

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047540.D
 Acq On : 17 Sep 2024 11:40
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 17 12:27:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	453728	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2012471	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1165518	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2294694	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1954749	20.000	ng	0.00
86) Perylene-d12	24.462	264	1869039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2959974	103.871	ng	0.00
7) Phenol-d6	7.004	99	4149475	103.397	ng	0.00
23) Nitrobenzene-d5	8.998	82	3206025	79.727	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1228119	109.014	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	6876318	81.271	ng	0.00
79) Terphenyl-d14	19.833	244	9746627	89.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	73689	6.037	ng	100
3) Pyridine	3.722	79	176279	4.852	ng	97
4) n-Nitrosodimethylamine	3.628	42	93119	5.649	ng	# 93
6) Aniline	7.169	93	215083	6.045	ng	99
8) 2-Chlorophenol	7.410	128	164806	5.246	ng	96
9) Benzaldehyde	6.981	77	173536	9.094	ng	99
10) Phenol	7.034	94	213684	5.318	ng	100
11) bis(2-Chloroethyl)ether	7.269	93	175197	5.431	ng	97
12) 1,3-Dichlorobenzene	7.740	146	171373	4.984	ng	98
13) 1,4-Dichlorobenzene	7.881	146	176502	5.040	ng	96
14) 1,2-Dichlorobenzene	8.198	146	171178	4.966	ng	99
15) Benzyl Alcohol	8.081	79	138654	5.101	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.369	45	264815	5.836	ng	99
17) 2-Methylphenol	8.281	107	120120	4.679	ng	98
18) Hexachloroethane	8.934	117	73435	5.249	ng	90
19) n-Nitroso-di-n-propyla...	8.651	70	135825	5.020	ng	99
20) 3+4-Methylphenols	8.604	107	158998	4.439	ng	98
22) Acetophenone	8.663	105	268937	5.083	ng	# 98
24) Nitrobenzene	9.040	77	222181	5.377	ng	97
25) Isophorone	9.569	82	358591	5.072	ng	99
26) 2-Nitrophenol	9.751	139	55598	3.949	ng	95
27) 2,4-Dimethylphenol	9.816	122	63467	2.973	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	228265	5.140	ng	100
29) 2,4-Dichlorophenol	10.287	162	117006	4.315	ng	95
30) 1,2,4-Trichlorobenzene	10.504	180	143657	4.625	ng	97
31) Naphthalene	10.692	128	521827	4.801	ng	100
32) Benzoic acid	9.869	122	44624	8.524	ng	97
33) 4-Chloroaniline	10.792	127	197484	5.025	ng	98
34) Hexachlorobutadiene	10.986	225	75148	4.368	ng	97
35) Caprolactam	11.551	113	39214	4.390	ng	92
36) 4-Chloro-3-methylphenol	11.916	107	137830	4.435	ng	96
37) 2-Methylnaphthalene	12.304	142	334237	4.620	ng	99
38) 1-Methylnaphthalene	12.522	142	319163	4.440	ng	98
40) 1,2,4,5-Tetrachloroben...	12.669	216	148712	4.715	ng	98
41) Hexachlorocyclopentadiene	12.663	237	28032	2.719	ng	97

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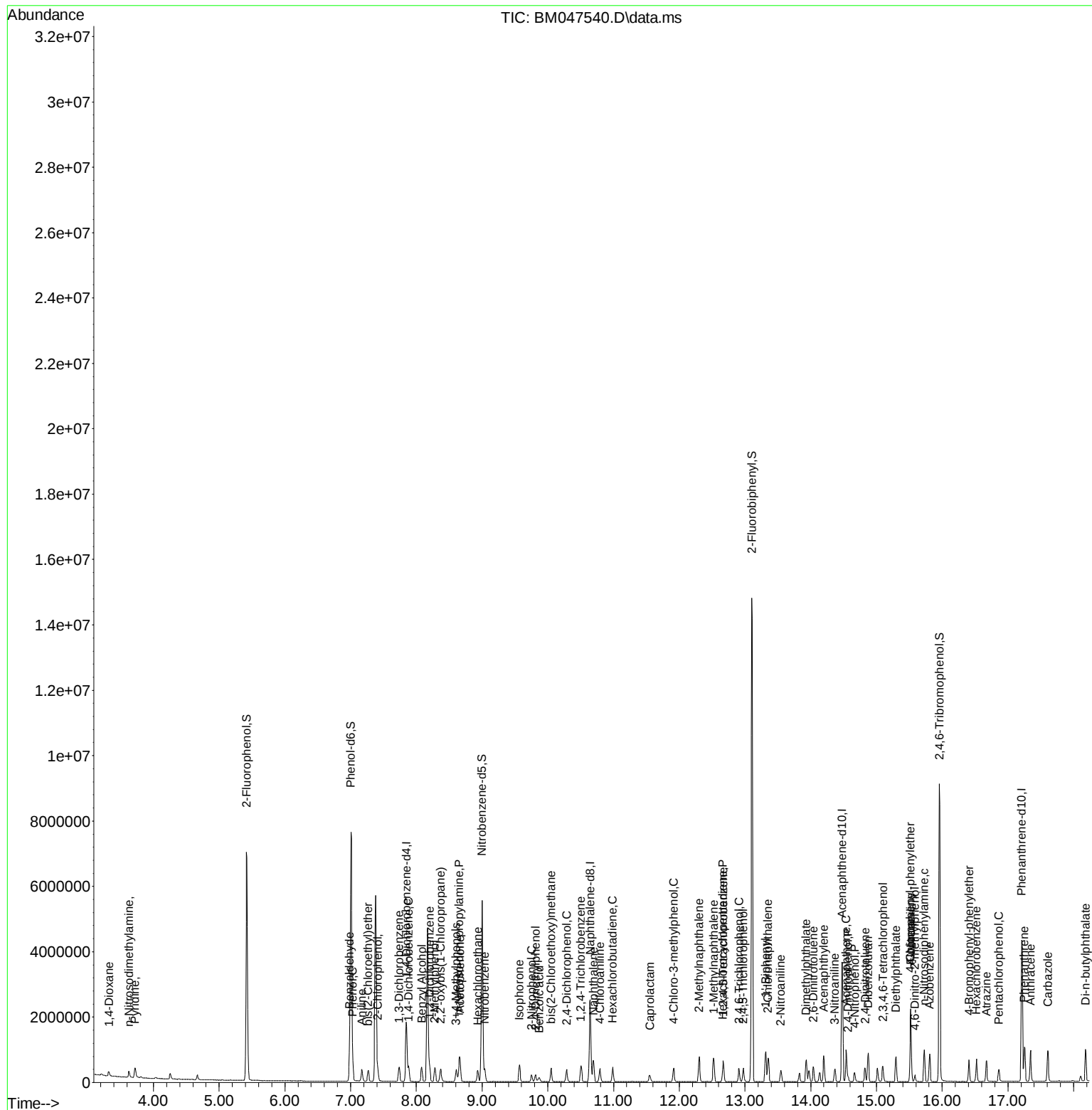
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.910	196	80032	4.051	ng	96
44) 2,4,5-Trichlorophenol	12.975	196	91775	4.112	ng	96
46) 1,1'-Biphenyl	13.316	154	444046	4.897	ng	98
47) 2-Chloronaphthalene	13.351	162	327945	4.657	ng	98
48) 2-Nitroaniline	13.545	65	89257	4.316	ng	93
49) Acenaphthylene	14.198	152	517507	5.093	ng	99
50) Dimethylphthalate	13.933	163	383761	4.831	ng	99
51) 2,6-Dinitrotoluene	14.039	165	70710	4.216	ng	88
52) Acenaphthene	14.539	154	326015	4.579	ng	98
53) 3-Nitroaniline	14.369	138	83327	4.470	ng	95
54) 2,4-Dinitrophenol	14.569	184	20260	5.836	ng	# 85
55) Dibenzofuran	14.874	168	485358	4.851	ng	95
56) 4-Nitrophenol	14.669	139	60446	3.941	ng	95
57) 2,4-Dinitrotoluene	14.827	165	89996	4.024	ng	90
58) Fluorene	15.521	166	397142	4.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	74651	4.290	ng	94
60) Diethylphthalate	15.298	149	397830	4.706	ng	97
61) 4-Chlorophenyl-phenyle...	15.516	204	176817	4.293	ng	95
62) 4-Nitroaniline	15.521	138	85711	3.912	ng	91
63) Azobenzene	15.810	77	490864	5.273	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	29824	9.343	ng	87
66) n-Nitrosodiphenylamine	15.727	169	308960	4.401	ng	97
67) 4-Bromophenyl-phenylether	16.410	248	94313	4.230	ng	96
68) Hexachlorobenzene	16.521	284	109826	4.348	ng	# 91
69) Atrazine	16.674	200	89130	4.594	ng	98
70) Pentachlorophenol	16.863	266	49714	3.395	ng	97
71) Phenanthrene	17.251	178	588765	4.656	ng	100
72) Anthracene	17.345	178	521956	4.296	ng	99
73) Carbazole	17.610	167	545098	4.527	ng	99
74) Di-n-butylphthalate	18.180	149	649673	4.510	ng	99
75) Fluoranthene	19.262	202	589070	4.269	ng	97
77) Benzidine	19.445	184	104990	3.814	ng	99
78) Pyrene	19.621	202	623772	4.375	ng	99
80) Butylbenzylphthalate	20.521	149	221897	4.043	ng	91
81) Benzo(a)anthracene	21.421	228	624216	4.899	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	148641	4.386	ng	# 99
83) Chrysene	21.480	228	569934	4.729	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	376489	4.379	ng	97
85) Di-n-octyl phthalate	22.497	149	523511	4.304	ng	97
87) Indeno(1,2,3-cd)pyrene	27.868	276	581612	5.200	ng	94
88) Benzo(b)fluoranthene	23.503	252	538780	4.455	ng	98
89) Benzo(k)fluoranthene	23.568	252	555293	4.633	ng	97
90) Benzo(a)pyrene	24.315	252	472091	4.763	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	474341	5.040	ng	100
92) Benzo(g,h,i)perylene	28.932	276	460641	5.011	ng	97

