

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041287.D
 Acq On : 04 Aug 2023 10:38
 Operator : MA/JU
 Sample : 03854-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Quant Time: Aug 04 12:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	151197	20.000	ng	0.00	
21) Naphthalene-d8	10.604	136	641163	20.000	ng	0.00	
39) Acenaphthene-d10	14.463	164	414947	20.000	ng	0.00	
64) Phenanthrene-d10	17.221	188	957975	20.000	ng	0.00	
76) Chrysene-d12	21.433	240	924548	20.000	ng	0.00	
86) Perylene-d12	23.803	264	936138	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1134766	112.172	ng	0.00	
7) Phenol-d6	6.981	99	1417225	108.076	ng	0.00	
23) Nitrobenzene-d5	8.975	82	1043344	75.675	ng	0.00	
42) 2,4,6-Tribromophenol	15.968	330	840227	143.159	ng	0.00	
45) 2-Fluorobiphenyl	13.080	172	2460216	74.898	ng	0.00	
79) Terphenyl-d14	19.862	244	4437216	86.775	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	126630	29.261	ng	#	43
3) Pyridine	3.681	79	326812	28.721	ng		94
4) n-Nitrosodimethylamine	3.587	42	179944	34.192	ng		89
6) Aniline	7.134	93	357169	23.274	ng		97
8) 2-Chlorophenol	7.363	128	452455	45.814	ng		97
9) Benzaldehyde	6.945	77	186725	26.986	ng		98
10) Phenol	7.010	94	527299	41.634	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	431548	42.094	ng		97
12) 1,3-Dichlorobenzene	7.681	146	461364	42.917	ng		99
13) 1,4-Dichlorobenzene	7.828	146	477247	44.168	ng		100
14) 1,2-Dichlorobenzene	8.145	146	463293	44.718	ng		99
15) Benzyl Alcohol	8.051	79	450671	54.421	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	522198	38.229	ng		95
17) 2-Methylphenol	8.257	107	388870	44.942	ng		99
18) Hexachloroethane	8.863	117	178982	44.493	ng		89
19) n-Nitroso-di-n-propyla...	8.616	70	374351	47.000	ng		95
20) 3+4-Methylphenols	8.586	107	531655	45.954	ng		98
22) Acetophenone	8.633	105	711493	41.900	ng		98
24) Nitrobenzene	9.016	77	551420	39.549	ng		100
25) Isophorone	9.539	82	1062873	45.414	ng		99
26) 2-Nitrophenol	9.722	139	259736	47.654	ng		94
27) 2,4-Dimethylphenol	9.792	122	407859	42.525	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	618090	42.161	ng		99
29) 2,4-Dichlorophenol	10.257	162	478231	49.444	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	480972	45.009	ng		99
31) Naphthalene	10.651	128	1387205	39.870	ng		100
32) Benzoic acid	9.951	122	181654	28.614	ng		97
33) 4-Chloroaniline	10.786	127	101022	7.265	ng		97
34) Hexachlorobutadiene	10.916	225	296084	46.069	ng		98
35) Caprolactam	11.610	113	95380	34.089	ng		88
36) 4-Chloro-3-methylphenol	11.922	107	512021	50.296	ng		97
37) 2-Methylnaphthalene	12.269	142	996464	42.481	ng		99
38) 1-Methylnaphthalene	12.492	142	955604	43.527	ng		100
40) 1,2,4,5-Tetrachloroben...	12.645	216	570298	42.326	ng	#	97
41) Hexachlorocyclopentadiene	12.604	237	496544	69.658	ng		98

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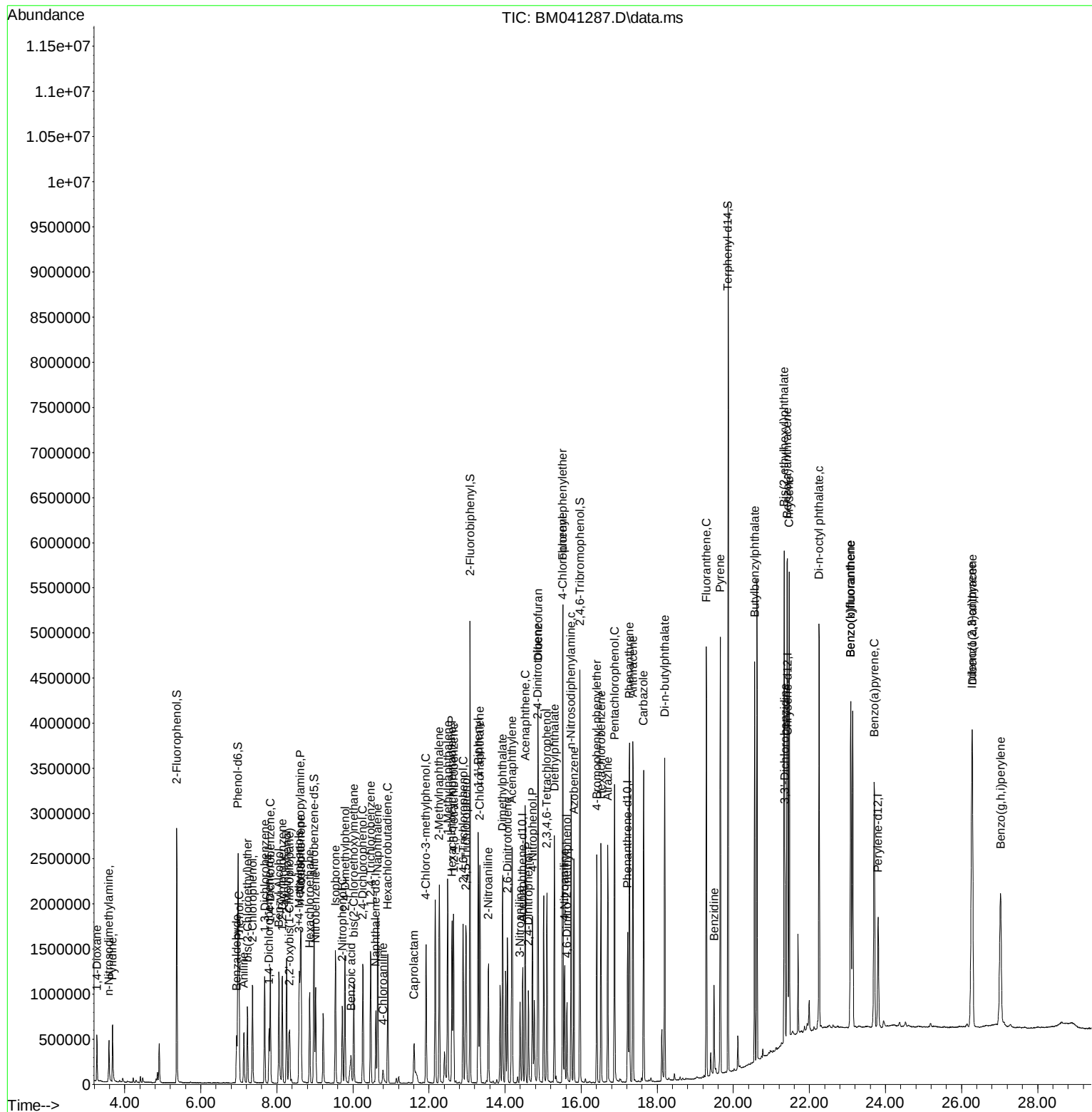
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.898	196	416443	48.222	ng	97
44) 2,4,5-Trichlorophenol	12.974	196	464007	46.422	ng	93
46) 1,1'-Biphenyl	13.292	154	1350605	40.150	ng	98
47) 2-Chloronaphthalene	13.333	162	1069229	42.569	ng	99
48) 2-Nitroaniline	13.563	65	367039	45.780	ng	94
49) Acenaphthylene	14.186	152	1749408	43.151	ng	100
50) Dimethylphthalate	13.933	163	1468875	47.060	ng	100
51) 2,6-Dinitrotoluene	14.063	165	314074	48.563	ng	95
52) Acenaphthene	14.527	154	1002606	41.051	ng	100
53) 3-Nitroaniline	14.392	138	218848	30.250	ng	95
54) 2,4-Dinitrophenol	14.615	184	215978	51.680	ng	# 87
55) Dibenzofuran	14.863	168	1698014	42.612	ng	99
56) 4-Nitrophenol	14.721	139	478163	88.713	ng	95
57) 2,4-Dinitrotoluene	14.857	165	449102	48.592	ng	94
58) Fluorene	15.515	166	1381116	43.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	412599	50.976	ng	95
60) Diethylphthalate	15.298	149	1424727	47.201	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	725117	46.032	ng	97
62) 4-Nitroaniline	15.568	138	296745	43.450	ng	97
63) Azobenzene	15.810	77	1386592	41.937	ng	95
65) 4,6-Dinitro-2-methylph...	15.627	198	187489	32.307	ng	87
66) n-Nitrosodiphenylamine	15.733	169	1194760	40.101	ng	99
67) 4-Bromophenyl-phenylether	16.409	248	460496	43.842	ng	98
68) Hexachlorobenzene	16.521	284	544095	46.586	ng	96
69) Atrazine	16.698	200	463792	59.276	ng	100
70) Pentachlorophenol	16.880	266	626044	77.409	ng	99
71) Phenanthrene	17.268	178	2206177	41.450	ng	100
72) Anthracene	17.356	178	2243134	42.612	ng	100
73) Carbazole	17.639	167	2100890	44.094	ng	100
74) Di-n-butylphthalate	18.198	149	2614362	48.558	ng	99
75) Fluoranthene	19.292	202	2743827	45.885	ng	99
77) Benzidine	19.492	184	608460	48.285	ng	100
78) Pyrene	19.656	202	2870603	44.399	ng	99
80) Butylbenzylphthalate	20.562	149	1231147	52.143	ng	94
81) Benzo(a)anthracene	21.415	228	2856199	45.570	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	573069	28.020	ng	99
83) Chrysene	21.468	228	2571441	42.416	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1834968	48.889	ng	97
85) Di-n-octyl phthalate	22.250	149	3113166	52.171	ng	95
87) Indeno(1,2,3-cd)pyrene	26.274	276	2630237	38.216	ng	# 95
88) Benzo(b)fluoranthene	23.085	252	2626871	47.235	ng	# 98
89) Benzo(k)fluoranthene	23.085	252	2626871	46.177	ng	98
90) Benzo(a)pyrene	23.703	252	2187898	40.945	ng	# 97
91) Dibenzo(a,h)anthracene	26.279	278	2206190	38.431	ng	97
92) Benzo(g,h,i)perylene	27.026	276	2021114	35.981	ng	96

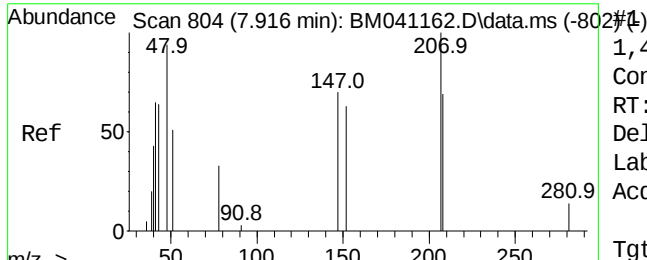
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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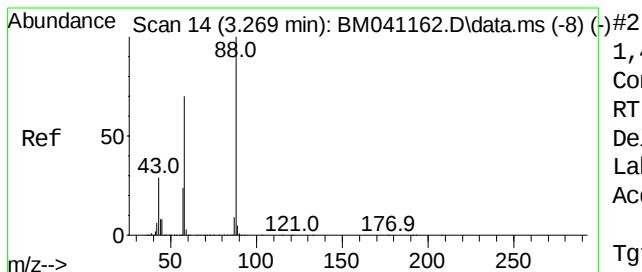
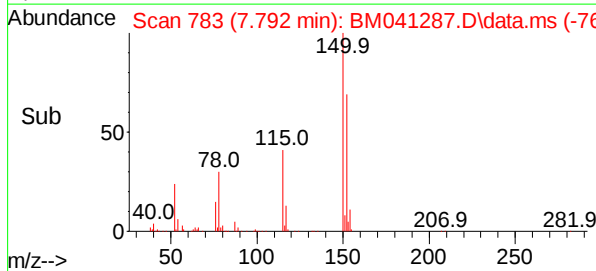
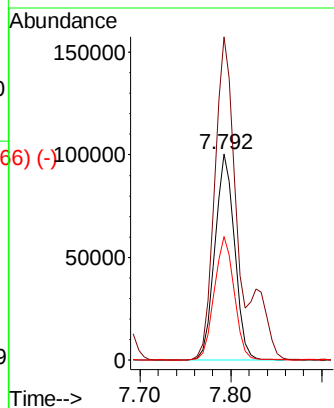
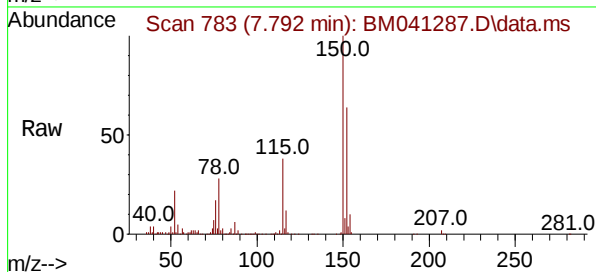




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041287.D
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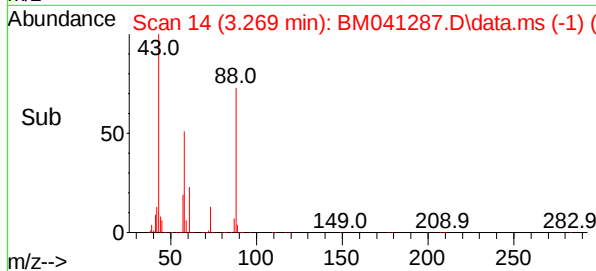
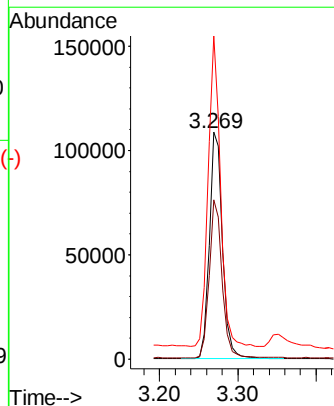
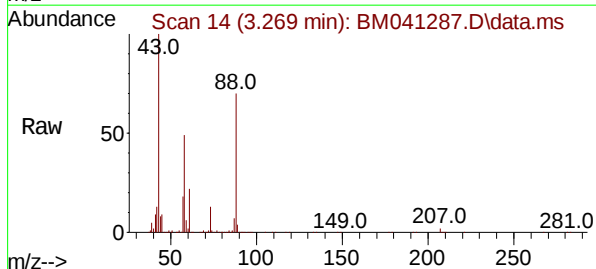
Instrument :
 BNA_M
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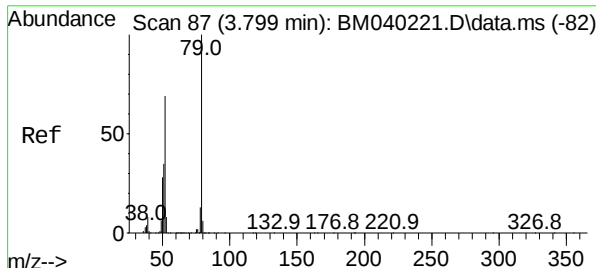
Tgt Ion:152 Resp: 151197
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.5 188.3
 115 59.8 48.0 72.0



1,4-Dioxane
 Concen: 29.261 ng
 RT: 3.269 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BM041287.D
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Tgt Ion: 88 Resp: 126630
 Ion Ratio Lower Upper
 88 100
 58 68.0 58.2 87.4
 43 128.6 24.4 36.6#

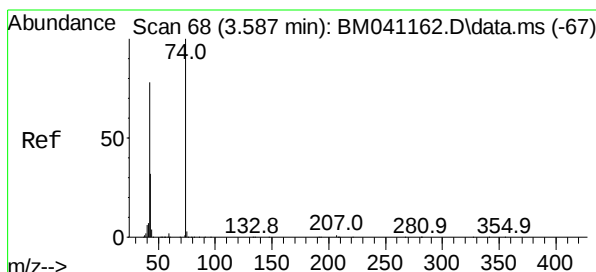
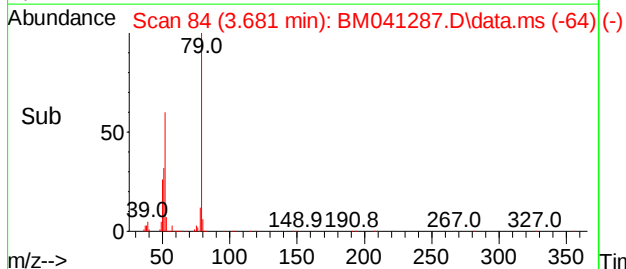
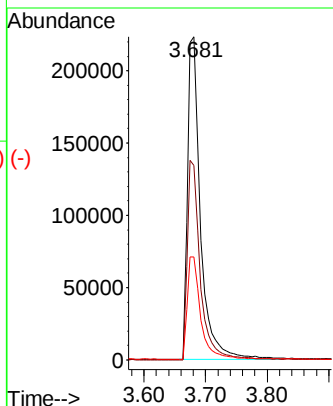
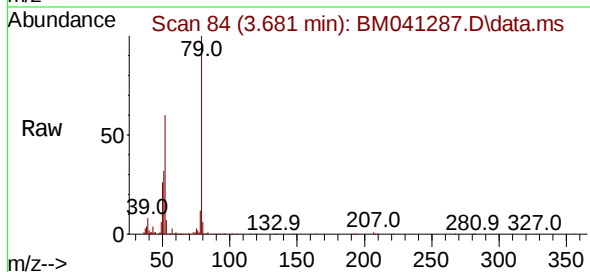




Pyridine
 Concen: 28.721 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.017 min
 Lab File: BM041287.D
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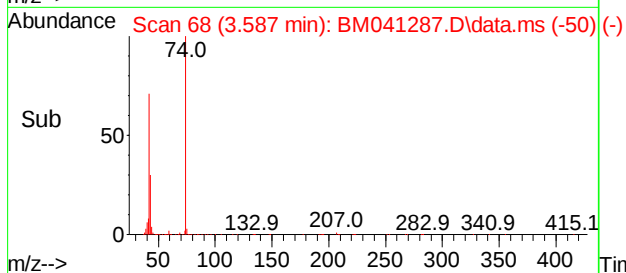
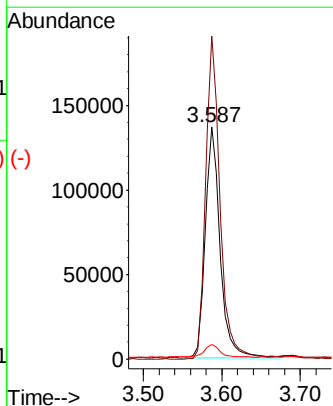
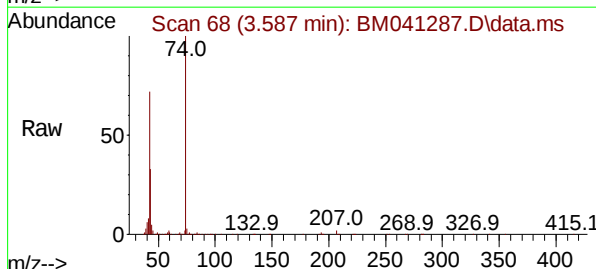
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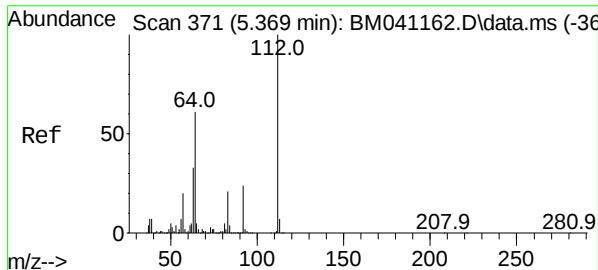
Tgt Ion:	79	Resp:	326812
Ion	Ratio	Lower	Upper
79	100		
52	60.1	52.1	78.1
51	31.8	27.5	41.3



n-Nitrosodimethylamine
 Concen: 34.192 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041287.D
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Tgt Ion:	42	Resp:	179944
Ion	Ratio	Lower	Upper
42	100		
74	139.1	100.8	151.2
44	6.4	5.0	7.4





2-Fluorophenol

Concen: 112.172 ng

RT: 5.369 min Scan# 664

Delta R.T. -0.000 min

Lab File: BM041287.D

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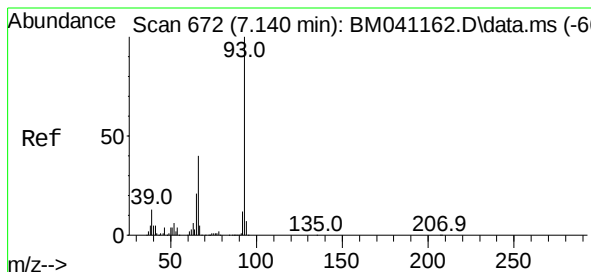
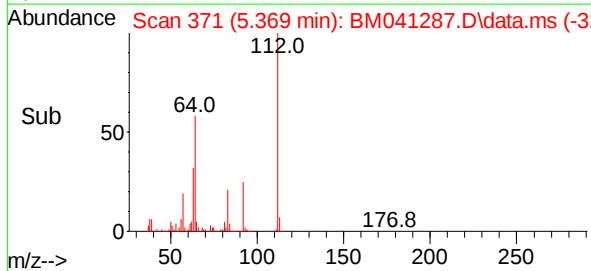
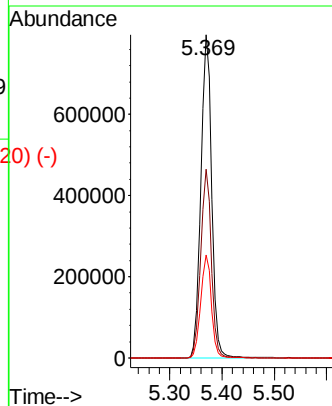
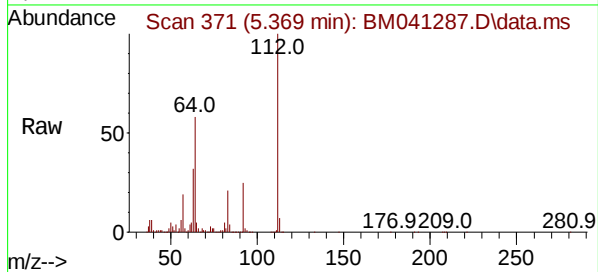
Tgt Ion:112 Resp: 1134766

Ion Ratio Lower Upper

112 100

64 58.3 48.5 72.7

63 31.8 26.5 39.7



Aniline

Concen: 23.274 ng

RT: 7.134 min Scan# 671

Delta R.T. 0.006 min

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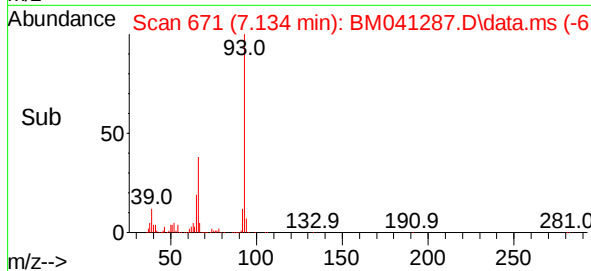
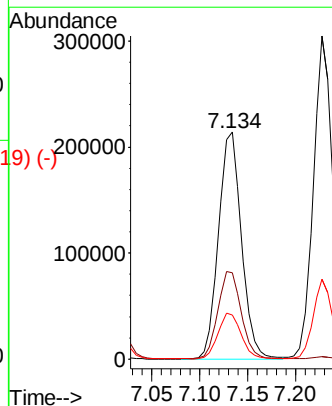
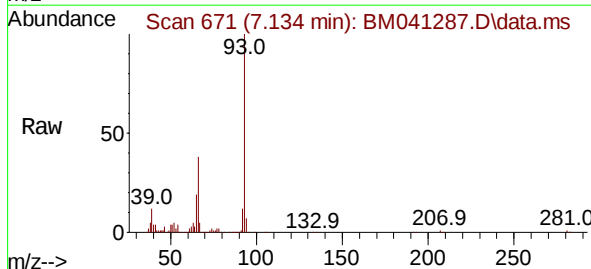
Tgt Ion: 93 Resp: 357169

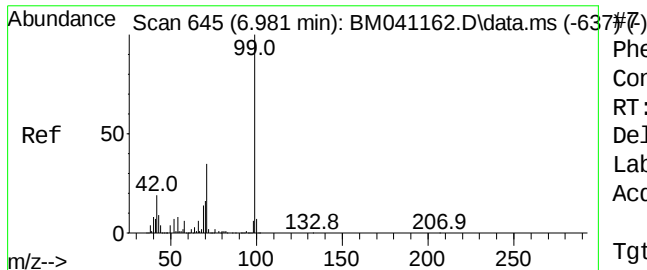
Ion Ratio Lower Upper

93 100

66 38.2 32.0 48.0

65 19.5 16.6 24.8



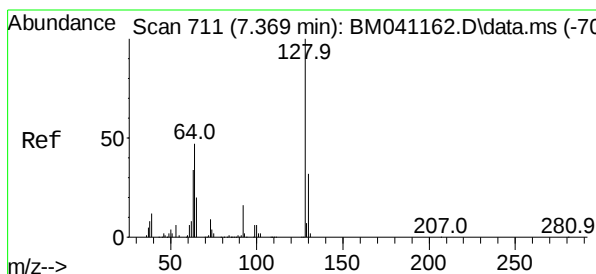
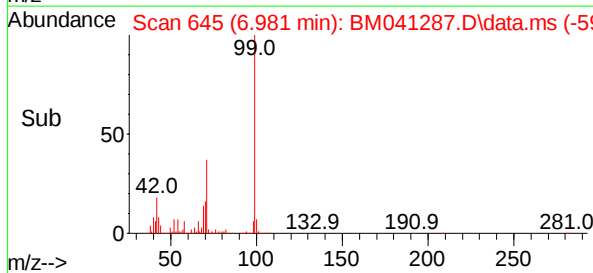
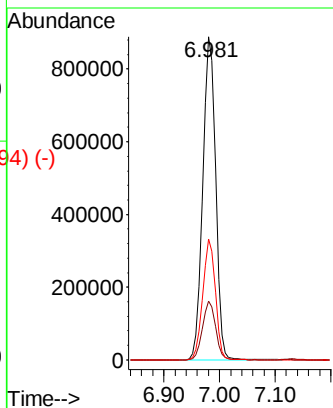
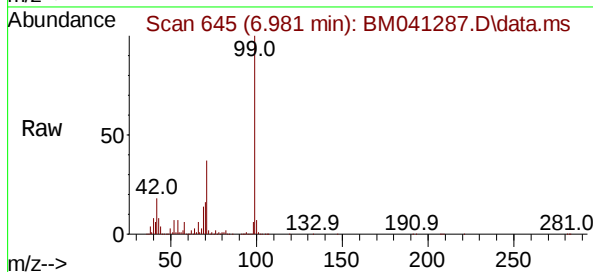


