

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101419.D
 Acq On : 30 Oct 2024 11:47
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 30 12:35:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	168895	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	843710	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	621306	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1430016	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1575417	20.000	ng	0.00
86) Perylene-d12	23.363	264	1898815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	1174431	121.874	ng	0.00
7) Phenol-d6	6.947	99	1678811	125.641	ng	0.00
23) Nitrobenzene-d5	8.781	82	1231048	91.644	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1402912	128.832	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3156996	86.052	ng	0.00
79) Terphenyl-d14	19.509	244	4733219	69.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	30127	8.382	ng	99
3) Pyridine	3.716	79	65820	6.473	ng	93
4) n-Nitrosodimethylamine	3.593	42	31775	8.076	ng	# 92
6) Aniline	7.012	93	122093	11.923	ng	99
8) 2-Chlorophenol	7.212	128	99479	8.607	ng	97
9) Benzaldehyde	6.783	77	76196	11.813	ng	97
10) Phenol	6.971	94	111249	7.673	ng	93
11) bis(2-Chloroethyl)ether	7.012	93	122093	10.266	ng	# 31
12) 1,3-Dichlorobenzene	7.459	146	104263	8.366	ng	99
13) 1,4-Dichlorobenzene	7.605	146	103812	8.157	ng	98
14) 1,2-Dichlorobenzene	7.934	146	103494	8.308	ng	98
15) Benzyl Alcohol	7.911	79	79450	9.975	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.070	45	140296	9.373	ng	100
17) 2-Methylphenol	8.152	107	74909	7.634	ng	98
18) Hexachloroethane	8.628	117	34807	8.375	ng	98
19) n-Nitroso-di-n-propyla...	8.369	70	80655	9.096	ng	99
20) 3+4-Methylphenols	8.487	107	104181	7.692	ng	98
22) Acetophenone	8.422	105	166398	8.686	ng	# 98
24) Nitrobenzene	8.822	77	119253	8.341	ng	99
25) Isophorone	9.274	82	225191	8.591	ng	98
26) 2-Nitrophenol	9.509	139	55414	8.019	ng	96
27) 2,4-Dimethylphenol	9.627	122	48051	5.526	ng	97
28) bis(2-Chloroethoxy)met...	9.774	93	133305	8.386	ng	99
29) 2,4-Dichlorophenol	10.056	162	96165	7.994	ng	99
30) 1,2,4-Trichlorobenzene	10.185	180	106387	8.118	ng	99
31) Naphthalene	10.385	128	352766	8.205	ng	100
32) Benzoic acid	9.826	122	28699	10.875	ng	98
33) 4-Chloroaniline	10.614	127	138252	9.247	ng	98
34) Hexachlorobutadiene	10.637	225	60881	7.849	ng	97
35) Caprolactam	11.383	113	31947	6.928	ng	93
36) 4-Chloro-3-methylphenol	11.783	107	104488	7.629	ng	97
37) 2-Methylnaphthalene	11.977	142	259784	8.387	ng	100
38) 1-Methylnaphthalene	12.200	142	241600	7.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.329	216	129406	8.297	ng	99
41) Hexachlorocyclopentadiene	12.318	237	23968	4.653	ng	97
43) 2,4,6-Trichlorophenol	12.653	196	85145	7.919	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101419.D
 Acq On : 30 Oct 2024 11:47
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 30 12:35:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

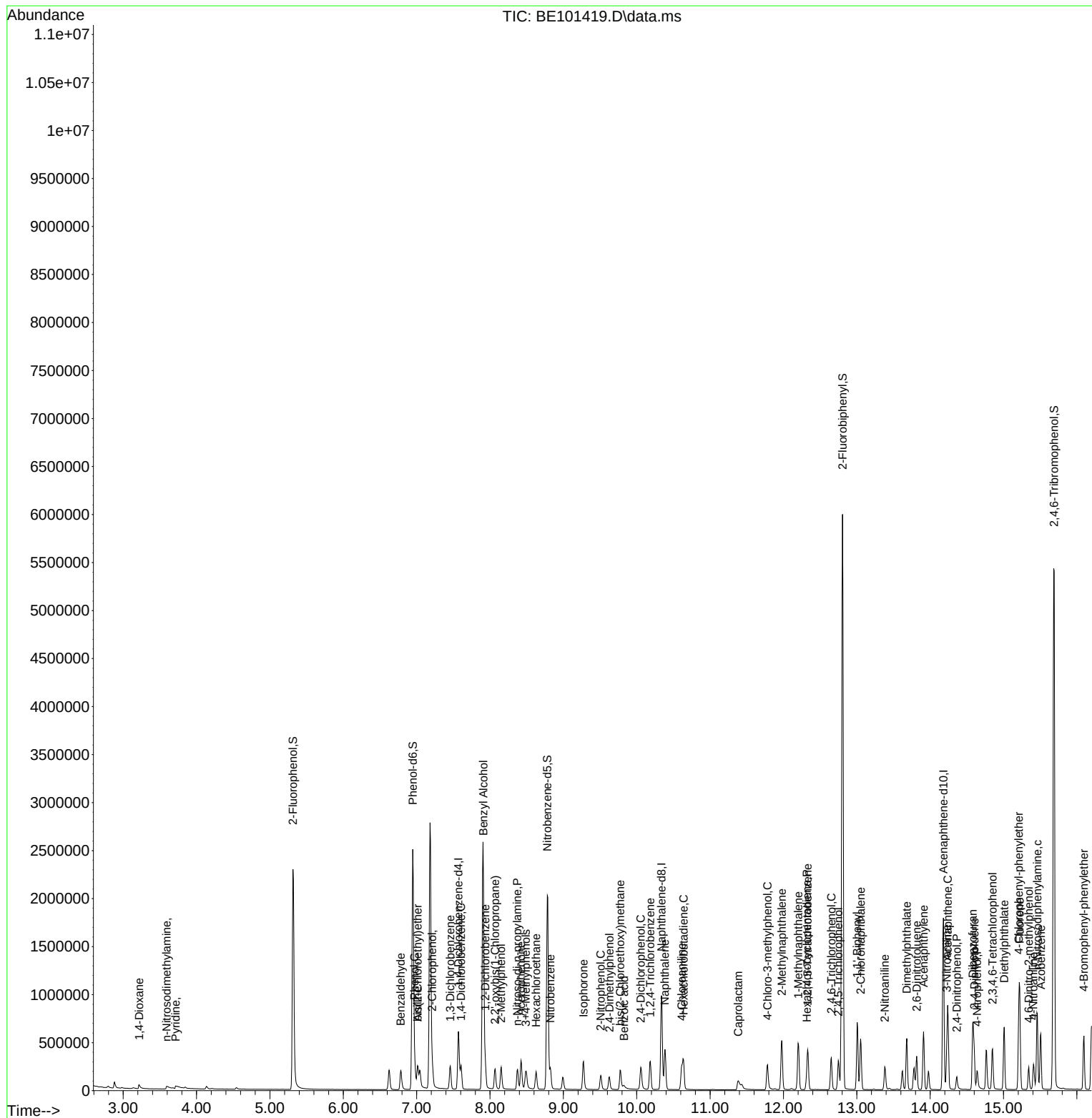
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.746	196	94943	7.711	ng	97
46) 1,1'-Biphenyl	13.005	154	367969	8.645	ng	99
47) 2-Chloronaphthalene	13.052	162	272071	8.090	ng	99
48) 2-Nitroaniline	13.381	65	67973	7.510	ng	96
49) Acenaphthylene	13.910	152	443287	8.913	ng	99
50) Dimethylphthalate	13.681	163	368902	8.412	ng	99
51) 2,6-Dinitrotoluene	13.816	165	76180	7.524	ng	97
52) Acenaphthene	14.239	154	265178	8.166	ng	100
53) 3-Nitroaniline	14.227	138	81590	8.104	ng	98
54) 2,4-Dinitrophenol	14.362	184	34264	10.045	ng	98
55) Dibenzofuran	14.580	168	443467	8.568	ng	98
56) 4-Nitrophenol	14.638	139	62870	6.819	ng	98
57) 2,4-Dinitrotoluene	14.603	165	104109	7.469	ng	98
58) Fluorene	15.220	166	359613	8.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.850	232	92574	8.137	ng	99
60) Diethylphthalate	15.009	149	377401	8.227	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	177453	8.259	ng	97
62) 4-Nitroaniline	15.408	138	84646	7.555	ng	99
63) Azobenzene	15.508	77	331947	8.419	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	53467	6.363	ng	99
66) n-Nitrosodiphenylamine	15.461	169	316659	8.350	ng	99
67) 4-Bromophenyl-phenylether	16.096	248	122818	8.165	ng	97
68) Hexachlorobenzene	16.201	284	155930	7.908	ng	95
69) Atrazine	16.389	200	117872	10.139	ng	99
70) Pentachlorophenol	16.607	266	78824	6.945	ng	97
71) Phenanthrene	16.953	178	595123	8.692	ng	97
72) Anthracene	17.041	178	558821	8.359	ng	98
73) Carbazole	17.371	167	575845	8.418	ng	97
74) Di-n-butylphthalate	17.823	149	663368	8.809	ng	97
75) Fluoranthene	18.957	202	718007	8.634	ng	97
77) Benzidine	19.215	184	198598	9.933	ng	99
78) Pyrene	19.327	202	777187	8.971	ng	95
80) Butylbenzylphthalate	20.179	149	334178	8.799	ng	97
81) Benzo(a)anthracene	21.054	228	829381	9.366	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	298510	8.606	ng	100
83) Chrysene	21.107	228	801049	9.356	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	447585	8.871	ng	97
85) Di-n-octyl phthalate	21.730	149	770657	9.306	ng	99
87) Indeno(1,2,3-cd)pyrene	25.667	276	1142319	8.989	ng	99
88) Benzo(b)fluoranthene	22.647	252	877663	8.869	ng	97
89) Benzo(k)fluoranthene	22.694	252	878942	9.507	ng	96
90) Benzo(a)pyrene	23.246	252	800650	9.252	ng	99
91) Dibenzo(a,h)anthracene	25.661	278	932736	8.883	ng	99
92) Benzo(g,h,i)perylene	26.413	276	873792	8.076	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101419.D
Acq On : 30 Oct 2024 11:47
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL 8 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

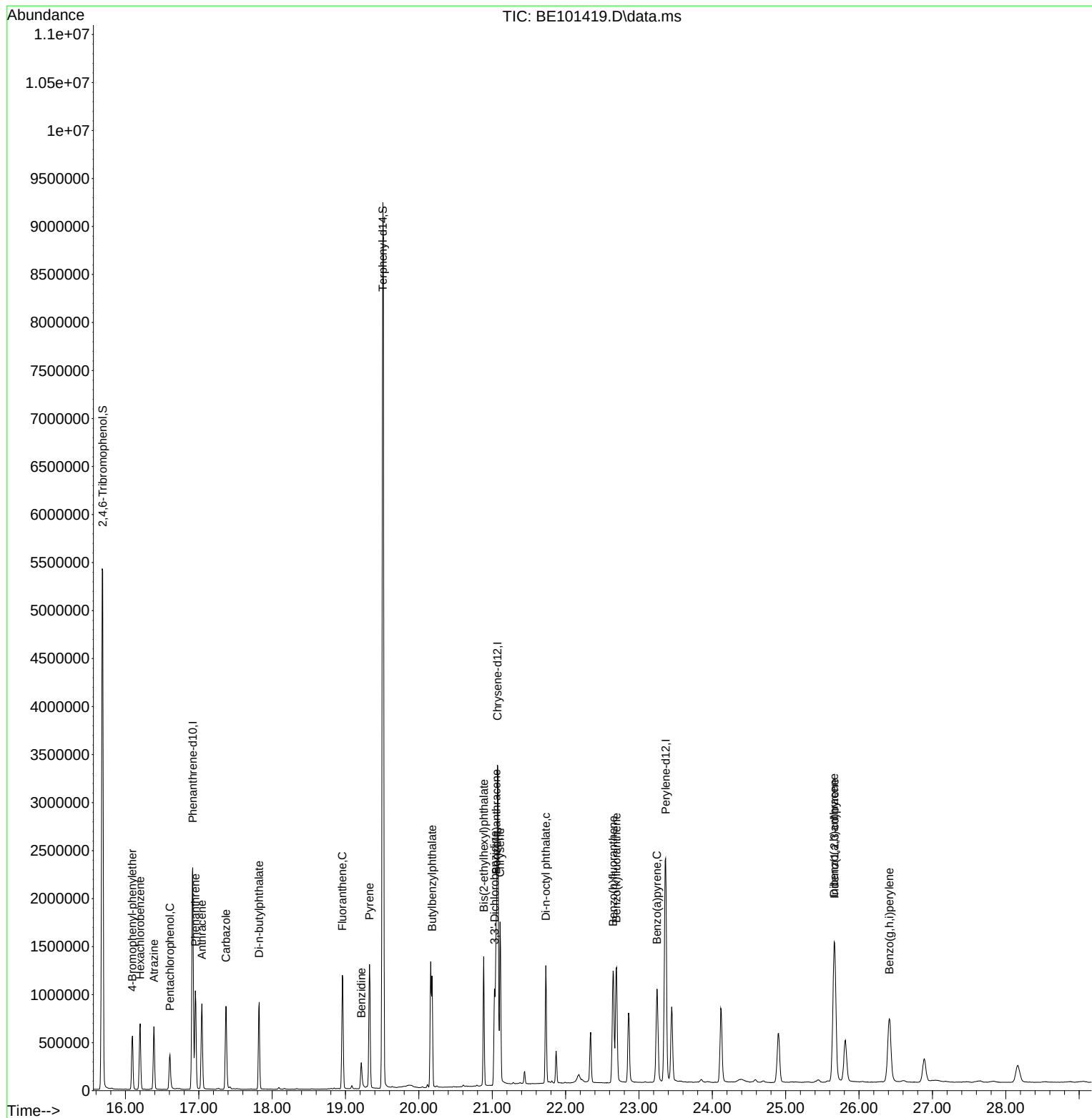
Quant Time: Oct 30 12:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

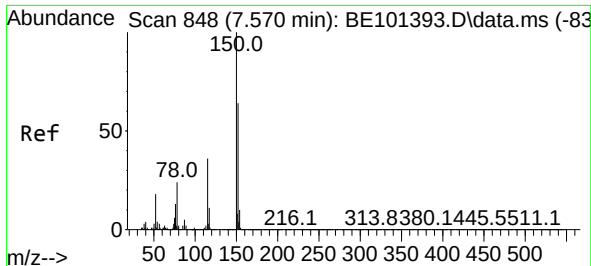


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101419.D
Acq On : 30 Oct 2024 11:47
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL 8 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

Quant Time: Oct 30 12:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

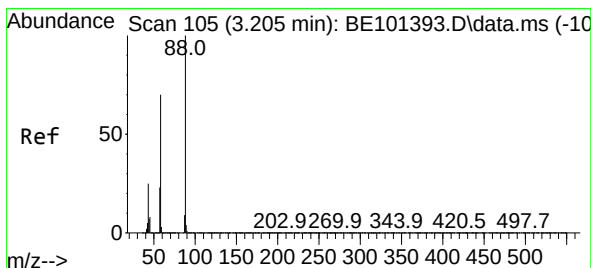
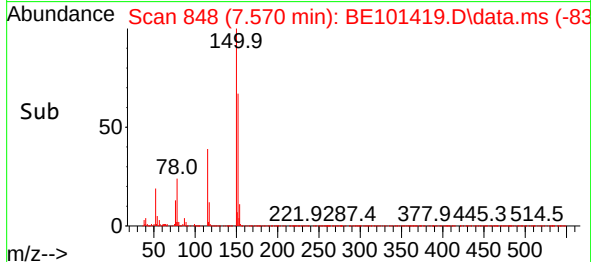
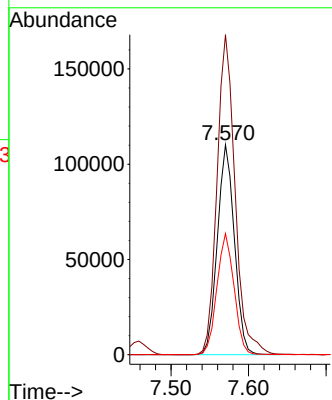
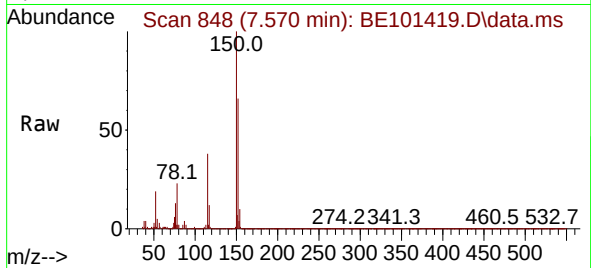




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. 0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

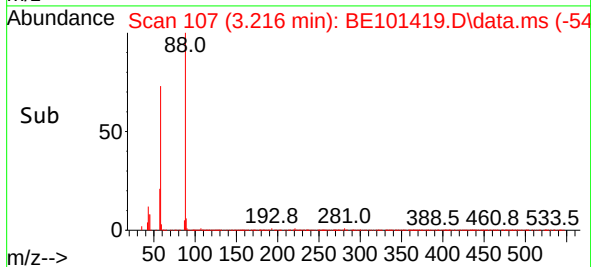
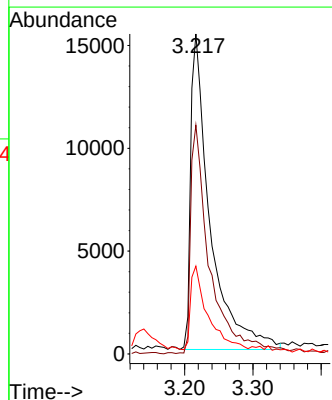
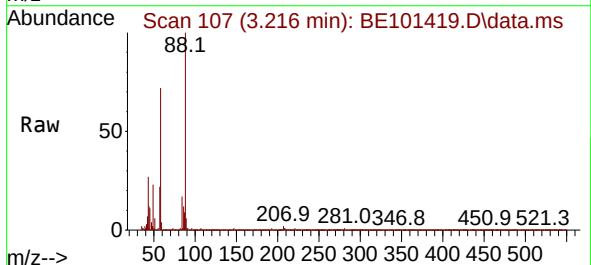
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

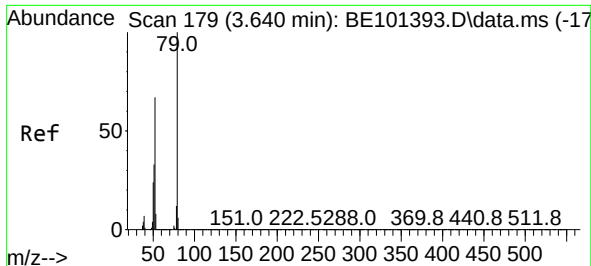
Tgt Ion:152 Resp: 168895
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.4
115 57.7 45.3 67.9



#2
1,4-Dioxane
Concen: 8.382 ng
RT: 3.216 min Scan# 107
Delta R.T. 0.011 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 88 Resp: 30127
Ion Ratio Lower Upper
88 100
58 70.9 56.5 84.7
43 23.3 19.8 29.8

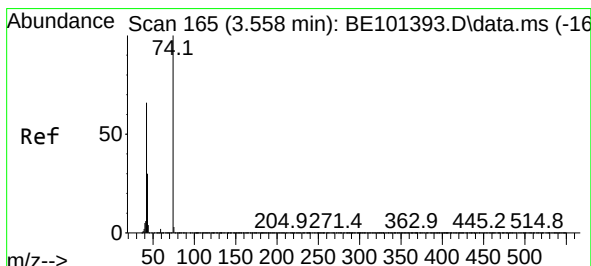
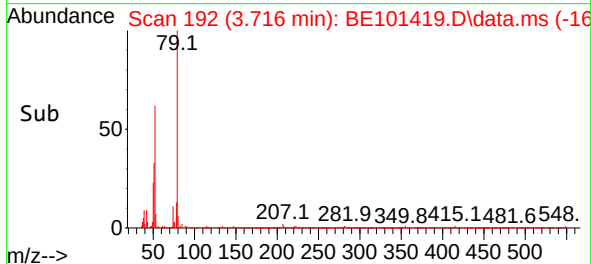
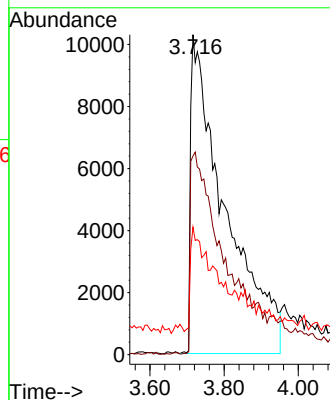
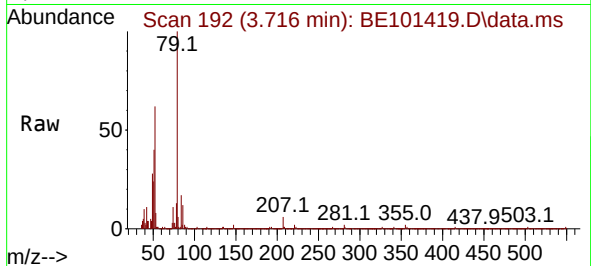




#3
Pyridine
Concen: 6.473 ng
RT: 3.716 min Scan# 11
Delta R.T. 0.076 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

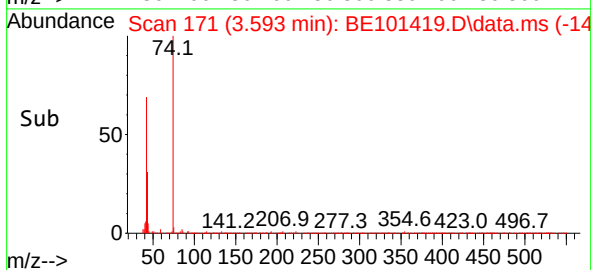
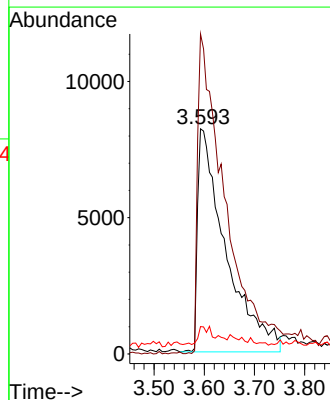
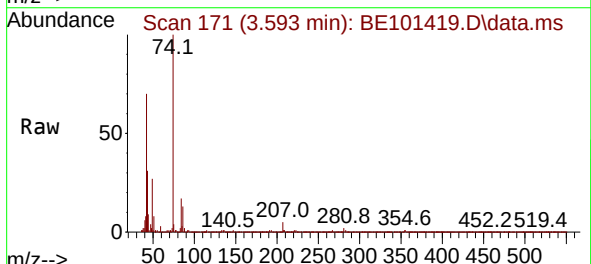
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

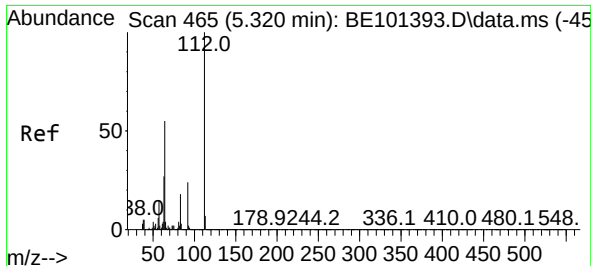
Tgt Ion: 79 Resp: 65820
Ion Ratio Lower Upper
79 100
52 62.1 53.3 79.9
51 39.9 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 8.076 ng
RT: 3.593 min Scan# 171
Delta R.T. 0.035 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 42 Resp: 31775
Ion Ratio Lower Upper
42 100
74 142.1 121.4 182.0
44 12.2 5.6 8.4

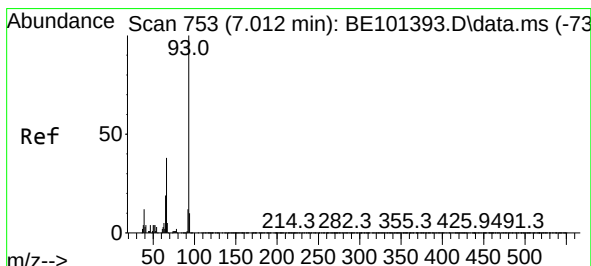
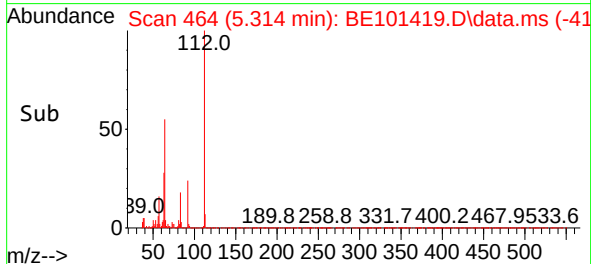
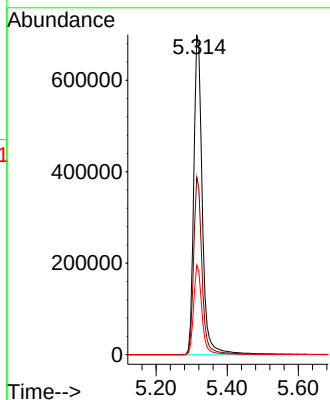
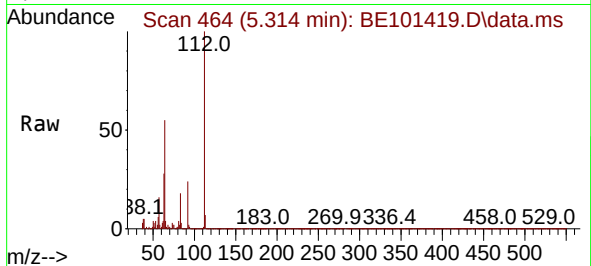




#5
2-Fluorophenol
Concen: 121.874 ng
RT: 5.314 min Scan# 465
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

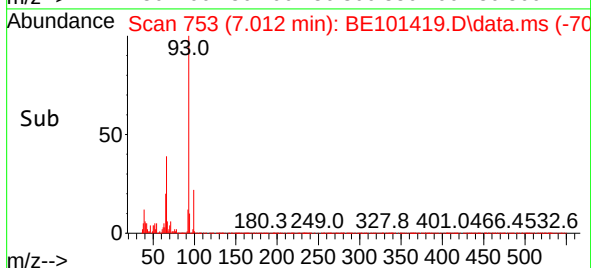
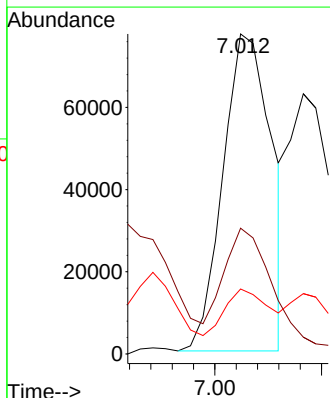
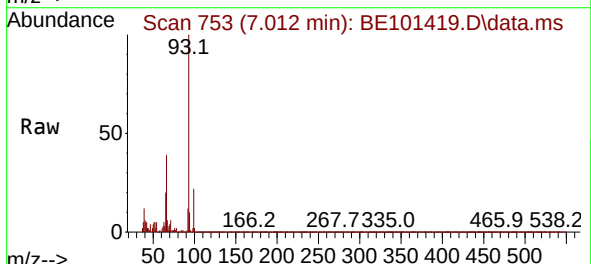
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