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

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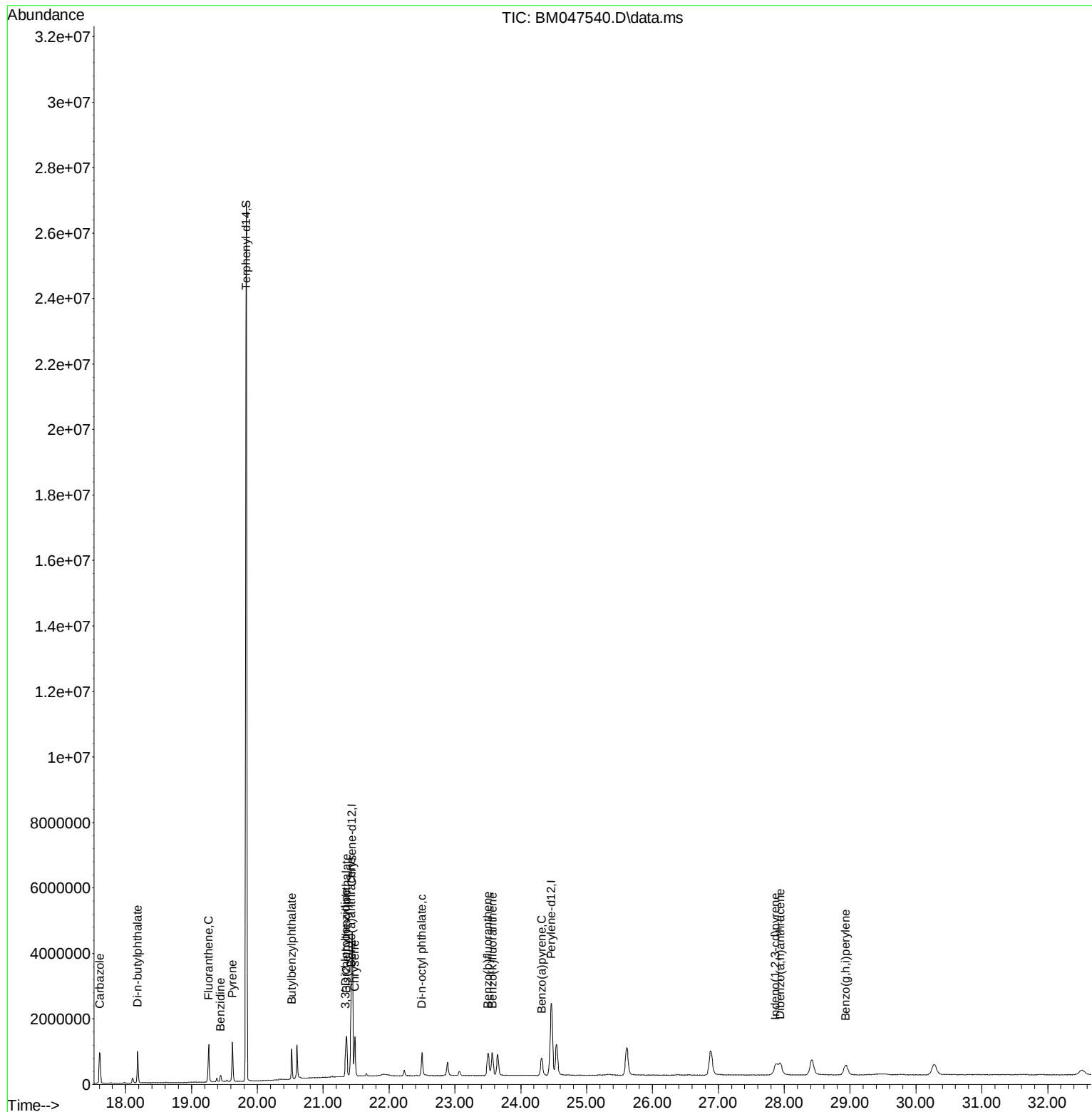
Quant Time: Sep 17 12:27:14 2024
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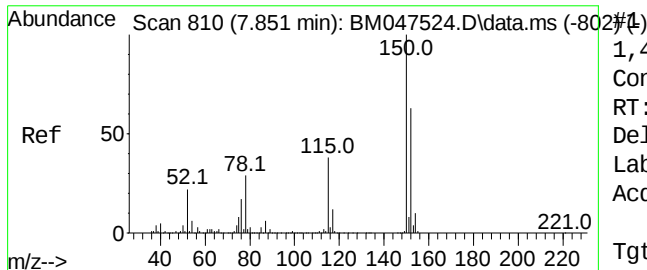


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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.846 min Scan# 810

Delta R.T. -0.005 min

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Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

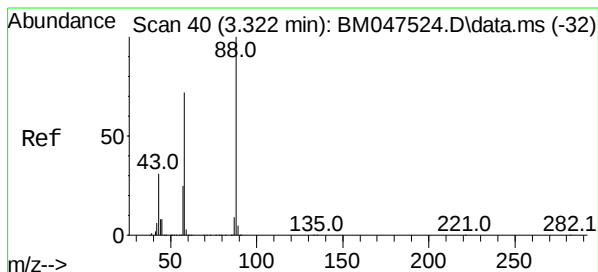
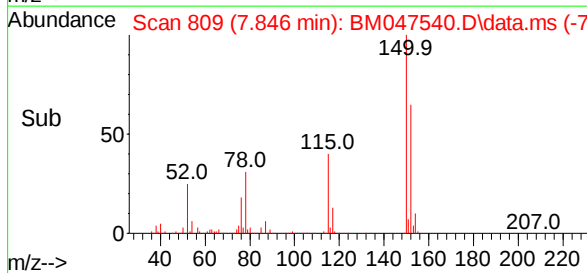
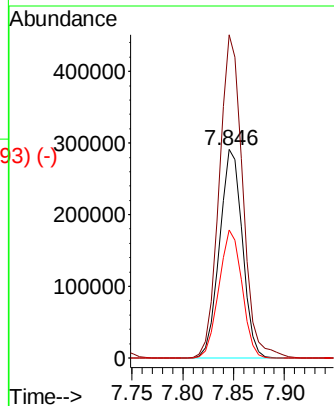
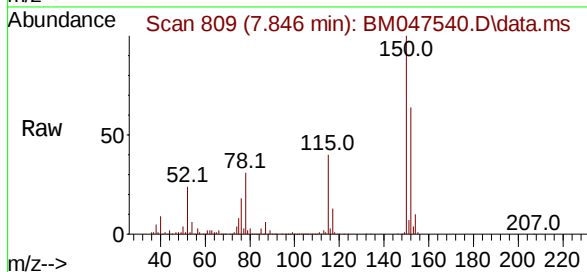
Tgt Ion:152 Resp: 453728

Ion Ratio Lower Upper

152 100

150 155.1 126.8 190.2

115 61.4 47.8 71.8



1,4-Dioxane

Concen: 6.037 ng

RT: 3.322 min Scan# 40

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

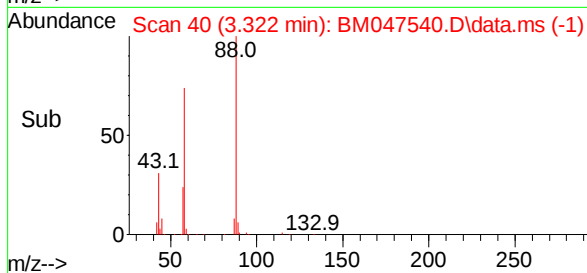
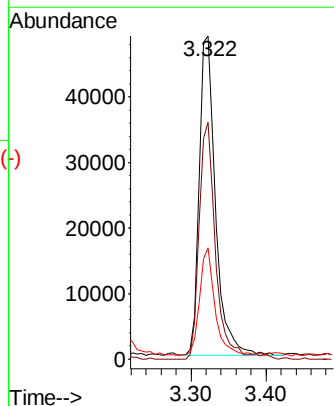
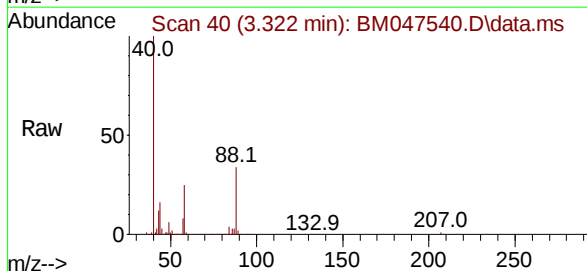
Tgt Ion: 88 Resp: 73689

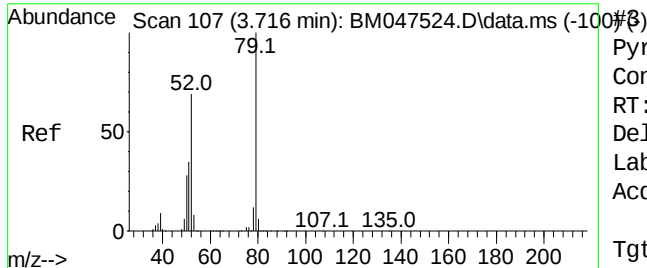
Ion Ratio Lower Upper

88 100

58 73.8 59.0 88.6

43 31.9 25.0 37.4





Pyridine

Concen: 4.852 ng

RT: 3.722 min Scan#

Delta R.T. 0.006 min

Lab File: BM047540.D

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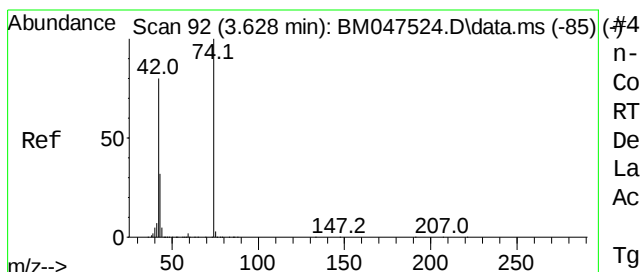
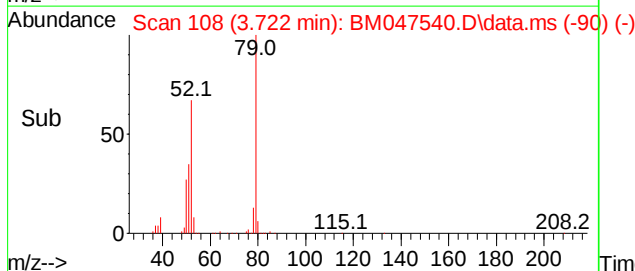
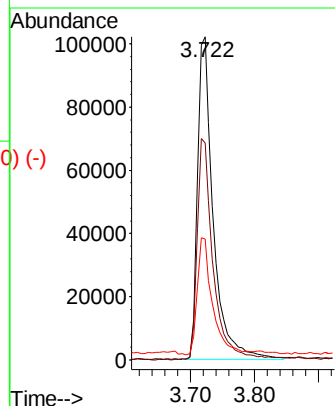
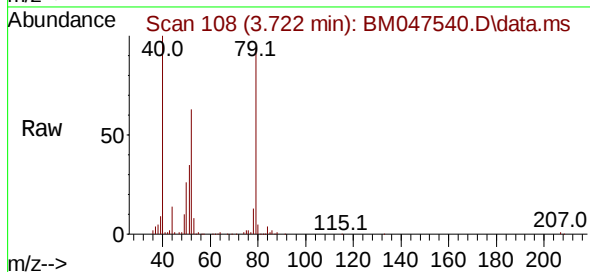
Tgt Ion: 79 Resp: 176279

