

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041288.D
 Acq On : 04 Aug 2023 11:14
 Operator : MA/JU
 Sample : 03854-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Quant Time: Aug 04 12:12:22 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	7.793	152	138625	20.000	ng	0.00	
21) Naphthalene-d8	10.598	136	595846	20.000	ng	0.00	
39) Acenaphthene-d10	14.463	164	398305	20.000	ng	0.00	
64) Phenanthrene-d10	17.221	188	918504	20.000	ng	0.00	
76) Chrysene-d12	21.433	240	901231	20.000	ng	0.00	
86) Perylene-d12	23.803	264	911563	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1094642	118.019	ng	0.00	
7) Phenol-d6	6.981	99	1389969	115.611	ng	0.00	
23) Nitrobenzene-d5	8.975	82	1017971	79.451	ng	0.00	
42) 2,4,6-Tribromophenol	15.968	330	842000	149.455	ng	0.00	
45) 2-Fluorobiphenyl	13.080	172	2445506	77.561	ng	0.00	
79) Terphenyl-d14	19.862	244	4456251	89.402	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	117556	29.627	ng	#	43
3) Pyridine	3.675	79	310323	29.745	ng		96
4) n-Nitrosodimethylamine	3.587	42	171753	35.596	ng		94
6) Aniline	7.128	93	379035	26.939	ng		99
8) 2-Chlorophenol	7.357	128	437545	48.322	ng		99
9) Benzaldehyde	6.940	77	187561	29.565	ng		99
10) Phenol	7.004	94	515256	44.373	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	414972	44.148	ng		96
12) 1,3-Dichlorobenzene	7.675	146	438897	44.529	ng		99
13) 1,4-Dichlorobenzene	7.828	146	453935	45.821	ng		100
14) 1,2-Dichlorobenzene	8.140	146	443183	46.656	ng		100
15) Benzyl Alcohol	8.051	79	442929	58.337	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	502948	40.159	ng		94
17) 2-Methylphenol	8.257	107	384045	48.409	ng		99
18) Hexachloroethane	8.857	117	168826	45.774	ng		92
19) n-Nitroso-di-n-propyla...	8.616	70	368649	50.482	ng		96
20) 3+4-Methylphenols	8.587	107	528165	49.793	ng		98
22) Acetophenone	8.634	105	693447	43.943	ng	#	98
24) Nitrobenzene	9.016	77	537362	41.472	ng		99
25) Isophorone	9.539	82	1040125	47.822	ng		98
26) 2-Nitrophenol	9.722	139	255288	50.400	ng		95
27) 2,4-Dimethylphenol	9.787	122	406036	45.555	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	602601	44.231	ng		99
29) 2,4-Dichlorophenol	10.257	162	475971	52.953	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	470430	47.371	ng		99
31) Naphthalene	10.651	128	1358785	42.023	ng		99
32) Benzoic acid	9.951	122	191166	31.455	ng		97
33) 4-Chloroaniline	10.786	127	108244	8.377	ng		98
34) Hexachlorobutadiene	10.916	225	287781	48.182	ng		98
35) Caprolactam	11.610	113	97104	37.345	ng		88
36) 4-Chloro-3-methylphenol	11.922	107	515797	54.521	ng		98
37) 2-Methylnaphthalene	12.269	142	981474	45.024	ng		99
38) 1-Methylnaphthalene	12.492	142	944053	46.271	ng		100
40) 1,2,4,5-Tetrachloroben...	12.639	216	566386	43.792	ng	#	97
41) Hexachlorocyclopentadiene	12.604	237	490879	71.741	ng		100

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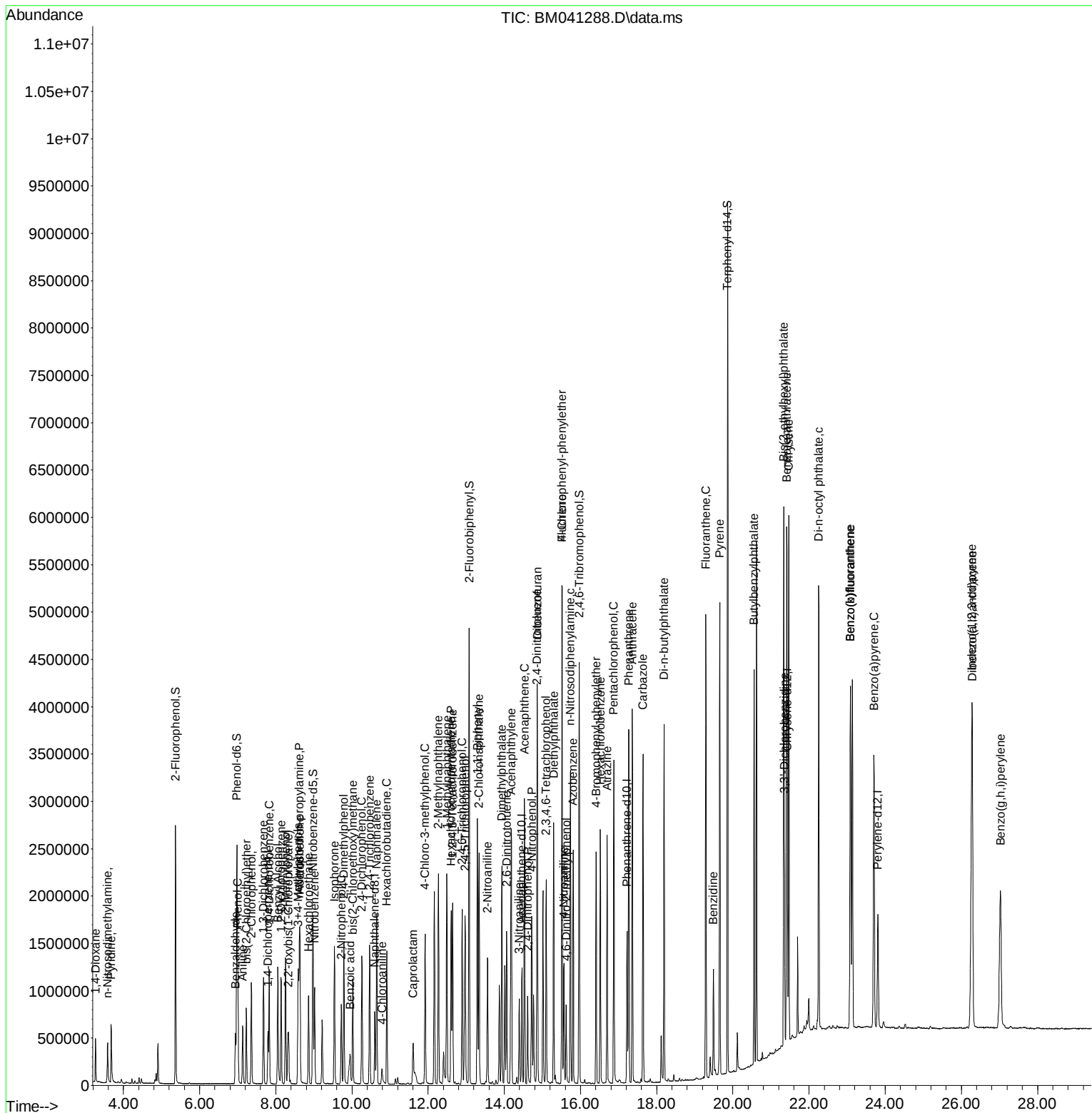
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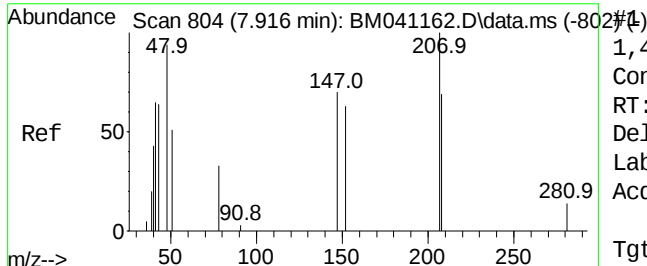
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.892	196	416995	50.304	ng	99
44) 2,4,5-Trichlorophenol	12.969	196	458399	47.777	ng	97
46) 1,1'-Biphenyl	13.292	154	1345157	41.658	ng	98
47) 2-Chloronaphthalene	13.333	162	1062963	44.088	ng	98
48) 2-Nitroaniline	13.557	65	367938	47.809	ng	97
49) Acenaphthylene	14.186	152	1745534	44.854	ng	100
50) Dimethylphthalate	13.933	163	1467779	48.989	ng	99
51) 2,6-Dinitrotoluene	14.063	165	316239	50.941	ng	93
52) Acenaphthene	14.527	154	999647	42.640	ng	100
53) 3-Nitroaniline	14.392	138	217876	31.278	ng	93
54) 2,4-Dinitrophenol	14.616	184	207429	51.705	ng	# 86
55) Dibenzofuran	14.863	168	1702267	44.504	ng	99
56) 4-Nitrophenol	14.722	139	476298	92.059	ng	94
57) 2,4-Dinitrotoluene	14.857	165	447753	50.367	ng	95
58) Fluorene	15.516	166	1384358	45.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	409526	52.710	ng	95
60) Diethylphthalate	15.298	149	1422287	49.088	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	728498	48.178	ng	96
62) 4-Nitroaniline	15.569	138	310844	47.038	ng	97
63) Azobenzene	15.804	77	1386487	43.686	ng	97
65) 4,6-Dinitro-2-methylph...	15.627	198	184692	33.193	ng	86
66) n-Nitrosodiphenylamine	15.733	169	1201313	42.054	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	459772	45.655	ng	98
68) Hexachlorobenzene	16.521	284	543103	48.499	ng	96
69) Atrazine	16.698	200	463226	61.748	ng	99
70) Pentachlorophenol	16.874	266	613563	79.126	ng	99
71) Phenanthrene	17.268	178	2214264	43.389	ng	100
72) Anthracene	17.357	178	2253529	44.649	ng	100
73) Carbazole	17.639	167	2102292	46.020	ng	100
74) Di-n-butylphthalate	18.192	149	2615395	50.665	ng	99
75) Fluoranthene	19.292	202	2745809	47.891	ng	99
77) Benzidine	19.486	184	664547	54.100	ng	99
78) Pyrene	19.656	202	2878790	45.677	ng	100
80) Butylbenzylphthalate	20.556	149	1235426	53.678	ng	96
81) Benzo(a)anthracene	21.415	228	2891229	47.323	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	613559	30.776	ng	98
83) Chrysene	21.468	228	2615392	44.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1827124	49.885	ng	# 96
85) Di-n-octyl phthalate	22.250	149	3158678	54.303	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.274	276	2656897	39.644	ng	95
88) Benzo(b)fluoranthene	23.086	252	2684721	49.577	ng	# 98
89) Benzo(k)fluoranthene	23.086	252	2684721	48.467	ng	98
90) Benzo(a)pyrene	23.703	252	2251109	43.263	ng	# 97
91) Dibenzo(a,h)anthracene	26.285	278	2237883	40.034	ng	# 96
92) Benzo(g,h,i)perylene	27.027	276	2060986	37.680	ng	# 95

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

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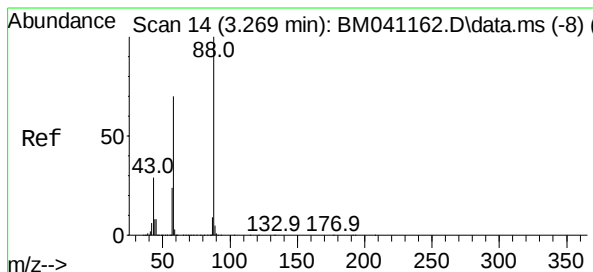
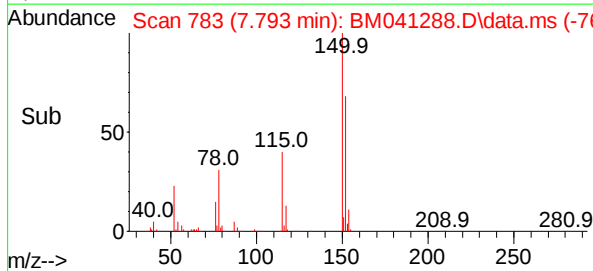
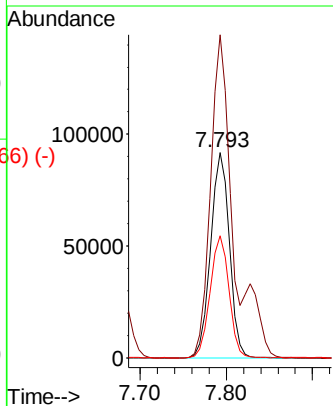
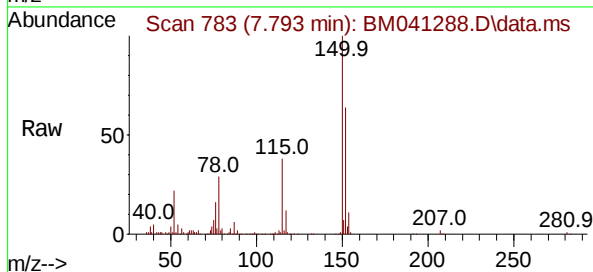




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan#
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

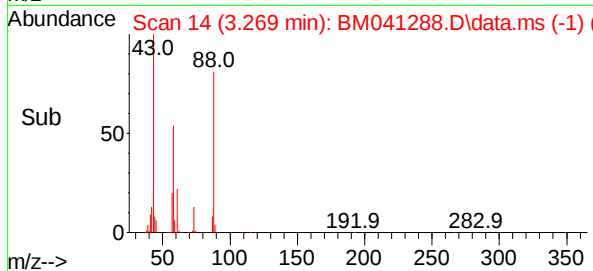
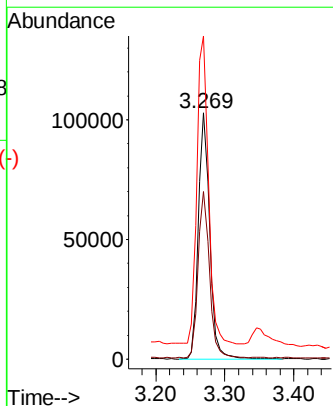
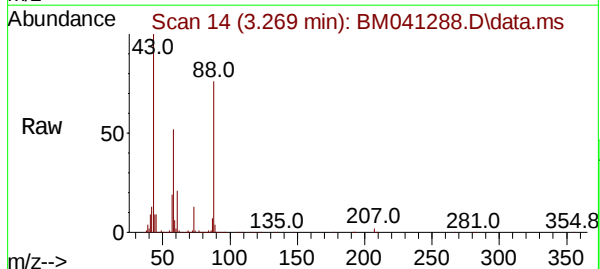
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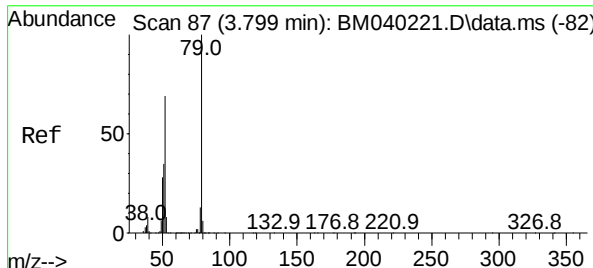
Tgt Ion:152 Resp: 138625
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.5 188.3
 115 59.3 48.0 72.0



1,4-Dioxane
 Concen: 29.627 ng
 RT: 3.269 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion: 88 Resp: 117556
 Ion Ratio Lower Upper
 88 100
 58 67.5 58.2 87.4
 43 128.1 24.4 36.6#

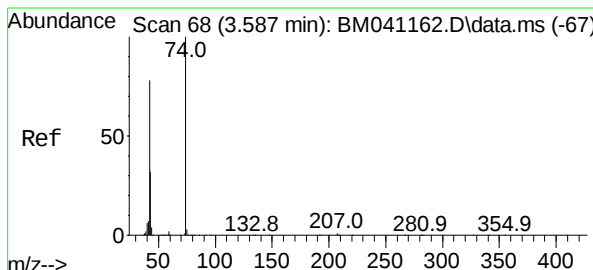
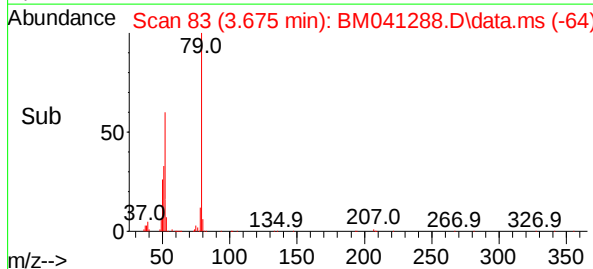
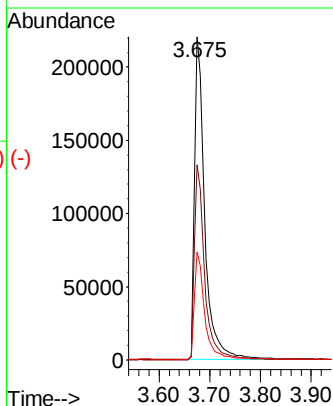
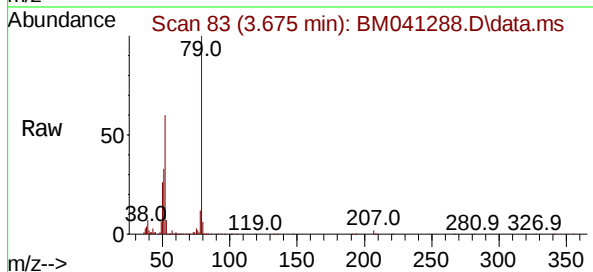




Pyridine
 Concen: 29.745 ng
 RT: 3.675 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

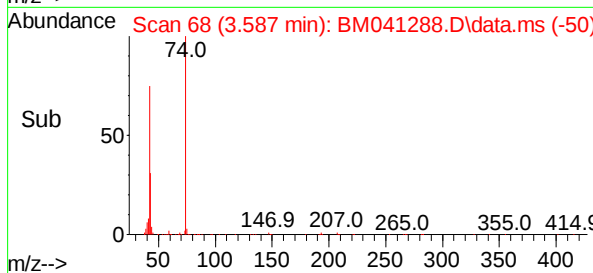
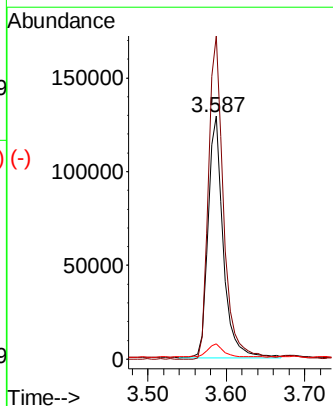
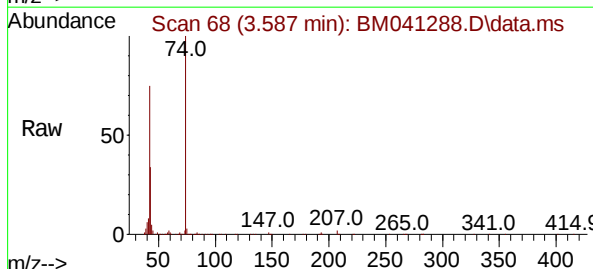
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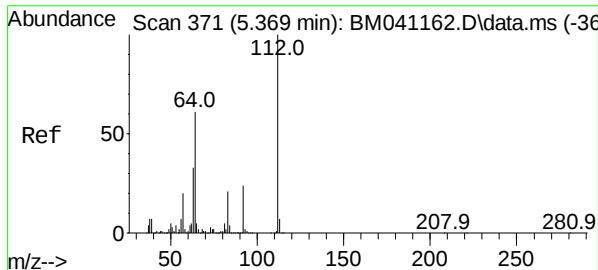
Tgt Ion:	79	Resp:	310323
Ion	Ratio	Lower	Upper
79	100		
52	60.5	52.1	78.1
51	33.5	27.5	41.3



n-Nitrosodimethylamine
 Concen: 35.596 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	42	Resp:	171753
Ion	Ratio	Lower	Upper
42	100		
74	132.9	100.8	151.2
44	6.4	5.0	7.4





2-Fluorophenol

Concen: 118.019 ng

RT: 5.369 min Scan# 664

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

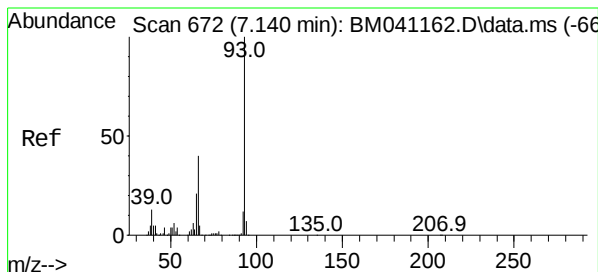
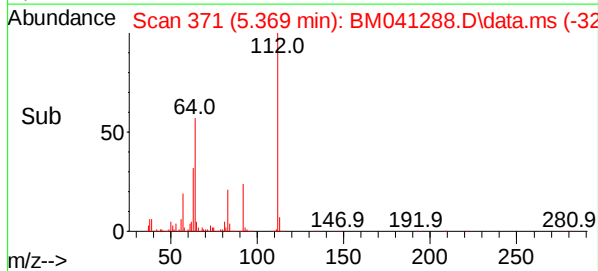
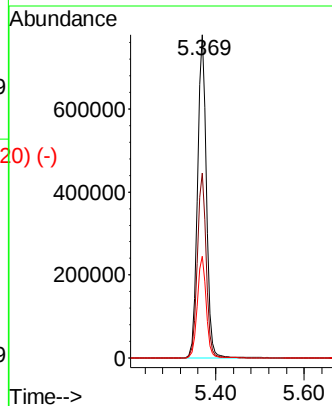
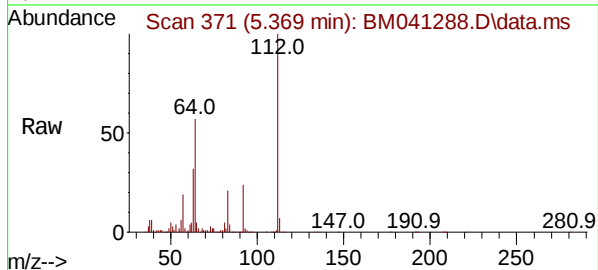
Tgt Ion:112 Resp: 1094642

Ion Ratio Lower Upper

112 100

64 57.2 48.5 72.7

63 31.5 26.5 39.7



Aniline

Concen: 26.939 ng

RT: 7.128 min Scan# 670

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

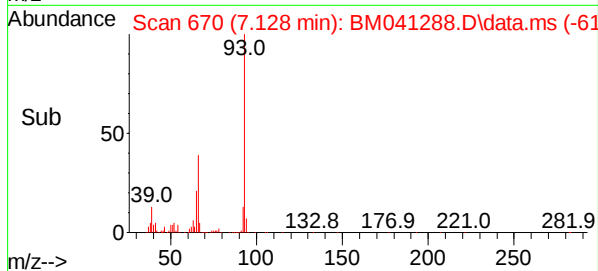
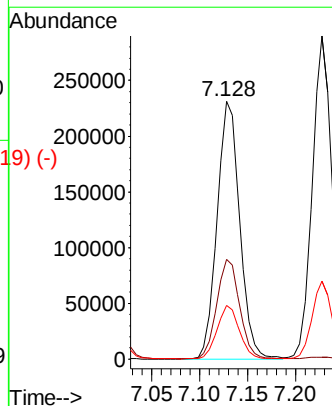
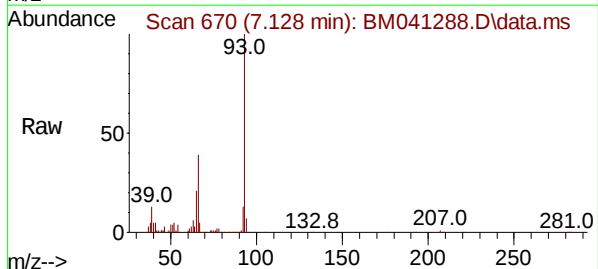
Tgt Ion: 93 Resp: 379035

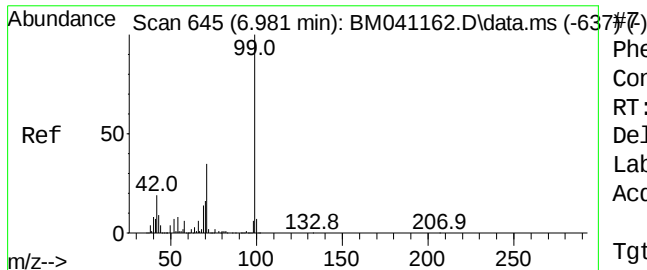
Ion Ratio Lower Upper

93 100

66 38.8 32.0 48.0

65 20.9 16.6 24.8



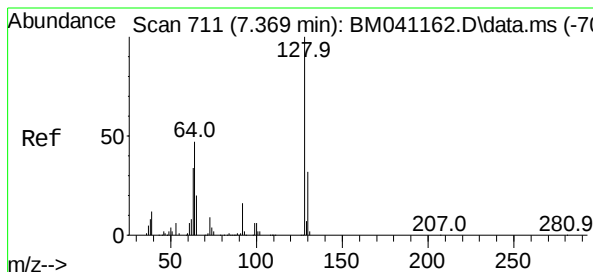
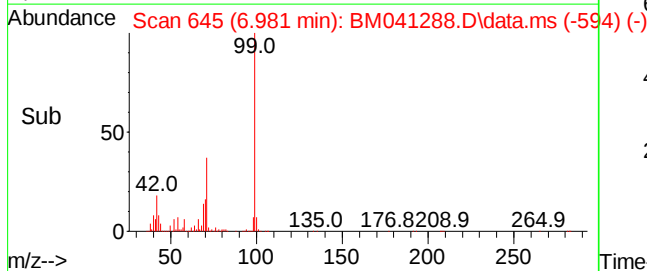
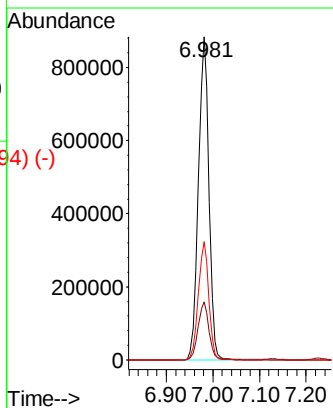
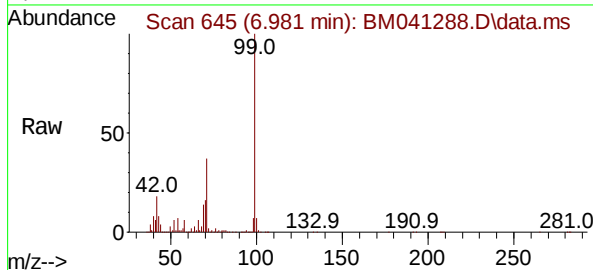