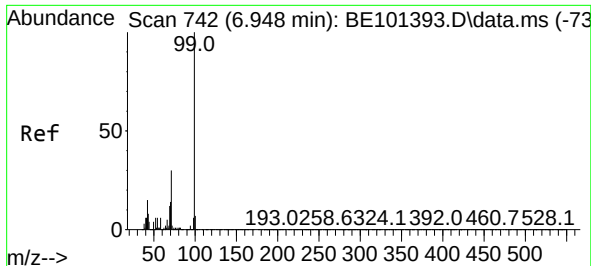
Tgt Ion:112 Resp: 1174431
Ion Ratio Lower Upper
112 100
64 55.5 43.7 65.5
63 27.9 21.4 32.2



#6
Aniline
Concen: 11.923 ng
RT: 7.012 min Scan# 753
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 93 Resp: 122093
Ion Ratio Lower Upper
93 100
66 39.3 31.0 46.4
65 20.3 15.5 23.3



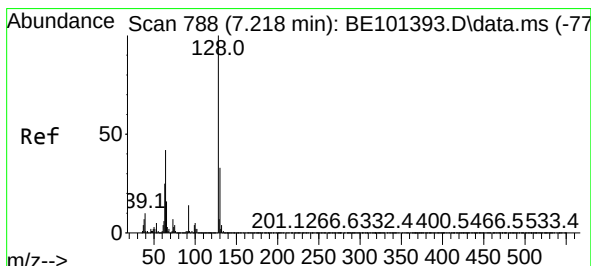
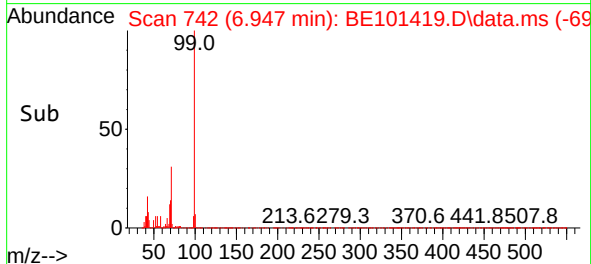
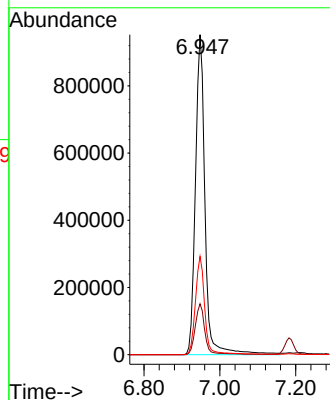
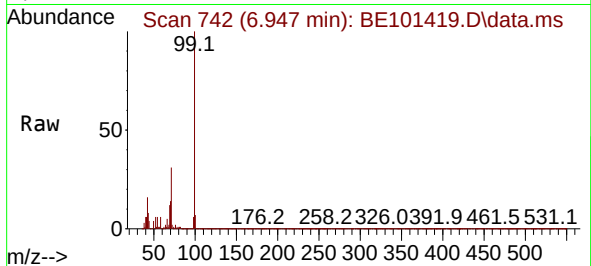


#7
Phenol-d6
Concen: 125.641 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 99 Resp: 1678811

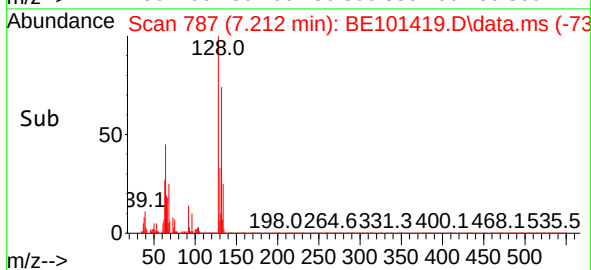
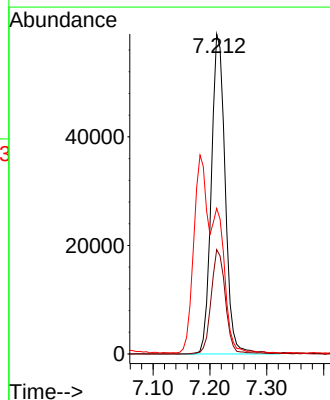
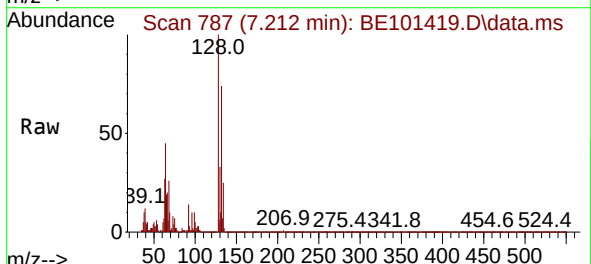
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.3	18.5
71	30.7	23.8	35.8

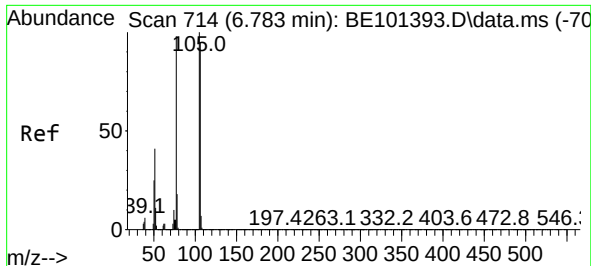


#8
2-Chlorophenol
Concen: 8.607 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 128 Resp: 99479

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.5	22.3	62.3

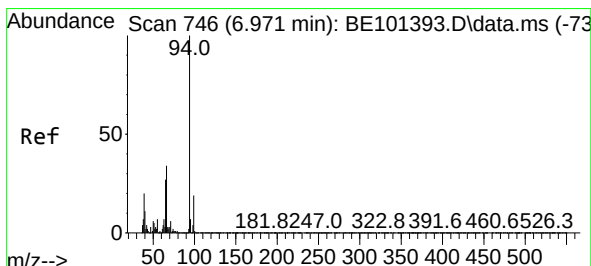
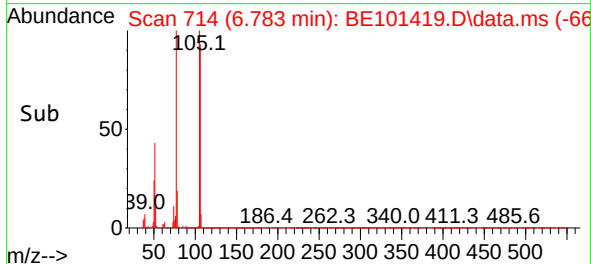
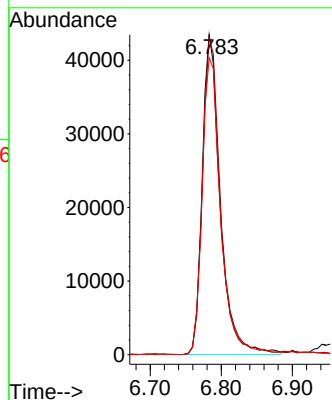
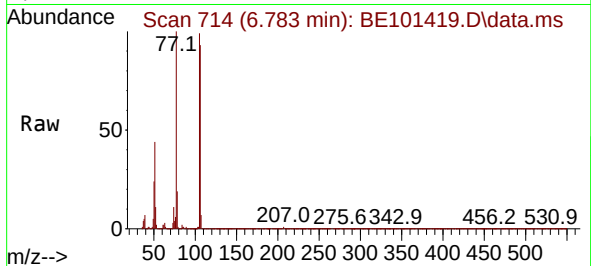




#9
Benzaldehyde
Concen: 11.813 ng
RT: 6.783 min Scan# 714
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

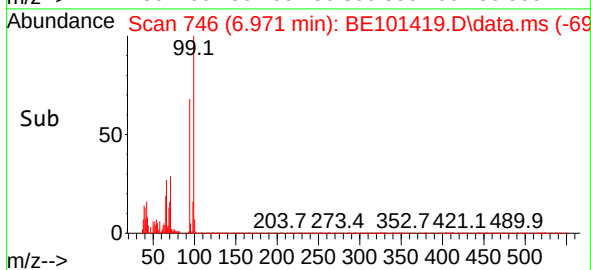
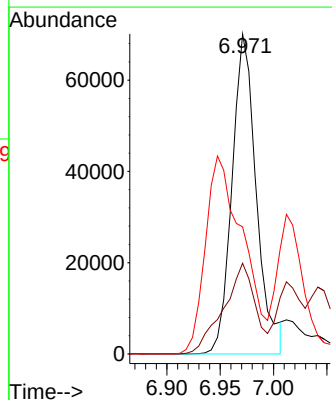
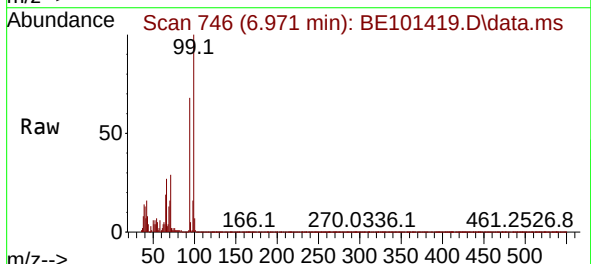
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

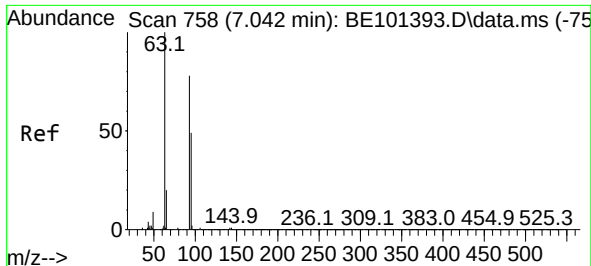
Tgt Ion:	77	Resp:	76196
Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.9	121.9
106	92.8	76.5	116.5



#10
Phenol
Concen: 7.673 ng
RT: 6.971 min Scan# 746
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	94	Resp:	111249
Ion	Ratio	Lower	Upper
94	100		
65	28.3	6.8	46.8
66	39.7	14.0	54.0

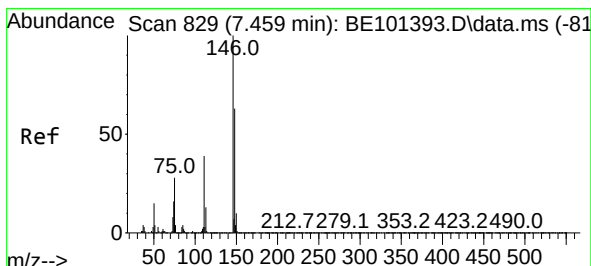
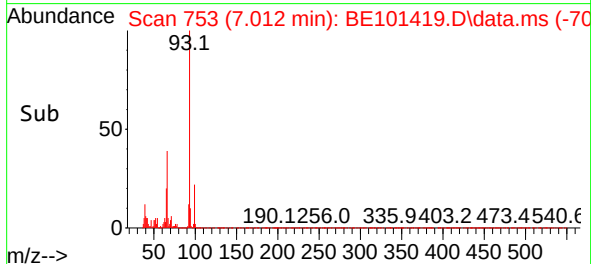
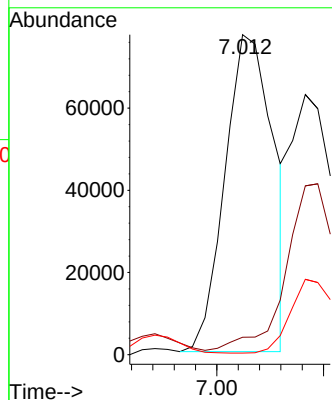
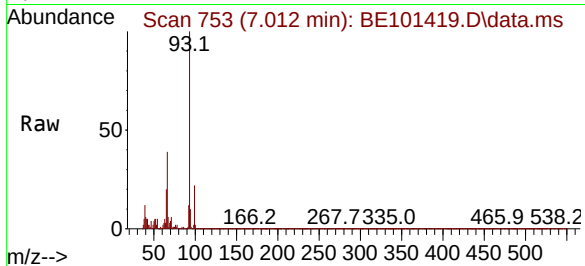




#11
bis(2-Chloroethyl)ether
Concen: 10.266 ng
RT: 7.012 min Scan# 71
Delta R.T. -0.030 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

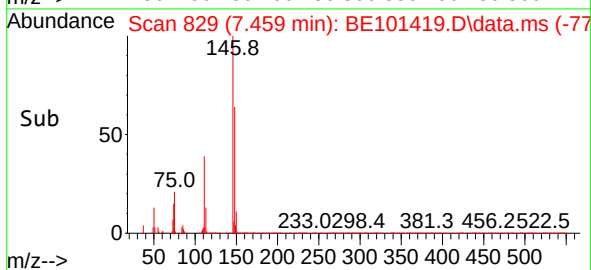
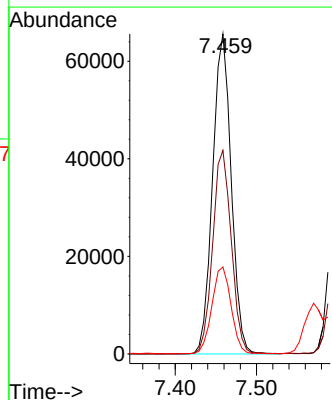
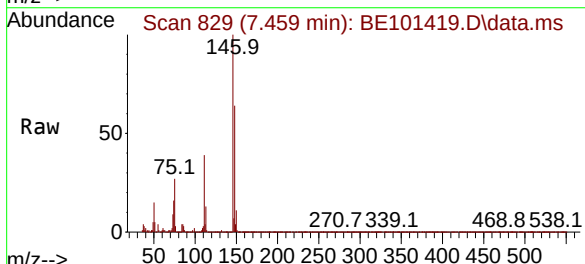
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

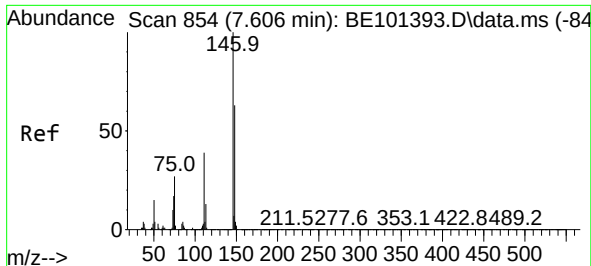
Tgt Ion: 93 Resp: 122093
Ion Ratio Lower Upper
93 100
63 5.4 46.3 86.3#
95 0.5 9.6 49.6#



#12
1,3-Dichlorobenzene
Concen: 8.366 ng
RT: 7.459 min Scan# 829
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:146 Resp: 104263
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 27.2 22.0 33.0

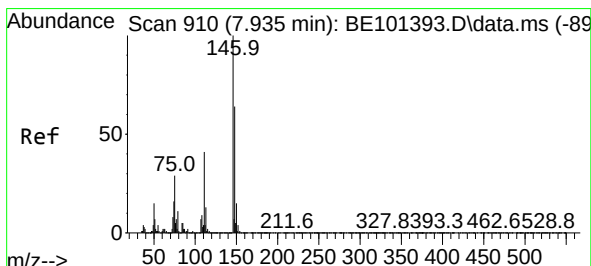
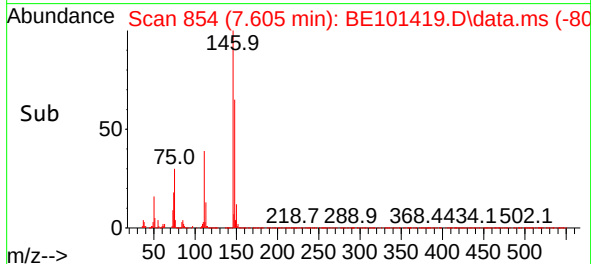
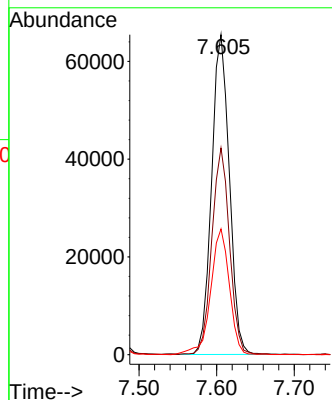
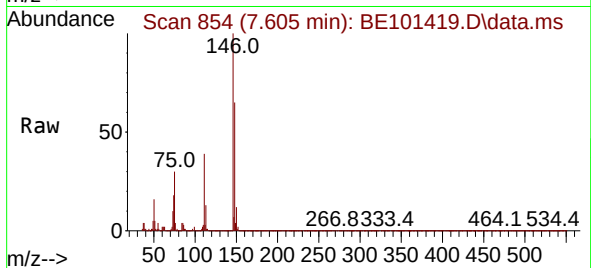




#13
1,4-Dichlorobenzene
Concen: 8.157 ng
RT: 7.605 min Scan# 811
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

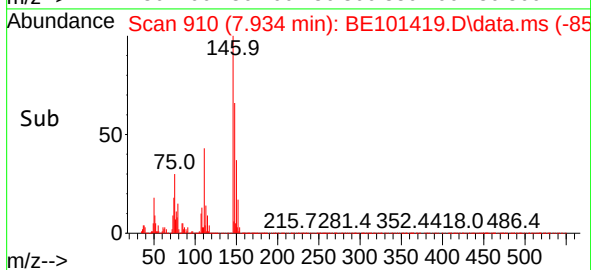
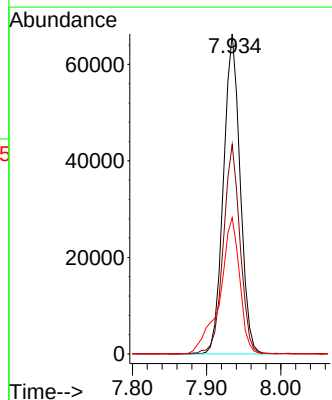
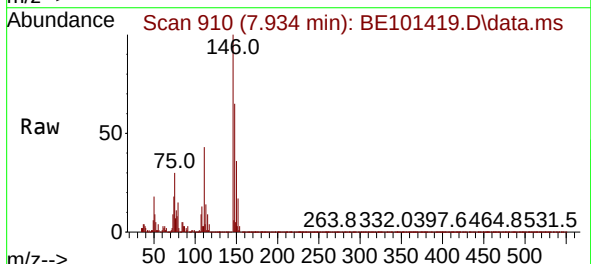
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

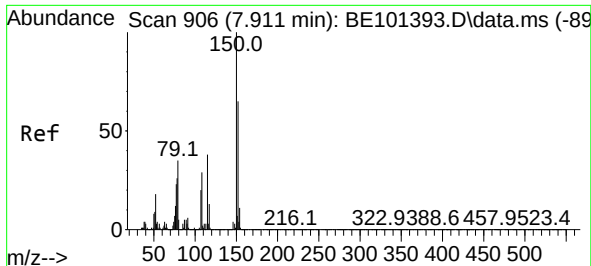
Tgt Ion:146 Resp: 103812
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.2
111 39.3 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 8.308 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:146 Resp: 103494
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
111 42.6 32.8 49.2

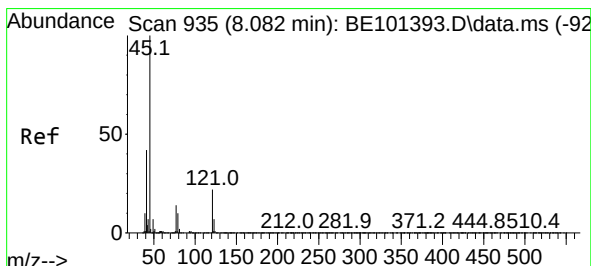
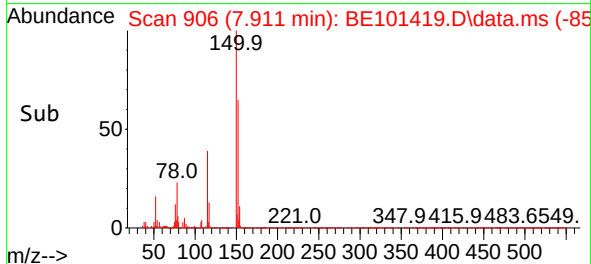
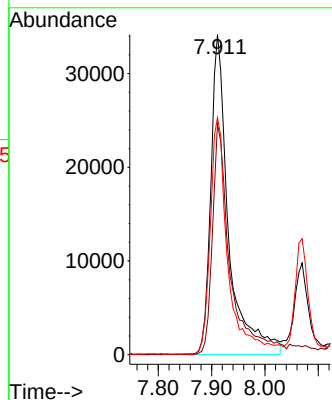
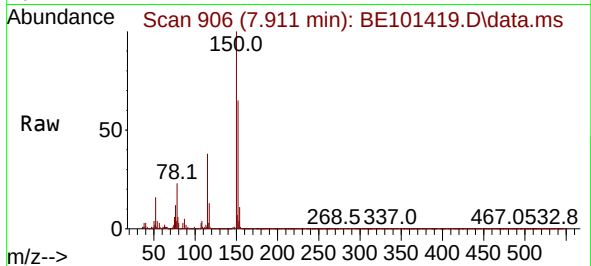




#15
Benzyl Alcohol
Concen: 9.975 ng
RT: 7.911 min Scan# 906
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

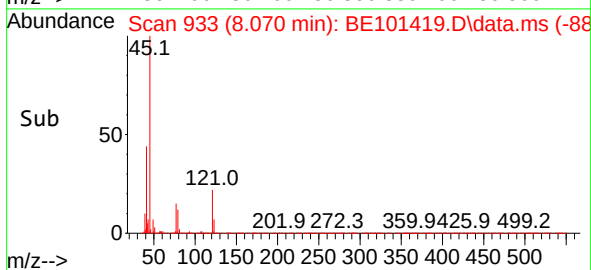
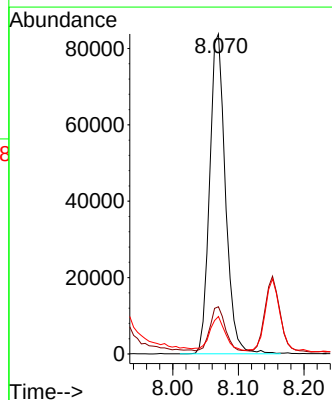
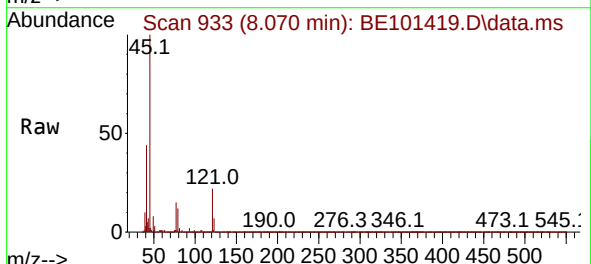
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

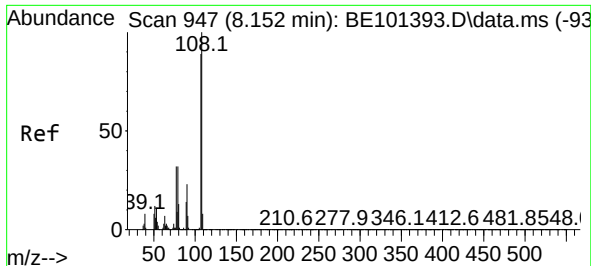
Tgt Ion:	79	Resp:	79450
Ion	Ratio	Lower	Upper
79	100		
108	72.1	66.1	99.1
77	74.1	53.1	79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.373 ng
RT: 8.070 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	45	Resp:	140296
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.5
79	11.7	0.0	31.8

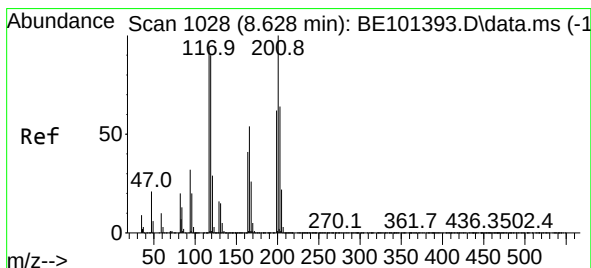
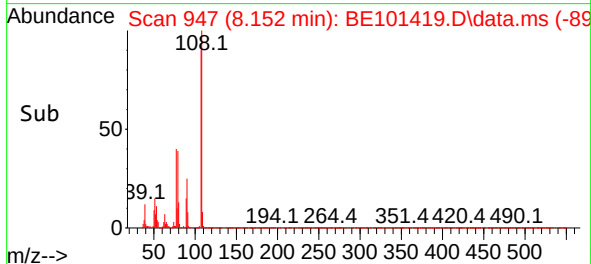
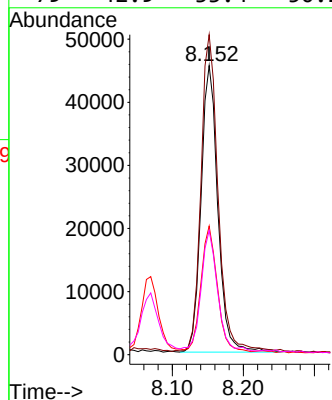
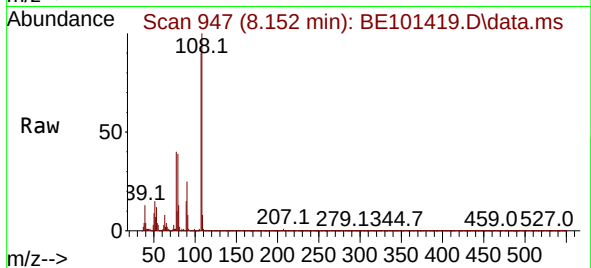




#17
2-Methylphenol
Concen: 7.634 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

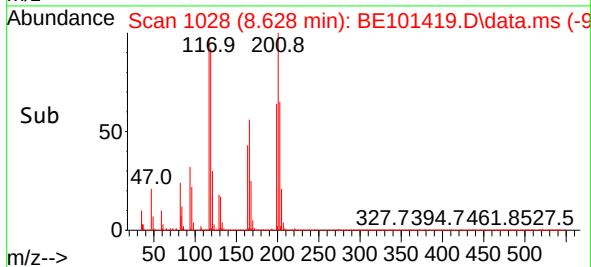
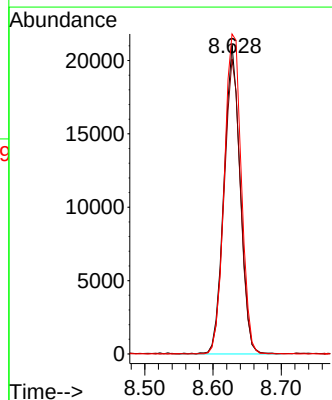
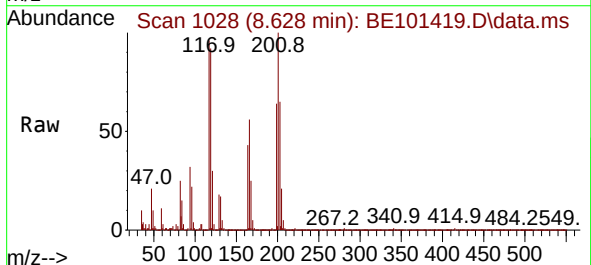
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