Ion Ratio Lower Upper

79 100

52 67.2 55.4 83.0

51 37.4 27.9 41.9



n-Nitrosodimethylamine

Concen: 5.649 ng

RT: 3.628 min Scan# 92

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

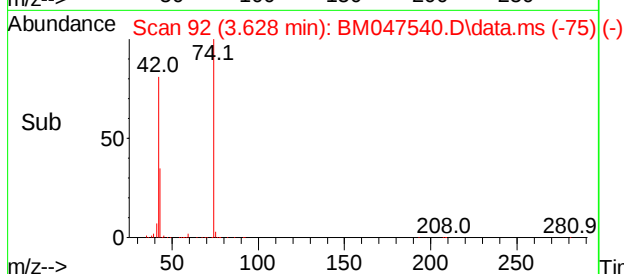
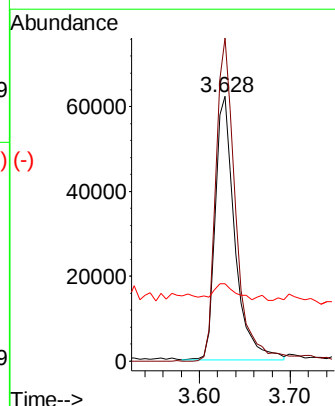
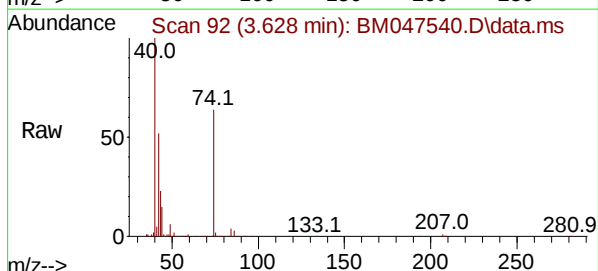
Tgt Ion: 42 Resp: 93119

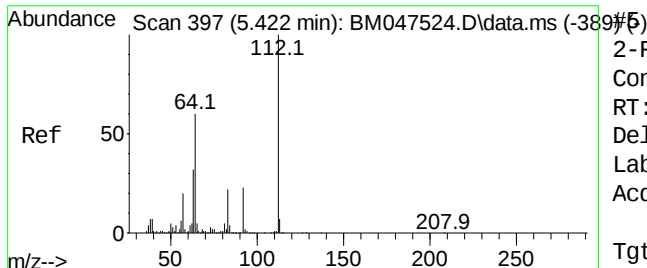
Ion Ratio Lower Upper

42 100

74 122.1 100.5 150.7

44 29.1 6.9 10.3#





2-Fluorophenol

Concen: 103.871 ng

RT: 5.416 min Scan#

Delta R.T. -0.006 min

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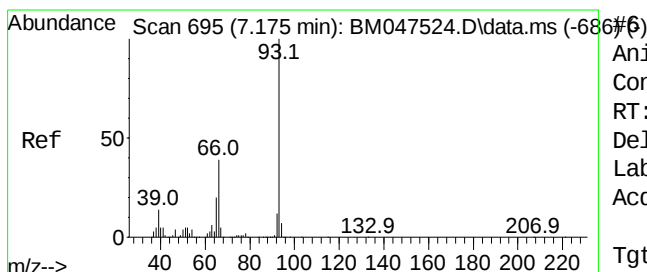
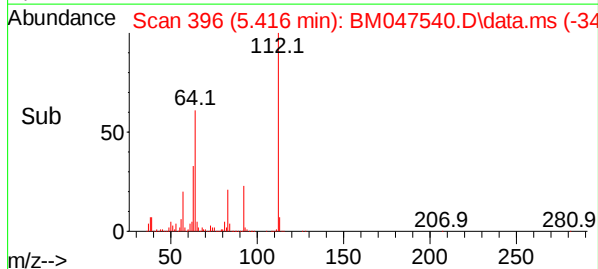
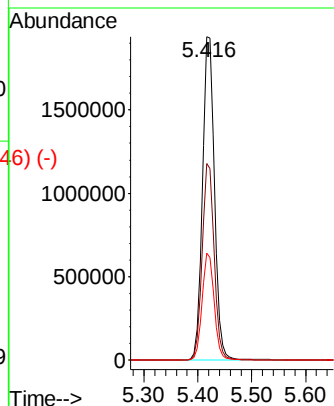
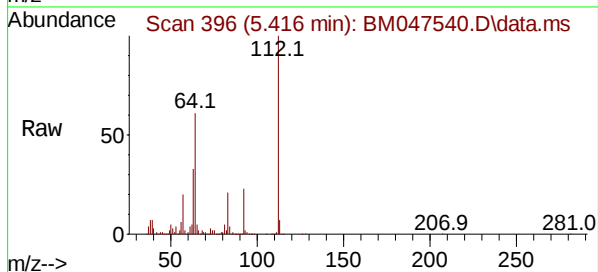
Tgt Ion:112 Resp: 2959974

Ion Ratio Lower Upper

112 100

64 60.8 48.2 72.4

63 33.1 26.0 39.0



Aniline

Concen: 6.045 ng

RT: 7.169 min Scan# 694

Delta R.T. -0.006 min

Lab File: BM047540.D

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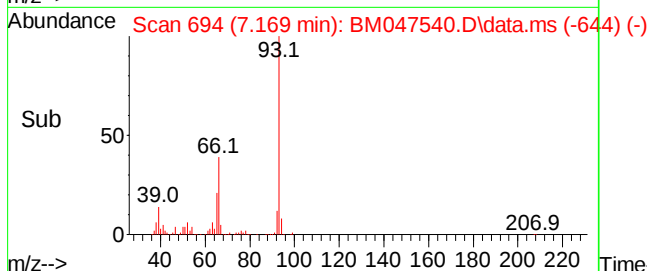
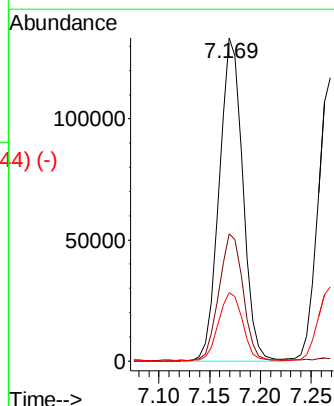
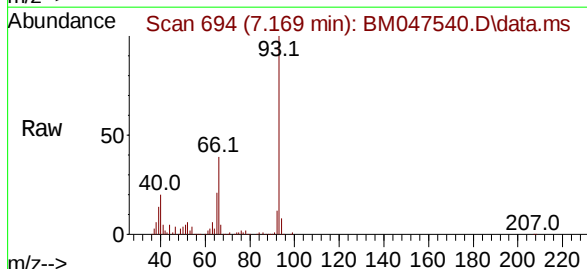
Tgt Ion: 93 Resp: 215083

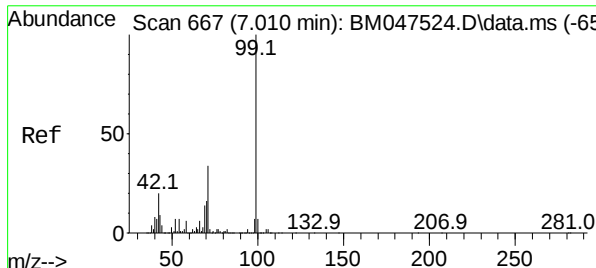
Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.0

65 21.3 16.3 24.5





Phenol-d6

Concen: 103.397 ng

RT: 7.004 min Scan#

Delta R.T. -0.006 min

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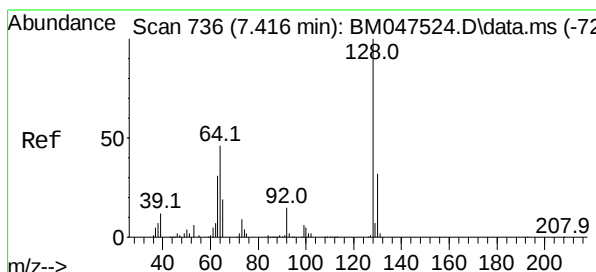
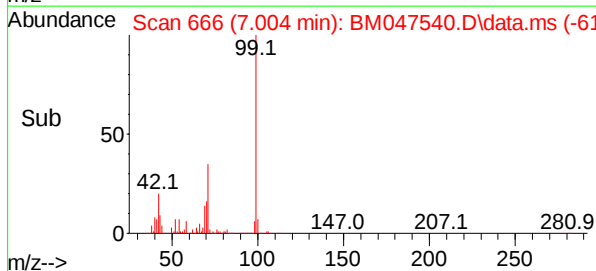
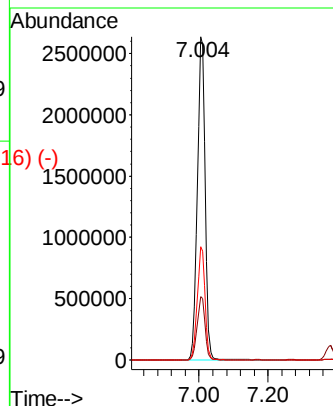
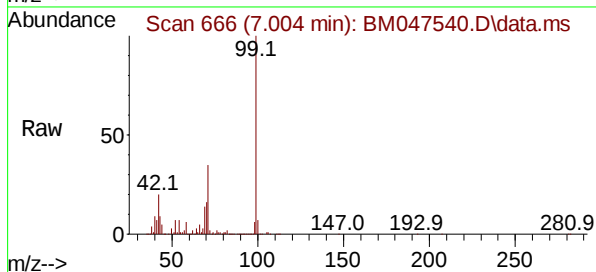
Tgt Ion: 99 Resp: 4149475

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.8

71 35.1 27.6 41.4



2-Chlorophenol

Concen: 5.246 ng

RT: 7.410 min Scan# 735

Delta R.T. -0.006 min

Lab File: BM047540.D

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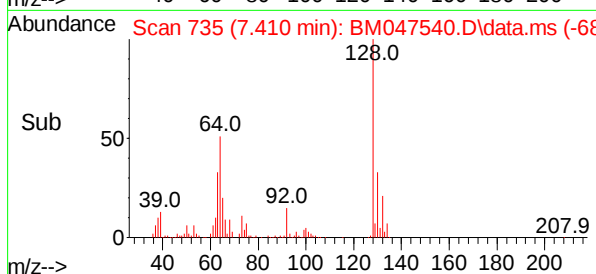
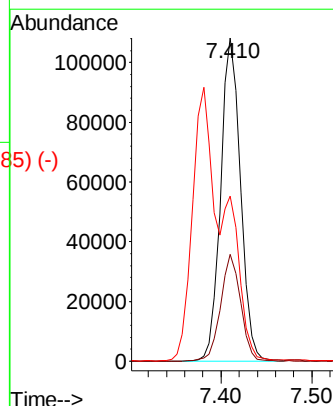
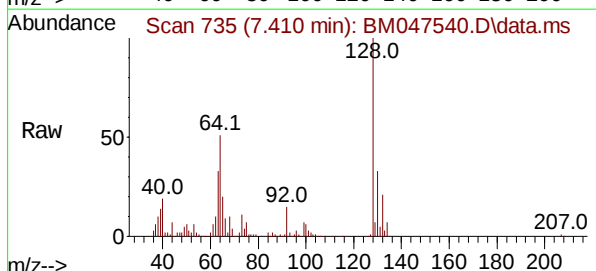
Tgt Ion: 128 Resp: 164806

