

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100721\
 Data File : BM032351.D
 Acq On : 07 Oct 2021 11:10
 Operator : CG/JU
 Sample : M3263-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Quant Time: Oct 07 11:57:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 07 09:34:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	313480	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1350080	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	864911	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1777245	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1709787	20.00	ng/ul	0.00
88) Perylene-d12	23.300	264	1625789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	41882	5.36	ng/uL	0.00
4) Pyridine-d5	3.390	84	439484	19.90	ng/ul	0.00
7) Phenol-d5	6.807	99	728606	27.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.948	67	449041	29.34	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	588419	28.91	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	577994	26.85	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	272551	28.61	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	296609	28.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	555108	27.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	793128	26.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	1710709	28.58	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1969285	27.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	310950	26.45	ng/ul	0.00
60) Fluorene-d10	15.254	176	1459212	28.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	245325	24.22	ng/ul	0.00
73) Anthracene-d10	17.089	188	2172235	28.08	ng/ul	0.00
81) Pyrene-d10	19.377	212	2474392	28.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	2526447	31.03	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.002	88	9325	1.10	ng/uL	99
5) Pyridine	3.413	79	84112	3.85	ng/ul#	82
6) Benzaldehyde	6.748	77	56984	4.54	ng/ul	98
8) Phenol	6.837	94	98383	3.64	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.043	93	83472	3.93	ng/ul	99
12) 2-Chlorophenol	7.190	128	78940	3.75	ng/ul	97
13) 2-Methylphenol	8.084	108	67515	3.26	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.154	45	98694	3.75	ng/ul	99
16) Acetophenone	8.437	105	120161	3.81	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.431	70	55657	3.57	ng/ul	99
18) 4-Methylphenol	8.407	108	79151	3.65	ng/ul	100
19) Hexachloroethane	8.707	117	30609	3.66	ng/ul	100
22) Nitrobenzene	8.813	77	83885	3.71	ng/ul	97
23) Isophorone	9.337	82	143872	3.30	ng/ul	99
25) 2-Nitrophenol	9.531	139	40681	3.63	ng/ul	98
26) 2,4-Dimethylphenol	9.601	107	81012	3.38	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.819	93	102677	3.55	ng/ul	98
29) 2,4-Dichlorophenol	10.066	162	74398	3.70	ng/ul	91
30) Naphthalene	10.460	128	265438	3.84	ng/ul	99
32) 4-Chloroaniline	10.566	127	106956	3.53	ng/ul	94
33) Hexachlorobutadiene	10.766	225	47818	3.68	ng/ul	98
34) Caprolactam	11.289	113	32930	4.54	ng/ul	98
35) 4-Chloro-3-methylphenol	11.707	107	70072	3.16	ng/ul	99
36) 2-Methylnaphthalene	12.072	142	179563	3.82	ng/ul	96

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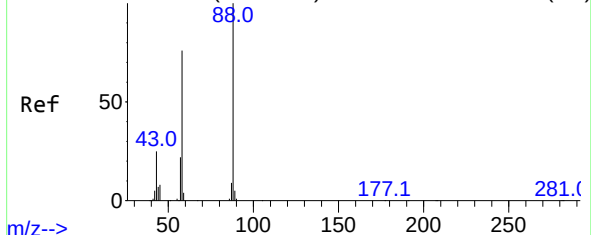
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	178148	3.72	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.460	216	91336	3.83	ng/ul	99
40) Hexachlorocyclopentadiene	12.448	237	60726	4.37	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	50129	3.28	ng/ul	90
42) 2,4,5-Trichlorophenol	12.766	196	53595	3.20	ng/ul	99
43) 1,1'-Biphenyl	13.095	154	238887	3.85	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	177259	3.75	ng/ul	99
45) 2-Nitroaniline	13.336	65	37917	3.00	ng/ul	93
47) Dimethylphthalate	13.719	163	225890	3.77	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	31023	2.78	ng/ul	90
50) Acenaphthylene	13.983	152	285867	3.72	ng/ul	100
51) 3-Nitroaniline	14.160	138	32480	2.78	ng/ul#	96
52) Acenaphthene	14.330	153	198186	3.90	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	29910	4.16	ng/ul	90
55) 4-Nitrophenol	14.483	109	33298	3.51	ng/ul	93
56) Dibenzofuran	14.666	168	288742	3.92	ng/ul	97
57) 2,4-Dinitrotoluene	14.619	165	49941	3.02	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.901	232	45684	3.36	ng/ul	98
59) Diethylphthalate	15.083	149	210283	3.52	ng/ul	100
61) Fluorene	15.313	166	230475	4.07	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.307	204	114334	4.00	ng/ul	96
63) 4-Nitroaniline	15.319	138	34107	3.16	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.383	198	33468	3.36	ng/ul#	75
67) N-Nitrosodiphenylamine	15.513	169	186993	3.77	ng/ul	99
68) 4-Bromophenyl-phenylether	16.189	248	60714	3.54	ng/ul	98
69) Hexachlorobenzene	16.324	284	73105	3.71	ng/ul	98
70) Atrazine	16.454	200	76472	4.08	ng/ul	98
71) Pentachlorophenol	16.660	266	50792	4.27	ng/ul	99
72) Phenanthrene	17.036	178	364918	3.98	ng/ul	99
74) Anthracene	17.124	178	349411	3.79	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	93950	3.77	ng/uL	96
76) Pentachlorobenzene	14.601	250	92796	3.74	ng/uL	98
77) Carbazole	17.389	167	307290	3.74	ng/ul	98
78) Di-n-butylphthalate	17.948	149	321704	3.39	ng/ul	99
80) Fluoranthene	19.042	202	403109	3.80	ng/ul	99
82) Pyrene	19.406	202	442705	4.06	ng/ul	98
83) Butylbenzylphthalate	20.295	149	125952	3.04	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.077	252	104611	3.37	ng/ul	97
85) Benzo(a)anthracene	21.142	228	389055	3.77	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.065	149	191446	3.33	ng/ul	99
87) Chrysene	21.195	228	391826	3.86	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	288759	3.12	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	398268	4.03	ng/ul	100
91) Benzo(k)fluoranthene	22.700	252	376648	4.20	ng/ul	99
93) Benzo(a)pyrene	23.206	252	361824	3.87	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.418	276	387143	3.74	ng/ul	99
95) Dibenzo(a,h)anthracene	25.418	278	333976	3.76	ng/ul	98
96) Benzo(g,h,i)perylene	26.071	276	331913	3.67	ng/ul	99

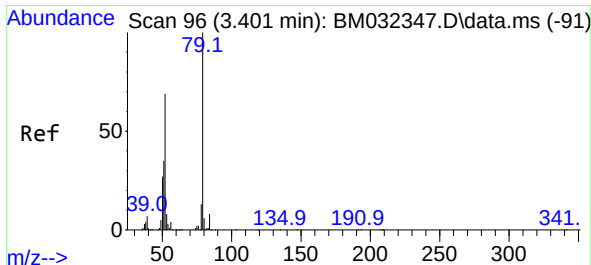
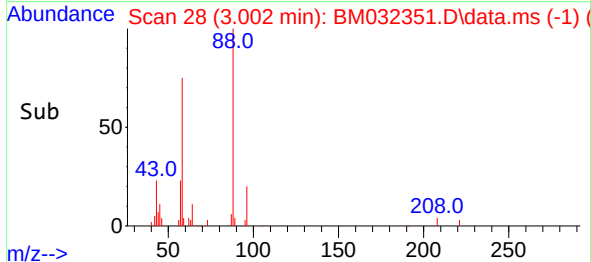
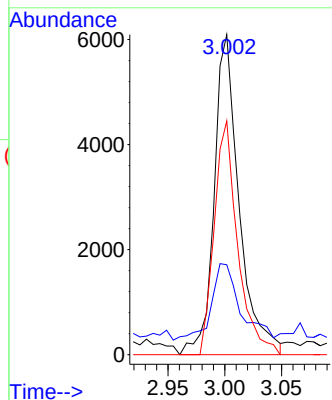
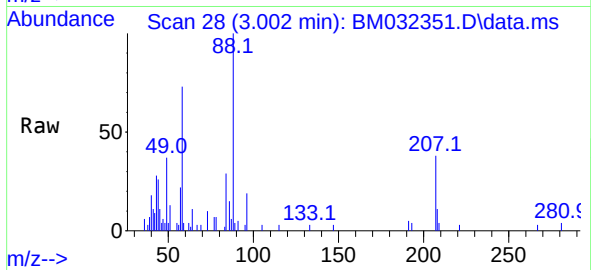
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Abundance Scan 27 (2.996 min): BM032347.D\data.ms (-22)



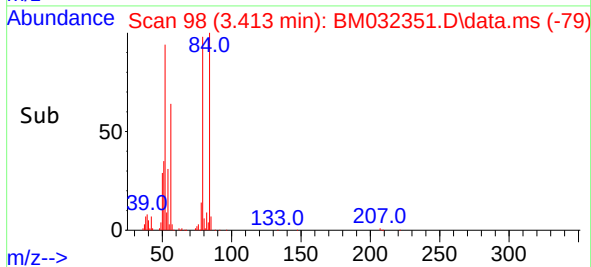
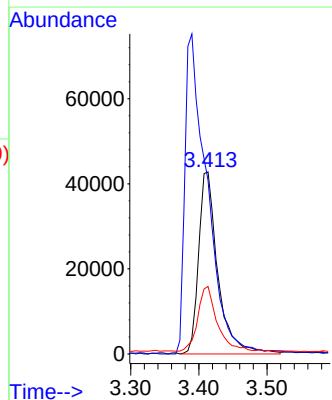
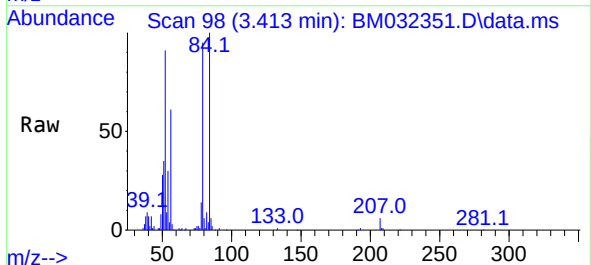
#2
1,4-Dioxane
Concen: 1.10 ng/uL
RT: 3.002 min Scan# 28
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 88 Resp: 9325
Ion Ratio Lower Upper
88 100
43 28.1 22.2 33.2
58 73.0 59.5 89.3

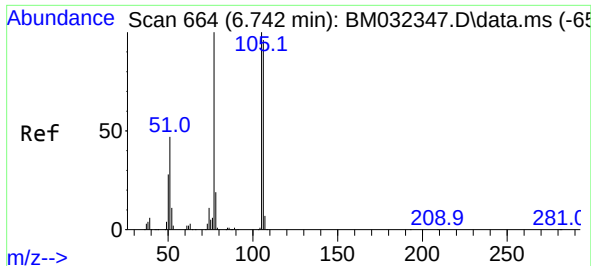


#5
Pyridine
Concen: 3.85 ng/uL
RT: 3.413 min Scan# 98
Delta R.T. 0.012 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 79 Resp: 84112
Ion Ratio Lower Upper
79 100
52 95.4 59.4 89.0#
51 37.1 28.1 42.1



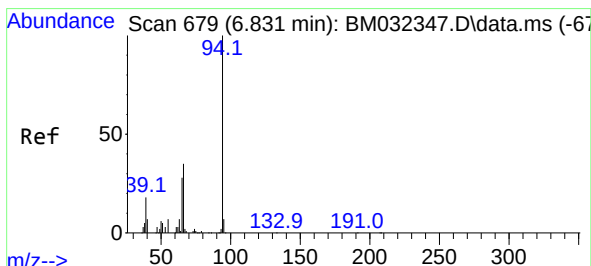
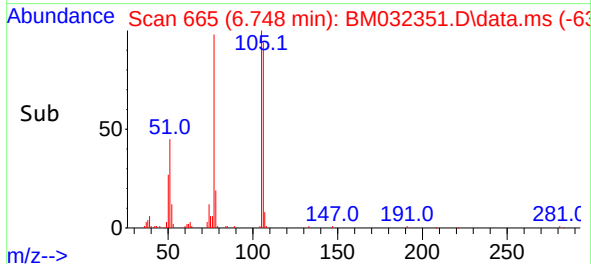
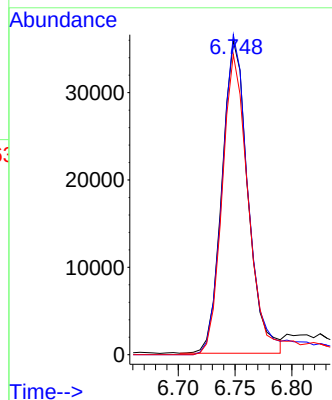
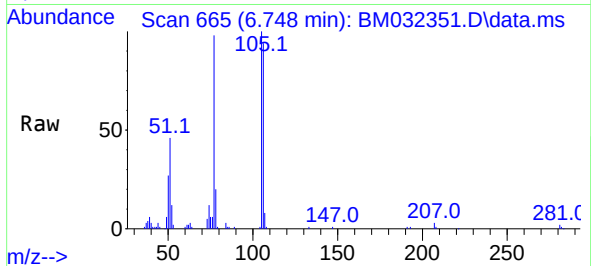
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08



#6
Benzaldehyde
Concen: 4.54 ng/ul
RT: 6.748 min Scan# 665
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

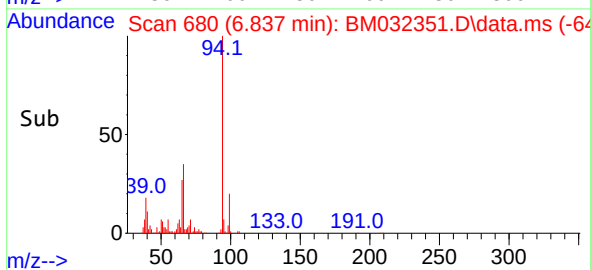
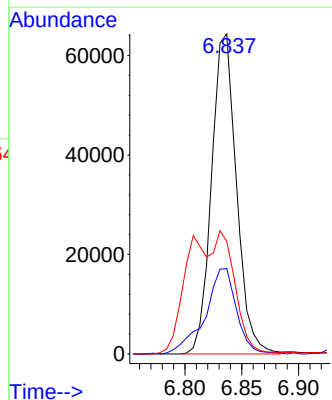
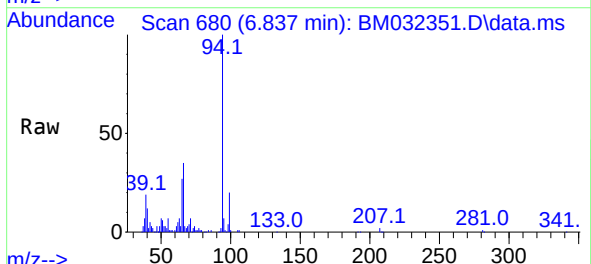
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ClientSampleId :
MDL-SOIL-QT4-2021-08

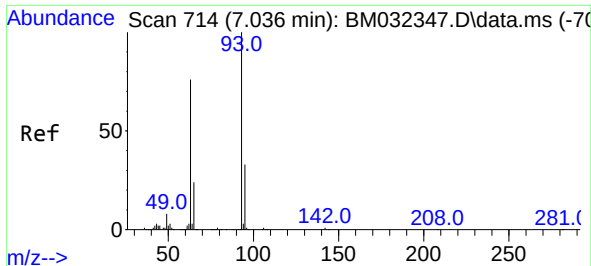
Tgt Ion: 77 Resp: 56984
Ion Ratio Lower Upper
77 100
105 101.9 79.5 119.3
106 95.6 75.7 113.5



#8
Phenol
Concen: 3.64 ng/ul
RT: 6.837 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 94 Resp: 98383
Ion Ratio Lower Upper
94 100
65 26.7 22.3 33.5
66 35.2 29.5 44.3

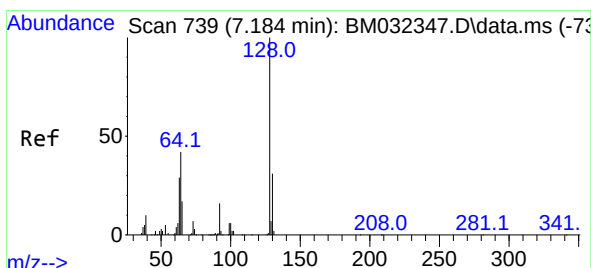
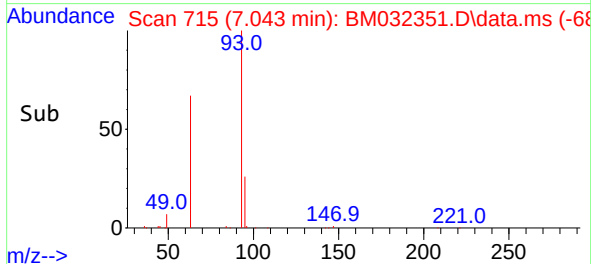
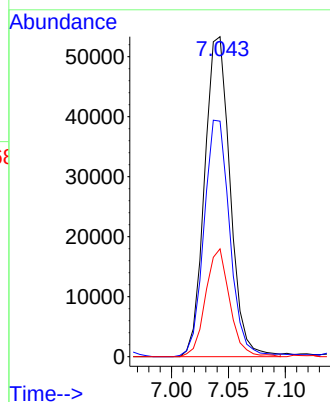
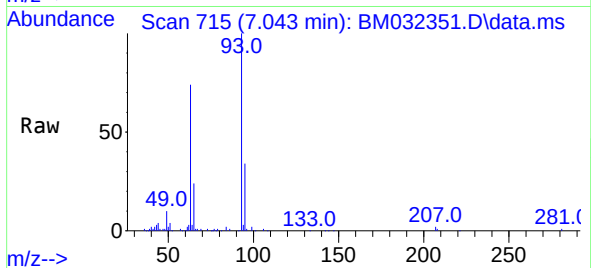




#10
Bis(2-Chloroethyl)ether
Concen: 3.93 ng/ul
RT: 7.043 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

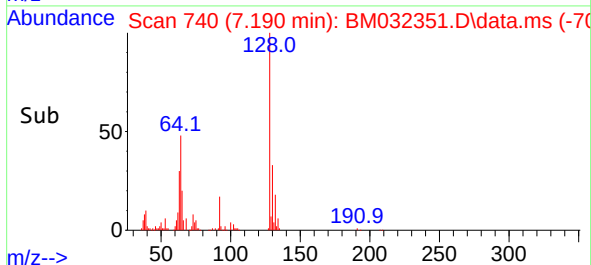
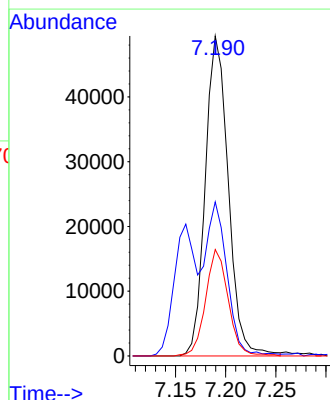
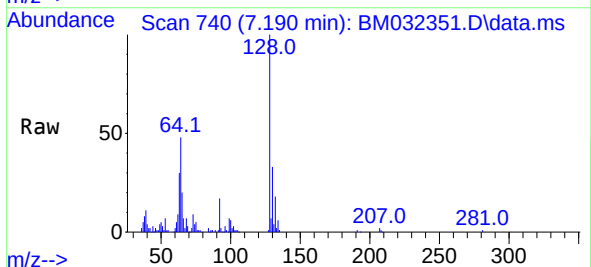
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

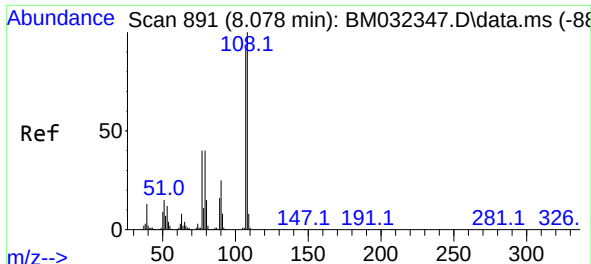
Tgt Ion:	93	Resp:	83472
Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.1	88.7
95	33.7	26.0	39.0



#12
2-Chlorophenol
Concen: 3.75 ng/ul
RT: 7.190 min Scan# 740
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	128	Resp:	78940
Ion	Ratio	Lower	Upper
128	100		
64	48.1	36.2	54.4
130	33.2	26.6	39.8