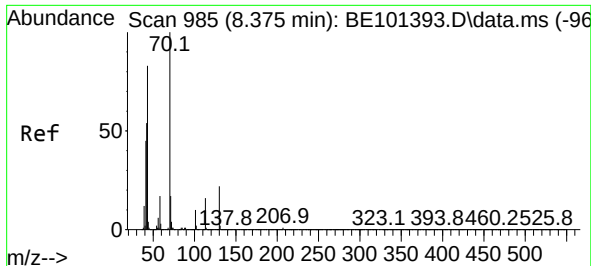
Tgt Ion:	107	Resp:	74909
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.0	135.0
77	44.5	34.2	51.4
79	42.9	33.4	50.2



#18
Hexachloroethane
Concen: 8.375 ng
RT: 8.628 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	117	Resp:	34807
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.0	115.4
201	103.7	85.3	127.9

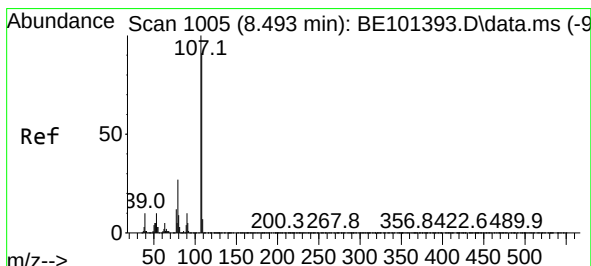
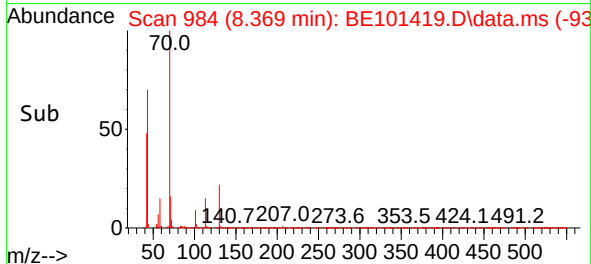
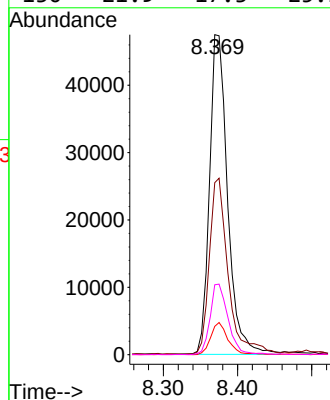
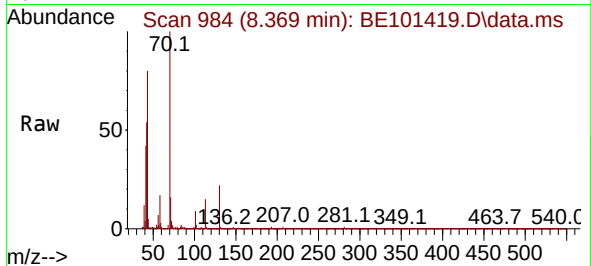




#19
n-Nitroso-di-n-propylamine
Concen: 9.096 ng
RT: 8.369 min Scan# 91
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

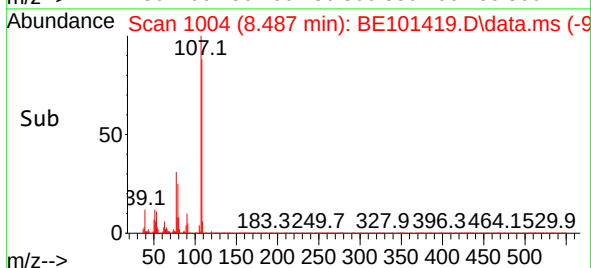
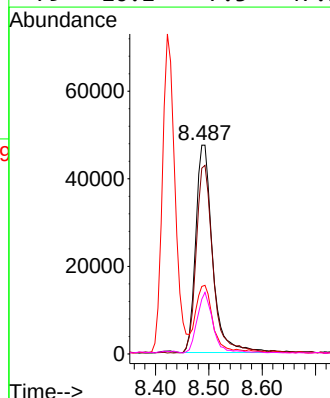
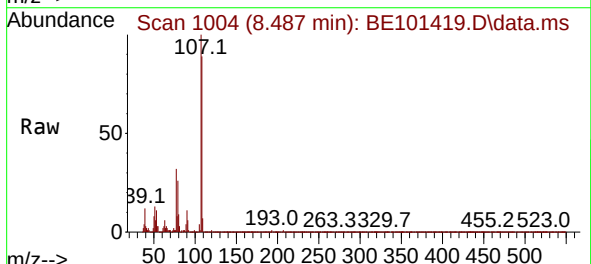
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

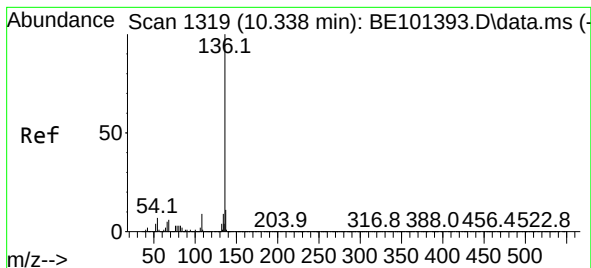
Tgt Ion:	70	Resp:	80655
Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.4	65.0
101	8.8	8.1	12.1
130	21.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 7.692 ng
RT: 8.487 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	107	Resp:	104181
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.6	110.6
77	32.4	11.3	51.3
79	26.2	7.3	47.3

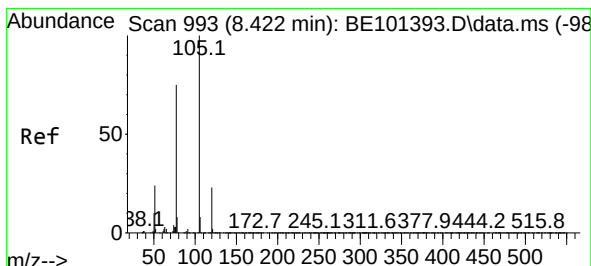
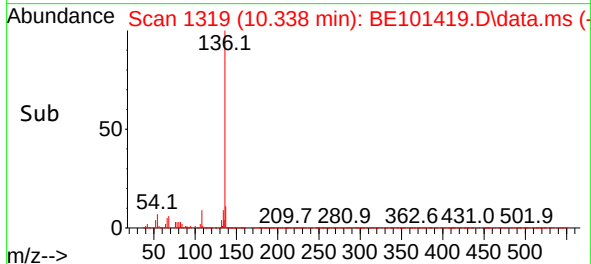
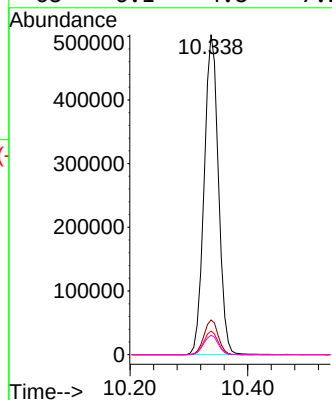
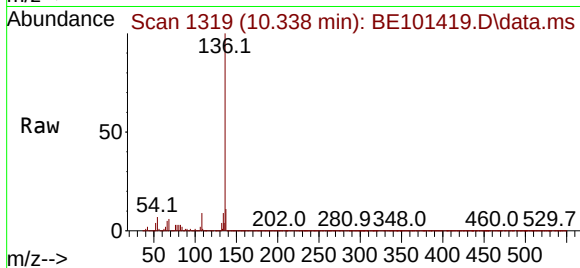




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

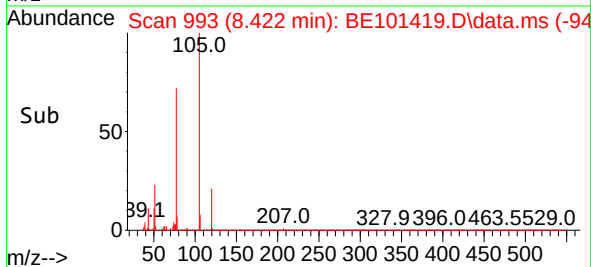
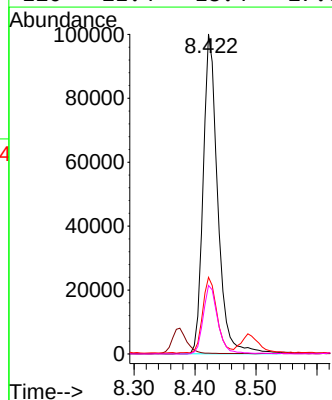
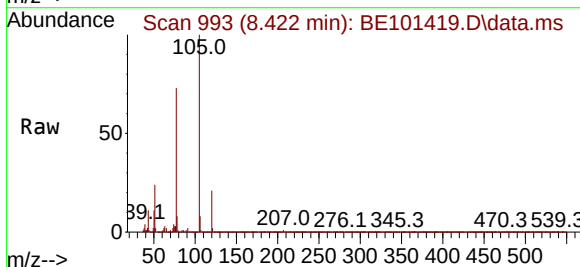
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

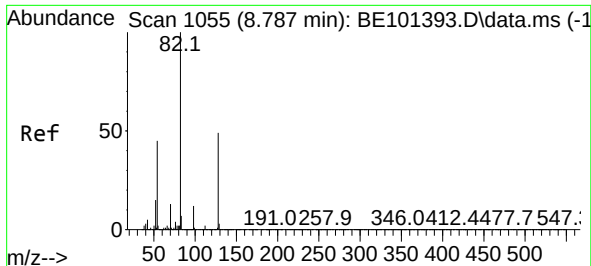
Tgt Ion:	136	Resp:	843710
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	5.9	8.9
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 8.686 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	105	Resp:	166398
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.1	0.1#
51	24.0	19.4	29.0
120	21.4	18.4	27.6



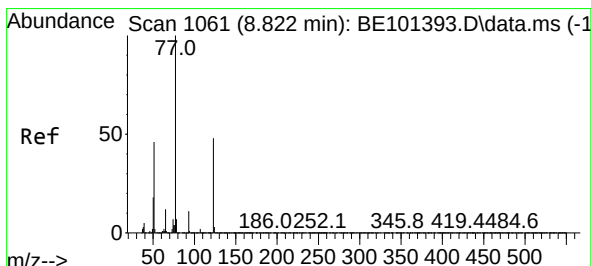
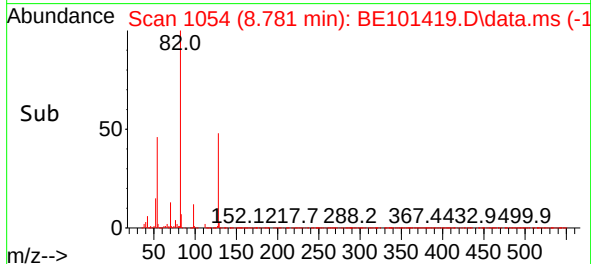
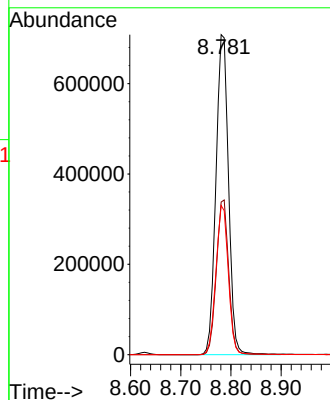
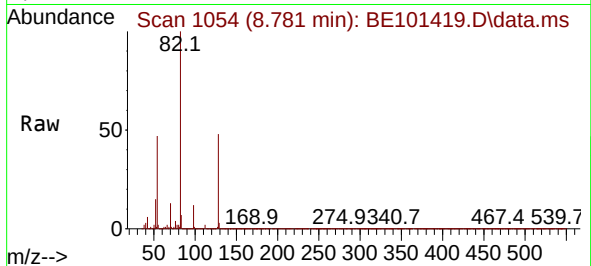


#23
Nitrobenzene-d5
Concen: 91.644 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 82 Resp: 1231048

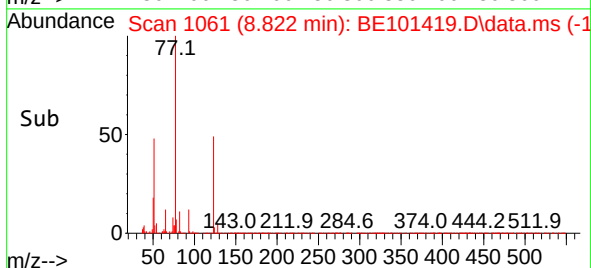
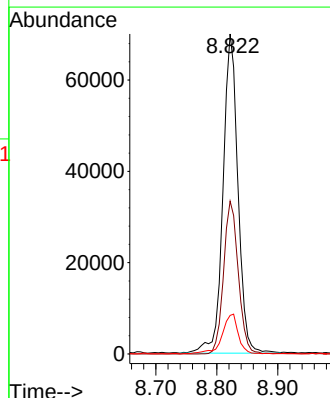
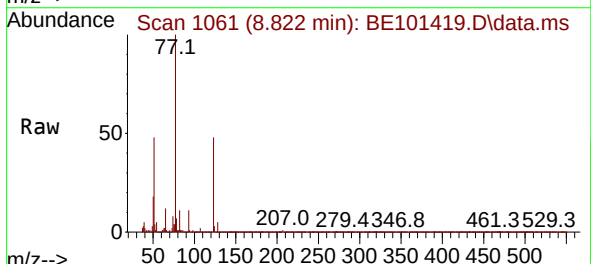
Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.9	58.3
54	46.6	36.2	54.4

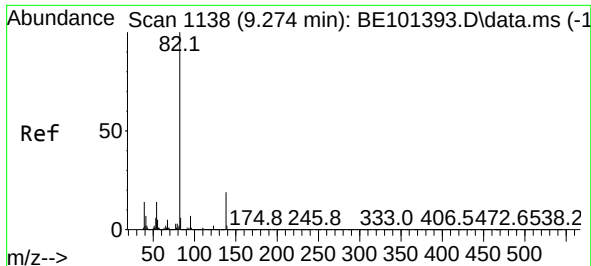


#24
Nitrobenzene
Concen: 8.341 ng
RT: 8.822 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 77 Resp: 119253

Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.7	58.1
65	12.0	10.0	15.0

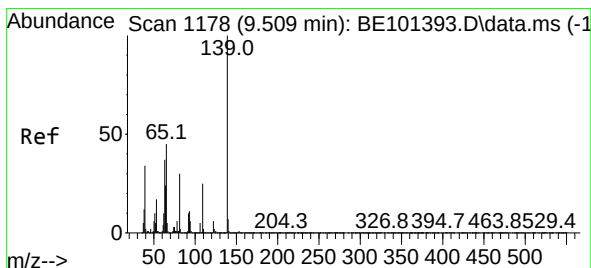
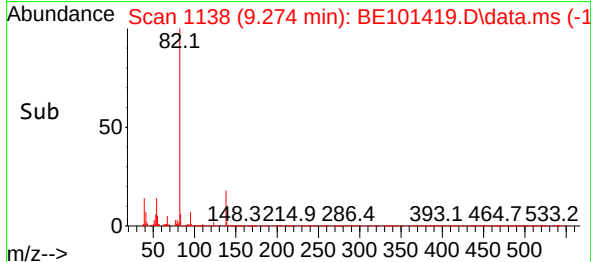
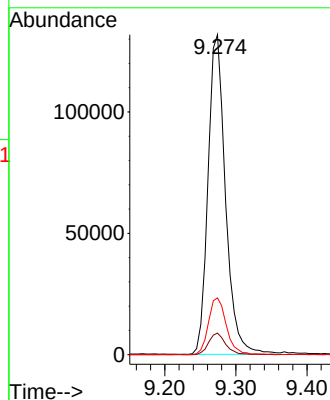
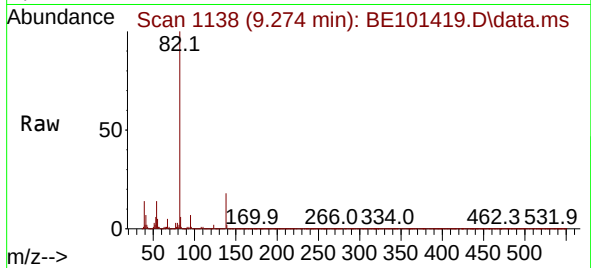




#25
Isophorone
Concen: 8.591 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

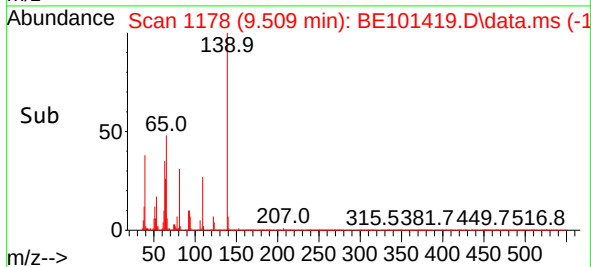
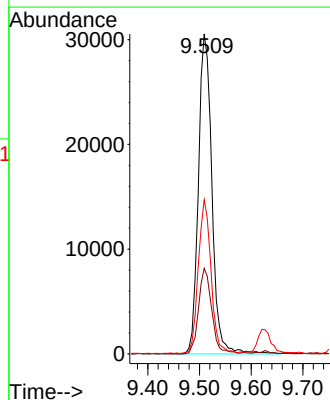
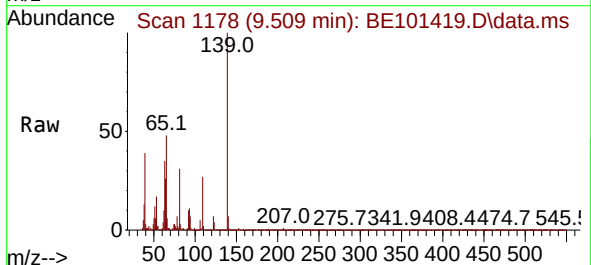
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

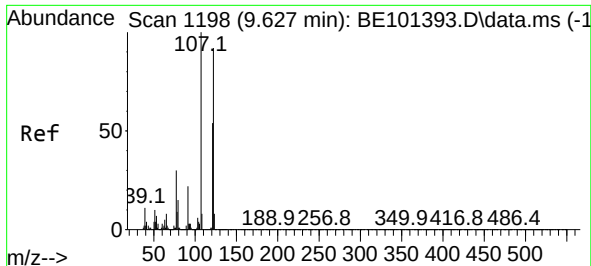
Tgt Ion: 82 Resp: 225191
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 15.0 22.4



#26
2-Nitrophenol
Concen: 8.019 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 139 Resp: 55414
Ion Ratio Lower Upper
139 100
109 26.8 20.1 30.1
65 48.2 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 5.526 ng

RT: 9.627 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

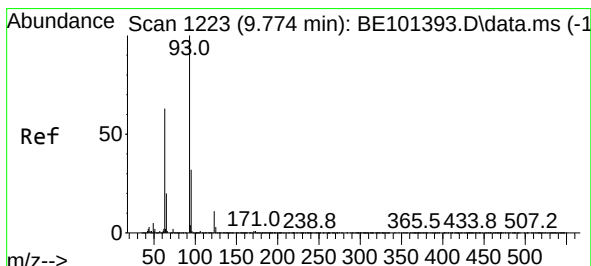
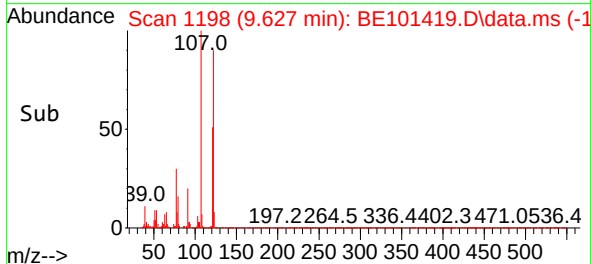
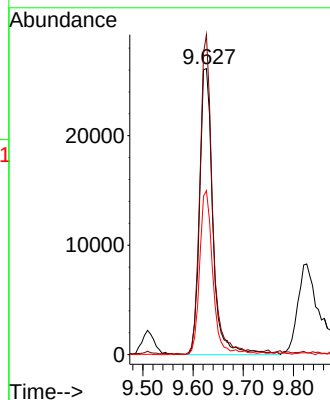
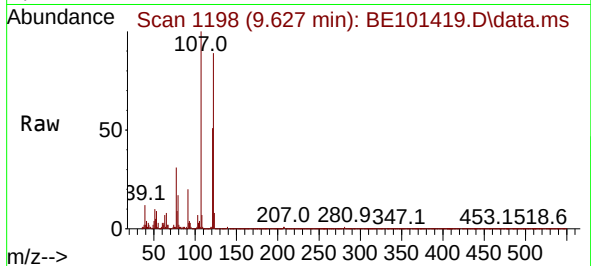
Tgt Ion:122 Resp: 48051

Ion Ratio Lower Upper

122 100

107 111.8 87.4 131.0

121 57.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 8.386 ng

RT: 9.774 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

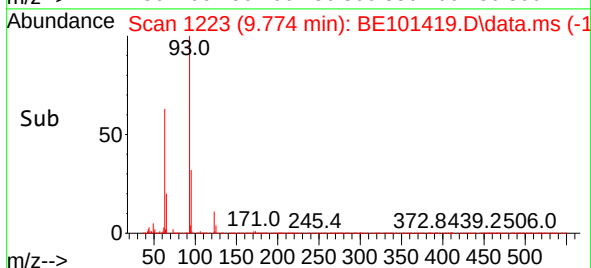
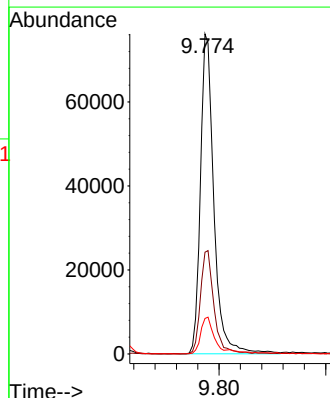
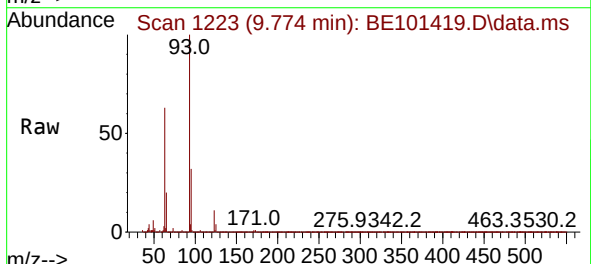
Tgt Ion: 93 Resp: 133305

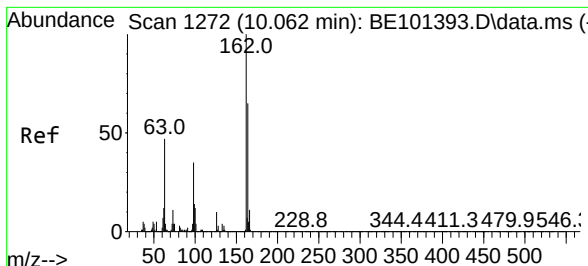
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

123 11.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 7.994 ng

RT: 10.056 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

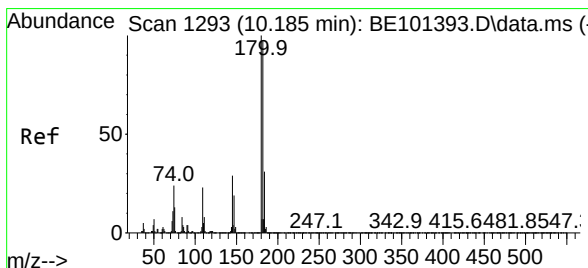
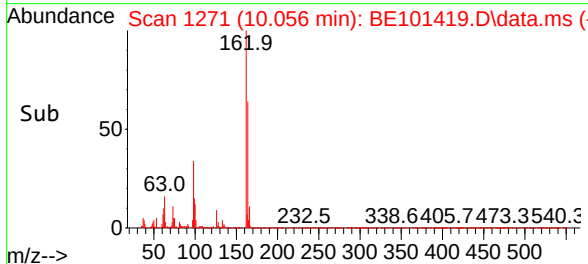
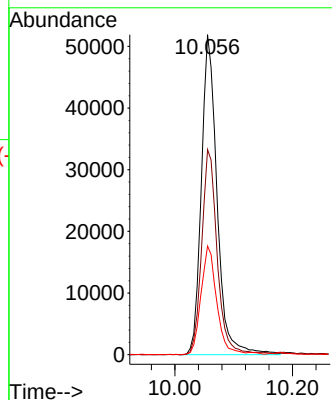
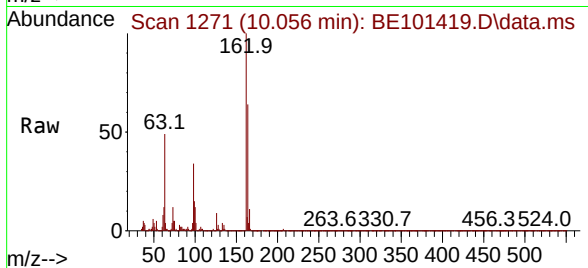
Tgt Ion:162 Resp: 96165

Ion Ratio Lower Upper

162 100

164 64.1 45.4 85.4

98 34.0 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 8.118 ng

RT: 10.185 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

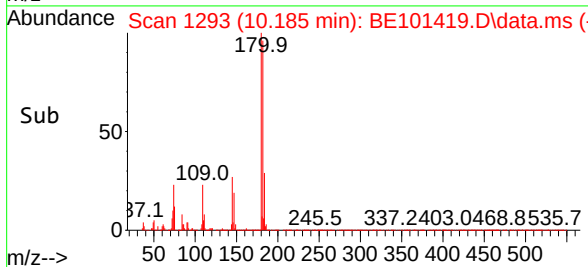
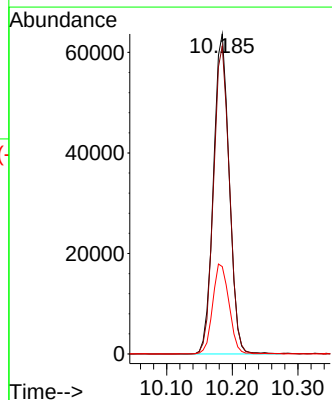
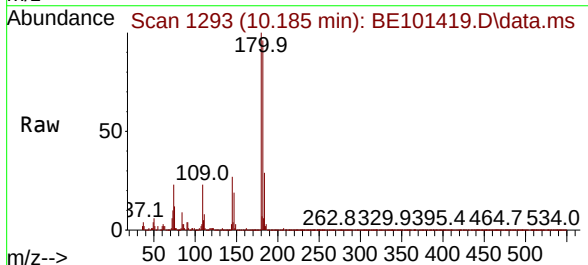
Tgt Ion:180 Resp: 106387

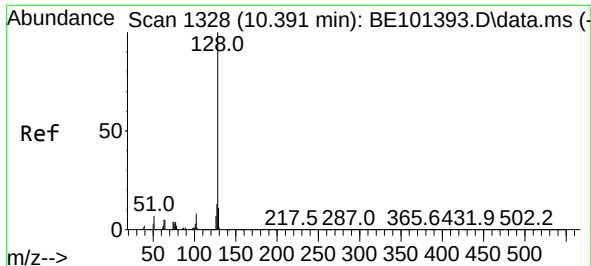
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