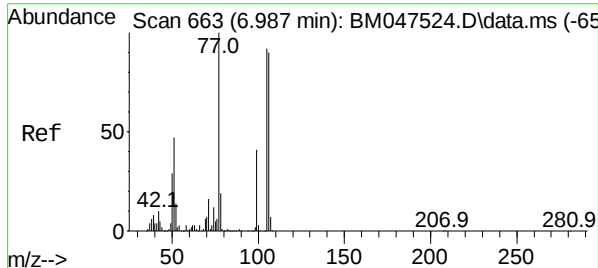
Ion Ratio Lower Upper

128 100

130 33.1 11.8 51.8

64 51.1 27.6 67.6





Benzaldehyde

Concen: 9.094 ng

RT: 6.981 min Scan# 663

Delta R.T. -0.006 min

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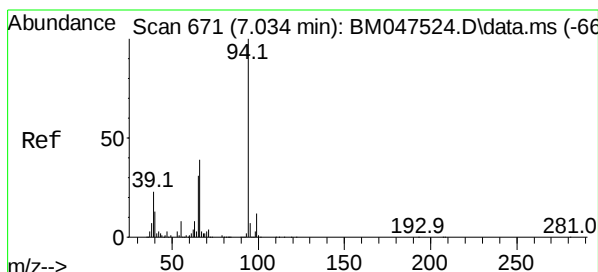
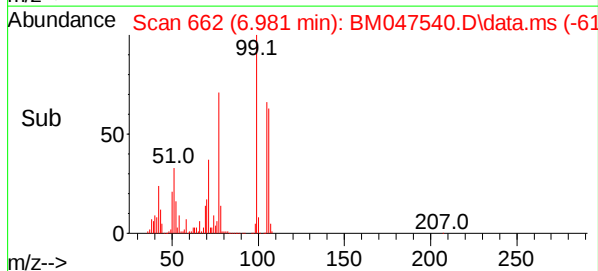
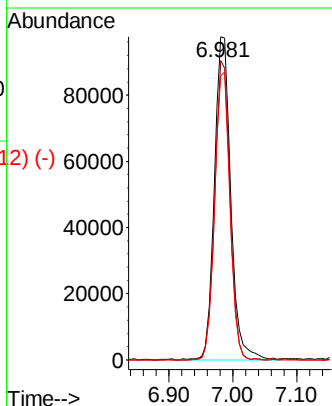
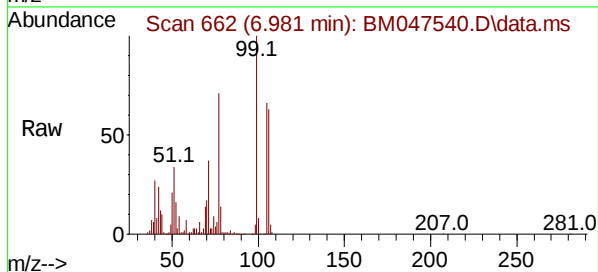
Tgt Ion: 77 Resp: 173536

Ion Ratio Lower Upper

77 100

105 92.7 71.8 111.8

106 87.9 69.7 109.7



Phenol

Concen: 5.318 ng

RT: 7.034 min Scan# 671

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

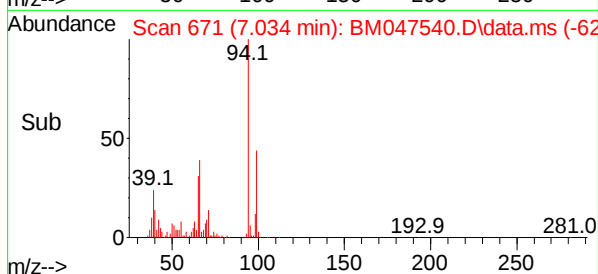
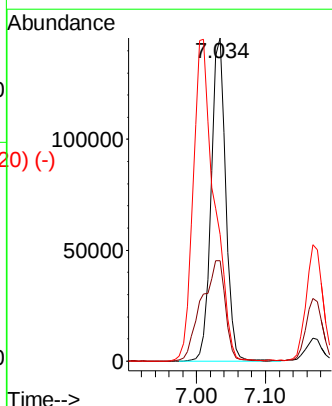
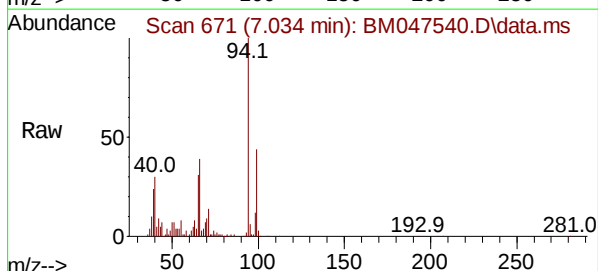
Tgt Ion: 94 Resp: 213684

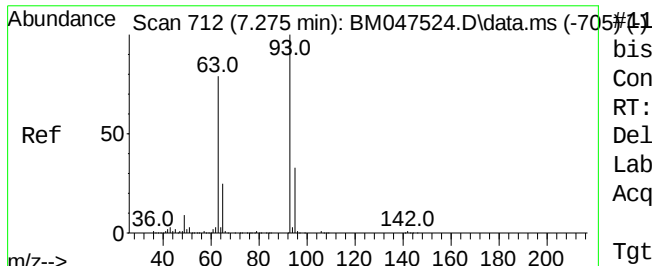
Ion Ratio Lower Upper

94 100

65 31.2 10.8 50.8

66 39.2 19.2 59.2

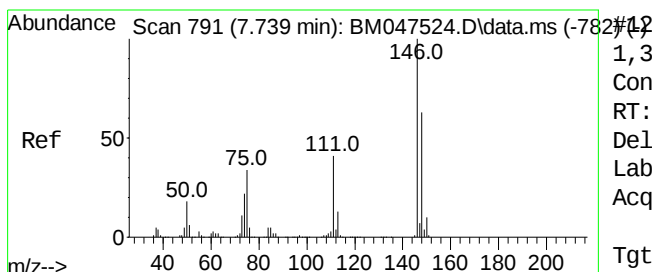
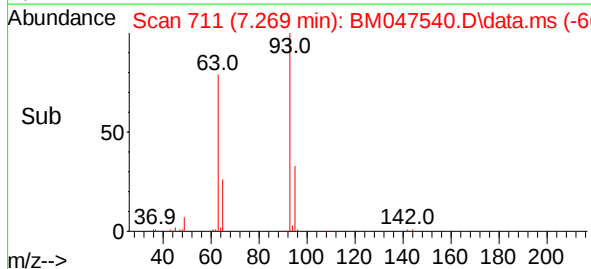
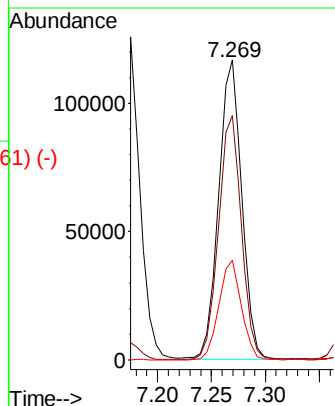
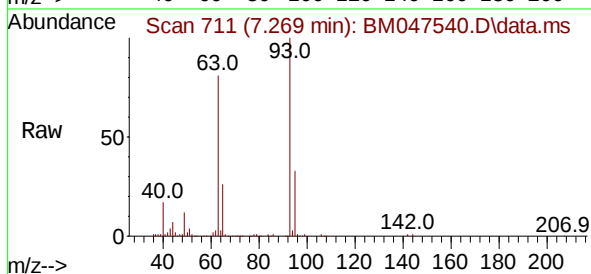




bis(2-Chloroethyl)ether
Concen: 5.431 ng
RT: 7.269 min Scan#
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

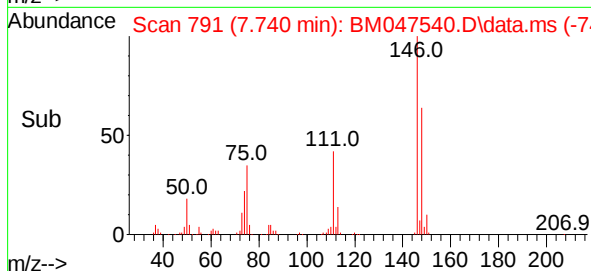
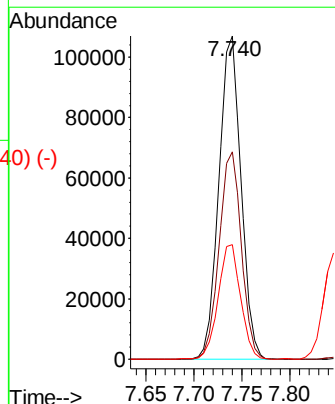
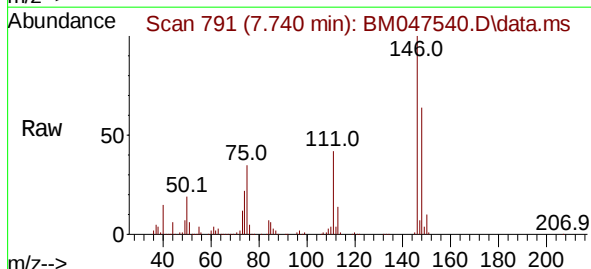
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:	93	Resp:	175197
Ion	Ratio	Lower	Upper
93	100		
63	81.4	58.2	98.2
95	33.3	12.8	52.8

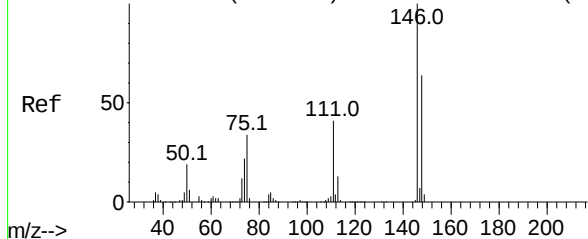


1,3-Dichlorobenzene
Concen: 4.984 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	146	Resp:	171373
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
75	35.4	27.4	41.0



Abundance Scan 816 (7.886 min): BM047524.D\data.ms (-807) #13



1,4-Dichlorobenzene

Concen: 5.040 ng

RT: 7.881 min Scan# 816

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

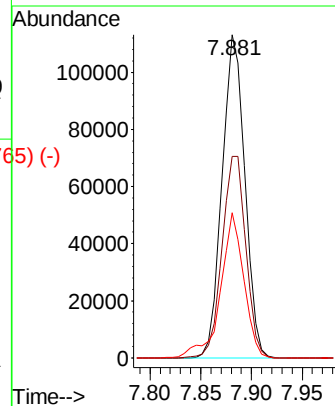
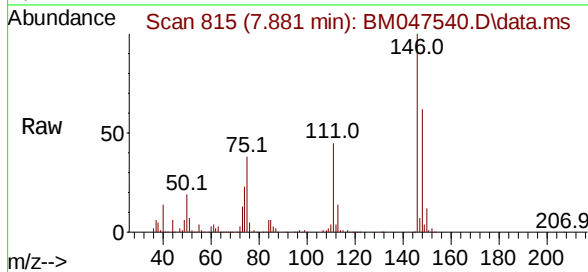
Tgt Ion:146 Resp: 176502

Ion Ratio Lower Upper

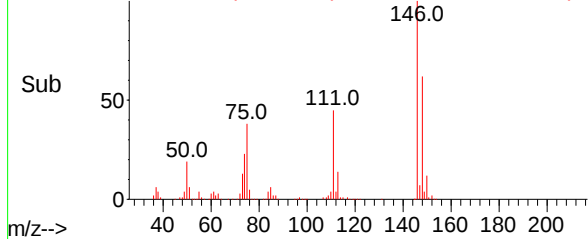
146 100

148 62.4 51.3 76.9

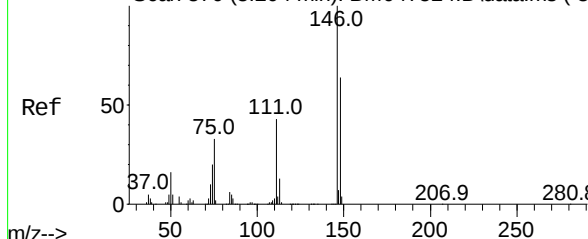
111 44.9 32.9 49.3



Abundance Scan 815 (7.881 min): BM047540.D\data.ms (-765) (-)