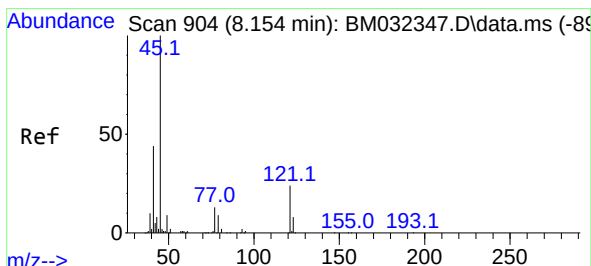
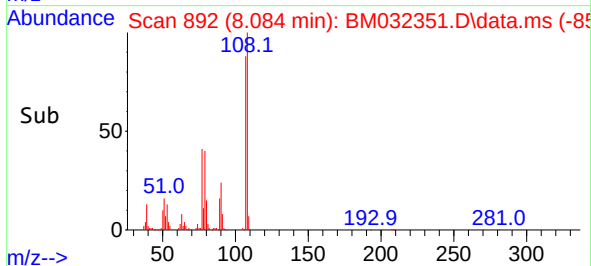
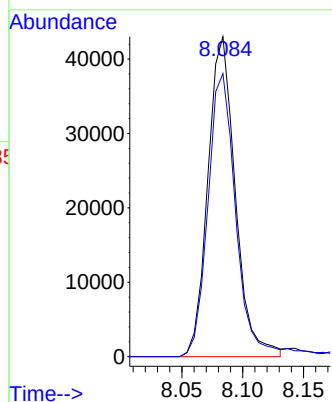
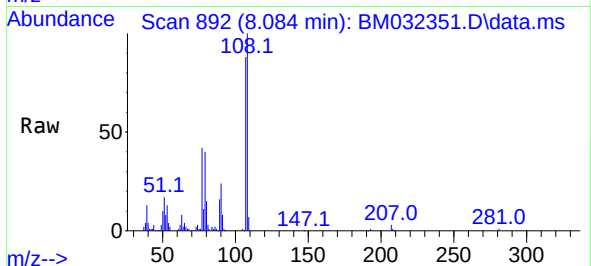




#13
2-Methylphenol
Concen: 3.26 ng/ul
RT: 8.084 min Scan# 892
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

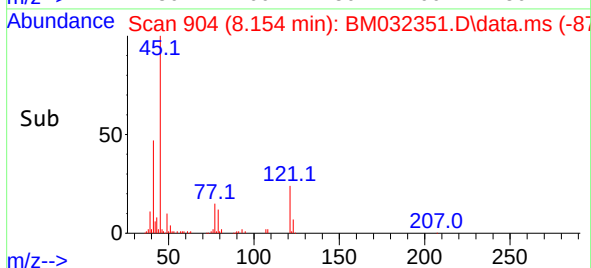
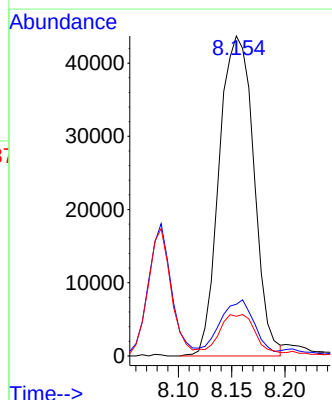
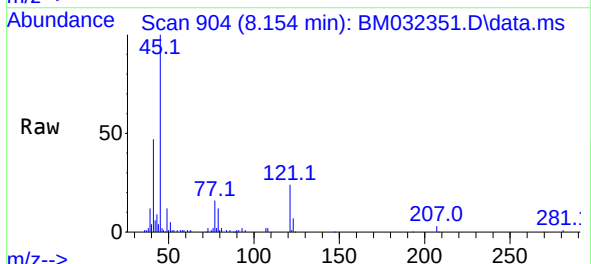
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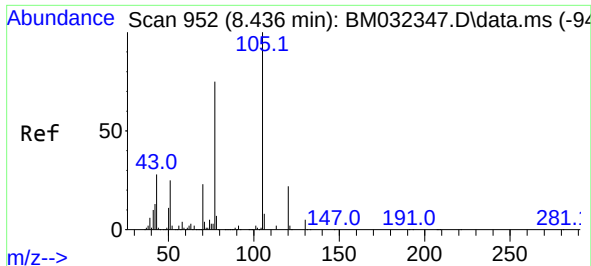
Tgt Ion:108 Resp: 67515
Ion Ratio Lower Upper
108 100
107 88.4 71.0 106.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.75 ng/ul
RT: 8.154 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 45 Resp: 98694
Ion Ratio Lower Upper
45 100
77 16.1 12.8 19.2
79 12.4 9.6 14.4



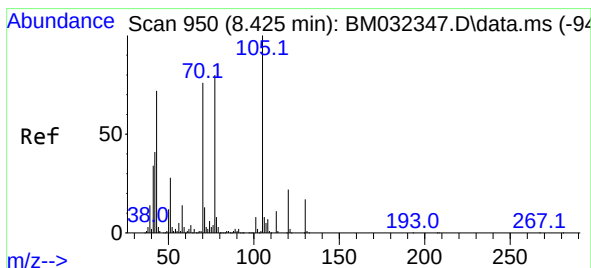
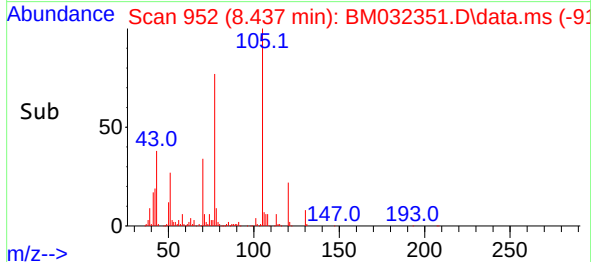
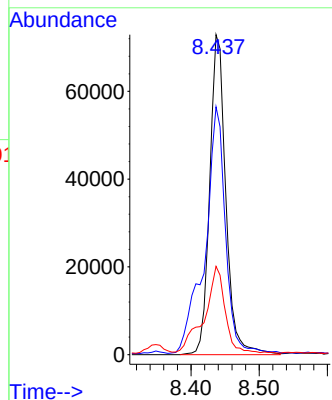
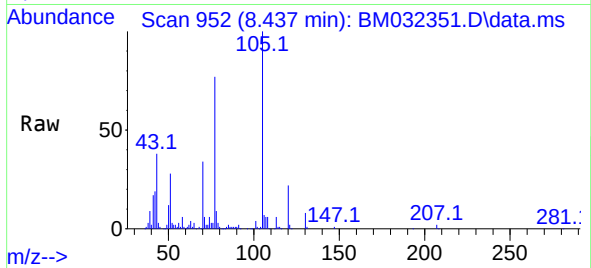


#16
Acetophenone
Concen: 3.81 ng/ul
RT: 8.437 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:105 Resp: 120161

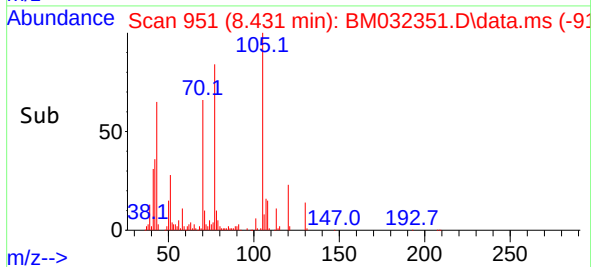
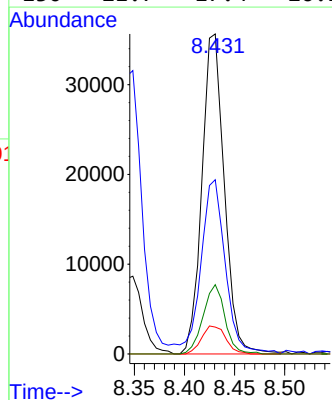
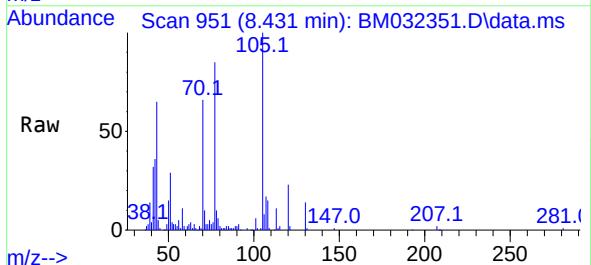
Ion	Ratio	Lower	Upper
105	100		
77	77.5	60.9	91.3
51	27.6	20.5	30.7

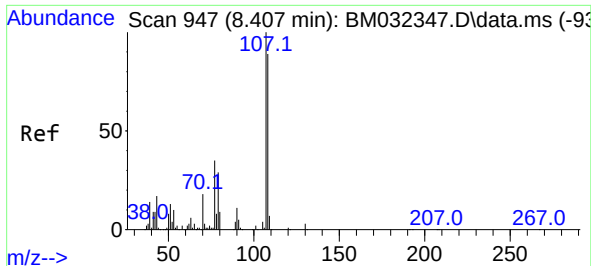


#17
N-Nitroso-di-n-propylamine
Concen: 3.57 ng/ul
RT: 8.431 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 70 Resp: 55657

Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.2	66.2
101	8.4	8.2	12.2
130	21.7	17.4	26.2

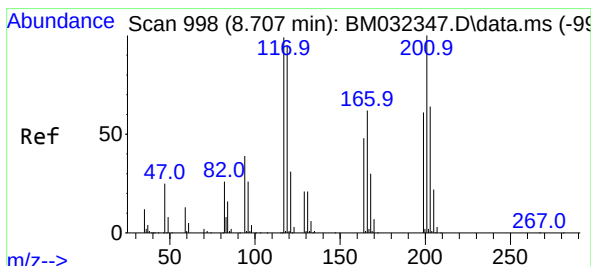
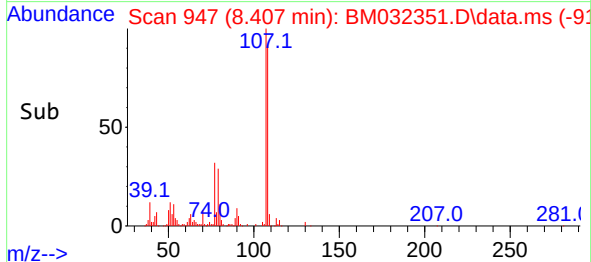
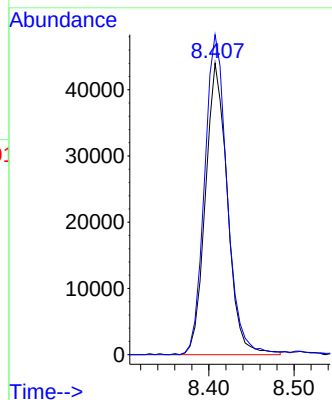
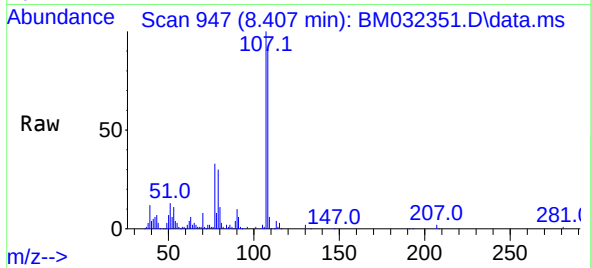




#18
4-Methylphenol
Concen: 3.65 ng/ul
RT: 8.407 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

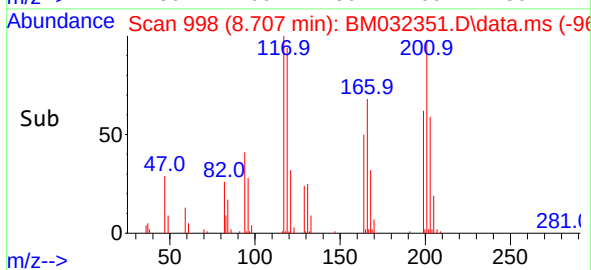
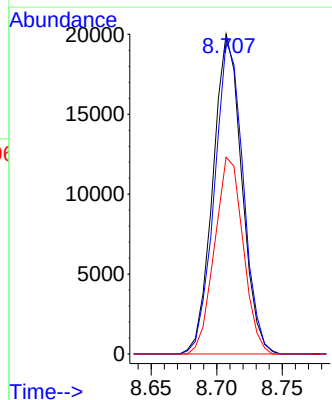
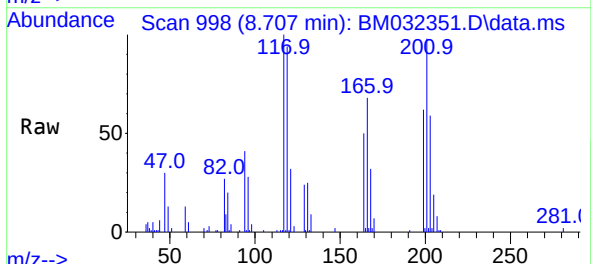
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

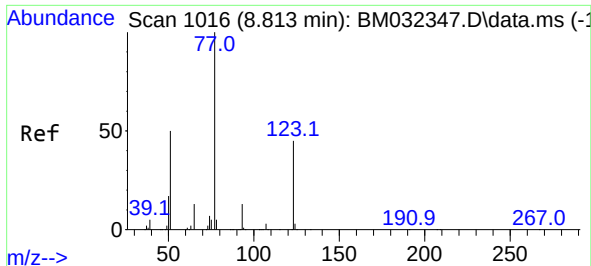
Tgt Ion:108 Resp: 79151
Ion Ratio Lower Upper
108 100
107 109.7 87.9 131.9



#19
Hexachloroethane
Concen: 3.66 ng/ul
RT: 8.707 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:117 Resp: 30609
Ion Ratio Lower Upper
117 100
201 98.1 78.9 118.3
199 61.5 49.0 73.6

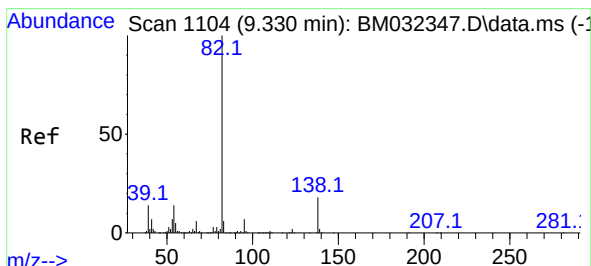
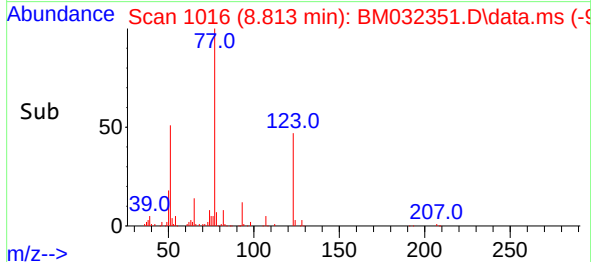
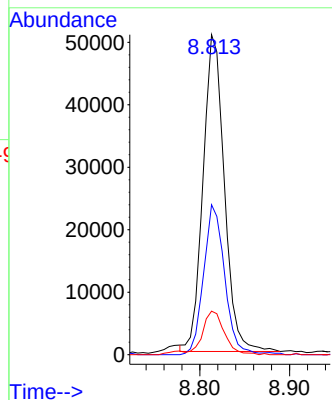
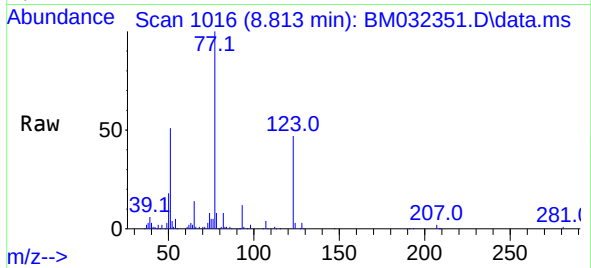




#22
Nitrobenzene
Concen: 3.71 ng/ul
RT: 8.813 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

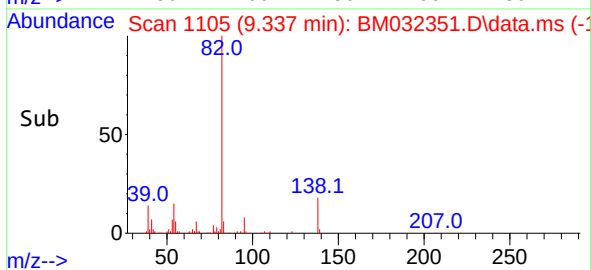
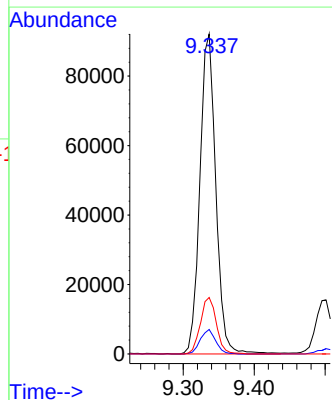
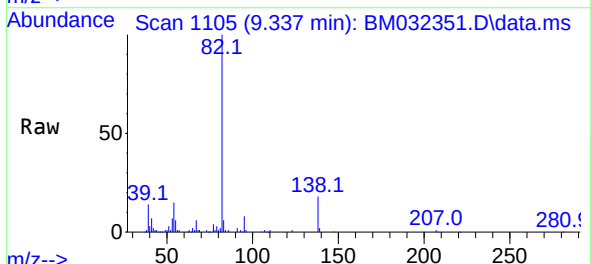
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

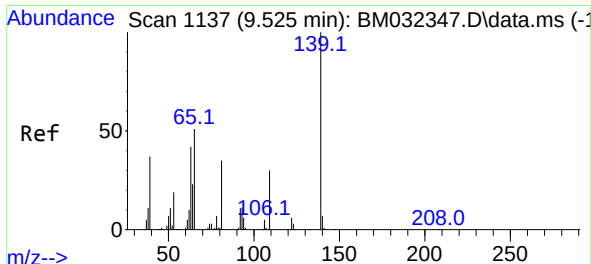
Tgt Ion: 77	Resp: 83885
Ion Ratio	Lower Upper
77 100	
123 46.9	35.9 53.9
65 13.6	10.4 15.6



#23
Isophorone
Concen: 3.30 ng/ul
RT: 9.337 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 82	Resp: 143872
Ion Ratio	Lower Upper
82 100	
95 7.6	5.8 8.6
138 17.7	13.9 20.9

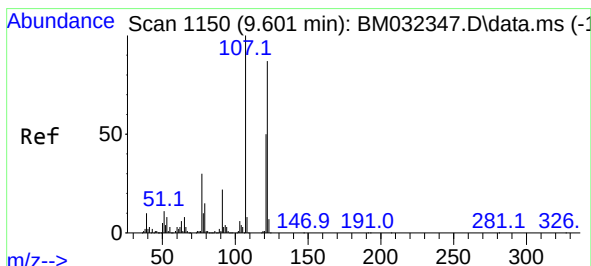
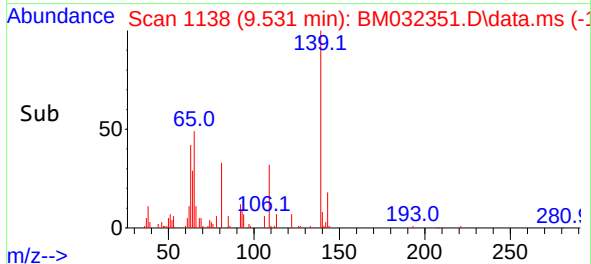
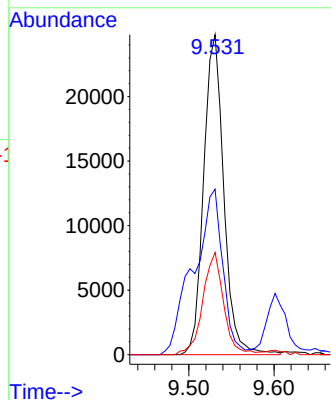
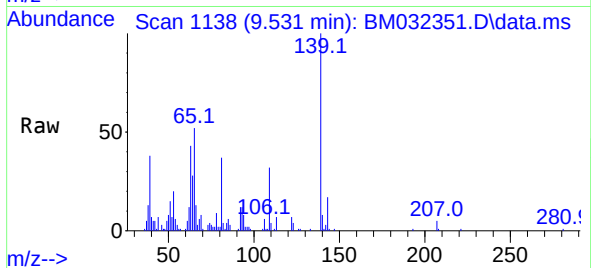




#25
2-Nitrophenol
Concen: 3.63 ng/ul
RT: 9.531 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

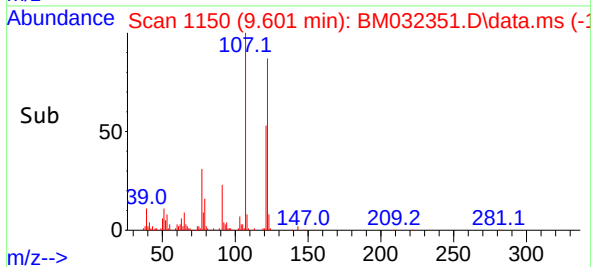
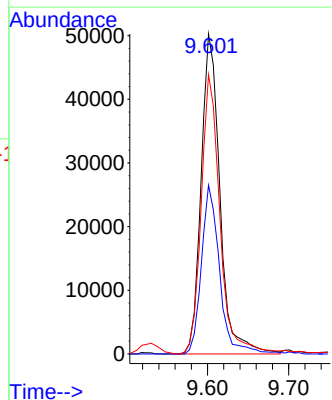
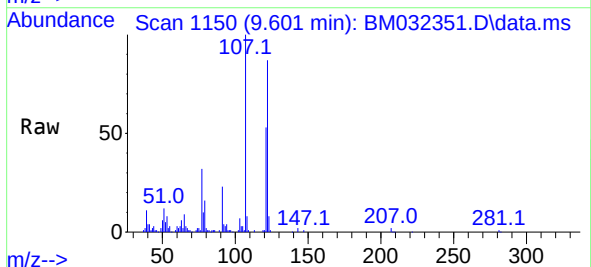
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