Phenol-d6
 Concen: 115.611 ng
 RT: 6.981 min Scan# 709
 Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 1389969

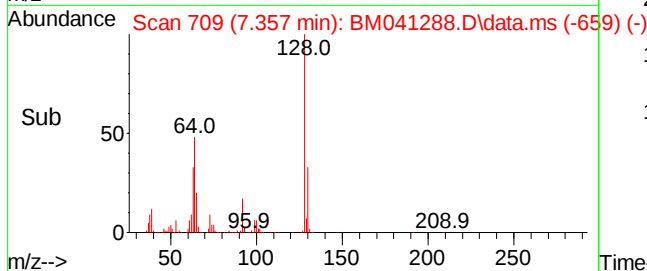
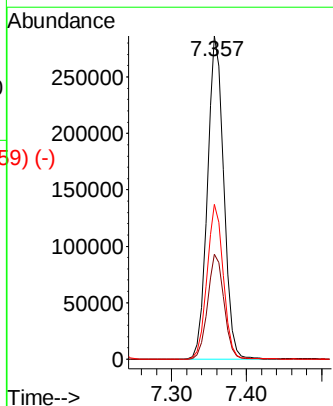
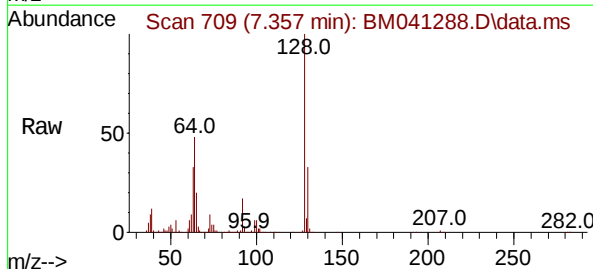
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.0
71	36.6	28.2	42.4

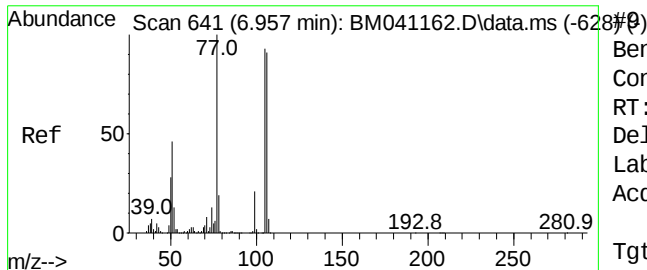


2-Chlorophenol
 Concen: 48.322 ng
 RT: 7.357 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BM041288.D
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Tgt Ion: 128 Resp: 437545

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	48.0	29.3	69.3





Benzaldehyde

Concen: 29.565 ng

RT: 6.940 min Scan#

Delta R.T. -0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNM

ClientSampleId :

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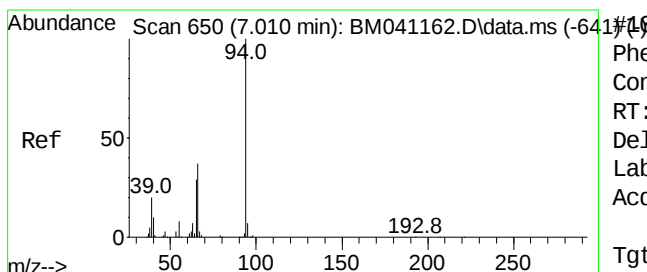
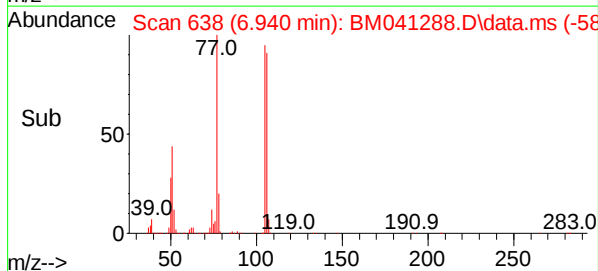
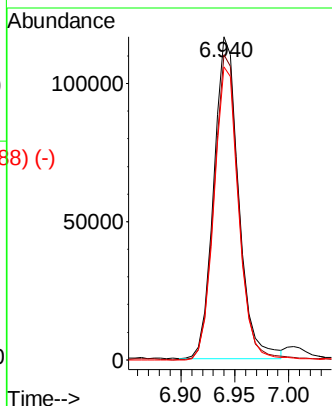
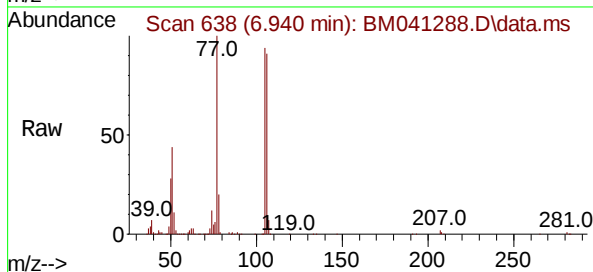
Tgt Ion: 77 Resp: 187561

Ion Ratio Lower Upper

77 100

105 94.5 72.8 112.8

106 90.7 70.8 110.8



Phenol

Concen: 44.373 ng

RT: 7.004 min Scan# 649

Delta R.T. -0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

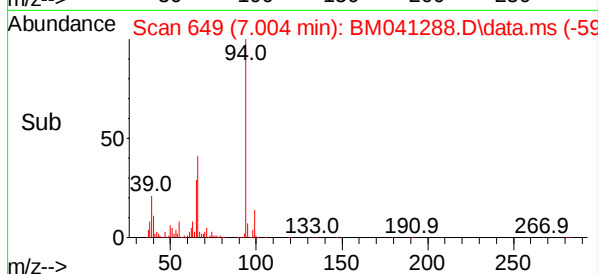
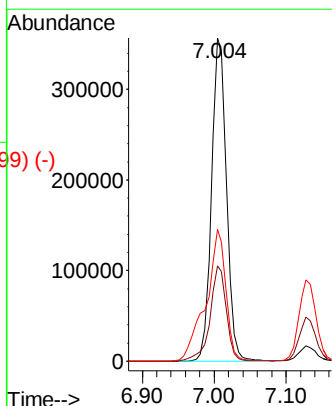
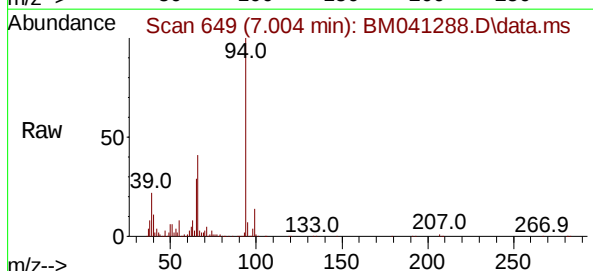
Tgt Ion: 94 Resp: 515256

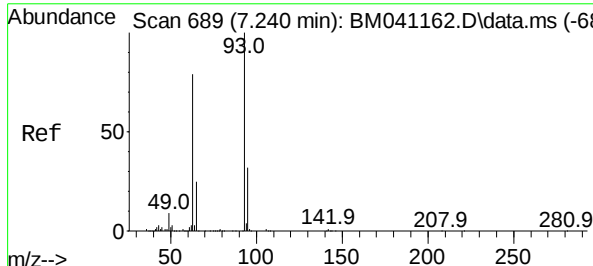
Ion Ratio Lower Upper

94 100

65 29.4 9.5 49.5

66 40.8 18.0 58.0

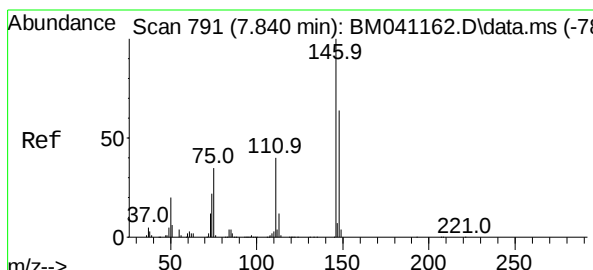
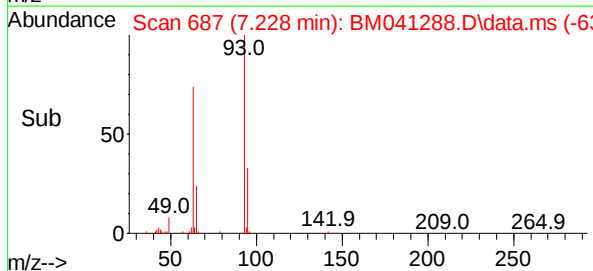
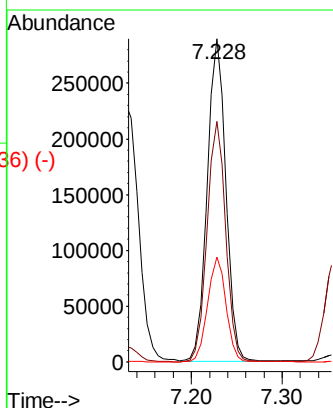
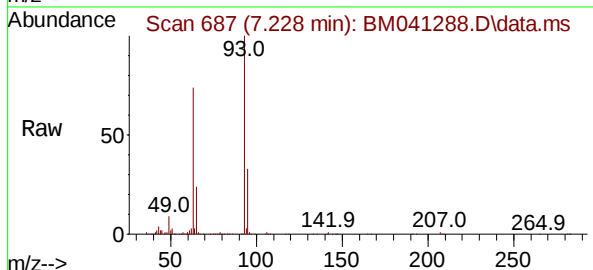




#11
bis(2-Chloroethyl)ether
Concen: 44.148 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

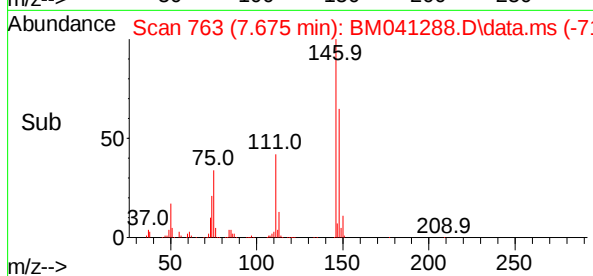
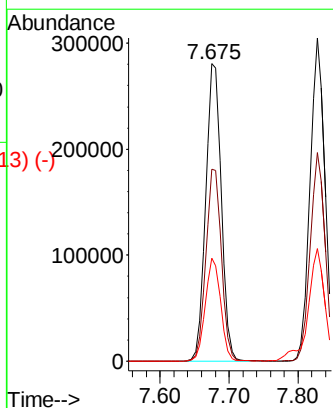
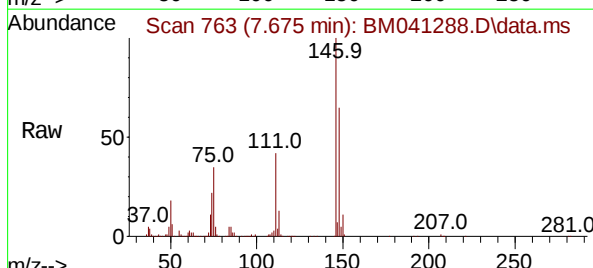
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

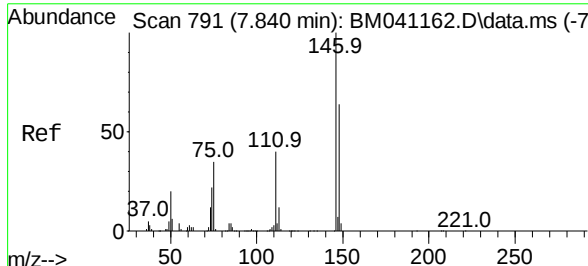
Tgt Ion:	93	Resp:	414972
Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.8	98.8
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.529 ng
RT: 7.675 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	146	Resp:	438897
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	34.6	28.3	42.5

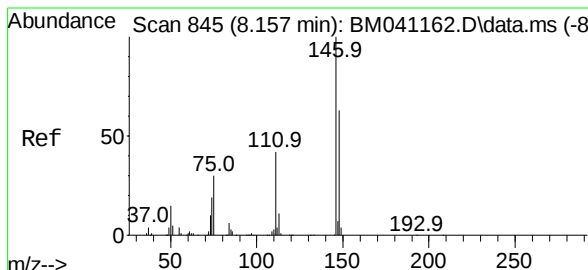
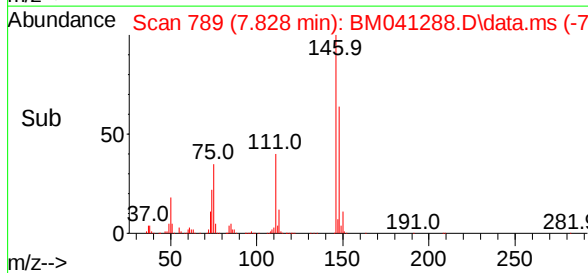
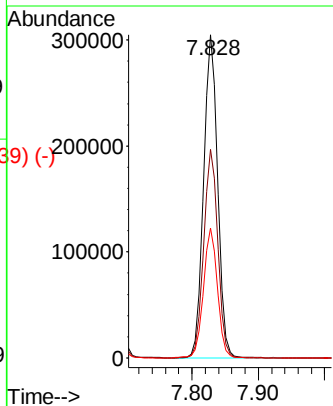
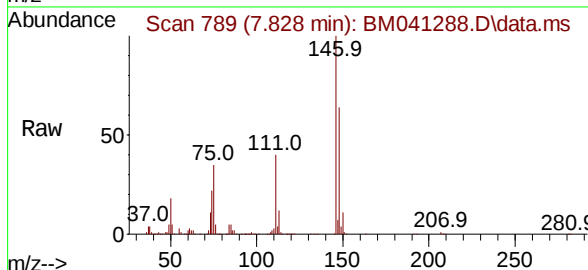




Scan 791 (7.840 min): BM041162.D\data.ms (-7837) (-)
 1,4-Dichlorobenzene
 Concen: 45.821 ng
 RT: 7.828 min Scan# 13
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

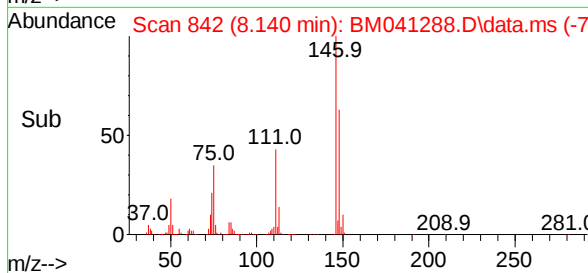
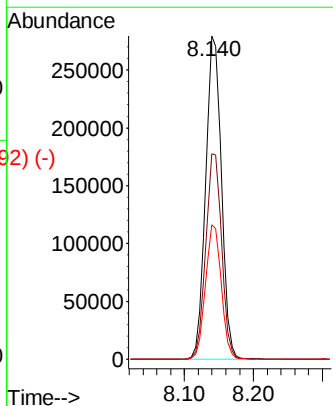
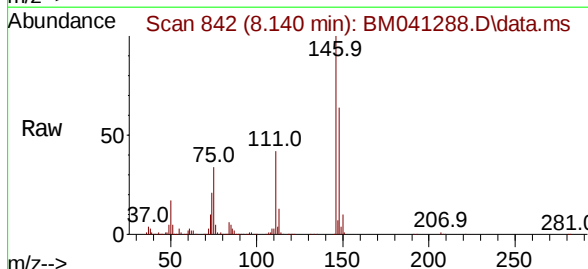
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

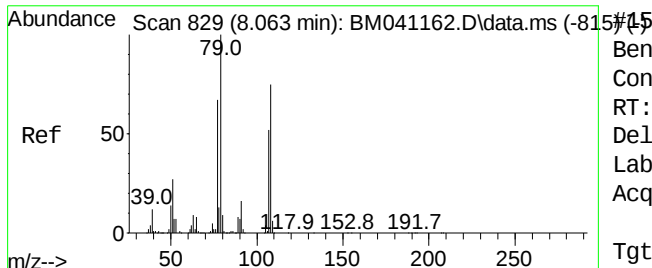
Tgt Ion:	146	Resp:	453935
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.1	32.4	48.6



Scan 845 (8.157 min): BM041162.D\data.ms (-8377) (-)
 1,2-Dichlorobenzene
 Concen: 46.656 ng
 RT: 8.140 min Scan# 842
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	146	Resp:	443183
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	41.6	33.8	50.6

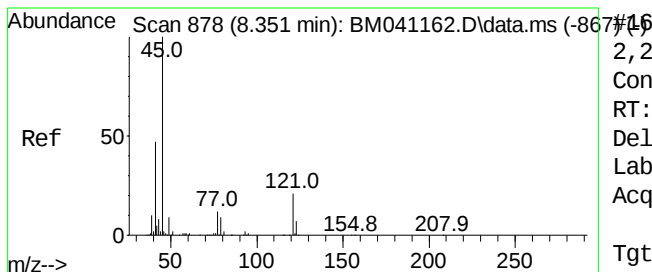
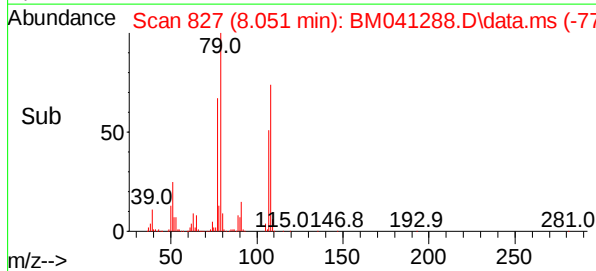
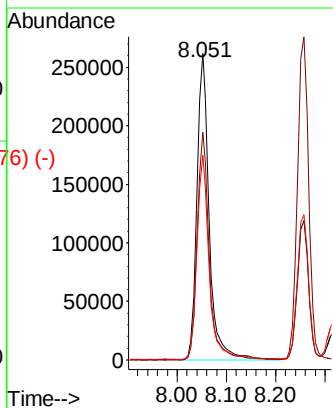
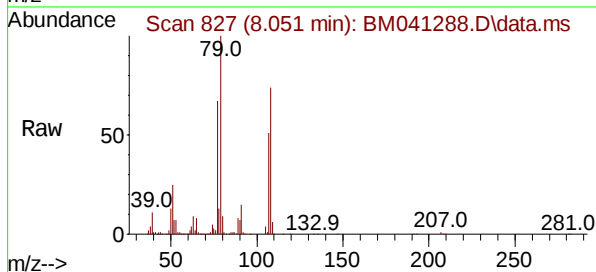




Benzyl Alcohol
Concen: 58.337 ng
RT: 8.051 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

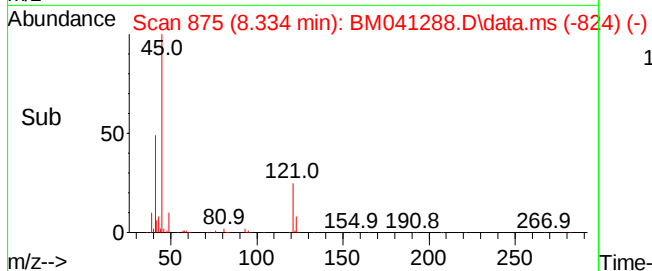
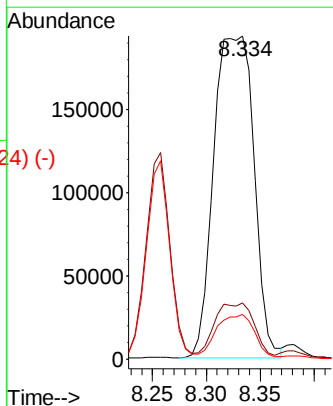
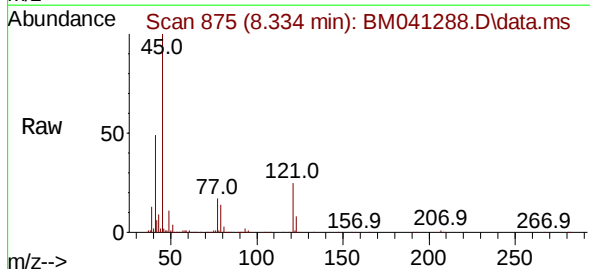
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

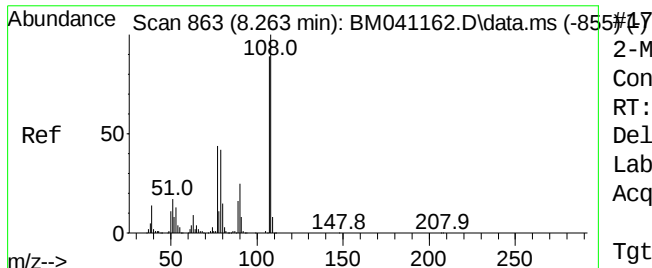
Tgt Ion:	79	Resp:	442929
Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.8	89.8
77	66.8	53.8	80.6



2,2'-oxybis(1-Chloropropane)
Concen: 40.159 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	45	Resp:	502948
Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	34.5
79	13.8	0.0	32.1





2-Methylphenol

Concen: 48.409 ng

RT: 8.257 min Scan# 817

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:107 Resp: 384045

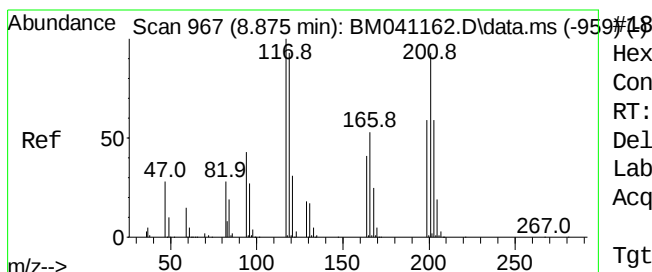
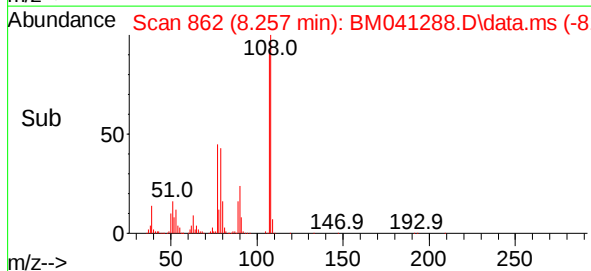
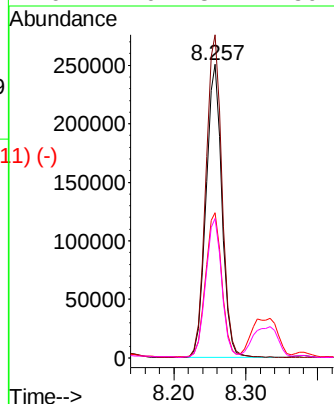
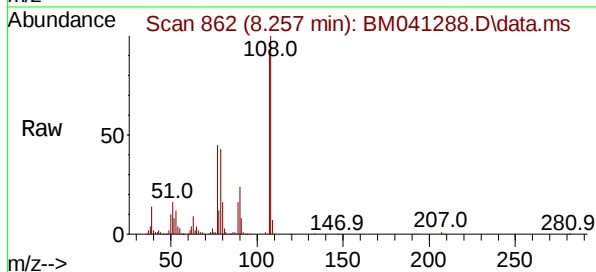
Ion Ratio Lower Upper

107 100

108 110.1 89.9 134.9

77 49.5 39.8 59.8

79 47.6 37.7 56.5



Hexachloroethane

Concen: 45.774 ng

RT: 8.857 min Scan# 964

Delta R.T. -0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

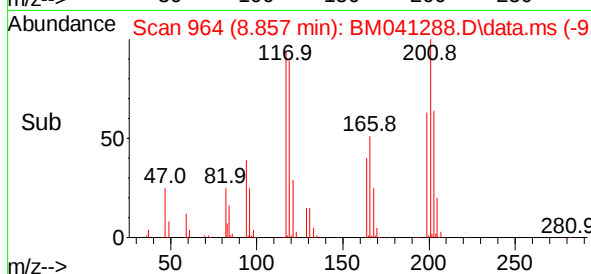
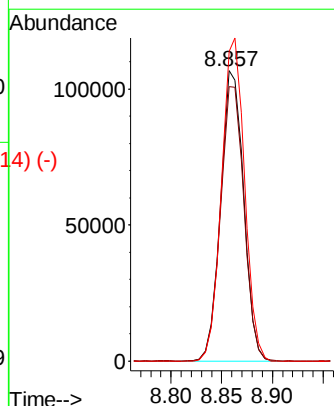
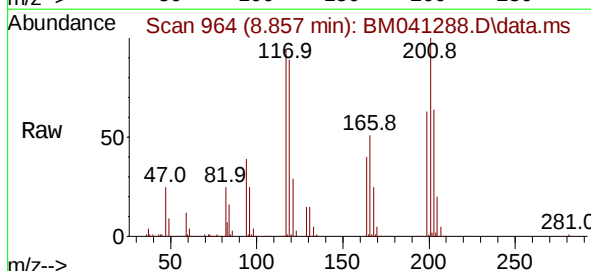
Tgt Ion:117 Resp: 168826