Abundance Scan 870 (8.204 min): BM047524.D\data.ms (-861) #14



1,2-Dichlorobenzene

Concen: 4.966 ng

RT: 8.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

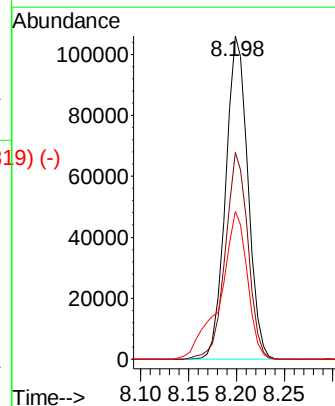
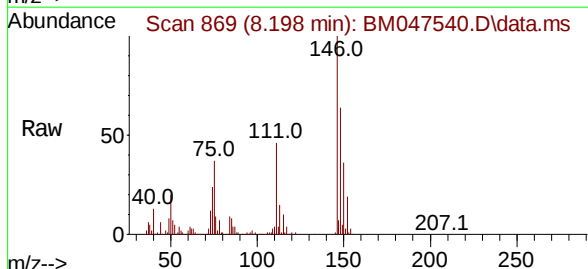
Tgt Ion:146 Resp: 171178

Ion Ratio Lower Upper

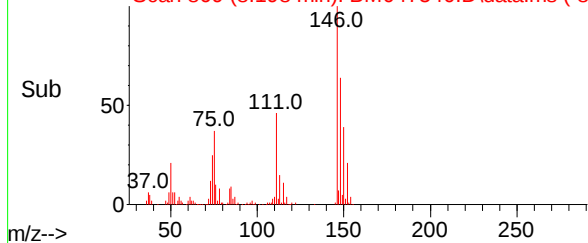
146 100

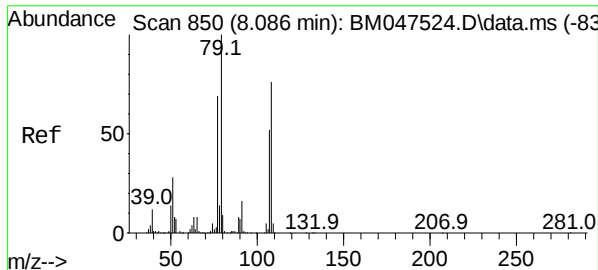
148 64.0 51.1 76.7

111 45.7 34.7 52.1



Abundance Scan 869 (8.198 min): BM047540.D\data.ms (-819) (-)





Benzyl Alcohol

Concen: 5.101 ng

RT: 8.081 min Scan# 849

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

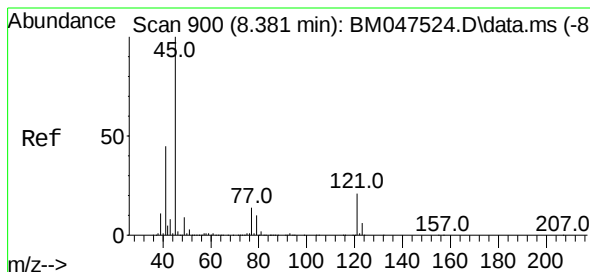
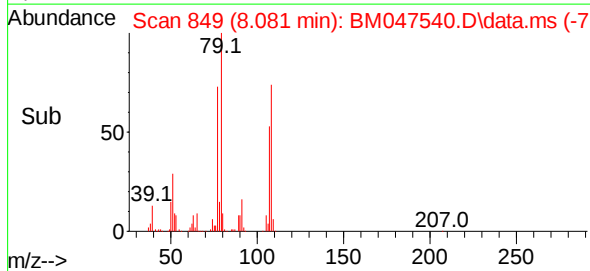
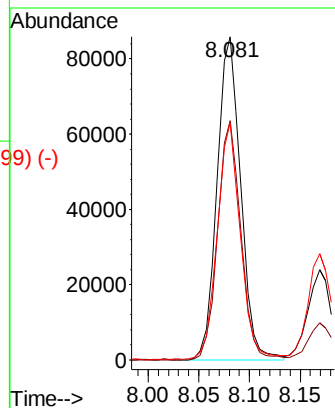
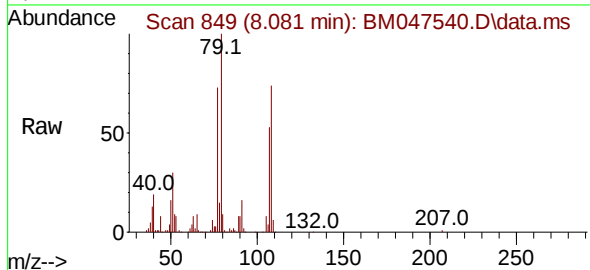
Tgt Ion: 79 Resp: 138654

Ion Ratio Lower Upper

79 100

108 74.1 60.6 91.0

77 73.4 55.0 82.4



2,2'-oxybis(1-Chloropropane)

Concen: 5.836 ng

RT: 8.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

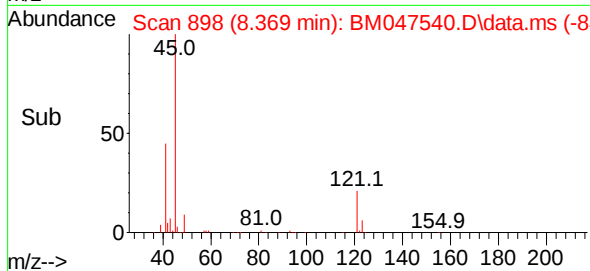
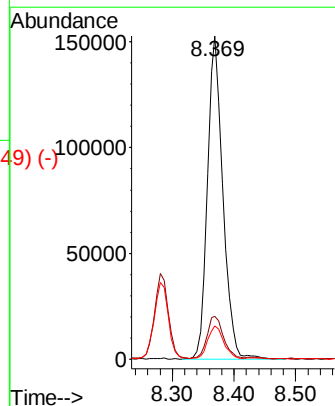
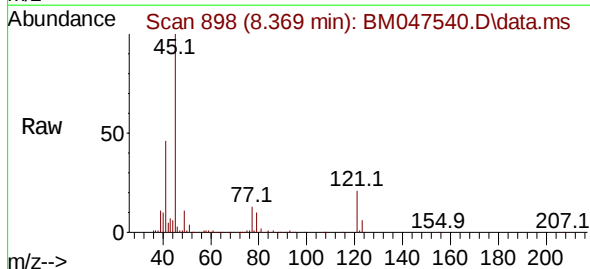
Tgt Ion: 45 Resp: 264815

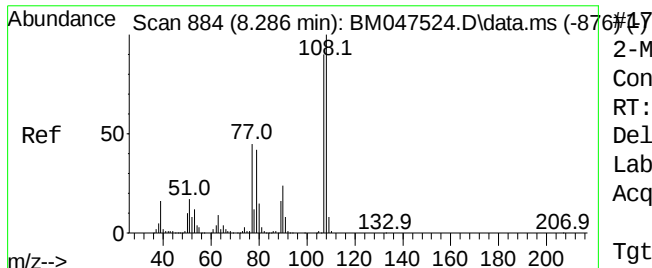
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.7

79 10.4 0.0 30.3





2-Methylphenol

Concen: 4.679 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:107 Resp: 120120

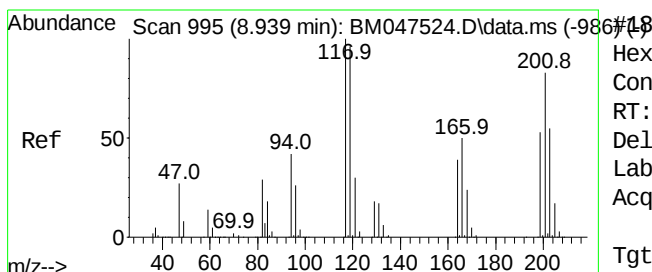
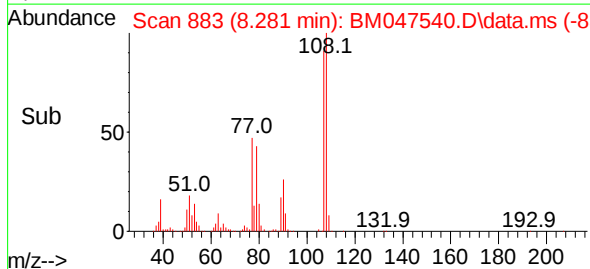
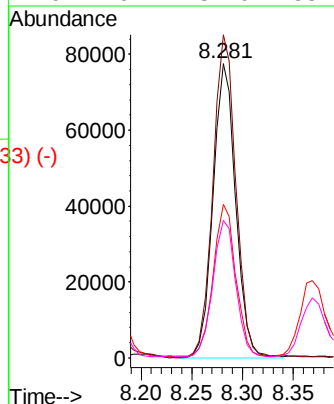
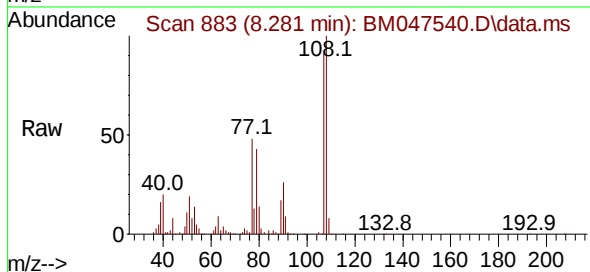
Ion Ratio Lower Upper

107 100

108 109.7 88.9 133.3

77 52.1 39.8 59.8

79 46.7 37.0 55.6



Hexachloroethane

Concen: 5.249 ng

RT: 8.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

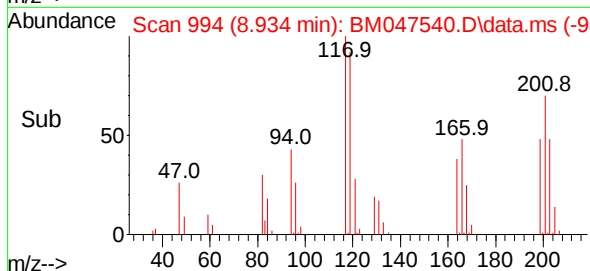
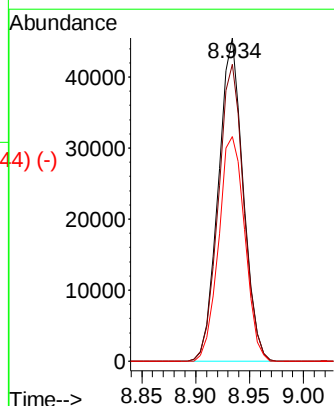
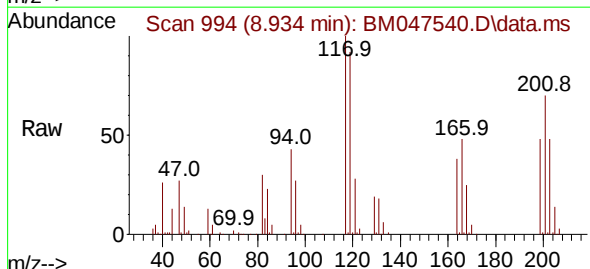
Tgt Ion:117 Resp: 73435