145 27.3 23.3 34.9

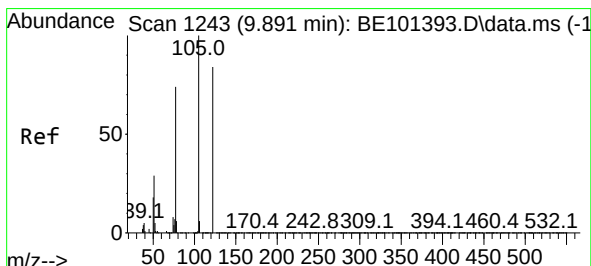
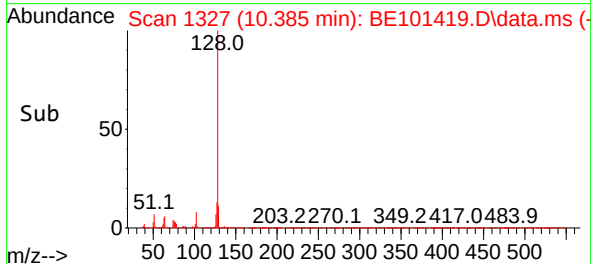
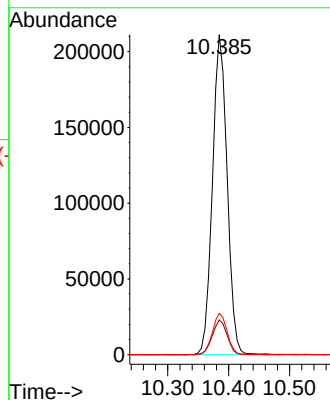
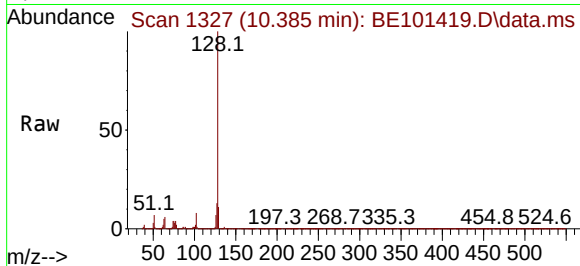




#31
Naphthalene
Concen: 8.205 ng
RT: 10.385 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

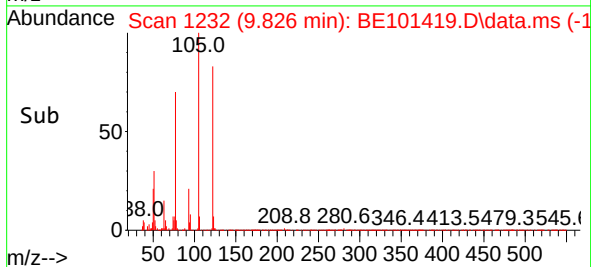
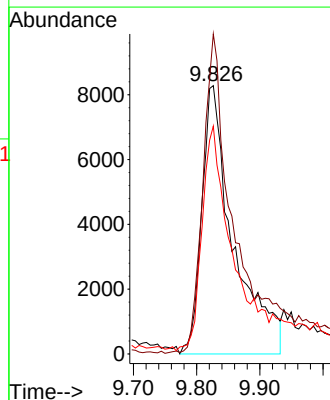
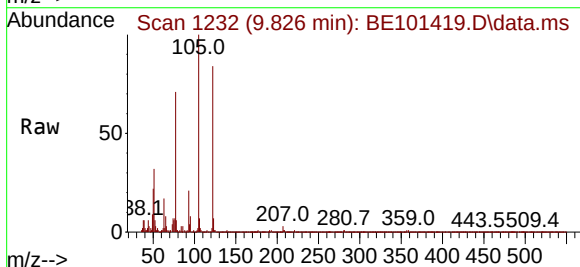
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

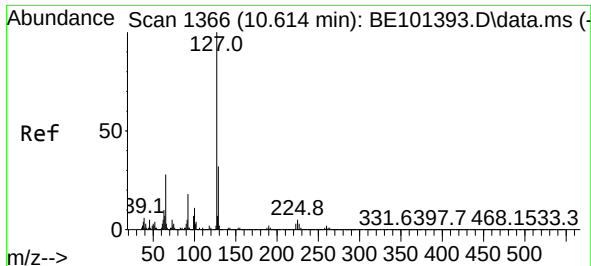
Tgt Ion:128 Resp: 352766
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 10.875 ng
RT: 9.826 min Scan# 1232
Delta R.T. -0.065 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:122 Resp: 28699
Ion Ratio Lower Upper
122 100
105 119.3 97.9 137.9
77 84.9 68.1 108.1

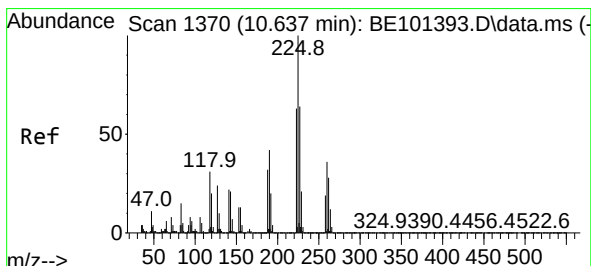
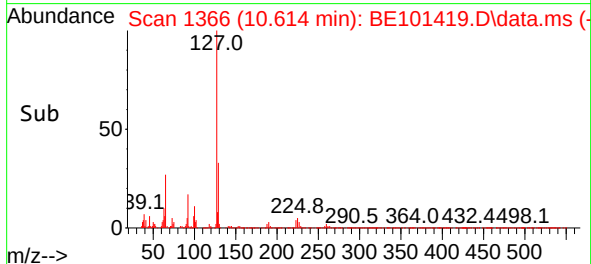
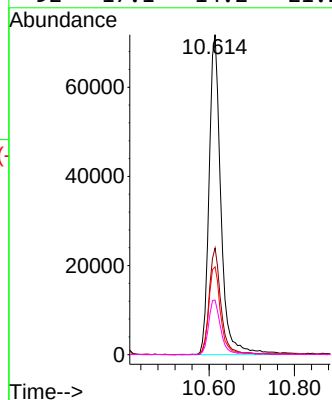
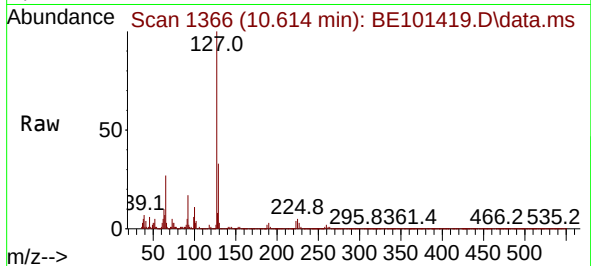




#33
4-Chloroaniline
Concen: 9.247 ng
RT: 10.614 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

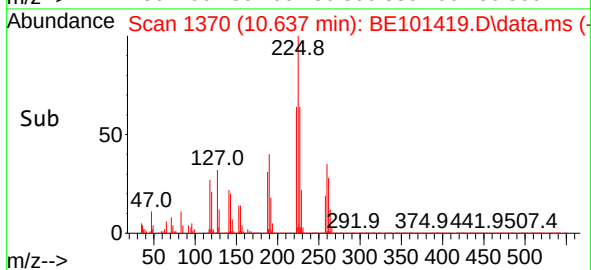
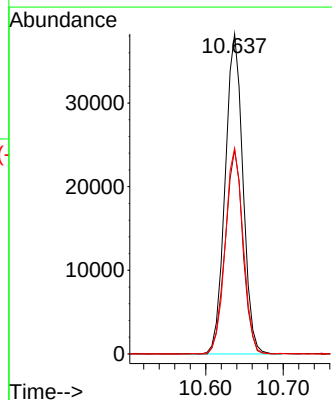
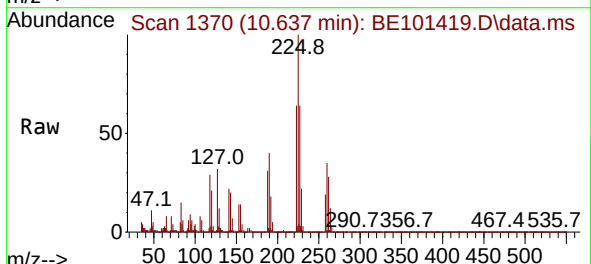
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

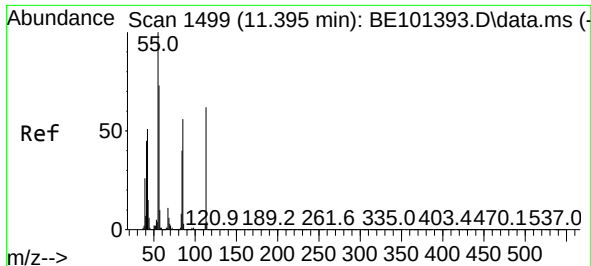
Tgt Ion:	127	Resp:	138252
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.7	38.5
65	27.4	22.2	33.4
92	17.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 7.849 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	225	Resp:	60881
Ion Ratio	Lower	Upper	
225	100		
223	61.2	50.5	75.7
227	61.7	51.0	76.6

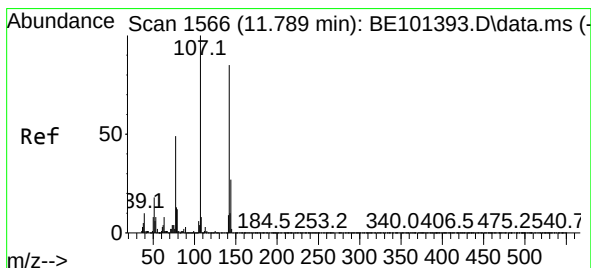
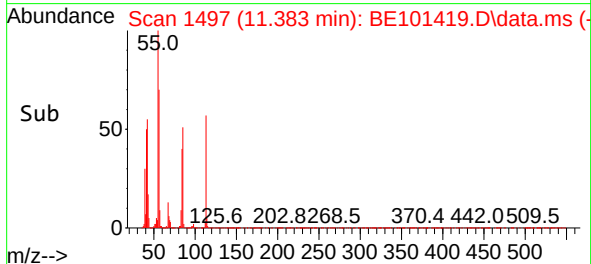
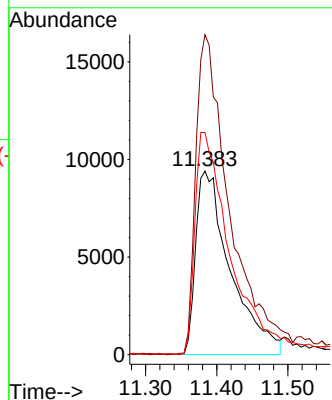
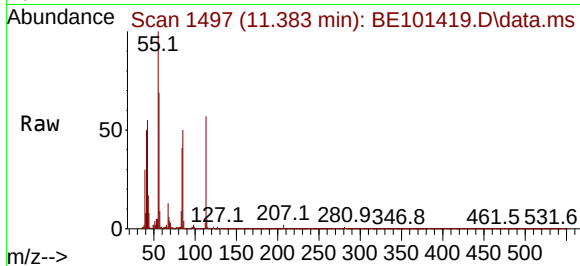




#35
Caprolactam
Concen: 6.928 ng
RT: 11.383 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

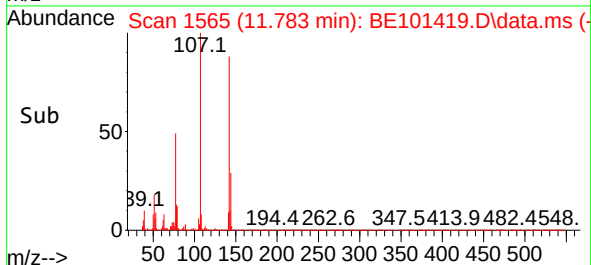
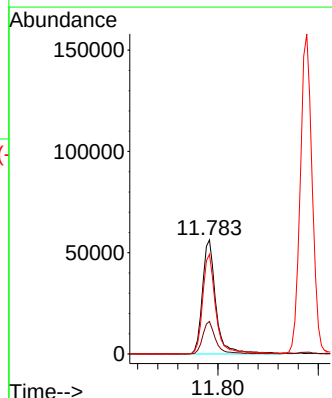
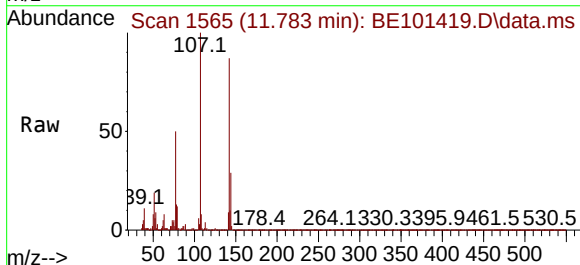
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

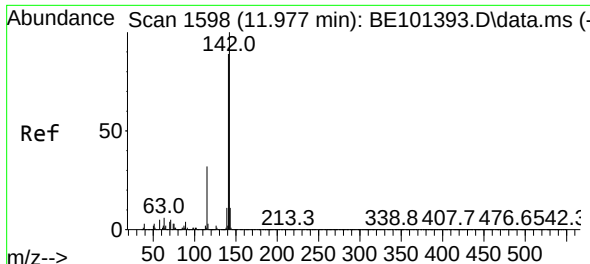
Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.3	141.2	181.2
56	121.0	96.9	136.9



#36
4-Chloro-3-methylphenol
Concen: 7.629 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	21.9	32.9
142	87.4	68.0	102.0

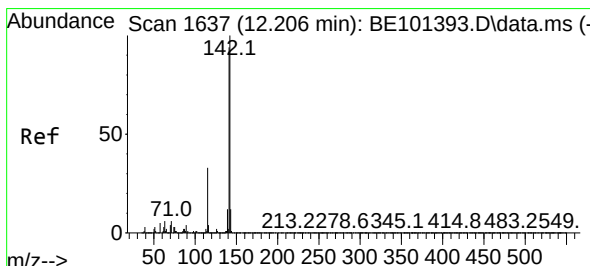
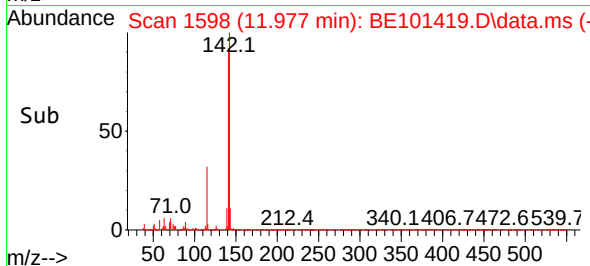
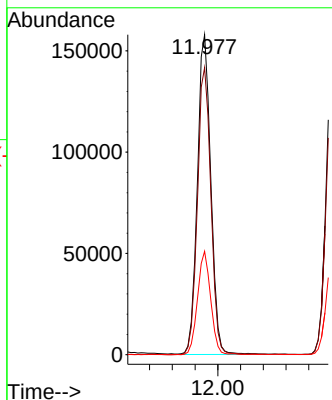
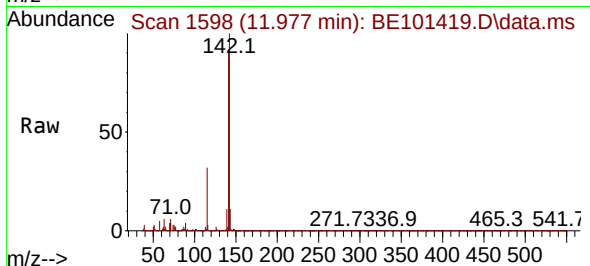




#37
2-Methylnaphthalene
Concen: 8.387 ng
RT: 11.977 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

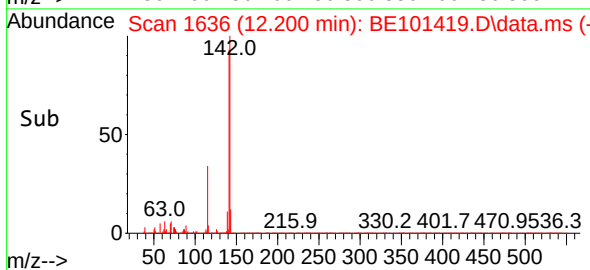
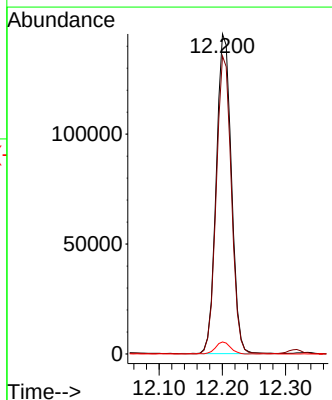
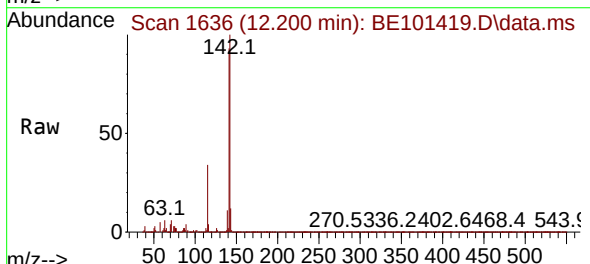
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

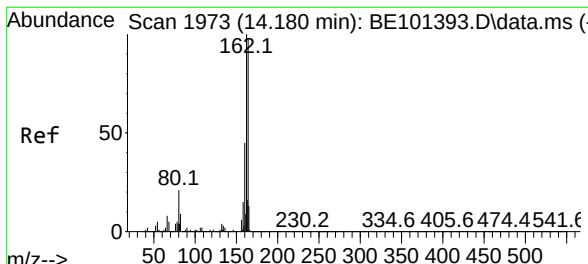
Tgt Ion:142 Resp: 259784
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 32.3 25.6 38.4



#38
1-Methylnaphthalene
Concen: 7.815 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:142 Resp: 241600
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4
116 3.8 2.9 4.3

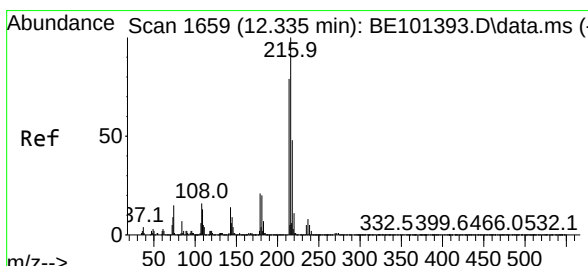
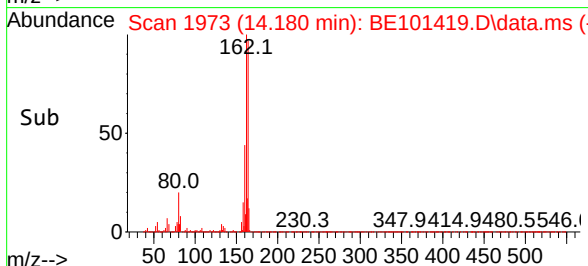
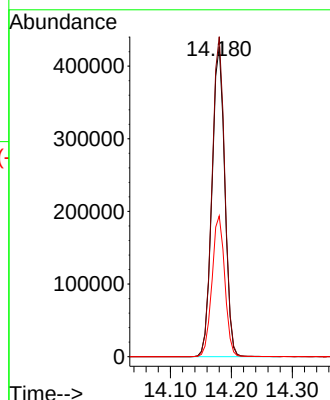
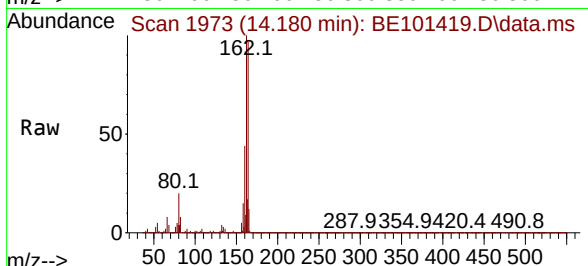




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

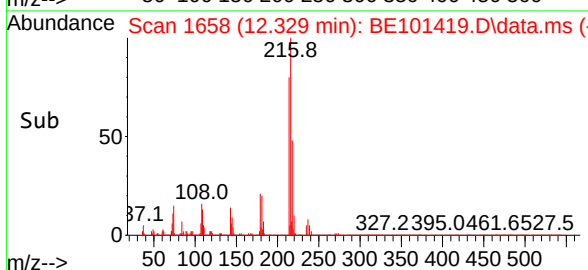
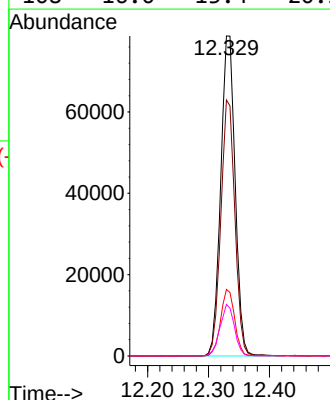
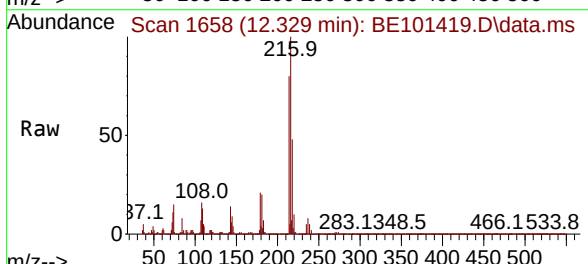
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

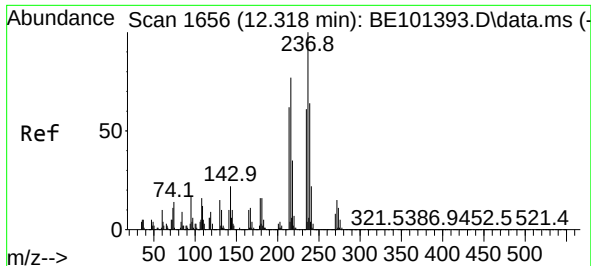
Tgt Ion:	164	Resp:	621306
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.3	121.9
160	45.4	36.4	54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.297 ng
RT: 12.329 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	216	Resp:	129406
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.4
179	20.3	16.7	25.1
108	16.0	13.4	20.2

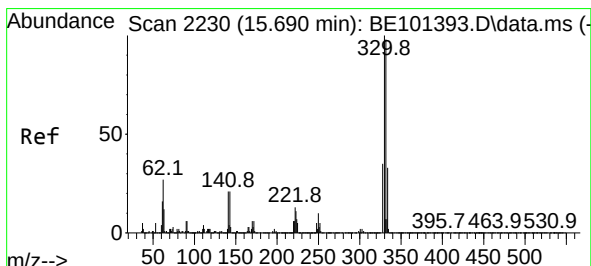
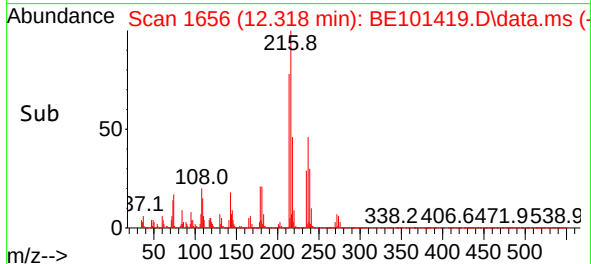
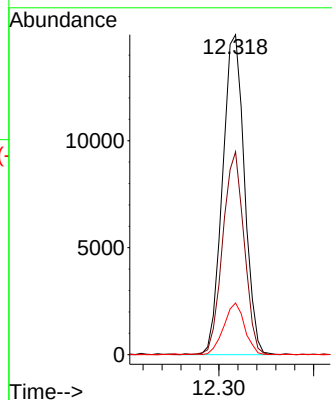
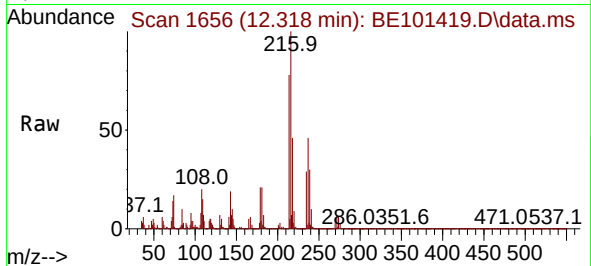




#41
Hexachlorocyclopentadiene
Concen: 4.653 ng
RT: 12.318 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

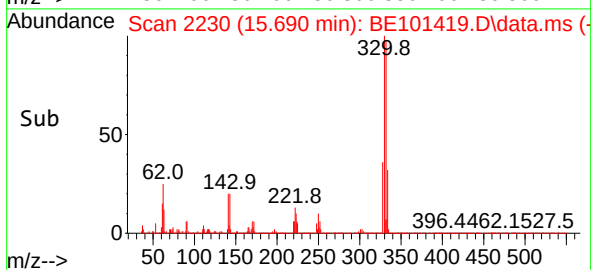
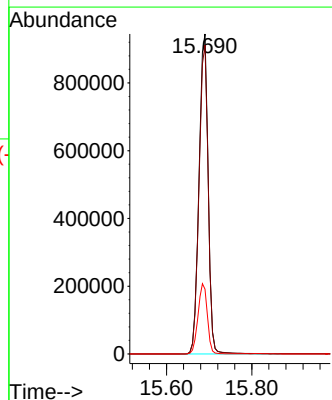
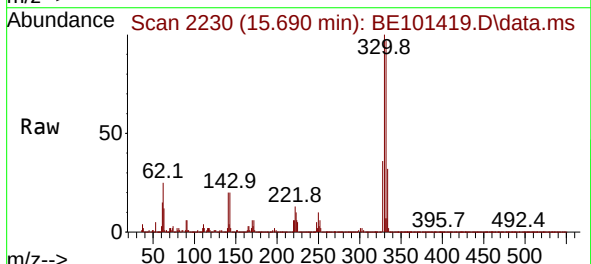
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

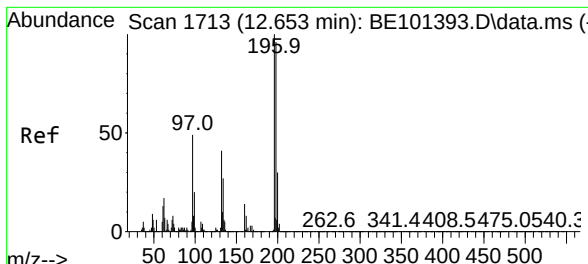
Tgt Ion:	237	Resp:	23968
Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.3	81.3
272	16.2	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 128.832 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:	330	Resp:	1402912
Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	22.4	18.3	27.5

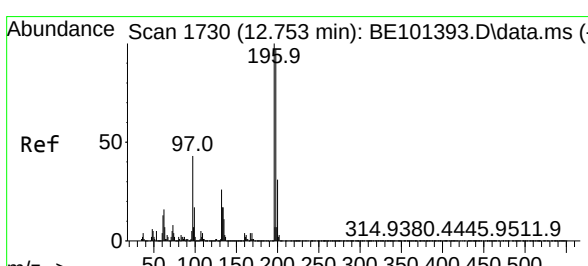
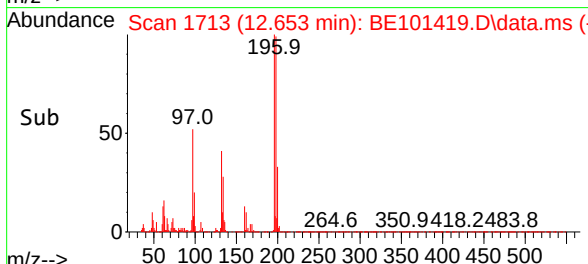
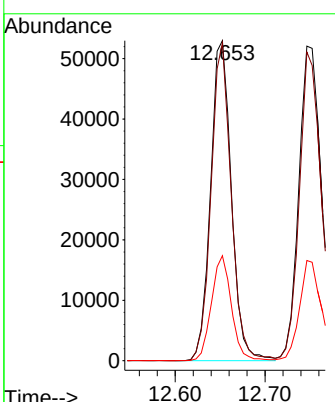
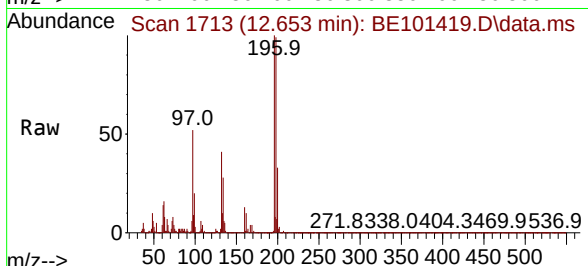