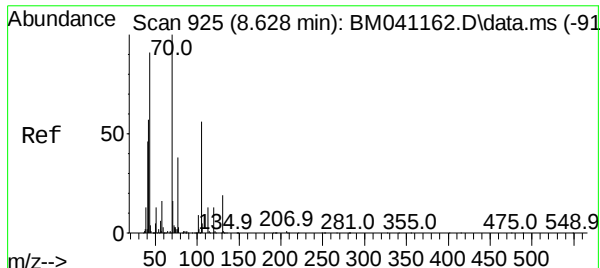
Ion Ratio Lower Upper

117 100

119 94.4 74.2 111.4

201 106.6 74.5 111.7

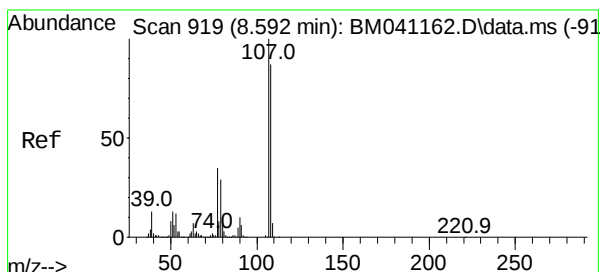
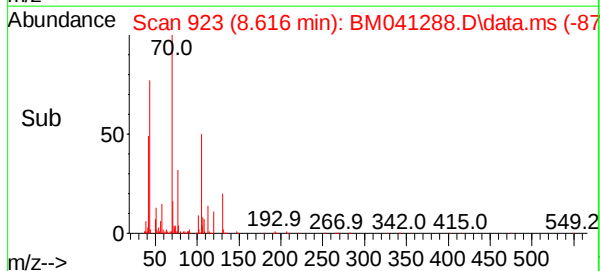
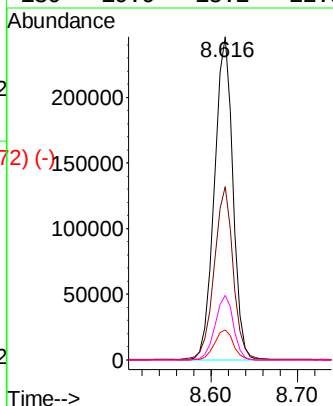
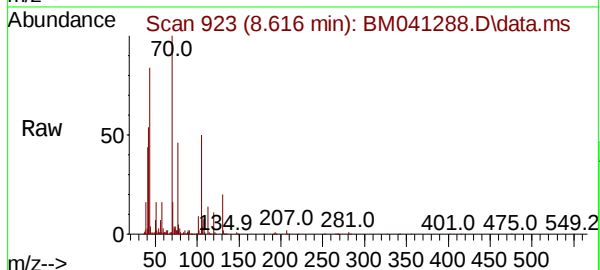




#19
n-Nitroso-di-n-propylamine
Concen: 50.482 ng
RT: 8.616 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

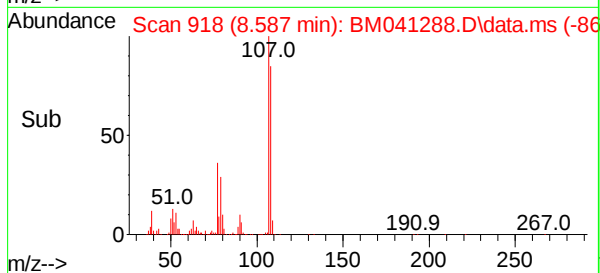
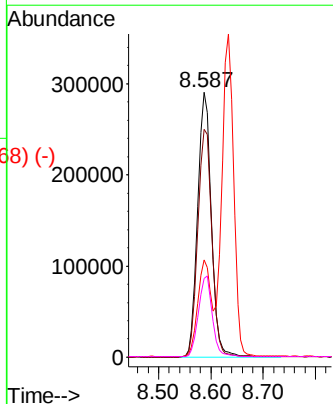
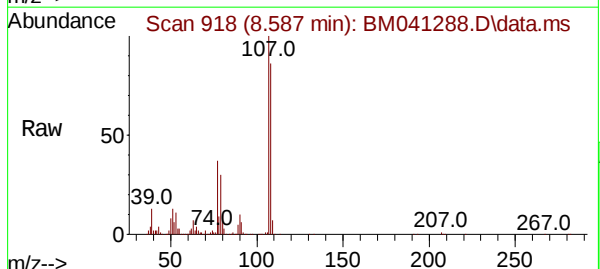
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

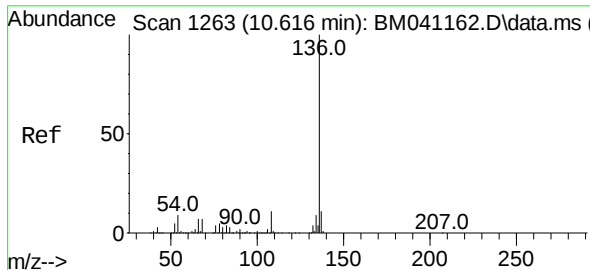
Tgt Ion:	70	Resp:	368649
Ion	Ratio	Lower	Upper
70	100		
42	53.6	45.8	68.8
101	9.4	7.4	11.0
130	19.9	15.2	22.8



#20
3+4-Methylphenols
Concen: 49.793 ng
RT: 8.587 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	107	Resp:	528165
Ion	Ratio	Lower	Upper
107	100		
108	85.8	67.2	107.2
77	36.6	15.4	55.4
79	29.7	9.2	49.2

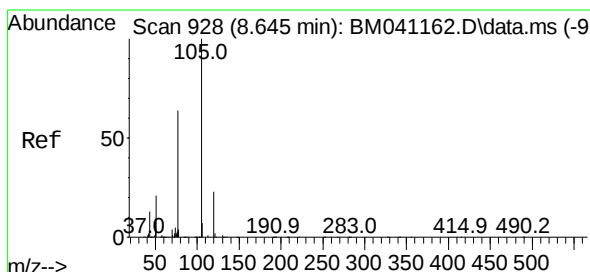
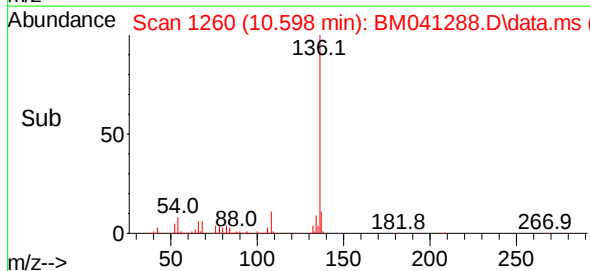
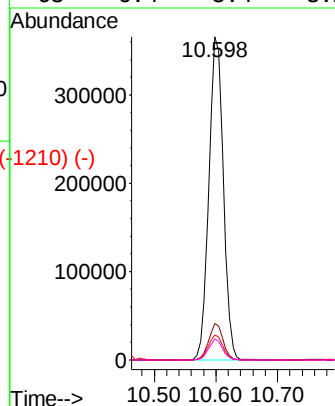
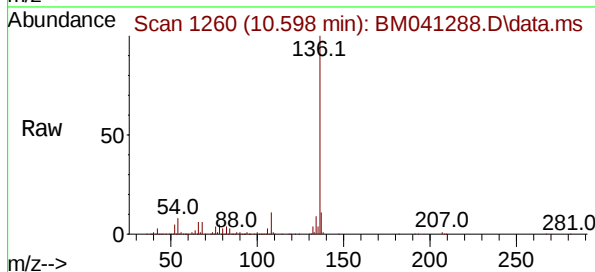




Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

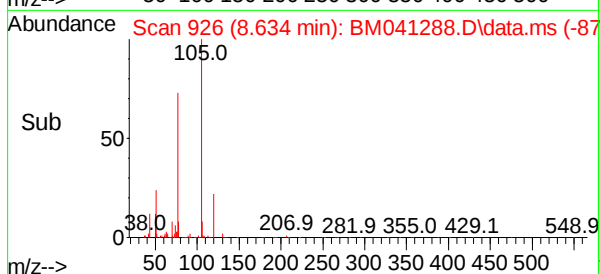
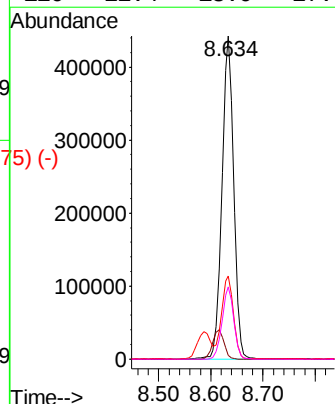
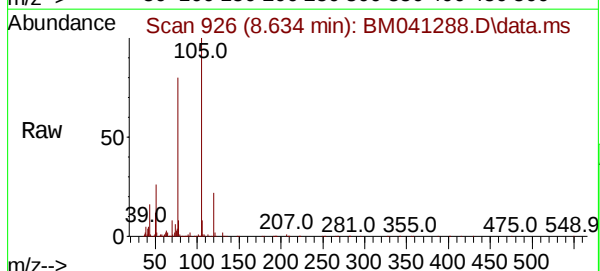
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

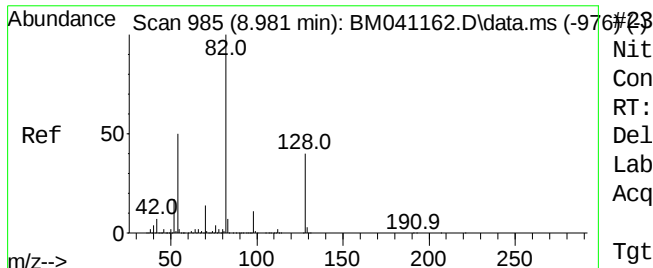
Tgt Ion:	136	Resp:	595846
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	6.9	10.3
68	6.4	5.4	8.2



Acetophenone
Concen: 43.943 ng
RT: 8.634 min Scan# 926
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	105	Resp:	693447
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8#
51	25.7	22.0	33.0
120	22.4	18.0	27.0

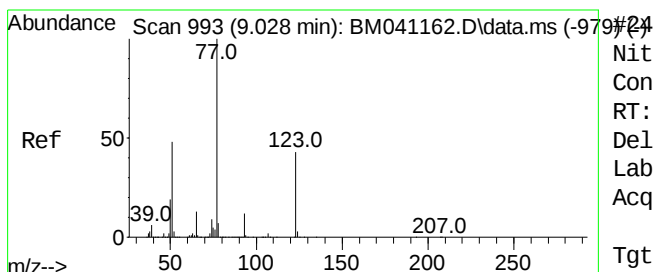
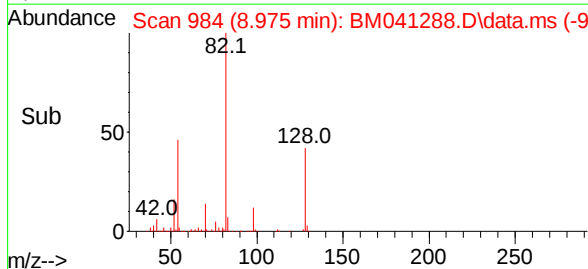
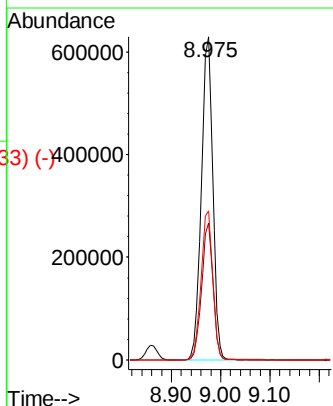
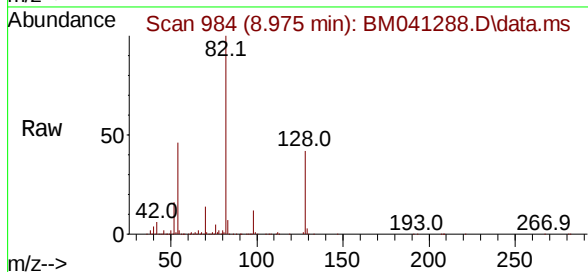




#23
Nitrobenzene-d5
Concen: 79.451 ng
RT: 8.975 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

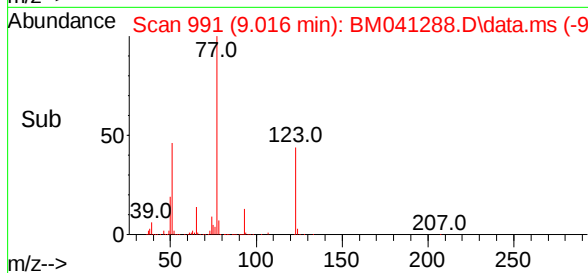
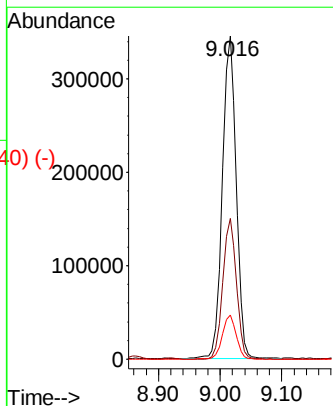
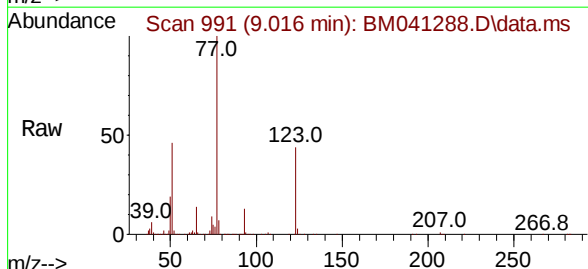
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	82	Resp:	1017971
Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.8	47.6
54	46.1	40.1	60.1



#24
Nitrobenzene
Concen: 41.472 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	77	Resp:	537362
Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.2	51.2
65	13.6	10.7	16.1



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

Isophorone

Concen: 47.822 ng

RT: 9.539 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion: 82 Resp: 1040125

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 17.2 12.8 19.2

Abundance Scan 1080 (9.539 min): BM041288.D\data.ms

Ref

50

39.0 82.0 138.0 192.8 280.9

m/z-->

Abundance Scan 1080 (9.539 min): BM041288.D\data.ms

Raw

50

39.0 82.0 138.1 190.9 266.9 355.0

m/z-->

Abundance Scan 1080 (9.539 min): BM041288.D\data.ms (-10294)

Sub

50

39.0 82.0 138.1 192.9 280.9

m/z-->

Abundance

600000

9.539

400000

200000

0

Time-->

9.50 9.60 9.70

Abundance Scan 1113 (9.734 min): BM041162.D\data.ms (-11036)

2-Nitrophenol

Concen: 50.400 ng

RT: 9.722 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Tgt Ion:139 Resp: 255288

Ion Ratio Lower Upper

139 100

109 33.5 25.4 38.2

65 54.8 47.2 70.8

Abundance Scan 1111 (9.722 min): BM041288.D\data.ms

Ref

50

65.0 139.0 206.9 280.9

m/z-->

Abundance Scan 1111 (9.722 min): BM041288.D\data.ms

Raw

50

65.0 139.0 207.0 267.0 354.9

m/z-->

Abundance Scan 1111 (9.722 min): BM041288.D\data.ms (-10601)

Sub

50

65.0 139.0 207.0

m/z-->

Abundance

150000

9.722

100000

50000

0

Time-->

9.60 9.70 9.80 9.90

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

2,4-Dimethylphenol

Concen: 45.555 ng

RT: 9.787 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM041288.D

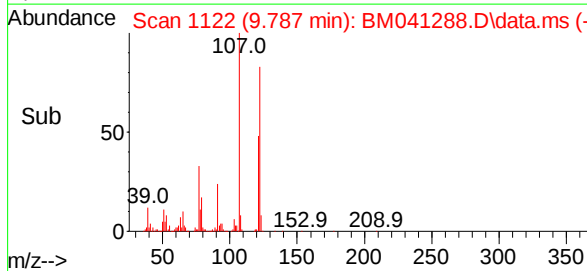
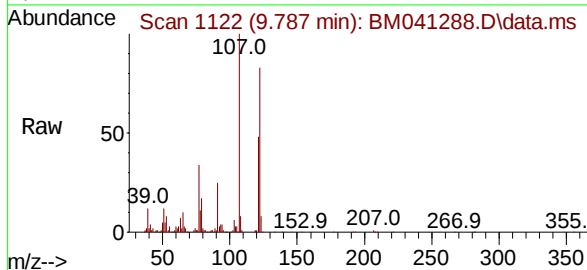
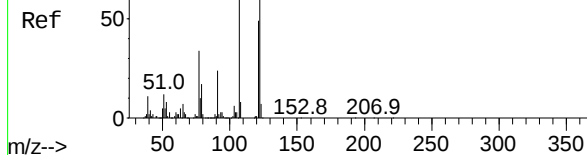
Acq: 04 Aug 2023 11:14

Instrument :

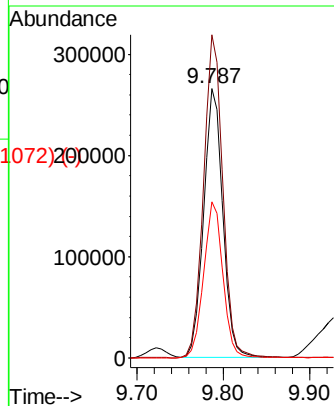
BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD



Tgt Ion:	122	Resp:	406036
Ion	Ratio	Lower	Upper
122	100		
107	119.9	94.3	141.5
121	57.8	45.8	68.8



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

bis(2-Chloroethoxy)methane

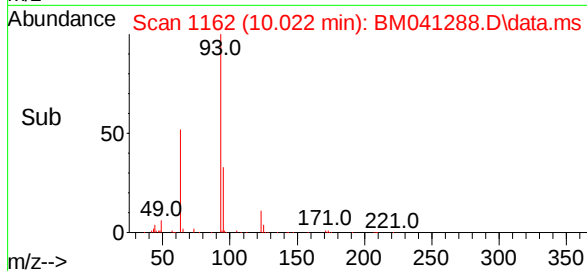
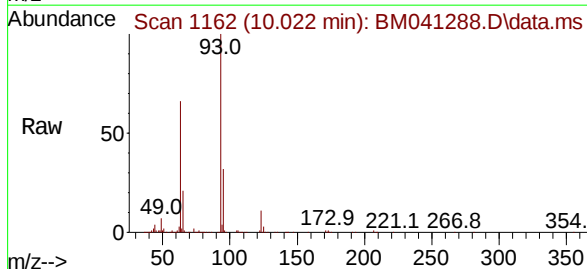
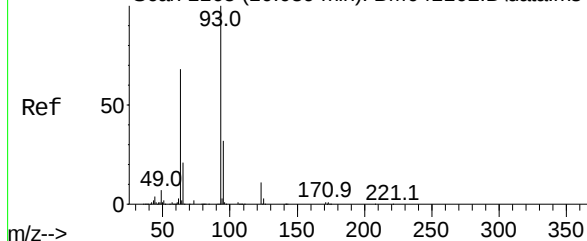
Concen: 44.231 ng

RT: 10.022 min Scan# 1162

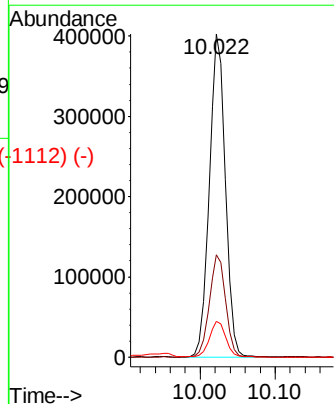
Delta R.T. -0.006 min

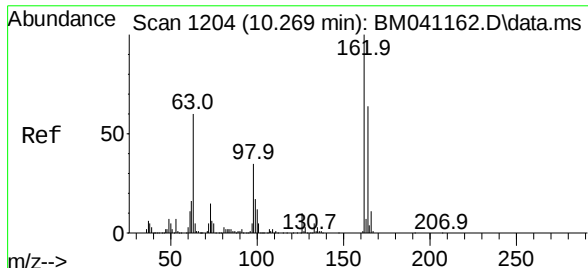
Lab File: BM041288.D

Acq: 04 Aug 2023 11:14



Tgt Ion:	93	Resp:	602601
Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.9	38.9
123	11.1	9.1	13.7

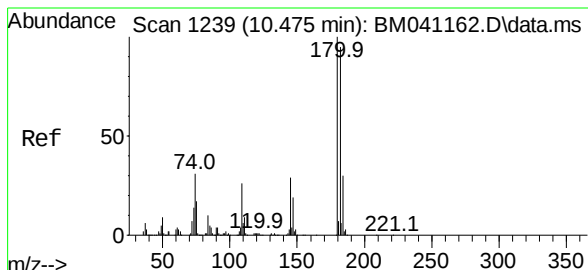
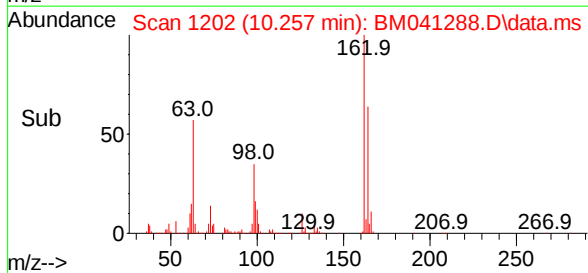
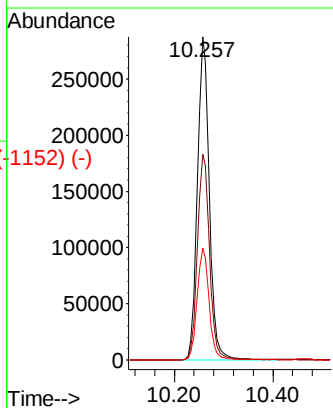
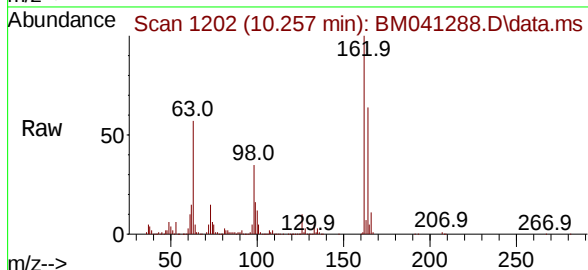




2,4-Dichlorophenol
 Concen: 52.953 ng
 RT: 10.257 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

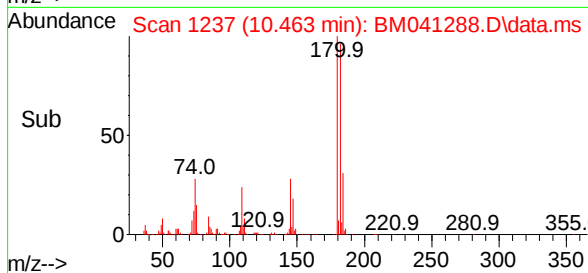
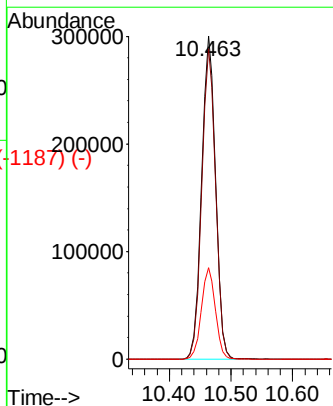
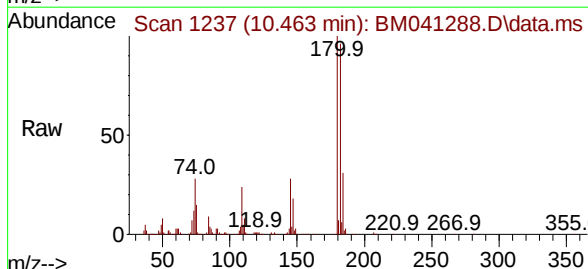
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

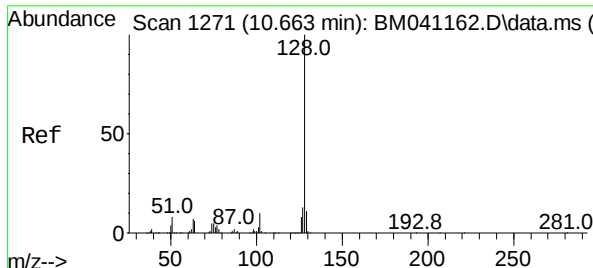
Tgt Ion:	162	Resp:	475971
Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	34.6	15.1	55.1



1,2,4-Trichlorobenzene
 Concen: 47.371 ng
 RT: 10.463 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	180	Resp:	470430
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	28.3	23.6	35.4

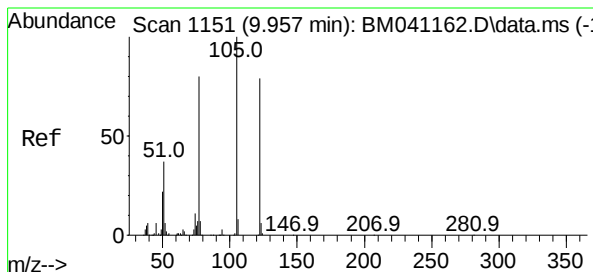
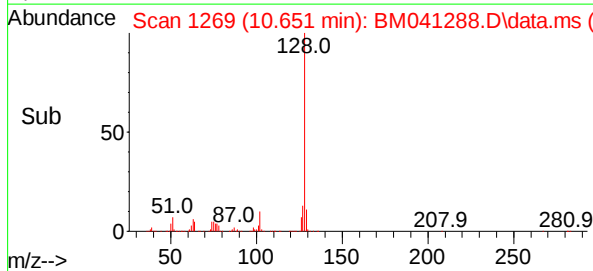
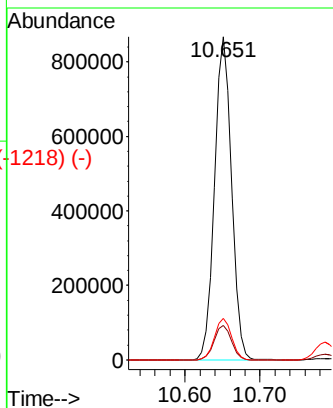
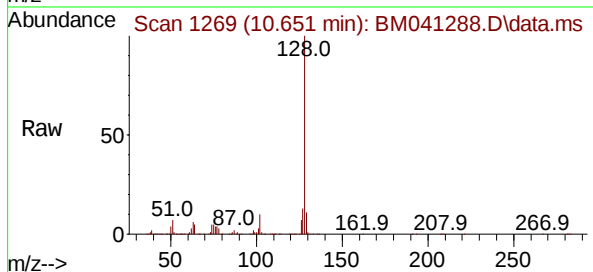




Scan 1271 (10.663 min): BM041162.D\data.ms (-128) (-)
 Naphthalene
 Concen: 42.023 ng
 RT: 10.651 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

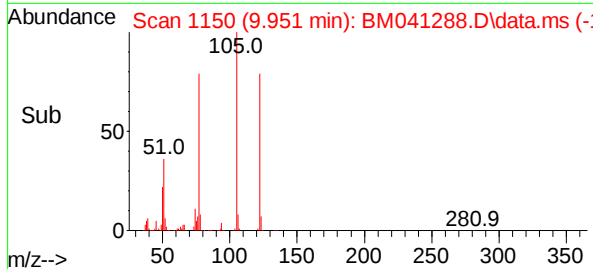
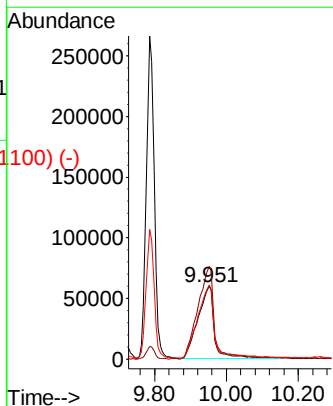
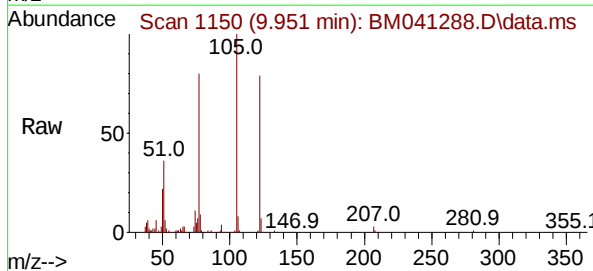
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	128	Resp:	1358785
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.9	10.5	15.7