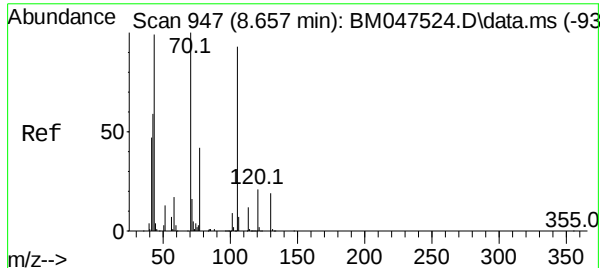
Ion Ratio Lower Upper

117 100

119 91.8 77.0 115.4

201 69.5 66.8 100.2

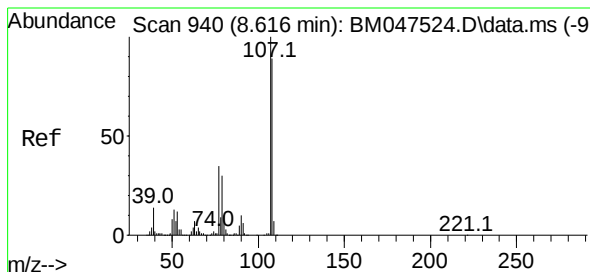
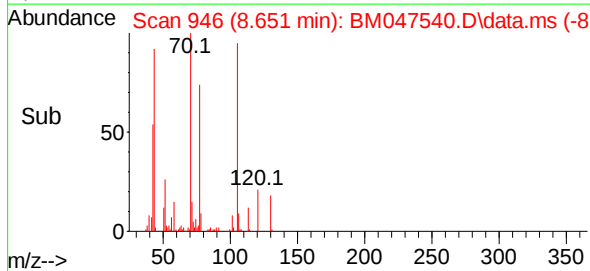
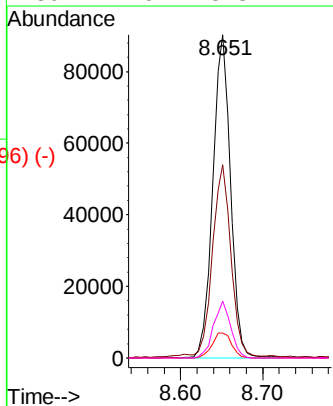
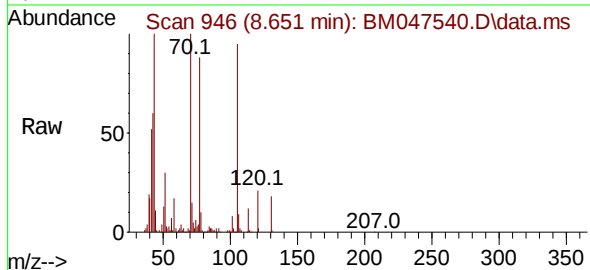




#19
n-Nitroso-di-n-propylamine
Concen: 5.020 ng
RT: 8.651 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

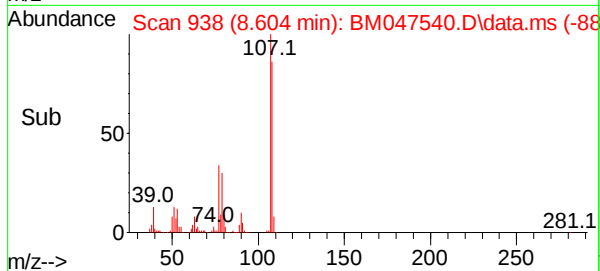
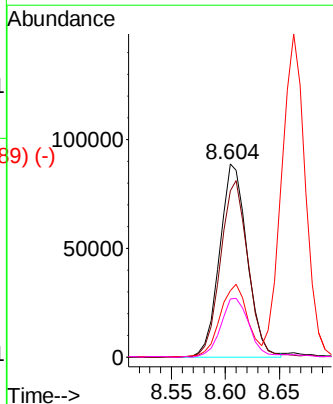
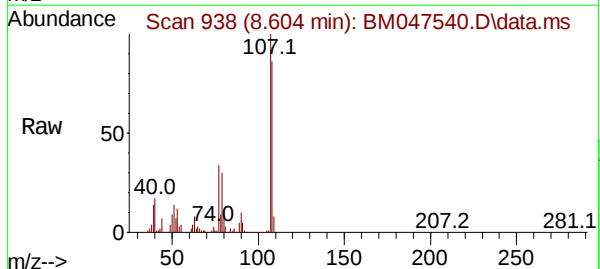
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

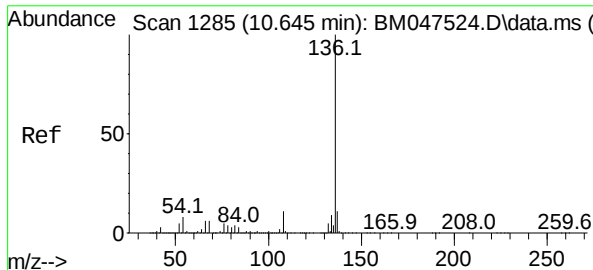
Tgt Ion:	70	Resp:	135825
Ion	Ratio	Lower	Upper
70	100		
42	59.8	48.2	72.2
101	7.7	7.0	10.4
130	17.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 4.439 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	107	Resp:	158998
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.9	108.9
77	34.4	15.5	55.5
79	30.1	10.0	50.0



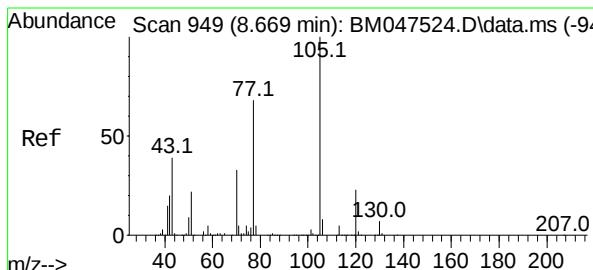
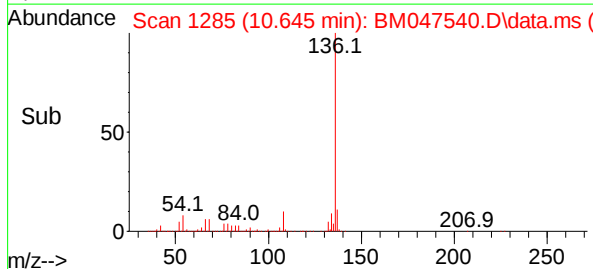
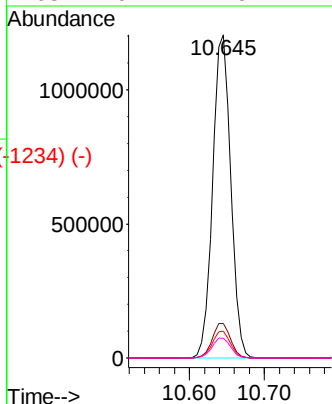
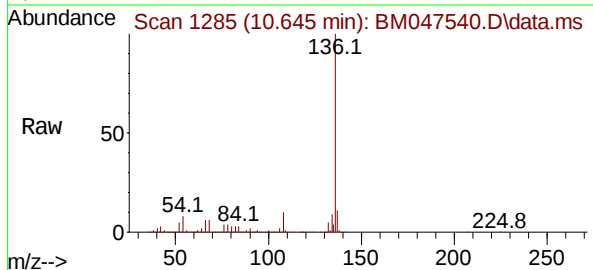


Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:136 Resp: 2012471

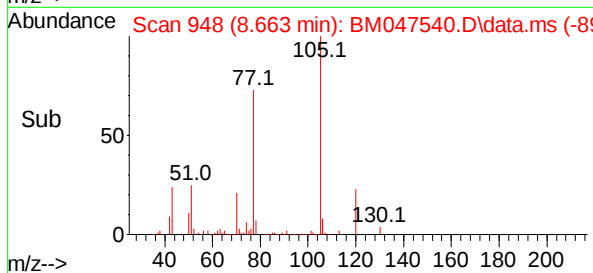
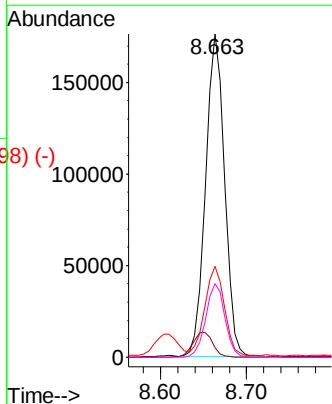
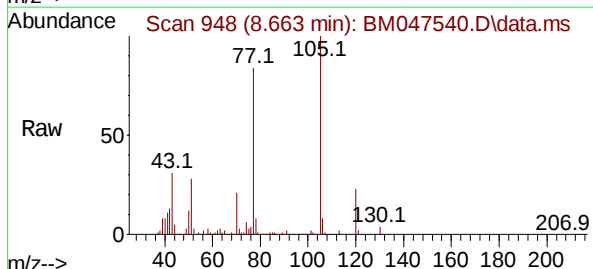
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.2	6.6	9.8
68	6.2	4.9	7.3



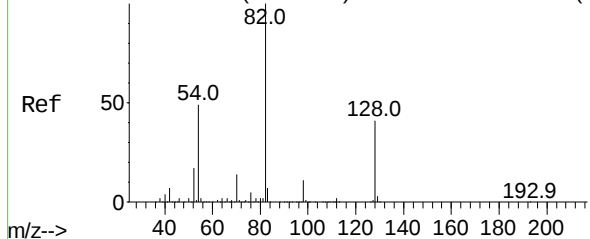
Acetophenone
Concen: 5.083 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:105 Resp: 268937

Ion	Ratio	Lower	Upper
105	100		
71	3.0	4.3	6.5#
51	28.1	21.5	32.3
120	22.7	18.6	28.0



Abundance Scan 1006 (9.004 min): BM047524.D\data.ms (-99528)



Nitrobenzene-d5

Concen: 79.727 ng

RT: 8.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 82 Resp: 3206025

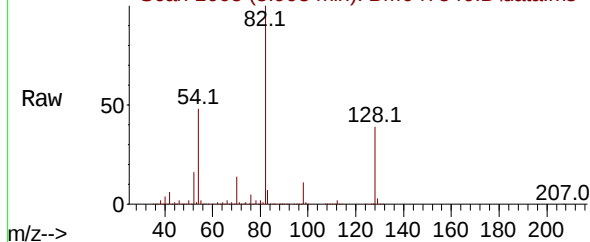
Ion Ratio Lower Upper

82 100

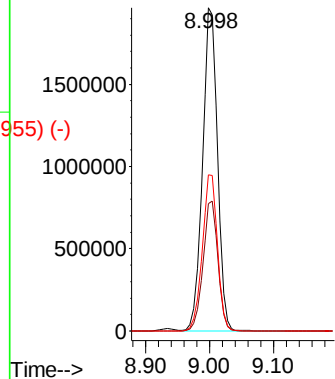
128 39.4 33.0 49.4

54 48.3 39.3 58.9

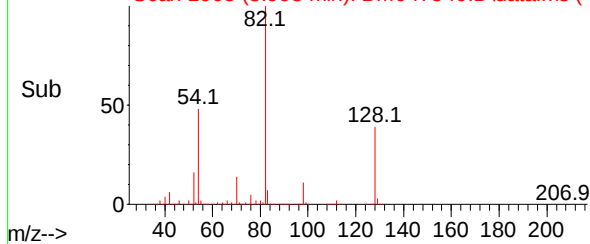
Abundance Scan 1005 (8.998 min): BM047540.D\data.ms



