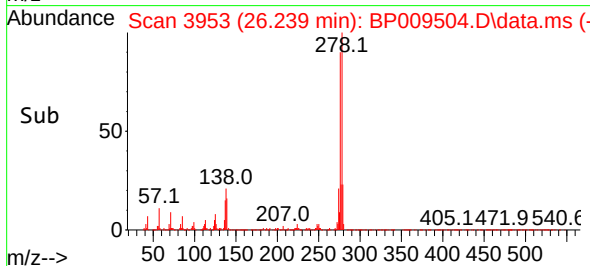
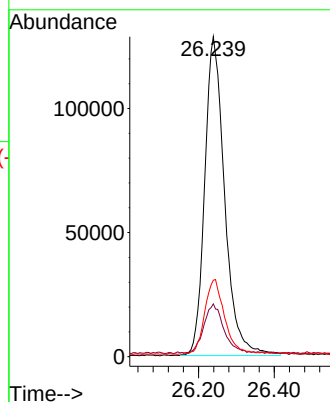
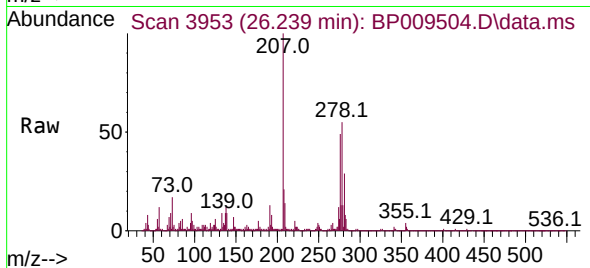
Tgt Ion:278 Resp: 468895

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.760 ng

RT: 26.992 min Scan# 4081

Delta R.T. -0.012 min

Lab File: BP009504.D

Acq: 23 Mar 2022 13:16

Tgt Ion:276 Resp: 462663

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 20.0 18.0 27.0