#43
 2,4,6-Trichlorophenol
 Concen: 7.919 ng
 RT: 12.653 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BE101419.D
 Acq: 30 Oct 2024 11:47

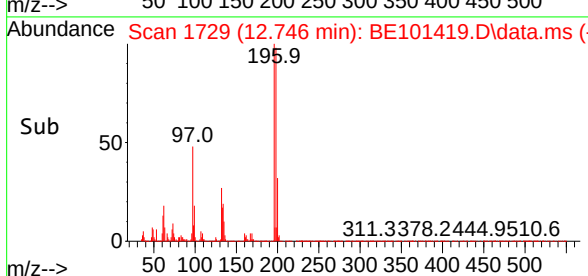
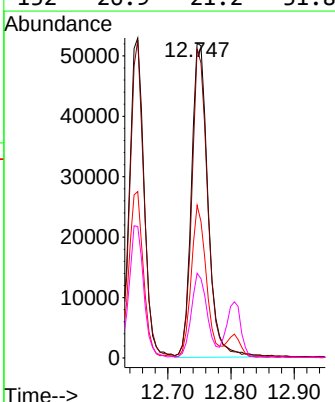
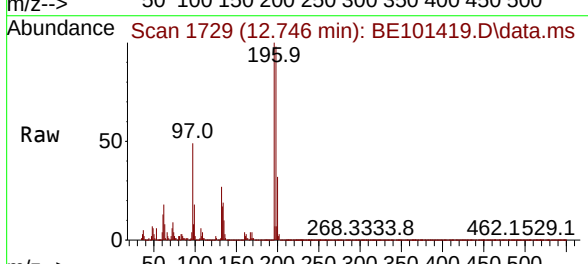
Instrument : BNA_E
 ClientSampleId : MDL-SOIL-03-QT4-2024

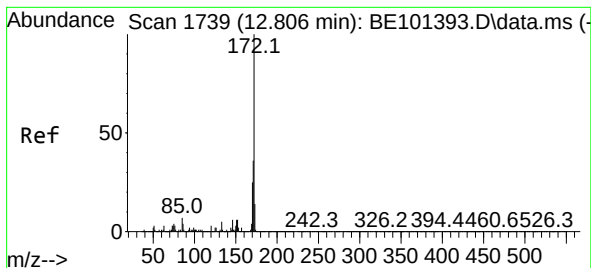
Tgt Ion:	196	Resp:	85145
Ion Ratio	Lower	Upper	
196	100		
198	99.4	76.6	115.0
200	32.8	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 7.711 ng
 RT: 12.746 min Scan# 1729
 Delta R.T. -0.006 min
 Lab File: BE101419.D
 Acq: 30 Oct 2024 11:47

Tgt Ion:	196	Resp:	94943
Ion Ratio	Lower	Upper	
196	100		
198	98.1	77.4	116.0
97	48.5	34.8	52.2
132	26.9	21.2	31.8





#45

2-Fluorobiphenyl

Concen: 86.052 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

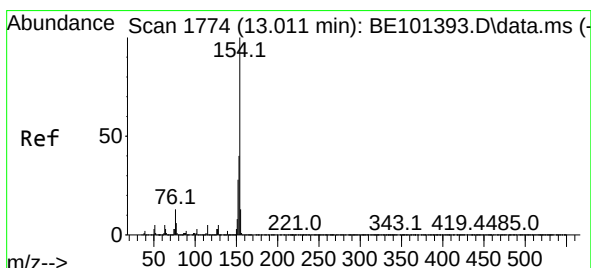
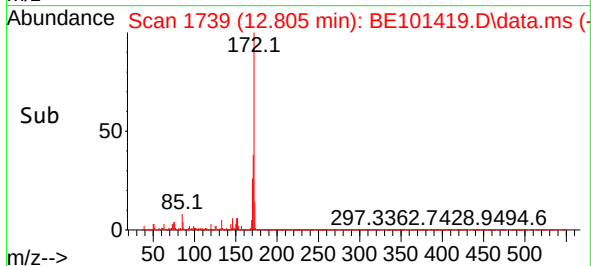
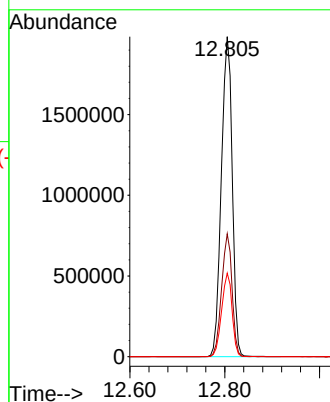
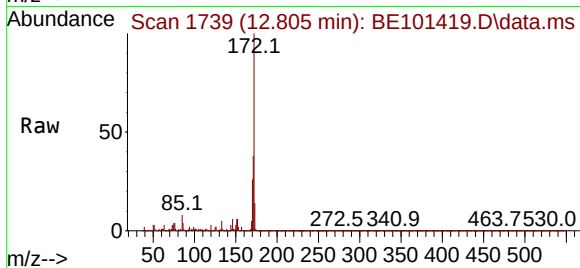
Tgt Ion:172 Resp: 3156996

Ion Ratio Lower Upper

172 100

171 38.4 29.2 43.8

170 26.1 19.8 29.6



#46

1,1'-Biphenyl

Concen: 8.645 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

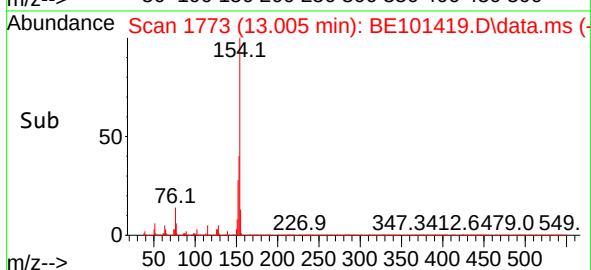
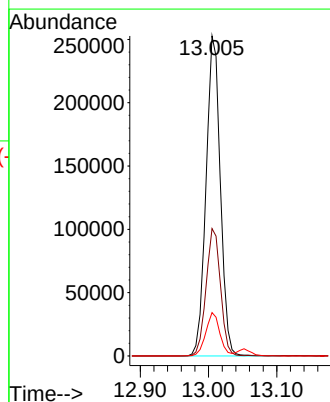
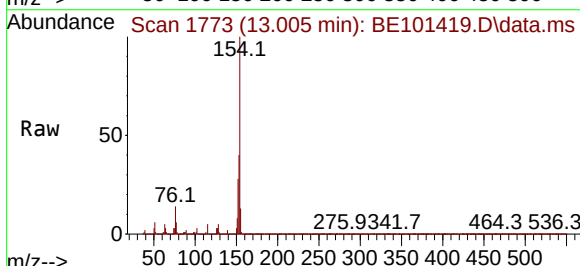
Tgt Ion:154 Resp: 367969

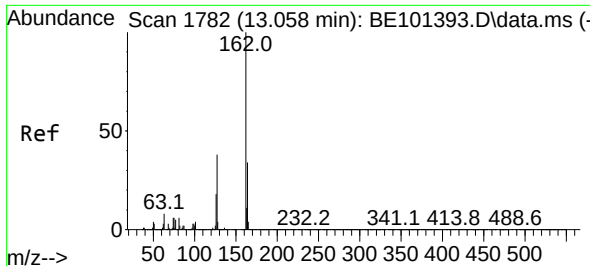
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 13.6 0.0 32.6

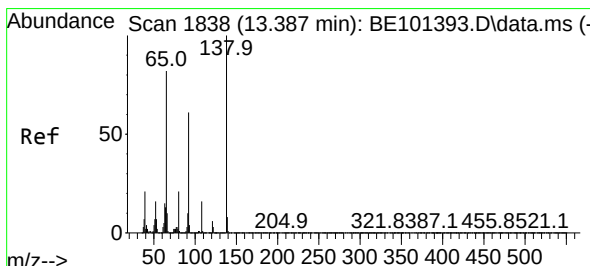
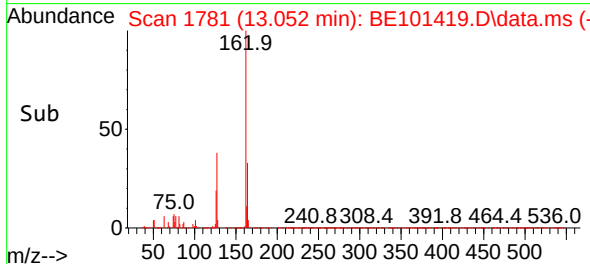
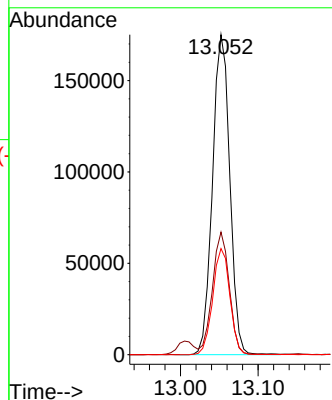
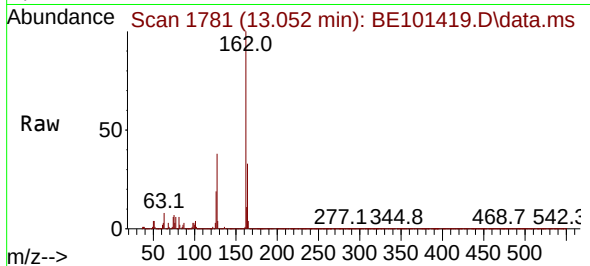




#47
2-Chloronaphthalene
Concen: 8.090 ng
RT: 13.052 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

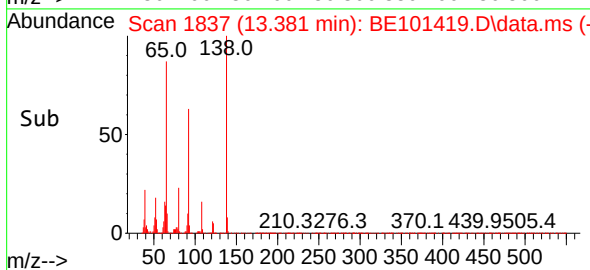
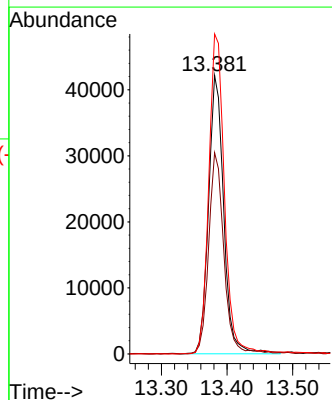
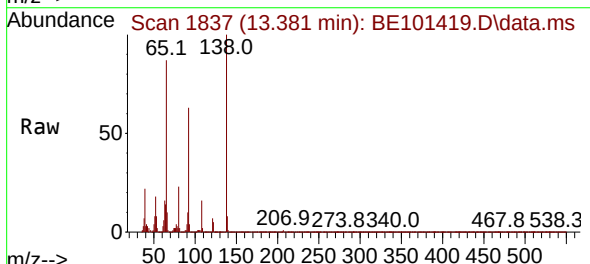
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

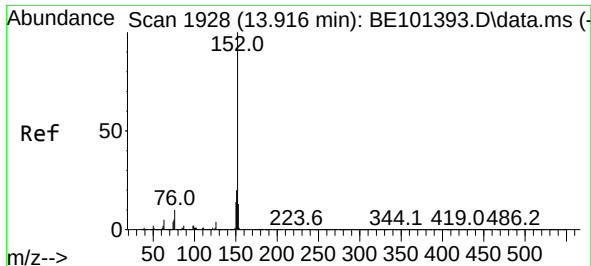
Tgt Ion:162 Resp: 272071
Ion Ratio Lower Upper
162 100
127 38.3 30.4 45.6
164 33.1 27.0 40.6



#48
2-Nitroaniline
Concen: 7.510 ng
RT: 13.381 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion: 65 Resp: 67973
Ion Ratio Lower Upper
65 100
92 72.2 59.0 88.4
138 114.9 97.4 146.0

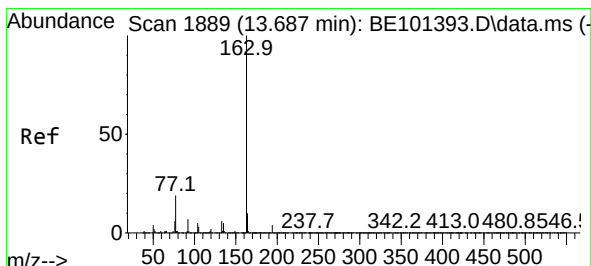
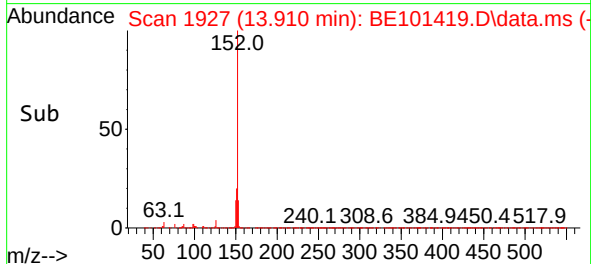
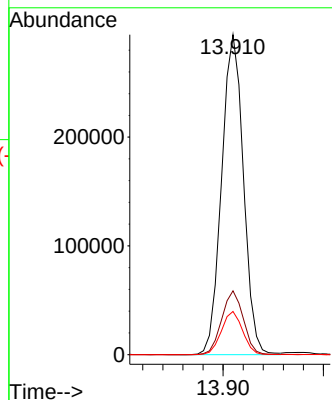
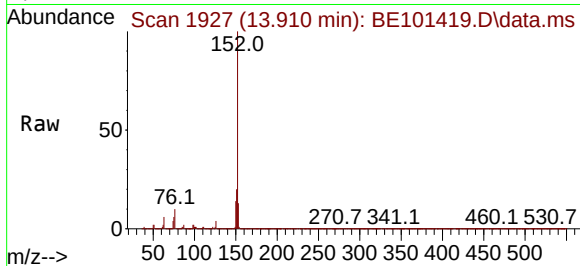




#49
Acenaphthylene
Concen: 8.913 ng
RT: 13.910 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

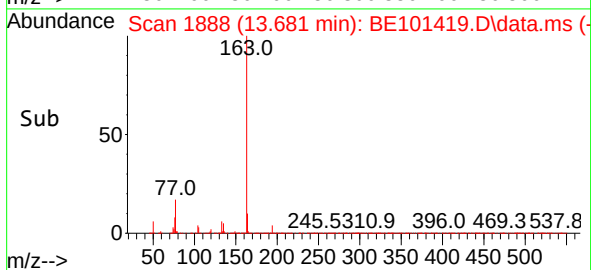
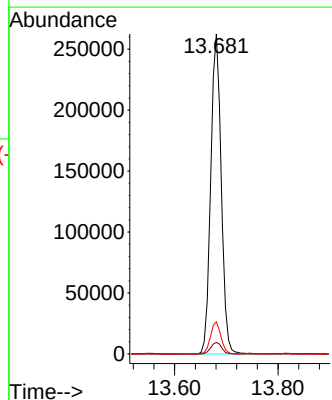
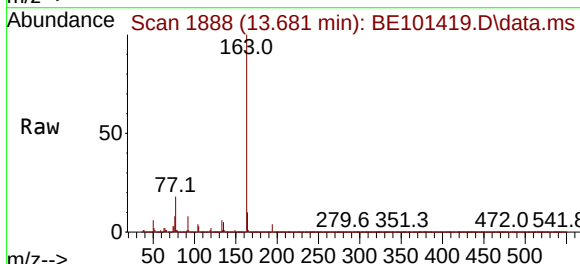
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

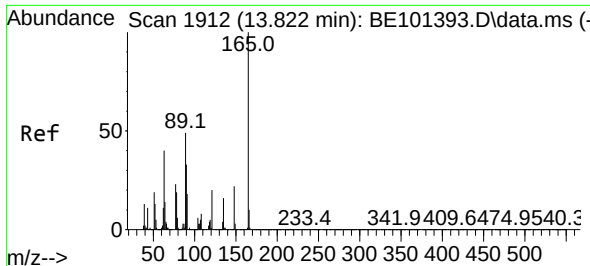
Tgt Ion:152 Resp: 443287
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 8.412 ng
RT: 13.681 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:163 Resp: 368902
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.0 8.4 12.6

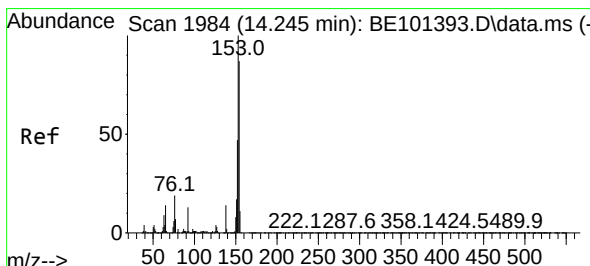
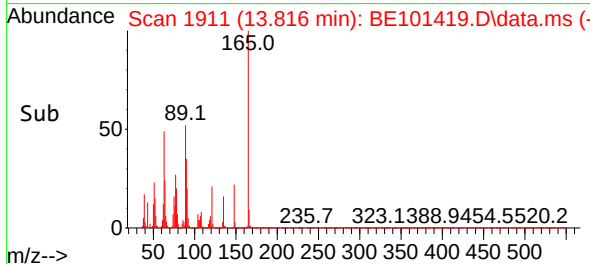
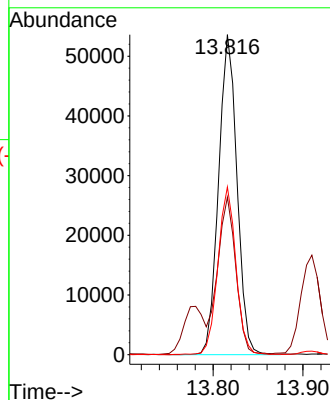
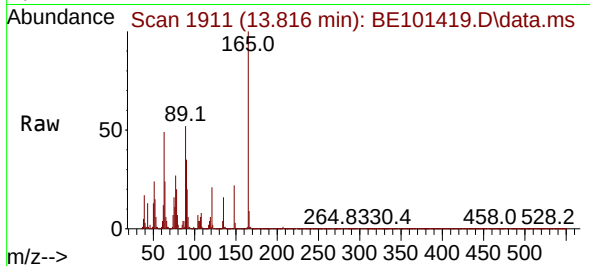




#51
2,6-Dinitrotoluene
Concen: 7.524 ng
RT: 13.816 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

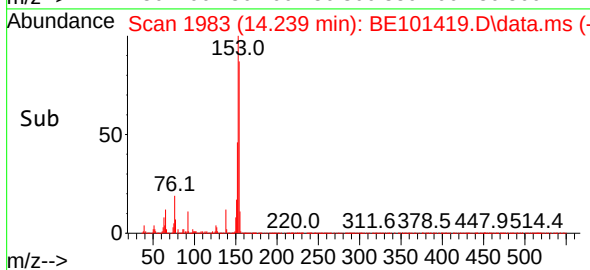
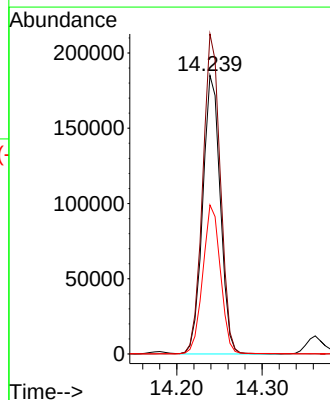
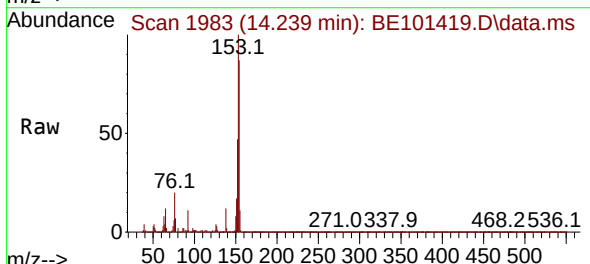
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

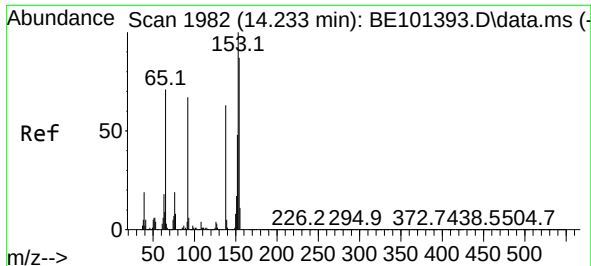
Tgt Ion:165	Resp:	76180
Ion Ratio	Lower	Upper
165	100	
63	49.2	38.0 57.0
89	52.4	39.5 59.3



#52
Acenaphthene
Concen: 8.166 ng
RT: 14.239 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:154	Resp:	265178
Ion Ratio	Lower	Upper
154	100	
153	114.9	91.8 137.6
152	53.5	43.1 64.7

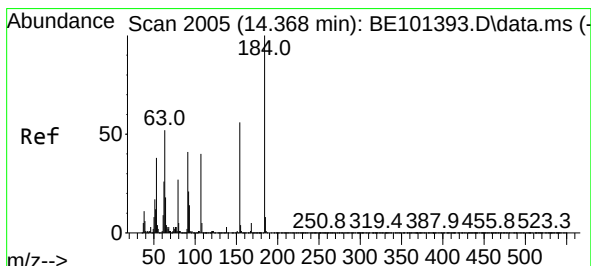
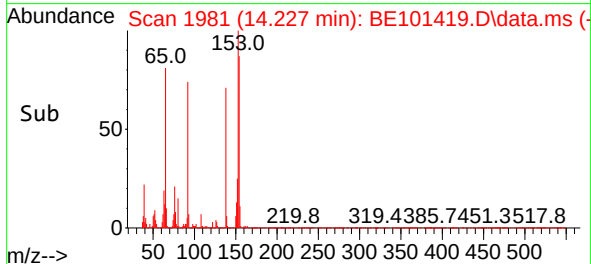
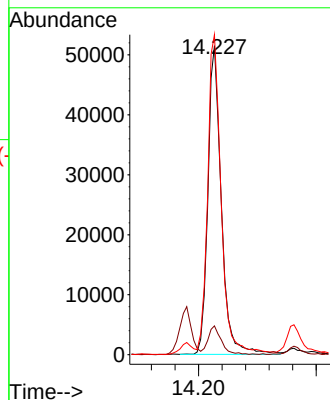
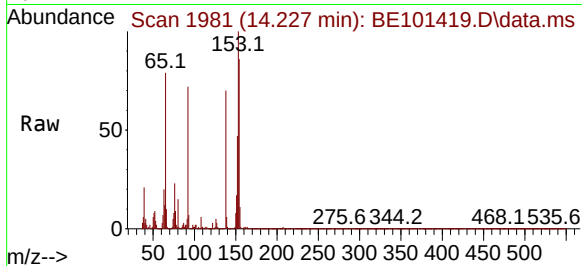




#53
3-Nitroaniline
Concen: 8.104 ng
RT: 14.227 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

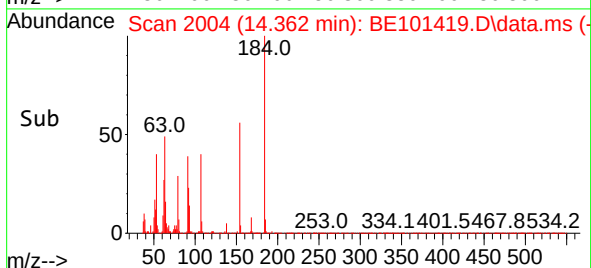
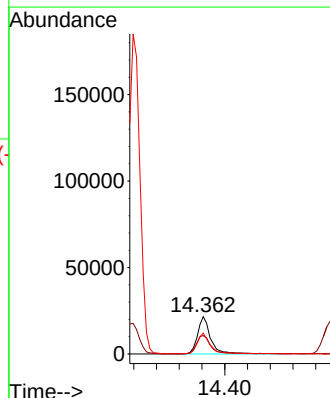
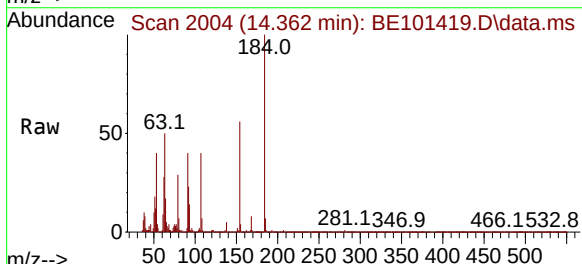
Instrument : BNA_E
ClientSampleId : MDL-SOIL-03-QT4-2024

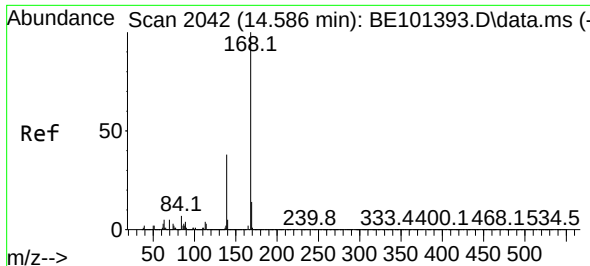
Tgt Ion:138 Resp: 81590
Ion Ratio Lower Upper
138 100
108 9.3 7.1 10.7
92 103.6 84.4 126.6



#54
2,4-Dinitrophenol
Concen: 10.045 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:184 Resp: 34264
Ion Ratio Lower Upper
184 100
63 49.5 41.8 62.6
154 55.7 44.9 67.3

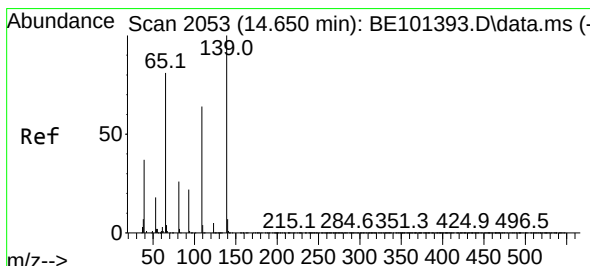
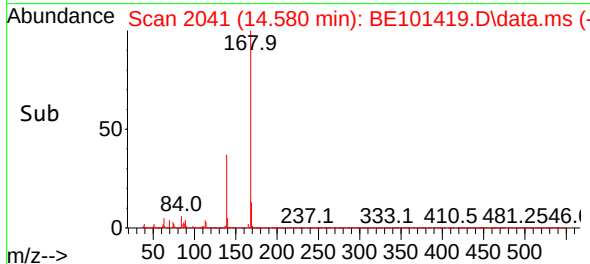
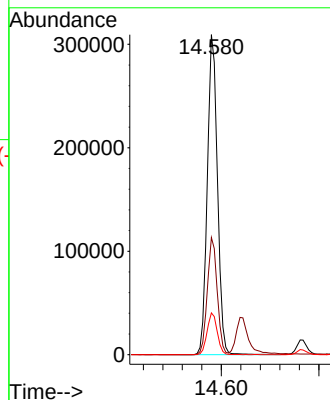
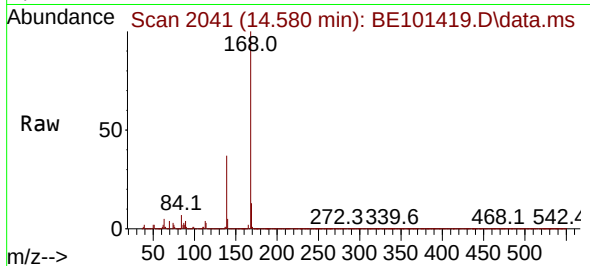