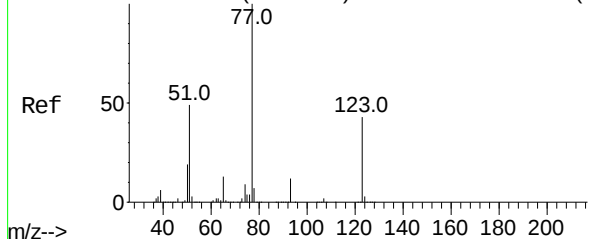
Abundance



Abundance Scan 1005 (8.998 min): BM047540.D\data.ms (-955) (-)



Abundance Scan 1013 (9.045 min): BM047524.D\data.ms (-99524)



Nitrobenzene

Concen: 5.377 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion: 77 Resp: 222181

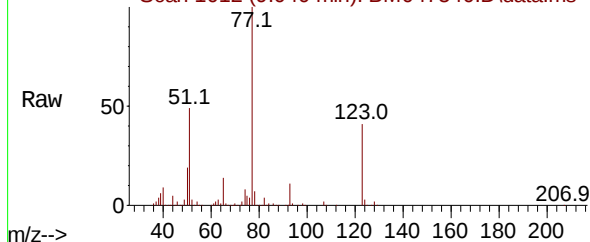
Ion Ratio Lower Upper

77 100

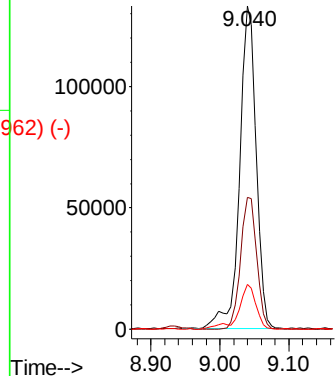
123 40.7 34.5 51.7

65 13.8 10.7 16.1

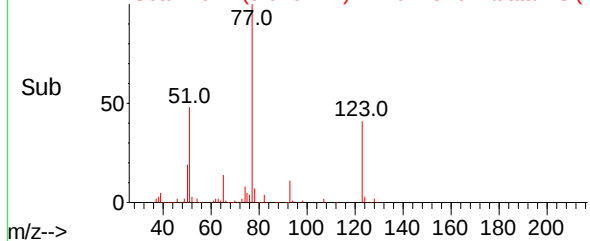
Abundance Scan 1012 (9.040 min): BM047540.D\data.ms



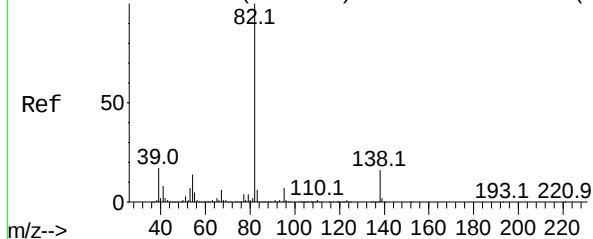
Abundance



Abundance Scan 1012 (9.040 min): BM047540.D\data.ms (-962) (-)



Abundance Scan 1103 (9.575 min): BM047524.D\data.ms (-1052) (-)



Isophorone

Concen: 5.072 ng

RT: 9.569 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

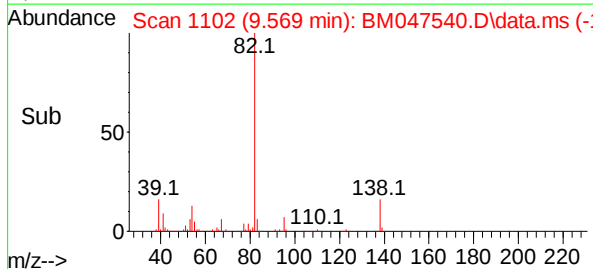
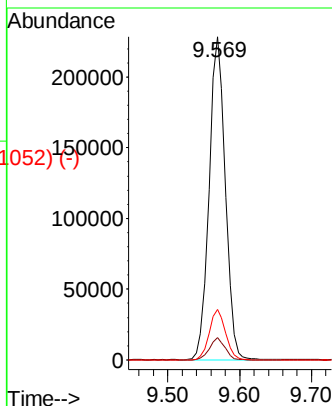
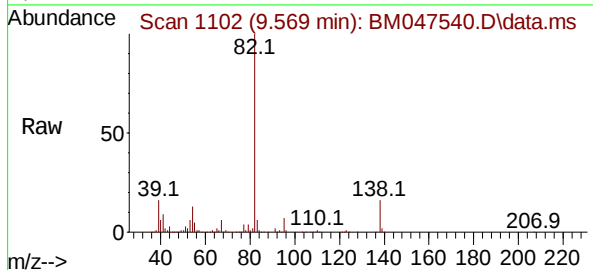
Tgt Ion: 82 Resp: 358591

Ion Ratio Lower Upper

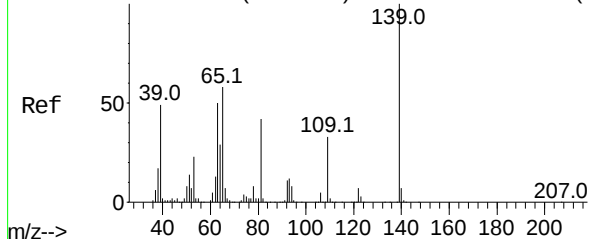
82 100

95 6.8 5.4 8.0

138 15.7 12.9 19.3



Abundance Scan 1134 (9.757 min): BM047524.D\data.ms (-1083) (-)



2-Nitrophenol

Concen: 3.949 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

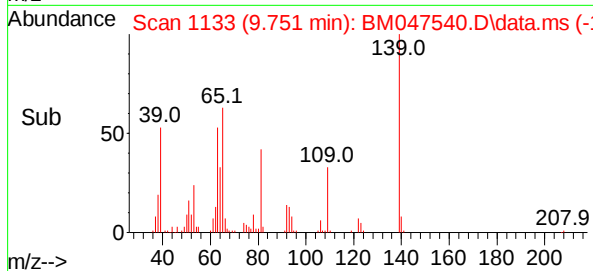
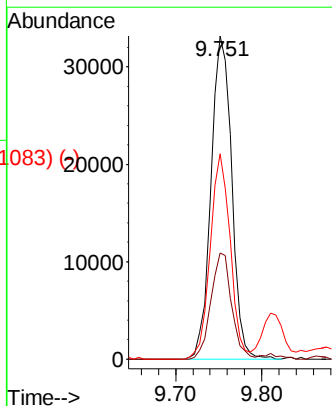
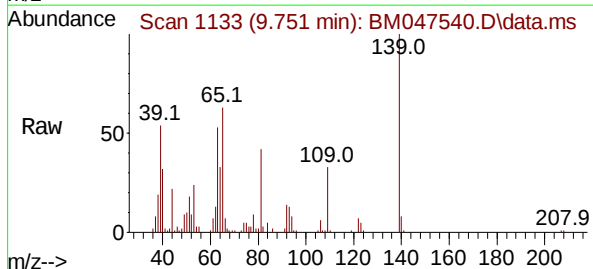
Tgt Ion: 139 Resp: 55598

Ion Ratio Lower Upper

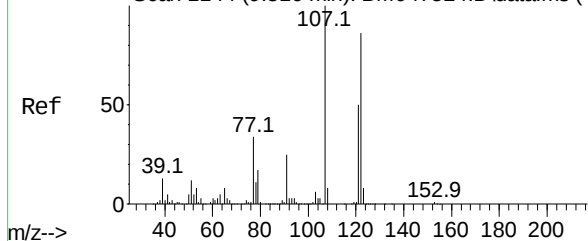
139 100

109 32.9 26.0 39.0

65 63.5 46.2 69.4



Abundance Scan 1144 (9.816 min): BM047524.D\data.ms (-1187) (-)



2,4-Dimethylphenol

Concen: 2.973 ng

RT: 9.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:122 Resp: 63467

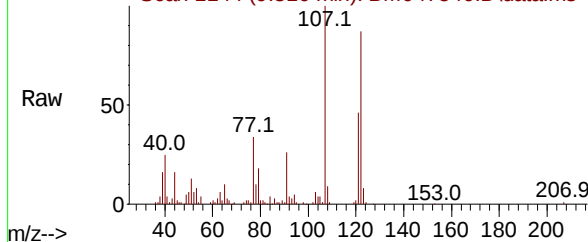
Ion Ratio Lower Upper

122 100

107 115.5 92.4 138.6

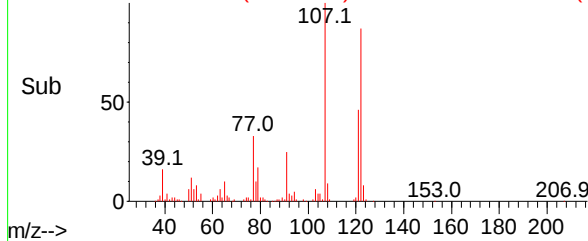
121 52.6 46.2 69.4

Abundance Scan 1144 (9.816 min): BM047540.D\data.ms

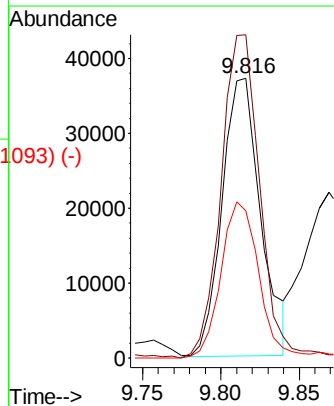


m/z-->

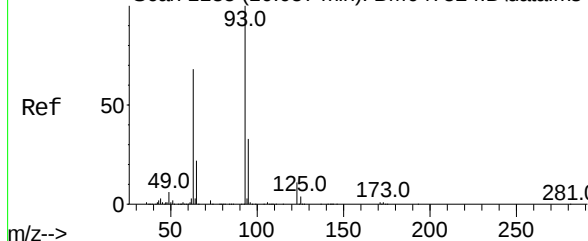
Abundance Scan 1144 (9.816 min): BM047540.D\data.ms (-1093) (-)



m/z-->



Abundance Scan 1185 (10.057 min): BM047524.D\data.ms (-1175) (-)



bis(2-Chloroethoxy)methane

Concen: 5.140 ng

RT: 10.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion: 93 Resp: 228265

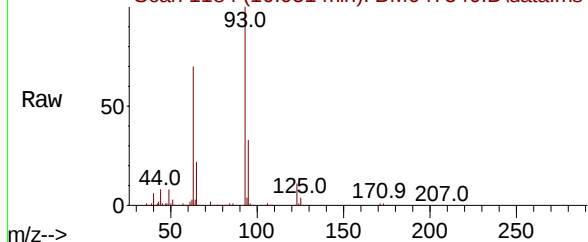
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