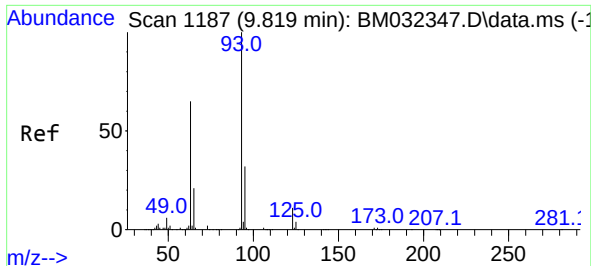
Tgt Ion:139	Resp:	40681
Ion	Ratio	Lower Upper
139	100	
65	51.7	40.2 60.4
109	32.0	24.7 37.1



#26
2,4-Dimethylphenol
Concen: 3.38 ng/ul
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:107	Resp:	81012
Ion	Ratio	Lower Upper
107	100	
121	52.7	40.9 61.3
122	87.3	69.8 104.6



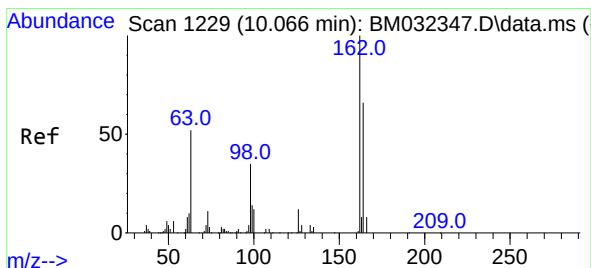
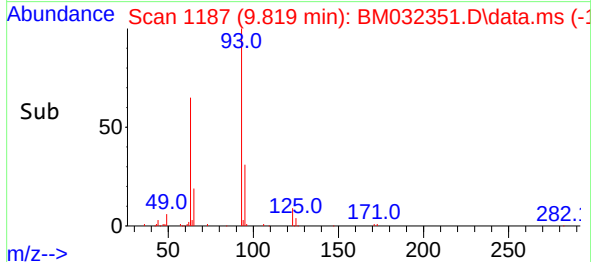
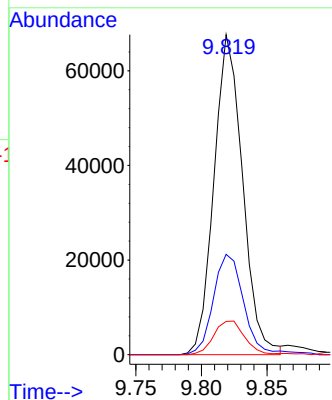
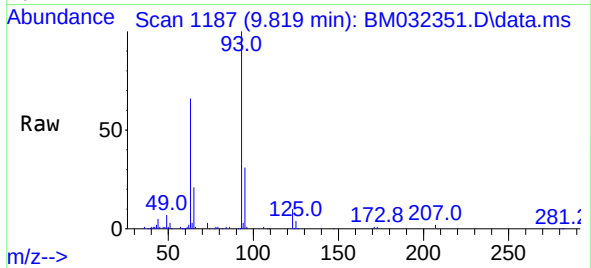


#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.55 ng/ul
 RT: 9.819 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BM032351.D
 Acq: 07 Oct 2021 11:10

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2021-08

Tgt Ion: 93 Resp: 102677

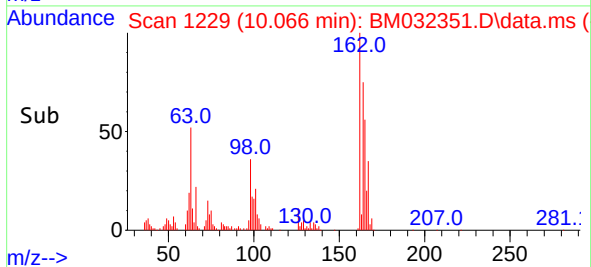
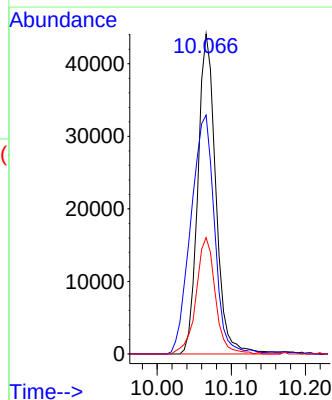
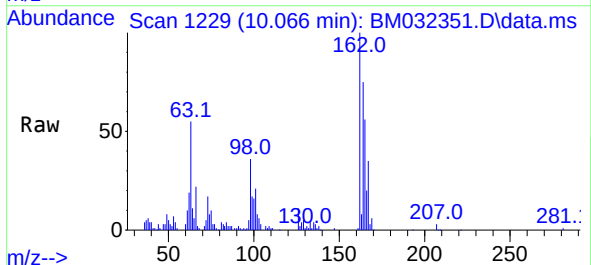
Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.2	39.2
123	10.4	8.6	12.8

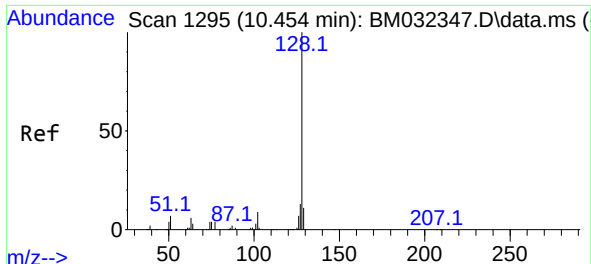


#29
 2,4-Dichlorophenol
 Concen: 3.70 ng/ul
 RT: 10.066 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: BM032351.D
 Acq: 07 Oct 2021 11:10

Tgt Ion: 162 Resp: 74398

Ion	Ratio	Lower	Upper
162	100		
164	74.6	51.7	77.5
98	36.4	29.8	44.6

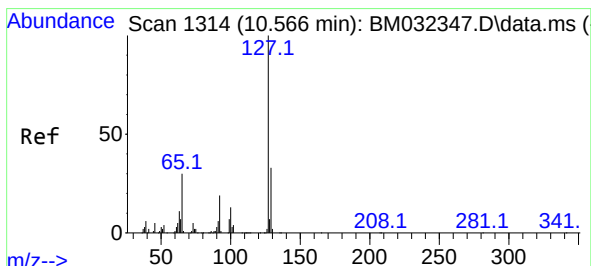
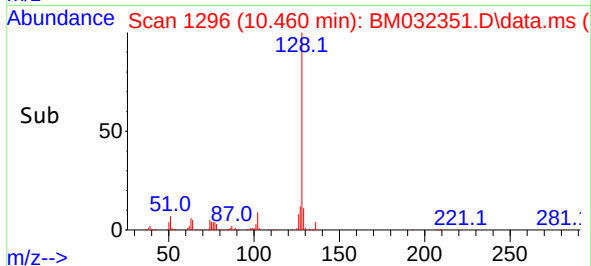
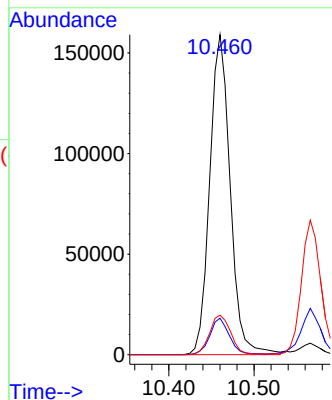
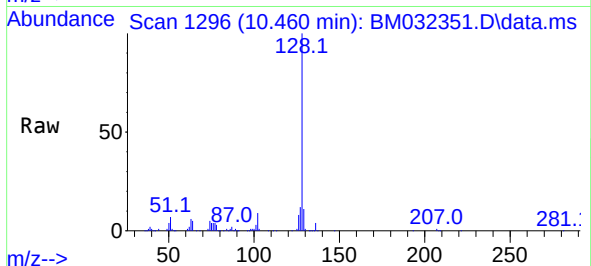




#30
Naphthalene
Concen: 3.84 ng/ul
RT: 10.460 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

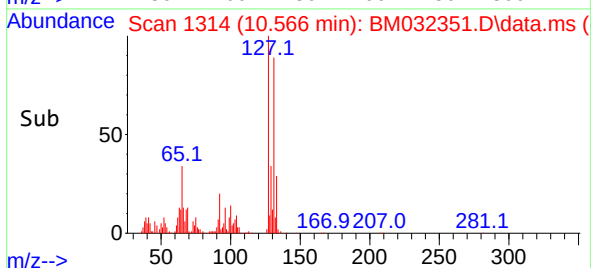
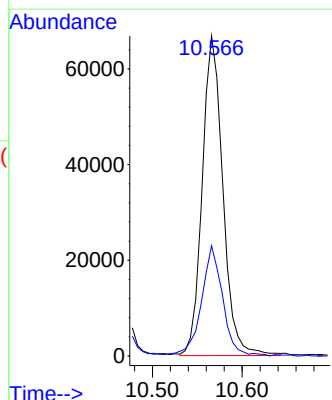
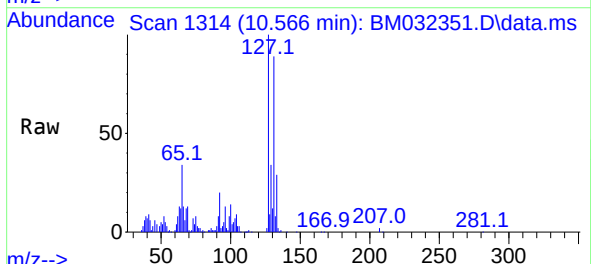
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

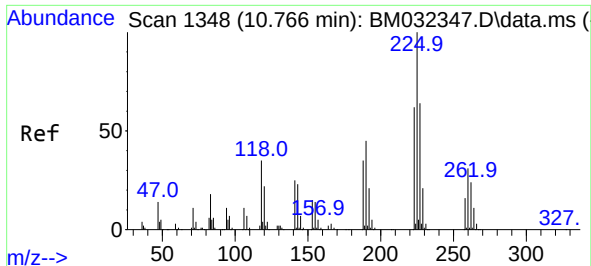
Tgt Ion:128 Resp: 265438
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.4 10.5 15.7



#32
4-Chloroaniline
Concen: 3.53 ng/ul
RT: 10.566 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:127 Resp: 106956
Ion Ratio Lower Upper
127 100
129 34.5 25.1 37.7

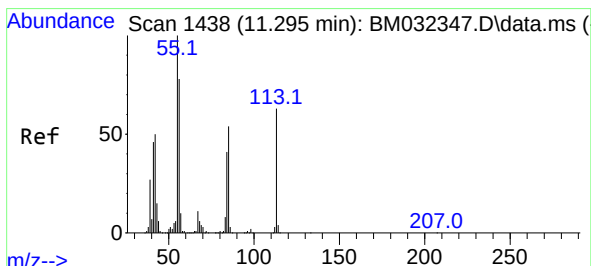
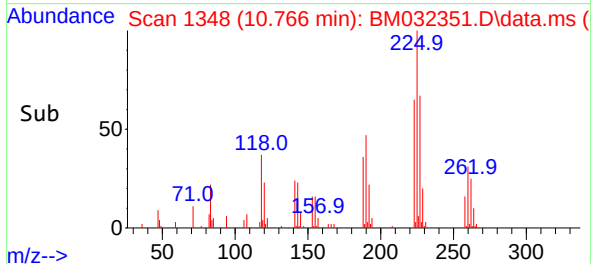
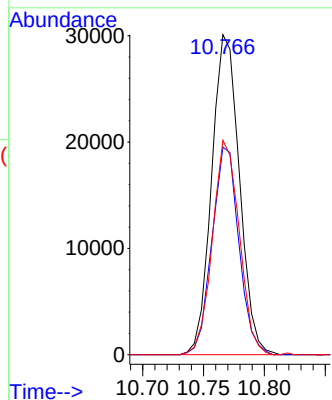
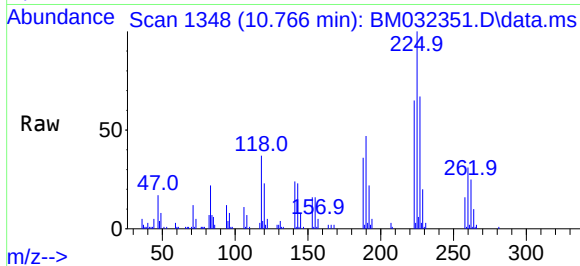




#33
Hexachlorobutadiene
Concen: 3.68 ng/ul
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

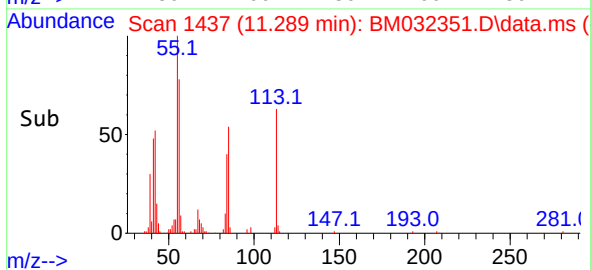
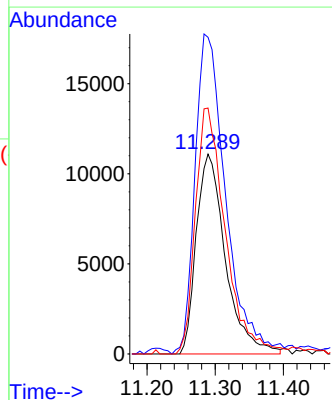
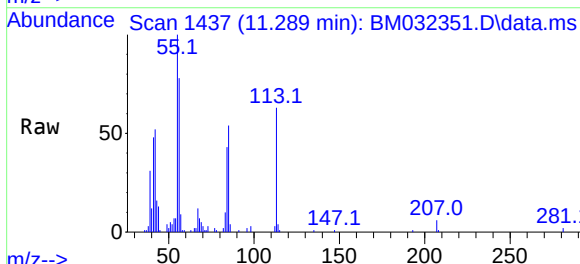
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

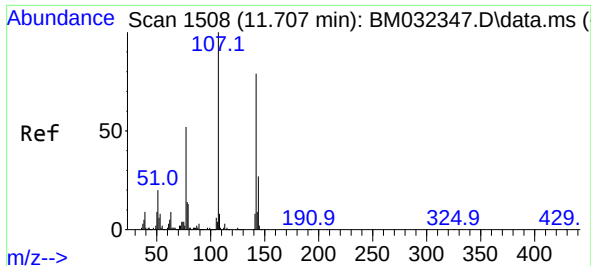
Tgt Ion:	225	Resp:	47818
Ion Ratio	Lower	Upper	
225	100		
223	64.8	51.1	76.7
227	66.9	52.0	78.0



#34
Caprolactam
Concen: 4.54 ng/ul
RT: 11.289 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	113	Resp:	32930
Ion Ratio	Lower	Upper	
113	100		
55	158.5	123.8	185.8
56	123.1	98.6	147.8

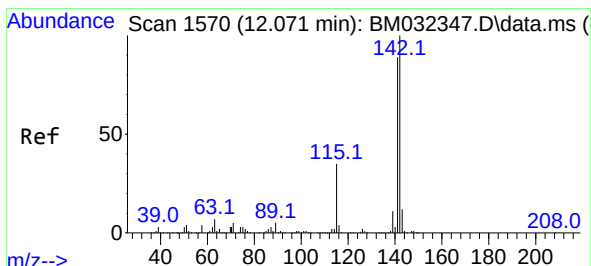
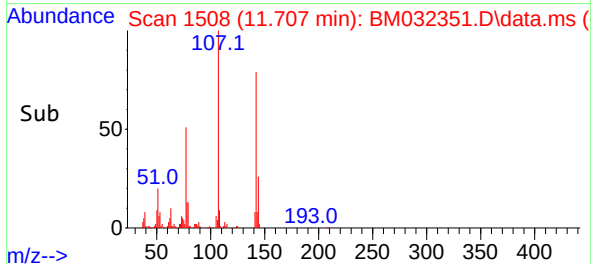
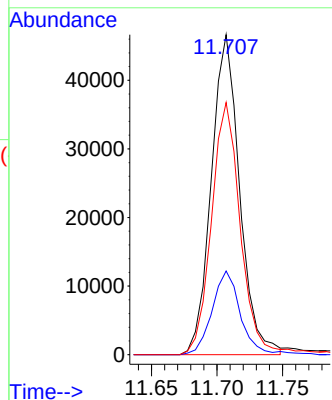
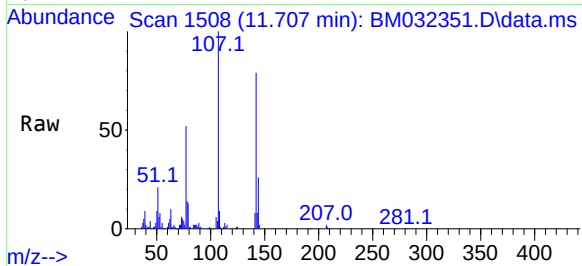




#35
4-Chloro-3-methylphenol
Concen: 3.16 ng/ul
RT: 11.707 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

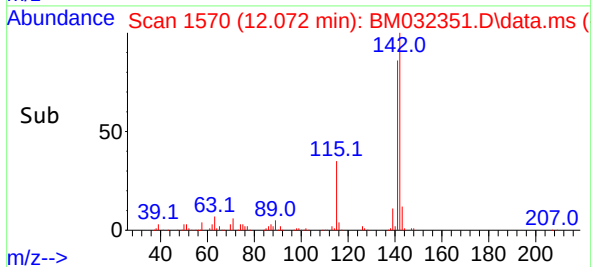
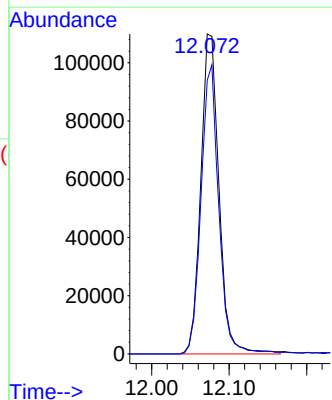
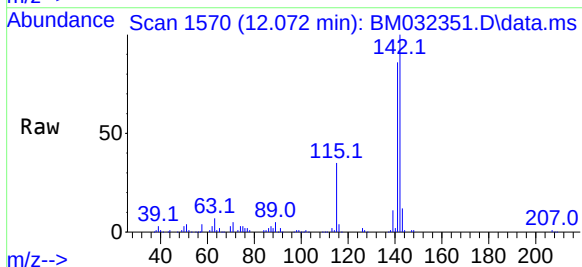
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

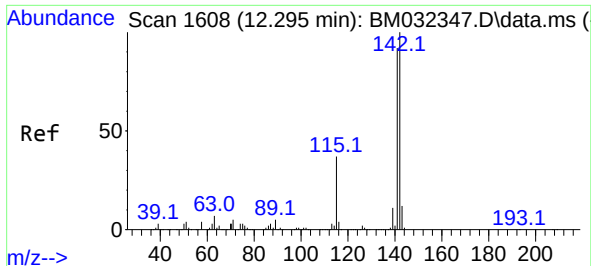
Tgt Ion:	107	Resp:	70072
Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.4	30.6
142	78.8	62.4	93.6



#36
2-Methylnaphthalene
Concen: 3.82 ng/ul
RT: 12.072 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	142	Resp:	179563
Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.2	106.8





#37

1-Methylnaphthalene

Concen: 3.72 ng/ul

RT: 12.295 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BM032351.D

Acq: 07 Oct 2021 11:10

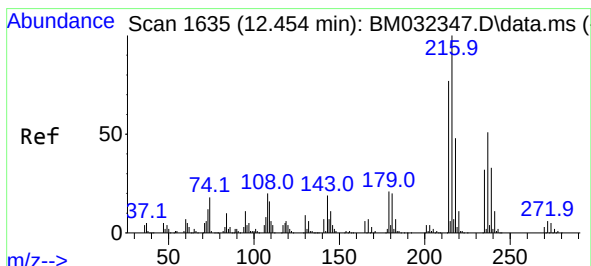
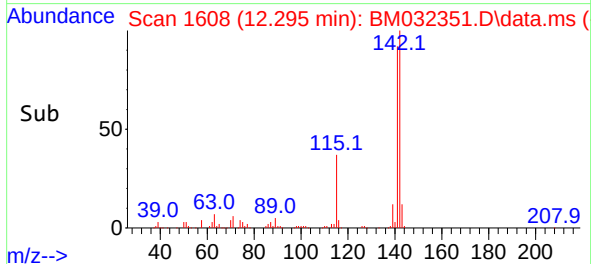
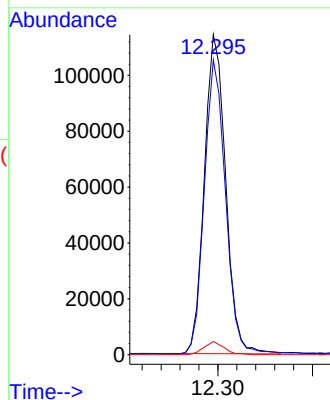
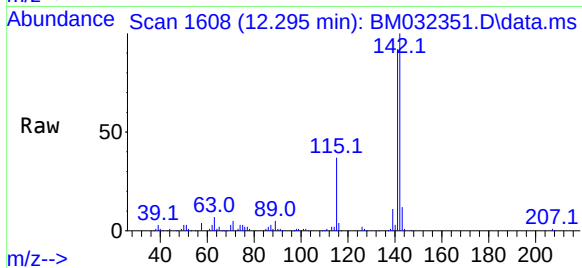
Tgt Ion:142 Resp: 178148