Phenol-d6
 Concen: 108.076 ng
 RT: 6.981 min Scan# 645
 Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 1417225

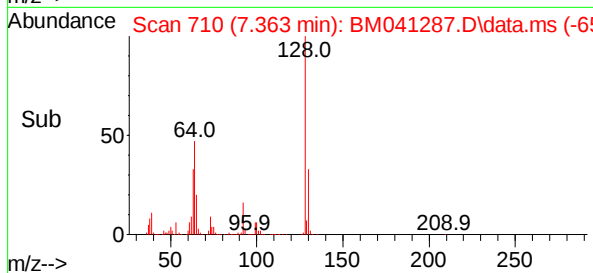
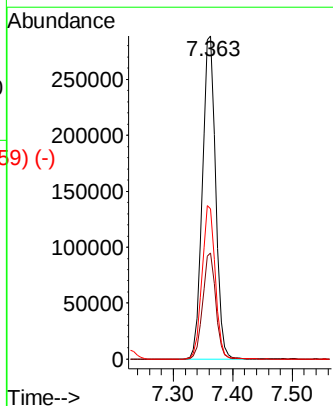
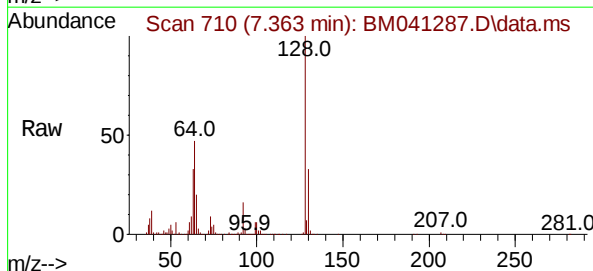
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.4	23.0
71	37.4	28.2	42.4

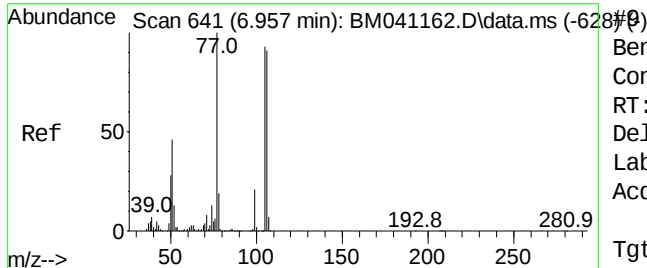


2-Chlorophenol
 Concen: 45.814 ng
 RT: 7.363 min Scan# 710
 Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 452455

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	46.5	29.3	69.3





Benzaldehyde

Concen: 26.986 ng

RT: 6.945 min Scan#

Delta R.T. -0.000 min

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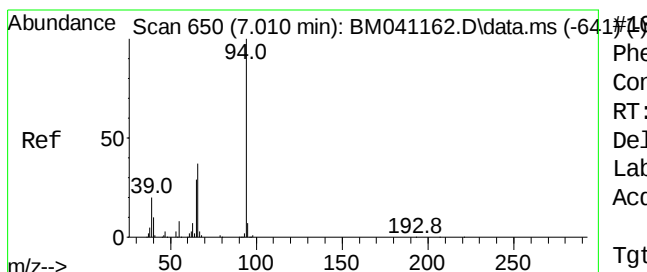
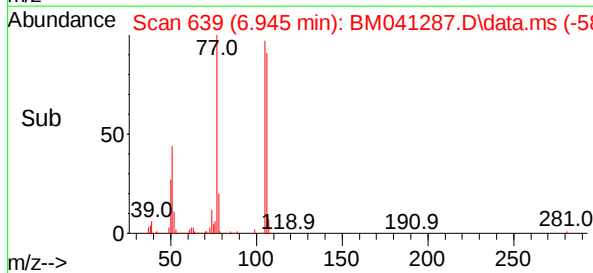
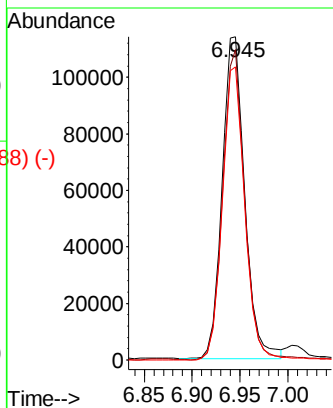
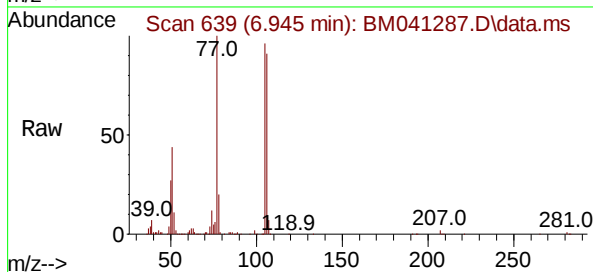
Tgt Ion: 77 Resp: 186725

Ion Ratio Lower Upper

77 100

105 96.1 72.8 112.8

106 90.7 70.8 110.8



Phenol

Concen: 41.634 ng

RT: 7.010 min Scan# 650

Delta R.T. -0.000 min

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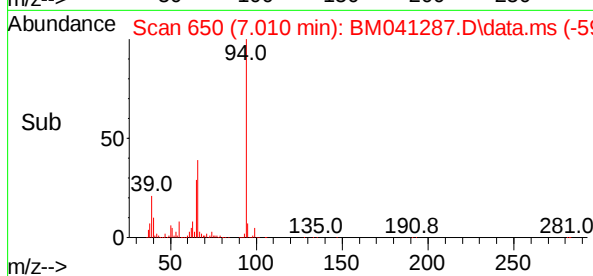
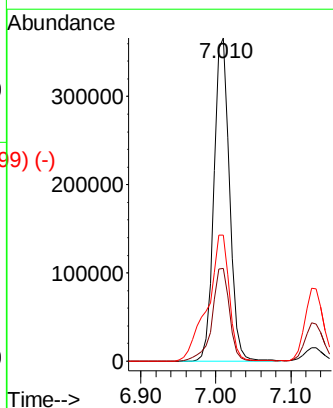
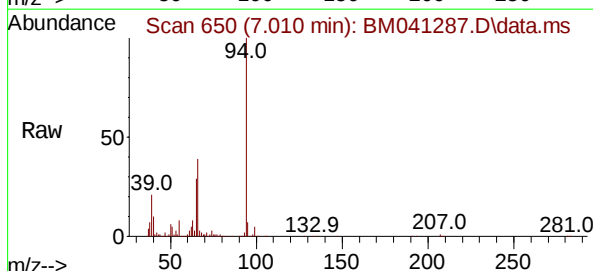
Tgt Ion: 94 Resp: 527299

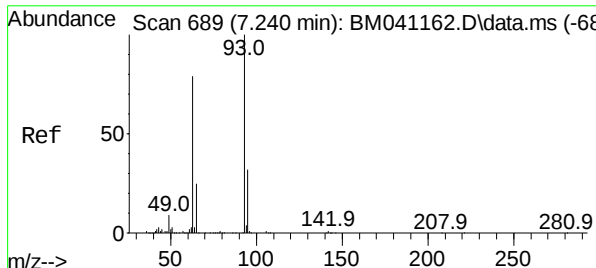
Ion Ratio Lower Upper

94 100

65 28.7 9.5 49.5

66 39.1 18.0 58.0

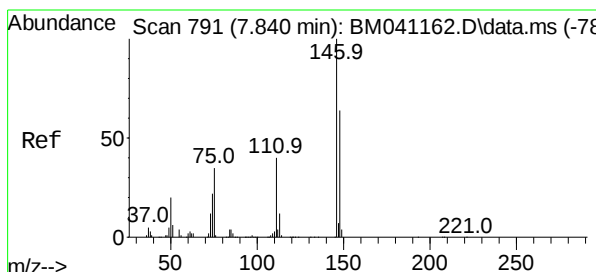
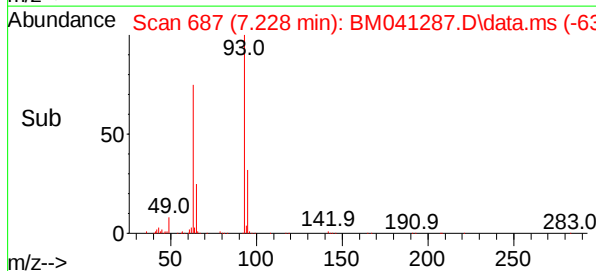
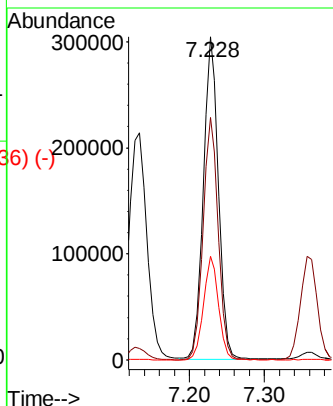
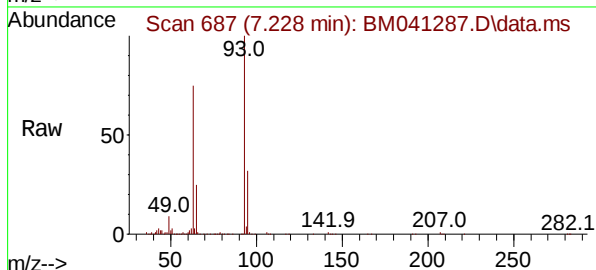




#11
 bis(2-Chloroethyl)ether
 Concen: 42.094 ng
 RT: 7.228 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

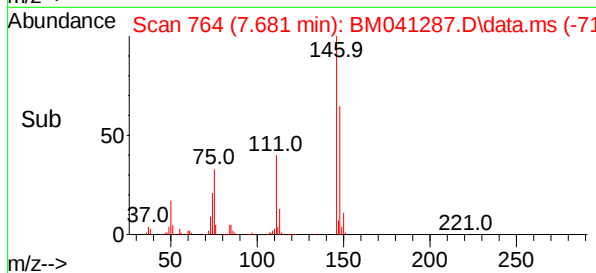
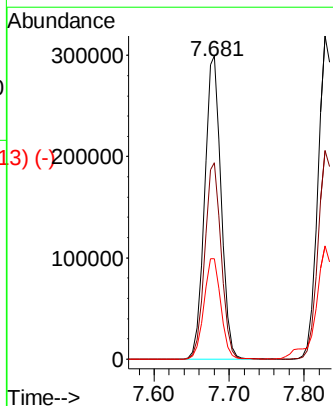
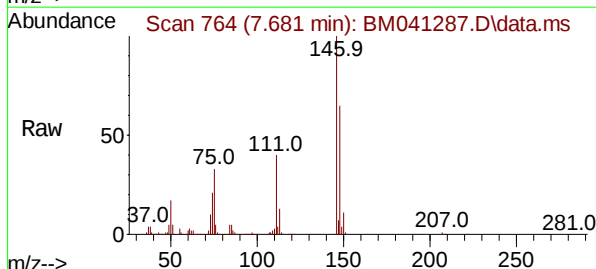
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

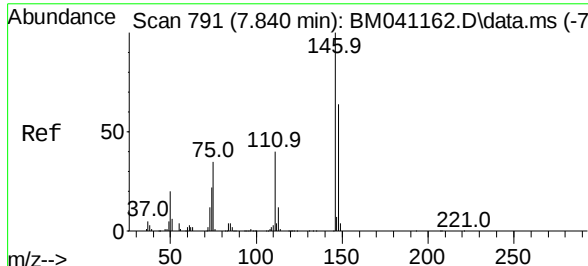
Tgt Ion:	93	Resp:	431548
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.8	98.8
95	32.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.917 ng
 RT: 7.681 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	146	Resp:	461364
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	33.1	28.3	42.5

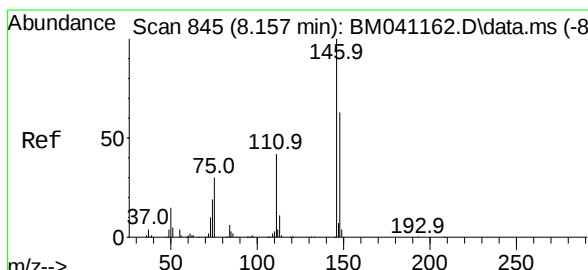
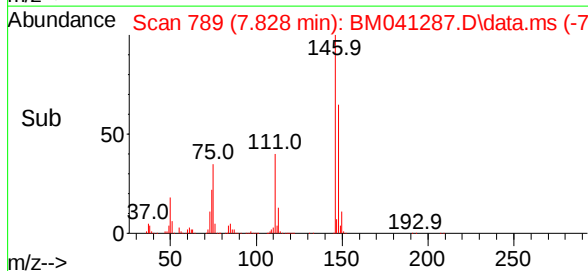
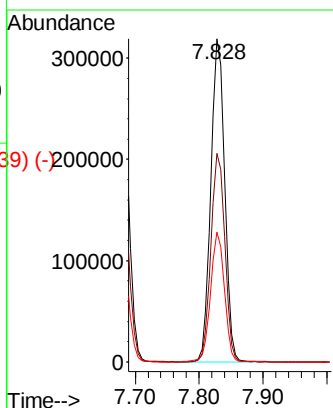
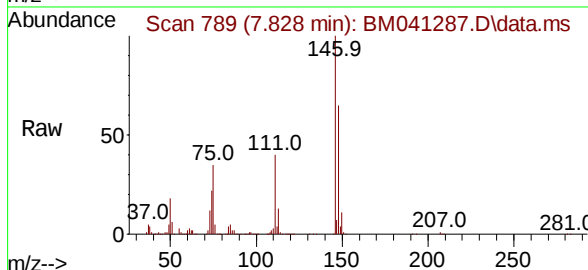




Scan 791 (7.840 min): BM041162.D\data.ms (-7837) (-)
 1,4-Dichlorobenzene
 Concen: 44.168 ng
 RT: 7.828 min Scan# 13
 Delta R.T. -0.006 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

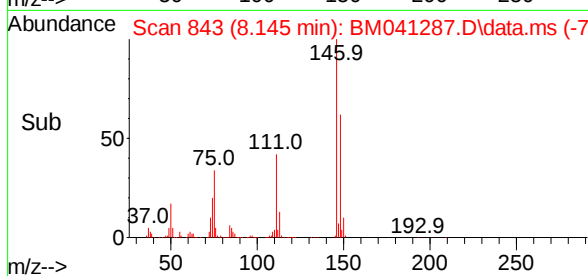
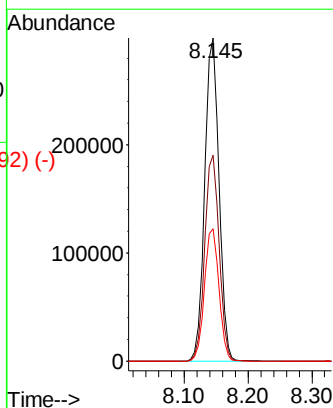
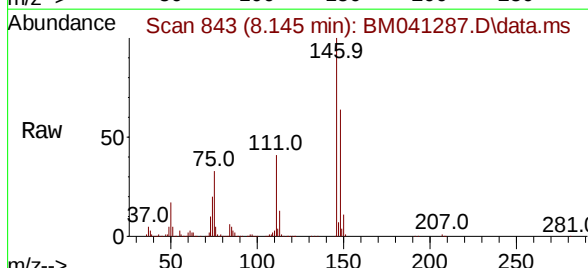
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

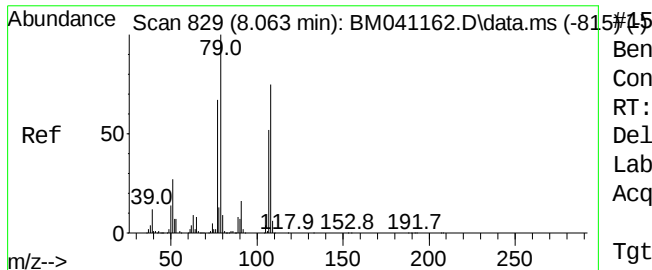
Tgt Ion:	146	Resp:	477247
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
111	40.2	32.4	48.6



Scan 845 (8.157 min): BM041162.D\data.ms (-8377) (-)
 1,2-Dichlorobenzene
 Concen: 44.718 ng
 RT: 8.145 min Scan# 843
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	146	Resp:	463293
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
111	41.0	33.8	50.6

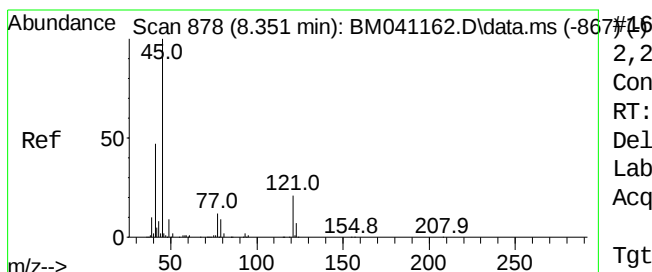
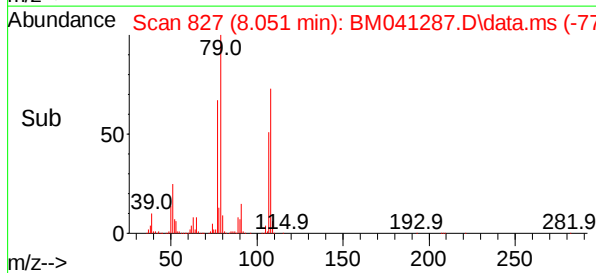
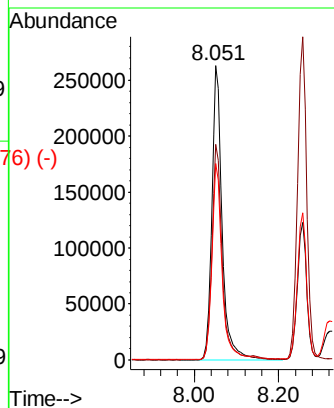
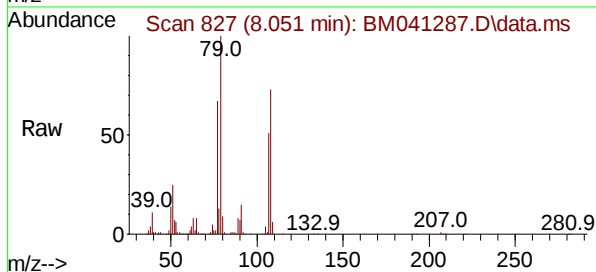




Benzyl Alcohol
 Concen: 54.421 ng
 RT: 8.051 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

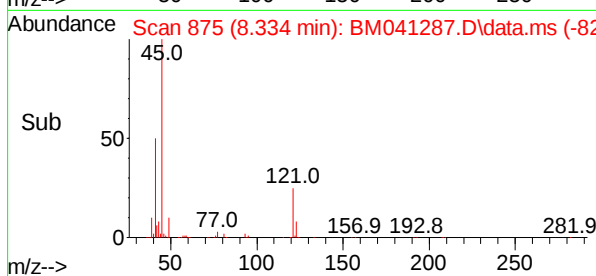
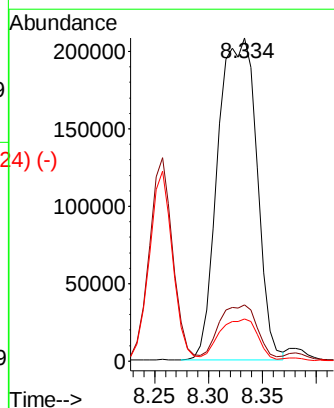
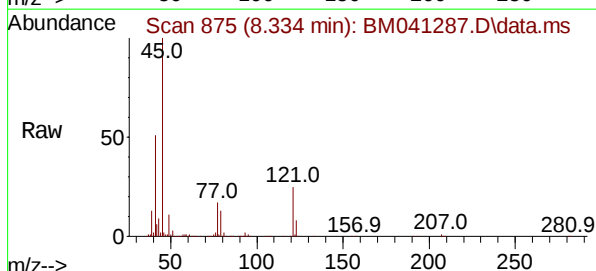
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPS

Tgt Ion: 79 Resp: 450671
 Ion Ratio Lower Upper
 79 100
 108 73.3 59.8 89.8
 77 66.7 53.8 80.6



2,2'-oxybis(1-Chloropropane)
 Concen: 38.229 ng
 RT: 8.334 min Scan# 875
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion: 45 Resp: 522198
 Ion Ratio Lower Upper
 45 100
 77 17.4 0.0 34.5
 79 13.1 0.0 32.1



Abundance Scan 863 (8.263 min): BM041162.D\data.ms (-855) #17

2-Methylphenol

Concen: 44.942 ng

RT: 8.257 min Scan# 863

Delta R.T. -0.000 min

Lab File: BM041287.D

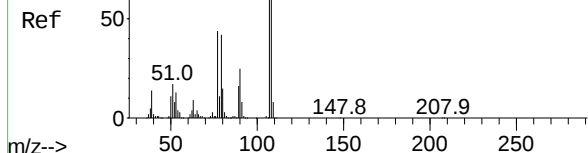
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:107 Resp: 388870

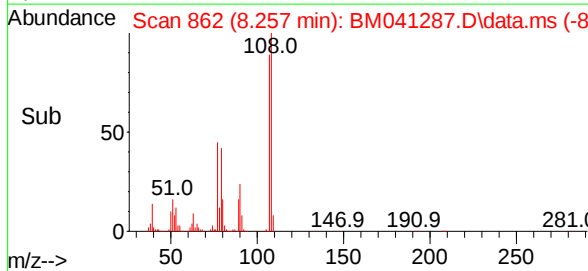
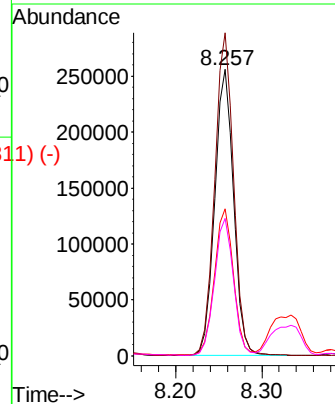
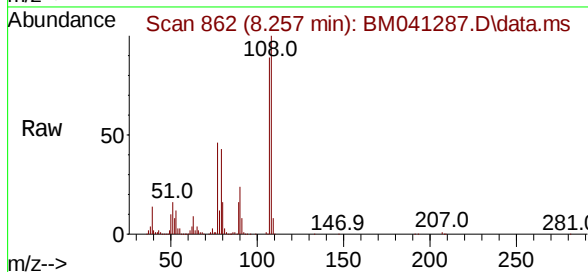
Ion Ratio Lower Upper

107 100

108 112.8 89.9 134.9

77 51.3 39.8 59.8

79 47.9 37.7 56.5



Abundance Scan 967 (8.875 min): BM041162.D\data.ms (-959) #18

Hexachloroethane

Concen: 44.493 ng

RT: 8.863 min Scan# 965

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

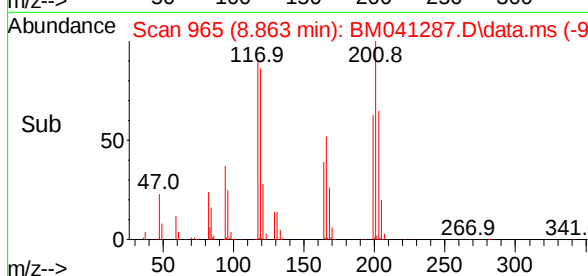
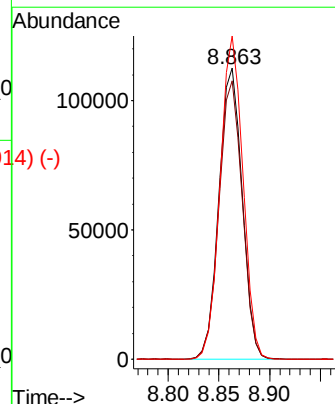
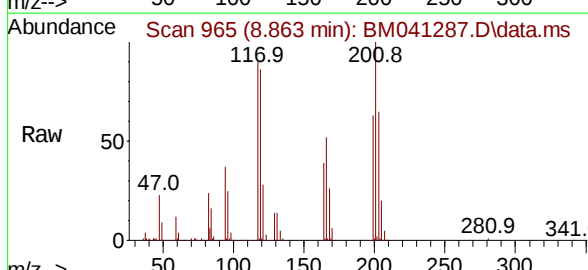
Tgt Ion:117 Resp: 178982