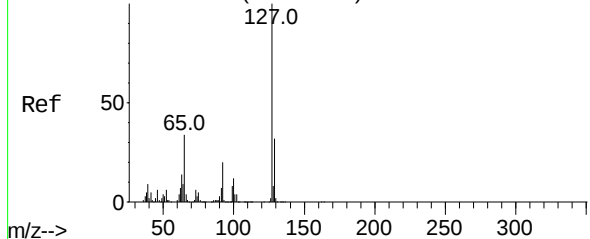


Scan 1151 (9.957 min): BM041162.D\data.ms (-122) (-)
 Benzoic acid
 Concen: 31.455 ng
 RT: 9.951 min Scan# 1150
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	122	Resp:	191166
Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.0	144.0
77	102.2	79.9	119.9



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



4-Chloroaniline

Concen: 8.377 ng

RT: 10.786 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:127 Resp: 108244

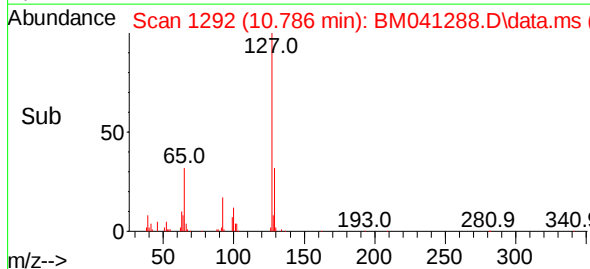
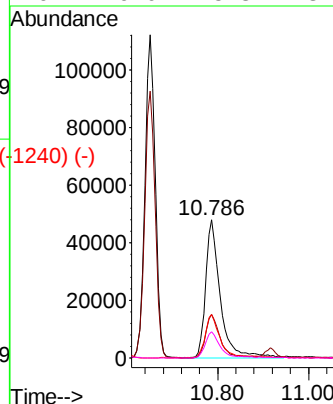
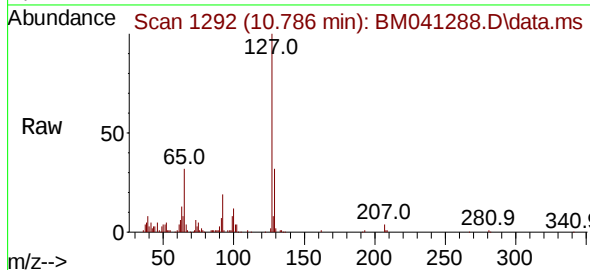
Ion Ratio Lower Upper

127 100

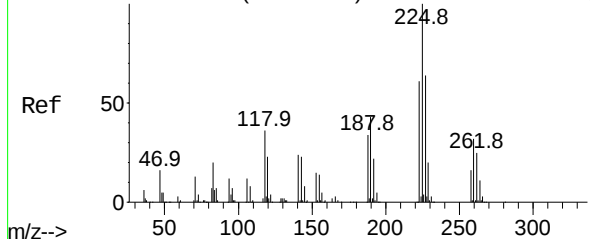
129 31.5 25.9 38.9

65 31.6 26.9 40.3

92 19.0 15.8 23.6



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



Hexachlorobutadiene

Concen: 48.182 ng

RT: 10.916 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

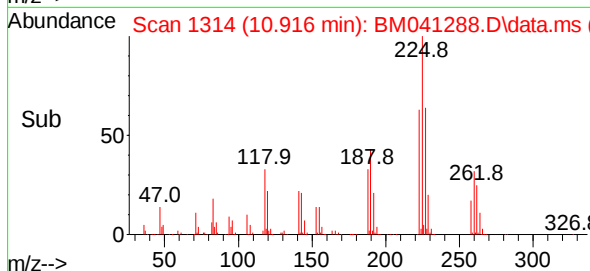
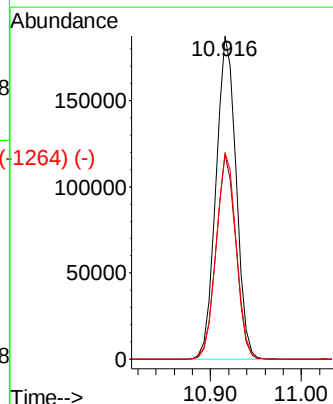
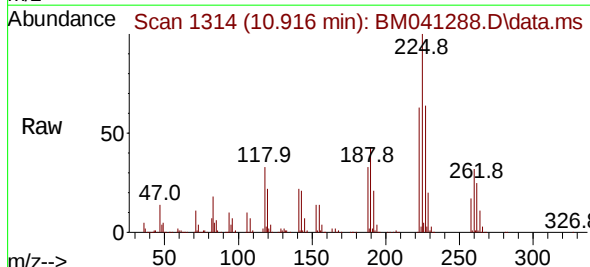
Tgt Ion:225 Resp: 287781

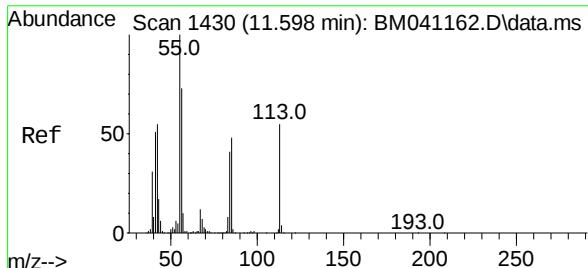
Ion Ratio Lower Upper

225 100

223 63.4 49.0 73.4

227 64.0 50.8 76.2

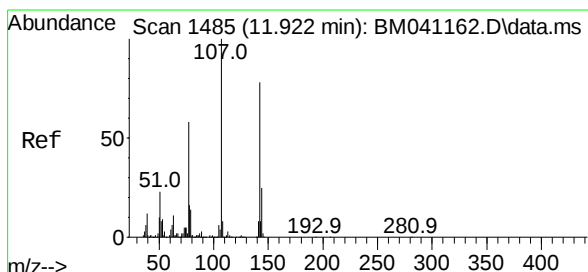
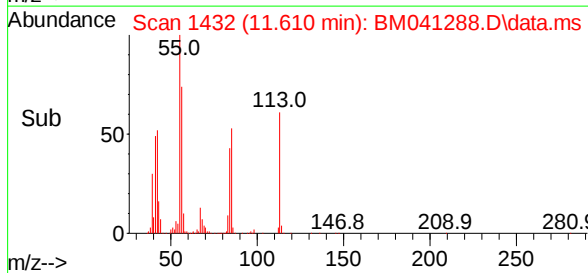
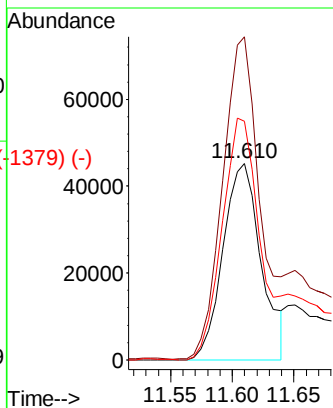
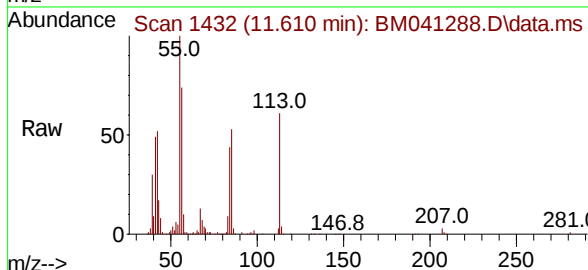




Caprolactam
Concen: 37.345 ng
RT: 11.610 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

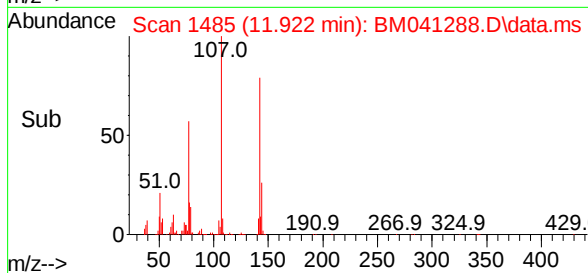
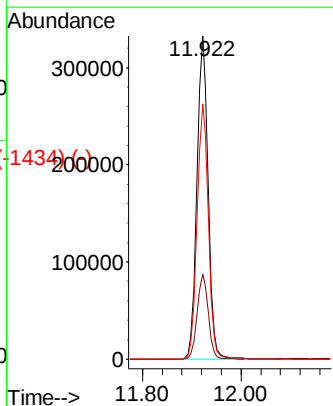
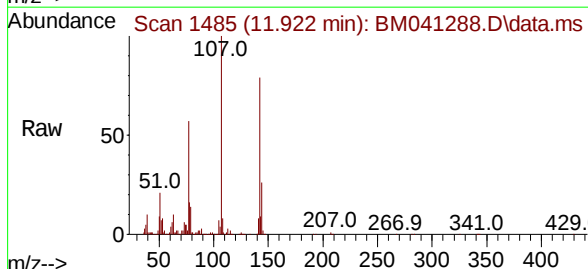
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	113	Resp:	97104
Ion	Ratio	Lower	Upper
113	100		
55	164.3	162.5	202.5
56	121.4	114.1	154.1

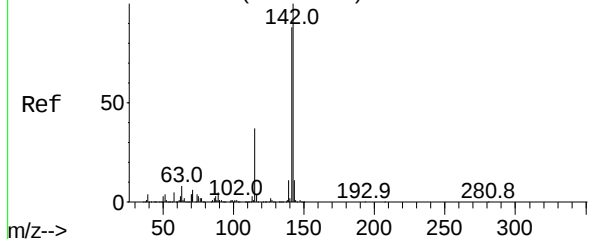


4-Chloro-3-methylphenol
Concen: 54.521 ng
RT: 11.922 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	107	Resp:	515797
Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.1	30.1
142	79.1	62.2	93.4



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



2-Methylnaphthalene

Concen: 45.024 ng

RT: 12.269 min Scan# 1537

Delta R.T. -0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:142 Resp: 981474

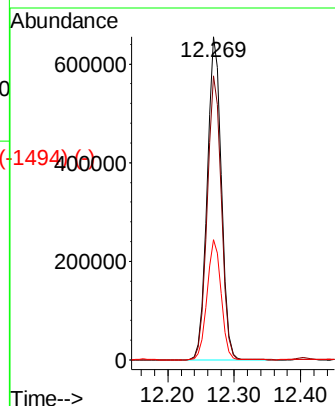
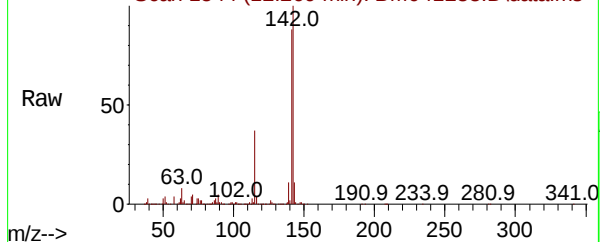
Ion Ratio Lower Upper

142 100

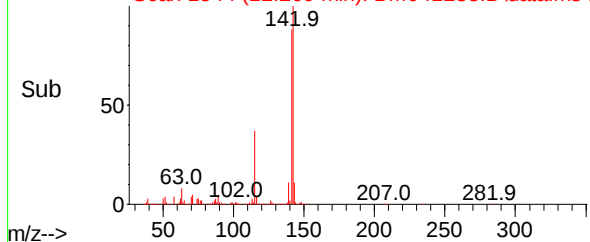
141 87.8 70.7 106.1

115 37.3 29.3 43.9

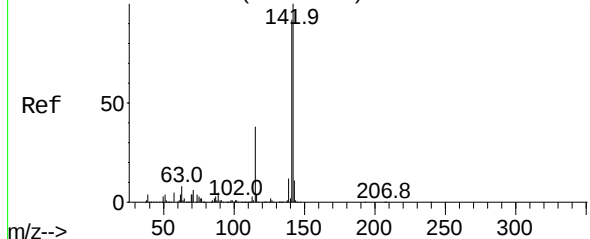
Abundance Scan 1544 (12.269 min): BM041288.D\data.ms



Abundance Scan 1544 (12.269 min): BM041288.D\data.ms (-1494) (-)



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



1-Methylnaphthalene

Concen: 46.271 ng

RT: 12.492 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Tgt Ion:142 Resp: 944053

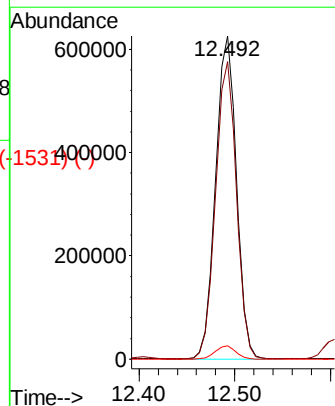
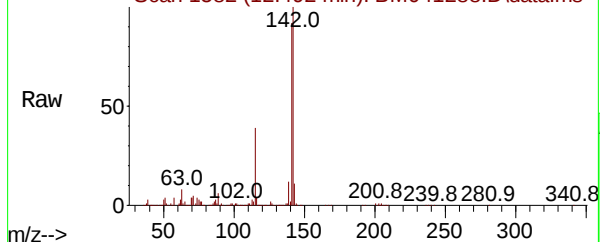
Ion Ratio Lower Upper

142 100

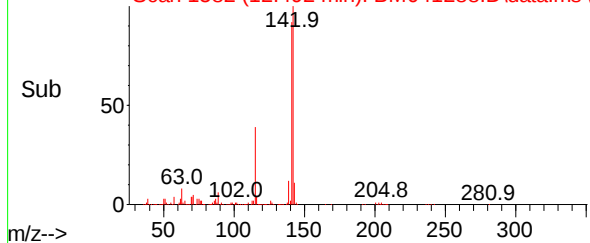
141 92.1 73.4 110.2

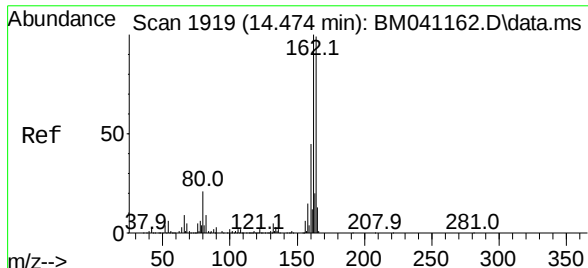
116 4.1 3.2 4.8

Abundance Scan 1582 (12.492 min): BM041288.D\data.ms



Abundance Scan 1582 (12.492 min): BM041288.D\data.ms (-1531) (-)

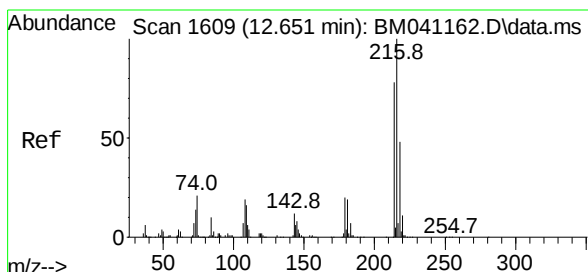
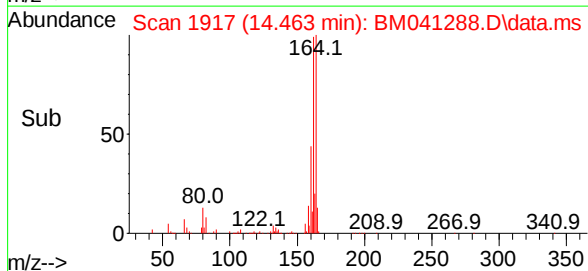
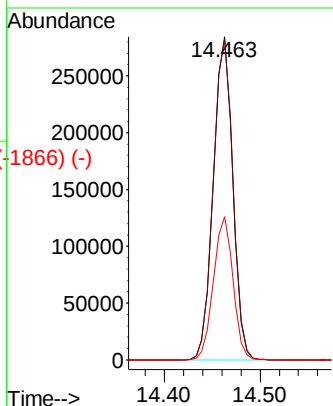
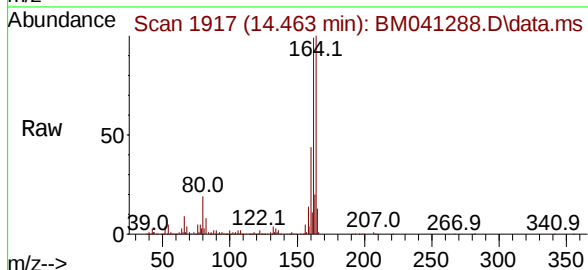




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

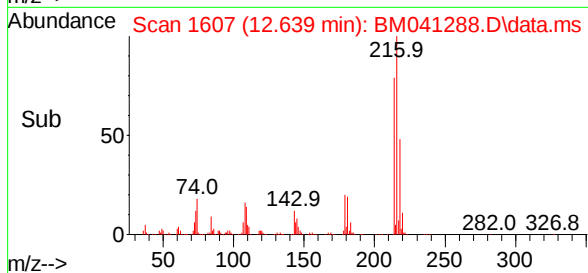
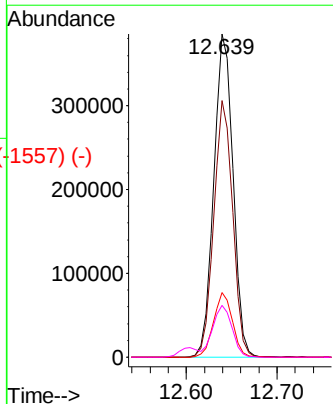
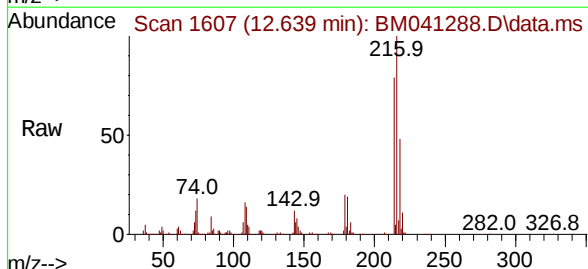
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	164	Resp:	398305
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.4	120.6
160	44.4	36.2	54.2



1,2,4,5-Tetrachlorobenzene
 Concen: 43.792 ng
 RT: 12.639 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	216	Resp:	566386
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.2	94.8
179	19.7	16.2	24.2
108	16.0	17.0	25.4#



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

Hexachlorocyclopentadiene

Concen: 71.741 ng

RT: 12.604 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BM041288.D

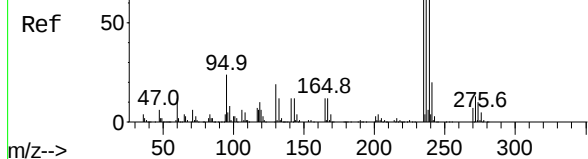
Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD



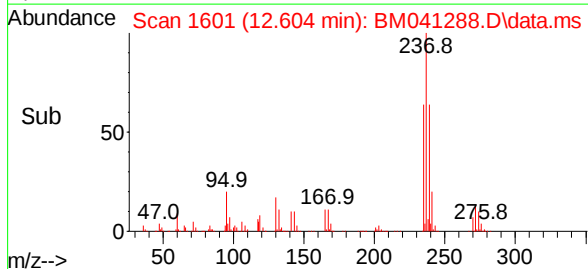
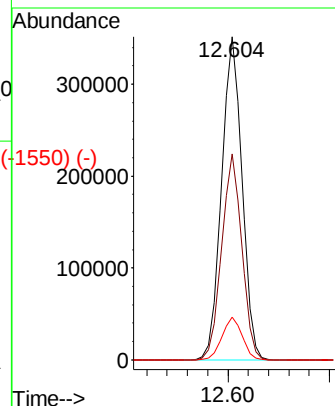
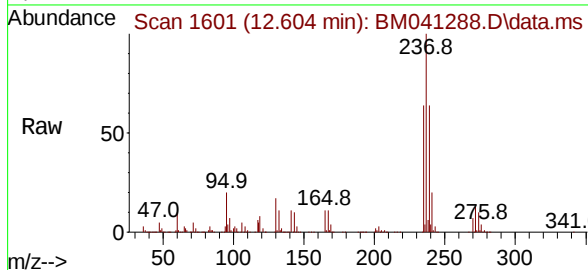
Tgt Ion:237 Resp: 490879

Ion Ratio Lower Upper

237 100

235 63.7 43.6 83.6

272 13.2 0.0 33.3



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2122) (-)

2,4,6-Tribromophenol

Concen: 149.455 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

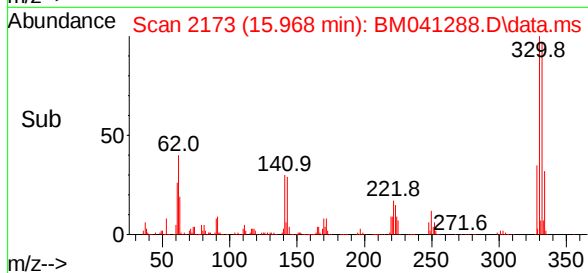
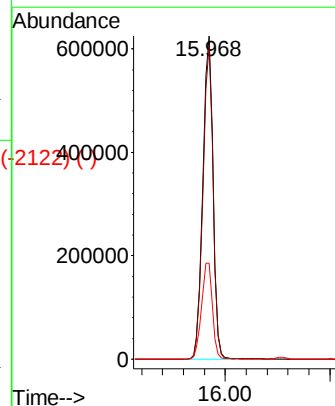
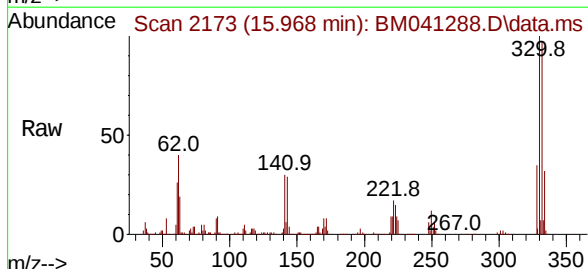
Tgt Ion:330 Resp: 842000

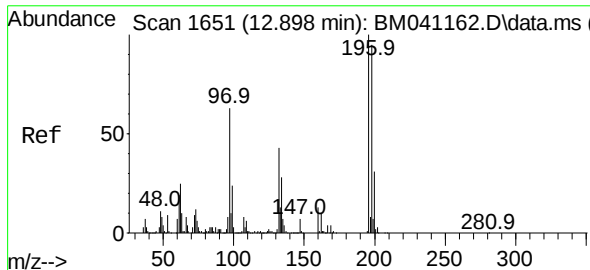
Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 31.3 28.3 42.5

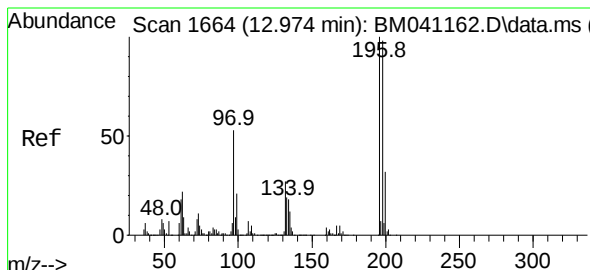
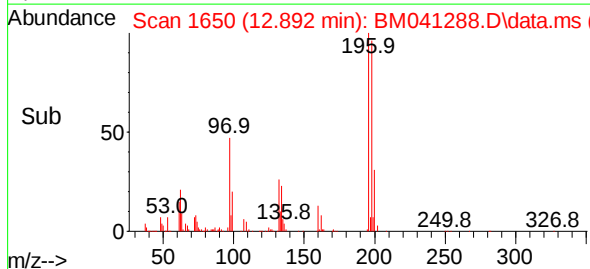
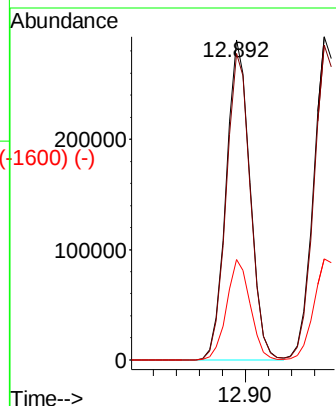
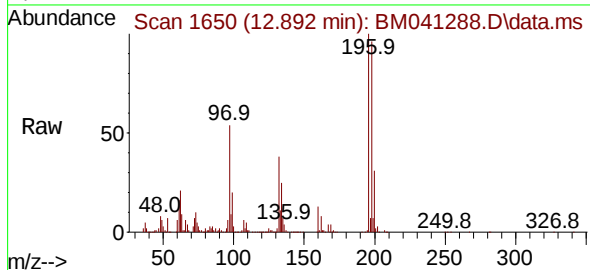




2,4,6-Trichlorophenol
Concen: 50.304 ng
RT: 12.892 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

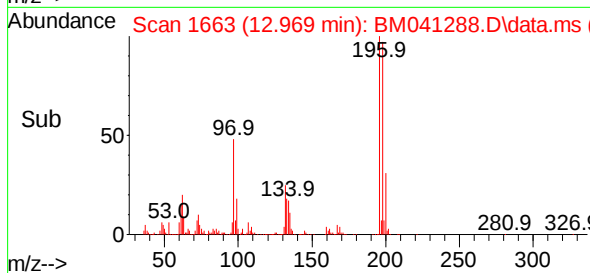
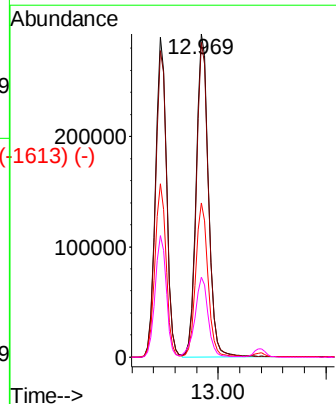
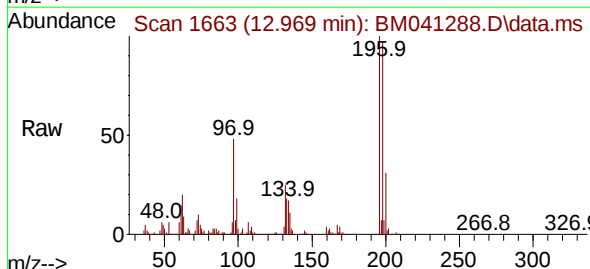
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	196	Resp:	416995
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.4
200	31.3	24.6	36.8