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.6

116 4.1 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.83 ng/ul

RT: 12.460 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BM032351.D

Acq: 07 Oct 2021 11:10

Tgt Ion:216 Resp: 91336

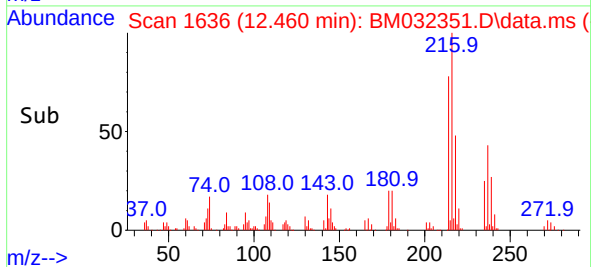
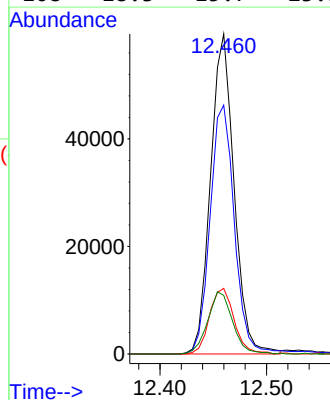
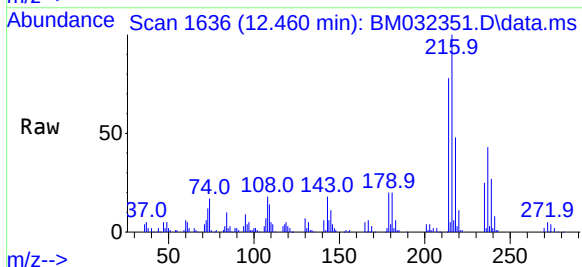
Ion Ratio Lower Upper

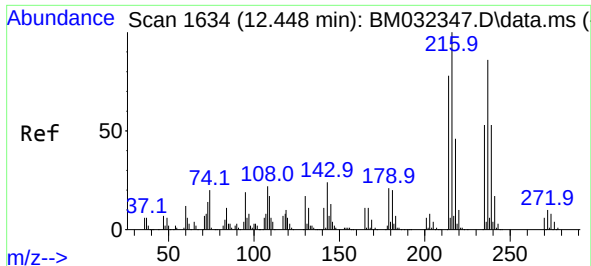
216 100

214 77.7 61.8 92.6

179 20.5 17.2 25.8

108 18.3 15.7 23.5

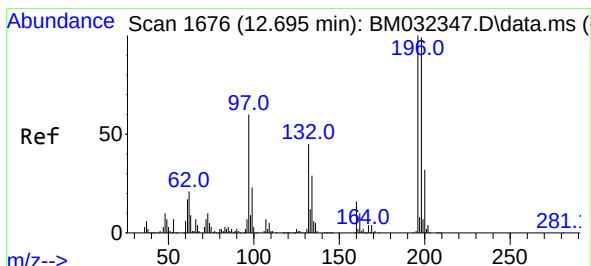
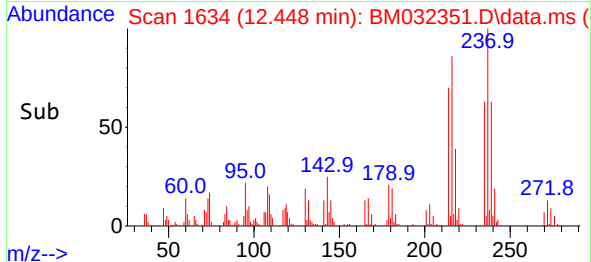
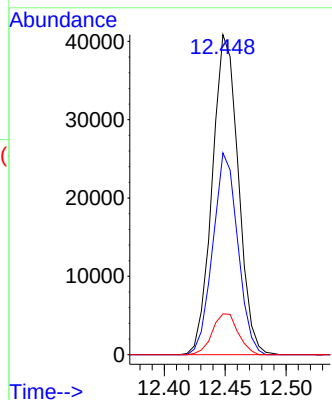
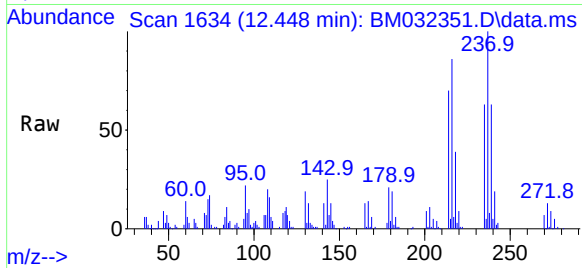




#40
Hexachlorocyclopentadiene
Concen: 4.37 ng/ul
RT: 12.448 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

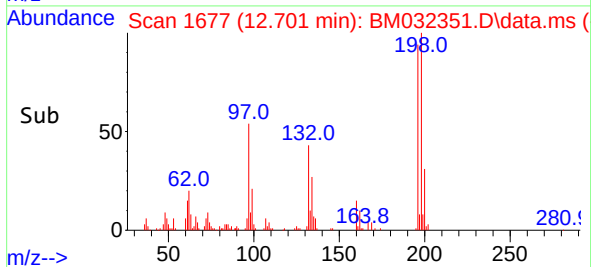
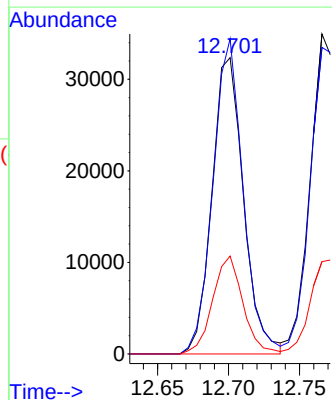
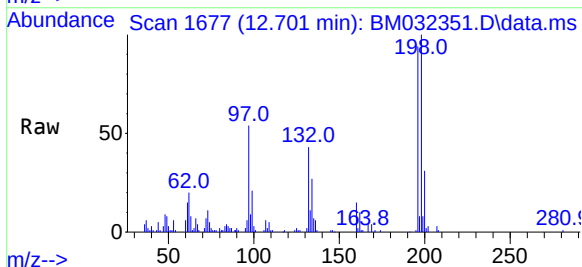
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

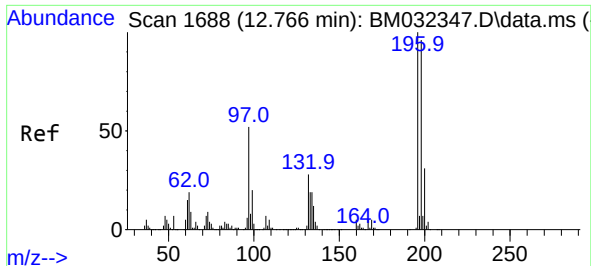
Tgt Ion:237 Resp: 60726
Ion Ratio Lower Upper
237 100
235 63.1 49.4 74.0
272 12.7 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 3.28 ng/ul
RT: 12.701 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:196 Resp: 50129
Ion Ratio Lower Upper
196 100
198 106.4 75.9 113.9
200 33.0 24.7 37.1

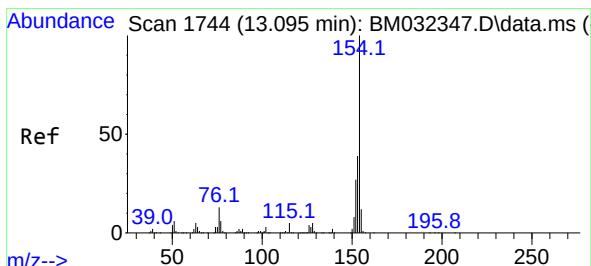
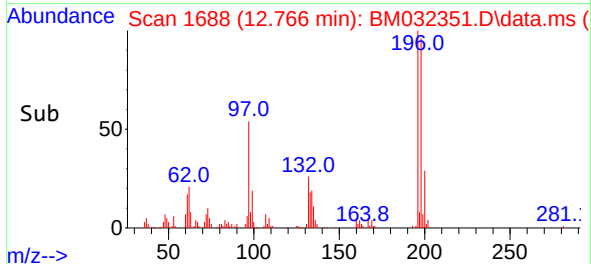
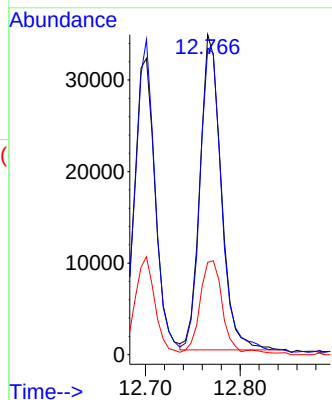
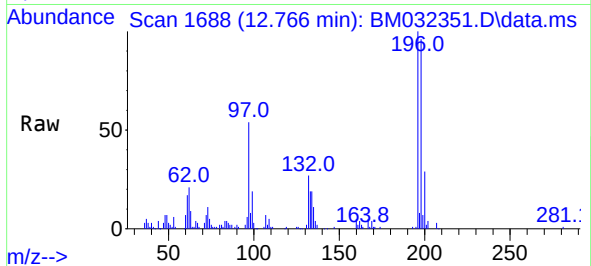




#42
2,4,5-Trichlorophenol
Concen: 3.20 ng/ul
RT: 12.766 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

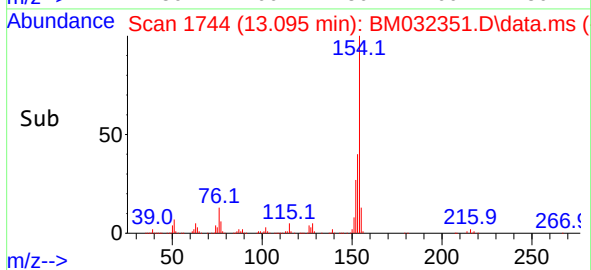
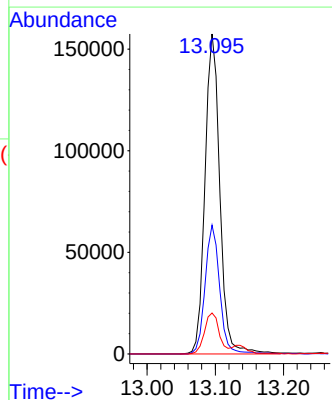
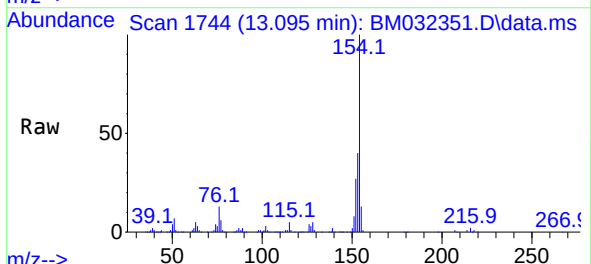
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

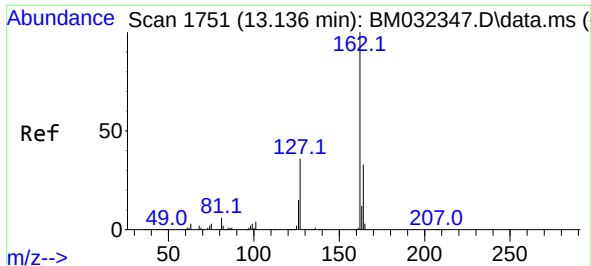
Tgt Ion:	196	Resp:	53595
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.4	114.6
200	28.9	25.0	37.4



#43
1,1'-Biphenyl
Concen: 3.85 ng/ul
RT: 13.095 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	154	Resp:	238887
Ion Ratio	Lower	Upper	
154	100		
153	40.2	32.1	48.1
76	12.8	10.2	15.2



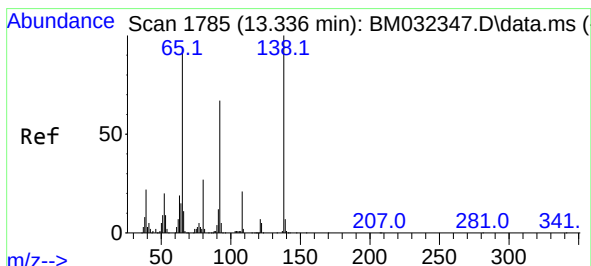
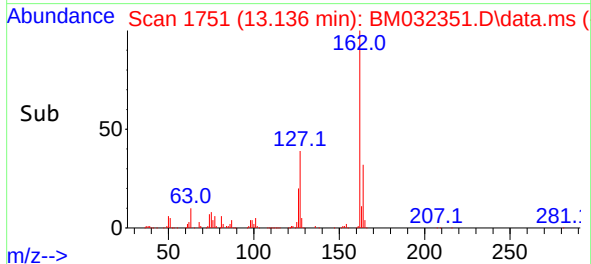
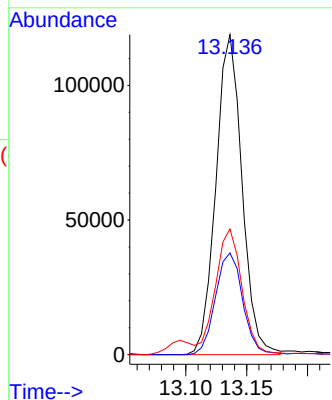
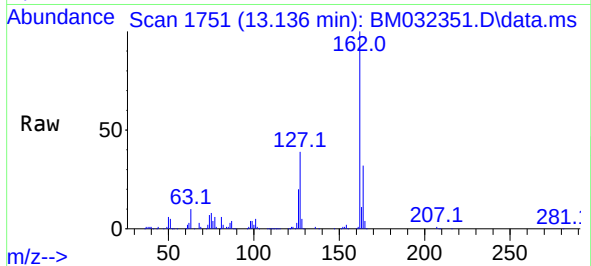


#44
2-Chloronaphthalene
Concen: 3.75 ng/ul
RT: 13.136 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:162 Resp: 177259

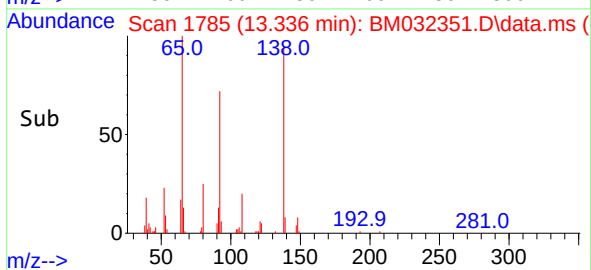
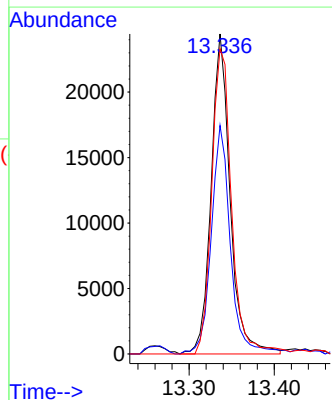
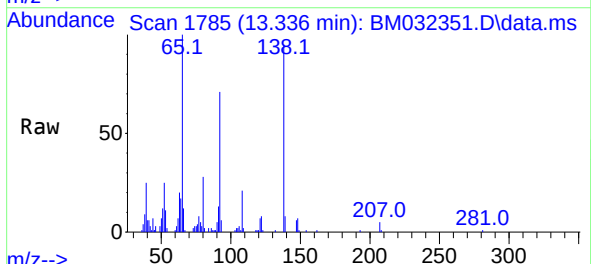
Ion	Ratio	Lower	Upper
162	100		
164	31.8	26.6	39.8
127	39.3	31.7	47.5

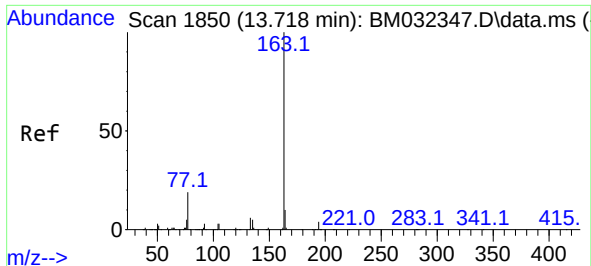


#45
2-Nitroaniline
Concen: 3.00 ng/ul
RT: 13.336 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion: 65 Resp: 37917

Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.6	81.8
138	95.4	84.3	126.5

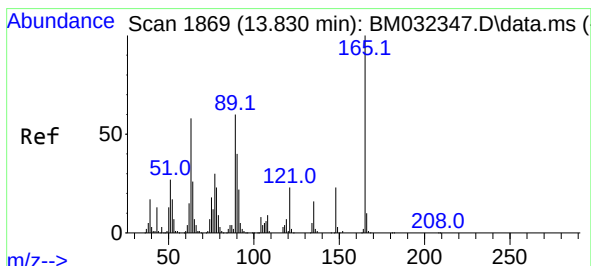
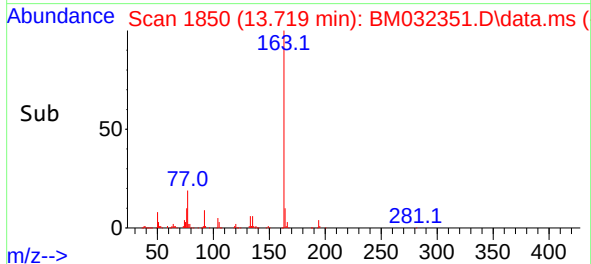
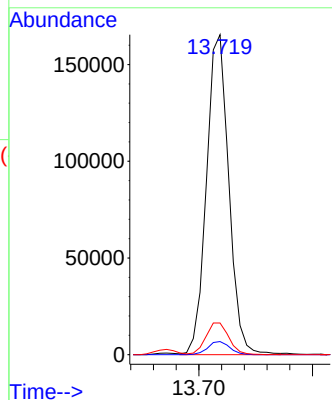
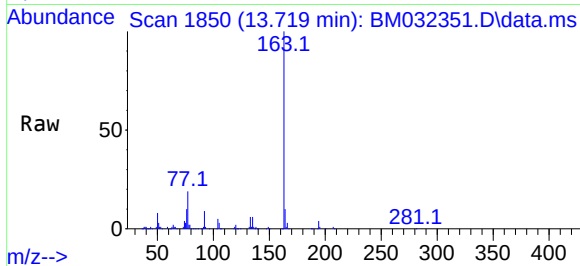




#47
Dimethylphthalate
Concen: 3.77 ng/ul
RT: 13.719 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

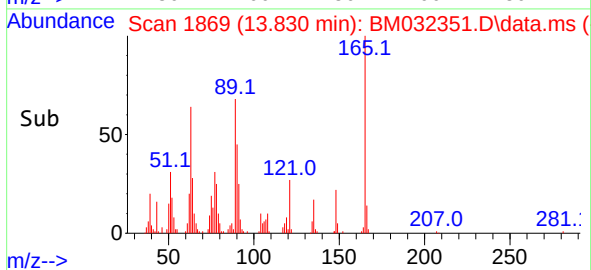
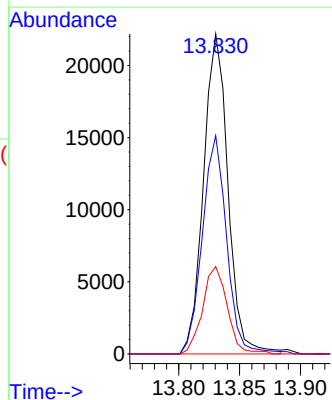
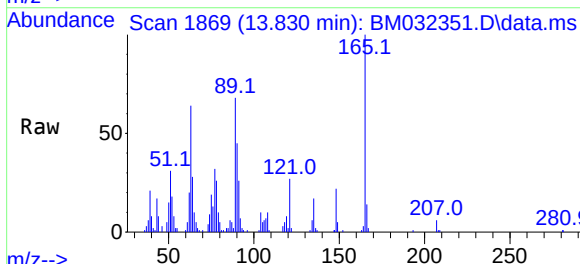
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

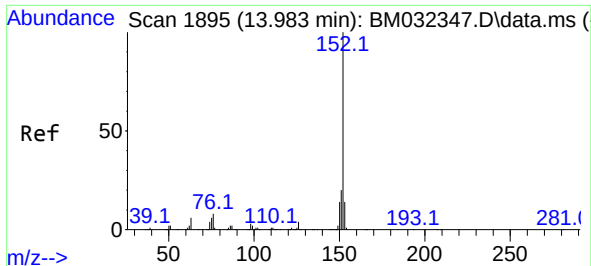
Tgt Ion:163	Resp:	225890
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.1 4.7
164	9.9	8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 2.78 ng/ul
RT: 13.830 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:165	Resp:	31023
Ion Ratio	Lower	Upper
165	100	
89	68.2	48.6 73.0
121	27.3	18.3 27.5