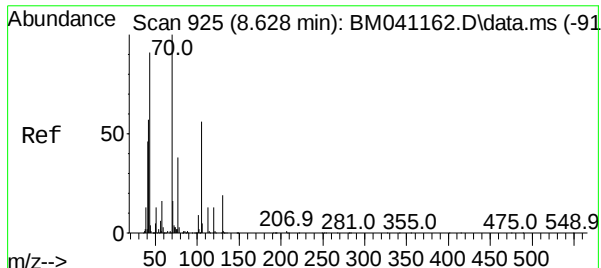
Ion Ratio Lower Upper

117 100

119 95.6 74.2 111.4

201 111.1 74.5 111.7

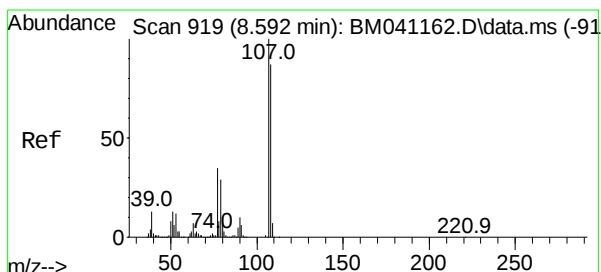
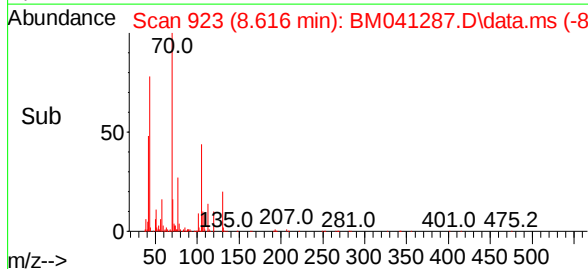
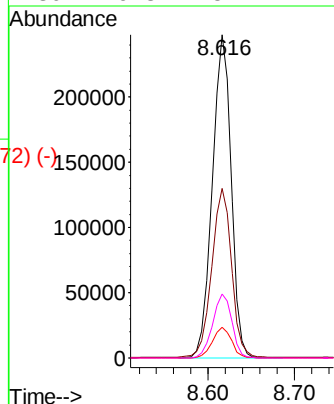
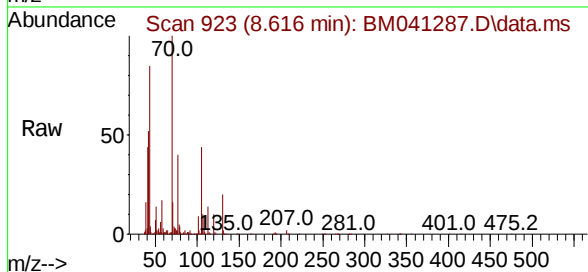




#19
n-Nitroso-di-n-propylamine
Concen: 47.000 ng
RT: 8.616 min Scan# 925
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

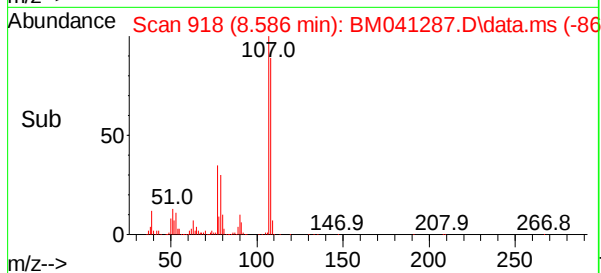
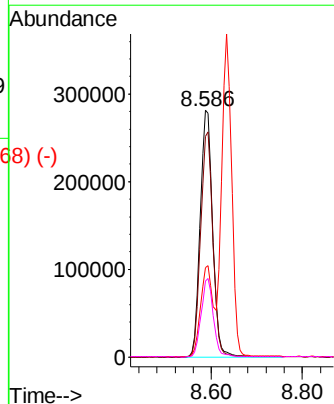
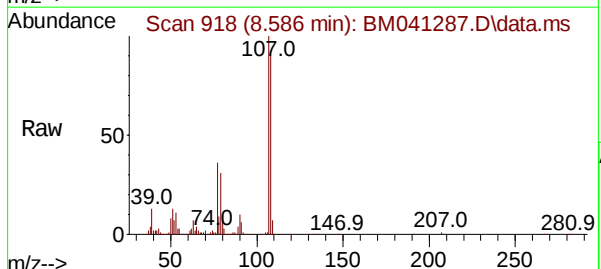
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:	70	Resp:	374351
Ion	Ratio	Lower	Upper
70	100		
42	52.4	45.8	68.8
101	9.5	7.4	11.0
130	19.8	15.2	22.8



#20
3+4-Methylphenols
Concen: 45.954 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	107	Resp:	531655
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.2	107.2
77	36.3	15.4	55.4
79	30.9	9.2	49.2



Abundance Scan 1263 (10.616 min): BM041162.D\data.ms (-1211) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BM041287.D

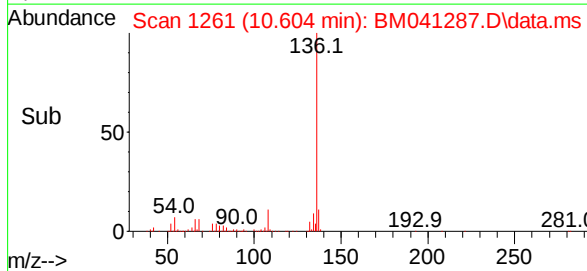
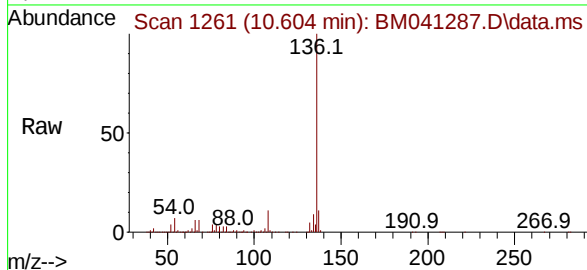
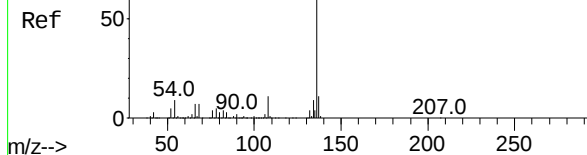
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:136 Resp: 641163

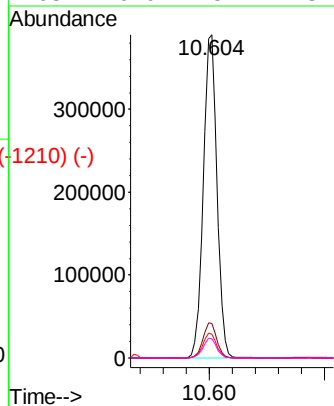
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.3 6.9 10.3

68 6.0 5.4 8.2



Abundance Scan 928 (8.645 min): BM041162.D\data.ms (-9211) (-)

Acetophenone

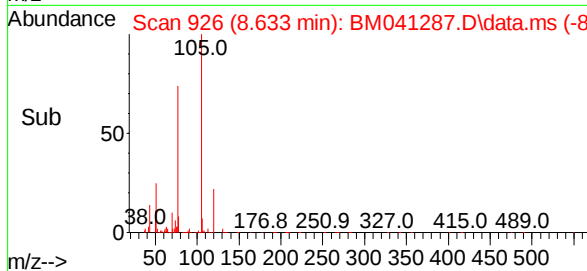
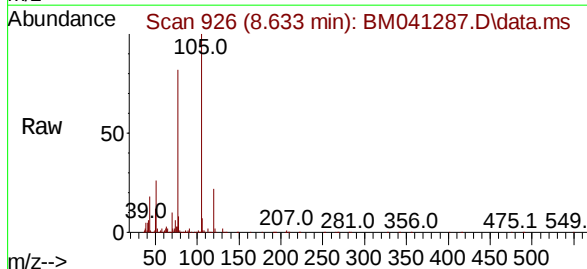
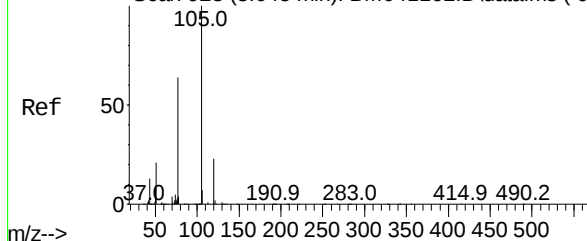
Concen: 41.900 ng

RT: 8.633 min Scan# 926

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38



Tgt Ion:105 Resp: 711493

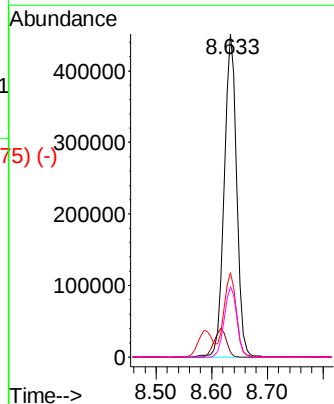
Ion Ratio Lower Upper

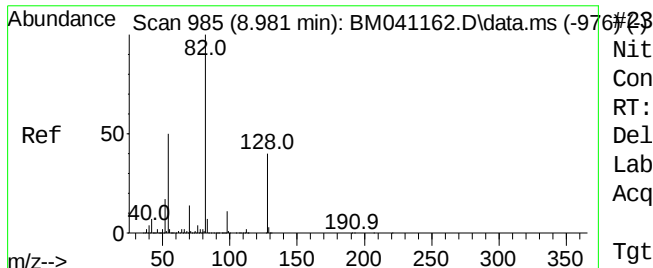
105 100

71 1.7 1.2 1.8

51 26.1 22.0 33.0

120 21.8 18.0 27.0

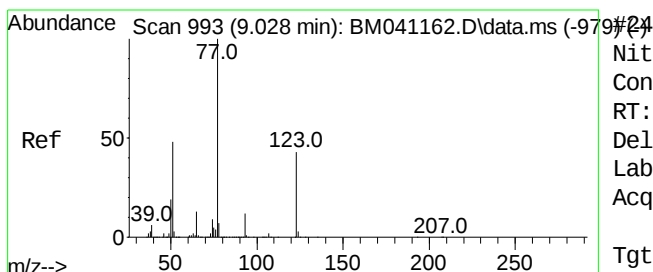
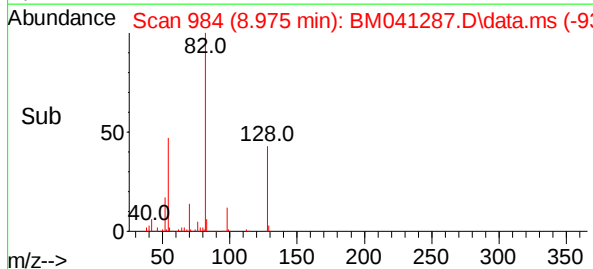
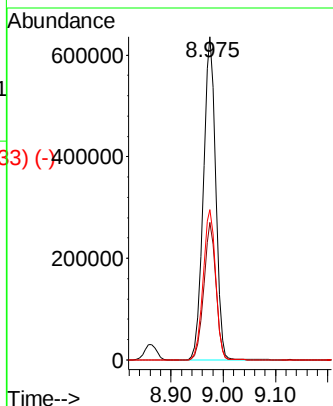
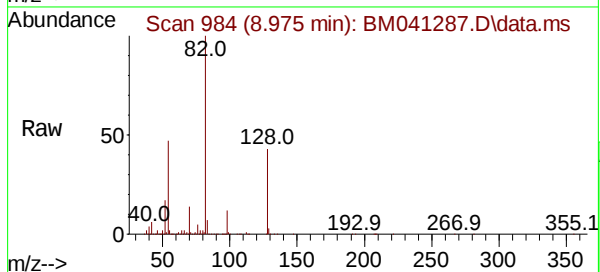




#23
Nitrobenzene-d5
Concen: 75.675 ng
RT: 8.975 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

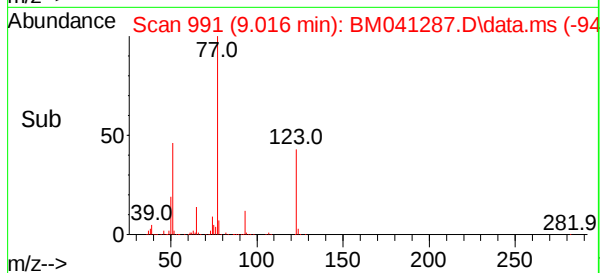
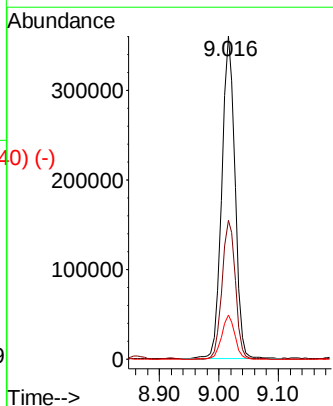
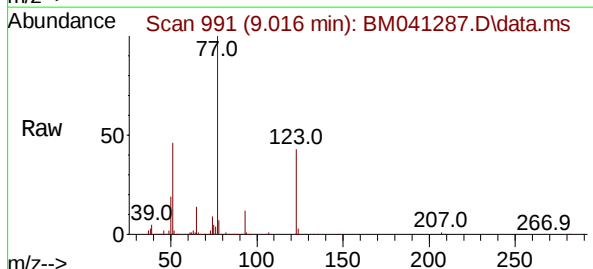
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:	82	Resp:	1043344
Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.8	47.6
54	46.6	40.1	60.1



#24
Nitrobenzene
Concen: 39.549 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	77	Resp:	551420
Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.2	51.2
65	13.7	10.7	16.1



Abundance Scan 1082 (9.551 min): BM041162.D\data.ms (-10725)

Isophorone

Concen: 45.414 ng

RT: 9.539 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion: 82 Resp: 1062873

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 16.4 12.8 19.2

Abundance Scan 1080 (9.539 min): BM041287.D\data.ms

Ref 50

39.0 82.0 138.0 192.8 280.9

m/z-->

Raw 50

39.0 82.0 138.1 192.9 266.9 355.0

m/z-->

Sub 50

39.0 82.0 138.1 207.9 266.9 354.9

m/z-->

Abundance

600000

400000

200000

0

9.40 9.50 9.60 9.70

Time-->

Abundance Scan 1080 (9.539 min): BM041287.D\data.ms (-1029)

Ref 50

39.0 82.0 138.1 207.9 266.9 354.9

m/z-->

Raw 50

39.0 82.0 138.1 207.9 266.9 354.9

m/z-->

Sub 50

39.0 82.0 138.1 207.9 266.9 354.9

m/z-->

Time-->

Abundance Scan 1113 (9.734 min): BM041162.D\data.ms (-11026)

2-Nitrophenol

Concen: 47.654 ng

RT: 9.722 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:139 Resp: 259736

Ion Ratio Lower Upper

139 100

109 32.6 25.4 38.2

65 53.2 47.2 70.8

Abundance Scan 1111 (9.722 min): BM041287.D\data.ms

Ref 50

65.0 139.0 207.0 266.9 355.0

m/z-->

Raw 50

65.0 139.0 207.0 266.9 355.0

m/z-->

Sub 50

65.0 139.0 190.9

m/z-->

Abundance

150000

100000

50000

0

9.60 9.70 9.80 9.90

Time-->

Abundance Scan 1111 (9.722 min): BM041287.D\data.ms (-1060)

Ref 50

65.0 139.0 190.9

m/z-->

Raw 50

65.0 139.0 190.9

m/z-->

Sub 50

65.0 139.0 190.9

m/z-->

Time-->

Abundance Scan 1124 (9.798 min): BM041162.D\data.ms (-1127) (-)

2,4-Dimethylphenol

Concen: 42.525 ng

RT: 9.792 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041287.D

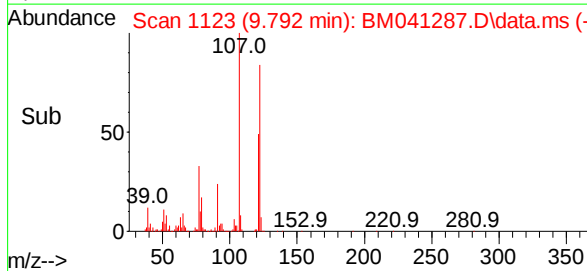
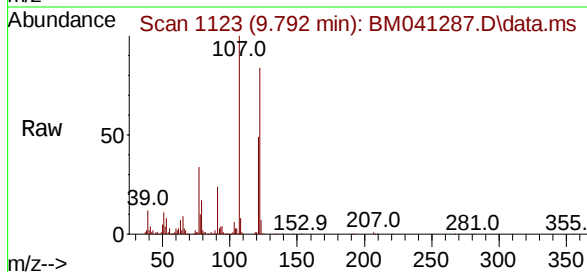
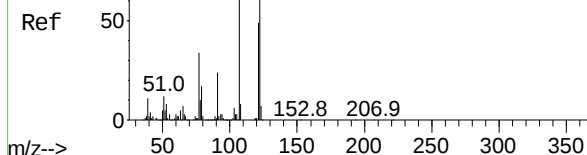
Acq: 04 Aug 2023 10:38

Instrument :

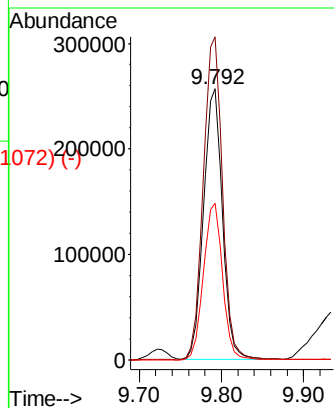
BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:	122	Resp:	407859
Ion	Ratio	Lower	Upper
122	100		
107	119.2	94.3	141.5
121	57.9	45.8	68.8



Abundance Scan 1165 (10.039 min): BM041162.D\data.ms (-1126) (-)

bis(2-Chloroethoxy)methane

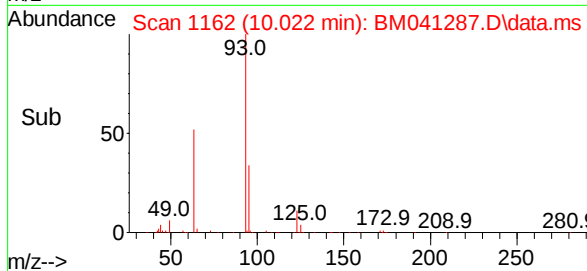
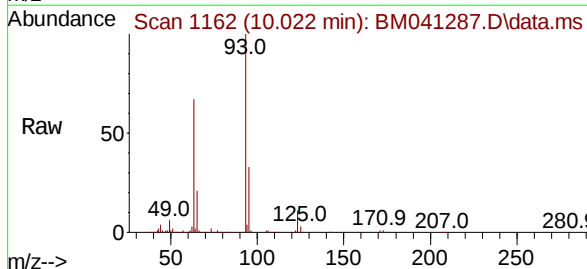
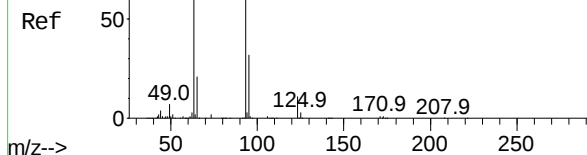
Concen: 42.161 ng

RT: 10.022 min Scan# 1162

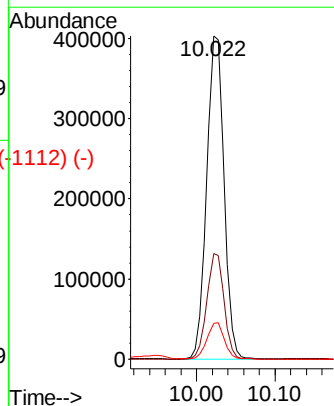
Delta R.T. -0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38



Tgt Ion:	93	Resp:	618090
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.1	9.1	13.7



Abundance Scan 1204 (10.269 min): BM041162.D\data.ms (-1239) (-)

2,4-Dichlorophenol

Concen: 49.444 ng

RT: 10.257 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPM5

Tgt Ion:162 Resp: 478231

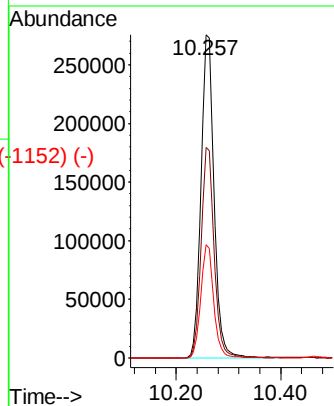
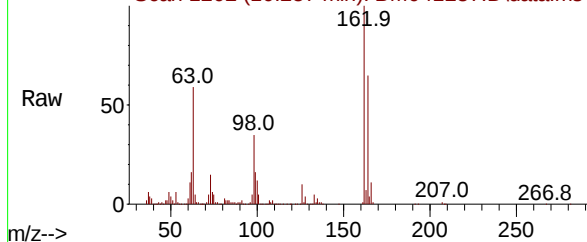
Ion Ratio Lower Upper

162 100

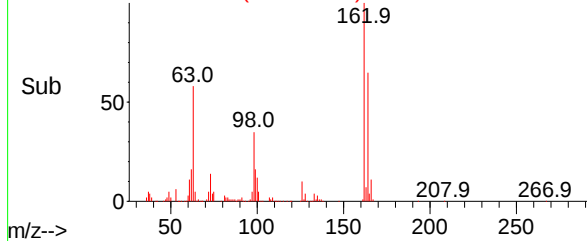
164 65.1 44.3 84.3

98 35.0 15.1 55.1

Abundance Scan 1202 (10.257 min): BM041287.D\data.ms



Abundance Scan 1202 (10.257 min): BM041287.D\data.ms (-1152) (-)



Abundance Scan 1239 (10.475 min): BM041162.D\data.ms (-1230) (-)

1,2,4-Trichlorobenzene

Concen: 45.009 ng

RT: 10.463 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:180 Resp: 480972

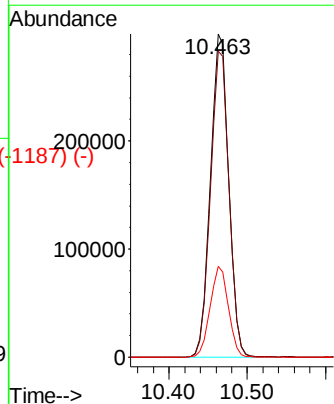
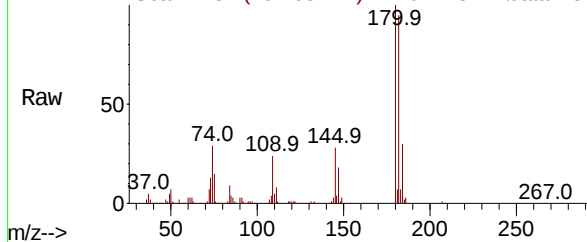
Ion Ratio Lower Upper

180 100

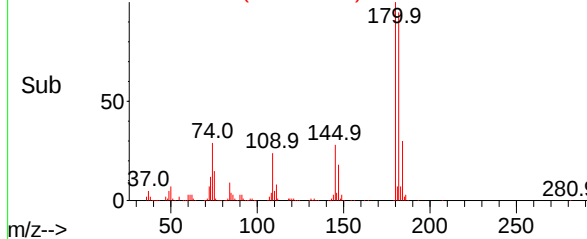
182 94.6 75.9 113.9

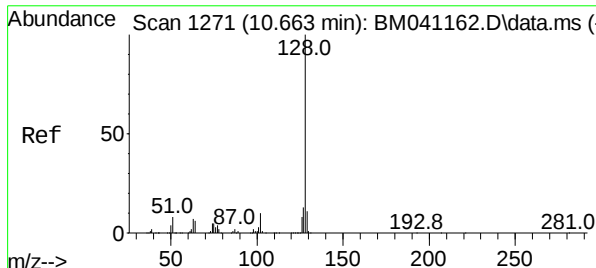
145 28.2 23.6 35.4

Abundance Scan 1237 (10.463 min): BM041287.D\data.ms



Abundance Scan 1237 (10.463 min): BM041287.D\data.ms (-1187) (-)

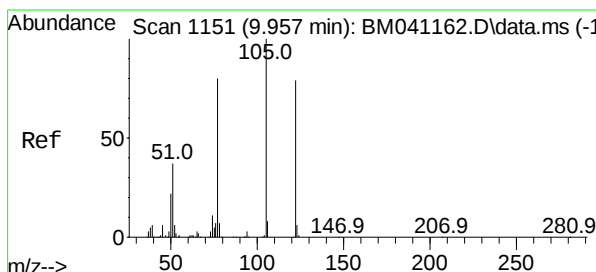
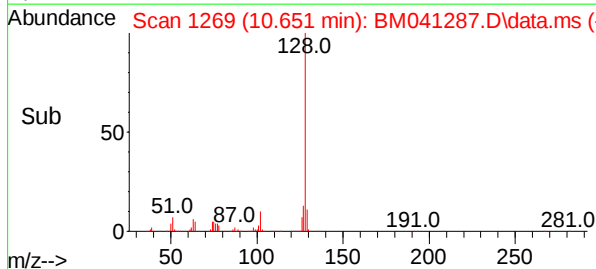
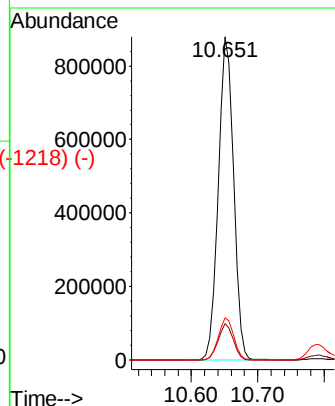
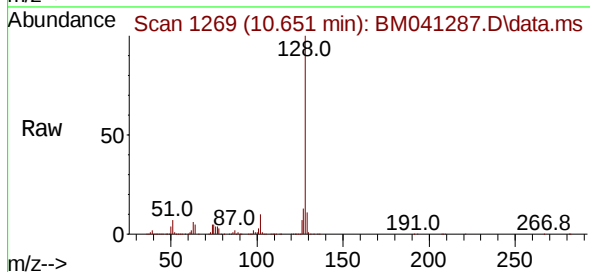




Naphthalene
Concen: 39.870 ng
RT: 10.651 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

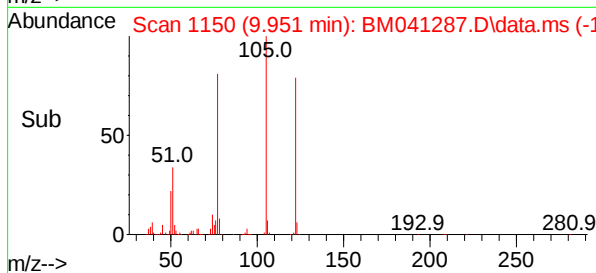
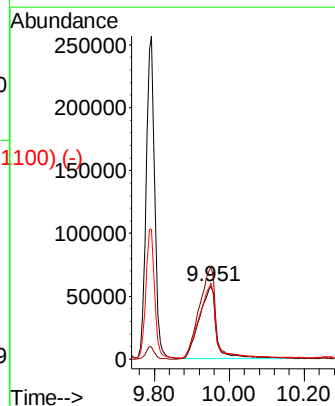
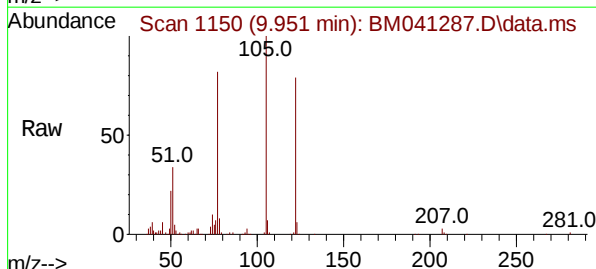
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:	128	Resp:	1387205
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.5	15.7