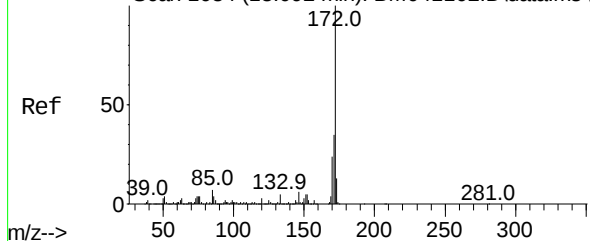


2,4,5-Trichlorophenol
Concen: 47.777 ng
RT: 12.969 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	196	Resp:	458399
Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.4
97	47.7	42.7	64.1
132	24.7	21.6	32.4



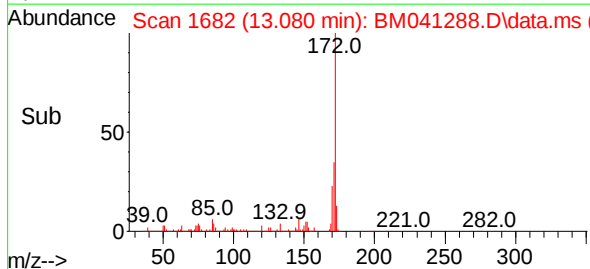
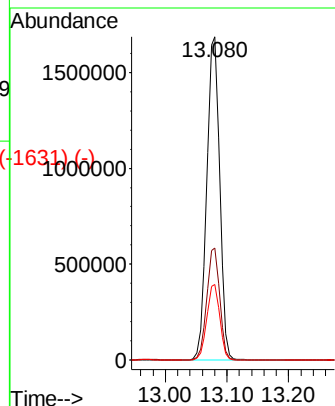
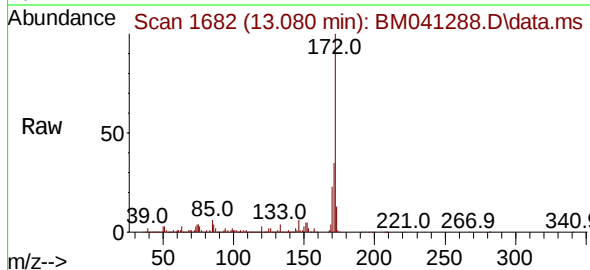
Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)



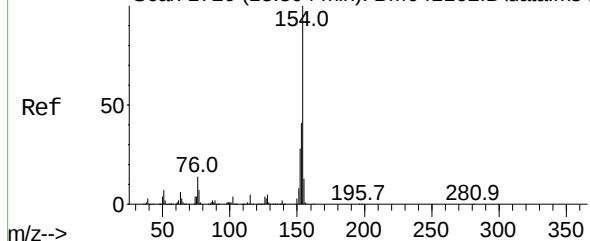
2-Fluorobiphenyl
Concen: 77.561 ng
RT: 13.080 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	172	Resp:	2445506
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.4	18.9	28.3

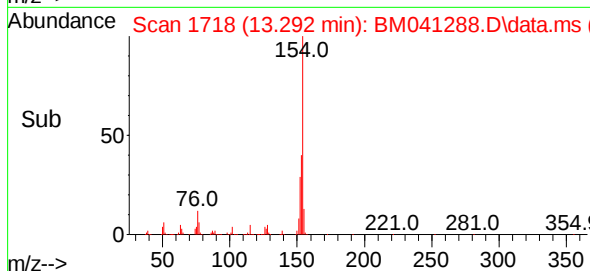
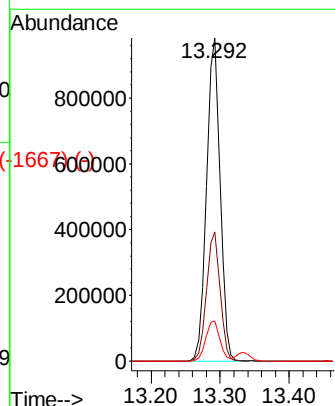
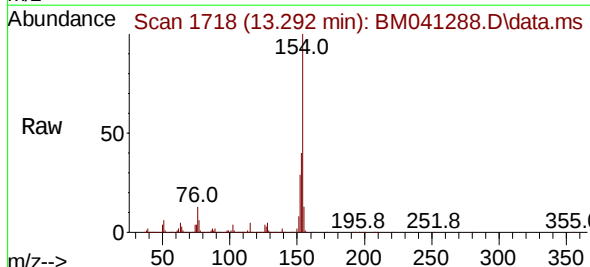


Abundance Scan 1720 (13.304 min): BM041162.D\data.ms (-1745) (-)

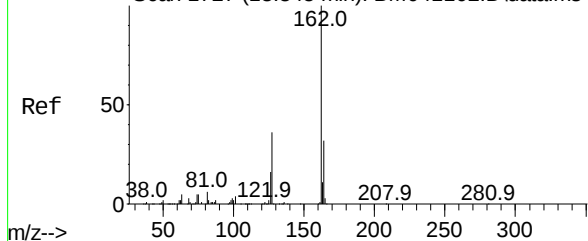


1,1'-Biphenyl
Concen: 41.658 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	154	Resp:	1345157
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	12.5	0.0	34.1



Abundance Scan 1727 (13.345 min): BM041162.D\data.ms (-1748) (-)



2-Chloronaphthalene

Concen: 44.088 ng

RT: 13.333 min Scan#

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNALM

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:162 Resp: 1062963

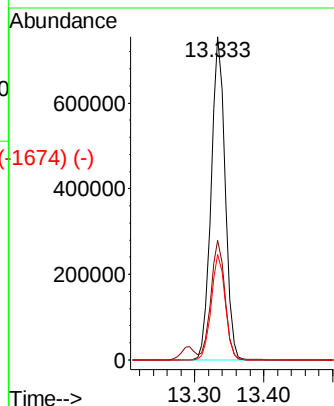
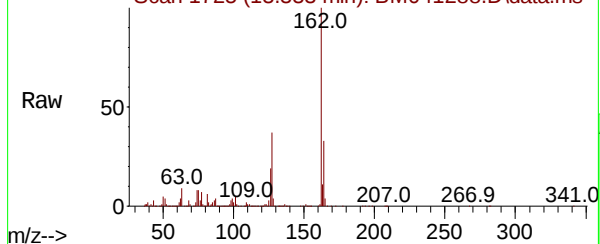
Ion Ratio Lower Upper

162 100

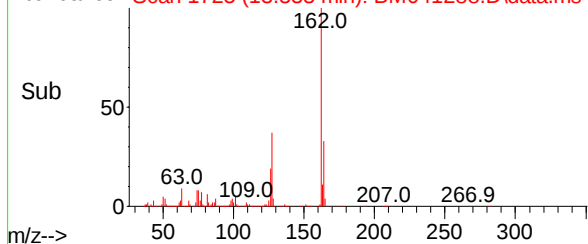
127 37.0 30.6 45.8

164 32.6 25.6 38.4

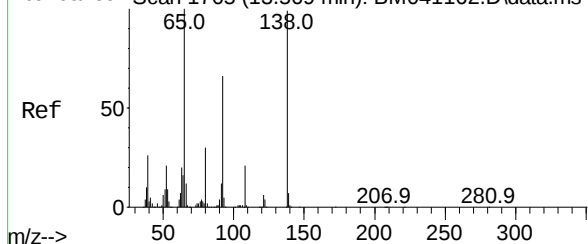
Abundance Scan 1725 (13.333 min): BM041288.D\data.ms



Abundance Scan 1725 (13.333 min): BM041288.D\data.ms (-1674) (-)



Abundance Scan 1765 (13.569 min): BM041162.D\data.ms (-1748) (-)



2-Nitroaniline

Concen: 47.809 ng

RT: 13.557 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Tgt Ion: 65 Resp: 367938

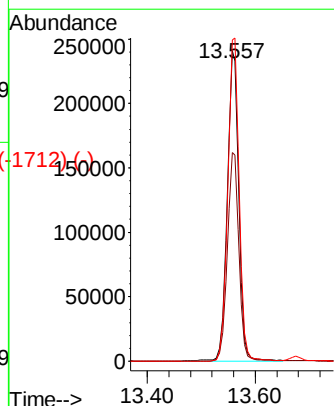
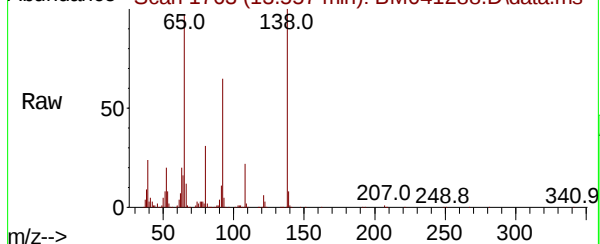
Ion Ratio Lower Upper

65 100

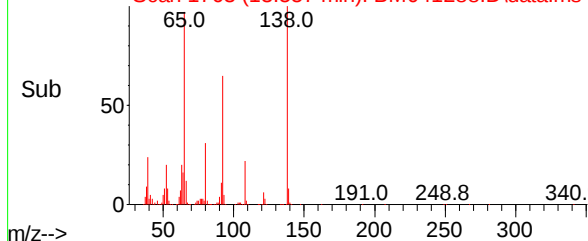
92 67.2 53.0 79.4

138 103.6 79.1 118.7

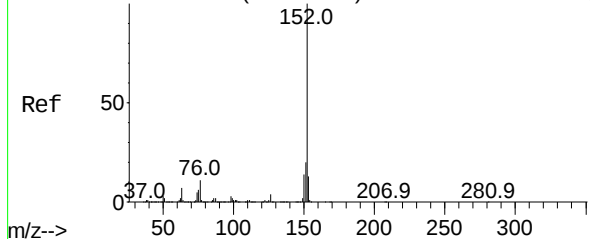
Abundance Scan 1763 (13.557 min): BM041288.D\data.ms



Abundance Scan 1763 (13.557 min): BM041288.D\data.ms (-1712) (-)



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



Acenaphthylene

Concen: 44.854 ng

RT: 14.186 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNM

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

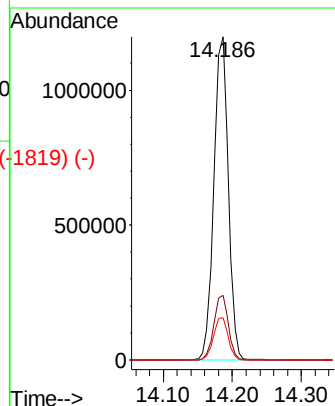
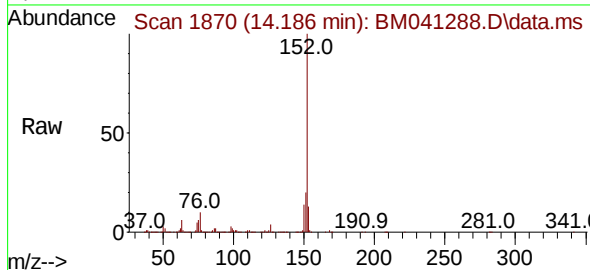
Tgt Ion:152 Resp: 1745534

Ion Ratio Lower Upper

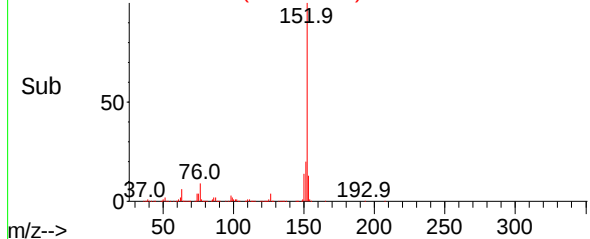
152 100

151 19.9 16.1 24.1

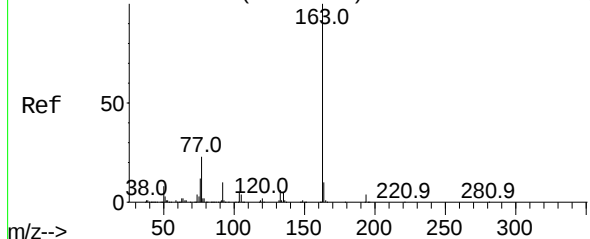
153 13.0 10.5 15.7



Abundance Scan 1870 (14.186 min): BM041288.D\data.ms (-1819) (-)



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



Dimethylphthalate

Concen: 48.989 ng

RT: 13.933 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

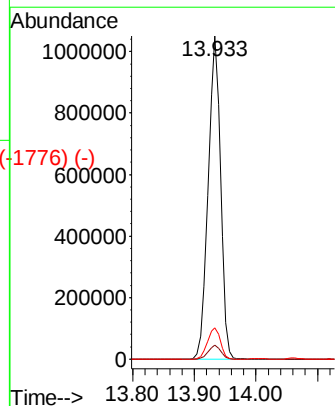
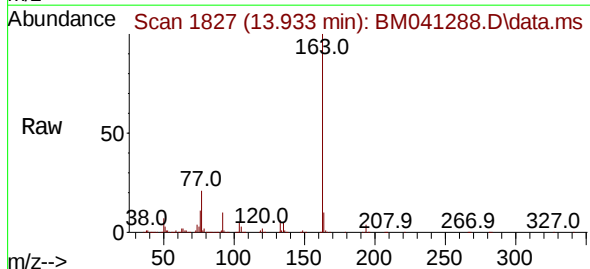
Tgt Ion:163 Resp: 1467779

Ion Ratio Lower Upper

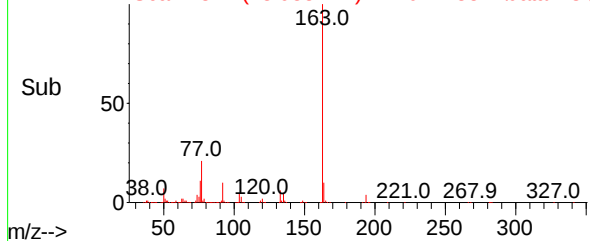
163 100

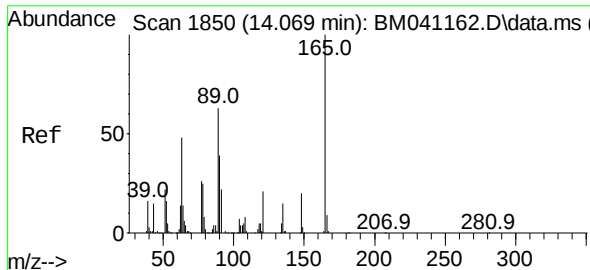
194 4.3 3.3 4.9

164 9.8 8.3 12.5



Abundance Scan 1827 (13.933 min): BM041288.D\data.ms (-1776) (-)

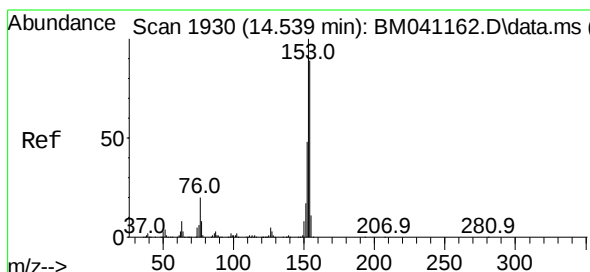
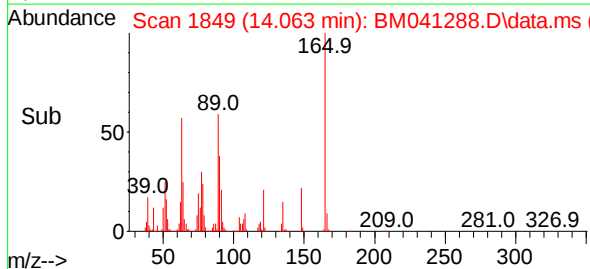
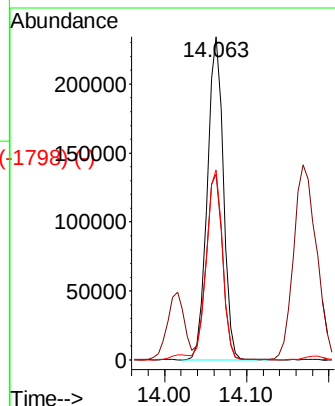
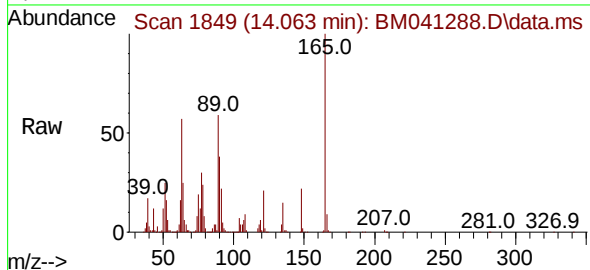




2,6-Dinitrotoluene
Concen: 50.941 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

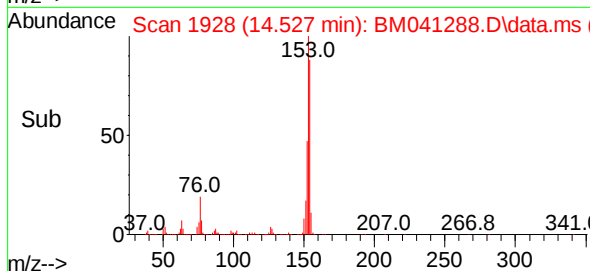
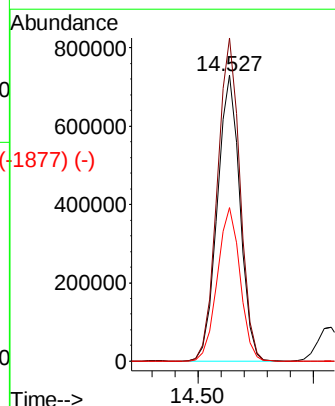
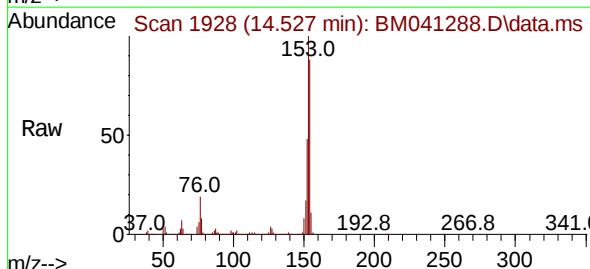
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

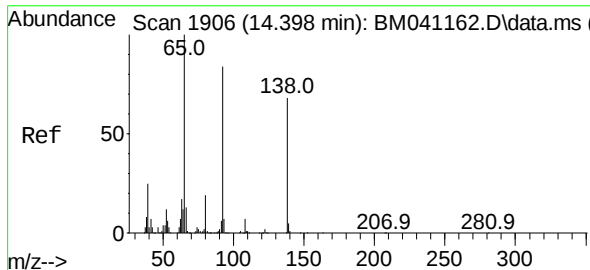
Tgt Ion:	165	Resp:	316239
Ion	Ratio	Lower	Upper
165	100		
63	57.4	50.9	76.3
89	58.8	50.6	76.0



Acenaphthene
Concen: 42.640 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	154	Resp:	999647
Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.4
152	53.7	43.4	65.0

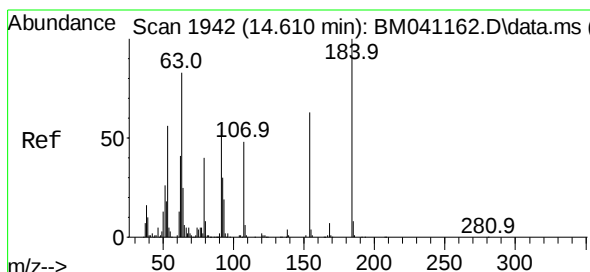
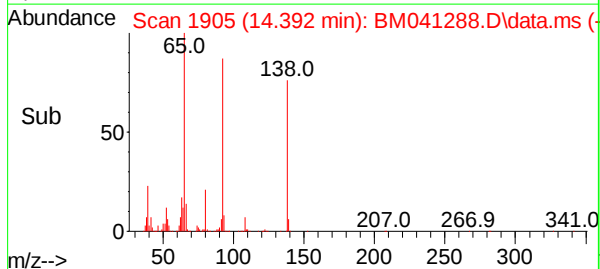
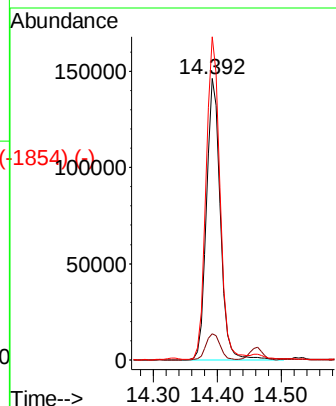
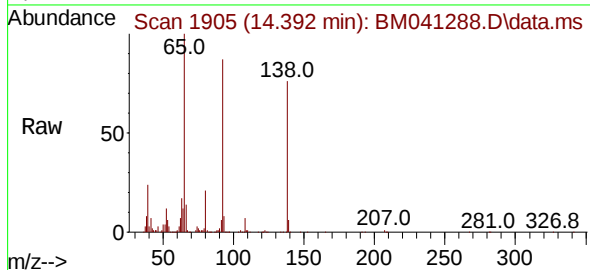




3-Nitroaniline
 Concen: 31.278 ng
 RT: 14.392 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

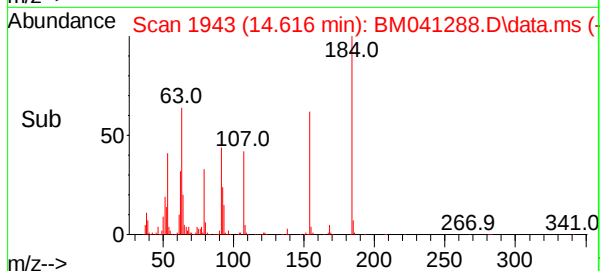
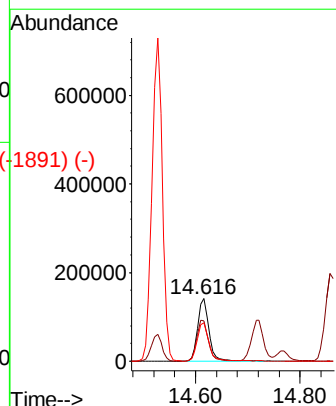
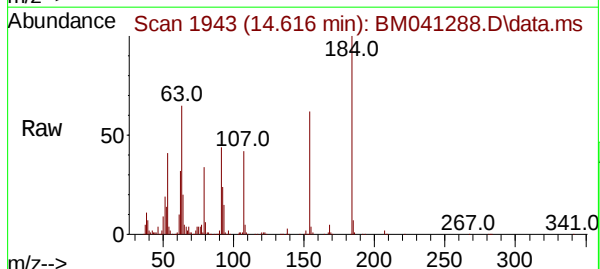
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

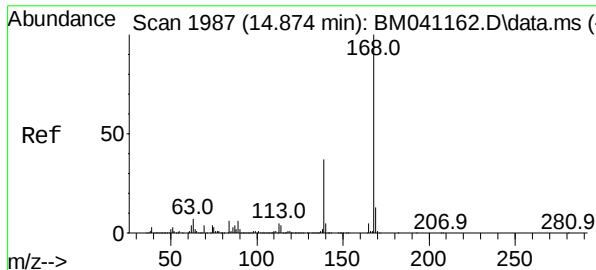
Tgt Ion:	138	Resp:	217876
Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.6	11.4
92	114.9	98.9	148.3



2,4-Dinitrophenol
 Concen: 51.705 ng
 RT: 14.616 min Scan# 1943
 Delta R.T. 0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	184	Resp:	207429
Ion	Ratio	Lower	Upper
184	100		
63	64.6	66.5	99.7#
154	61.9	52.8	79.2



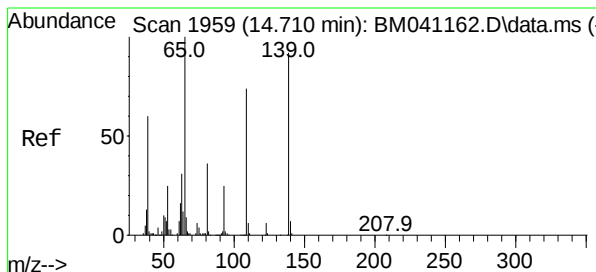
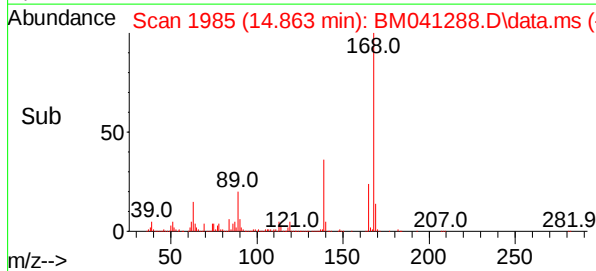
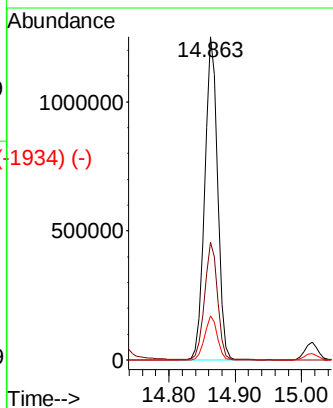
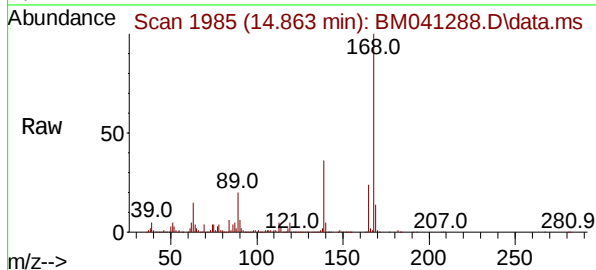


Scan 1987 (14.874 min): BM041162.D\data.ms (-1955) (-)
 Dibenzo-furan
 Concen: 44.504 ng
 RT: 14.863 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:168 Resp: 1702267