#55
Dibenzenofuran
Concen: 8.568 ng
RT: 14.580 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

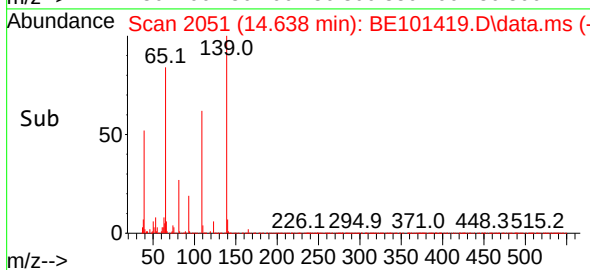
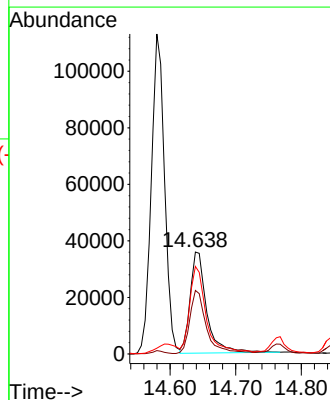
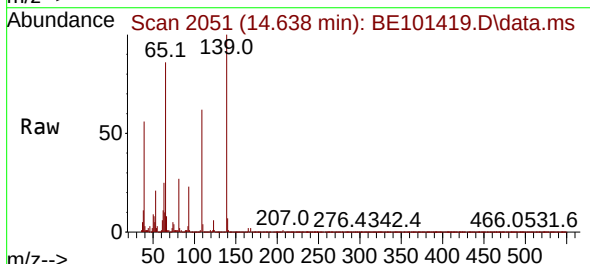
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

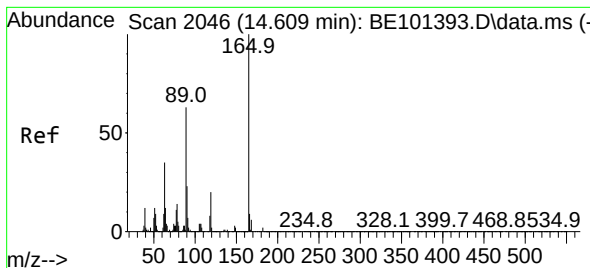
Tgt Ion:168 Resp: 443467
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.4
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 6.819 ng
RT: 14.638 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:139 Resp: 62870
Ion Ratio Lower Upper
139 100
109 62.4 42.4 82.4
65 86.0 63.4 103.4





#57

2,4-Dinitrotoluene

Concen: 7.469 ng

RT: 14.603 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:165 Resp: 104109

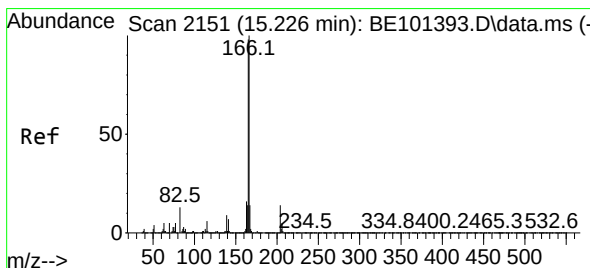
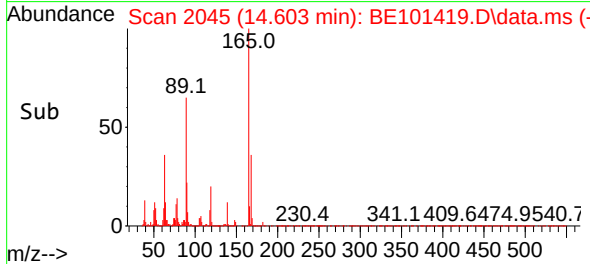
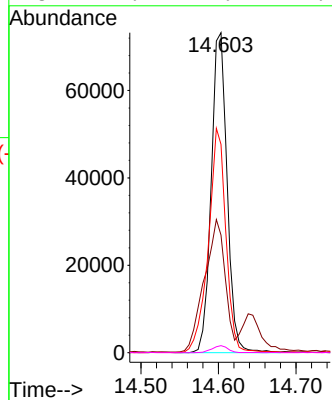
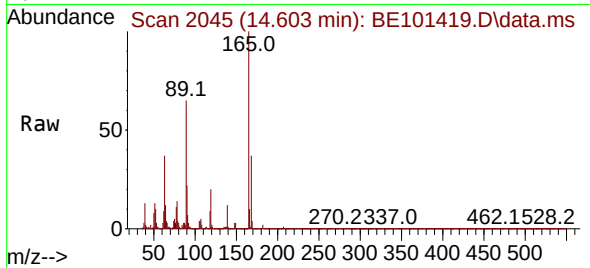
Ion Ratio Lower Upper

165 100

63 36.7 28.6 42.8

89 65.1 50.8 76.2

182 2.2 1.9 2.9



#58

Fluorene

Concen: 8.305 ng

RT: 15.220 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

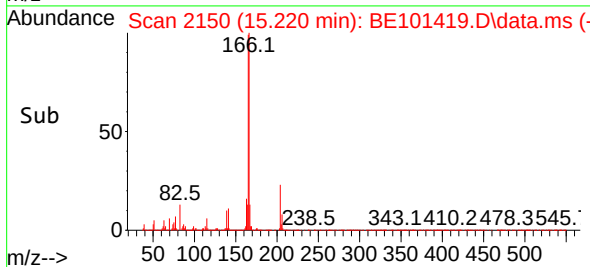
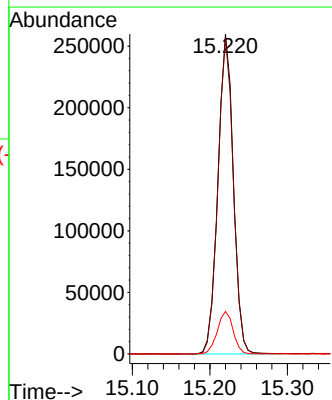
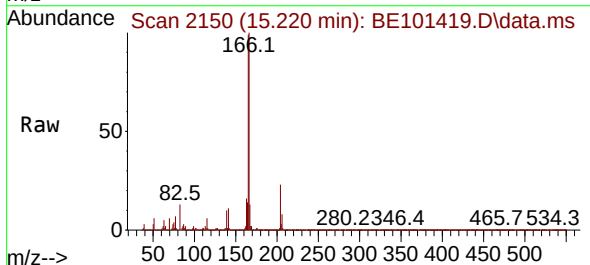
Tgt Ion:166 Resp: 359613

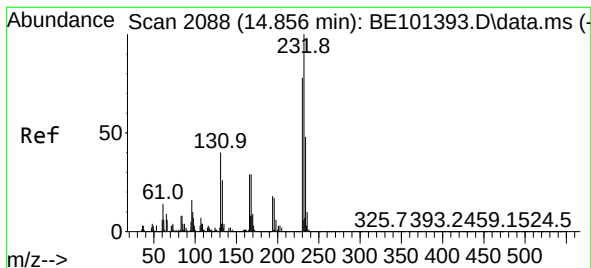
Ion Ratio Lower Upper

166 100

165 98.7 78.7 118.1

167 13.3 11.0 16.4

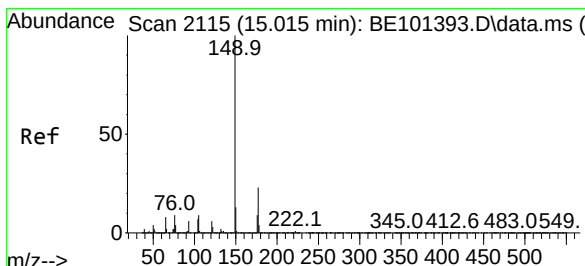
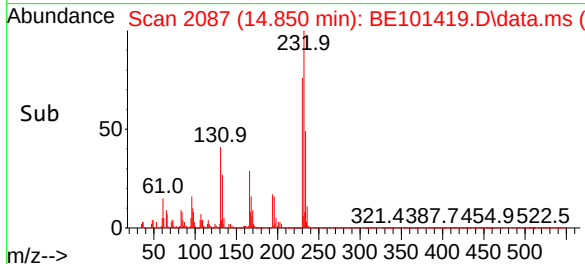
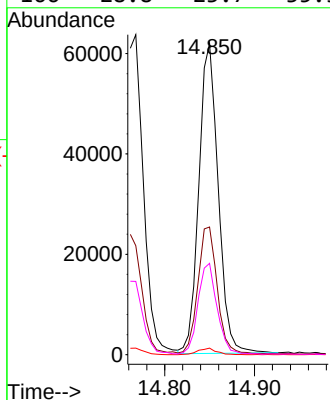
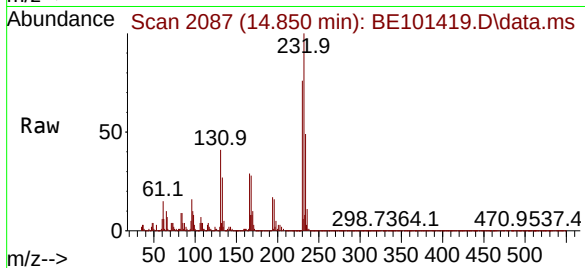




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.137 ng
RT: 14.850 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

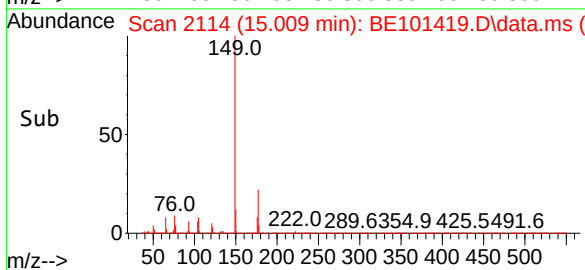
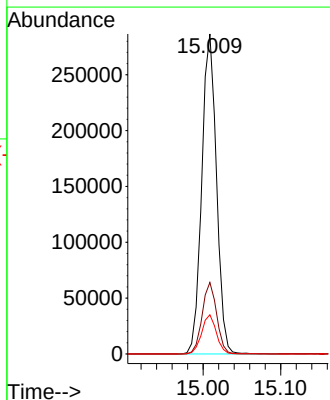
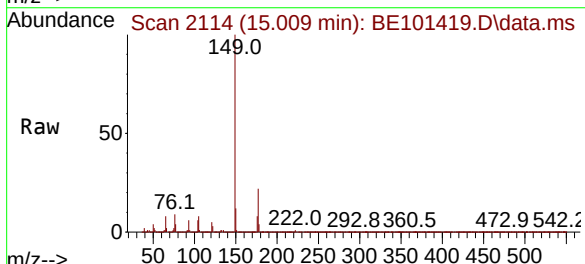
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

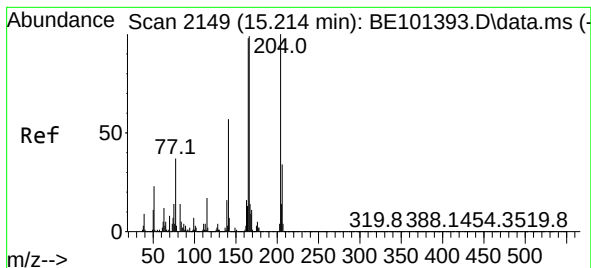
Tgt Ion:232	Resp:	92574
Ion Ratio	Lower	Upper
232	100	
131	41.0	33.5 50.3
130	2.0	1.6 2.4
166	28.8	23.7 35.5



#60
Diethylphthalate
Concen: 8.227 ng
RT: 15.009 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:149	Resp:	377401
Ion Ratio	Lower	Upper
149	100	
177	22.4	18.0 27.0
150	12.3	10.3 15.5

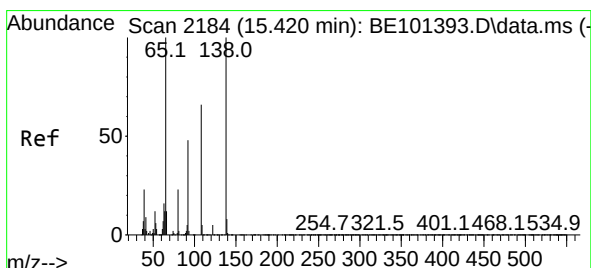
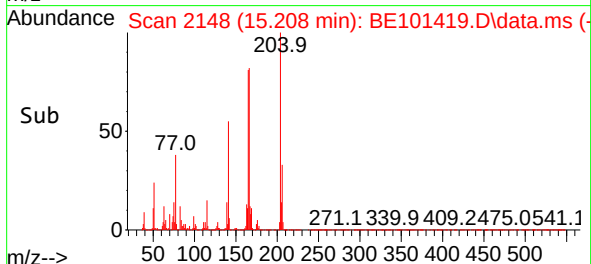
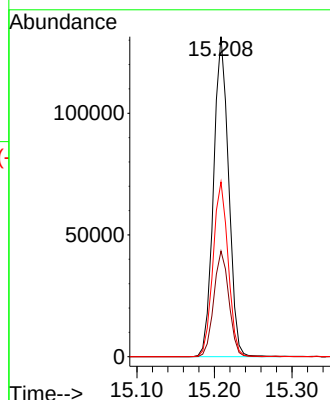
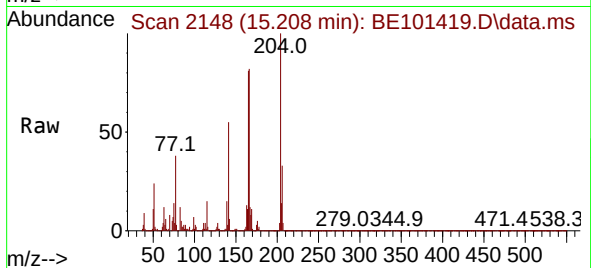




#61
4-Chlorophenyl-phenylether
Concen: 8.259 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

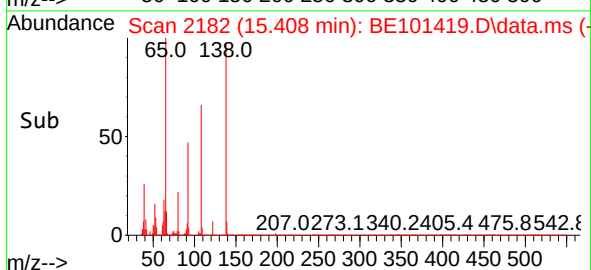
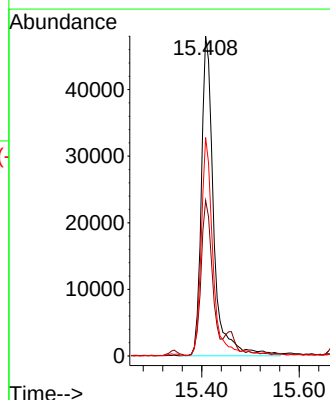
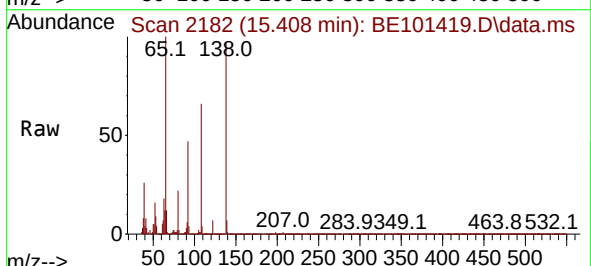
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

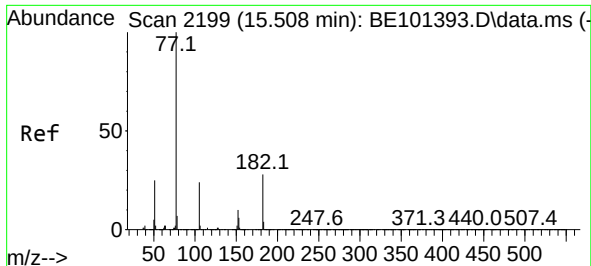
Tgt Ion:204 Resp: 177453
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 54.6 45.9 68.9



#62
4-Nitroaniline
Concen: 7.555 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:138 Resp: 84646
Ion Ratio Lower Upper
138 100
92 48.6 28.7 68.7
108 68.3 46.5 86.5

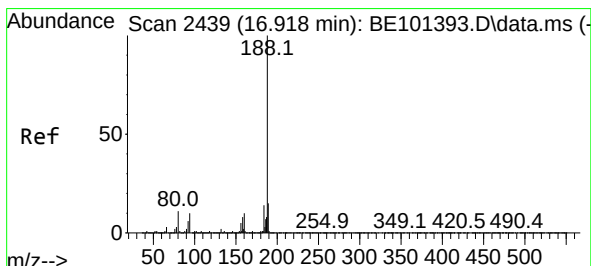
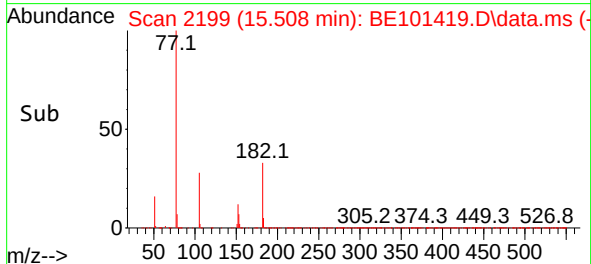
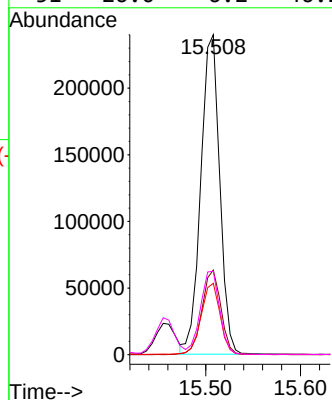
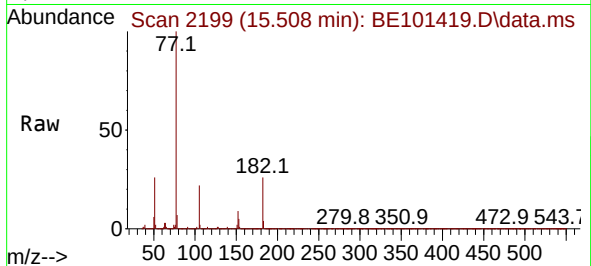




#63
Azobenzene
Concen: 8.419 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

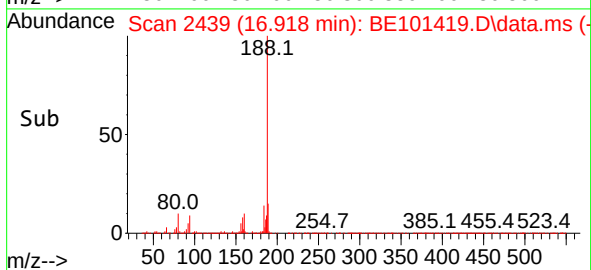
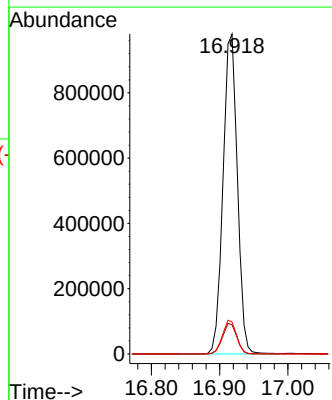
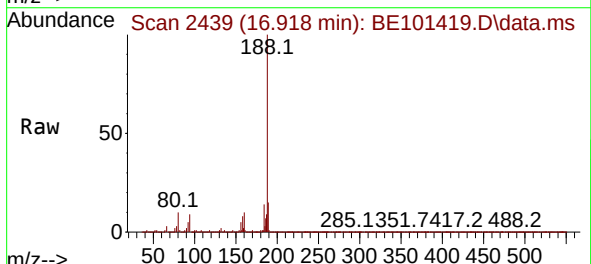
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

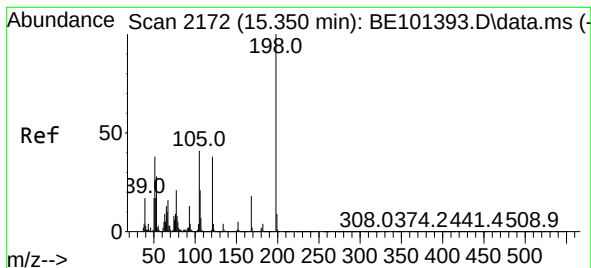
Tgt Ion: 77	Resp: 331947
Ion Ratio	Lower Upper
77 100	
182 26.5	7.6 47.6
105 22.3	3.2 43.2
51 26.0	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:188	Resp: 1430016		
Ion Ratio	Lower	Upper	
188 100			
94 9.2	7.8	11.8	
80 10.0	8.6	12.8	

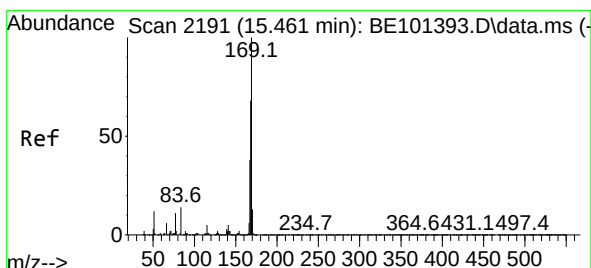
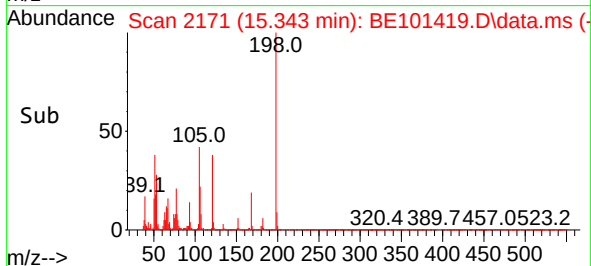
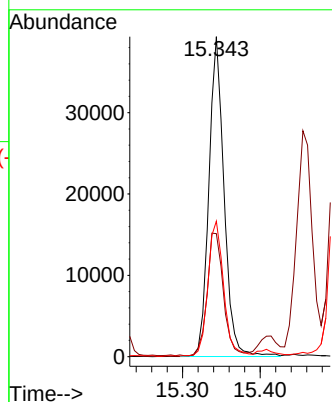
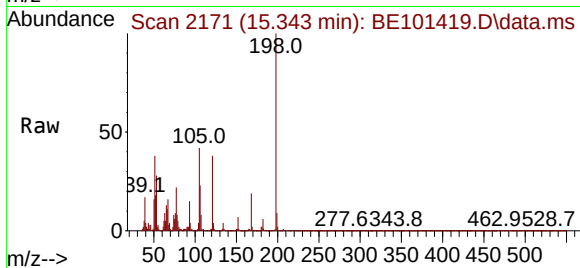




#65
4,6-Dinitro-2-methylphenol
Concen: 6.363 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

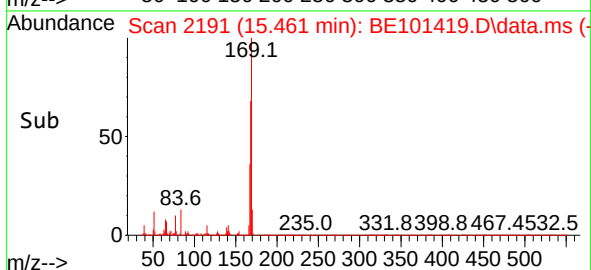
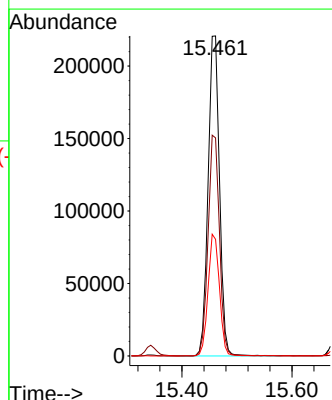
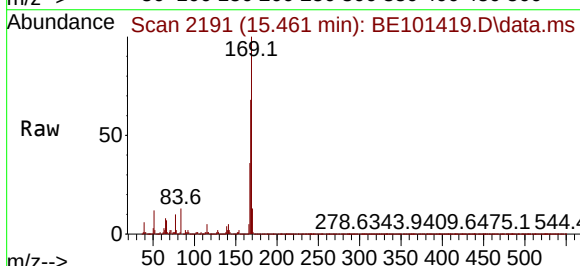
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

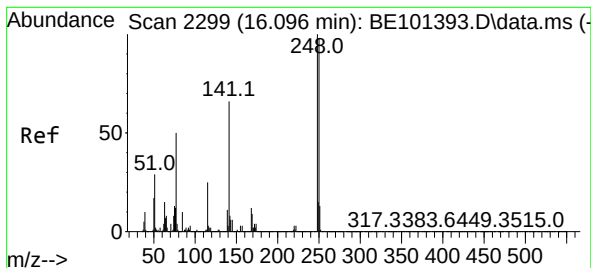
Tgt Ion:198	Resp:	53467
Ion Ratio	Lower	Upper
198	100	
51	38.4	18.2 58.2
105	42.3	21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 8.350 ng
RT: 15.461 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:169	Resp:	316659
Ion Ratio	Lower	Upper
169	100	
168	68.1	54.5 81.7
167	36.5	30.4 45.6

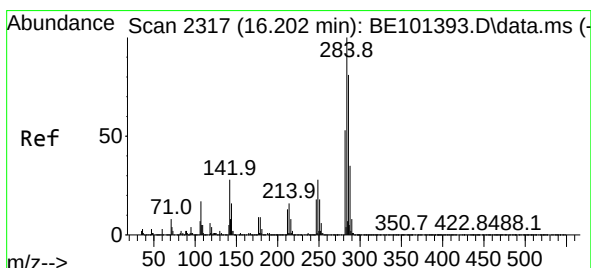
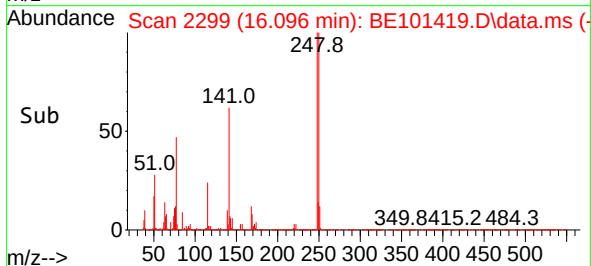
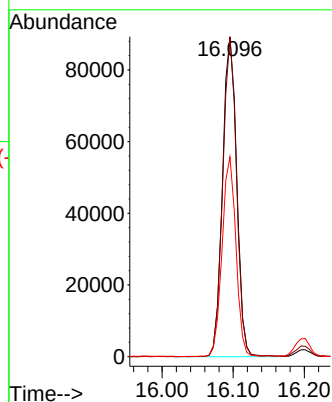
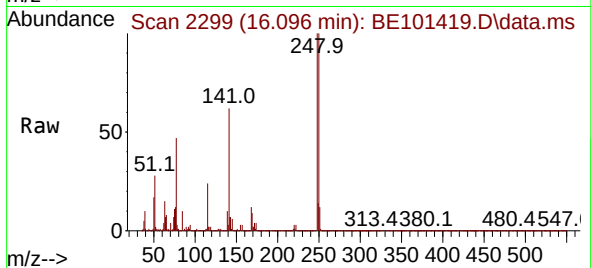