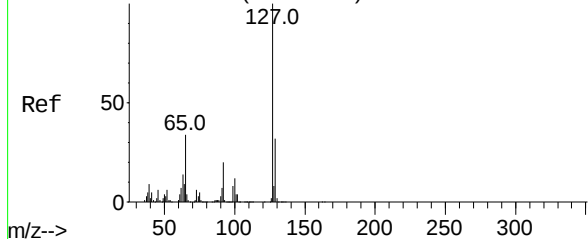


Benzoic acid
Concen: 28.614 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	122	Resp:	181654
Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.0	144.0
77	103.8	79.9	119.9



Abundance Scan 1293 (10.792 min): BM041162.D\data.ms (-1233) (-)



4-Chloroaniline

Concen: 7.265 ng

RT: 10.786 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion:127 Resp: 101022

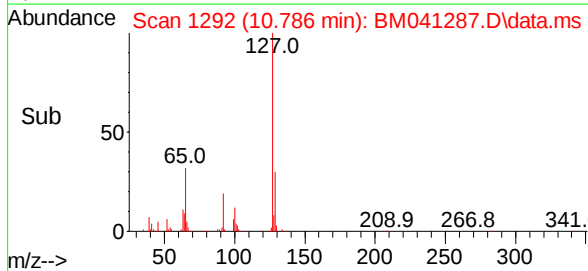
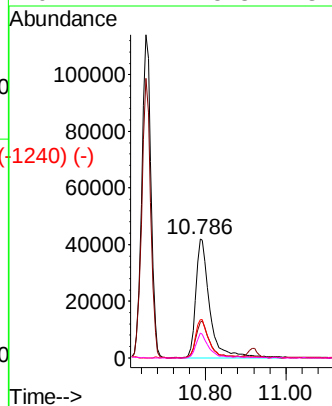
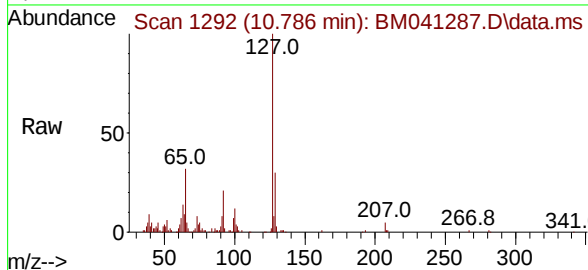
Ion Ratio Lower Upper

127 100

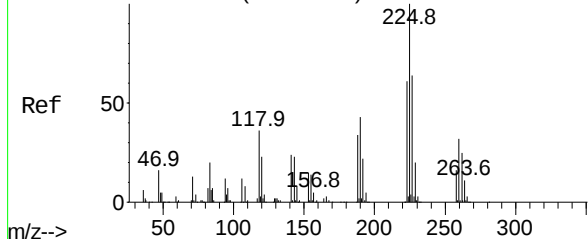
129 30.1 25.9 38.9

65 32.3 26.9 40.3

92 21.1 15.8 23.6



Abundance Scan 1318 (10.939 min): BM041162.D\data.ms (-1309) (-)



Hexachlorobutadiene

Concen: 46.069 ng

RT: 10.916 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

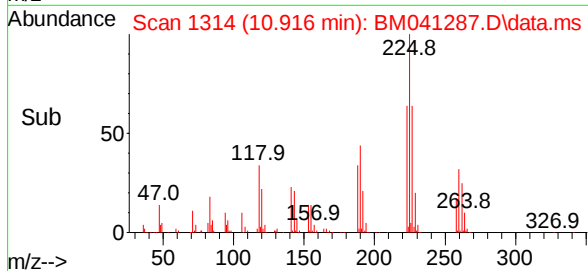
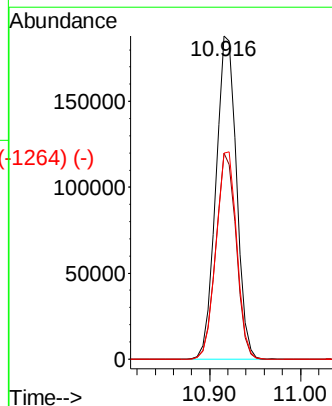
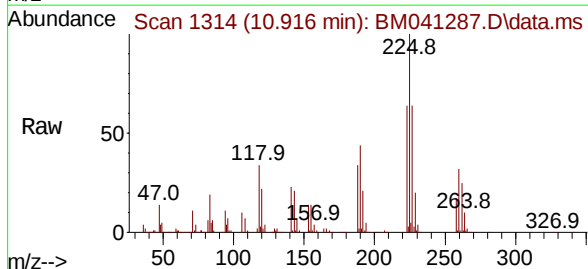
Tgt Ion:225 Resp: 296084

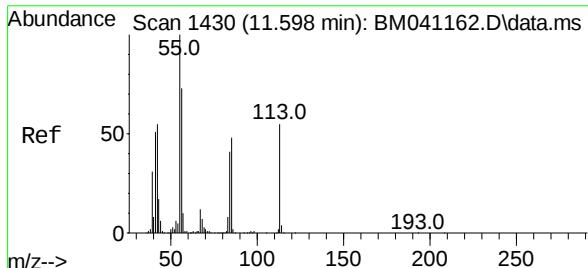
Ion Ratio Lower Upper

225 100

223 63.8 49.0 73.4

227 63.7 50.8 76.2

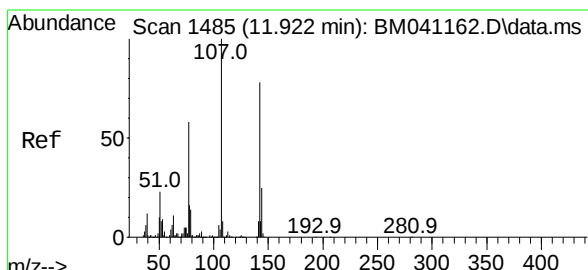
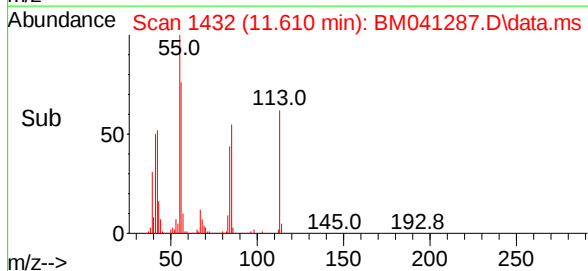
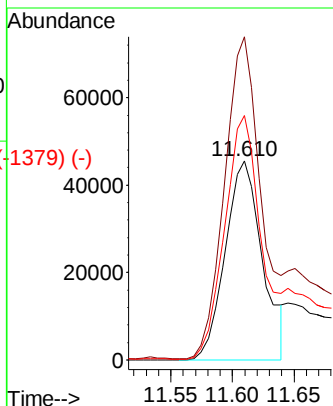
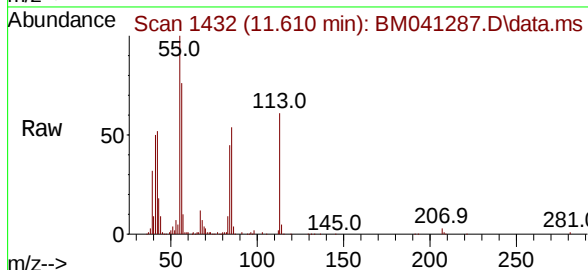




Scan 1430 (11.598 min): BM041162.D\data.ms (-1430) (-)
 Caprolactam
 Concen: 34.089 ng
 RT: 11.610 min Scan# 1432
 Delta R.T. 0.012 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

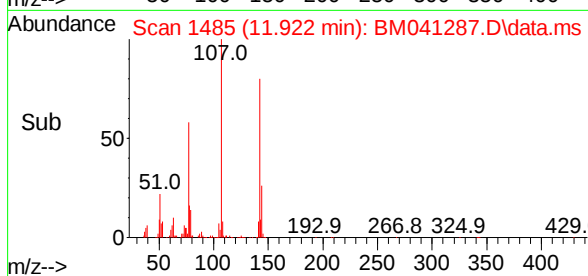
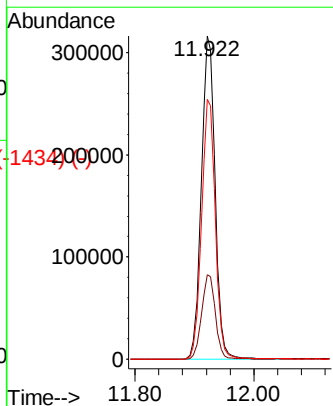
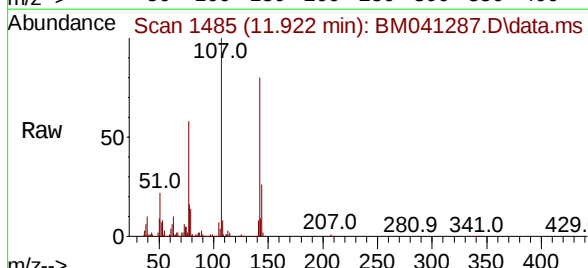
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPS

Tgt Ion:	113	Resp:	95380
Ion	Ratio	Lower	Upper
113	100		
55	162.6	162.5	202.5
56	123.0	114.1	154.1

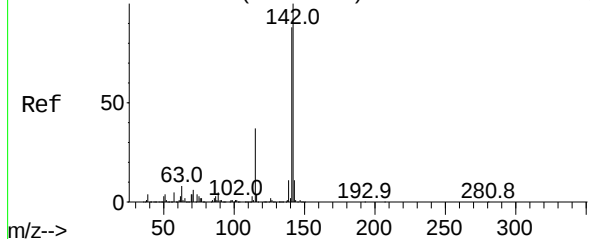


Scan 1485 (11.922 min): BM041162.D\data.ms (-1430) (-)
 4-Chloro-3-methylphenol
 Concen: 50.296 ng
 RT: 11.922 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	107	Resp:	512021
Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.1	30.1
142	80.4	62.2	93.4



Abundance Scan 1546 (12.280 min): BM041162.D\data.ms (-1537) (-)

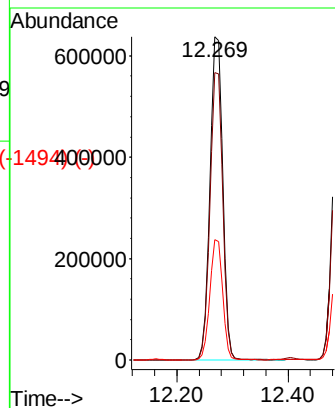
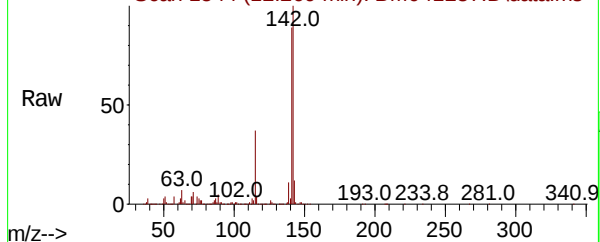


2-Methylnaphthalene
Concen: 42.481 ng
RT: 12.269 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

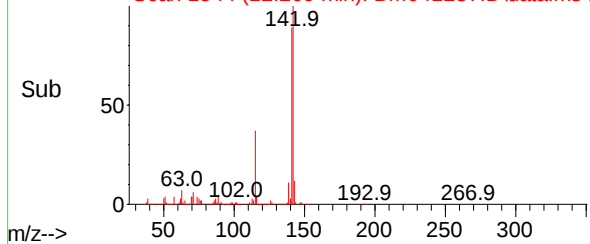
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:142 Resp: 996464
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1
115 37.2 29.3 43.9

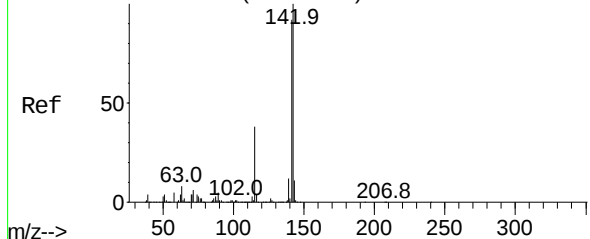
Abundance Scan 1544 (12.269 min): BM041287.D\data.ms



Abundance Scan 1544 (12.269 min): BM041287.D\data.ms (-1494) (-)



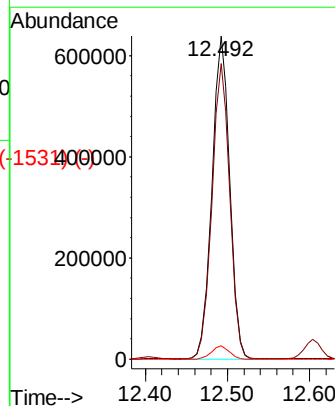
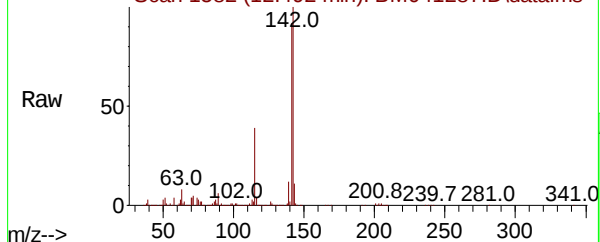
Abundance Scan 1584 (12.504 min): BM041162.D\data.ms (-1536) (-)



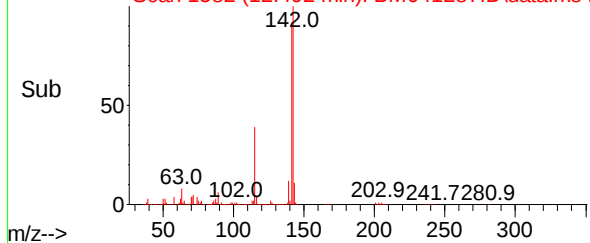
1-Methylnaphthalene
Concen: 43.527 ng
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:142 Resp: 955604
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.1 3.2 4.8

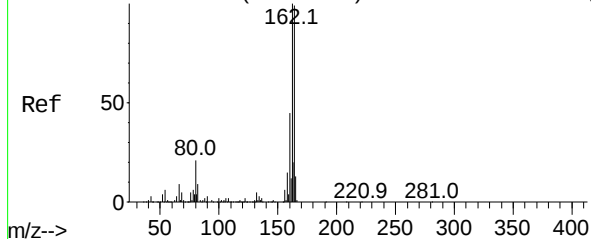
Abundance Scan 1582 (12.492 min): BM041287.D\data.ms



Abundance Scan 1582 (12.492 min): BM041287.D\data.ms (-1534) (-)



Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1866) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan#

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNM

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion:164 Resp: 414947

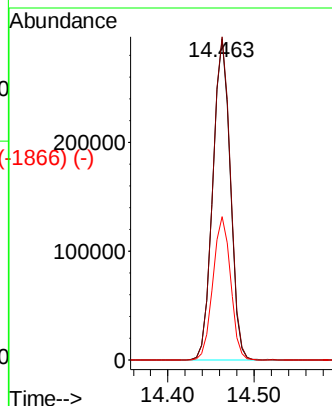
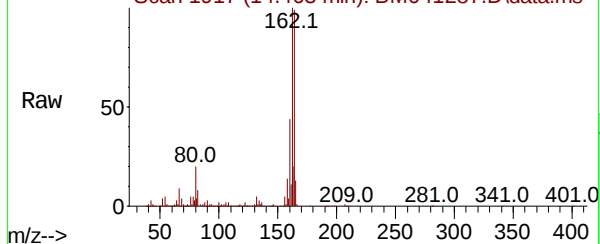
Ion Ratio Lower Upper

164 100

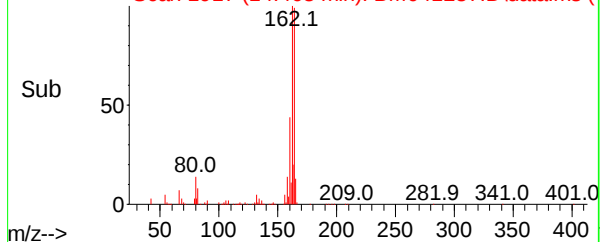
162 100.6 80.4 120.6

160 44.5 36.2 54.2

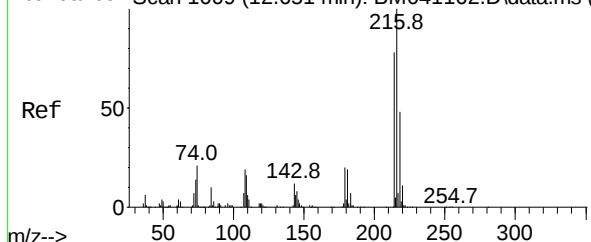
Abundance Scan 1917 (14.463 min): BM041287.D\data.ms



Abundance Scan 1917 (14.463 min): BM041287.D\data.ms (-1866) (-)



Abundance Scan 1609 (12.651 min): BM041162.D\data.ms (-1557) (-)



1,2,4,5-Tetrachlorobenzene

Concen: 42.326 ng

RT: 12.645 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:216 Resp: 570298

Ion Ratio Lower Upper

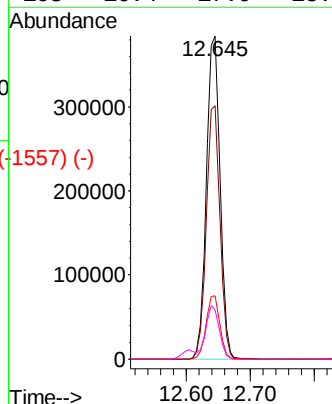
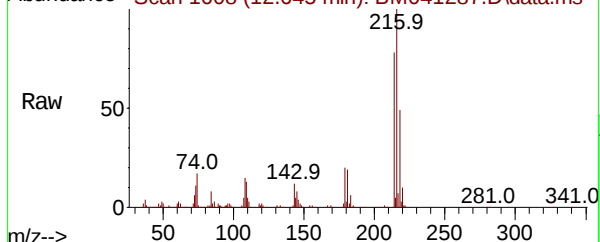
216 100

214 78.3 63.2 94.8

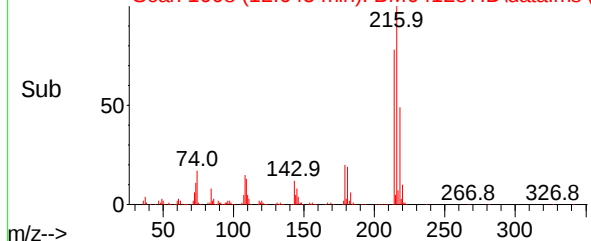
179 19.7 16.2 24.2

108 16.4 17.0 25.4#

Abundance Scan 1608 (12.645 min): BM041287.D\data.ms



Abundance Scan 1608 (12.645 min): BM041287.D\data.ms (-1557) (-)



Abundance Scan 1604 (12.622 min): BM041162.D\data.ms (-1550) (-)

Hexachlorocyclopentadiene

Concen: 69.658 ng

RT: 12.604 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPM5

Tgt Ion:237 Resp: 496544

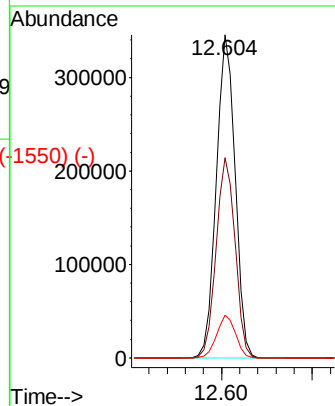
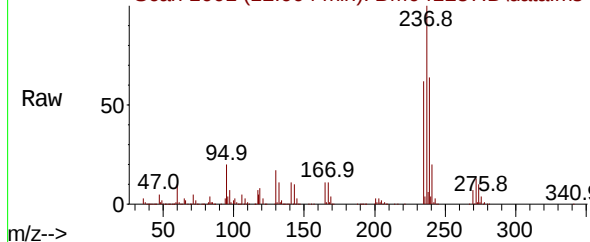
Ion Ratio Lower Upper

237 100

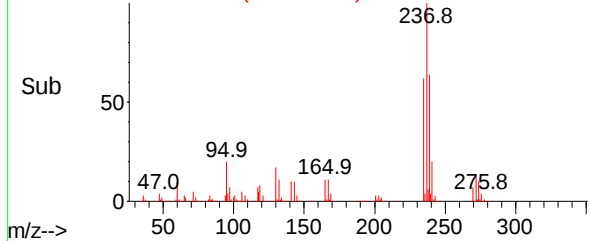
235 62.0 43.6 83.6

272 13.3 0.0 33.3

Abundance Scan 1601 (12.604 min): BM041287.D\data.ms



Abundance Scan 1601 (12.604 min): BM041287.D\data.ms (-1550) (-)



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2124) (-)

2,4,6-Tribromophenol

Concen: 143.159 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:330 Resp: 840227

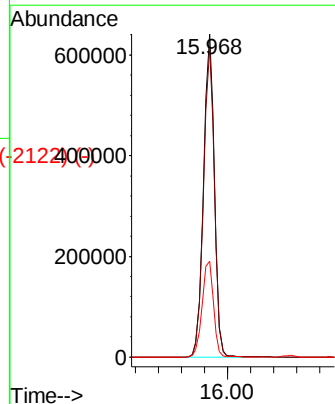
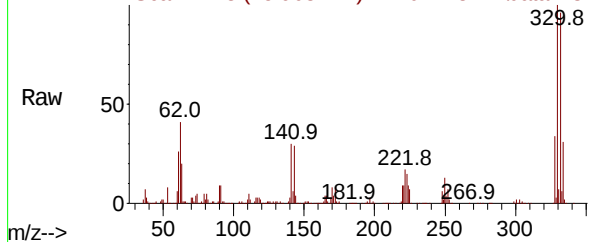
Ion Ratio Lower Upper

330 100

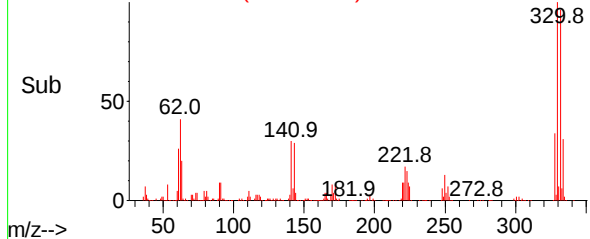
332 96.0 77.7 116.5

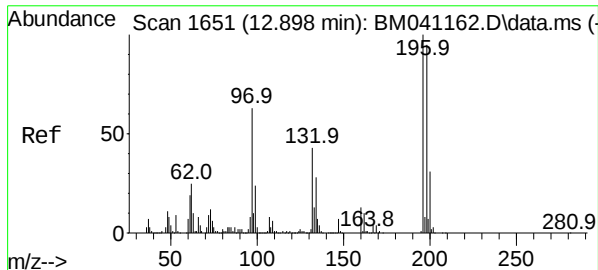
141 31.2 28.3 42.5

Abundance Scan 2173 (15.968 min): BM041287.D\data.ms



Abundance Scan 2173 (15.968 min): BM041287.D\data.ms (-2124) (-)

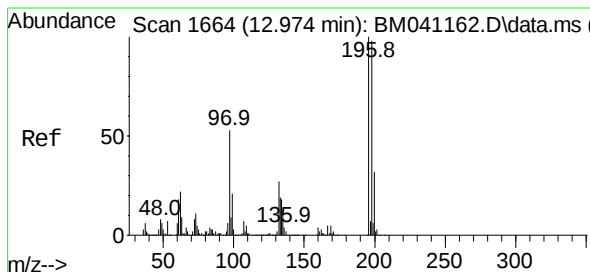
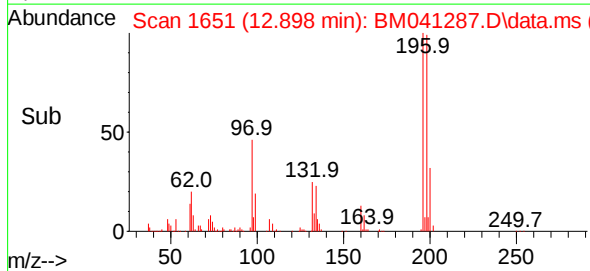
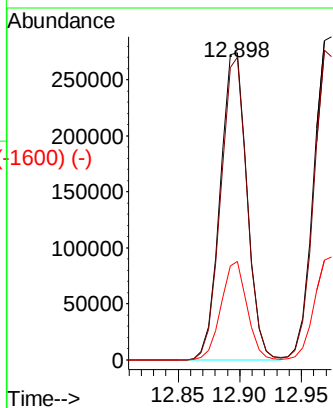
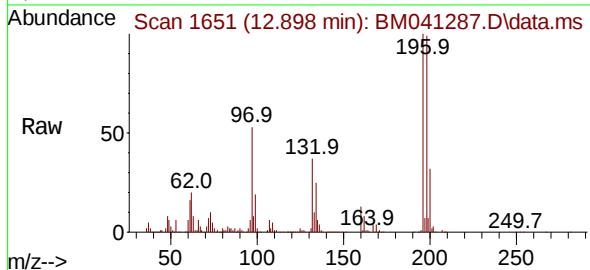




2,4,6-Trichlorophenol
Concen: 48.222 ng
RT: 12.898 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