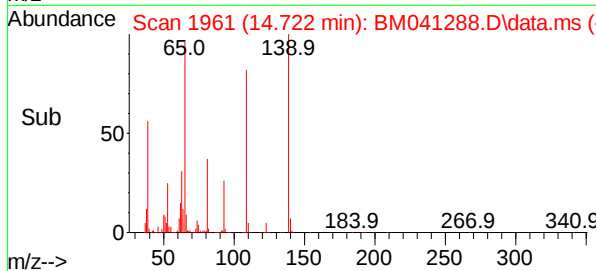
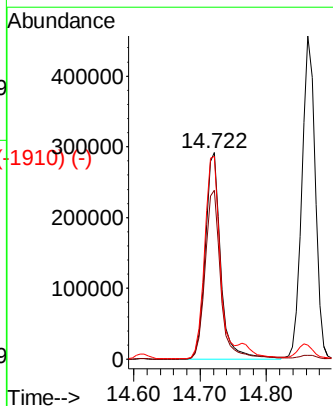
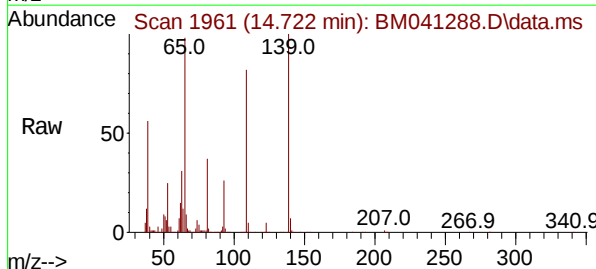
Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.8	44.6
169	13.6	10.5	15.7

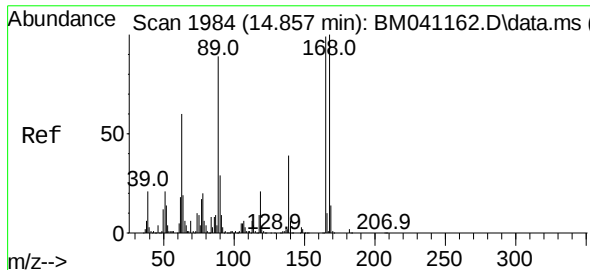


Scan 1959 (14.710 min): BM041162.D\data.ms (-1955) (-)
 4-Nitrophenol
 Concen: 92.059 ng
 RT: 14.722 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:139 Resp: 476298

Ion	Ratio	Lower	Upper
139	100		
109	81.7	61.2	101.2
65	98.1	89.5	129.5

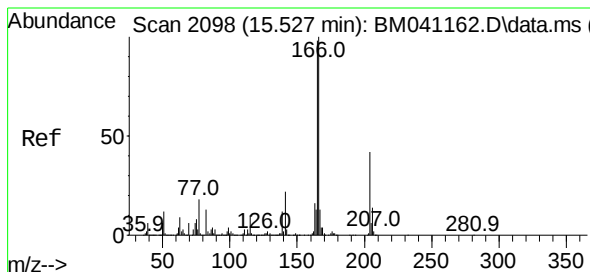
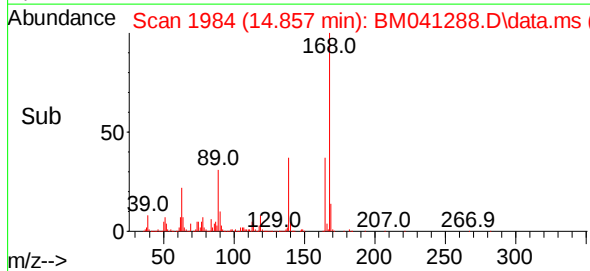
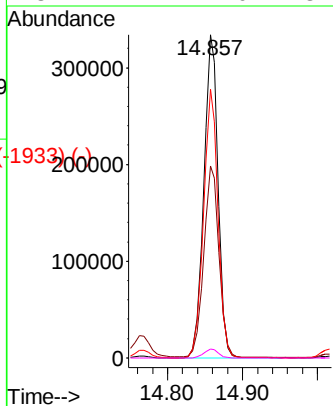
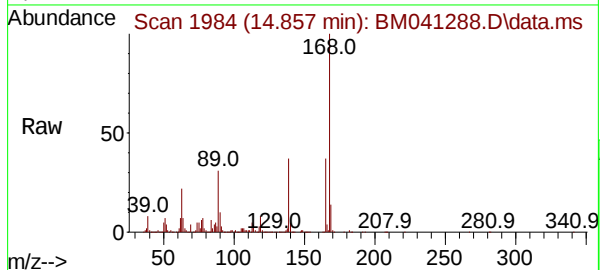




2,4-Dinitrotoluene
Concen: 50.367 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

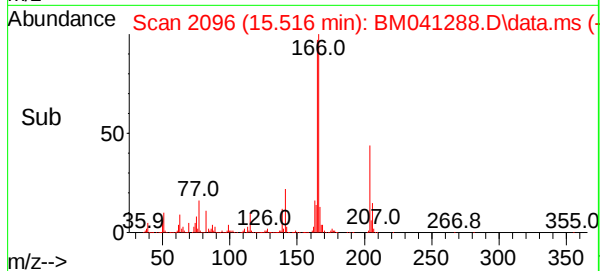
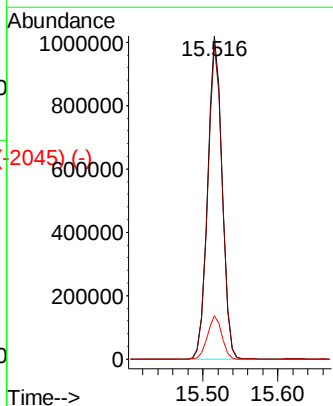
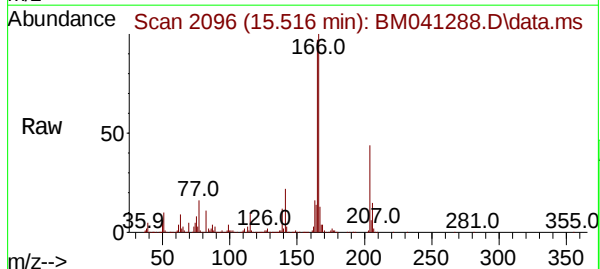
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	165	Resp:	447753
Ion	Ratio	Lower	Upper
165	100		
63	59.3	48.3	72.5
89	83.1	71.8	107.8
182	2.7	2.0	3.0



Fluorene
Concen: 45.878 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

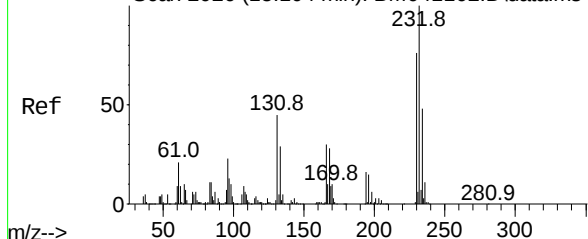
Tgt Ion:	166	Resp:	1384358
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.4
167	13.4	10.6	16.0



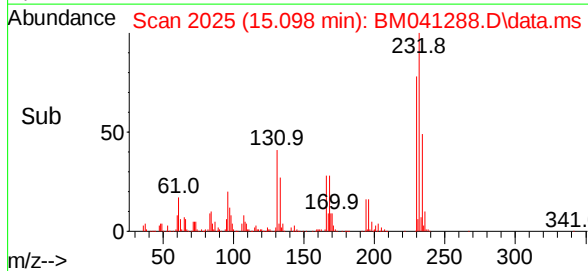
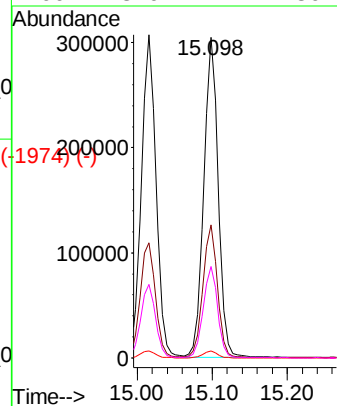
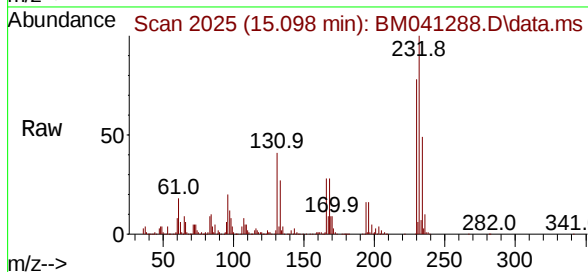
Abundance Scan 2026 (15.104 min): BM041162.D\data.ms (-259) (-)

2,3,4,6-Tetrachlorophenol
Concen: 52.710 ng
RT: 15.098 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD



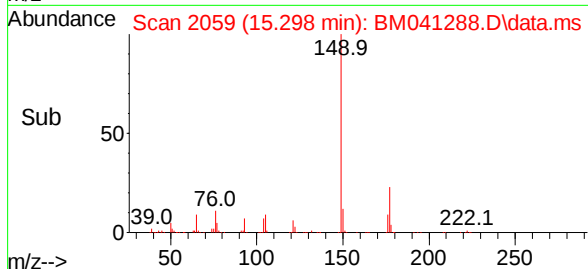
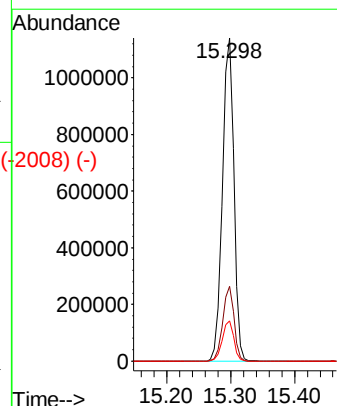
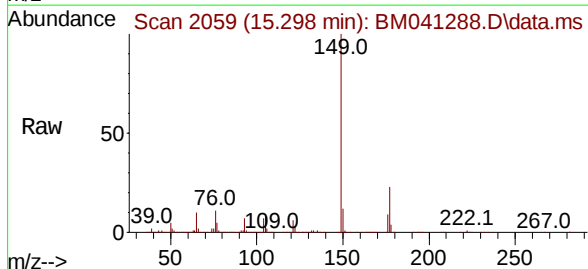
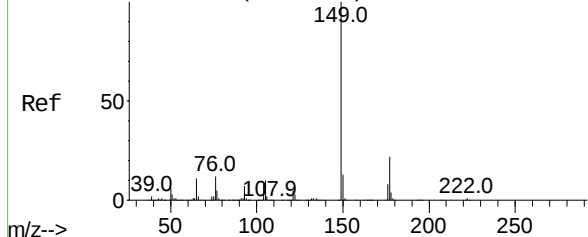
Tgt Ion:	232	Resp:	409526
Ion	Ratio	Lower	Upper
232	100		
131	41.8	36.9	55.3
130	2.2	2.0	3.0
166	28.6	24.2	36.2



Abundance Scan 2060 (15.304 min): BM041162.D\data.ms (-259) (-)

Diethylphthalate
Concen: 49.088 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	149	Resp:	1422287
Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.5	26.3
150	12.4	10.1	15.1



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

4-Chlorophenyl-phenylether

Concen: 48.178 ng

RT: 15.510 min Scan# 2097

Delta R.T. -0.000 min

Lab File: BM041288.D

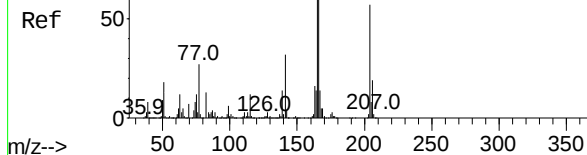
Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD



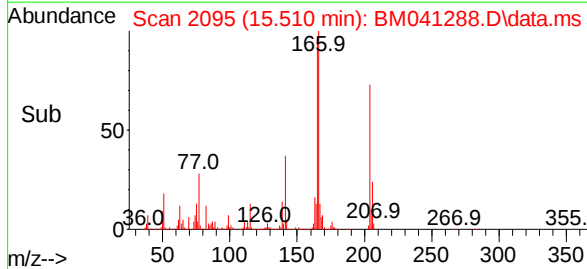
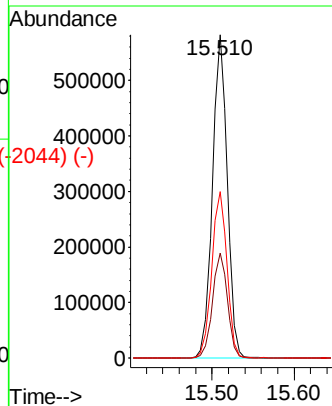
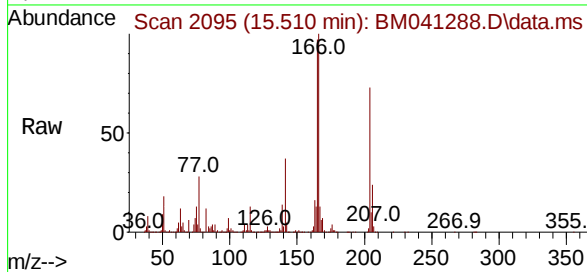
Tgt Ion:204 Resp: 728498

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

141 51.5 44.8 67.2



Abundance Scan 2105 (15.568 min): BM041162.D\data.ms (-2060) (-)

4-Nitroaniline

Concen: 47.038 ng

RT: 15.569 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

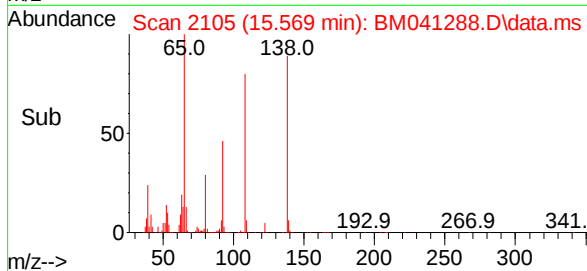
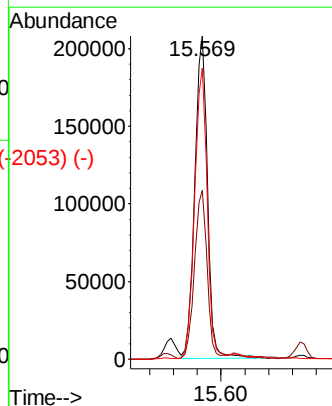
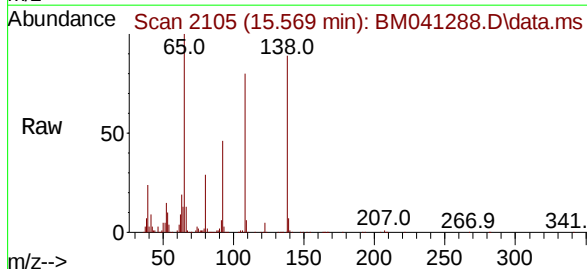
Tgt Ion:138 Resp: 310844

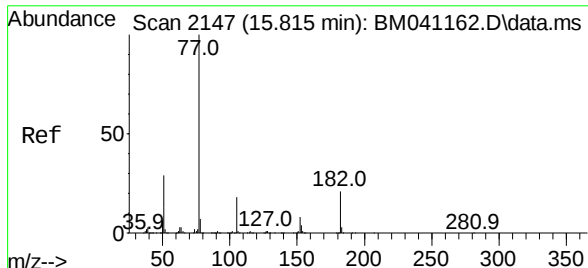
Ion Ratio Lower Upper

138 100

92 52.2 35.1 75.1

108 90.0 67.8 107.8



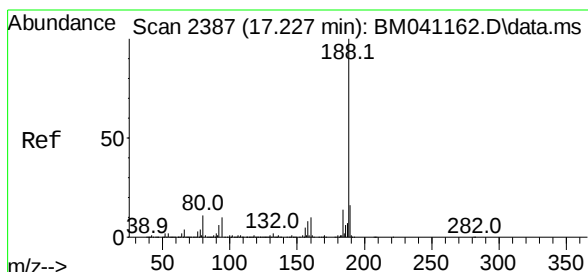
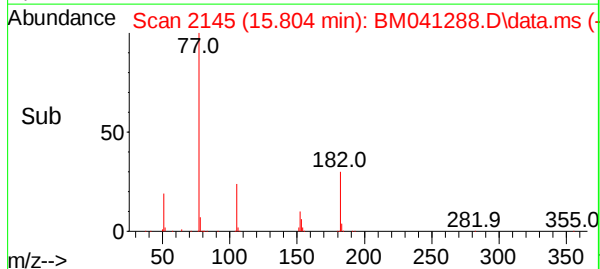
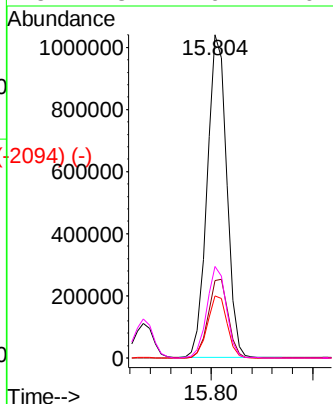
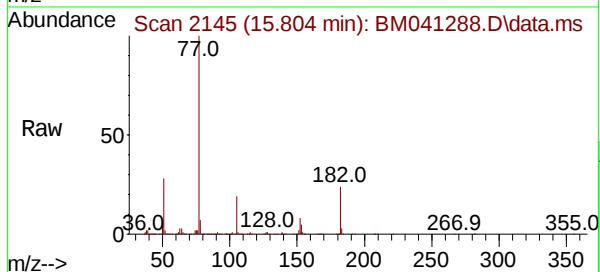


Scan 2147 (15.815 min): BM041162.D\data.ms (-2147) (-)
 Azobenzene
 Concen: 43.686 ng
 RT: 15.804 min Scan# 2145
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion: 77 Resp: 1386487

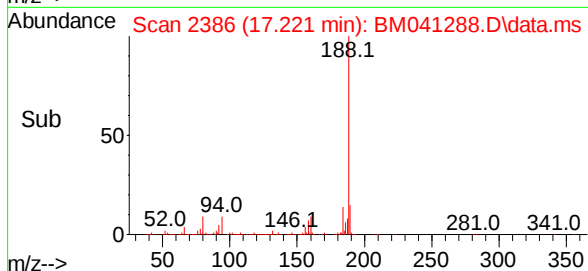
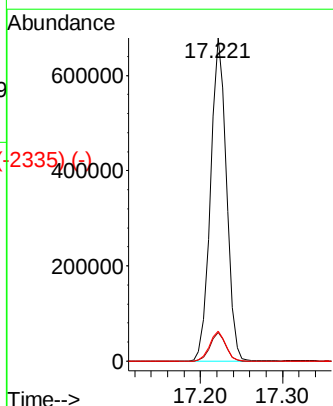
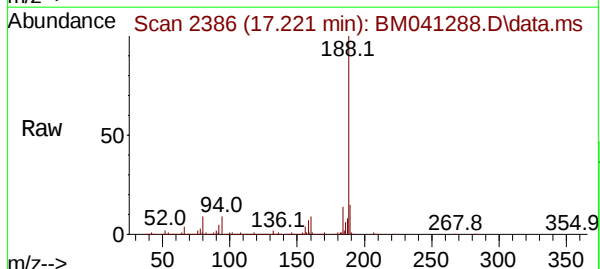
Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.3	41.3
105	19.2	0.0	38.5
51	28.2	9.1	49.1

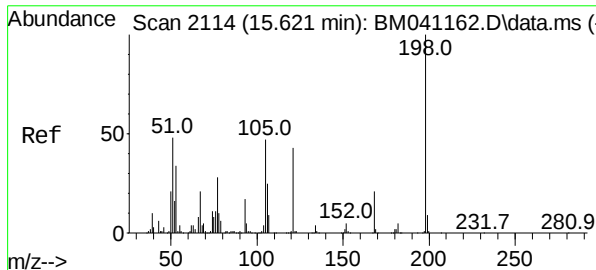


Scan 2387 (17.227 min): BM041162.D\data.ms (-2387) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.221 min Scan# 2386
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion: 188 Resp: 918504

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.2	8.6	13.0

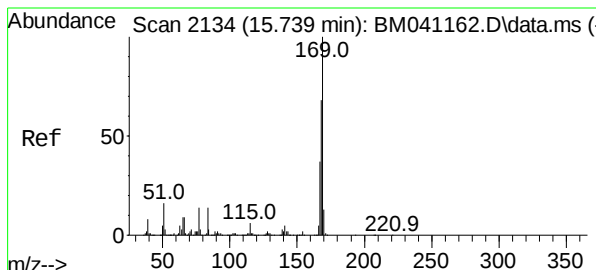
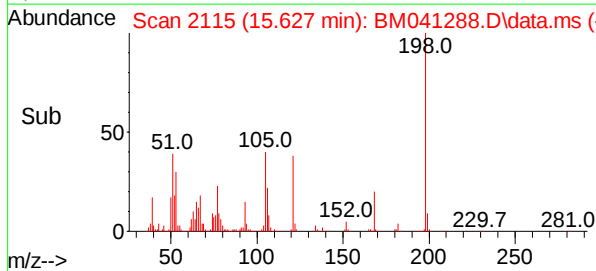
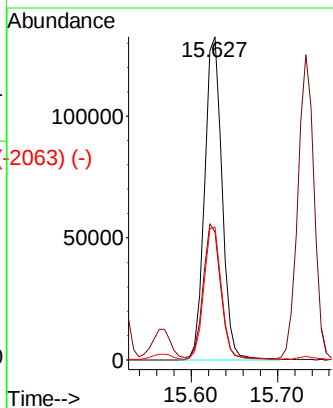
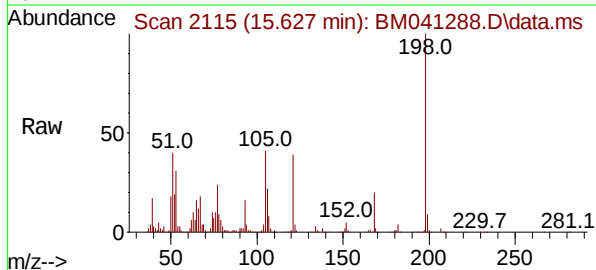




4,6-Dinitro-2-methylphenol
 Concen: 33.193 ng
 RT: 15.627 min Scan# 2114
 Delta R.T. 0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

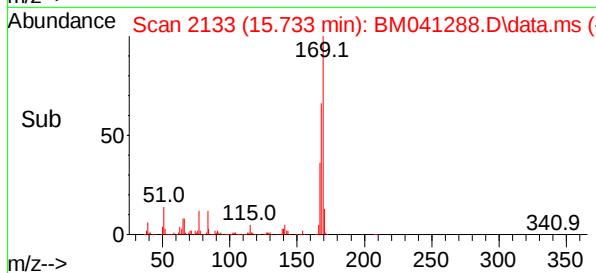
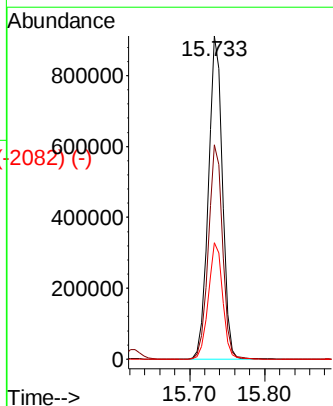
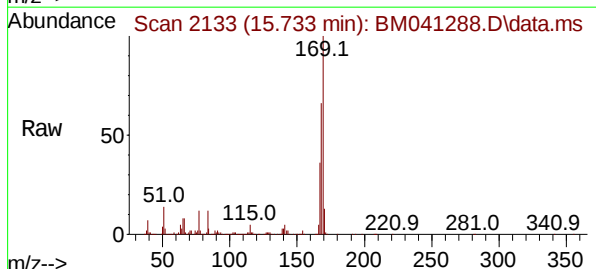
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	198	Resp:	184692
Ion	Ratio	Lower	Upper
198	100		
51	39.6	31.7	71.7
105	41.2	27.8	67.8



n-Nitrosodiphenylamine
 Concen: 42.054 ng
 RT: 15.733 min Scan# 2133
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	169	Resp:	1201313
Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.6	81.8
167	36.0	29.9	44.9



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

4-Bromophenyl-phenylether

Concen: 45.655 ng

RT: 16.410 min Scan# 2248

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:248 Resp: 459772

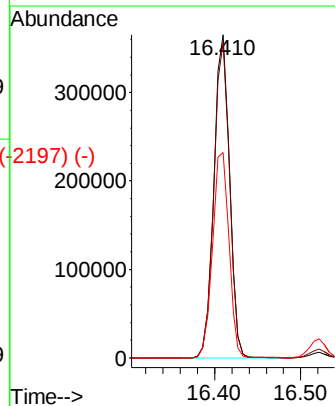
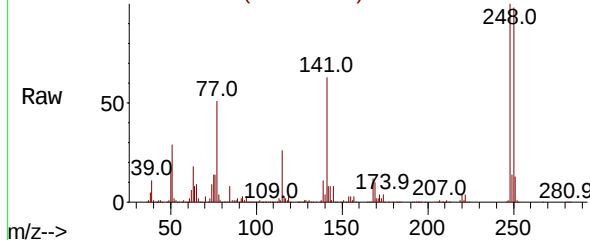
Ion Ratio Lower Upper

248 100

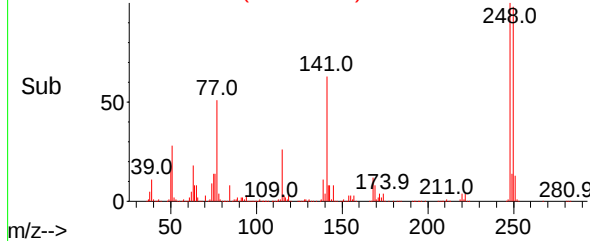
250 97.6 78.0 117.0

141 63.5 53.8 80.8

Abundance Scan 2248 (16.410 min): BM041288.D\data.ms



Abundance Scan 2248 (16.410 min): BM041288.D\data.ms (-2197) (-)



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

Hexachlorobenzene

Concen: 48.499 ng

RT: 16.521 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Tgt Ion:284 Resp: 543103

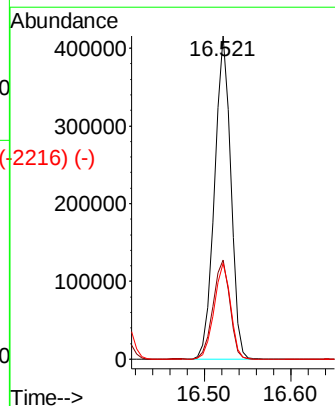
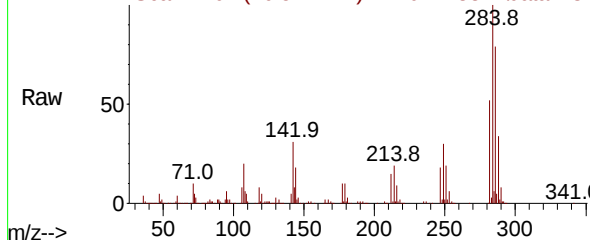
Ion Ratio Lower Upper