#67
4-Bromophenyl-phenylether
Concen: 8.165 ng
RT: 16.096 min Scan# 211
Delta R.T. -0.000 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

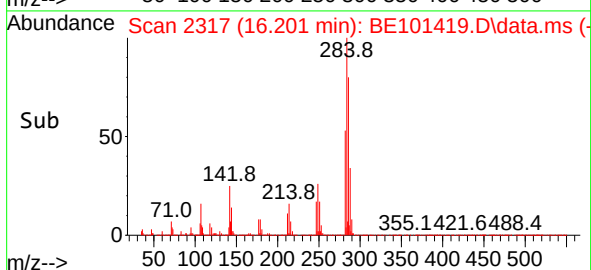
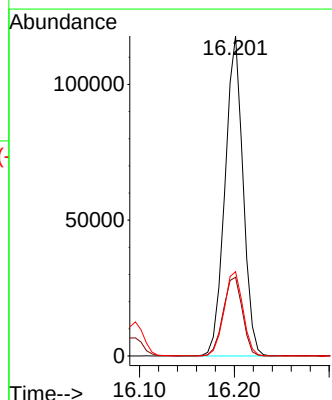
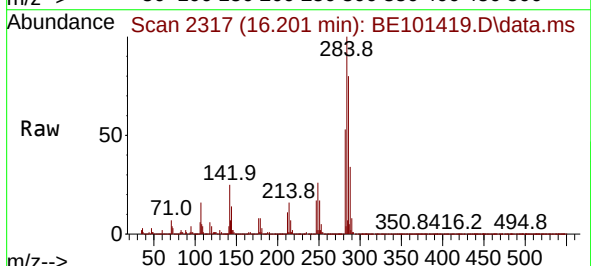
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

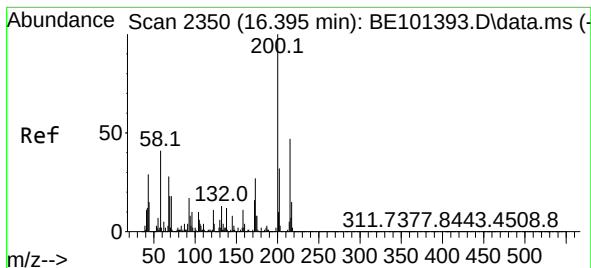
Tgt Ion:248 Resp: 122818
Ion Ratio Lower Upper
248 100
250 100.1 78.2 117.2
141 62.4 53.0 79.4



#68
Hexachlorobenzene
Concen: 7.908 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:284 Resp: 155930
Ion Ratio Lower Upper
284 100
142 24.6 22.2 33.2
249 26.4 22.8 34.2





#69

Atrazine

Concen: 10.139 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

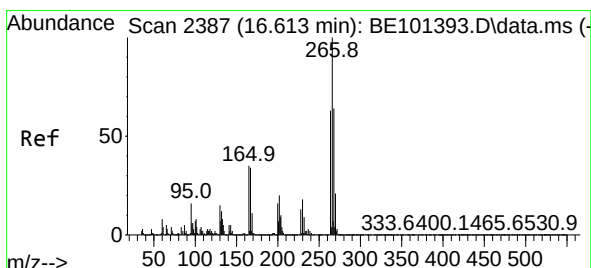
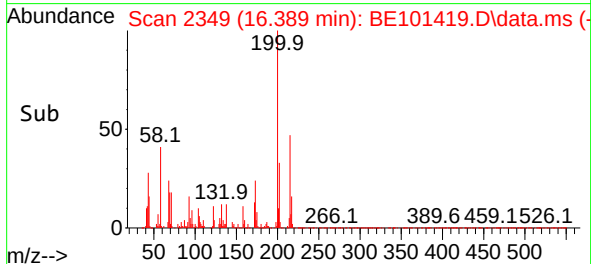
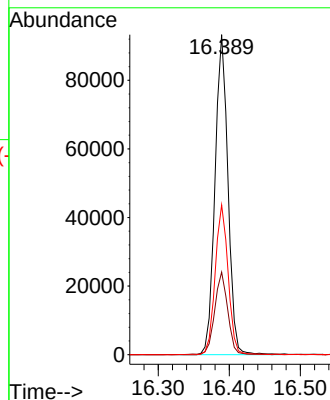
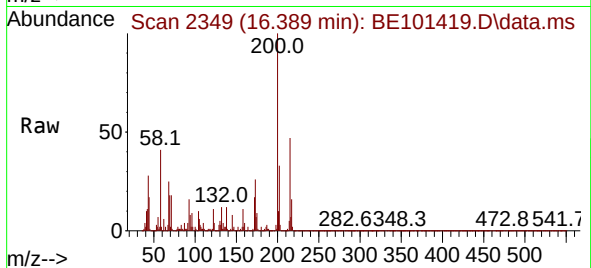
Tgt Ion:200 Resp: 117872

Ion Ratio Lower Upper

200 100

173 25.8 7.0 47.0

215 46.8 27.3 67.3



#70

Pentachlorophenol

Concen: 6.945 ng

RT: 16.607 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

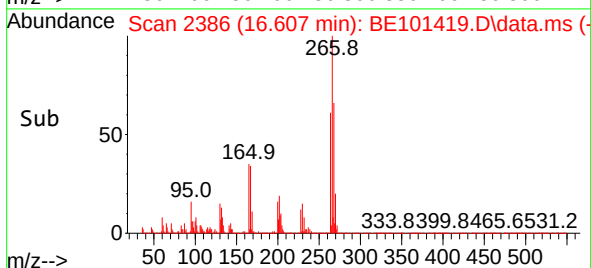
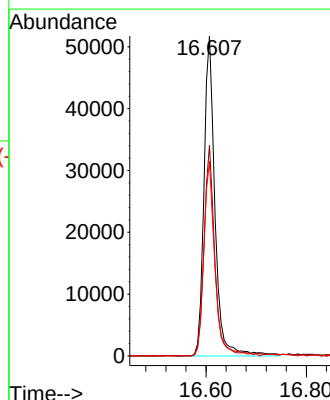
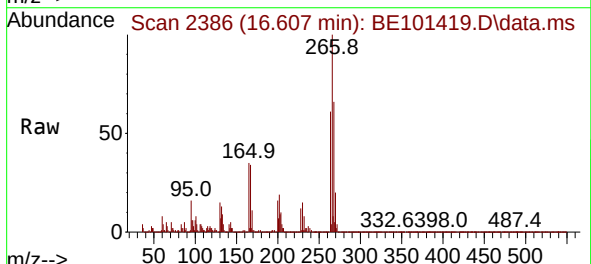
Tgt Ion:266 Resp: 78824

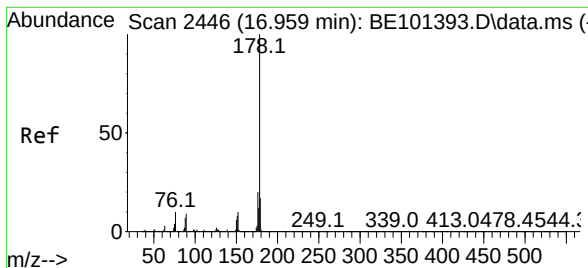
Ion Ratio Lower Upper

266 100

268 65.9 51.5 77.3

264 60.8 50.7 76.1





#71

Phenanthrene

Concen: 8.692 ng

RT: 16.953 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

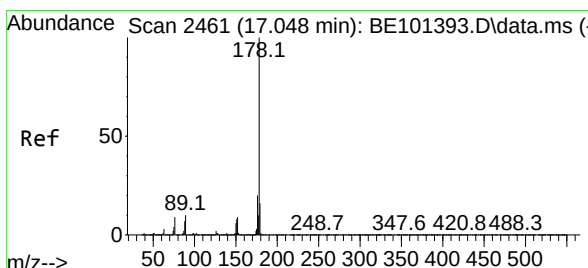
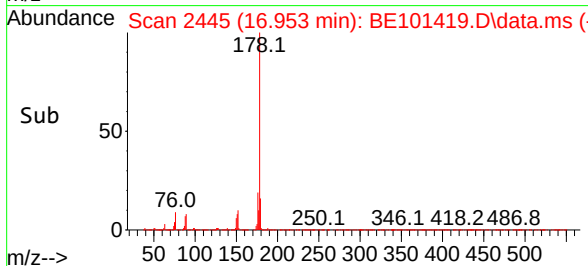
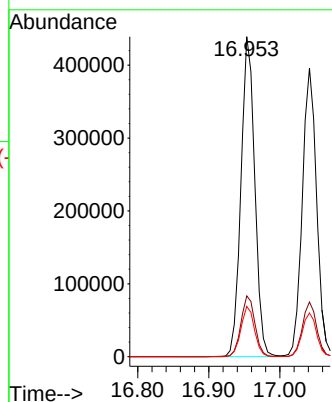
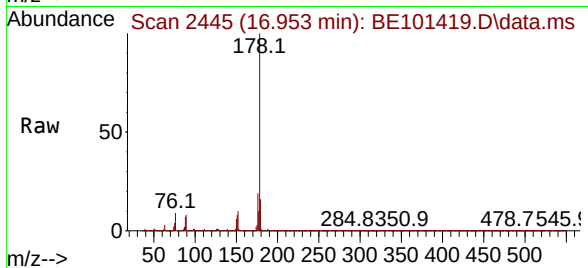
Tgt Ion:178 Resp: 595123

Ion Ratio Lower Upper

178 100

176 19.0 16.4 24.6

179 15.7 13.2 19.8



#72

Anthracene

Concen: 8.359 ng

RT: 17.041 min Scan# 2460

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

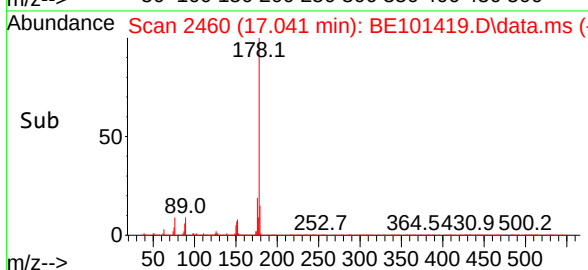
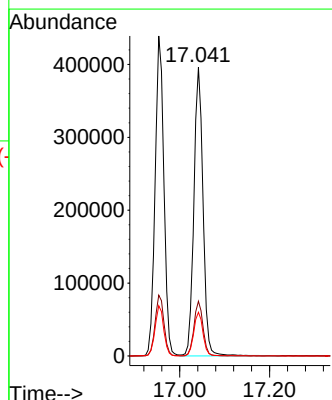
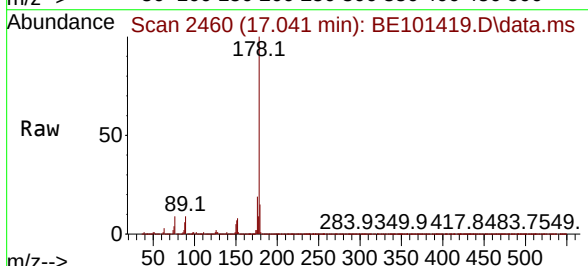
Tgt Ion:178 Resp: 558821

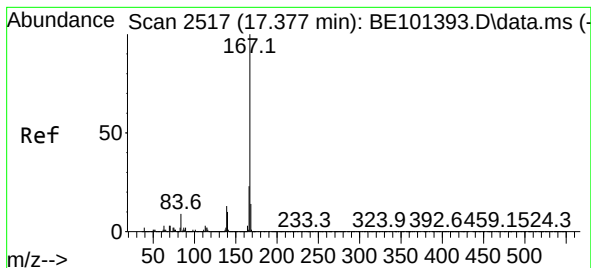
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.2 13.1 19.7





#73

Carbazole

Concen: 8.418 ng

RT: 17.371 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

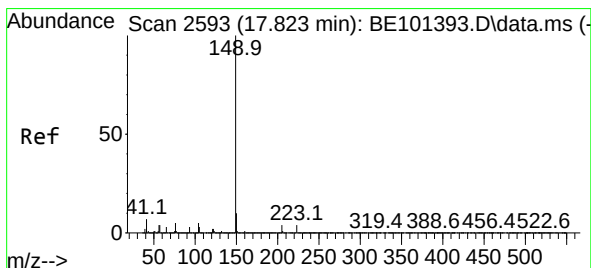
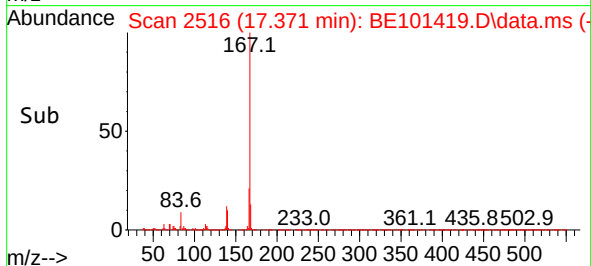
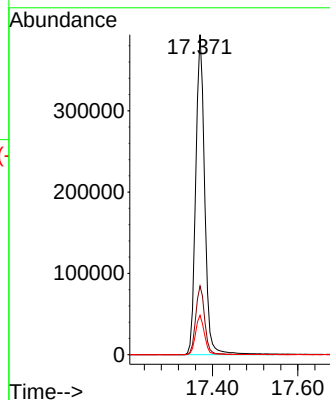
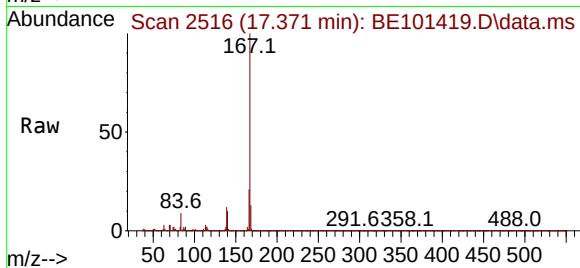
Tgt Ion:167 Resp: 575845

Ion Ratio Lower Upper

167 100

166 21.5 18.3 27.5

139 12.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 8.809 ng

RT: 17.823 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

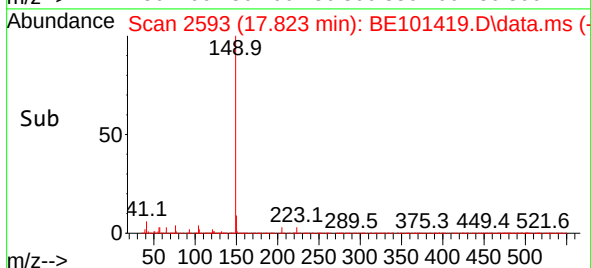
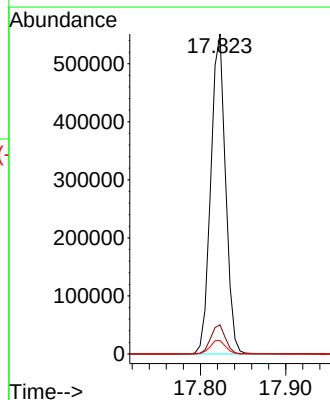
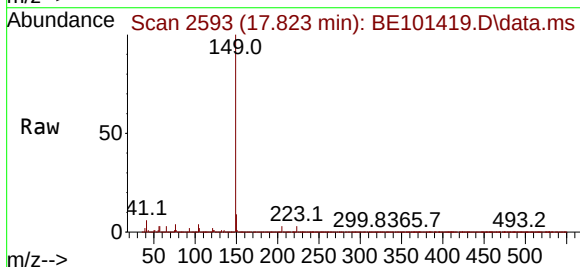
Tgt Ion:149 Resp: 663368

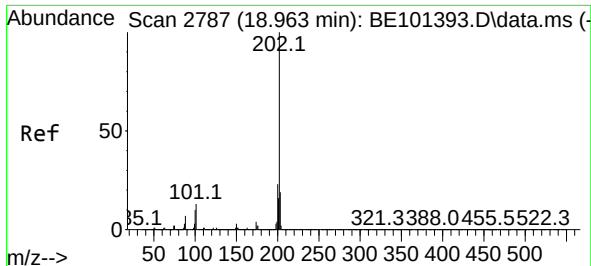
Ion Ratio Lower Upper

149 100

150 9.1 8.2 12.4

104 4.2 3.9 5.9

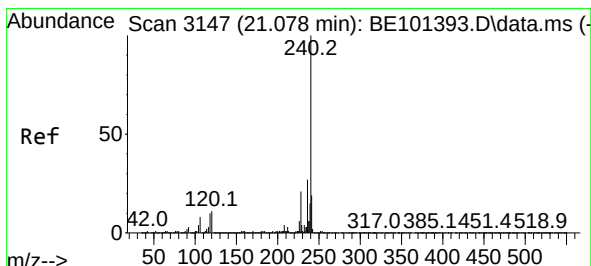
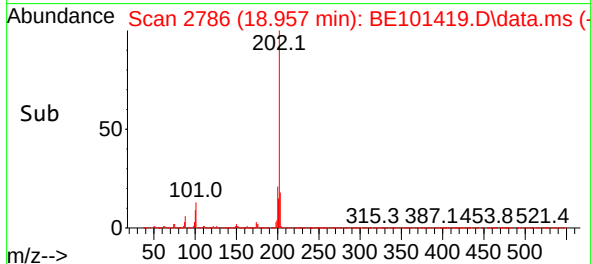
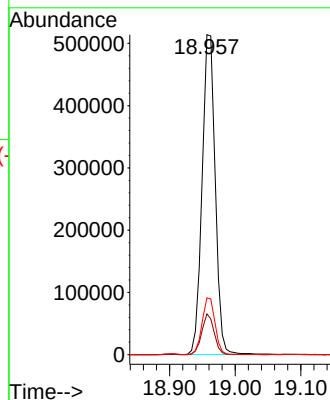
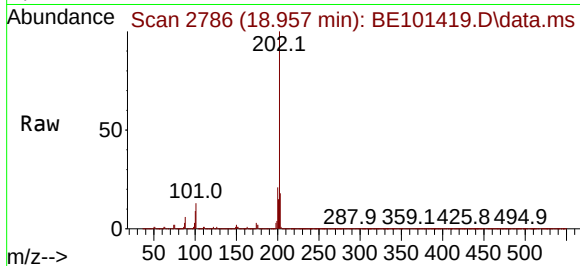




#75
Fluoranthene
Concen: 8.634 ng
RT: 18.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

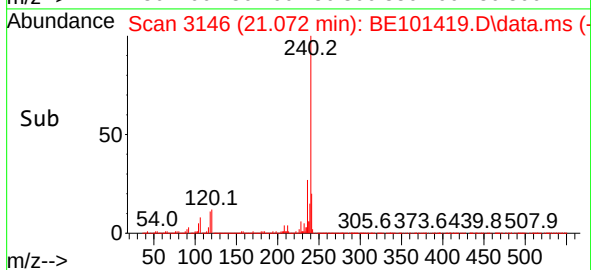
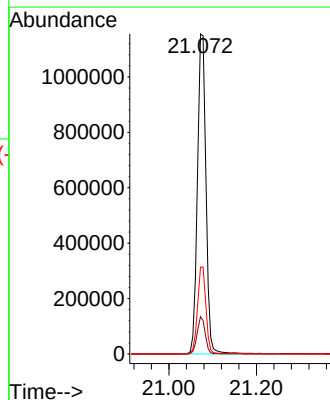
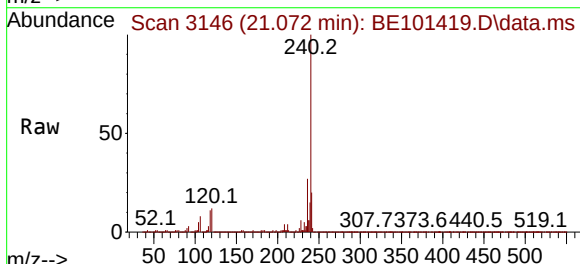
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

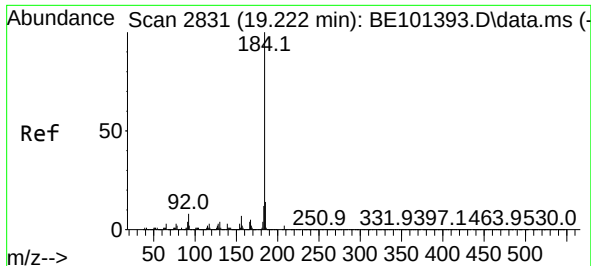
Tgt Ion:202 Resp: 718007
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.3
203 17.8 0.0 39.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:240 Resp: 1575417
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 27.2 21.4 32.0

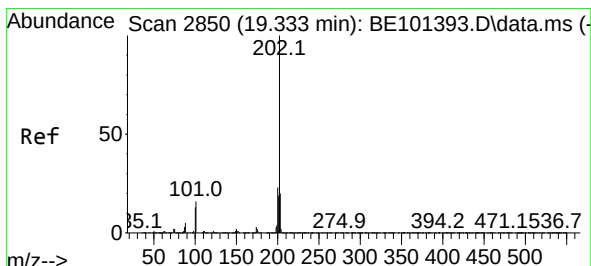
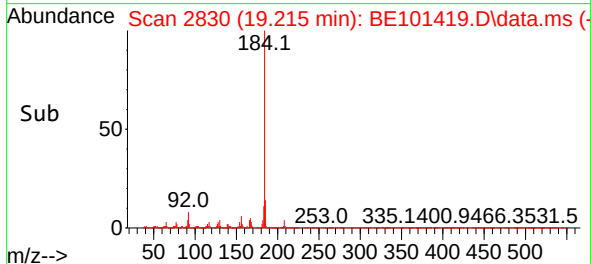
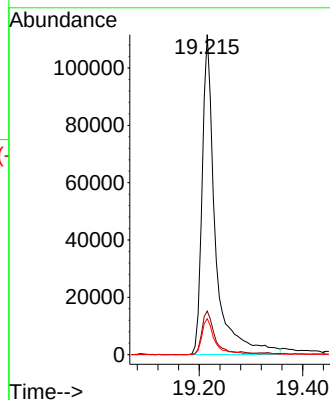
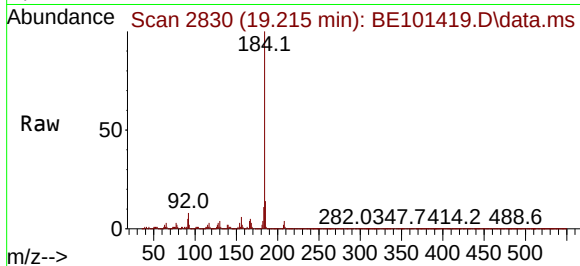




#77
Benzidine
Concen: 9.933 ng
RT: 19.215 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

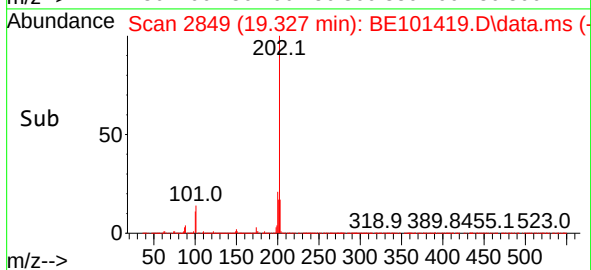
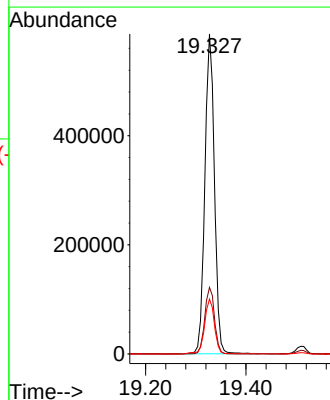
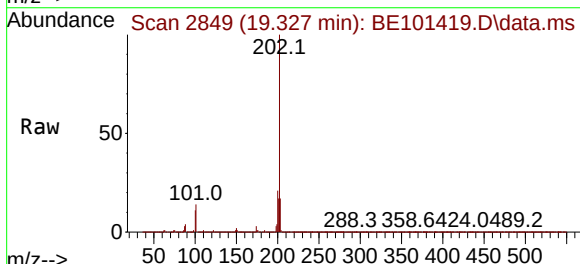
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

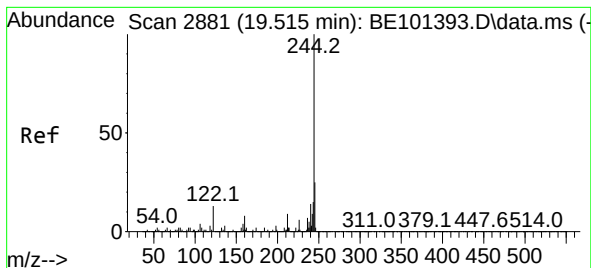
Tgt Ion:184 Resp: 198598
Ion Ratio Lower Upper
184 100
185 13.6 11.5 17.3
183 11.3 9.3 13.9



#78
Pyrene
Concen: 8.971 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BE101419.D
Acq: 30 Oct 2024 11:47

Tgt Ion:202 Resp: 777187
Ion Ratio Lower Upper
202 100
200 20.8 18.6 28.0
203 17.1 15.6 23.4





#79

Terphenyl-d14

Concen: 69.148 ng

RT: 19.509 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

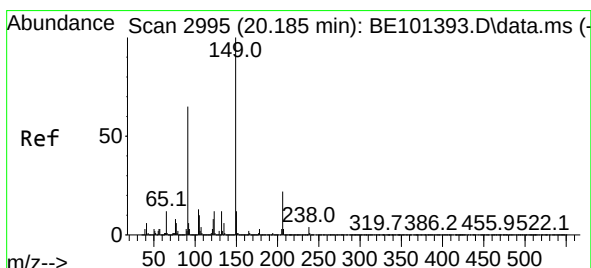
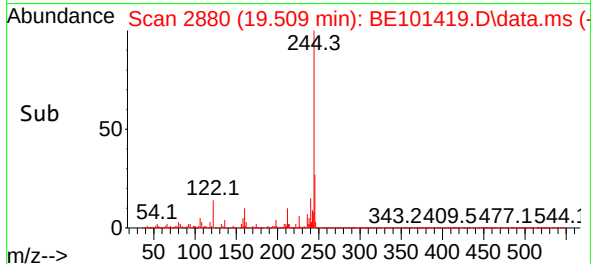
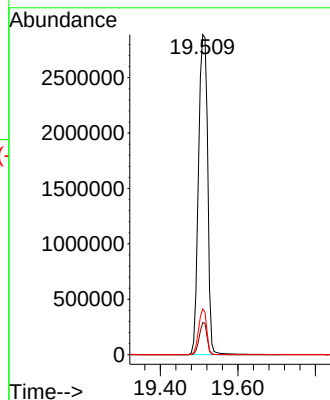
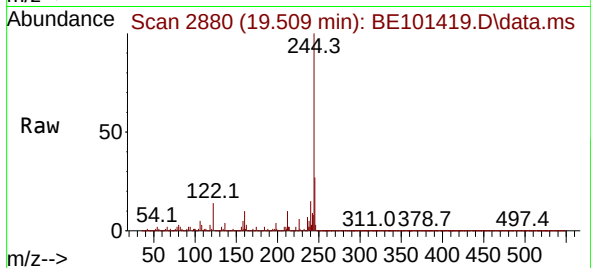
Tgt Ion:244 Resp: 4733219