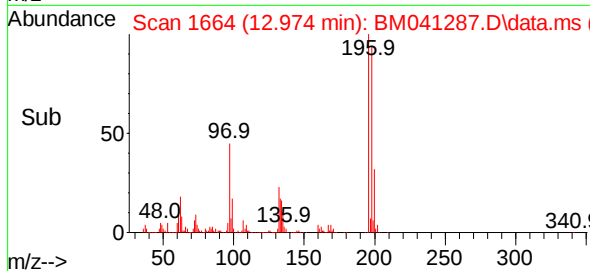
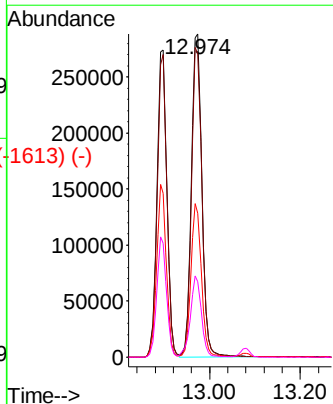
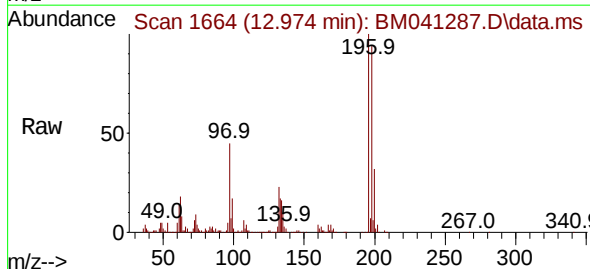
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPS

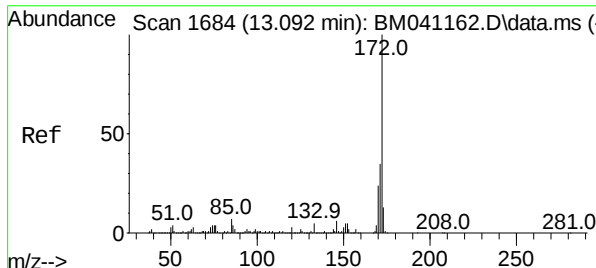
Tgt Ion:	196	Resp:	416443
Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.4
200	32.0	24.6	36.8



2,4,5-Trichlorophenol
Concen: 46.422 ng
RT: 12.974 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	196	Resp:	464007
Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.2	117.4
97	44.6	42.7	64.1
132	23.4	21.6	32.4



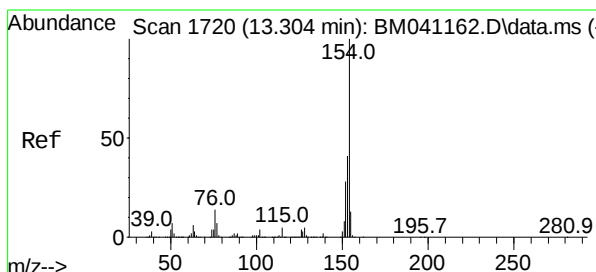
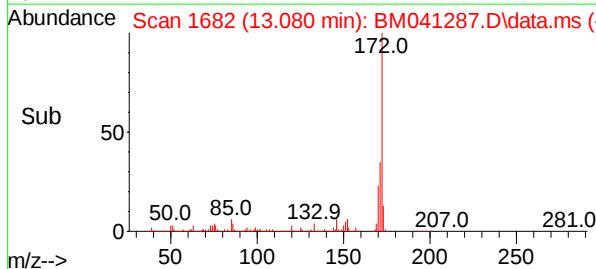
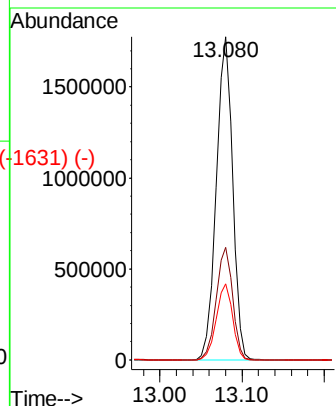
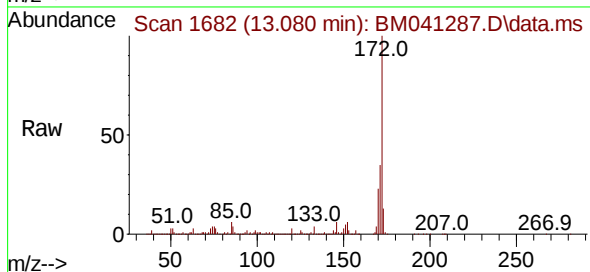


Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 74.898 ng
 RT: 13.080 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Tgt Ion:172 Resp: 2460216

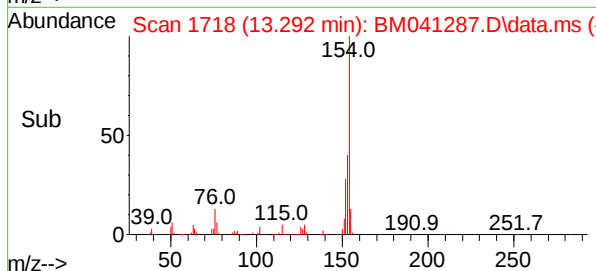
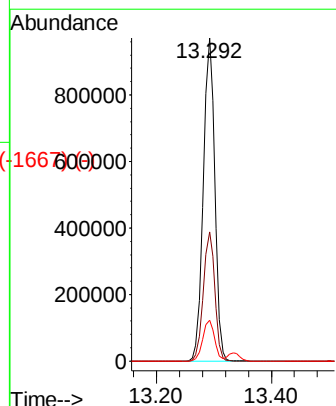
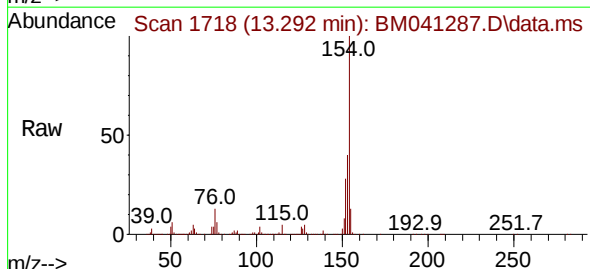
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.5	18.9	28.3

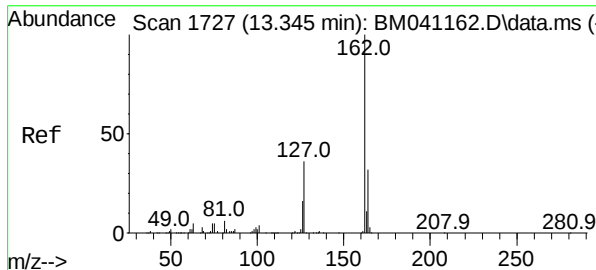


Scan 1720 (13.304 min): BM041162.D\data.ms (-1740) (-)
 1,1'-Biphenyl
 Concen: 40.150 ng
 RT: 13.292 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:154 Resp: 1350605

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	12.6	0.0	34.1

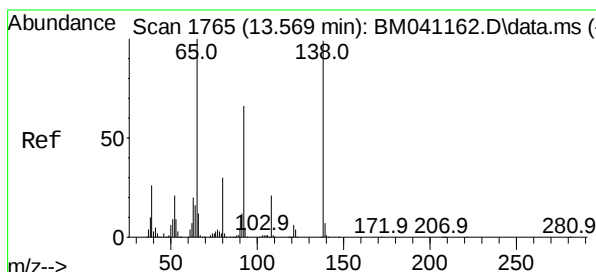
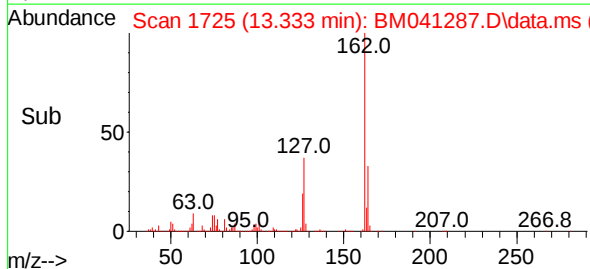
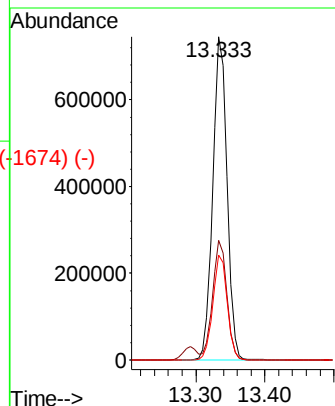
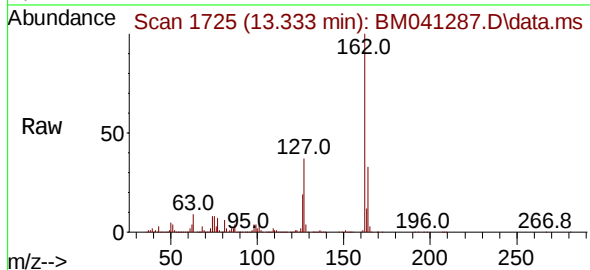




2-Chloronaphthalene
Concen: 42.569 ng
RT: 13.333 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

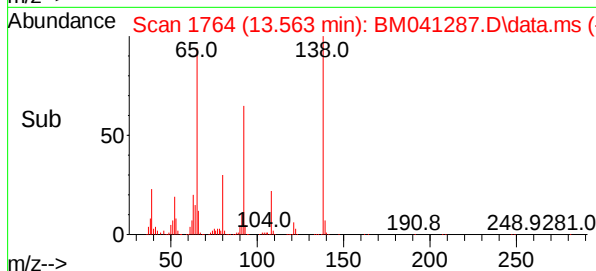
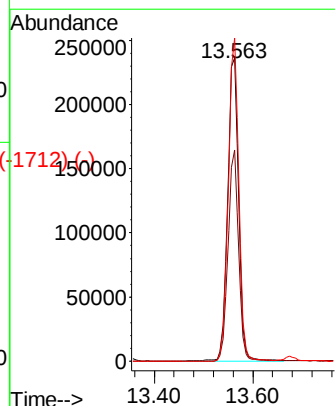
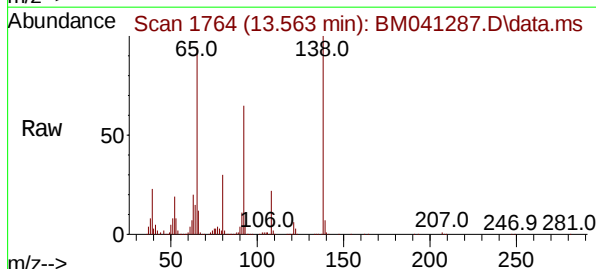
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:162 Resp: 1069229
Ion Ratio Lower Upper
162 100
127 37.0 30.6 45.8
164 32.5 25.6 38.4

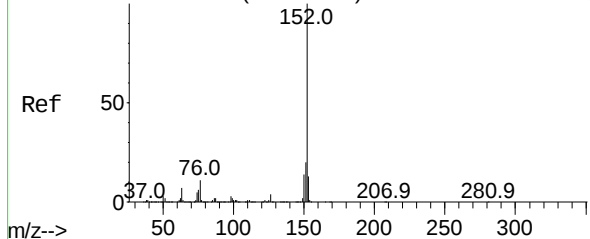


2-Nitroaniline
Concen: 45.780 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion: 65 Resp: 367039
Ion Ratio Lower Upper
65 100
92 69.7 53.0 79.4
138 106.6 79.1 118.7



Abundance Scan 1871 (14.192 min): BM041162.D\data.ms (-1849) (-)



Acenaphthylene

Concen: 43.151 ng

RT: 14.186 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

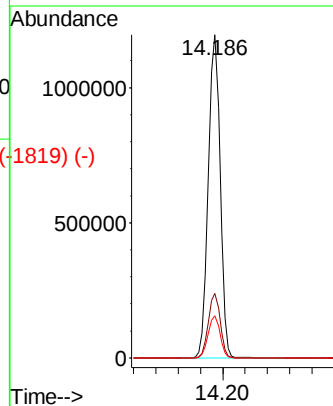
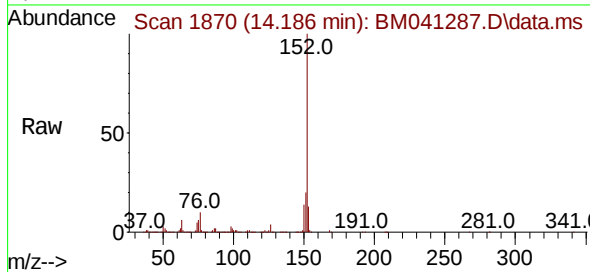
Tgt Ion:152 Resp: 1749408

Ion Ratio Lower Upper

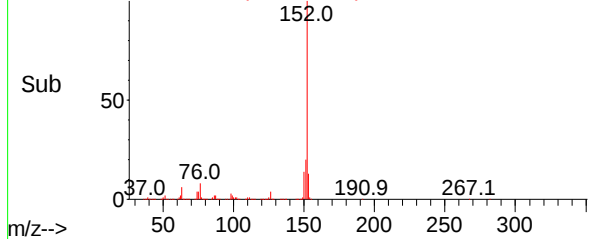
152 100

151 20.0 16.1 24.1

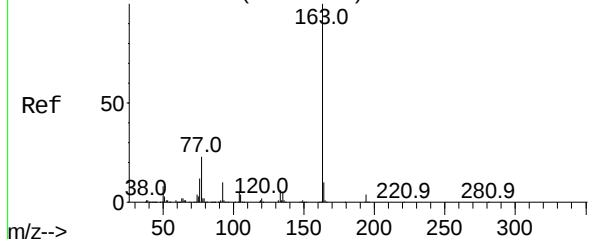
153 13.0 10.5 15.7



Abundance Scan 1870 (14.186 min): BM041287.D\data.ms (-1819) (-)



Abundance Scan 1828 (13.939 min): BM041162.D\data.ms (-1850) (-)



Dimethylphthalate

Concen: 47.060 ng

RT: 13.933 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

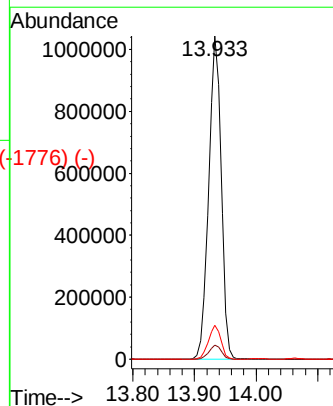
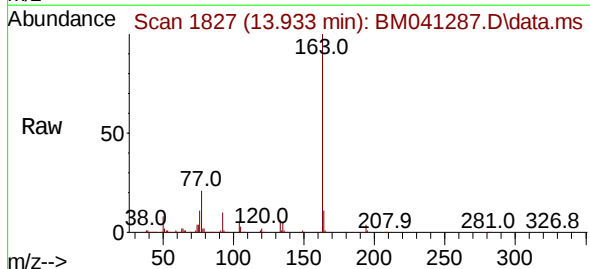
Tgt Ion:163 Resp: 1468875

Ion Ratio Lower Upper

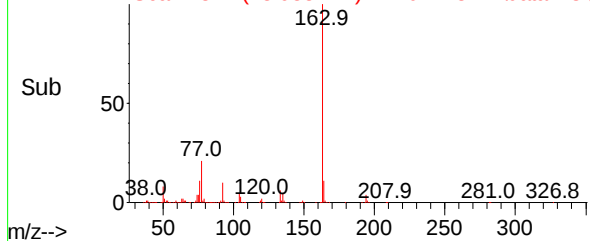
163 100

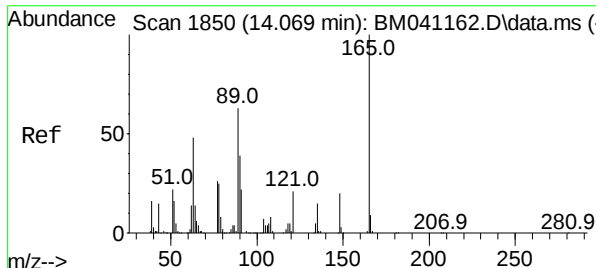
194 4.3 3.3 4.9

164 10.5 8.3 12.5



Abundance Scan 1827 (13.933 min): BM041287.D\data.ms (-1776) (-)

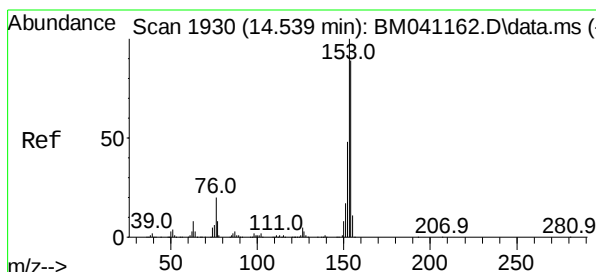
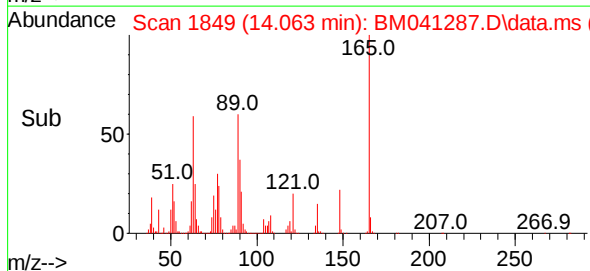
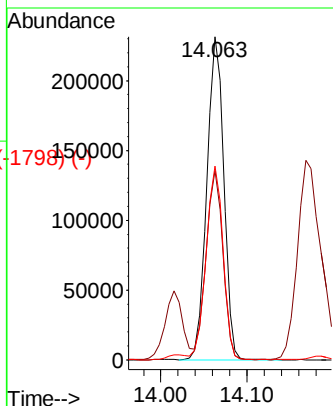
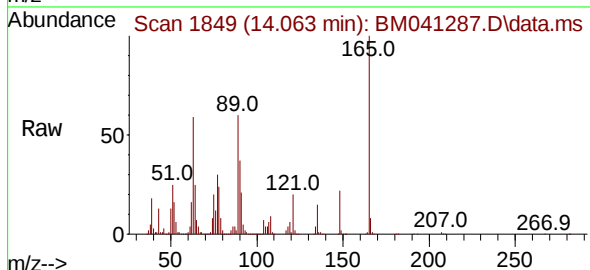




Scan 1850 (14.069 min): BM041162.D\data.ms (-1851) (-)
 2,6-Dinitrotoluene
 Concen: 48.563 ng
 RT: 14.063 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

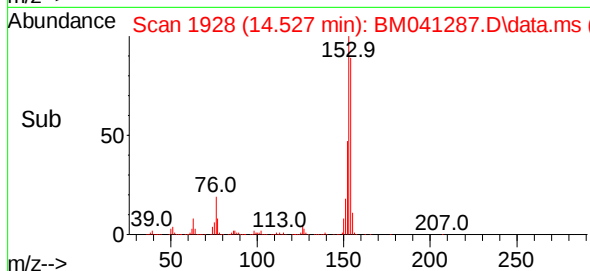
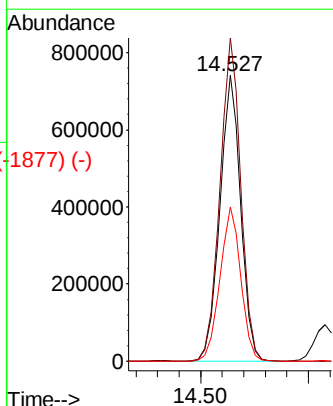
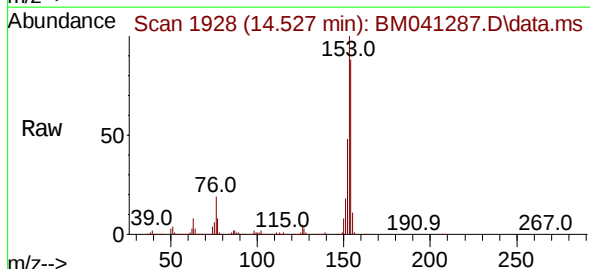
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPM5

Tgt Ion:	165	Resp:	314074
Ion	Ratio	Lower	Upper
165	100		
63	58.7	50.9	76.3
89	60.0	50.6	76.0



Scan 1930 (14.539 min): BM041162.D\data.ms (-1932) (-)
 Acenaphthene
 Concen: 41.051 ng
 RT: 14.527 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	154	Resp:	1002606
Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.4
152	53.8	43.4	65.0



Abundance Scan 1906 (14.398 min): BM041162.D\data.ms (-1854) (-)

3-Nitroaniline

Concen: 30.250 ng

RT: 14.392 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion:138 Resp: 218848

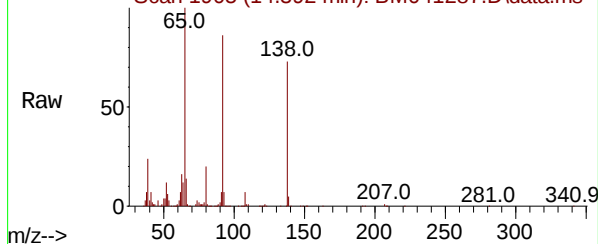
Ion Ratio Lower Upper

138 100

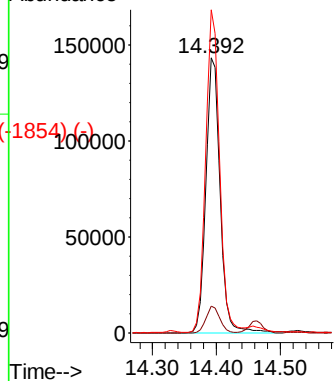
108 9.7 7.6 11.4

92 117.4 98.9 148.3

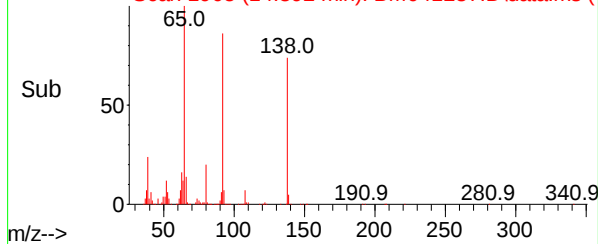
Abundance Scan 1905 (14.392 min): BM041287.D\data.ms



Abundance



Abundance Scan 1905 (14.392 min): BM041287.D\data.ms (-1854) (-)



Abundance Scan 1942 (14.610 min): BM041162.D\data.ms (-1854) (-)

2,4-Dinitrophenol

Concen: 51.680 ng

RT: 14.615 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:184 Resp: 215978

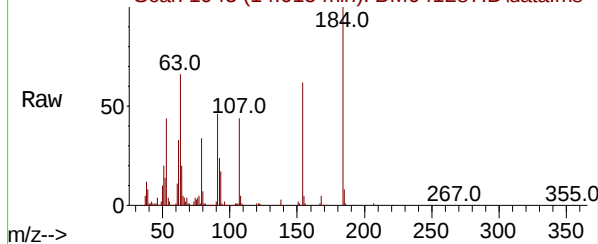
Ion Ratio Lower Upper

184 100

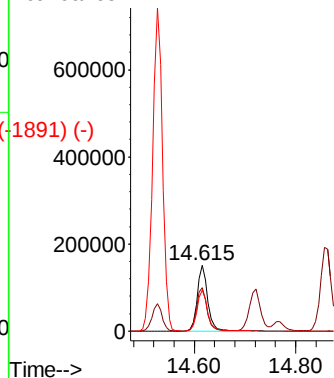
63 65.6 66.5 99.7#

154 62.1 52.8 79.2

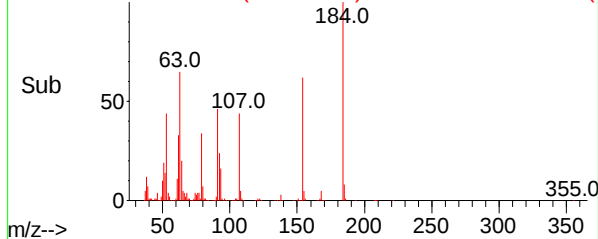
Abundance Scan 1943 (14.615 min): BM041287.D\data.ms

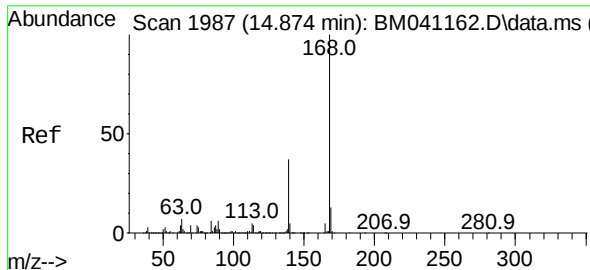


Abundance



Abundance Scan 1943 (14.615 min): BM041287.D\data.ms (-1891) (-)

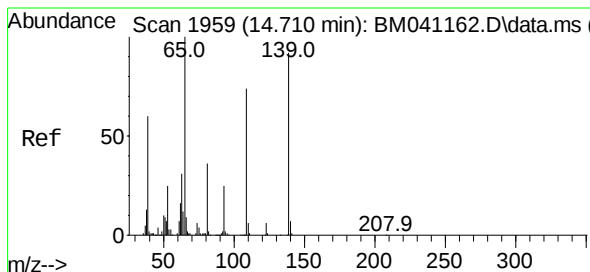
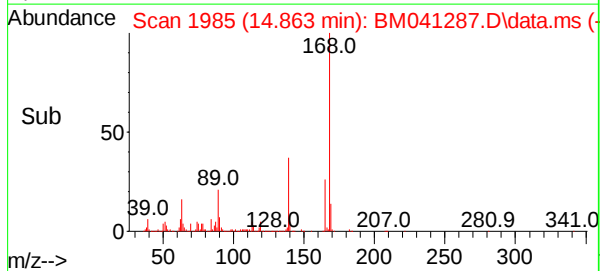
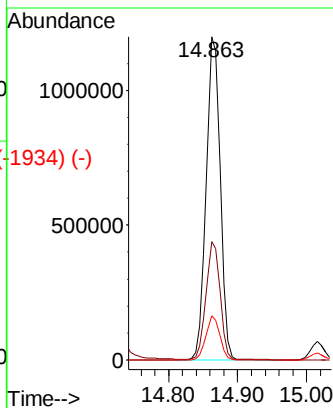
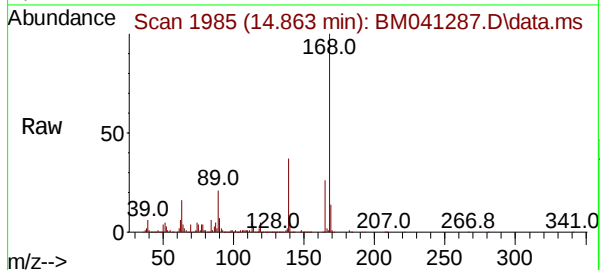