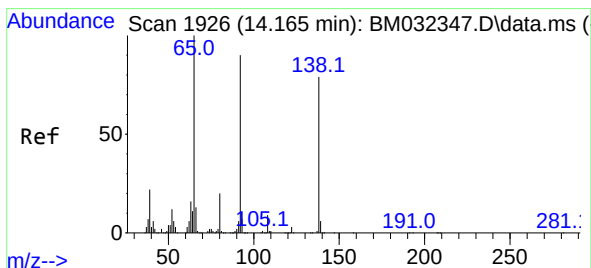
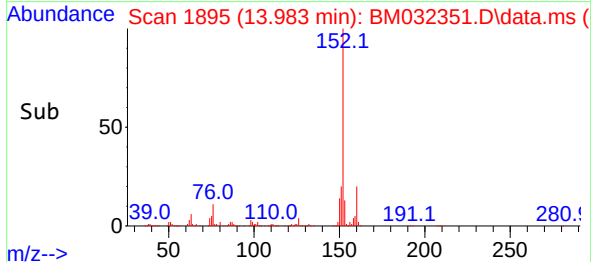
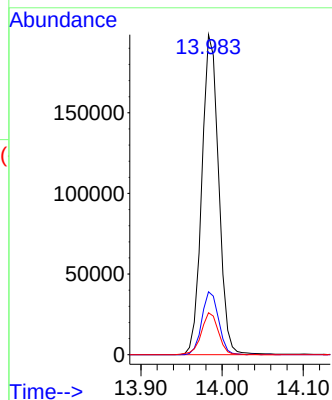
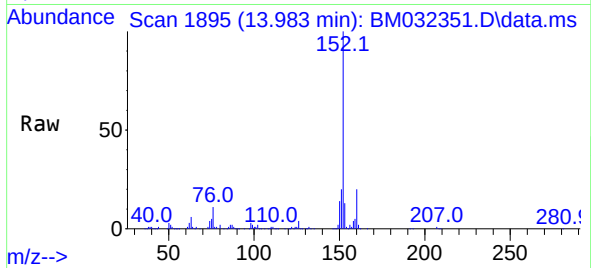




#50
Acenaphthylene
Concen: 3.72 ng/ul
RT: 13.983 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

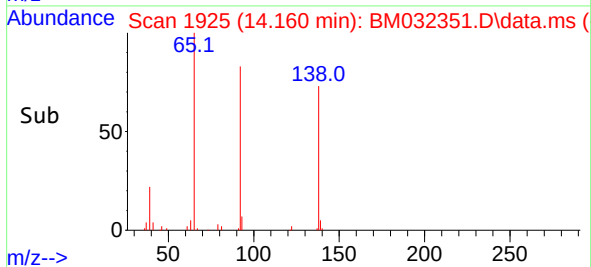
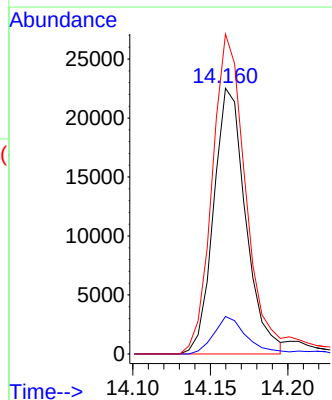
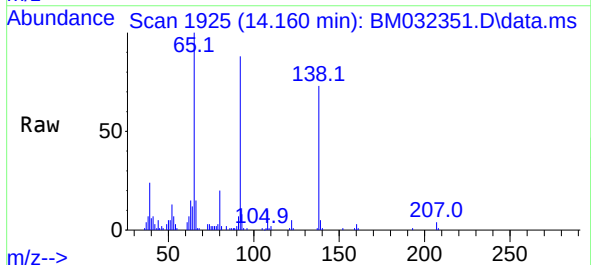
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

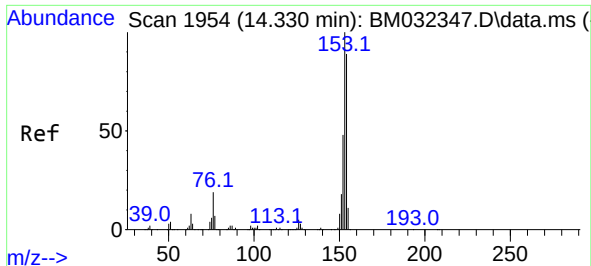
Tgt Ion:152 Resp: 285867
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 2.78 ng/ul
RT: 14.160 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:138 Resp: 32480
Ion Ratio Lower Upper
138 100
108 14.1 8.9 13.3#
92 120.4 93.3 139.9

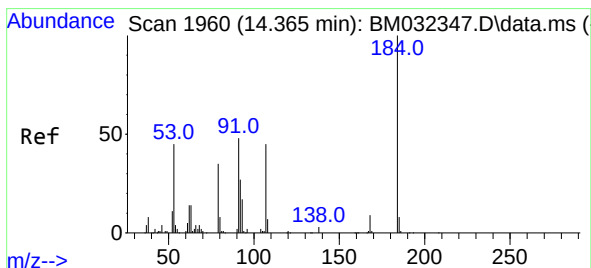
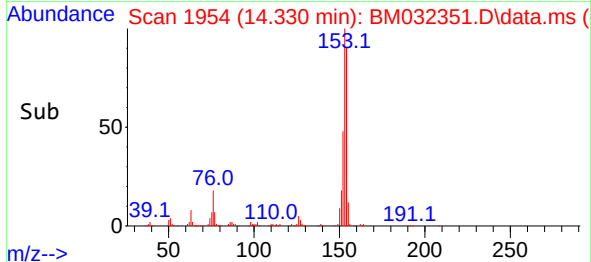
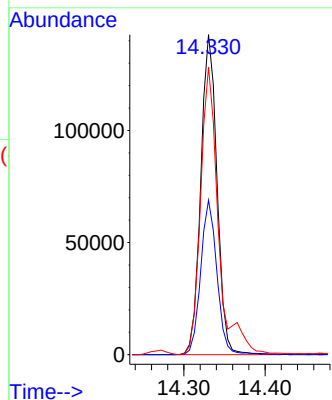
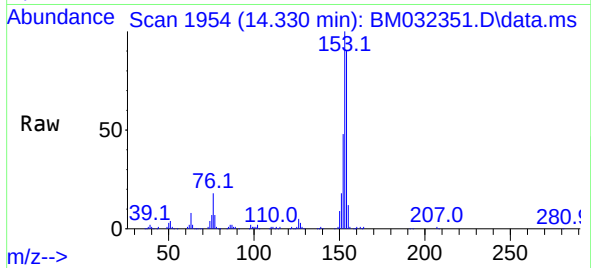




#52
Acenaphthene
Concen: 3.90 ng/ul
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

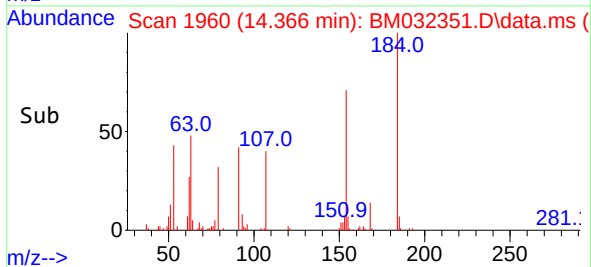
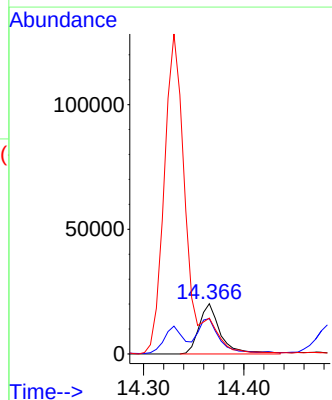
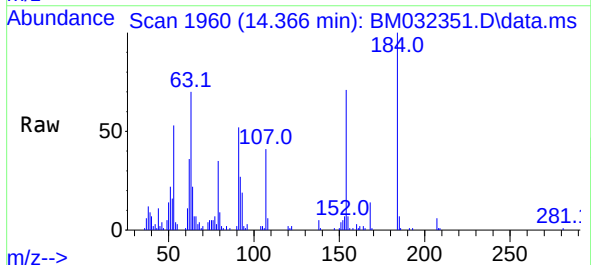
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

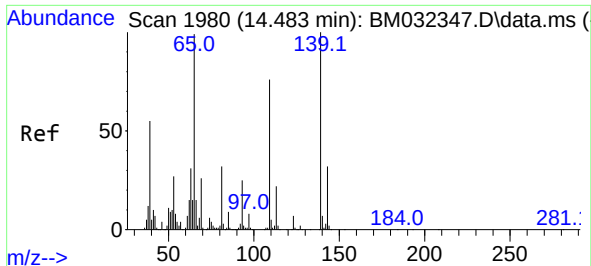
Tgt Ion:153 Resp: 198186
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 89.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 4.16 ng/ul
RT: 14.366 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:184 Resp: 29910
Ion Ratio Lower Upper
184 100
63 70.4 50.6 75.8
154 71.4 50.7 76.1

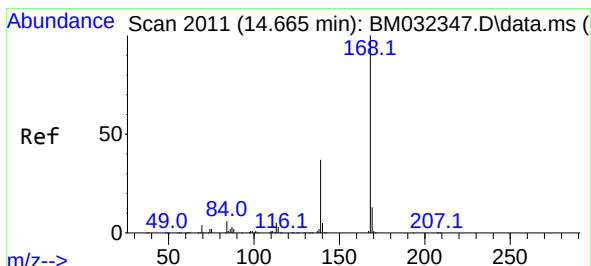
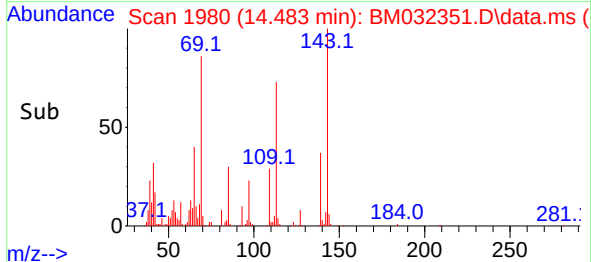
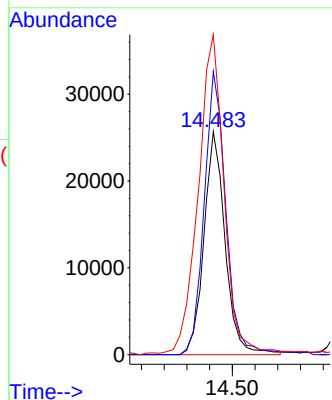
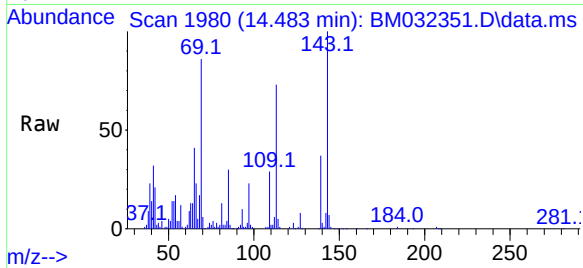




#55
4-Nitrophenol
Concen: 3.51 ng/ul
RT: 14.483 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

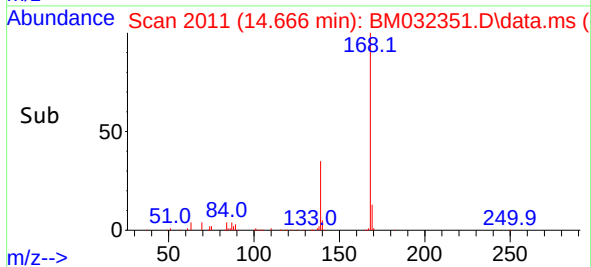
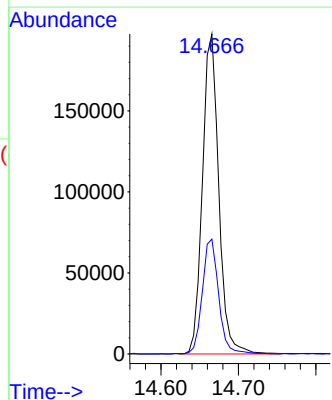
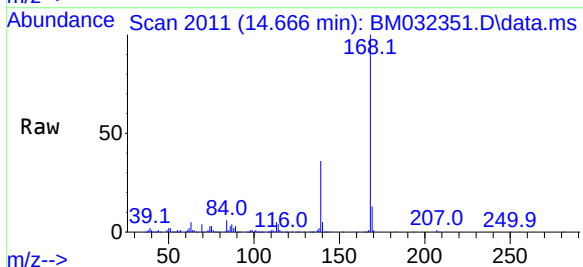
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

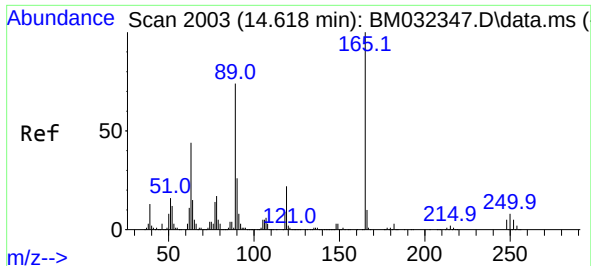
Tgt Ion:109 Resp: 33298
Ion Ratio Lower Upper
109 100
139 126.9 101.0 151.6
65 143.4 102.6 154.0



#56
Dibenzofuran
Concen: 3.92 ng/ul
RT: 14.666 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:168 Resp: 288742
Ion Ratio Lower Upper
168 100
139 35.9 30.0 45.0



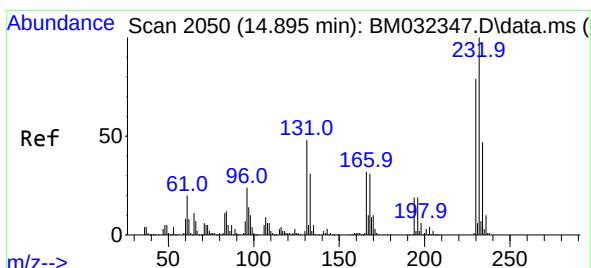
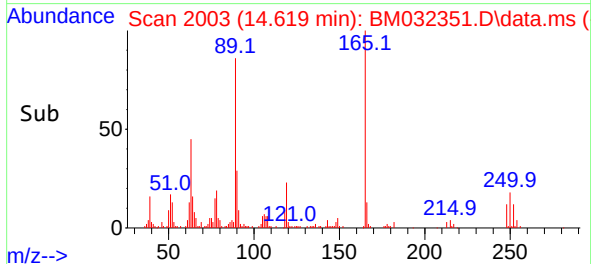
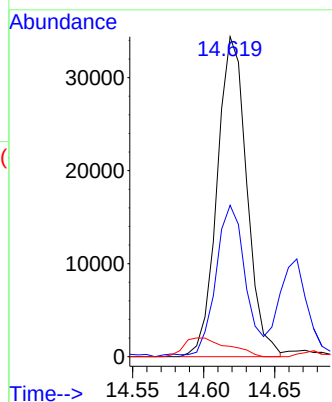
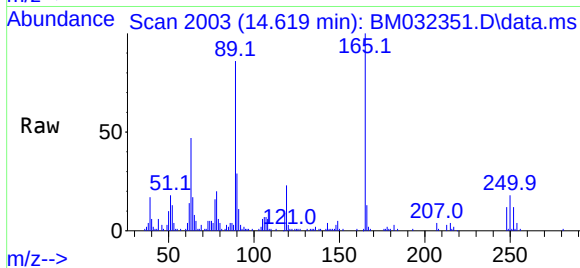


#57
2,4-Dinitrotoluene
Concen: 3.02 ng/ul
RT: 14.619 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:165 Resp: 49941

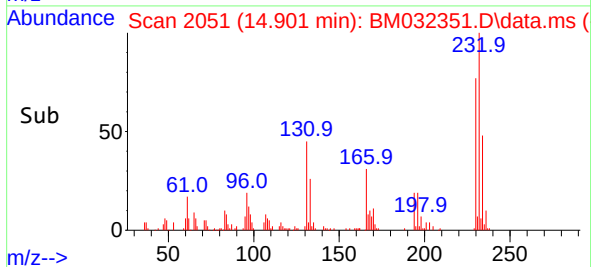
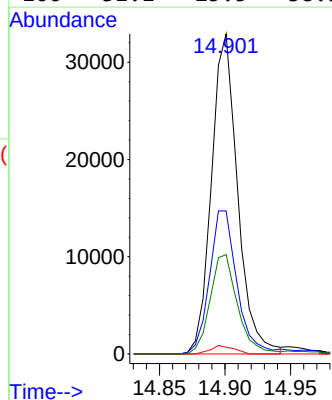
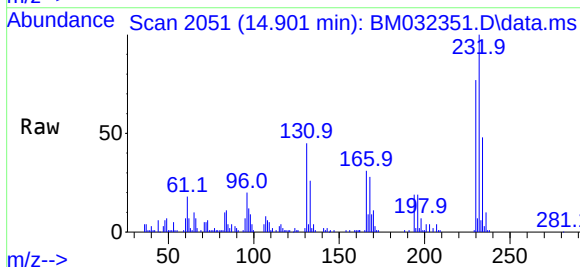
Ion	Ratio	Lower	Upper
165	100		
63	47.3	34.4	51.6
182	3.2	2.2	3.4

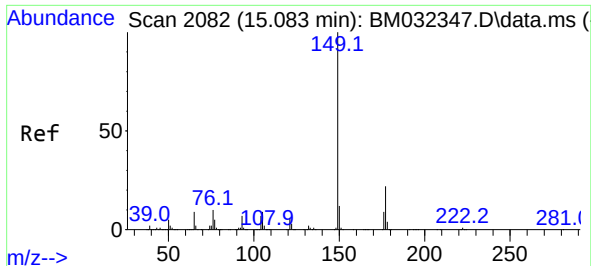


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.36 ng/ul
RT: 14.901 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:232 Resp: 45684

Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.2
130	2.1	1.8	2.8
166	31.1	25.5	38.3



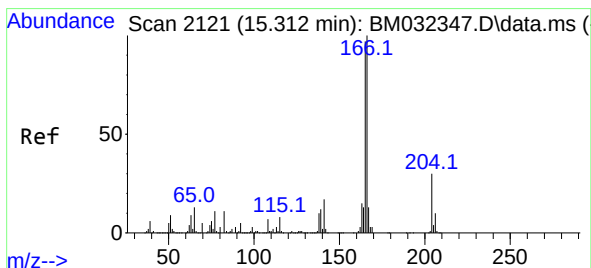
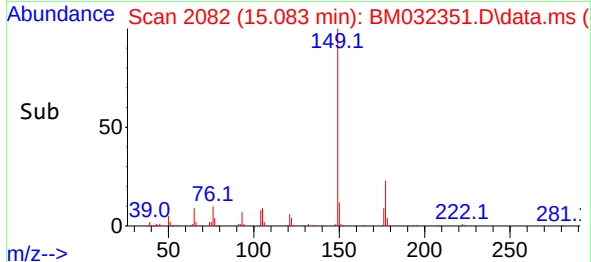
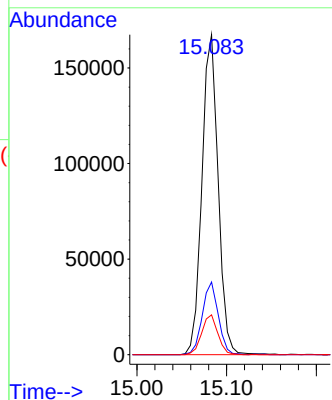
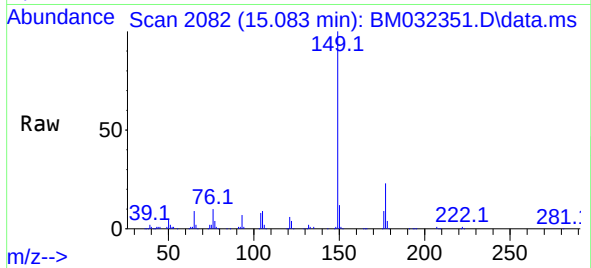


#59
Diethylphthalate
Concen: 3.52 ng/ul
RT: 15.083 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:149 Resp: 210283

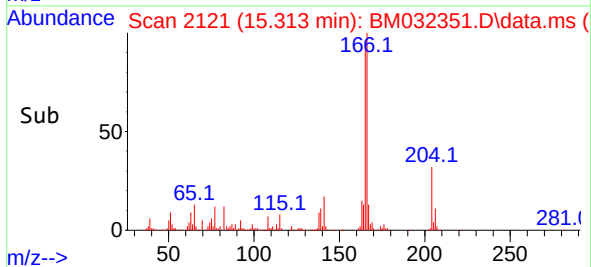
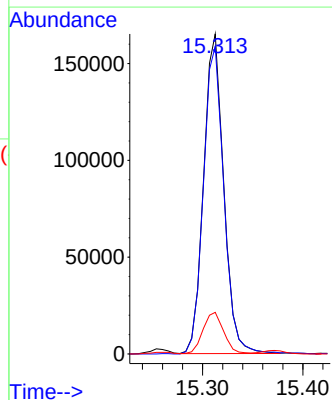
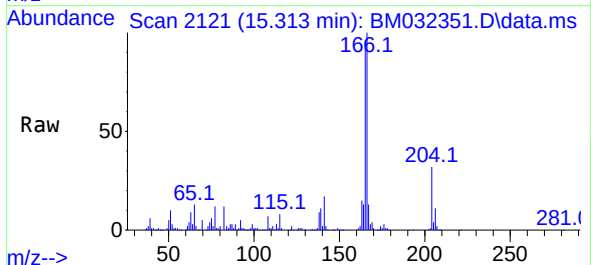
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.9	26.9
150	12.5	10.0	15.0