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

122 14.3 10.4 15.6



#80

Butylbenzylphthalate

Concen: 8.799 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

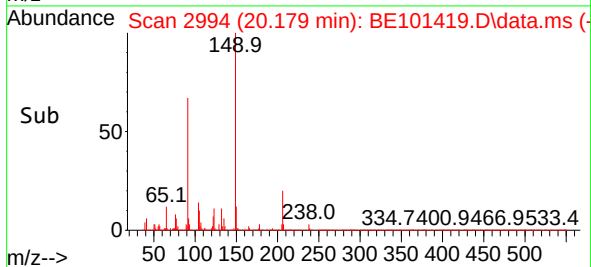
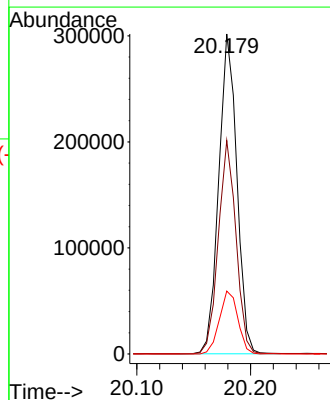
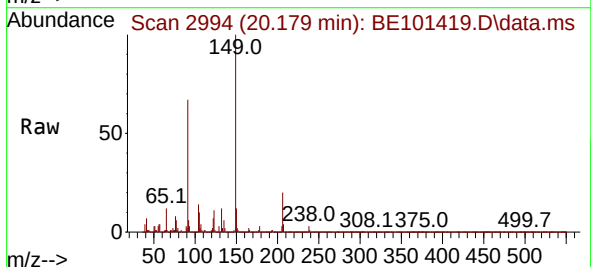
Tgt Ion:149 Resp: 334178

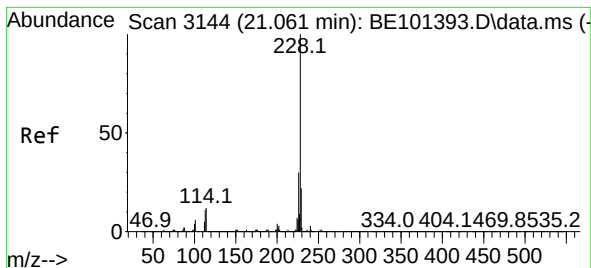
Ion Ratio Lower Upper

149 100

91 66.7 51.8 77.8

206 19.7 17.4 26.2





#81

Benzo(a)anthracene

Concen: 9.366 ng

RT: 21.054 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

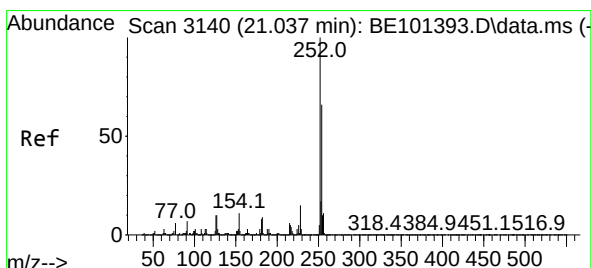
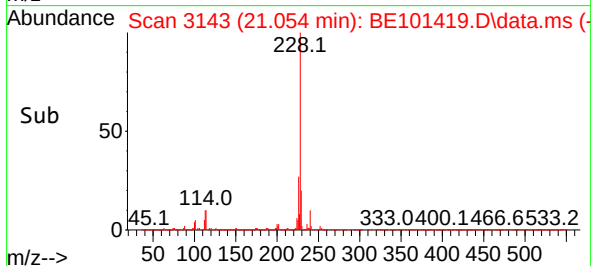
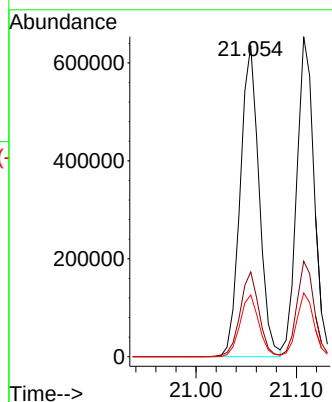
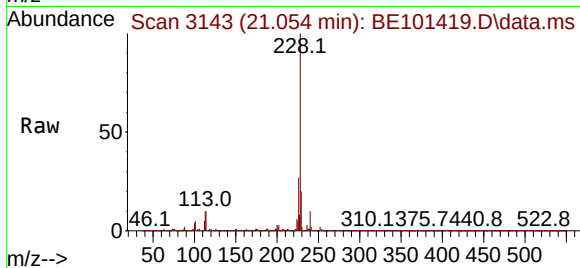
Tgt Ion:228 Resp: 829381

Ion Ratio Lower Upper

228 100

226 27.2 24.1 36.1

229 19.8 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 8.606 ng

RT: 21.031 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

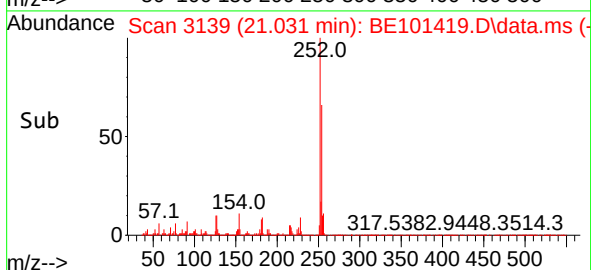
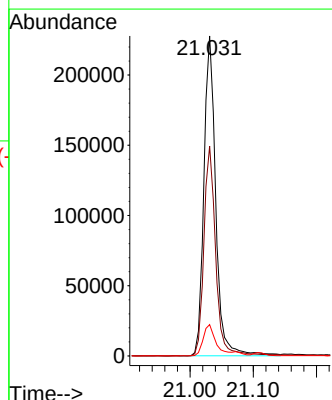
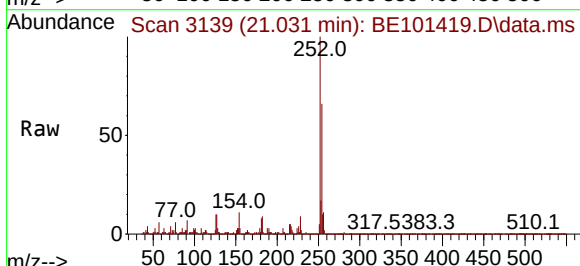
Tgt Ion:252 Resp: 298510

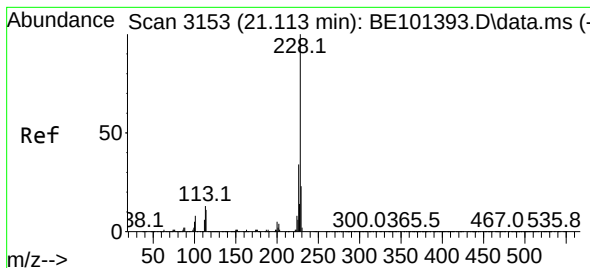
Ion Ratio Lower Upper

252 100

254 65.6 52.6 78.8

126 9.8 7.7 11.5





#83

Chrysene

Concen: 9.356 ng

RT: 21.107 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

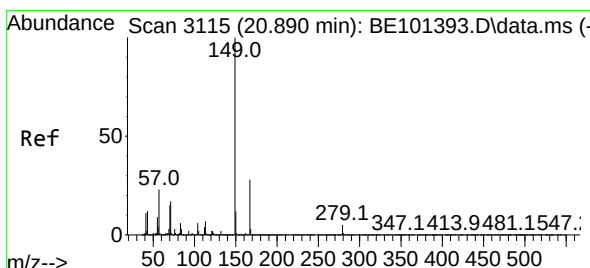
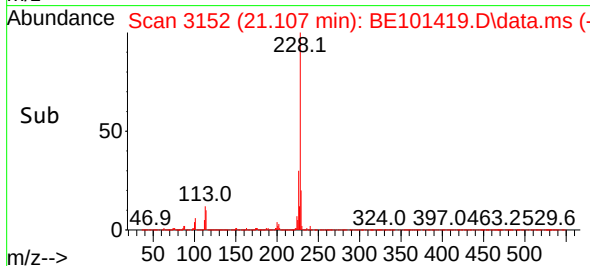
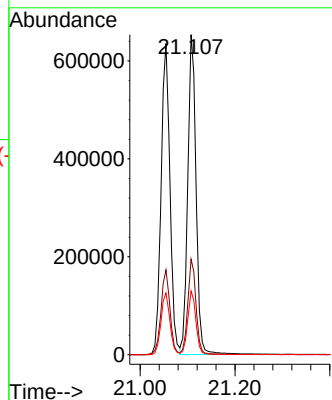
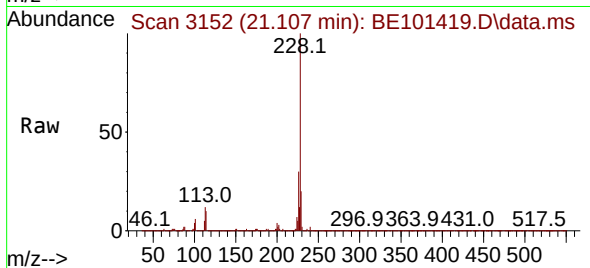
Tgt Ion:228 Resp: 801049

Ion Ratio Lower Upper

228 100

226 29.8 27.2 40.8

229 19.9 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.871 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

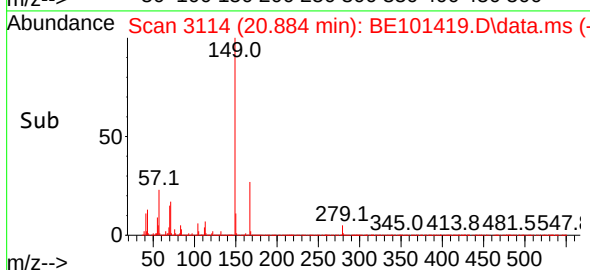
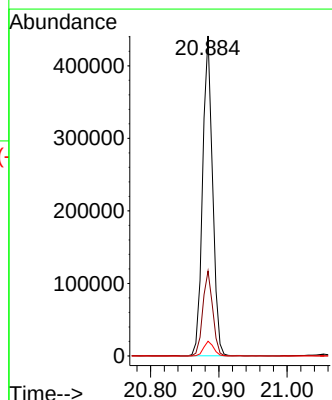
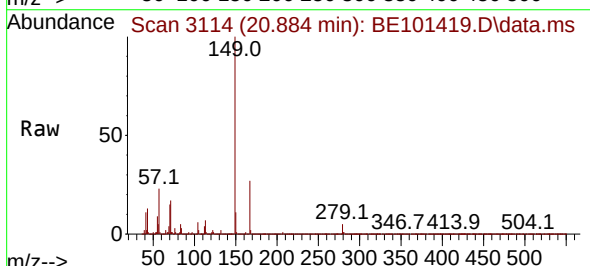
Tgt Ion:149 Resp: 447585

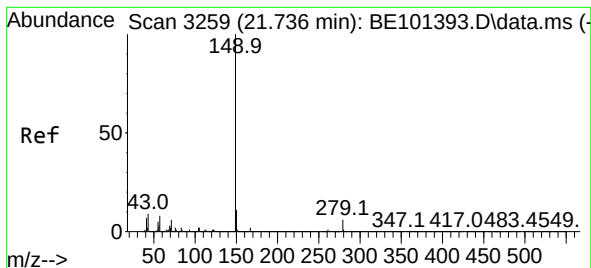
Ion Ratio Lower Upper

149 100

167 26.6 22.7 34.1

279 4.6 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 9.306 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

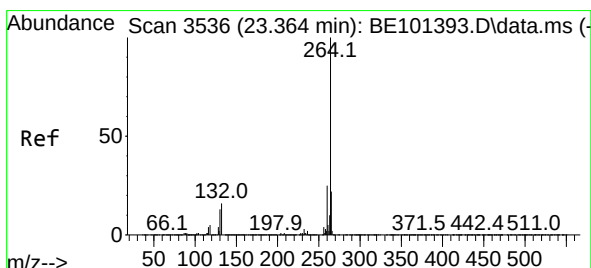
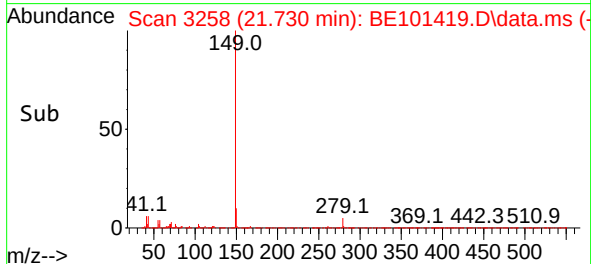
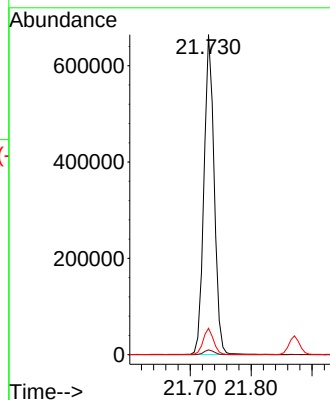
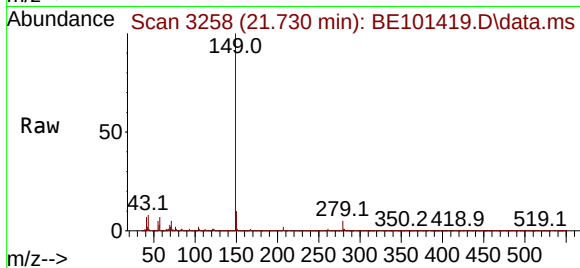
Tgt Ion:149 Resp: 770657

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 8.2 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.363 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

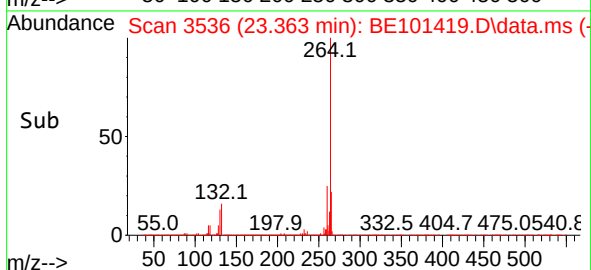
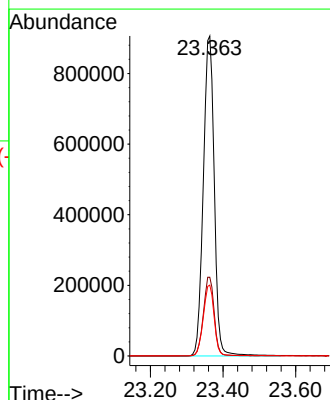
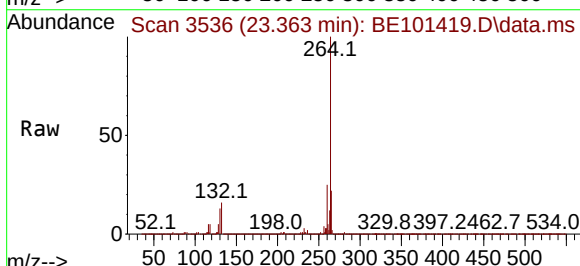
Tgt Ion:264 Resp: 1898815

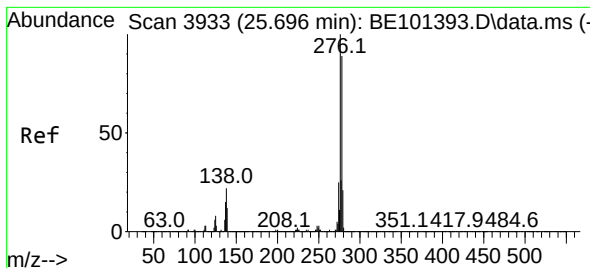
Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.989 ng

RT: 25.667 min Scan# 3928

Delta R.T. -0.030 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

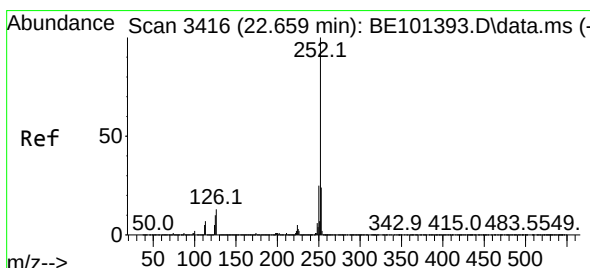
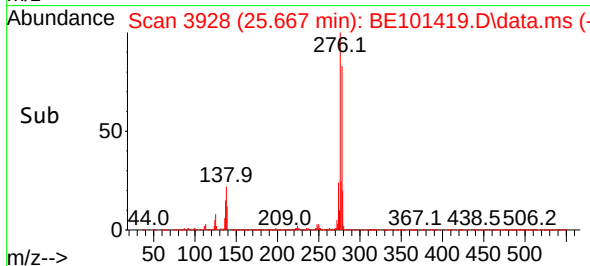
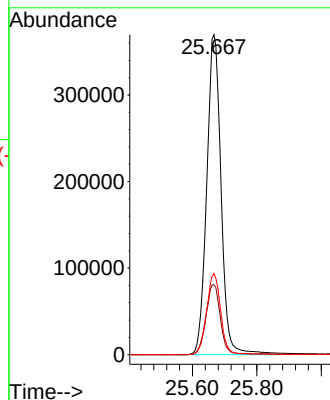
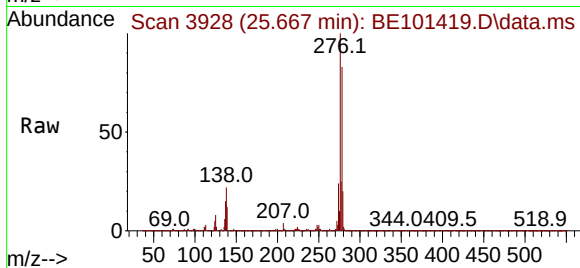
Tgt Ion:276 Resp: 1142319

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.8

277 25.0 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 8.869 ng

RT: 22.647 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

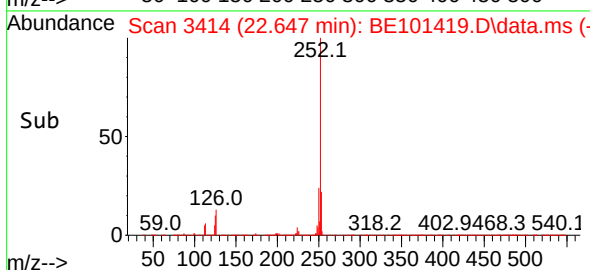
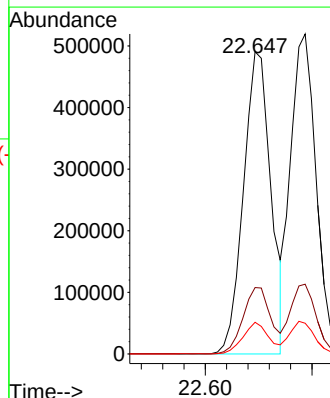
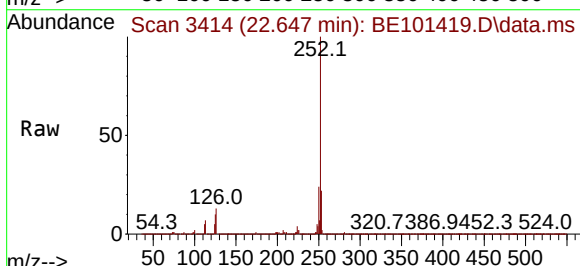
Tgt Ion:252 Resp: 877663

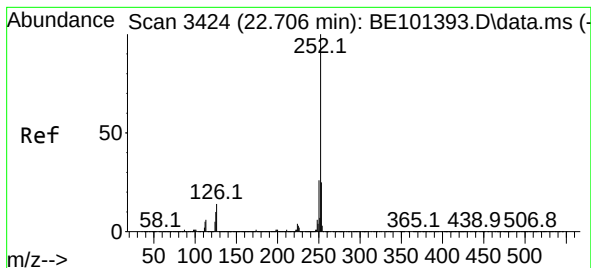
Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

125 10.5 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 9.507 ng

RT: 22.694 min Scan# 34

Delta R.T. -0.012 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

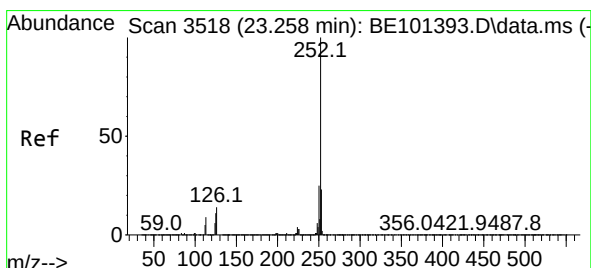
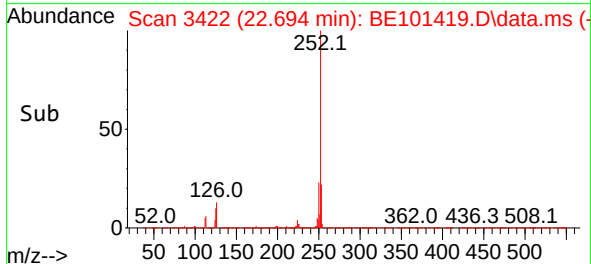
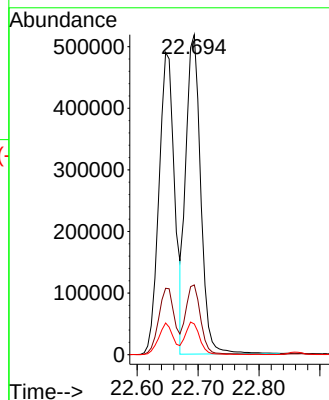
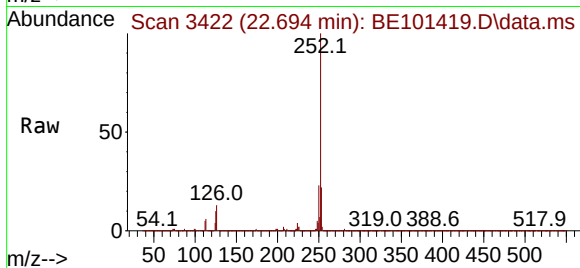
Tgt Ion:252 Resp: 878942

Ion Ratio Lower Upper

252 100

253 21.8 19.4 29.2

125 9.6 8.2 12.2



#90

Benzo(a)pyrene

Concen: 9.252 ng

RT: 23.246 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

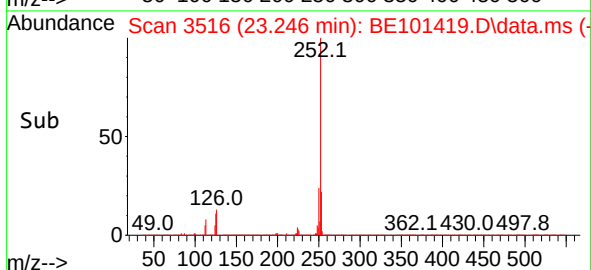
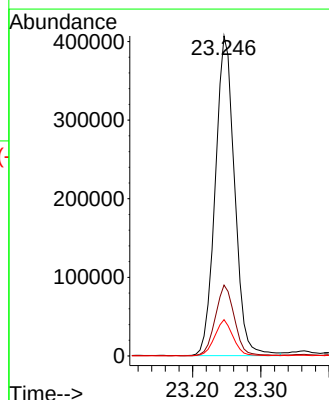
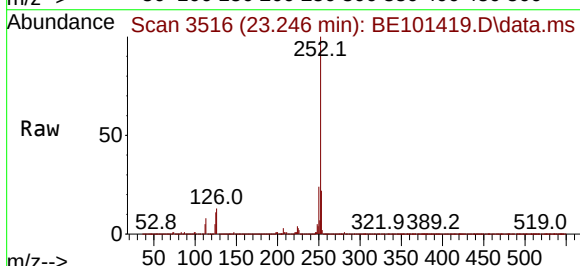
Tgt Ion:252 Resp: 800650

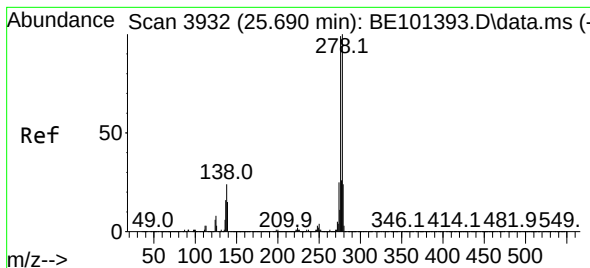
Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 8.883 ng

RT: 25.661 min Scan# 3932

Delta R.T. -0.030 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

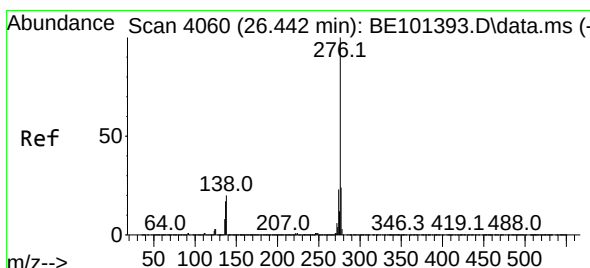
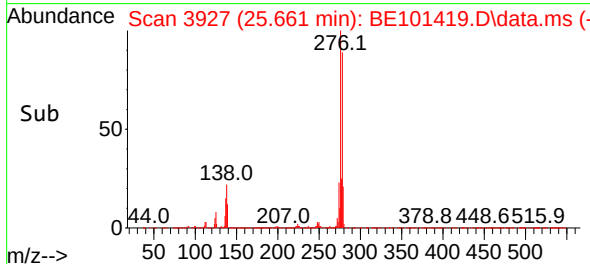
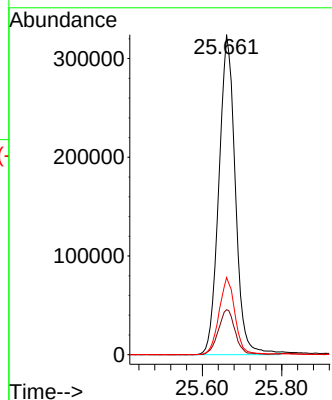
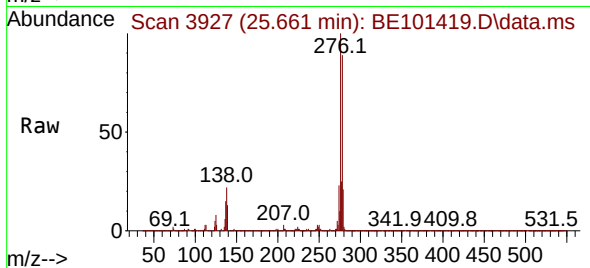
Tgt Ion:278 Resp: 932736

Ion Ratio Lower Upper

278 100

139 14.1 11.9 17.9

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 8.076 ng

RT: 26.413 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101419.D

Acq: 30 Oct 2024 11:47

Tgt Ion:276 Resp: 873792

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.2

138 19.4 15.8 23.6