Dibenzenofuran
 Concen: 42.612 ng
 RT: 14.863 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

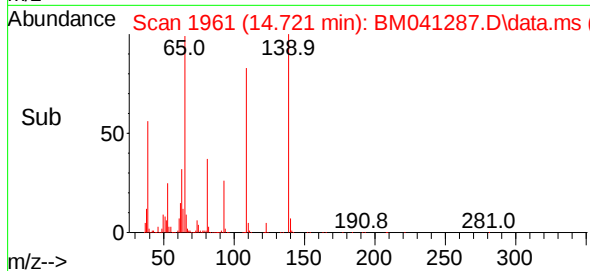
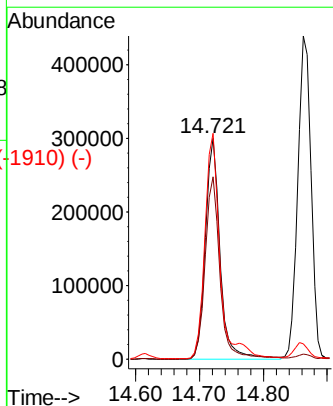
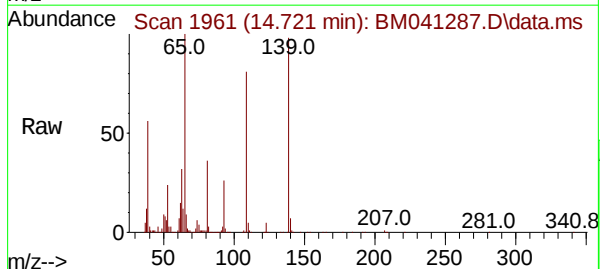
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

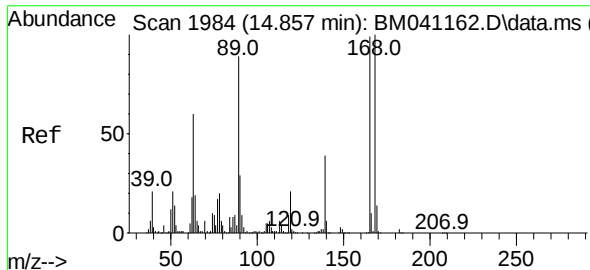
Tgt Ion:	168	Resp:	1698014
Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.8	44.6
169	13.6	10.5	15.7



4-Nitrophenol
 Concen: 88.713 ng
 RT: 14.721 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	139	Resp:	478163
Ion	Ratio	Lower	Upper
139	100		
109	82.7	61.2	101.2
65	102.2	89.5	129.5

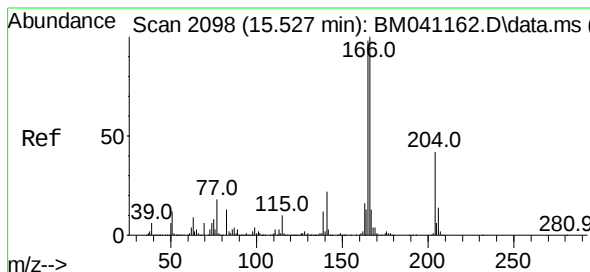
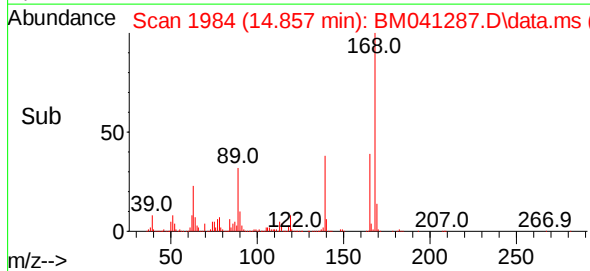
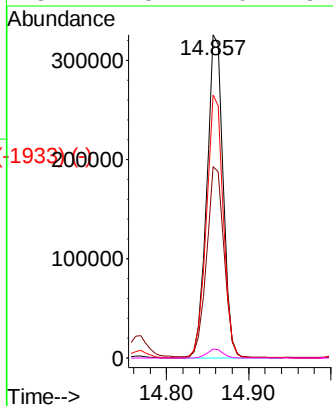
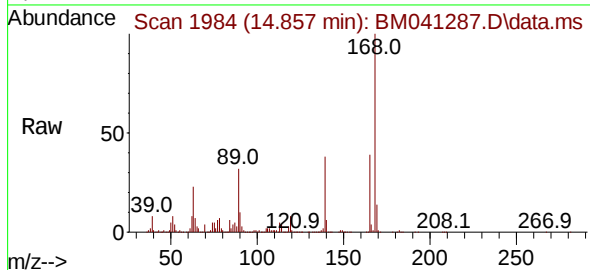




Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 48.592 ng
 RT: 14.857 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

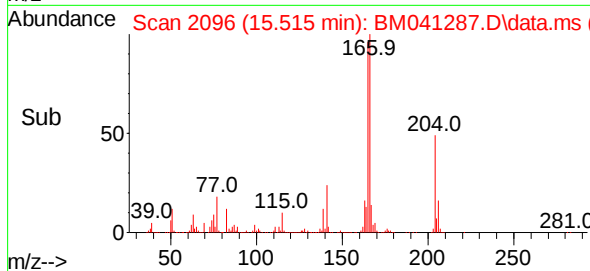
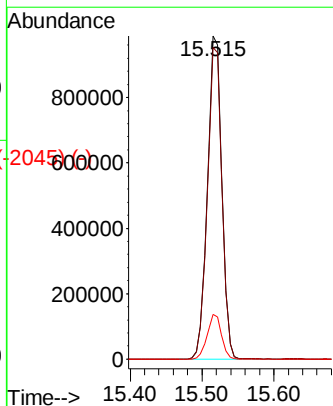
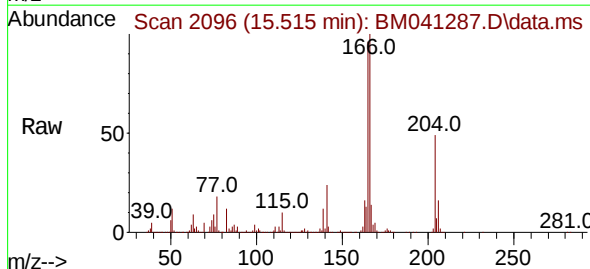
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

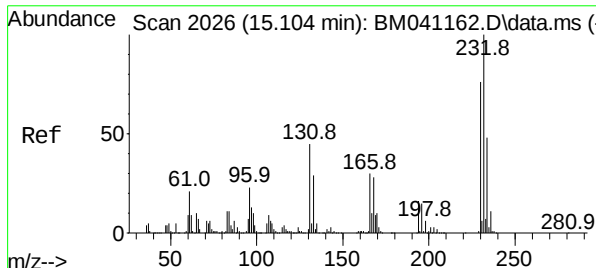
Tgt Ion:	165	Resp:	449102
Ion	Ratio	Lower	Upper
165	100		
63	59.2	48.3	72.5
89	81.3	71.8	107.8
182	2.8	2.0	3.0



Scan 2098 (15.527 min): BM041162.D\data.ms (-2056) (-)
 Fluorene
 Concen: 43.935 ng
 RT: 15.515 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	166	Resp:	1381116
Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.4
167	13.9	10.6	16.0

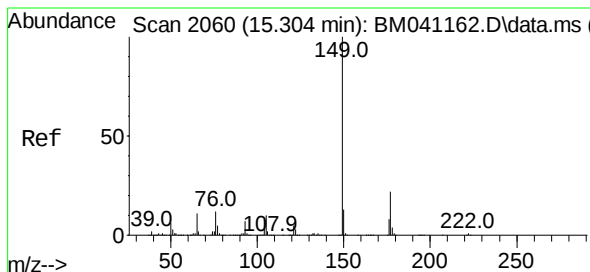
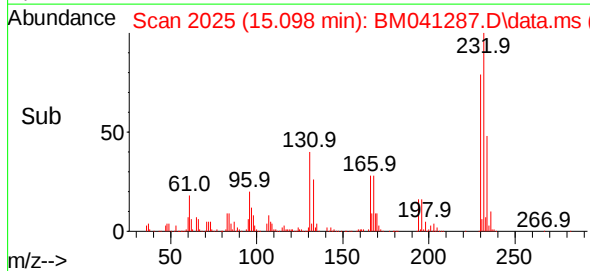
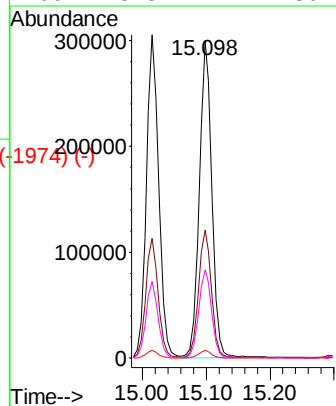
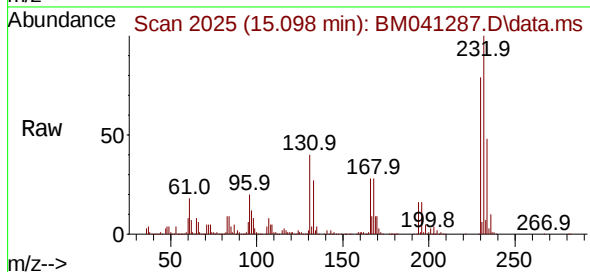




2,3,4,6-Tetrachlorophenol
 Concen: 50.976 ng
 RT: 15.098 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

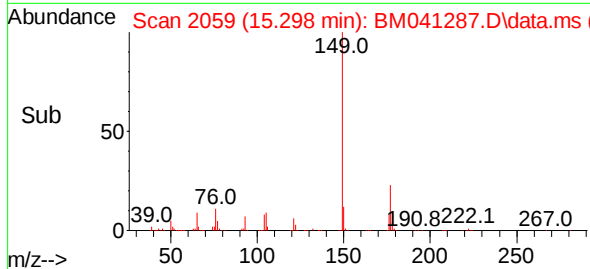
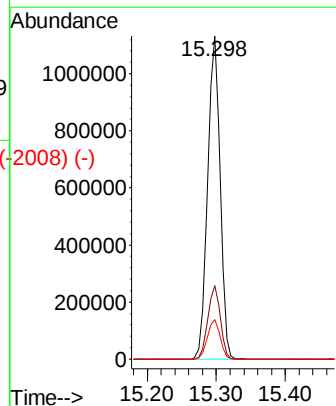
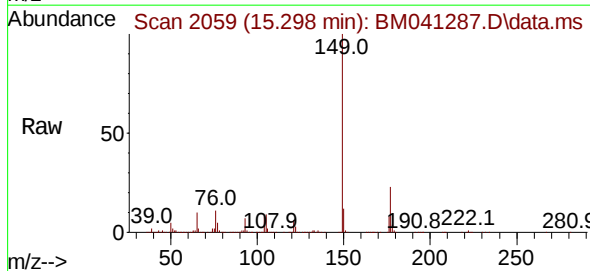
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Tgt Ion:	232	Resp:	412599
Ion	Ratio	Lower	Upper
232	100		
131	41.7	36.9	55.3
130	2.3	2.0	3.0
166	28.8	24.2	36.2

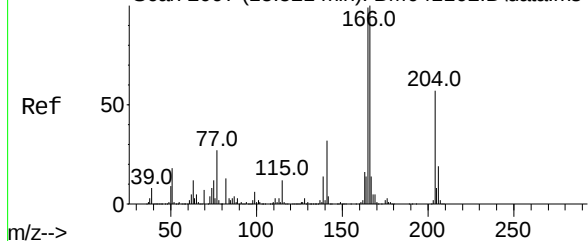


Diethylphthalate
 Concen: 47.201 ng
 RT: 15.298 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	149	Resp:	1424727
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.5	26.3
150	12.2	10.1	15.1



Abundance Scan 2097 (15.521 min): BM041162.D\data.ms (-2060) (-)

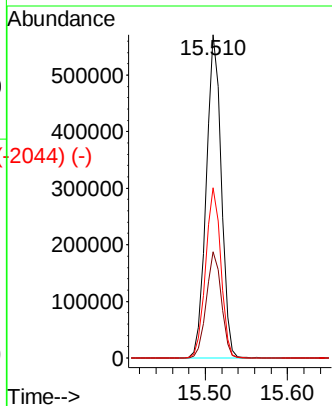
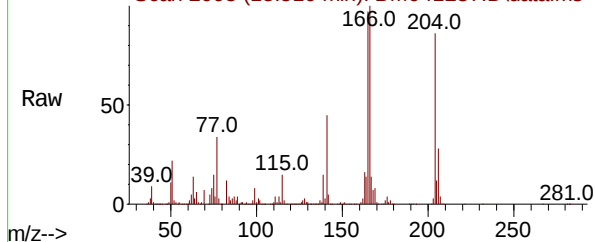


4-Chlorophenyl-phenylether
Concen: 46.032 ng
RT: 15.510 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

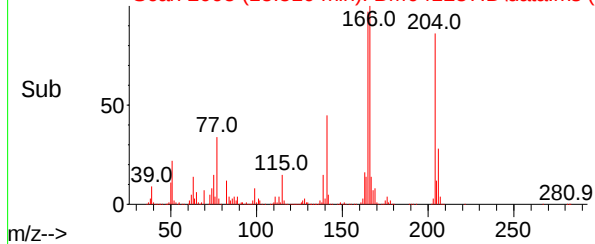
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPM5

Tgt Ion:	204	Resp:	725117
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	52.7	44.8	67.2

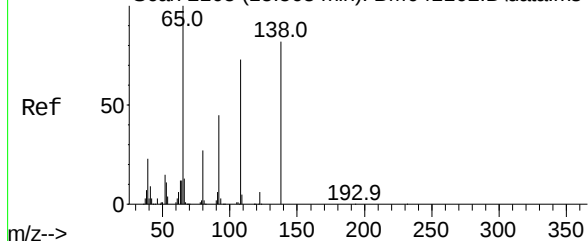
Abundance Scan 2095 (15.510 min): BM041287.D\data.ms



Abundance Scan 2095 (15.510 min): BM041287.D\data.ms (-2044) (-)



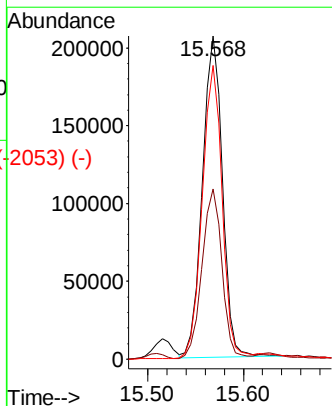
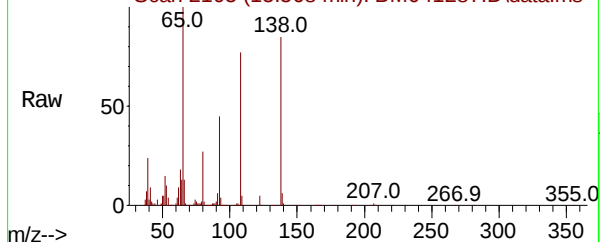
Abundance Scan 2105 (15.568 min): BM041162.D\data.ms (-2160) (-)



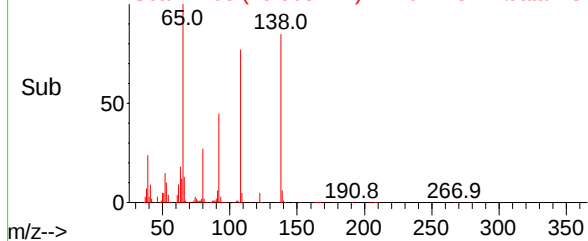
4-Nitroaniline
Concen: 43.450 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	138	Resp:	296745
Ion	Ratio	Lower	Upper
138	100		
92	52.7	35.1	75.1
108	90.8	67.8	107.8

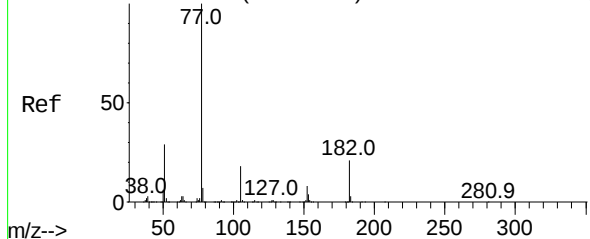
Abundance Scan 2105 (15.568 min): BM041287.D\data.ms



Abundance Scan 2105 (15.568 min): BM041287.D\data.ms (-2053) (-)



Abundance Scan 2147 (15.815 min): BM041162.D\data.ms (-2146) (-)



Azobenzene

Concen: 41.937 ng

RT: 15.810 min Scan# 2146

Delta R.T. 0.006 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion: 77 Resp: 1386592

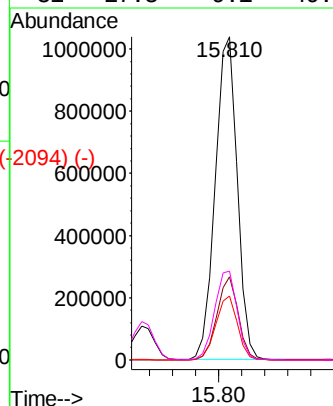
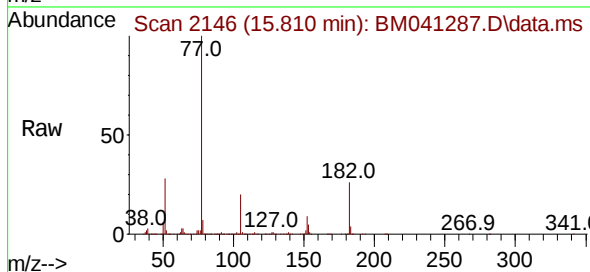
Ion Ratio Lower Upper

77 100

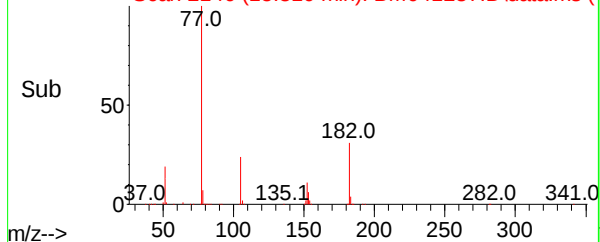
182 25.7 1.3 41.3

105 19.8 0.0 38.5

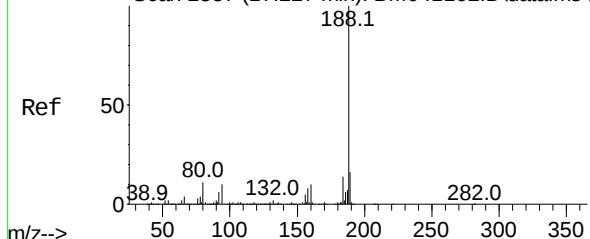
51 27.5 9.1 49.1



Abundance Scan 2146 (15.810 min): BM041287.D\data.ms (-2094) (-)



Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2386) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

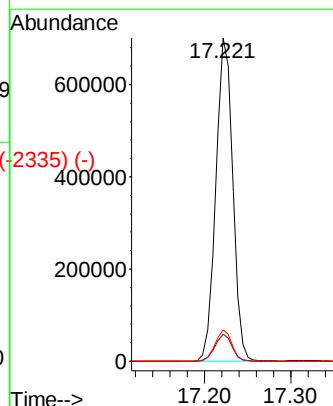
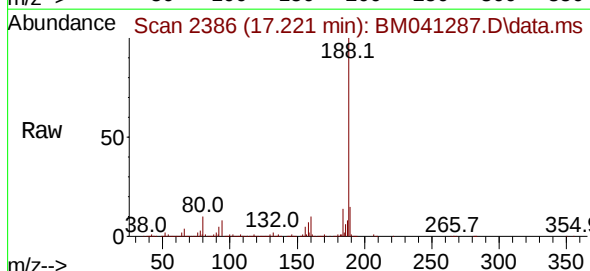
Tgt Ion:188 Resp: 957975

Ion Ratio Lower Upper

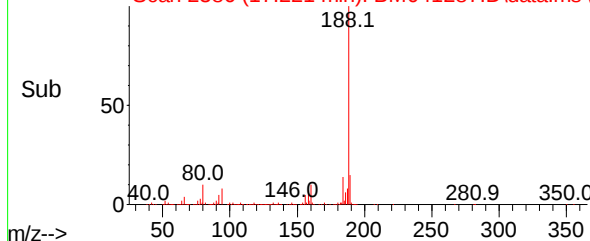
188 100

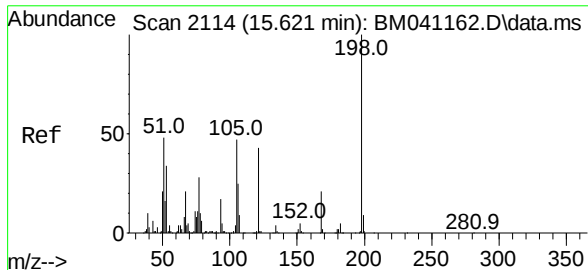
94 8.3 8.2 12.2

80 9.7 8.6 13.0



Abundance Scan 2386 (17.221 min): BM041287.D\data.ms (-2335) (-)

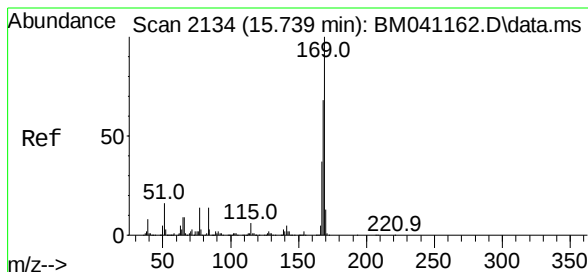
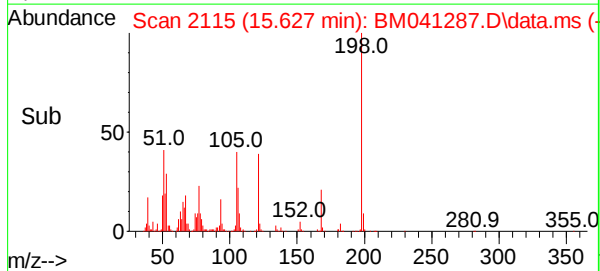
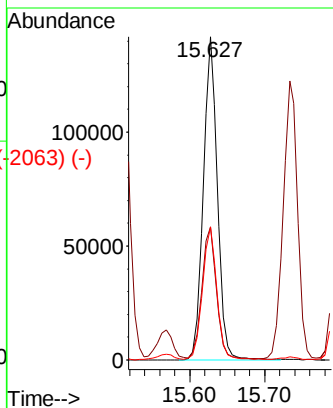
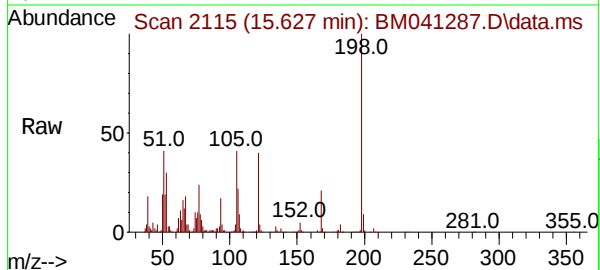




4,6-Dinitro-2-methylphenol
 Concen: 32.307 ng
 RT: 15.627 min Scan# 2114
 Delta R.T. 0.006 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

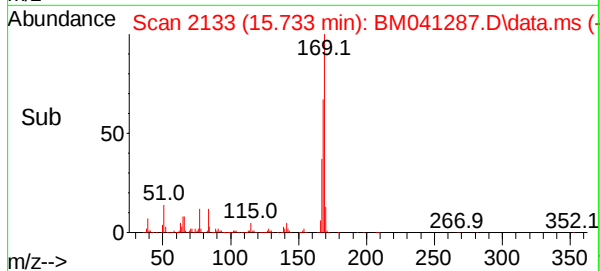
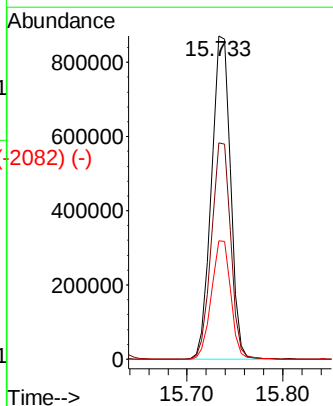
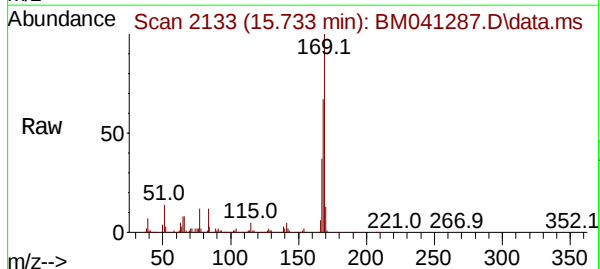
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Tgt Ion:	198	Resp:	187489
Ion	Ratio	Lower	Upper
198	100		
51	41.1	31.7	71.7
105	41.2	27.8	67.8



n-Nitrosodiphenylamine
 Concen: 40.101 ng
 RT: 15.733 min Scan# 2133
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	169	Resp:	1194760
Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.6	81.8
167	36.7	29.9	44.9



Abundance Scan 2250 (16.421 min): BM041162.D\data.ms (-2250) (-)

4-Bromophenyl-phenylether

Concen: 43.842 ng

RT: 16.409 min Scan# 2248

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPM5

Ref

m/z-->

Abundance Scan 2248 (16.409 min): BM041287.D\data.ms

Raw

m/z-->

Abundance Scan 2248 (16.409 min): BM041287.D\data.ms (-2197) (-)

Sub

m/z-->

Abundance

16.409

300000

200000

100000

0

Time-->

Abundance Scan 2268 (16.527 min): BM041162.D\data.ms (-2268) (-)

Hexachlorobenzene

Concen: 46.586 ng

RT: 16.521 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Ref

m/z-->

Abundance Scan 2267 (16.521 min): BM041287.D\data.ms

Raw

m/z-->

Abundance Scan 2267 (16.521 min): BM041287.D\data.ms (-2216) (-)