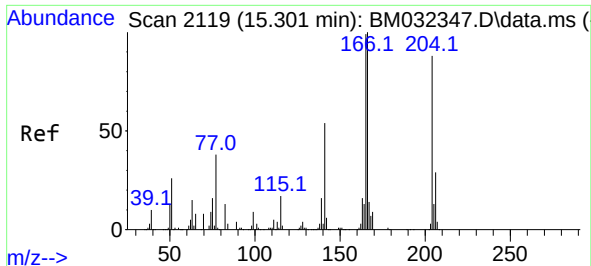


#61
Fluorene
Concen: 4.07 ng/ul
RT: 15.313 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:166 Resp: 230475

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.0	10.9	16.3

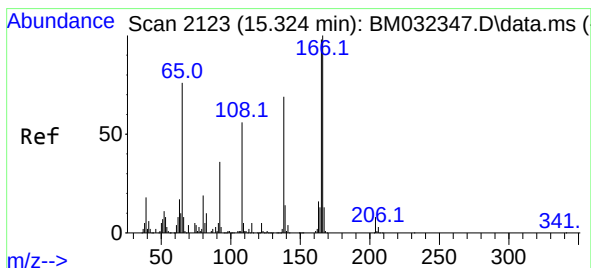
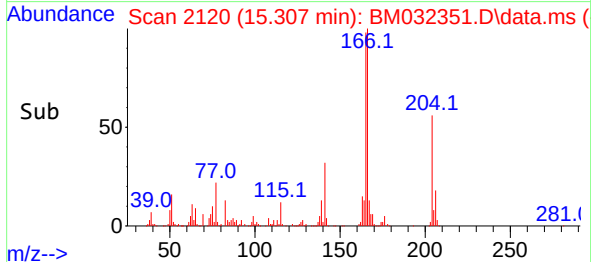
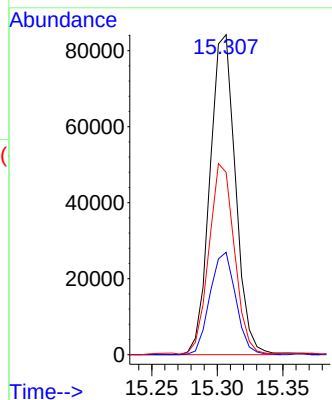
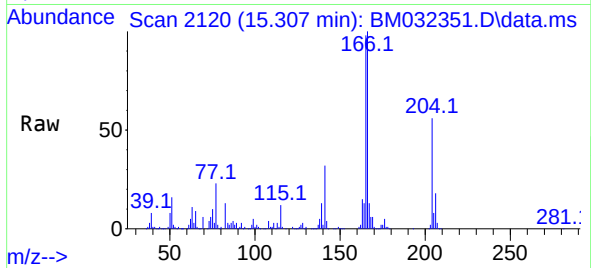




#62
4-Chlorophenyl-phenylether
Concen: 4.00 ng/ul
RT: 15.307 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

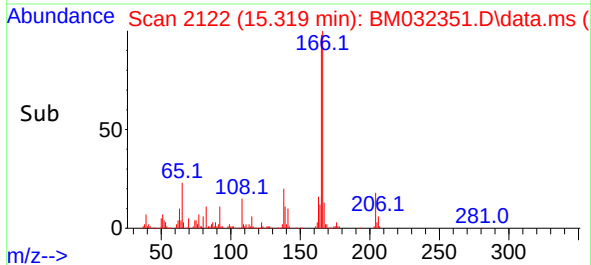
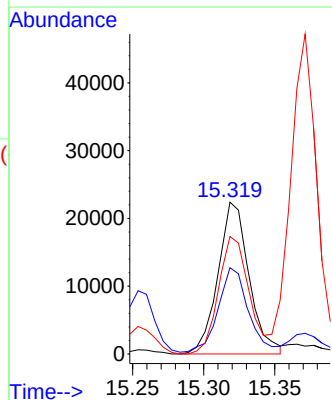
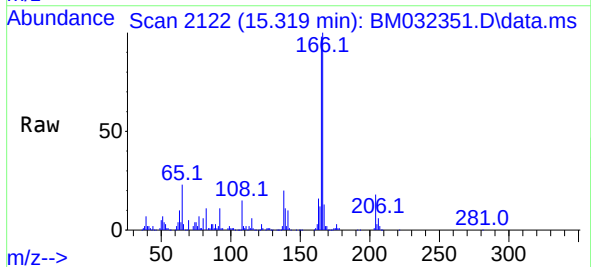
Instrument :
BNA_M
ClientSampleId :
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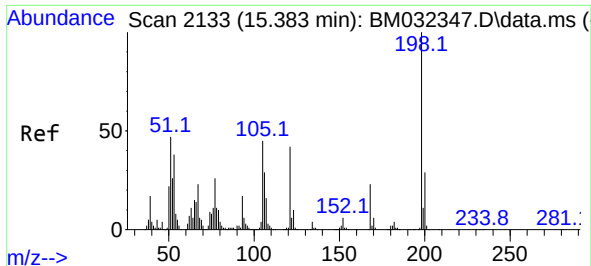
Tgt Ion:	204	Resp:	114334
Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.4
141	57.0	48.6	73.0



#63
4-Nitroaniline
Concen: 3.16 ng/ul
RT: 15.319 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	138	Resp:	34107
Ion	Ratio	Lower	Upper
138	100		
92	56.8	41.3	61.9
108	77.3	64.6	97.0

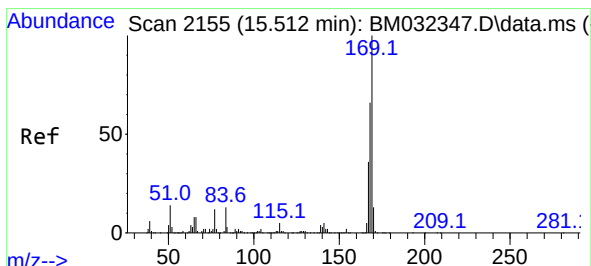
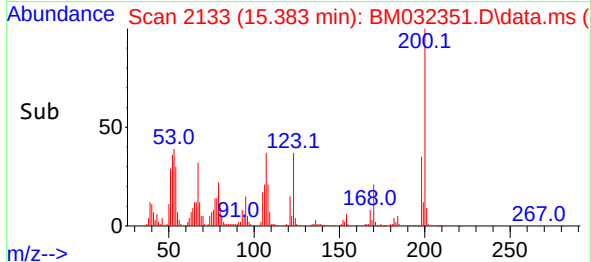
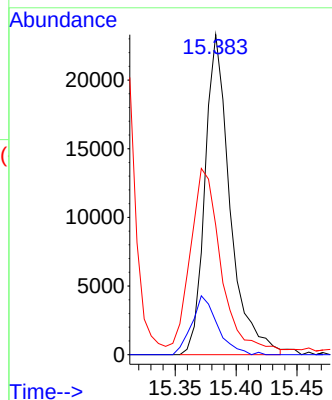
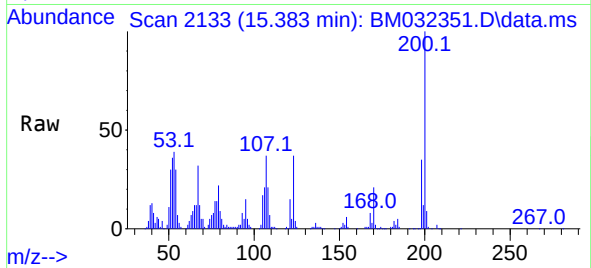




#66
4,6-Dinitro-2-methylphenol
Concen: 3.36 ng/ul
RT: 15.383 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

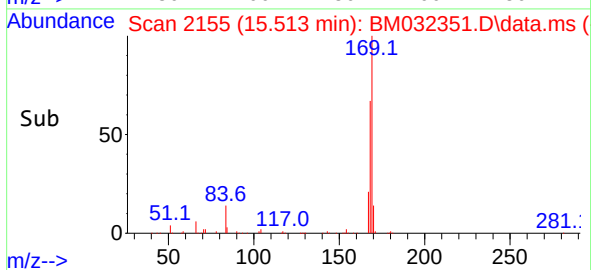
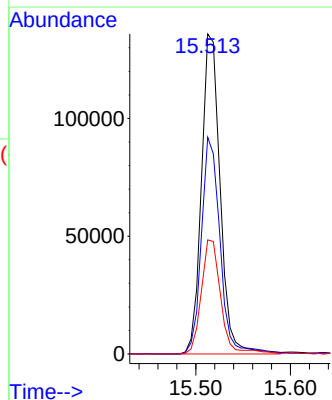
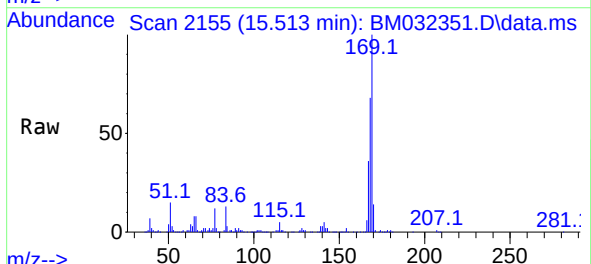
Instrument :
BNA_M
ClientSampleId :
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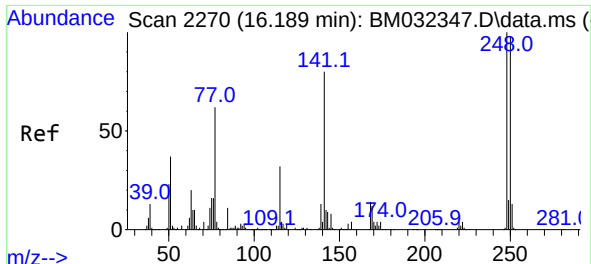
Tgt Ion:198 Resp: 33468
Ion Ratio Lower Upper
198 100
182 10.5 4.1 6.1#
77 40.5 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 3.77 ng/ul
RT: 15.513 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:169 Resp: 186993
Ion Ratio Lower Upper
169 100
168 67.7 53.3 79.9
167 35.6 29.3 43.9

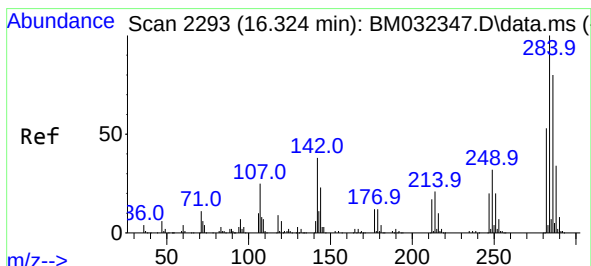
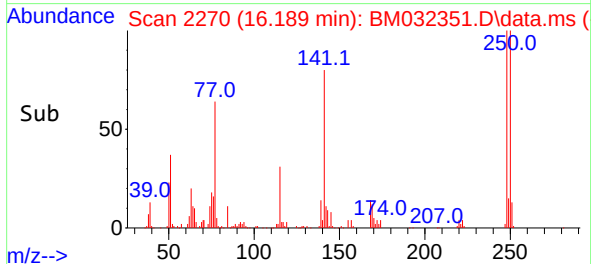
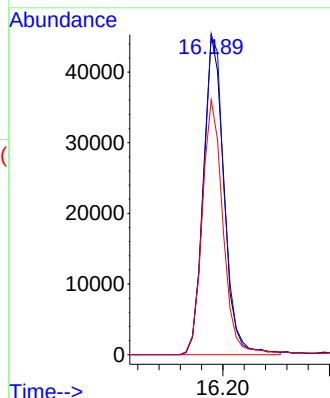
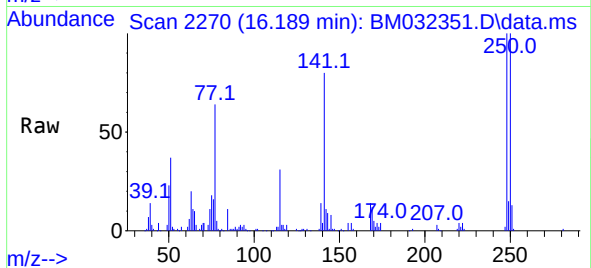




#68
4-Bromophenyl-phenylether
Concen: 3.54 ng/ul
RT: 16.189 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

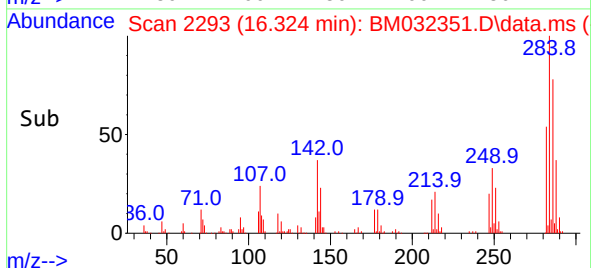
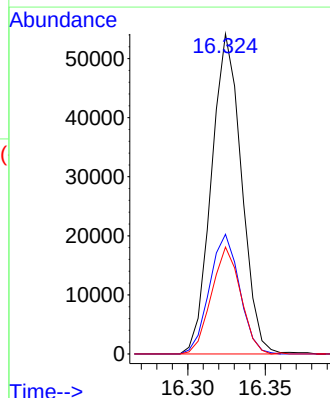
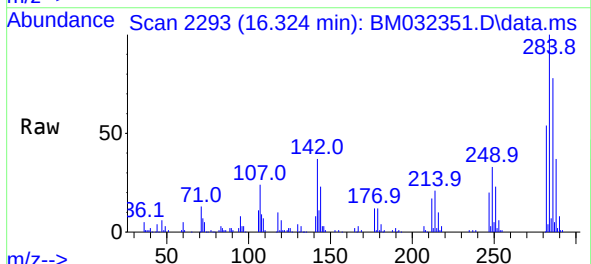
Instrument :
BNA_M
ClientSampleId :
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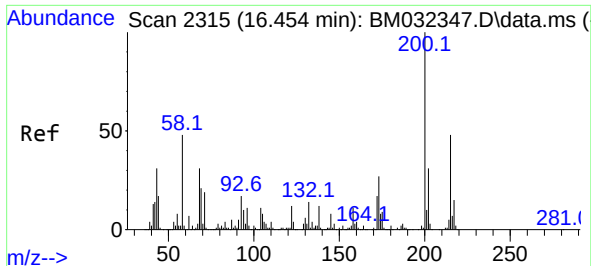
Tgt Ion:248 Resp: 60714
Ion Ratio Lower Upper
248 100
250 99.9 77.0 115.4
141 79.6 63.7 95.5



#69
Hexachlorobenzene
Concen: 3.71 ng/ul
RT: 16.324 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:284 Resp: 73105
Ion Ratio Lower Upper
284 100
142 37.4 29.4 44.0
249 33.4 25.5 38.3

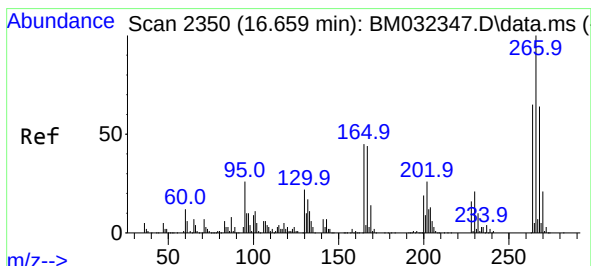
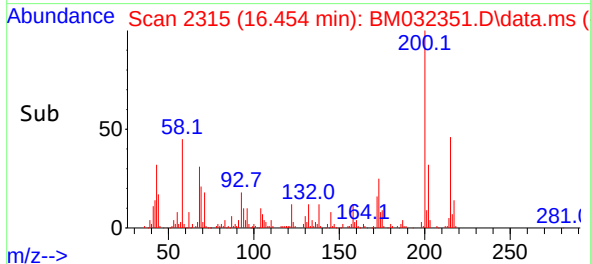
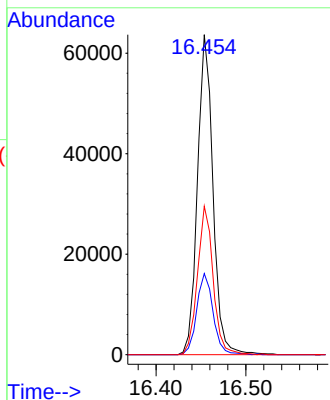
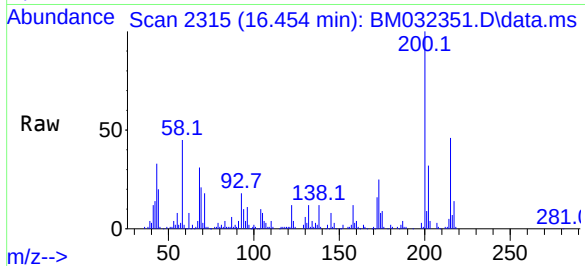




#70
Atrazine
Concen: 4.08 ng/ul
RT: 16.454 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

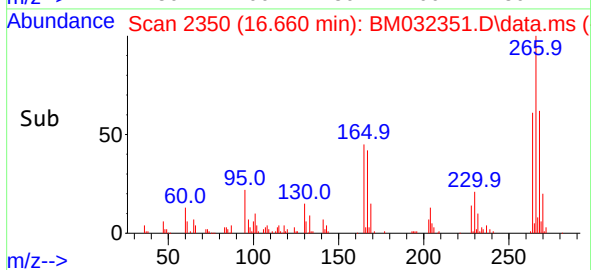
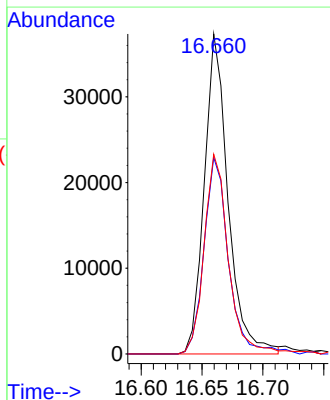
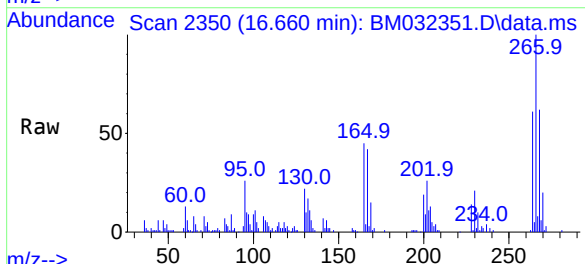
Instrument :
BNA_M
ClientSampleId :
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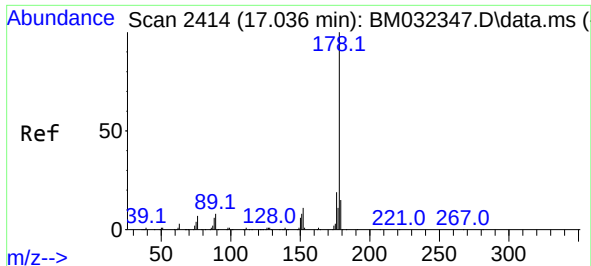
Tgt Ion:	200	Resp:	76472
Ion Ratio	Lower	Upper	
200	100		
173	25.3	22.2	33.4
215	46.4	37.5	56.3



#71
Pentachlorophenol
Concen: 4.27 ng/ul
RT: 16.660 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	266	Resp:	50792
Ion Ratio	Lower	Upper	
266	100		
264	61.4	49.9	74.9
268	62.4	50.5	75.7

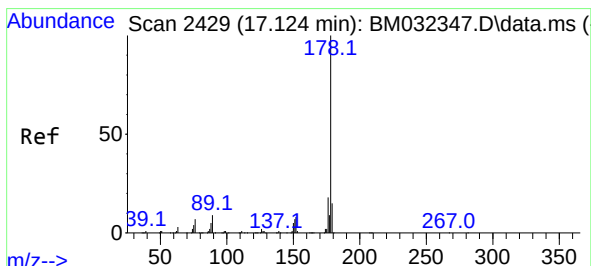
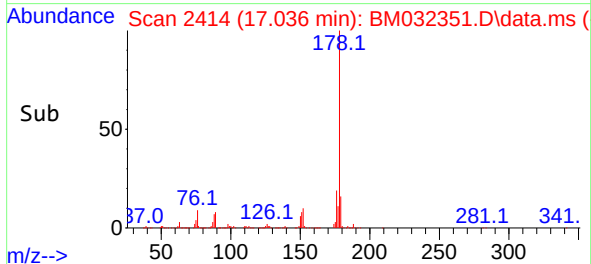
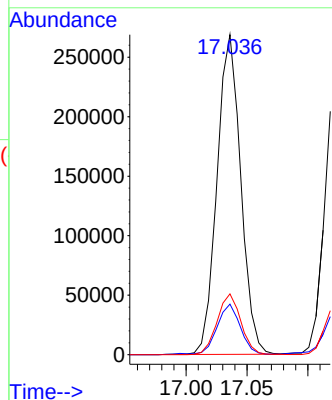
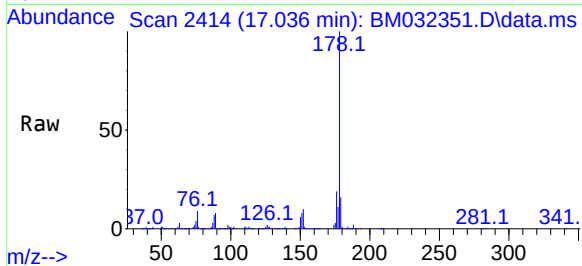