284 100

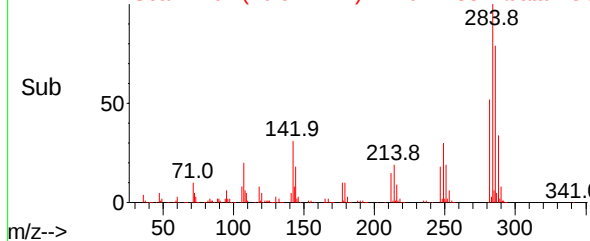
142 30.7 28.0 42.0

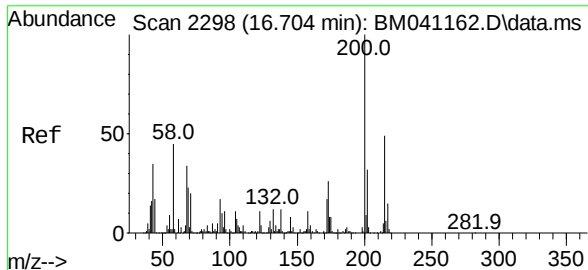
249 29.7 23.7 35.5

Abundance Scan 2267 (16.521 min): BM041288.D\data.ms



Abundance Scan 2267 (16.521 min): BM041288.D\data.ms (-2216) (-)

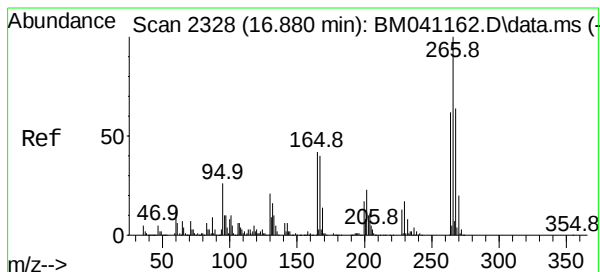
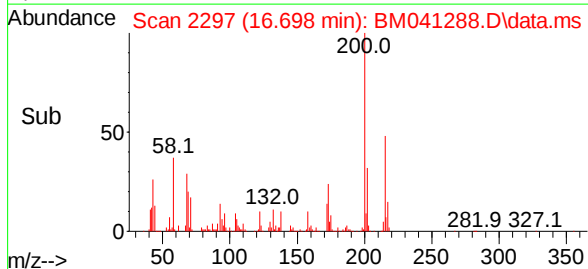
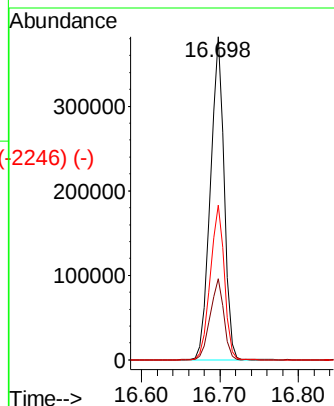
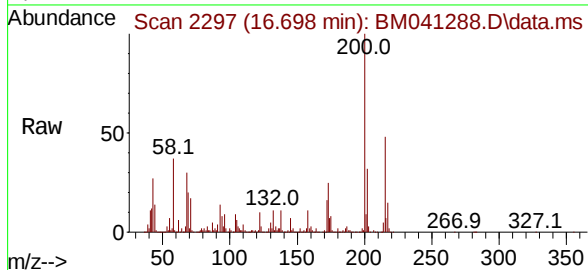




Atrazine
Concen: 61.748 ng
RT: 16.698 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

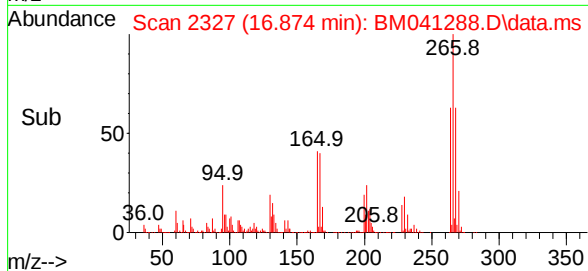
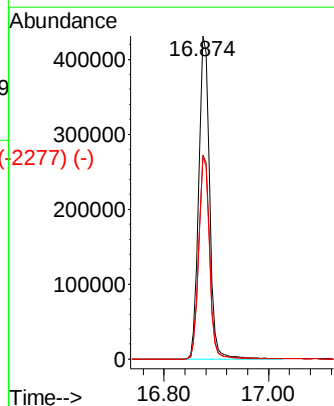
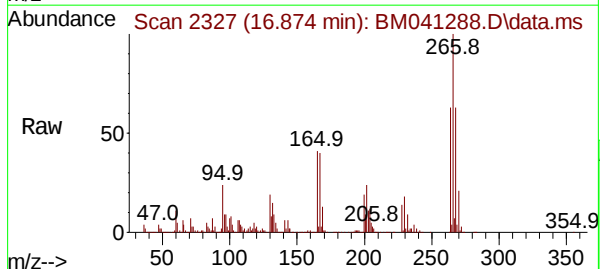
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:200 Resp: 463226
Ion Ratio Lower Upper
200 100
173 25.1 5.6 45.6
215 47.9 28.5 68.5

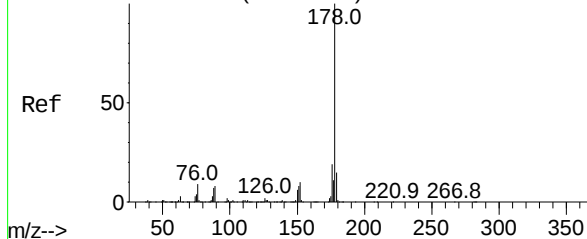


Pentachlorophenol
Concen: 79.126 ng
RT: 16.874 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:266 Resp: 613563
Ion Ratio Lower Upper
266 100
268 63.2 51.0 76.6
264 62.6 49.4 74.2



Abundance Scan 2395 (17.274 min): BM041162.D\data.ms (-2374) (-)



Phenanthrene

Concen: 43.389 ng

RT: 17.268 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNM

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

Tgt Ion:178 Resp: 2214264

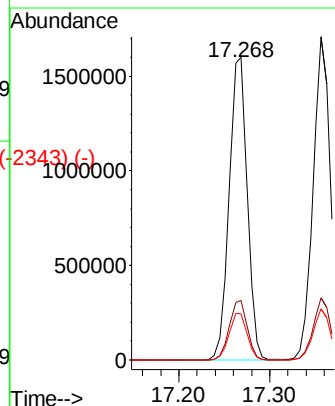
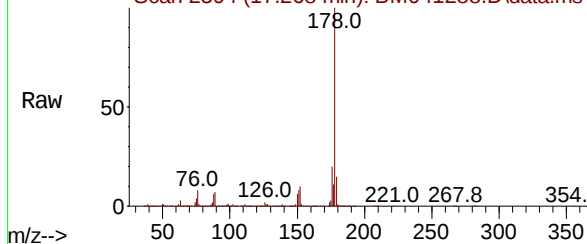
Ion Ratio Lower Upper

178 100

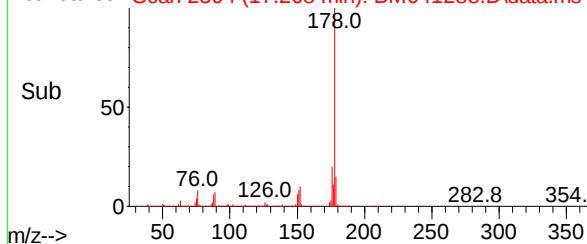
176 19.6 15.6 23.4

179 15.3 12.1 18.1

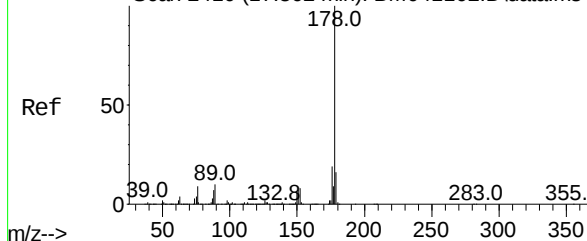
Abundance Scan 2394 (17.268 min): BM041288.D\data.ms



Abundance Scan 2394 (17.268 min): BM041288.D\data.ms (-2343) (-)



Abundance Scan 2410 (17.362 min): BM041162.D\data.ms (-2372) (-)



Anthracene

Concen: 44.649 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Tgt Ion:178 Resp: 2253529

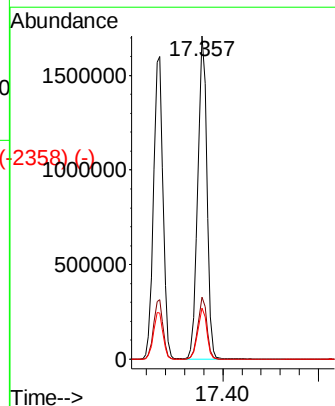
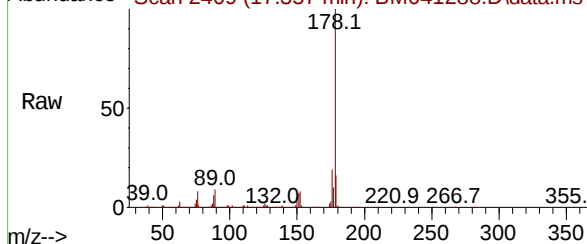
Ion Ratio Lower Upper

178 100

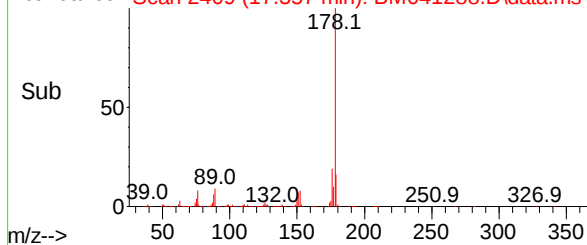
176 19.2 15.2 22.8

179 15.8 12.4 18.6

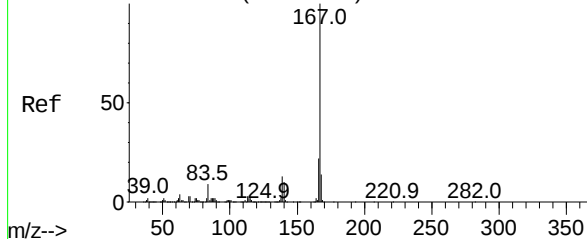
Abundance Scan 2409 (17.357 min): BM041288.D\data.ms



Abundance Scan 2409 (17.357 min): BM041288.D\data.ms (-2358) (-)



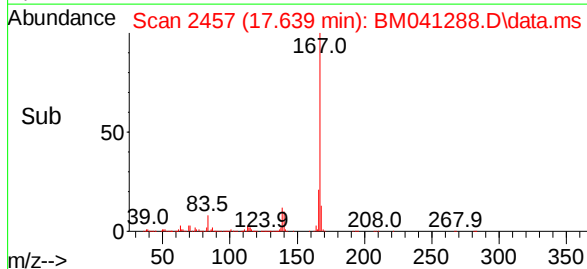
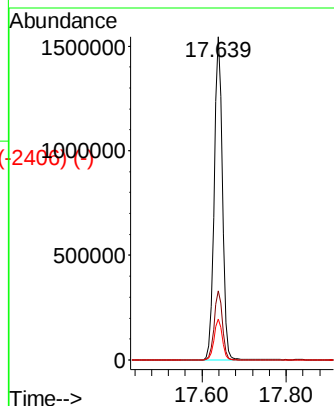
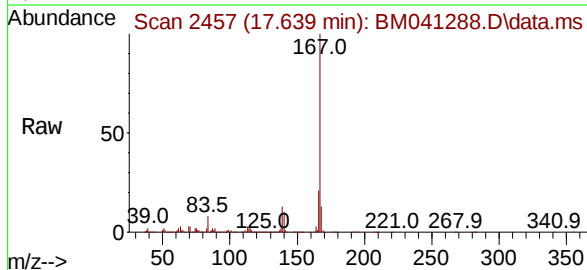
Abundance Scan 2458 (17.645 min): BM041162.D\data.ms (-2458) (-)



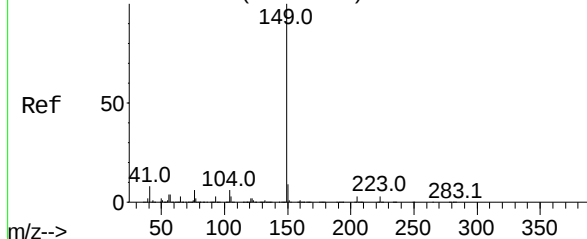
Carbazole
Concen: 46.020 ng
RT: 17.639 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:167 Resp: 2102292
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 12.6 10.3 15.5

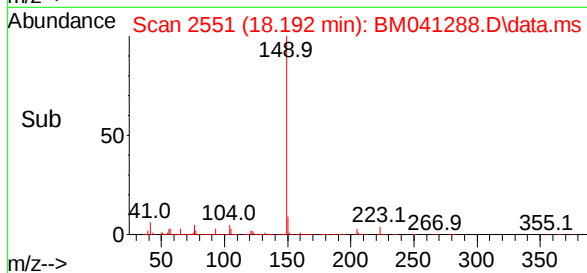
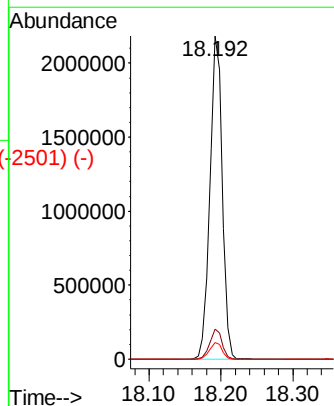
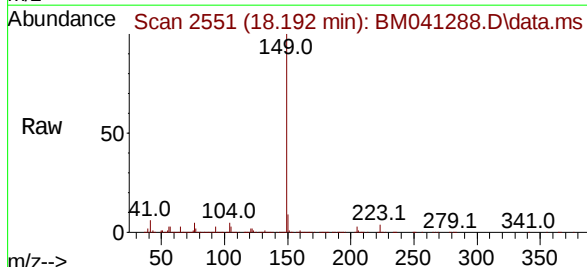


Abundance Scan 2553 (18.204 min): BM041162.D\data.ms (-2553) (-)

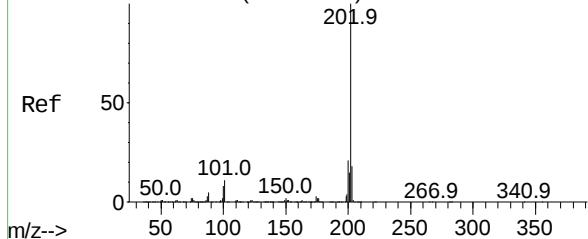


Di-n-butylphthalate
Concen: 50.665 ng
RT: 18.192 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:149 Resp: 2615395
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.2 4.5 6.7



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



Fluoranthene

Concen: 47.891 ng

RT: 19.292 min Scan# 2739

Delta R.T. -0.000 min

Lab File: BM041288.D

Acq: 04 Aug 2023 11:14

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMSD

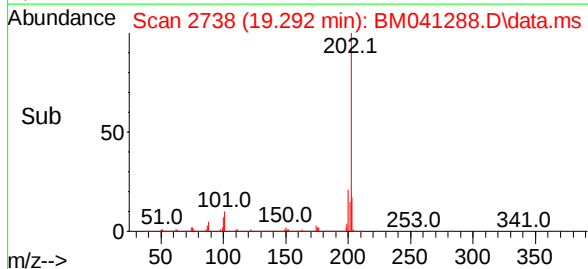
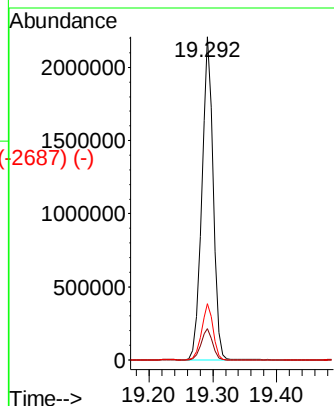
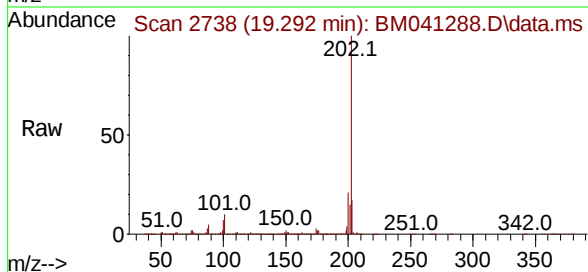
Tgt Ion:202 Resp: 2745809

Ion Ratio Lower Upper

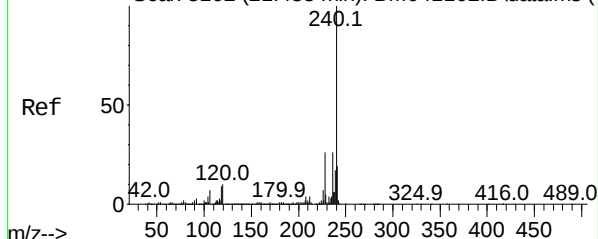
202 100

101 9.7 0.0 30.8

203 17.5 0.0 37.6



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: BM041288.D

Acq: 04 Aug 2023 11:14

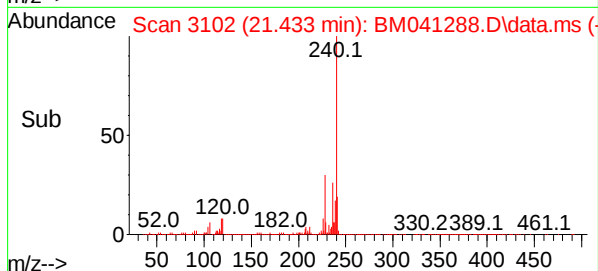
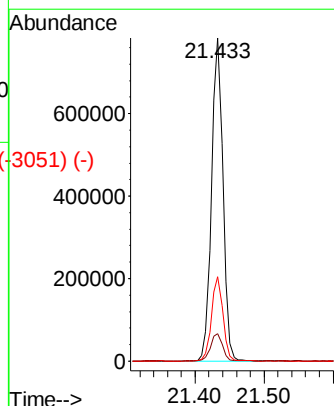
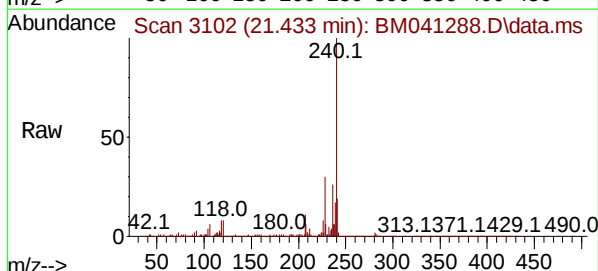
Tgt Ion:240 Resp: 901231

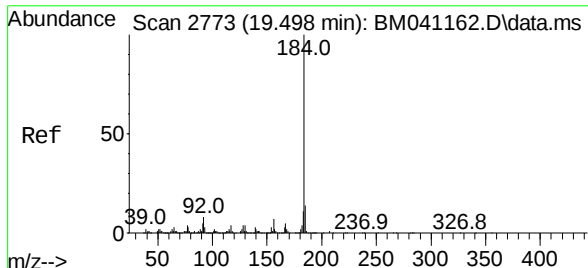
Ion Ratio Lower Upper

240 100

120 8.5 8.3 12.5

236 26.2 20.6 30.8

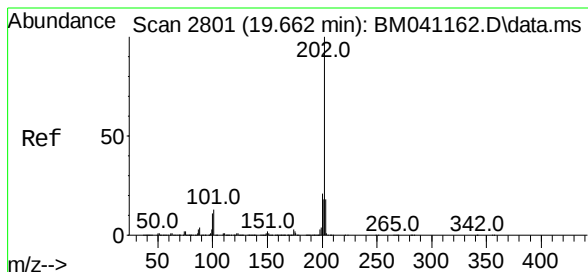
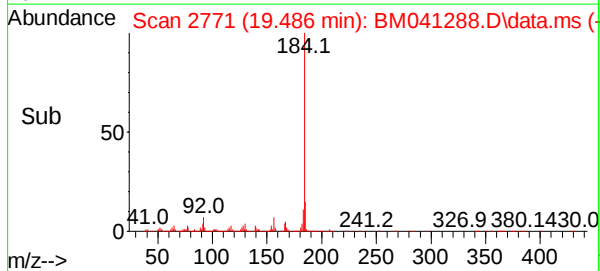
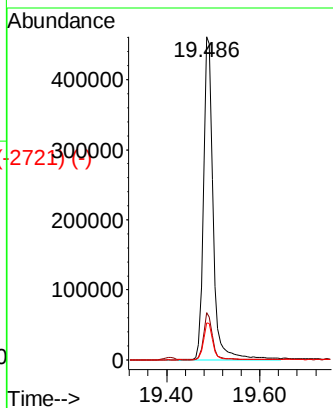
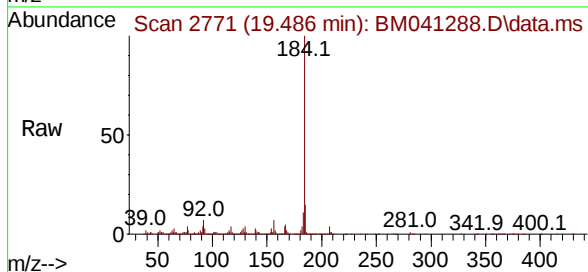




Benzidine
Concen: 54.100 ng
RT: 19.486 min Scan# 2773
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

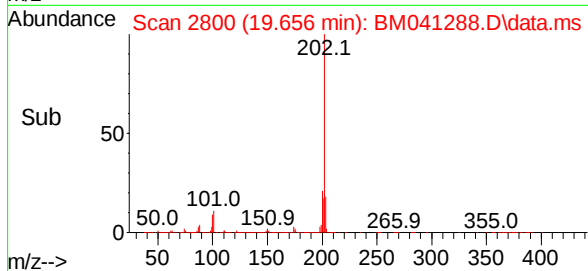
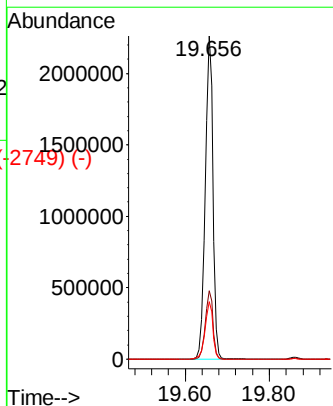
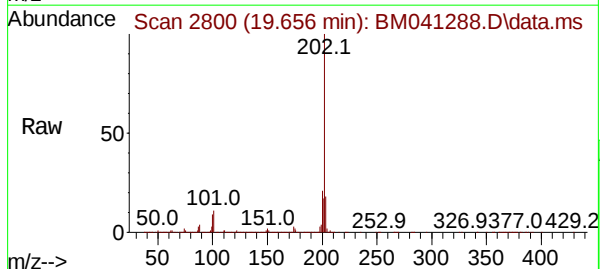
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

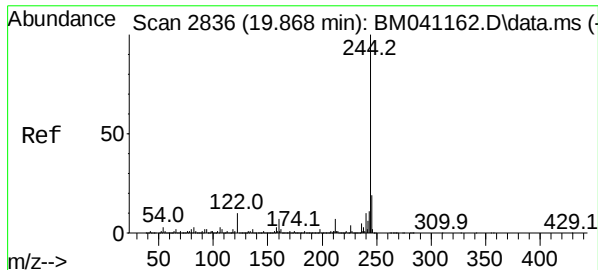
Tgt Ion:	184	Resp:	664547
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.4	17.0
183	11.4	9.2	13.8



Pyrene
Concen: 45.677 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	202	Resp:	2878790
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1

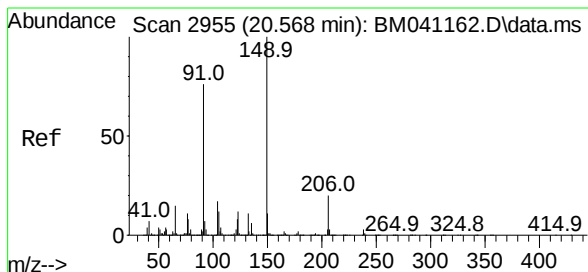
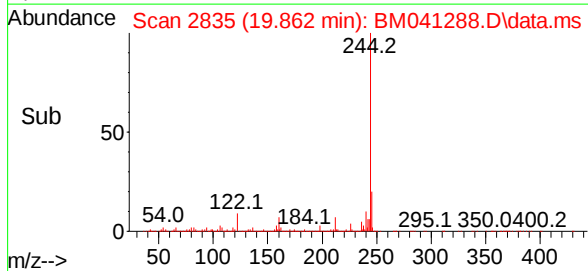
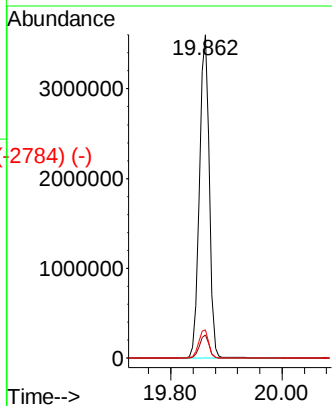
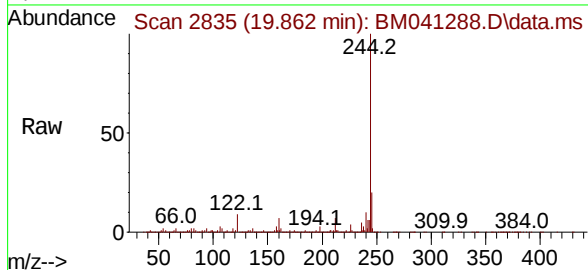




Terphenyl-d14
 Concen: 89.402 ng
 RT: 19.862 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

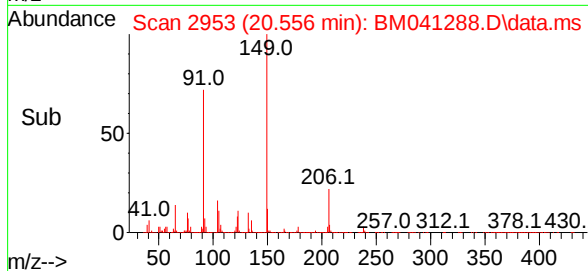
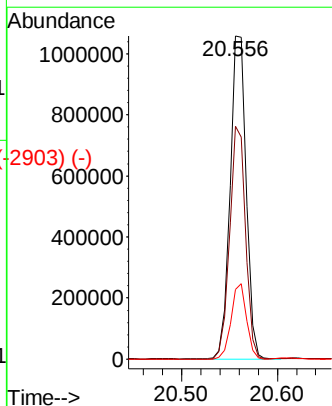
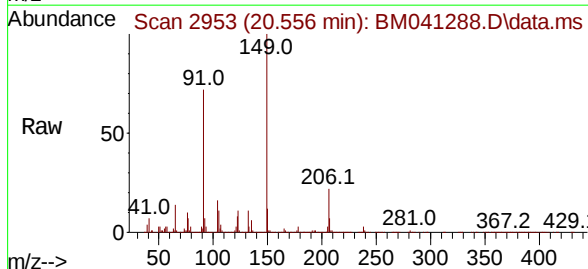
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