Sub

m/z-->

Abundance

16.521

400000

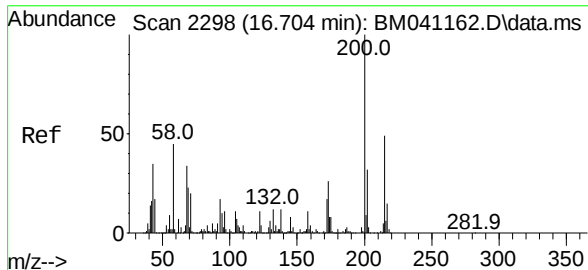
300000

200000

100000

0

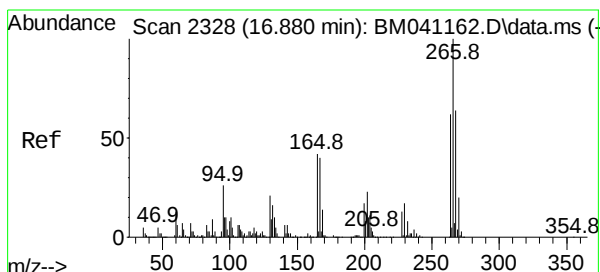
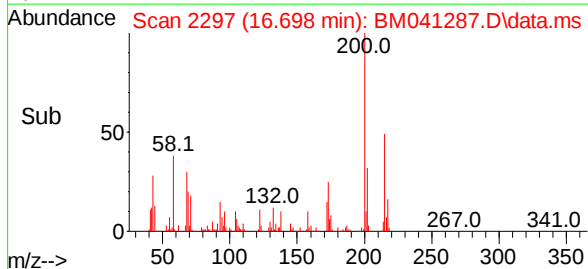
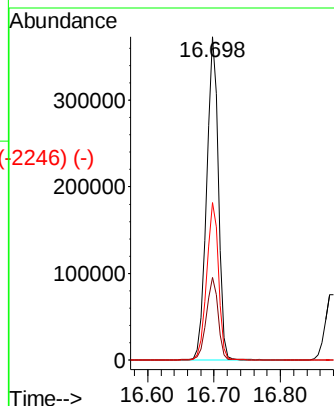
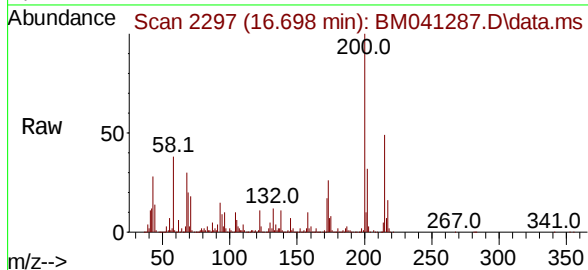
Time-->



Atrazine
Concen: 59.276 ng
RT: 16.698 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

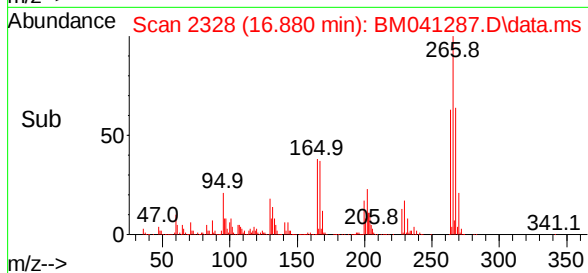
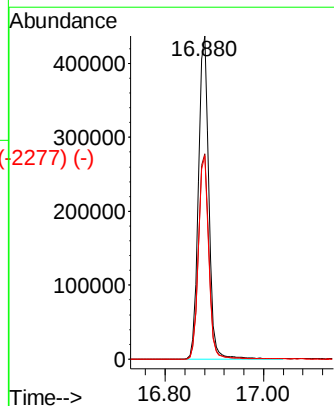
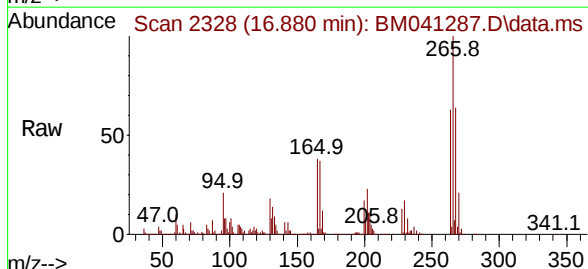
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

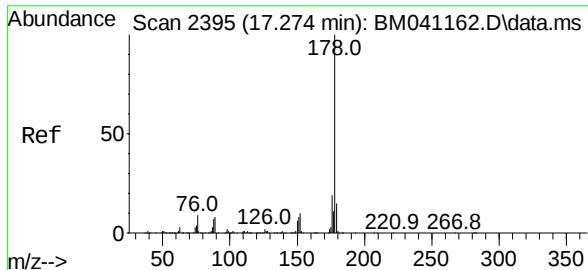
Tgt Ion:200 Resp: 463792
Ion Ratio Lower Upper
200 100
173 25.6 5.6 45.6
215 48.7 28.5 68.5



Pentachlorophenol
Concen: 77.409 ng
RT: 16.880 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:266 Resp: 626044
Ion Ratio Lower Upper
266 100
268 63.7 51.0 76.6
264 62.9 49.4 74.2



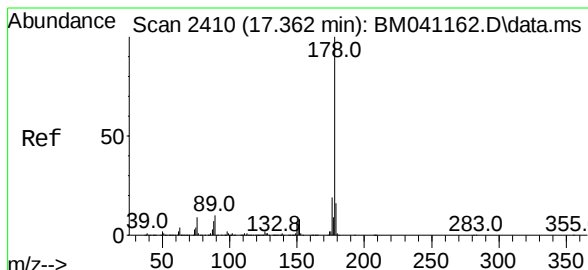
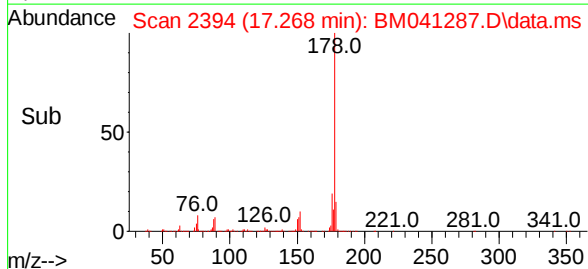
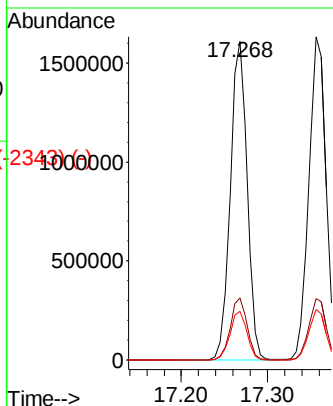
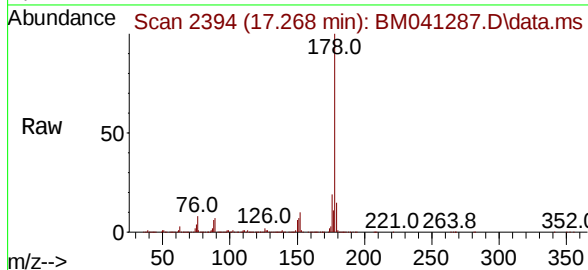


Scan 2395 (17.274 min): BM041162.D\data.ms (-2374) (-)
 Phenanthrene
 Concen: 41.450 ng
 RT: 17.268 min Scan# 2394
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Instrument : BNA_M
 ClientSampleId : BERGENFIELD-SOIL-COMPMS

Tgt Ion:178 Resp: 2206177

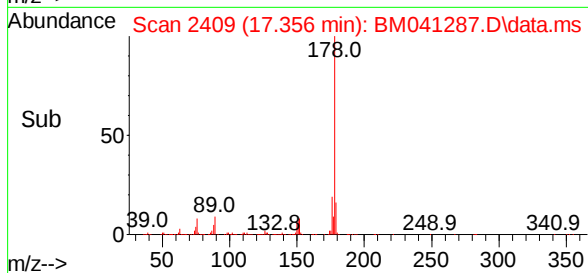
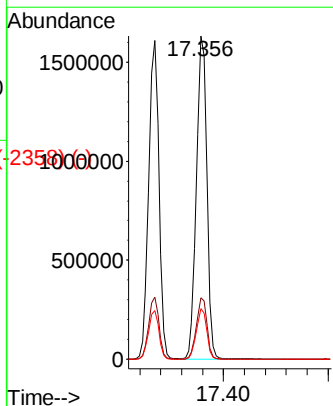
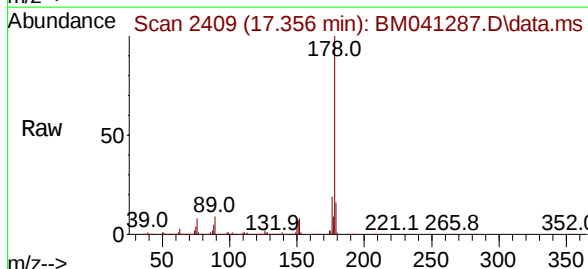
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	12.1	18.1



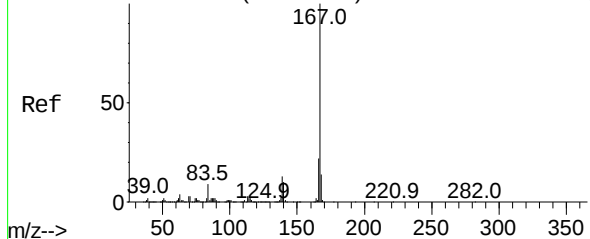
Scan 2410 (17.362 min): BM041162.D\data.ms (-2374) (-)
 Anthracene
 Concen: 42.612 ng
 RT: 17.356 min Scan# 2409
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:178 Resp: 2243134

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.6	12.4	18.6



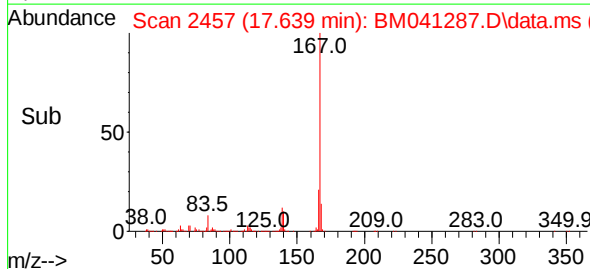
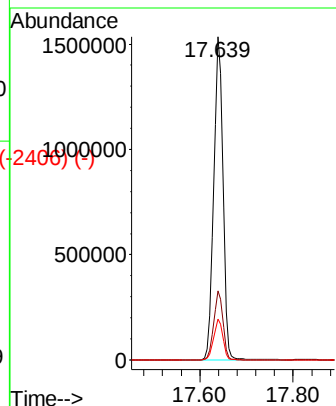
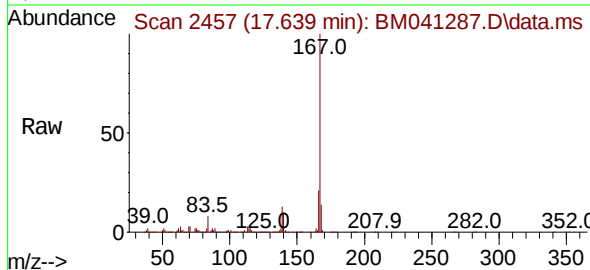
Abundance Scan 2458 (17.645 min): BM041162.D\data.ms (-2475) (-)



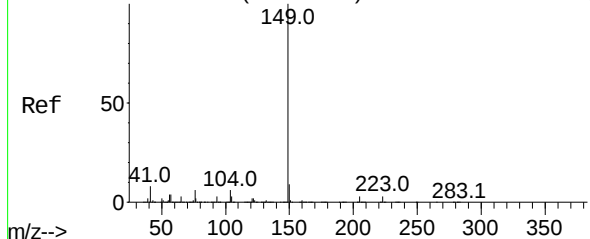
Carbazole
Concen: 44.094 ng
RT: 17.639 min Scan# 2475
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:167 Resp: 2100890
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 12.6 10.3 15.5

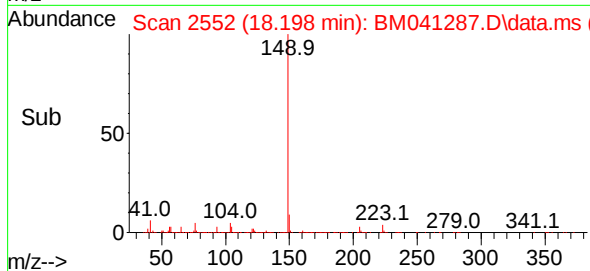
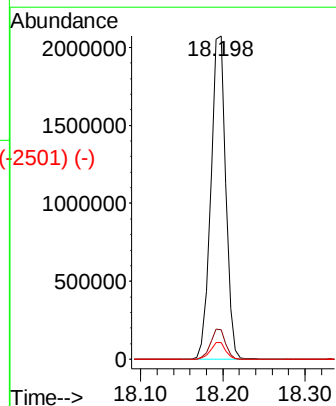
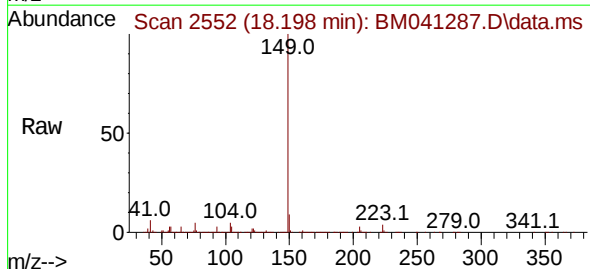


Abundance Scan 2553 (18.204 min): BM041162.D\data.ms (-2576) (-)

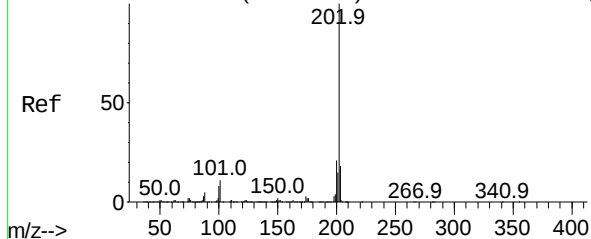


Di-n-butylphthalate
Concen: 48.558 ng
RT: 18.198 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:149 Resp: 2614362
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.2 4.5 6.7



Abundance Scan 2739 (19.298 min): BM041162.D\data.ms (-2735) (-)



Fluoranthene

Concen: 45.885 ng

RT: 19.292 min Scan# 2739

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

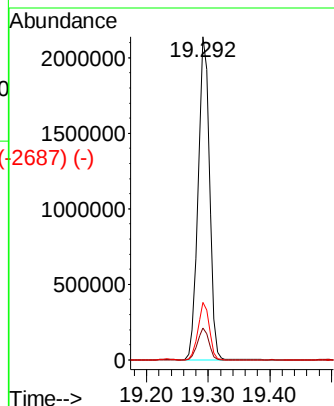
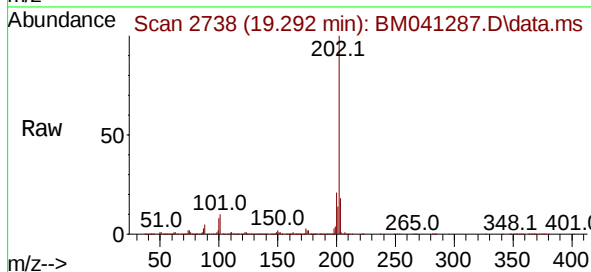
Tgt Ion:202 Resp: 2743827

Ion Ratio Lower Upper

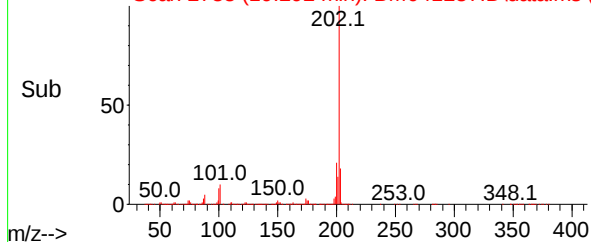
202 100

101 9.9 0.0 30.8

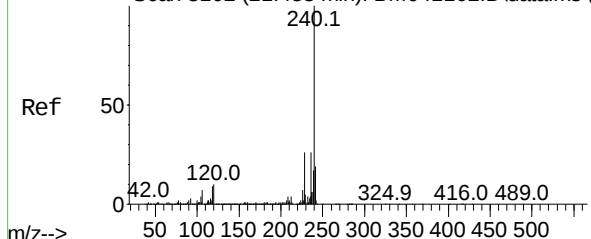
203 17.7 0.0 37.6



Abundance Scan 2738 (19.292 min): BM041287.D\data.ms (-2687) (-)



Abundance Scan 3102 (21.433 min): BM041162.D\data.ms (-3075) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

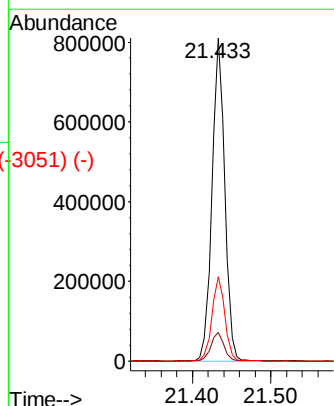
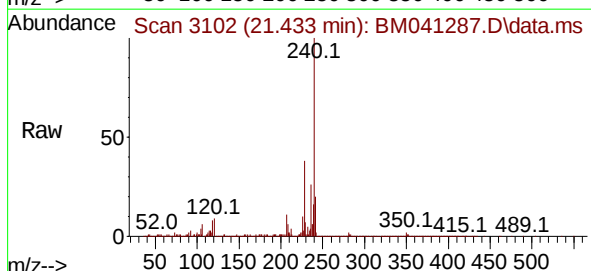
Tgt Ion:240 Resp: 924548

Ion Ratio Lower Upper

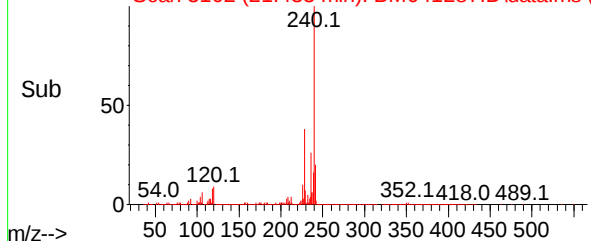
240 100

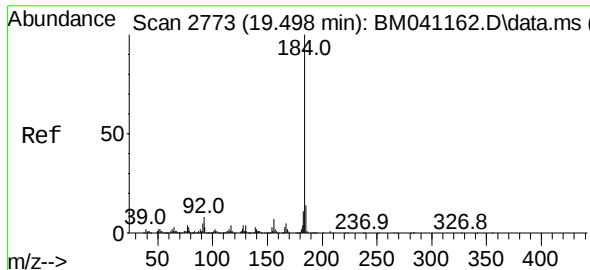
120 8.8 8.3 12.5

236 26.1 20.6 30.8



Abundance Scan 3102 (21.433 min): BM041287.D\data.ms (-3051) (-)

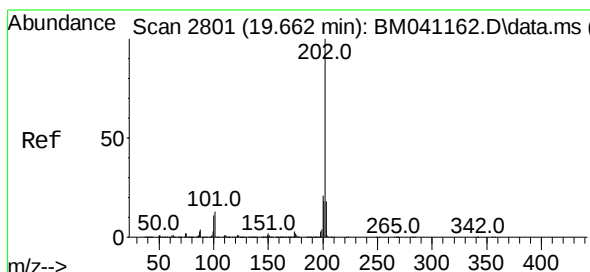
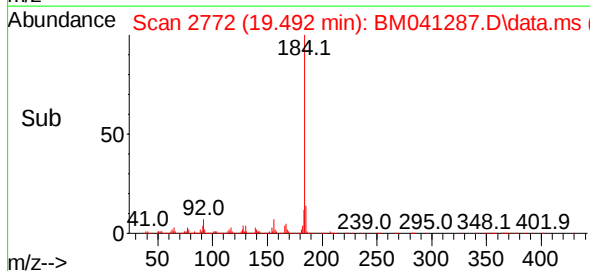
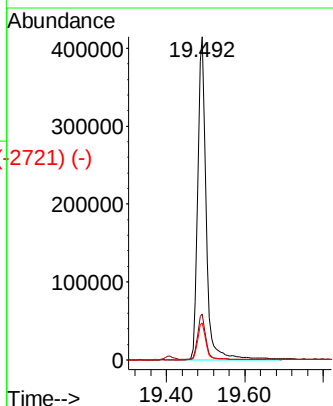
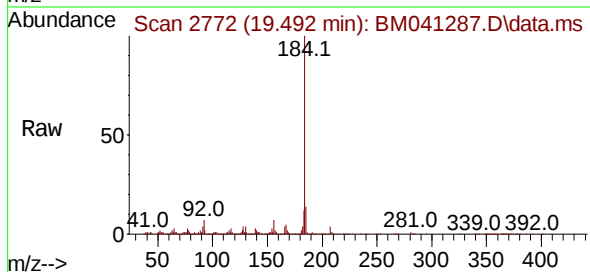




Benzidine
Concen: 48.285 ng
RT: 19.492 min Scan# 2773
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

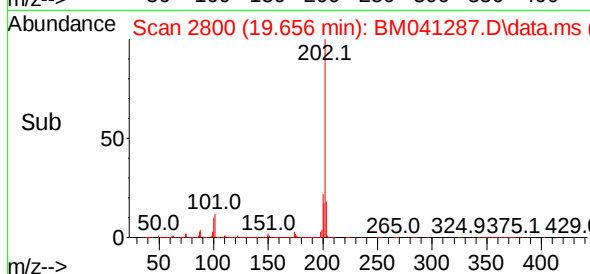
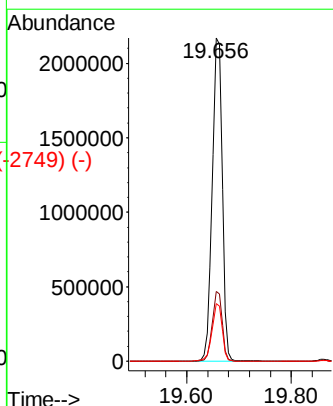
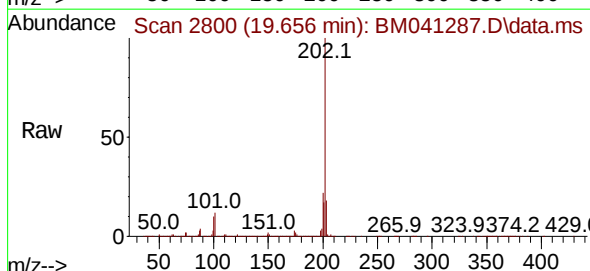
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

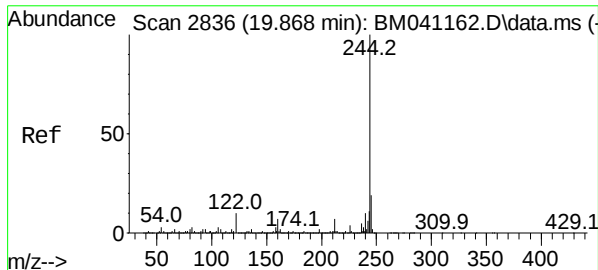
Tgt Ion:	184	Resp:	608460
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.5	9.2	13.8



Pyrene
Concen: 44.399 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	202	Resp:	2870603
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.8	14.1	21.1

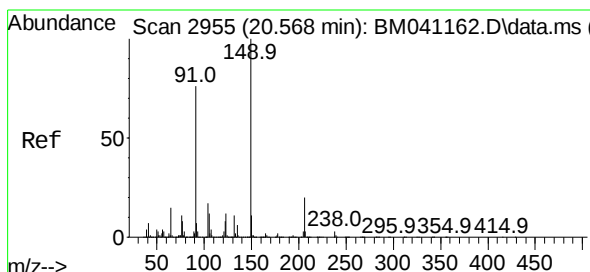
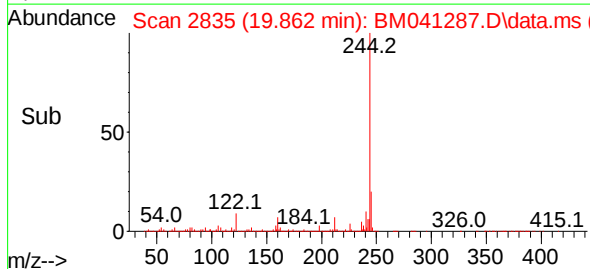
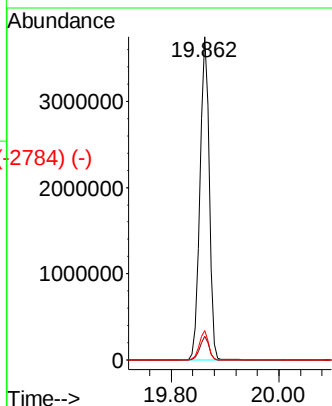
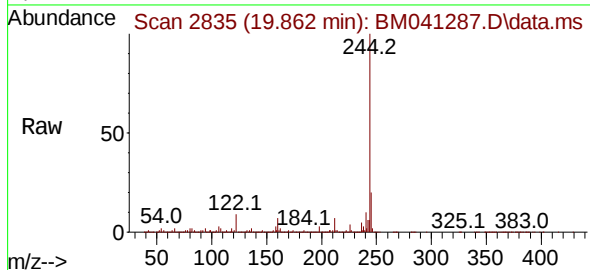




Terphenyl-d14
Concen: 86.775 ng
RT: 19.862 min Scan# 2836
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

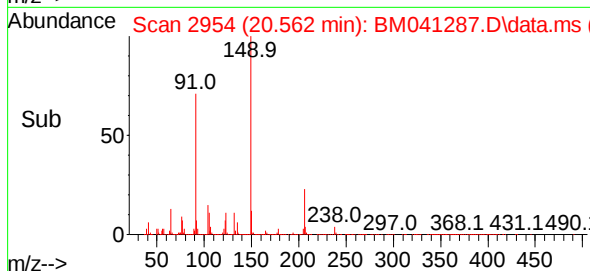
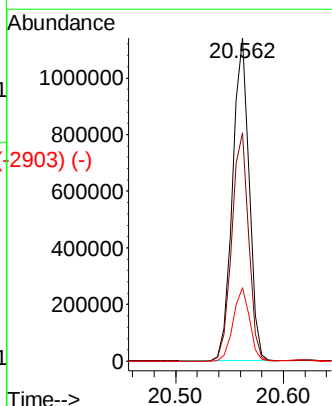
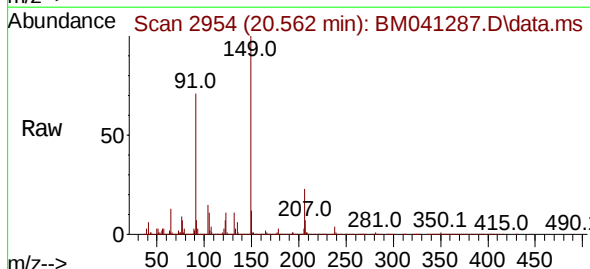
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