#72
Phenanthrene
Concen: 3.98 ng/ul
RT: 17.036 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

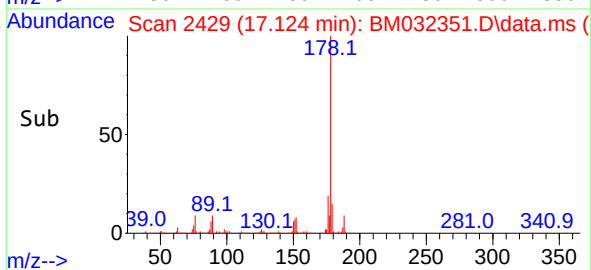
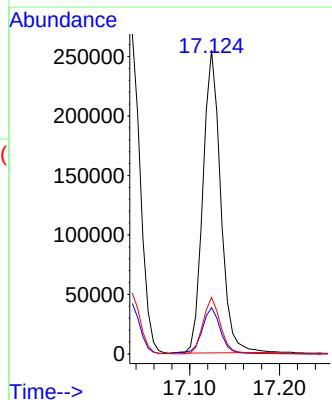
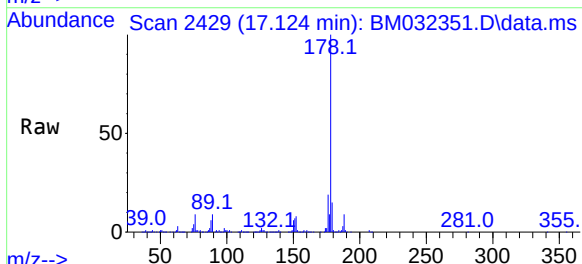
Instrument :
BNA_M
ClientSampleId :
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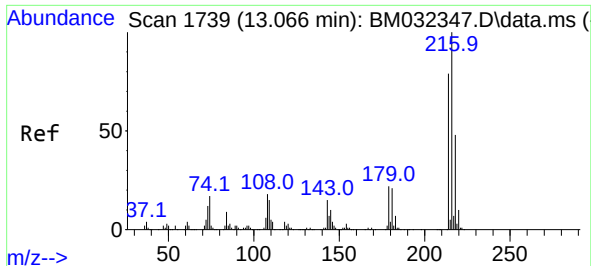
Tgt Ion:178 Resp: 364918
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.0 15.4 23.0



#74
Anthracene
Concen: 3.79 ng/ul
RT: 17.124 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:178 Resp: 349411
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.6 14.9 22.3

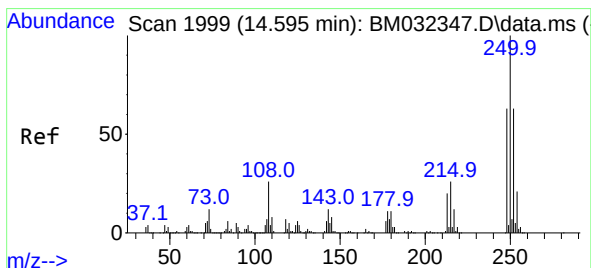
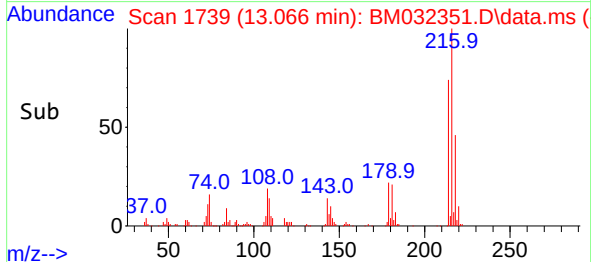
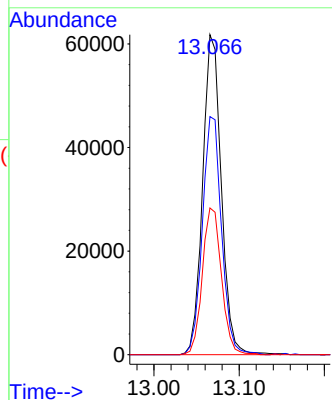
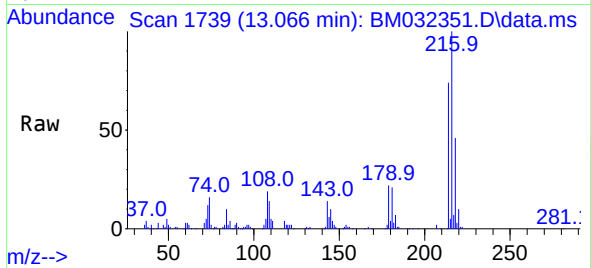




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.77 ng/uL
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

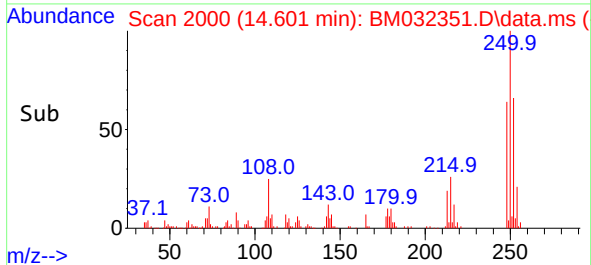
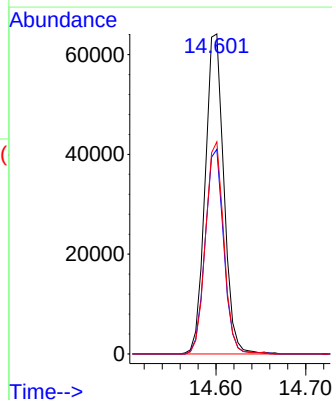
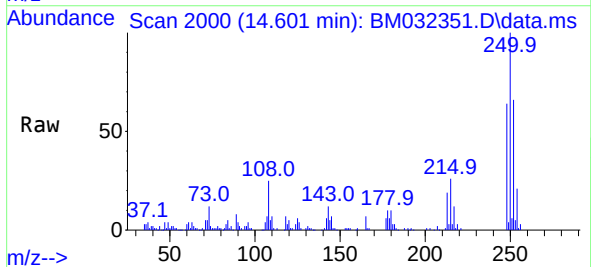
Instrument :
BNA_M
ClientSampleId :
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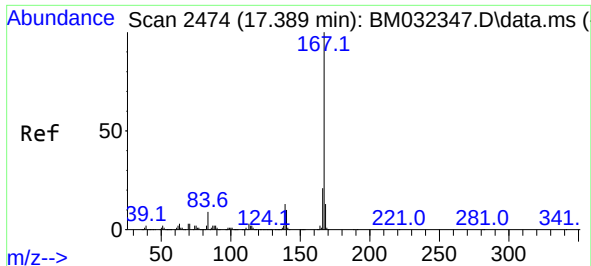
Tgt Ion:	216	Resp:	93950
Ion Ratio	Lower	Upper	
216	100		
214	74.4	62.8	94.2
218	45.8	38.4	57.6



#76
Pentachlorobenzene
Concen: 3.74 ng/uL
RT: 14.601 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	250	Resp:	92796
Ion Ratio	Lower	Upper	
250	100		
248	63.9	50.7	76.1
252	66.3	51.0	76.6

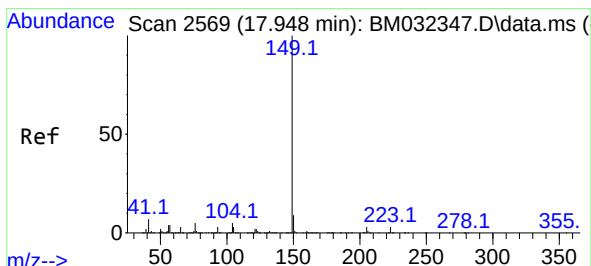
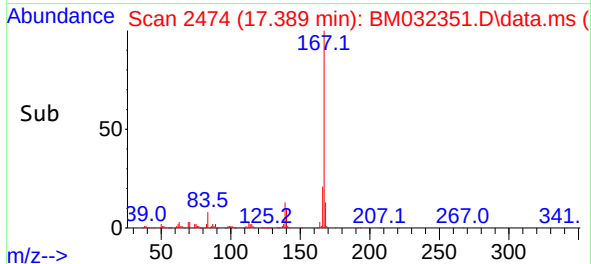
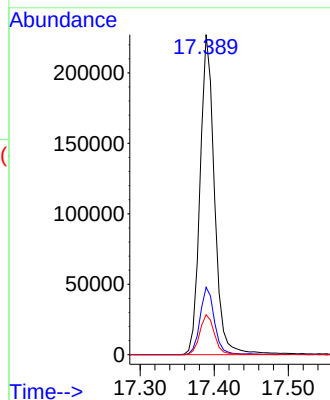
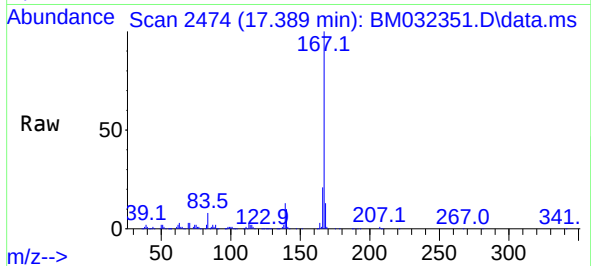




#77
 Carbazole
 Concen: 3.74 ng/ul
 RT: 17.389 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BM032351.D
 Acq: 07 Oct 2021 11:10

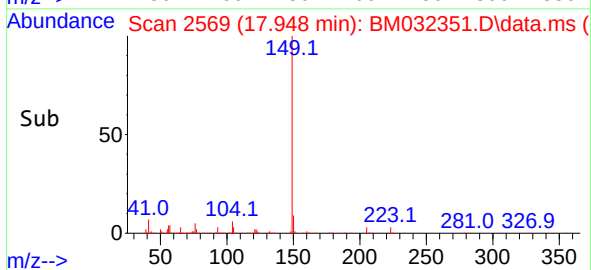
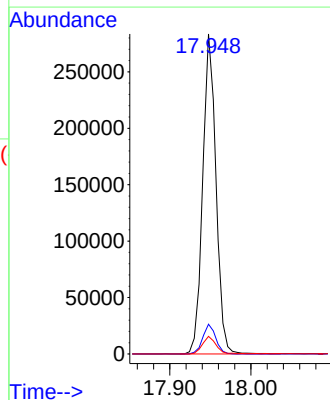
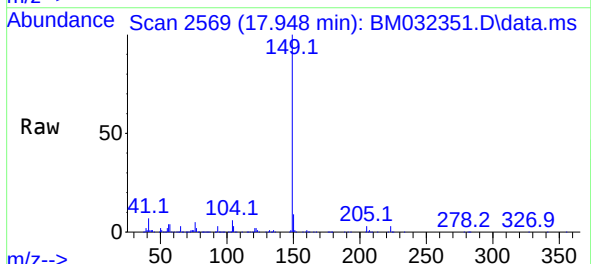
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 ClientSampleId :
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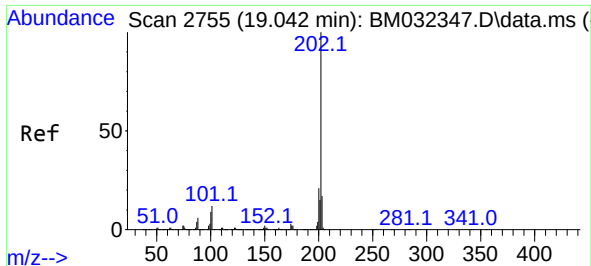
Tgt Ion:167 Resp: 307290
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 12.5 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 3.39 ng/ul
 RT: 17.948 min Scan# 2569
 Delta R.T. 0.000 min
 Lab File: BM032351.D
 Acq: 07 Oct 2021 11:10

Tgt Ion:149 Resp: 321704
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.5 4.2 6.2

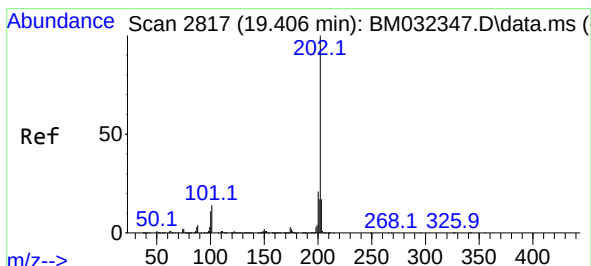
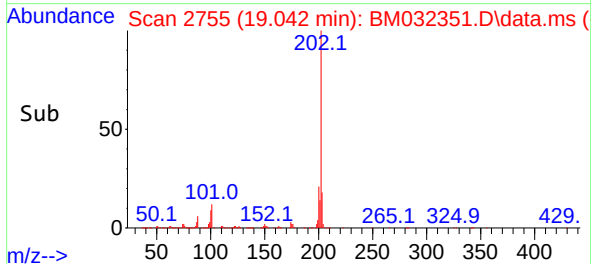
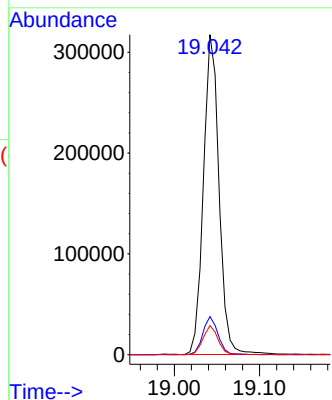
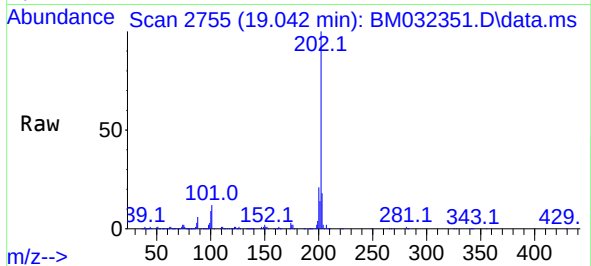




#80
Fluoranthene
Concen: 3.80 ng/ul
RT: 19.042 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

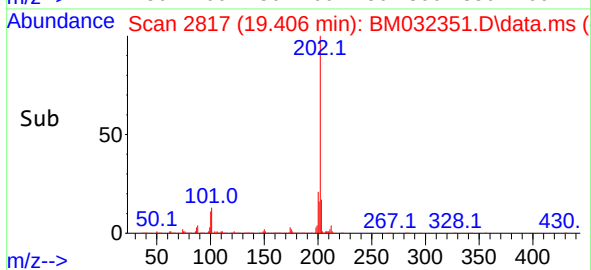
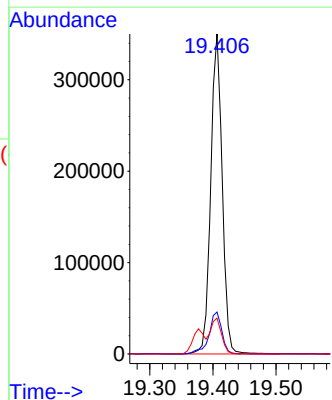
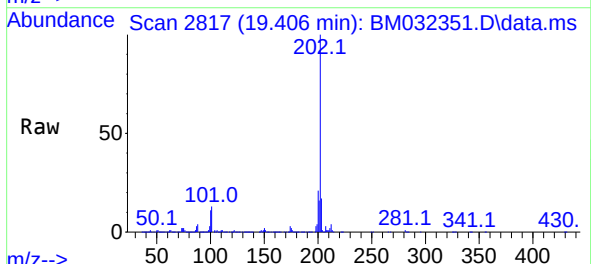
Instrument :
BNA_M
ClientSampleId :
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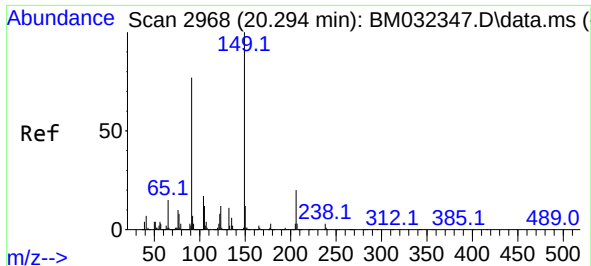
Tgt Ion:202 Resp: 403109
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 9.1 7.0 10.4



#82
Pyrene
Concen: 4.06 ng/ul
RT: 19.406 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:202 Resp: 442705
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 11.2 8.1 12.1

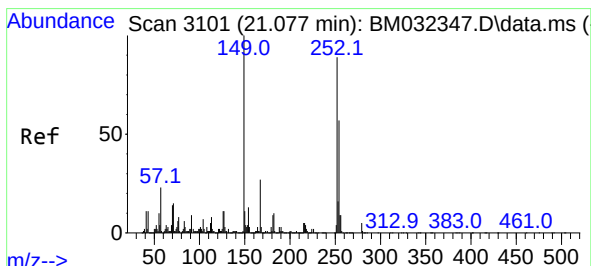
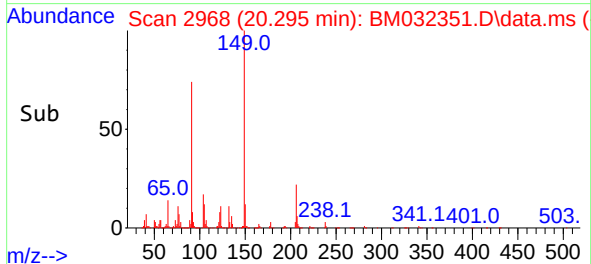
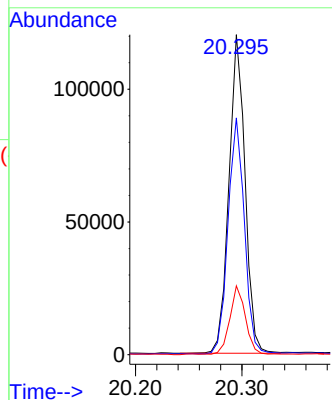
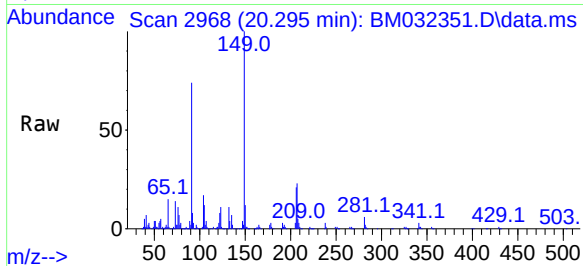




#83
Butylbenzylphthalate
Concen: 3.04 ng/ul
RT: 20.295 min Scan# 2968
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

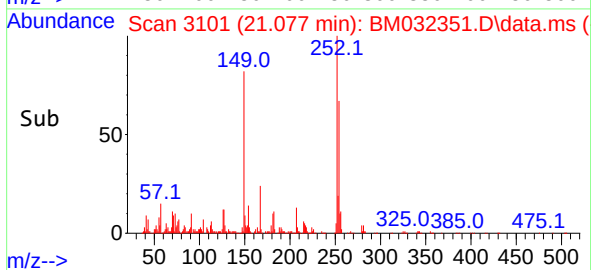
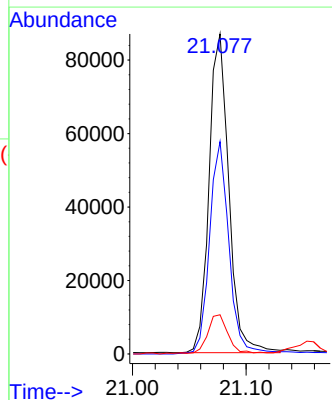
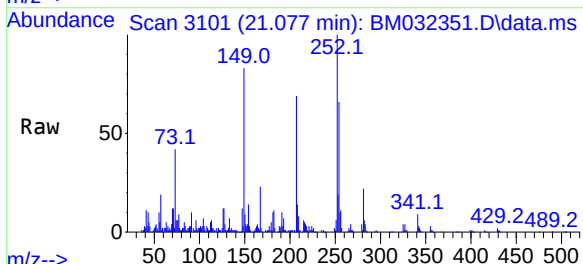
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