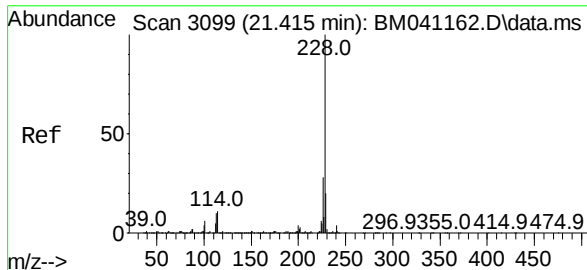
Tgt Ion:244 Resp: 4456251
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.7 7.8 11.6



Butylbenzylphthalate
 Concen: 53.678 ng
 RT: 20.556 min Scan# 2953
 Delta R.T. -0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:149 Resp: 1235426
 Ion Ratio Lower Upper
 149 100
 91 72.2 60.8 91.2
 206 21.6 16.4 24.6



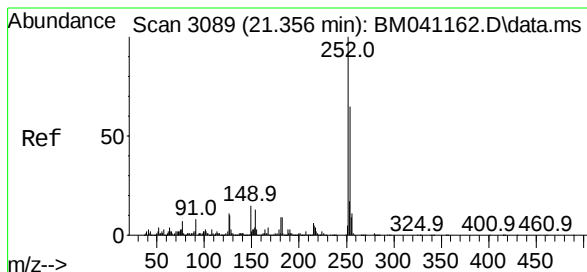
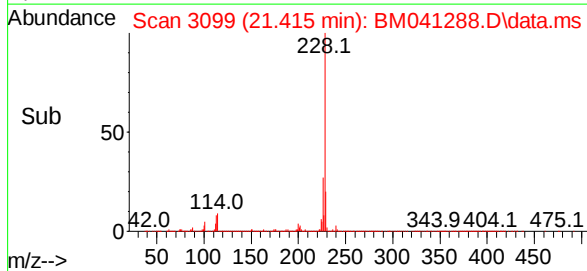
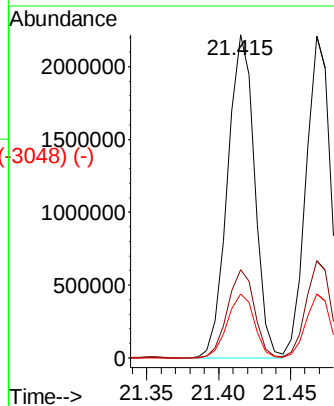
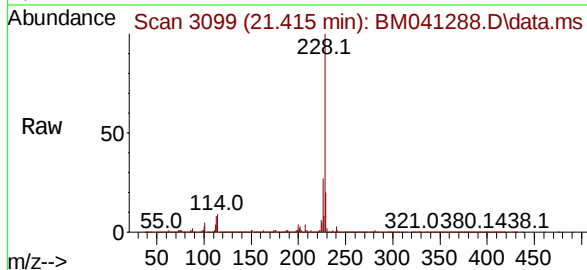


Benzo(a)anthracene
Concen: 47.323 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:228 Resp: 2891229

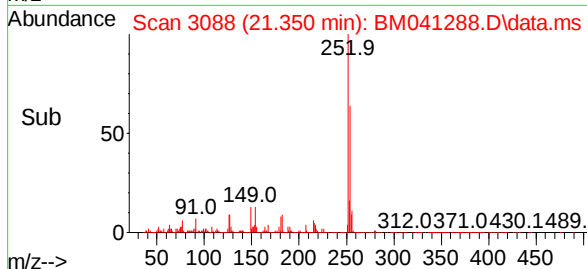
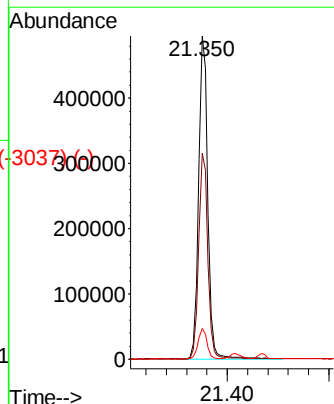
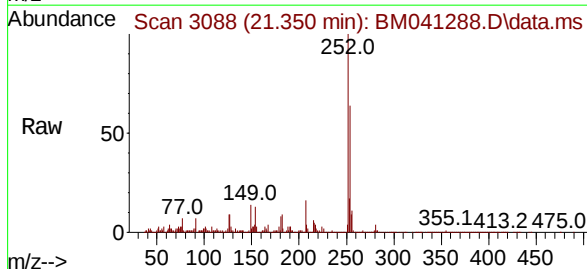
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.8	15.8	23.8

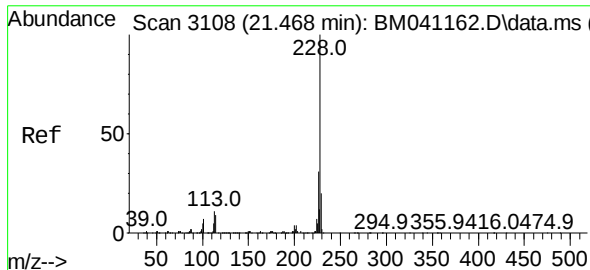


3,3'-Dichlorobenzidine
Concen: 30.776 ng
RT: 21.350 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:252 Resp: 613559

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	9.5	8.6	13.0

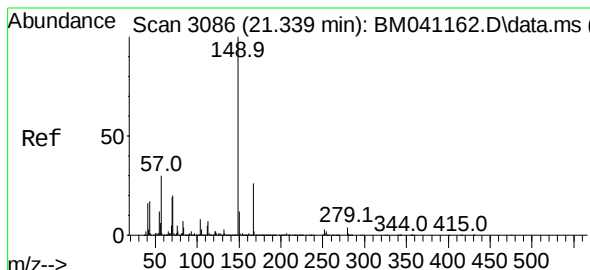
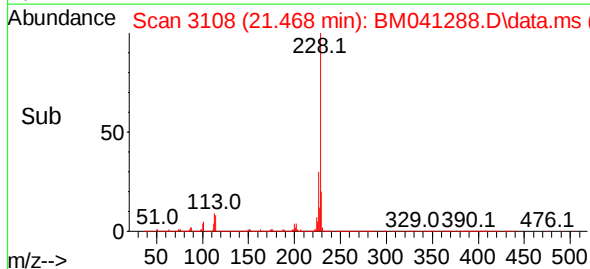
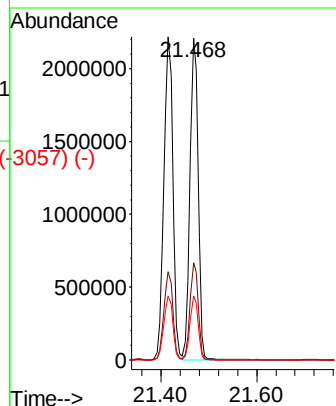
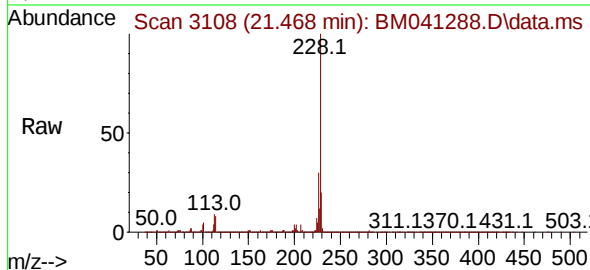




Scan 3108 (21.468 min): BM041162.D\data.ms (-3163) (-)
 Chrysene
 Concen: 44.258 ng
 RT: 21.468 min Scan# 3108
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

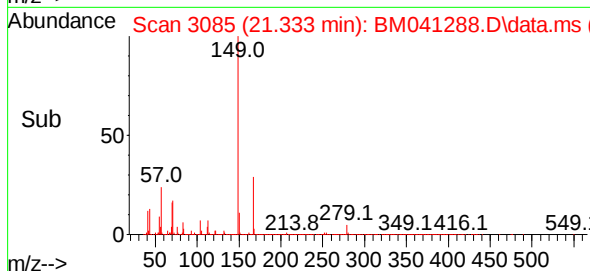
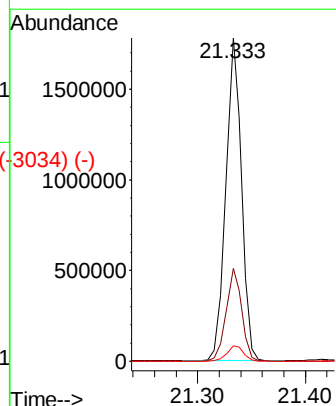
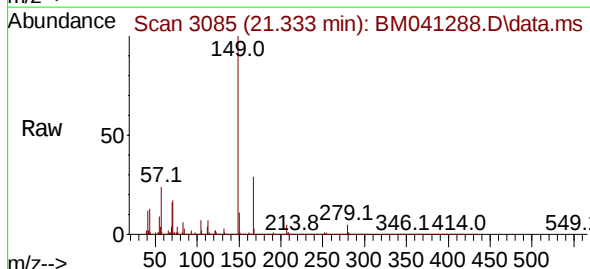
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	228	Resp:	2615392
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.9	15.8	23.8

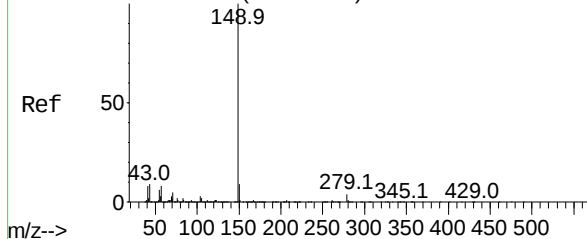


Scan 3086 (21.339 min): BM041162.D\data.ms (-3086) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 49.885 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	149	Resp:	1827124
Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.0	31.6
279	4.7	3.1	4.7#



Abundance Scan 3243 (22.262 min): BM041162.D\data.ms (-3285) (-)

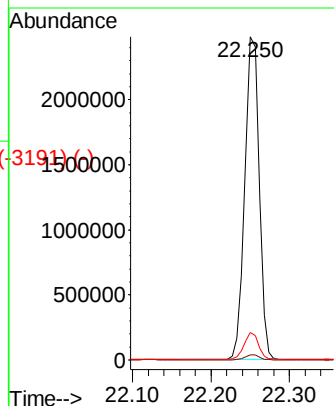
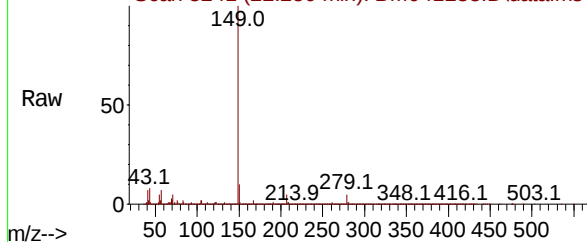


Di-n-octyl phthalate
Concen: 54.303 ng
RT: 22.250 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

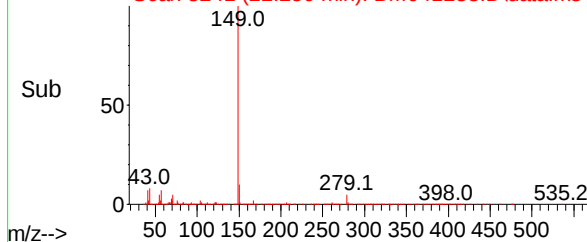
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:149 Resp: 3158678
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 8.3 12.5#

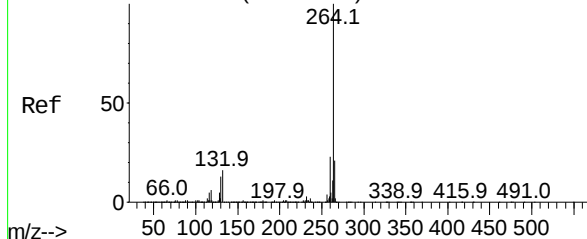
Abundance Scan 3241 (22.250 min): BM041288.D\data.ms



Abundance Scan 3241 (22.250 min): BM041288.D\data.ms (-3191) (-)



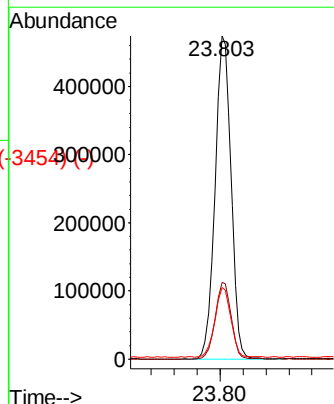
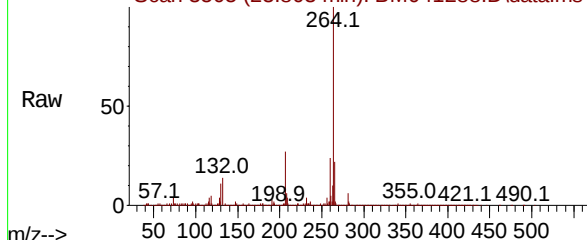
Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3486) (-)



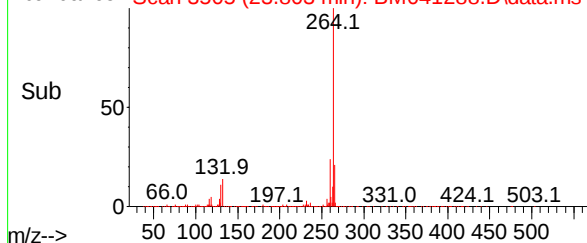
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:264 Resp: 911563
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 22.1 17.4 26.0

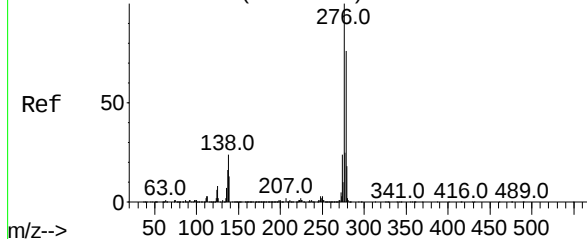
Abundance Scan 3505 (23.803 min): BM041288.D\data.ms



Abundance Scan 3505 (23.803 min): BM041288.D\data.ms (-3454) (-)



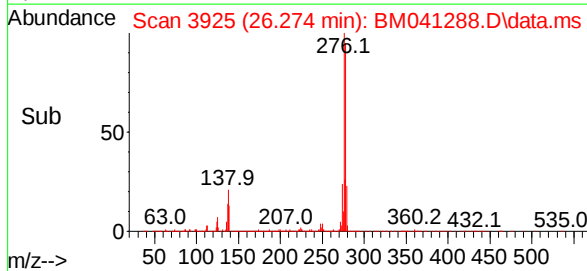
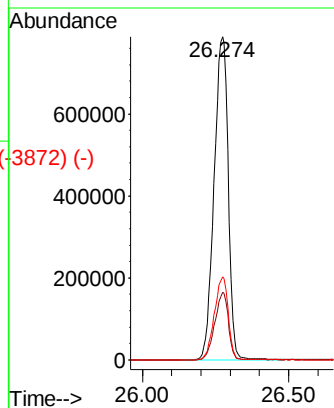
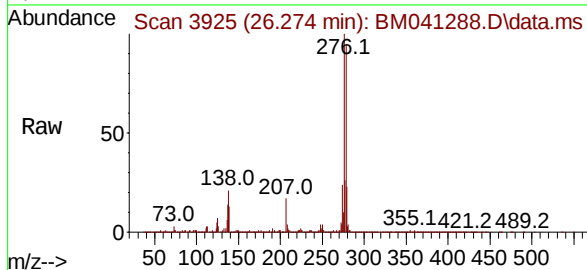
Abundance Scan 3922 (26.256 min): BM041162.D\data.ms (-3922) (-)



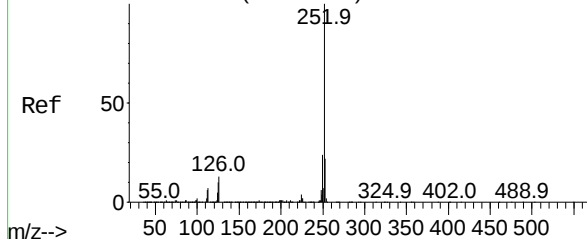
Indeno(1,2,3-cd)pyrene
Concen: 39.644 ng
RT: 26.274 min Scan# 3922
Delta R.T. 0.012 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	276	Resp:	2656897
Ion	Ratio	Lower	Upper
276	100		
138	20.0	20.0	30.0
277	25.1	20.1	30.1

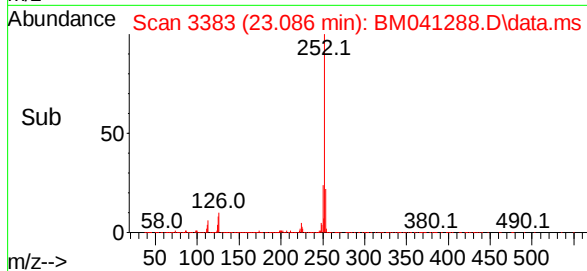
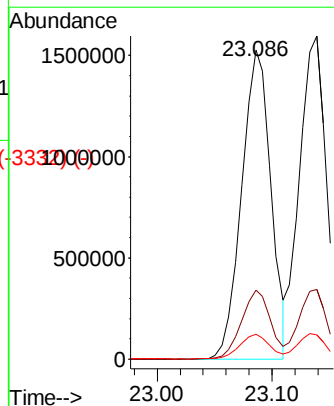
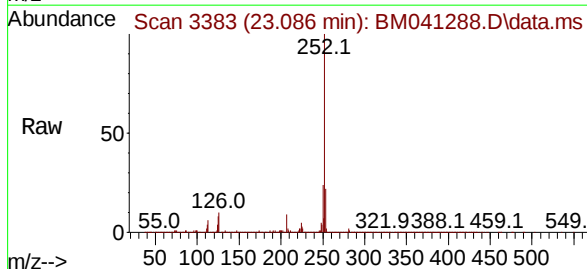


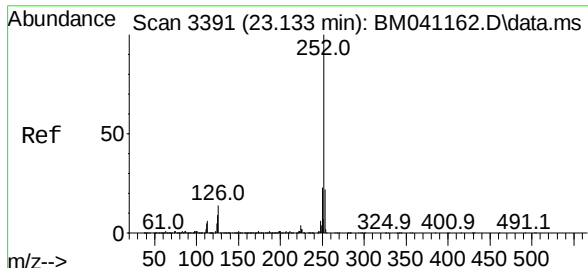
Abundance Scan 3382 (23.080 min): BM041162.D\data.ms (-3382) (-)



Benzo(b)fluoranthene
Concen: 49.577 ng
RT: 23.086 min Scan# 3383
Delta R.T. -0.000 min
Lab File: BM041288.D
Acq: 04 Aug 2023 11:14

Tgt Ion:	252	Resp:	2684721
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.1	8.2	12.4#

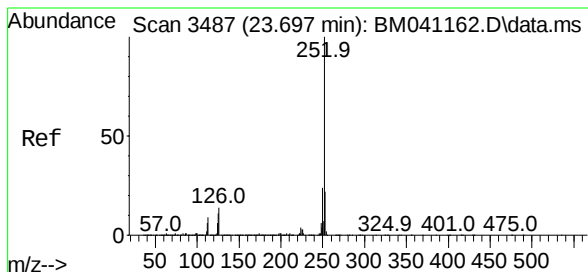
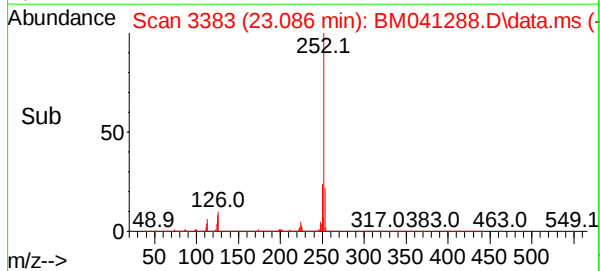
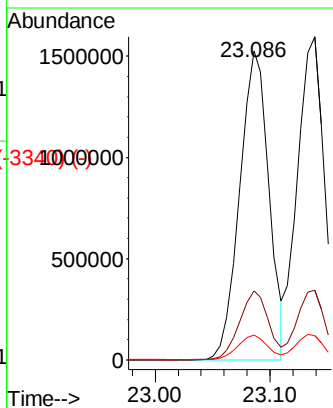
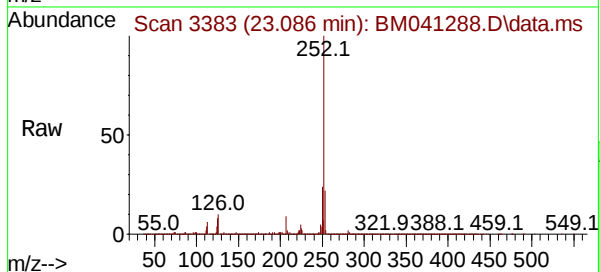




Scan 3391 (23.133 min): BM041162.D\data.ms (-3489) (-)
 Benzo(k)fluoranthene
 Concen: 48.467 ng
 RT: 23.086 min Scan# 3391
 Delta R.T. -0.047 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

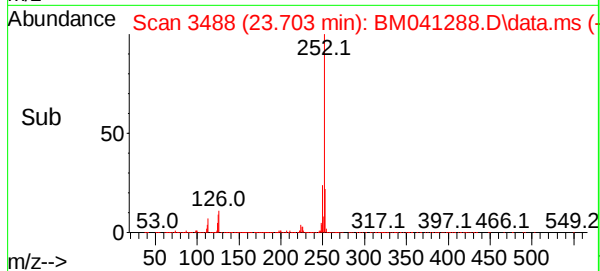
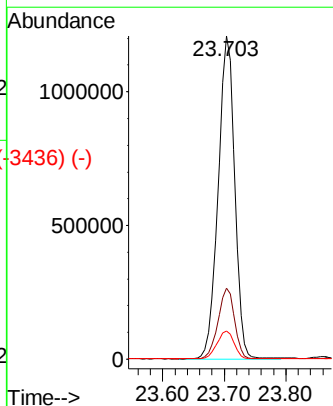
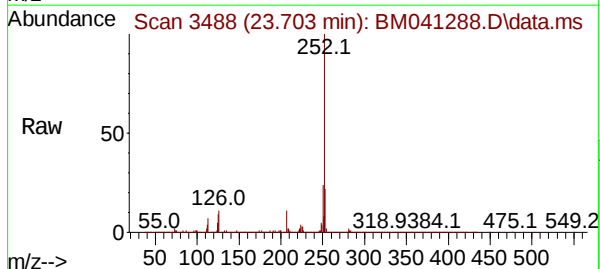
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

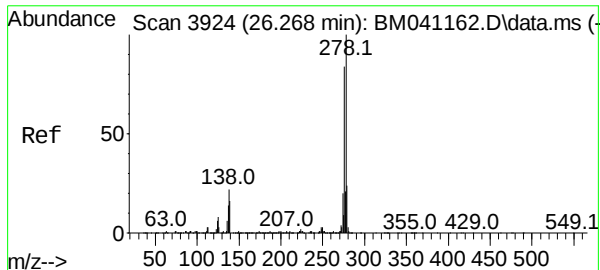
Tgt Ion:	252	Resp:	2684721
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.1	7.6	11.4



Scan 3487 (23.697 min): BM041162.D\data.ms (-3490) (-)
 Benzo(a)pyrene
 Concen: 43.263 ng
 RT: 23.703 min Scan# 3488
 Delta R.T. 0.006 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	252	Resp:	2251109
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	8.8	9.0	13.4#

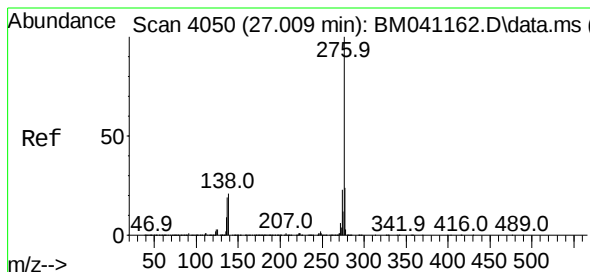
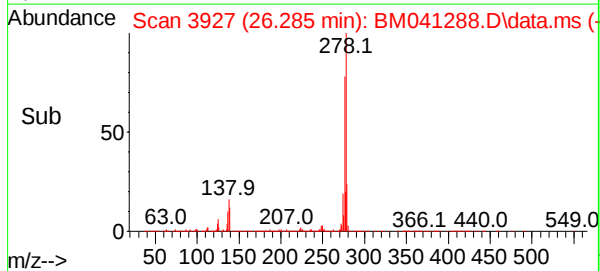
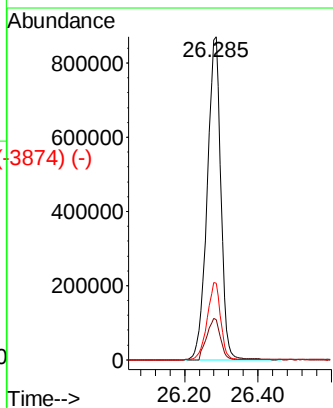
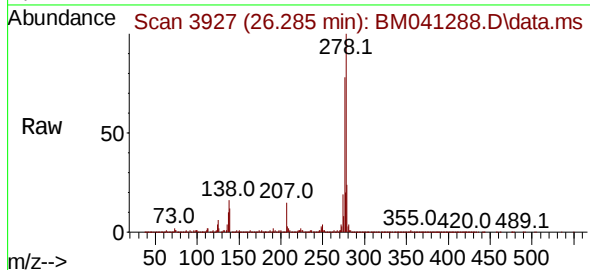




Dibenzo(a,h)anthracene
 Concen: 40.034 ng
 RT: 26.285 min Scan# 4093
 Delta R.T. 0.012 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMSD

Tgt Ion:	278	Resp:	2237883
Ion	Ratio	Lower	Upper
278	100		
139	12.4	12.7	19.1#
279	23.7	19.1	28.7



Benzo(g,h,i)perylene
 Concen: 37.680 ng
 RT: 27.027 min Scan# 4053
 Delta R.T. 0.012 min
 Lab File: BM041288.D
 Acq: 04 Aug 2023 11:14

Tgt Ion:	276	Resp:	2060986
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	16.9	17.1	25.7#