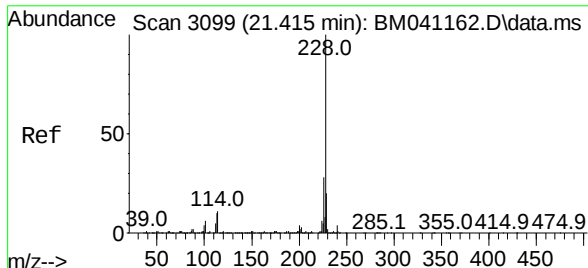
Tgt Ion:244 Resp: 4437216
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.0 7.8 11.6



Butylbenzylphthalate
Concen: 52.143 ng
RT: 20.562 min Scan# 2954
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:149 Resp: 1231147
Ion Ratio Lower Upper
149 100
91 70.6 60.8 91.2
206 22.8 16.4 24.6

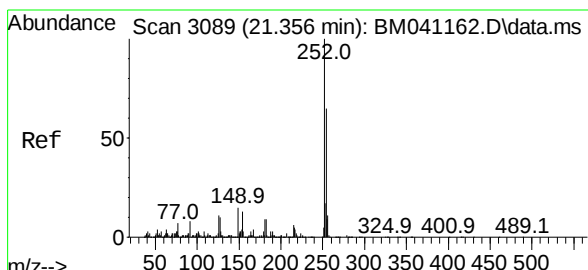
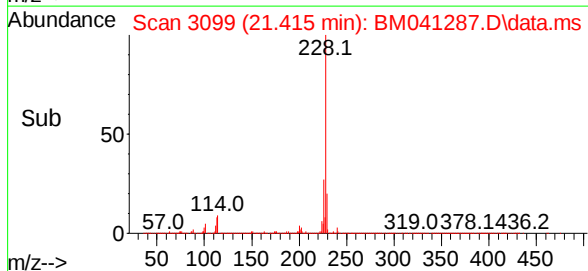
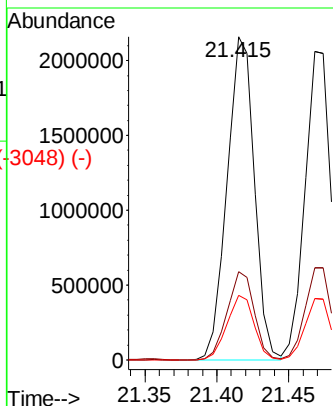
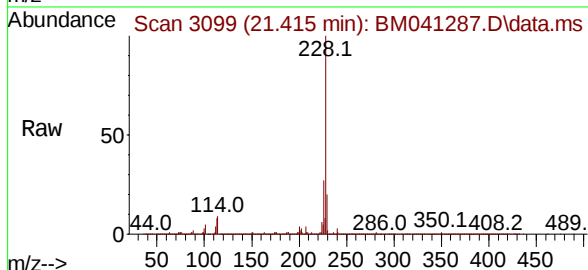




Scan 3099 (21.415 min): BM041162.D\data.ms (-3081) (-)
 Benzo(a)anthracene
 Concen: 45.570 ng
 RT: 21.415 min Scan# 3099
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

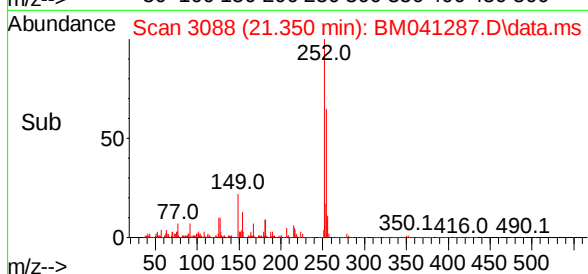
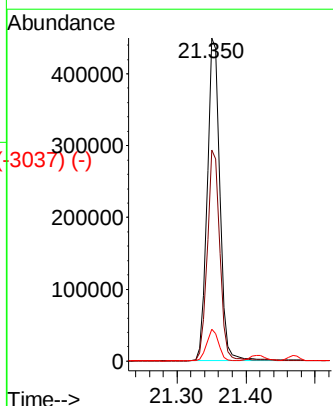
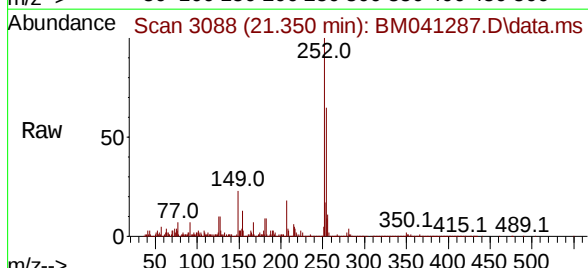
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

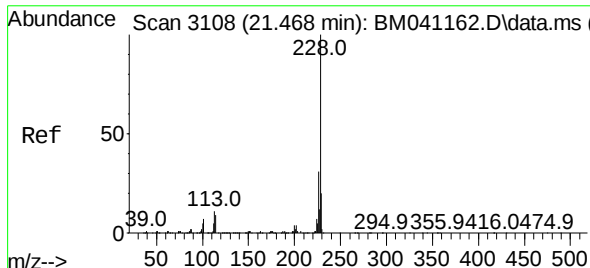
Tgt Ion:	228	Resp:	2856199
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.9	15.8	23.8



Scan 3089 (21.356 min): BM041162.D\data.ms (-3082) (-)
 3,3'-Dichlorobenzidine
 Concen: 28.020 ng
 RT: 21.350 min Scan# 3088
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	252	Resp:	573069
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	9.9	8.6	13.0



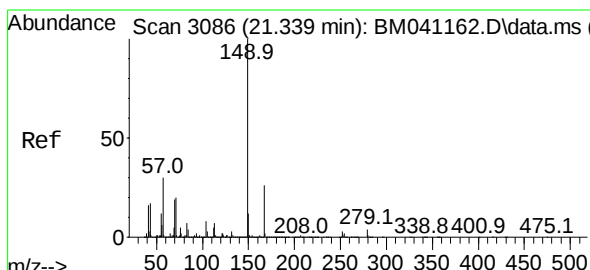
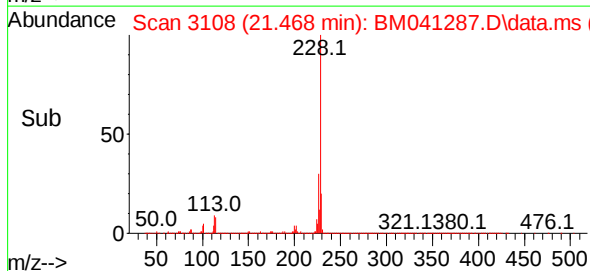
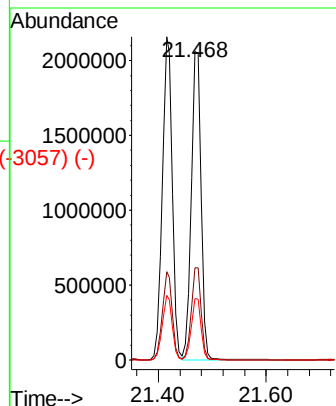
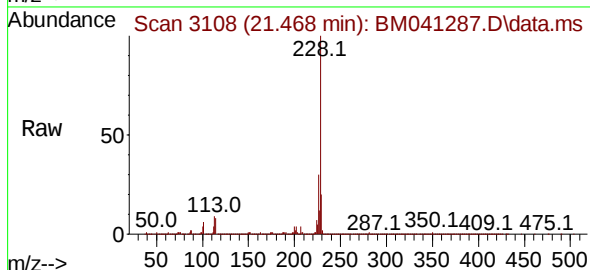


Chrysene
Concen: 42.416 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:228 Resp: 2571441

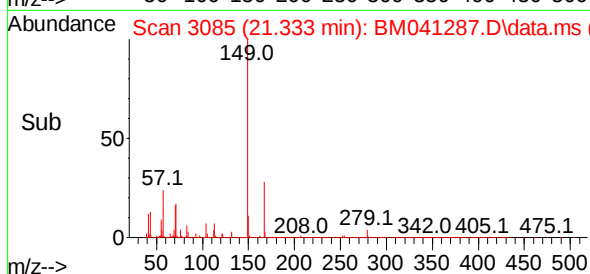
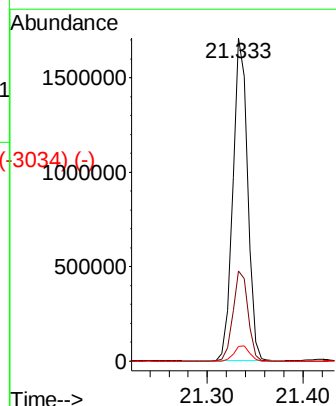
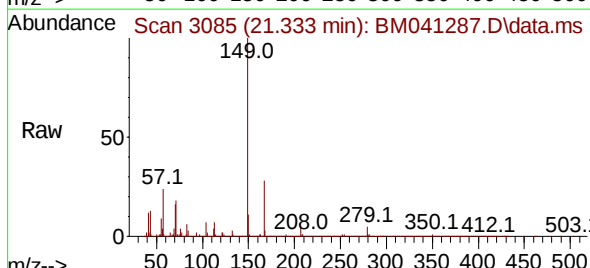
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	19.9	15.8	23.8



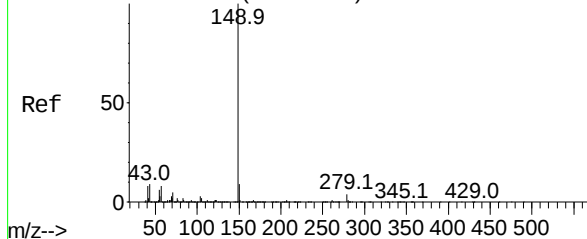
Bis(2-ethylhexyl)phthalate
Concen: 48.889 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:149 Resp: 1834968

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.0	31.6
279	4.5	3.1	4.7



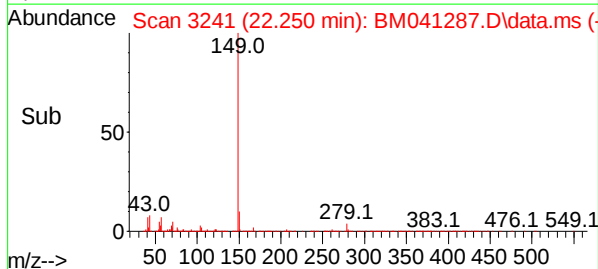
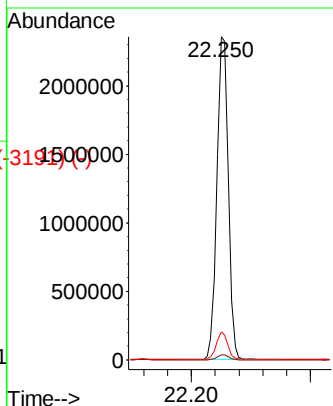
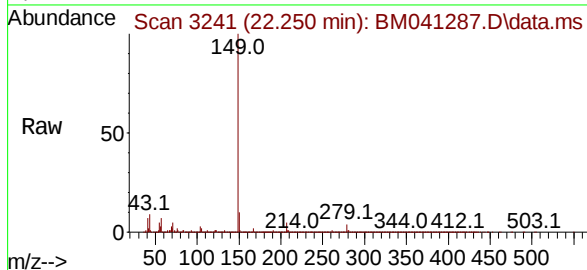
Abundance Scan 3243 (22.262 min): BM041162.D\data.ms (-3243) (-)



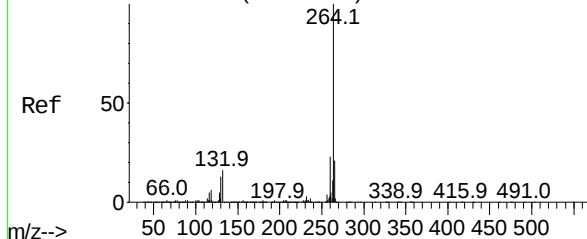
Di-n-octyl phthalate
Concen: 52.171 ng
RT: 22.250 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:149 Resp: 3113166
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 8.3 12.5

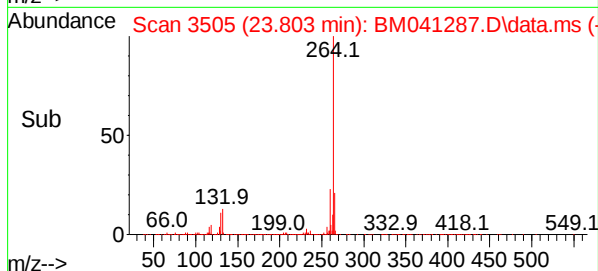
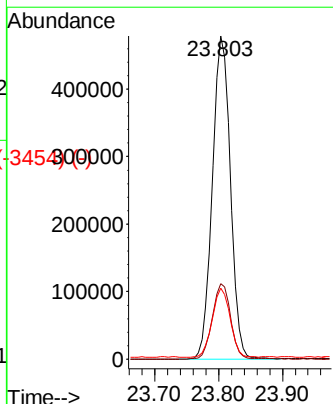
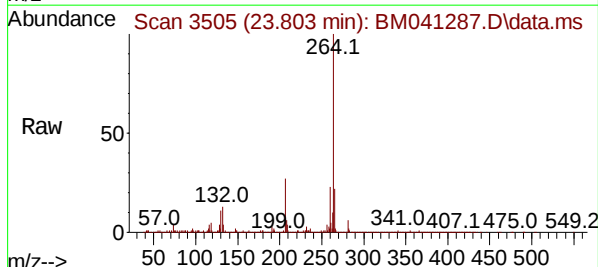


Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3505) (-)

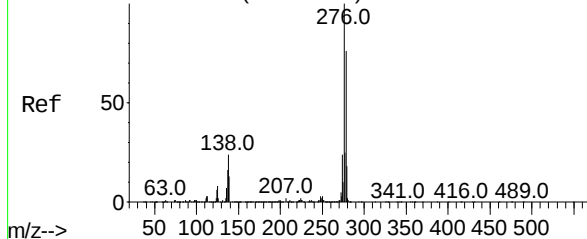


Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:264 Resp: 936138
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.4 26.0



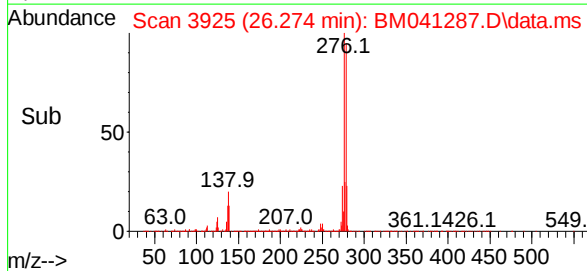
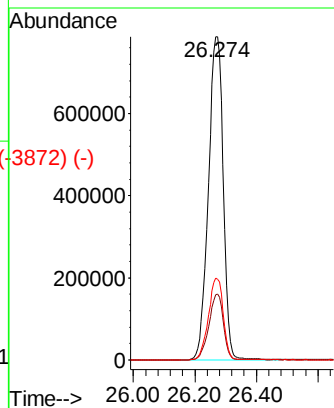
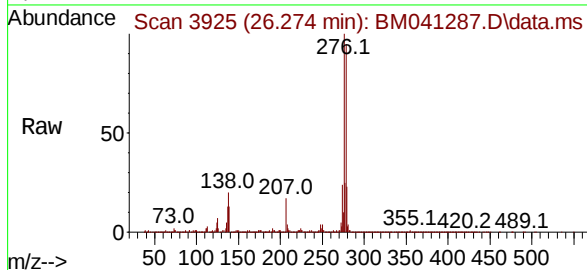
Abundance Scan 3922 (26.256 min): BM041162.D\data.ms (-3922) (-)



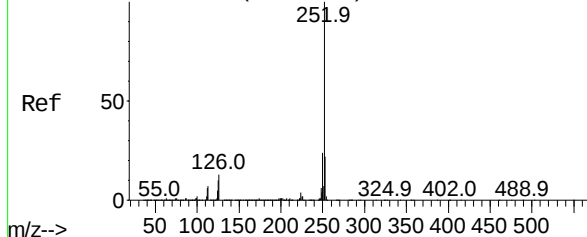
Indeno(1,2,3-cd)pyrene
Concen: 38.216 ng
RT: 26.274 min Scan# 3922
Delta R.T. 0.012 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

Tgt Ion:	276	Resp:	2630237
Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.0	30.0#
277	25.1	20.1	30.1

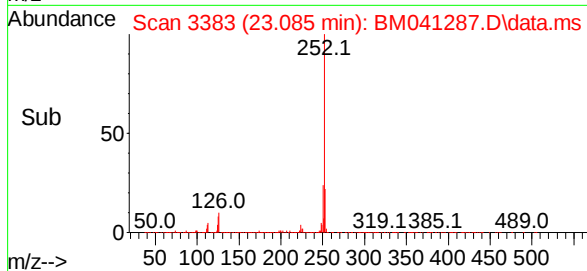
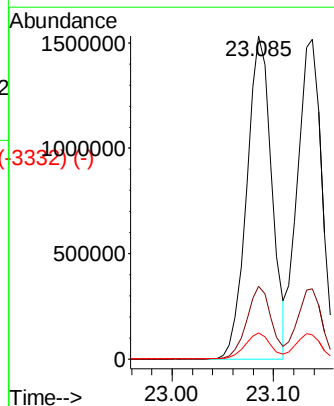
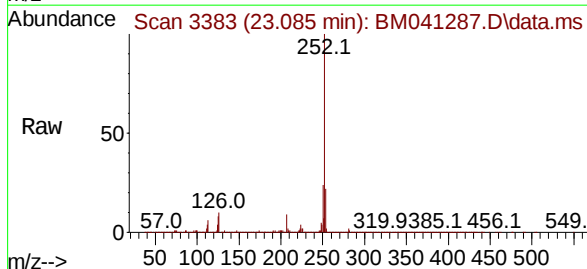


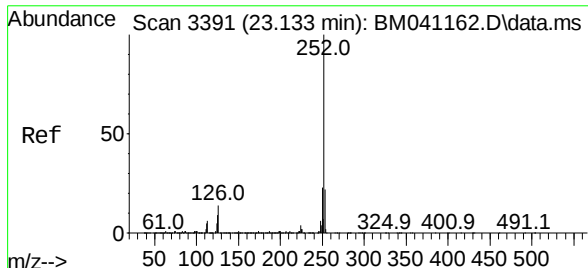
Abundance Scan 3382 (23.080 min): BM041162.D\data.ms (-3382) (-)



Benzo(b)fluoranthene
Concen: 47.235 ng
RT: 23.085 min Scan# 3383
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:	252	Resp:	2626871
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	8.1	8.2	12.4#

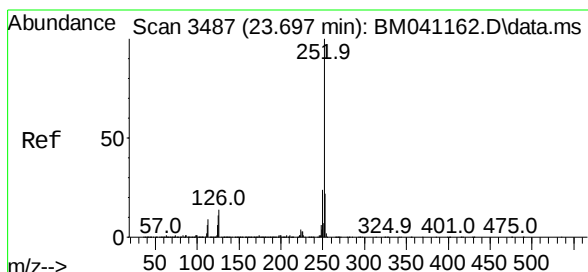
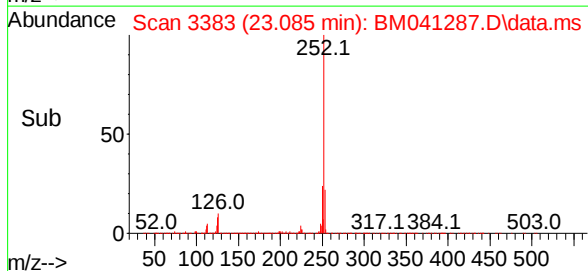
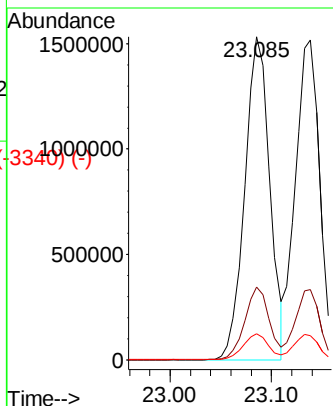
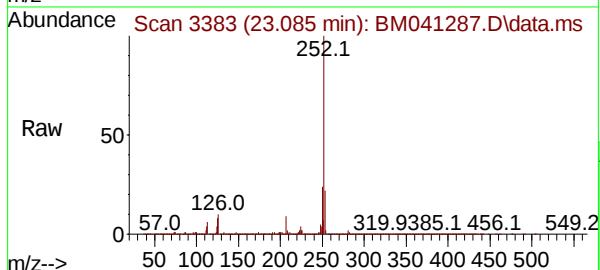




Scan 3391 (23.133 min): BM041162.D\data.ms (-3389) (-)
 Benzo(k)fluoranthene
 Concen: 46.177 ng
 RT: 23.085 min Scan# 3389
 Delta R.T. -0.047 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

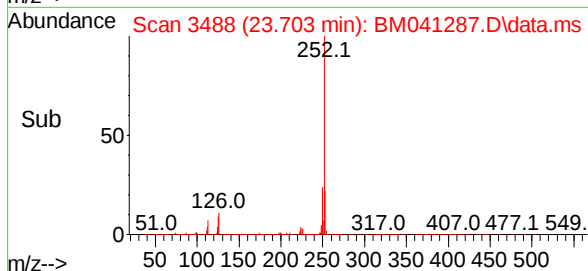
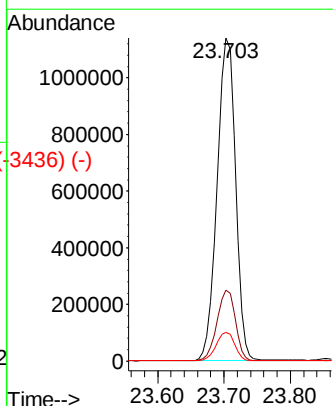
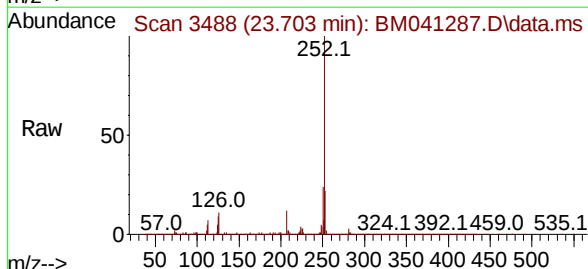
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

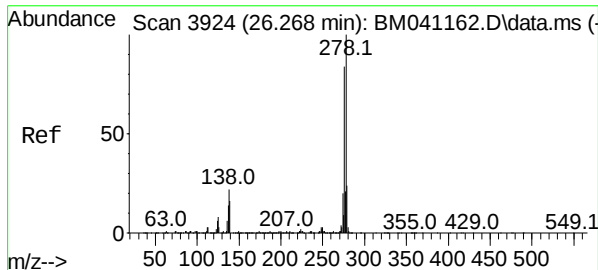
Tgt Ion:	252	Resp:	2626871
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	8.1	7.6	11.4



Scan 3487 (23.697 min): BM041162.D\data.ms (-3490) (-)
 Benzo(a)pyrene
 Concen: 40.945 ng
 RT: 23.703 min Scan# 3488
 Delta R.T. 0.006 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	252	Resp:	2187898
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.9	9.0	13.4#

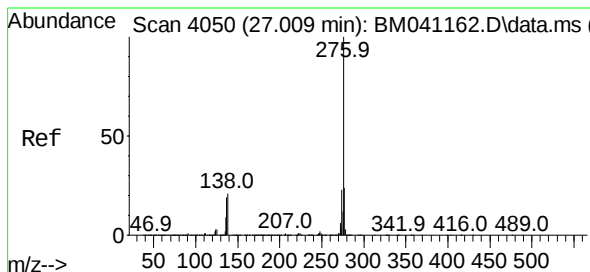
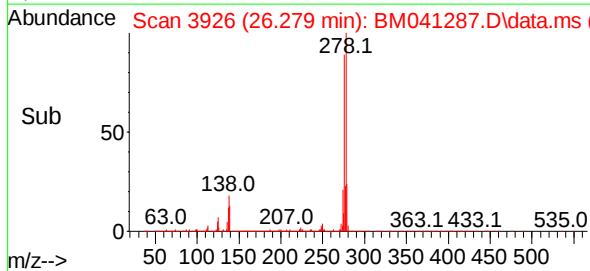
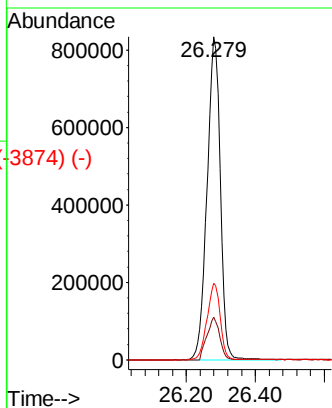
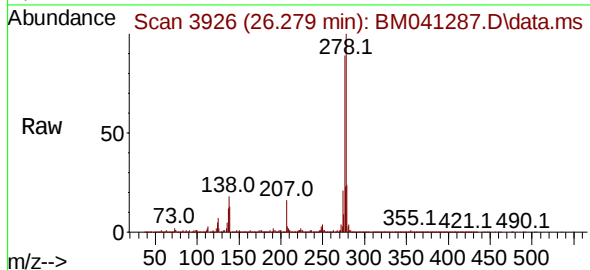




Dibenzo(a,h)anthracene
 Concen: 38.431 ng
 RT: 26.279 min Scan# 4091
 Delta R.T. 0.006 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Tgt Ion:	278	Resp:	2206190
Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.7	19.1
279	23.8	19.1	28.7



Benzo(g,h,i)perylene
 Concen: 35.981 ng
 RT: 27.026 min Scan# 4053
 Delta R.T. 0.012 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:	276	Resp:	2021114
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.4	17.1	25.7