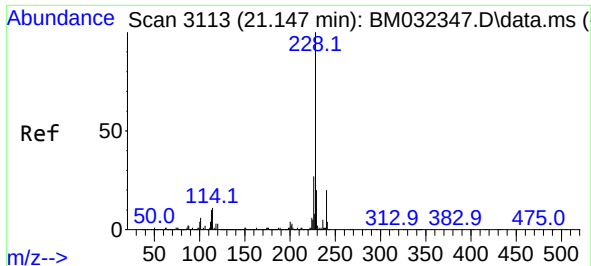
Tgt Ion:149 Resp: 125952
Ion Ratio Lower Upper
149 100
91 74.0 56.3 84.5
206 21.5 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 3.37 ng/ul
RT: 21.077 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:252 Resp: 104611
Ion Ratio Lower Upper
252 100
254 66.4 50.9 76.3
126 12.3 9.0 13.4



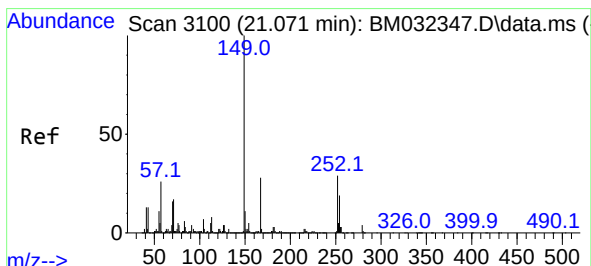
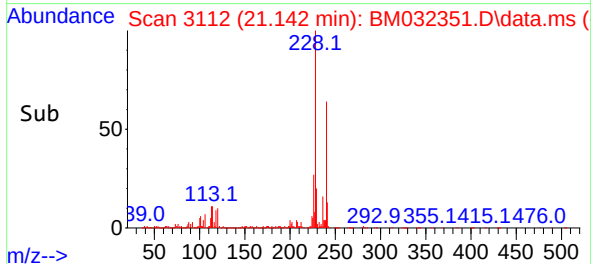
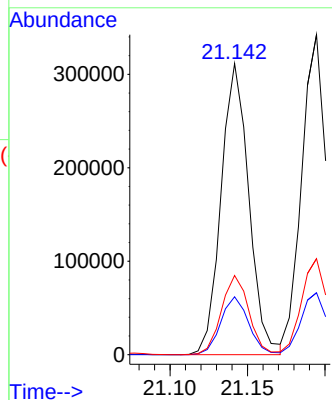
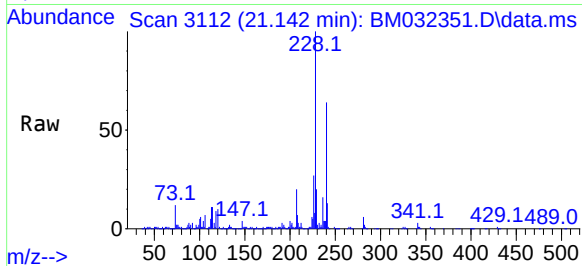


#85
Benzo(a)anthracene
Concen: 3.77 ng/ul
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:228 Resp: 389055

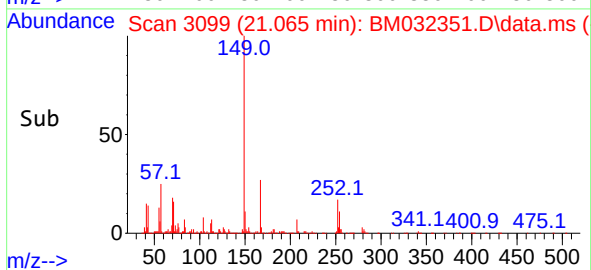
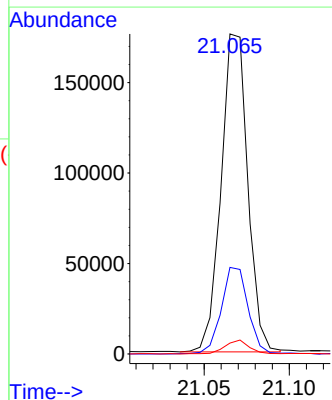
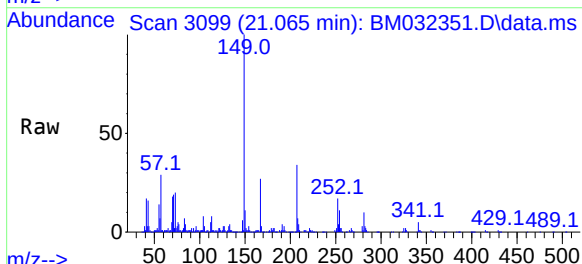
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.2	21.8	32.6

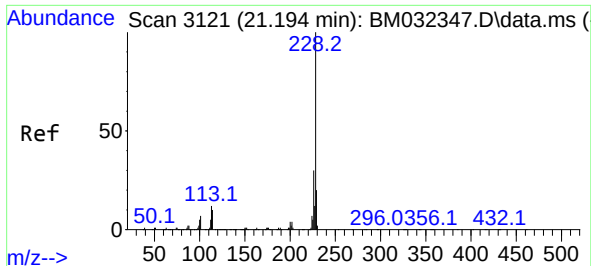


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.33 ng/ul
RT: 21.065 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:149 Resp: 191446

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.0	33.0
279	3.4	3.3	4.9

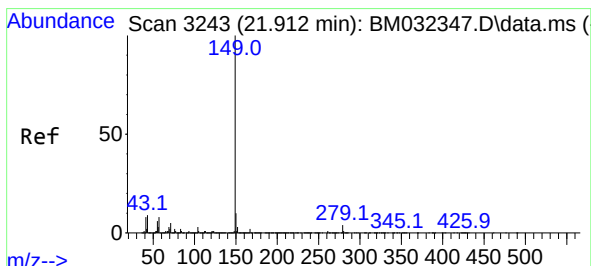
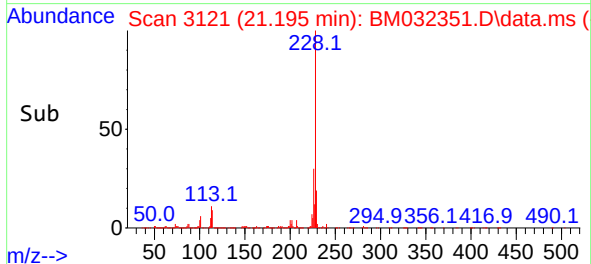
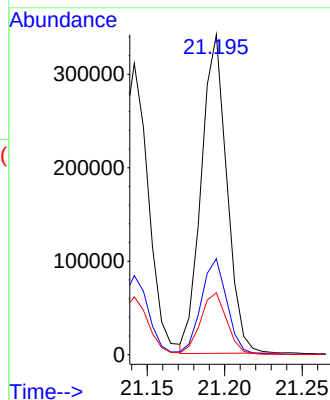
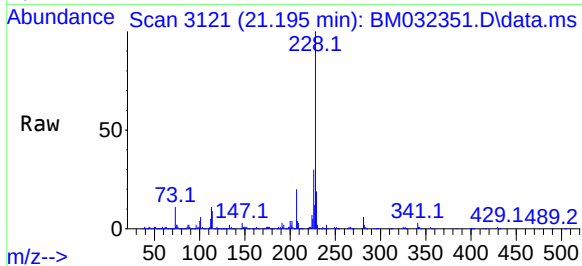




#87
Chrysene
Concen: 3.86 ng/ul
RT: 21.195 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

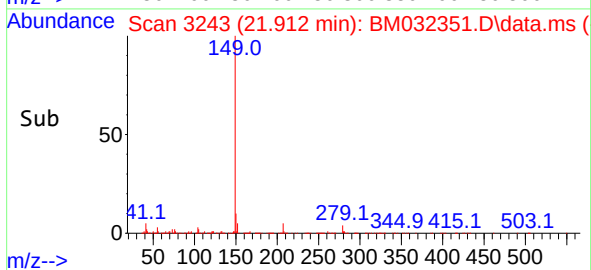
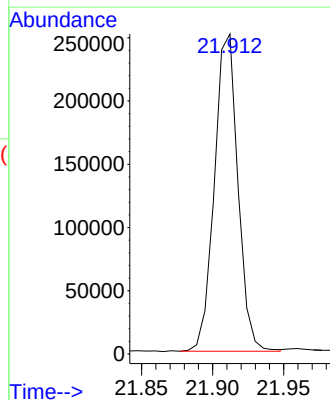
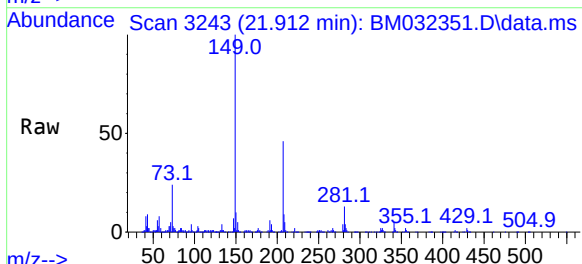
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

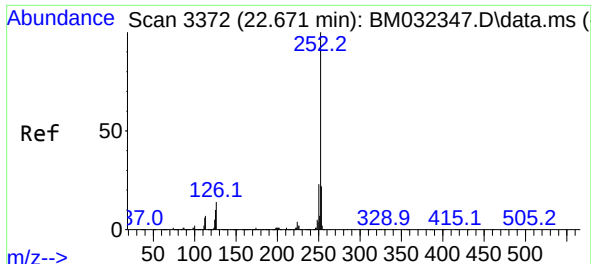
Tgt Ion:	228	Resp:	391826
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.4	15.5	23.3



#89
Di-n-octyl phthalate
Concen: 3.12 ng/ul
RT: 21.912 min Scan# 3243
Delta R.T. 0.000 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:149 Resp: 288759

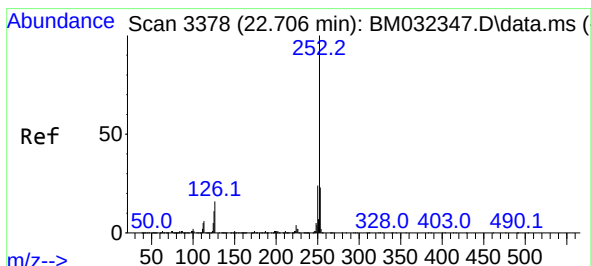
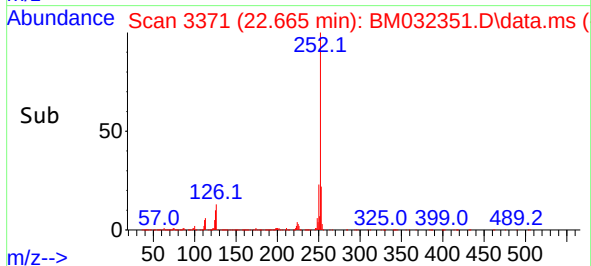
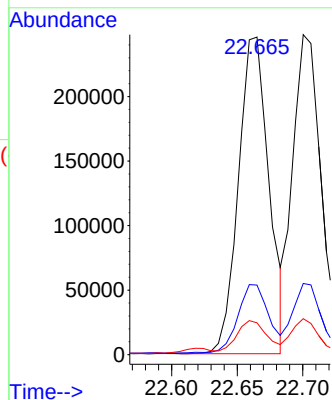
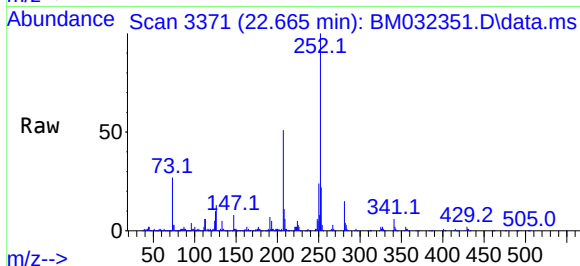




#90
Benzo(b)fluoranthene
Concen: 4.03 ng/ul
RT: 22.665 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

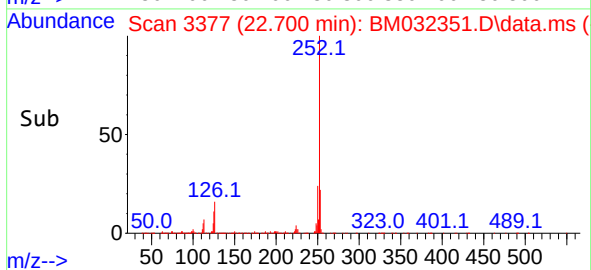
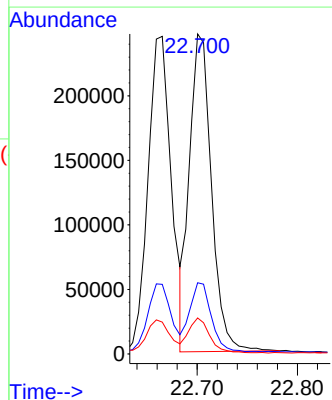
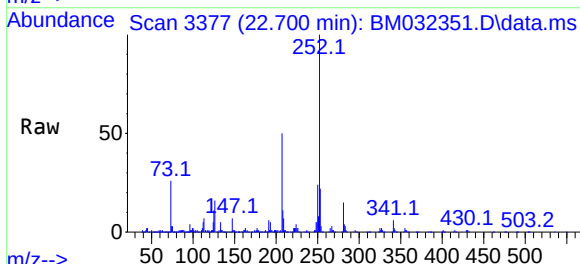
Instrument :
BNA_M
ClientSampleId :
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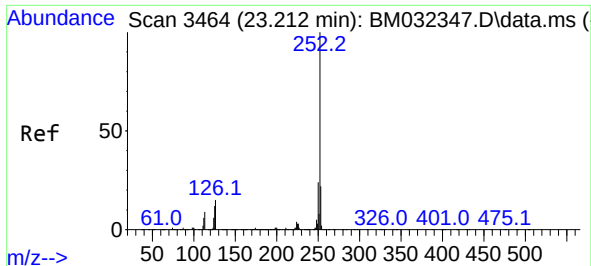
Tgt Ion:252 Resp: 398268
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.0 8.2 12.4



#91
Benzo(k)fluoranthene
Concen: 4.20 ng/ul
RT: 22.700 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:252 Resp: 376648
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.2 8.4 12.6

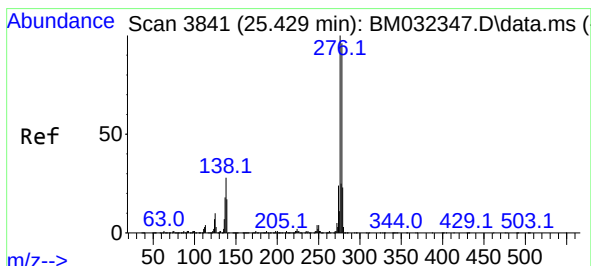
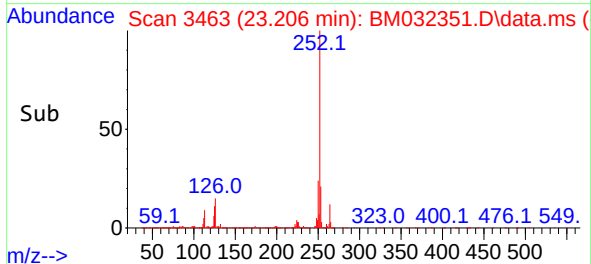
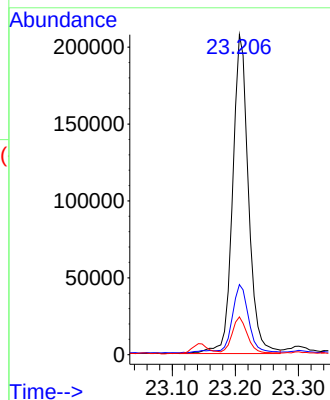
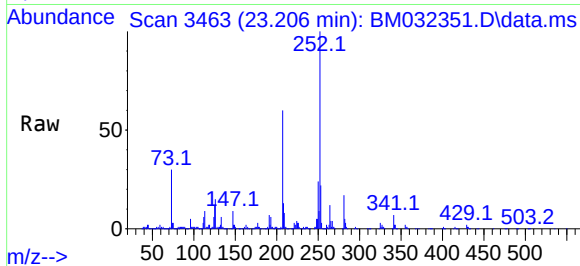




#93
Benzo(a)pyrene
Concen: 3.87 ng/ul
RT: 23.206 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

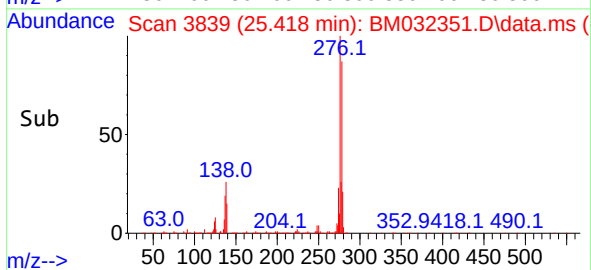
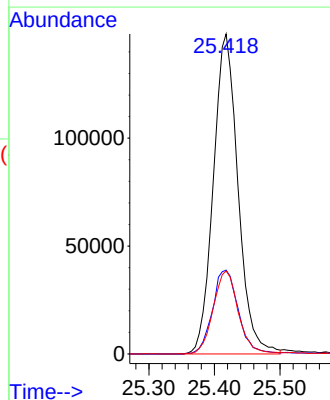
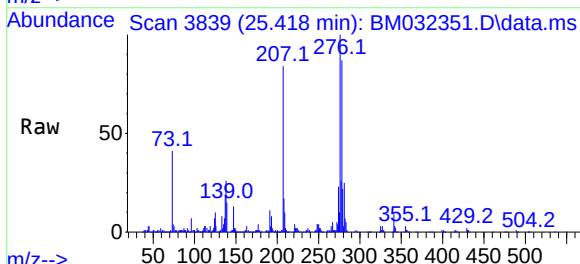
Instrument :
BNA_M
ClientSampleId :
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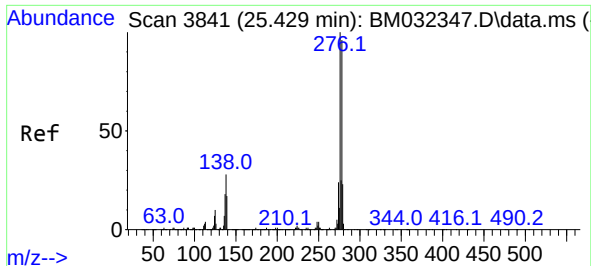
Tgt Ion:252	Resp: 361824
Ion Ratio	Lower Upper
252 100	
253 21.9	17.8 26.6
125 11.8	9.2 13.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.74 ng/ul
RT: 25.418 min Scan# 3839
Delta R.T. -0.012 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:276	Resp: 387143
Ion Ratio	Lower Upper
276 100	
138 26.2	21.8 32.6
277 25.9	20.4 30.6

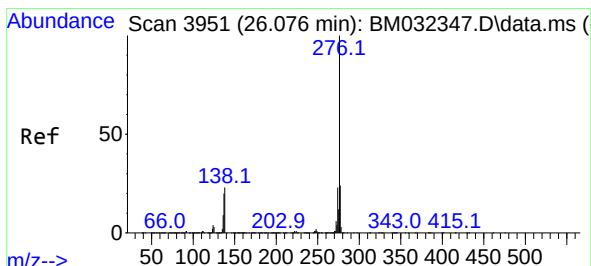
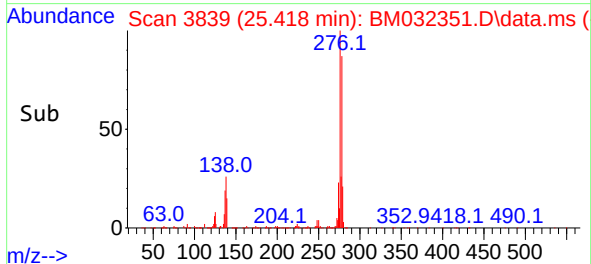
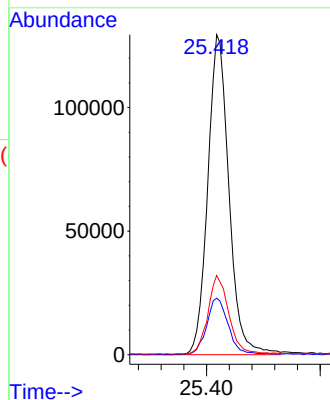
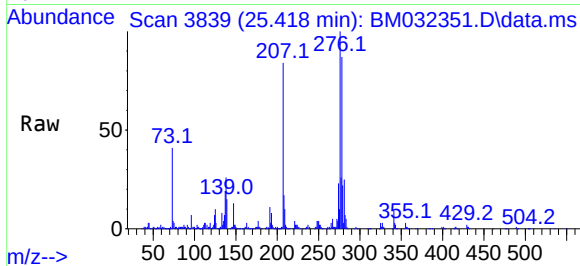




#95
Dibenzo(a,h)anthracene
Concen: 3.76 ng/ul
RT: 25.418 min Scan# 3839
Delta R.T. -0.012 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-08

Tgt Ion:	278	Resp:	333976
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.2
279	24.8	19.0	28.4



#96
Benzo(g,h,i)perylene
Concen: 3.67 ng/ul
RT: 26.071 min Scan# 3950
Delta R.T. -0.006 min
Lab File: BM032351.D
Acq: 07 Oct 2021 11:10

Tgt Ion:	276	Resp:	331913
Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.6	27.8
277	23.5	19.0	28.4