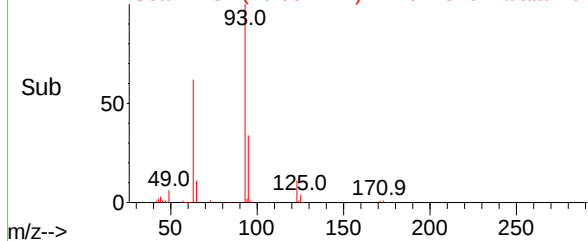
123 11.2 9.2 13.8

Abundance Scan 1184 (10.051 min): BM047540.D\data.ms

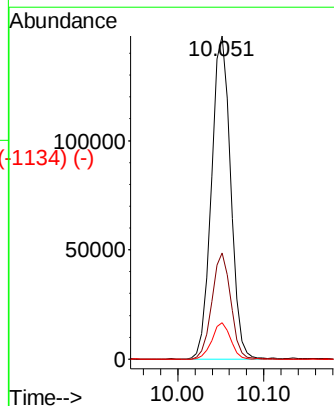


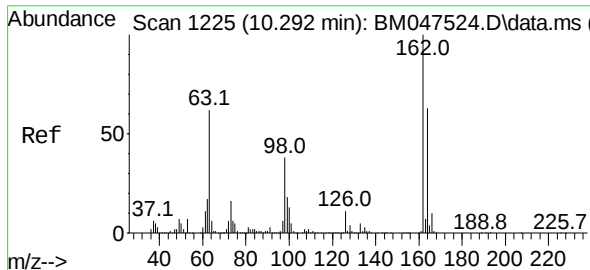
m/z-->

Abundance Scan 1184 (10.051 min): BM047540.D\data.ms (-1134) (-)



m/z-->

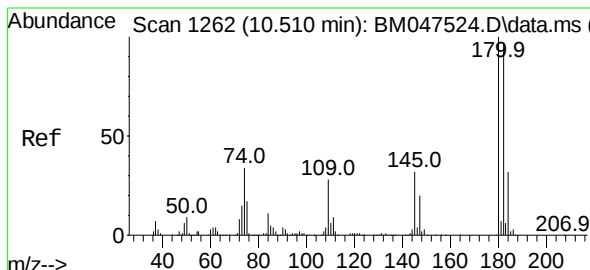
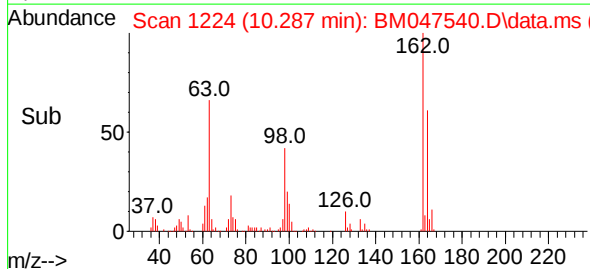
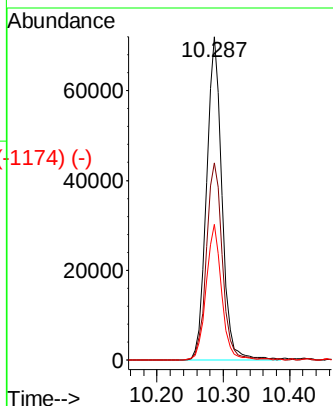
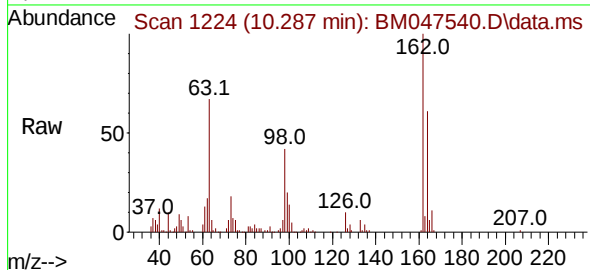




2,4-Dichlorophenol
Concen: 4.315 ng
RT: 10.287 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

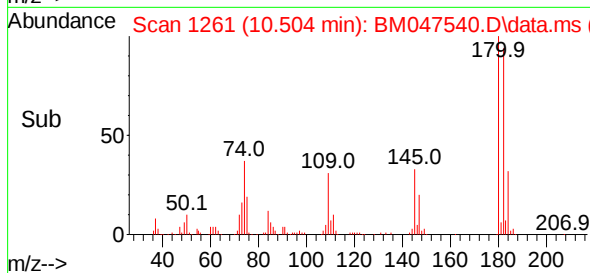
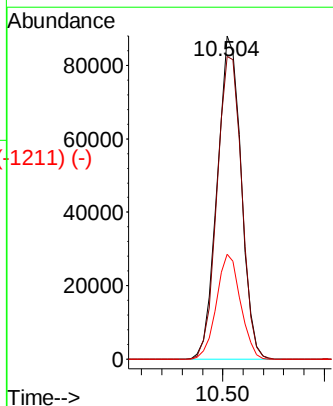
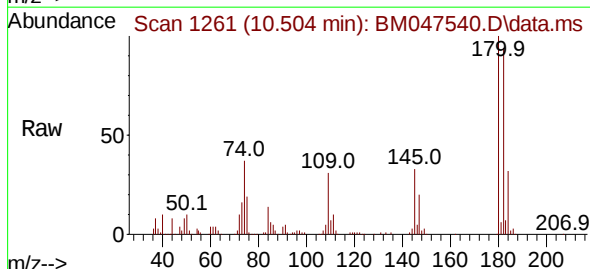
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

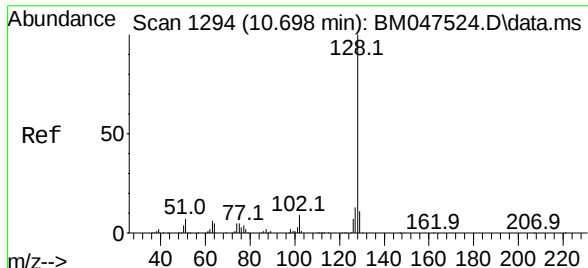
Tgt Ion:	162	Resp:	117006
Ion	Ratio	Lower	Upper
162	100		
164	61.1	43.5	83.5
98	41.9	17.6	57.6



1,2,4-Trichlorobenzene
Concen: 4.625 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	180	Resp:	143657
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.6	116.4
145	32.5	25.4	38.0

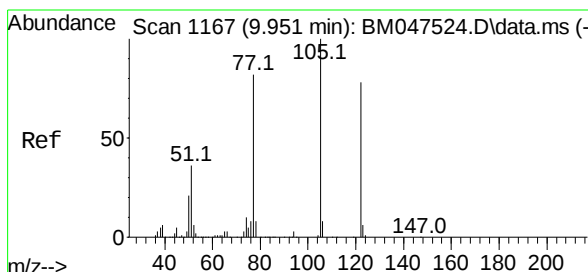
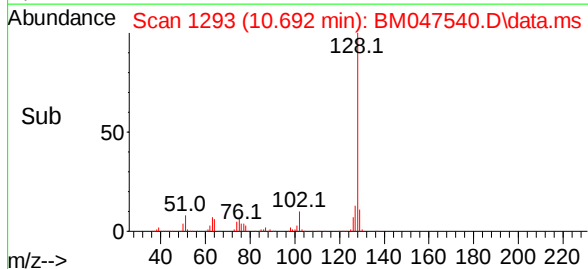
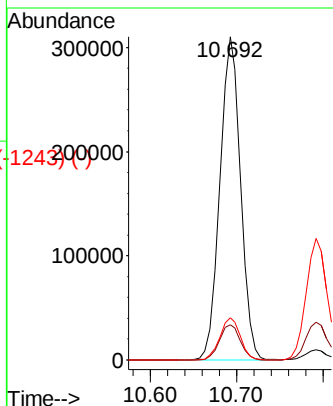
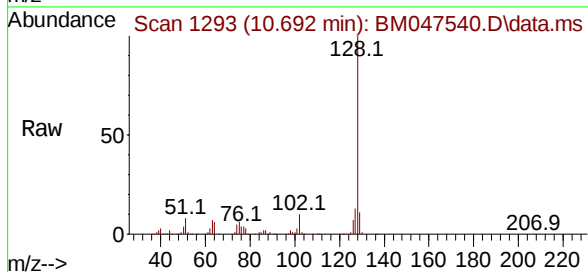




Naphthalene
Concen: 4.801 ng
RT: 10.692 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

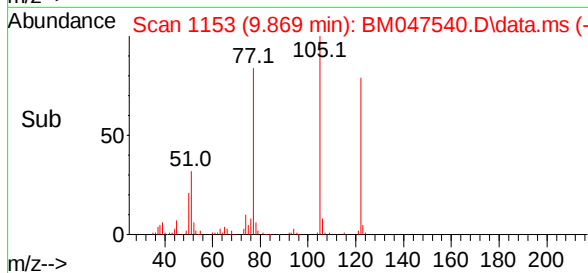
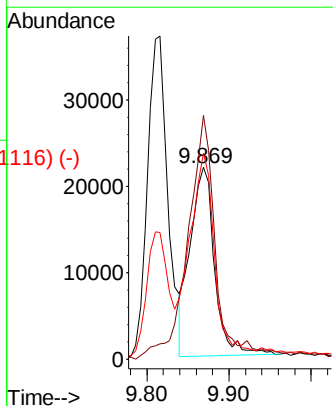
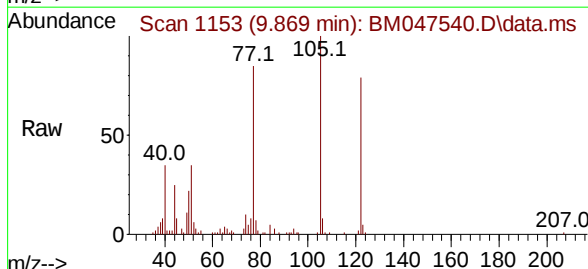
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

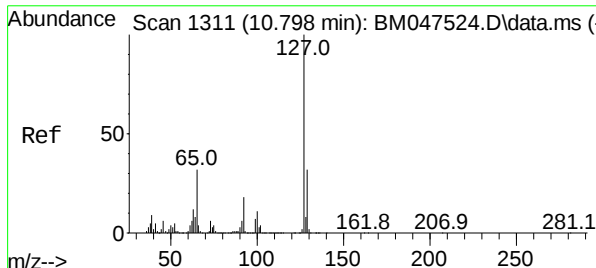
Tgt Ion:	128	Resp:	521827
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.5	15.7



Benzoic acid
Concen: 8.524 ng
RT: 9.869 min Scan# 1153
Delta R.T. -0.082 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	122	Resp:	44624
Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.7	144.7
77	107.6	83.4	123.4

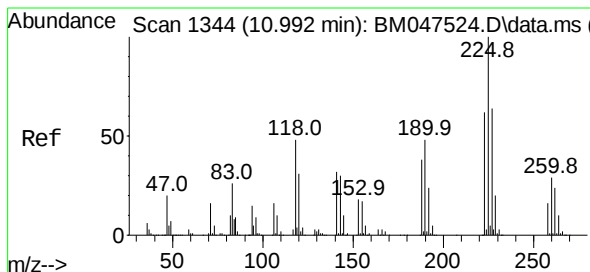
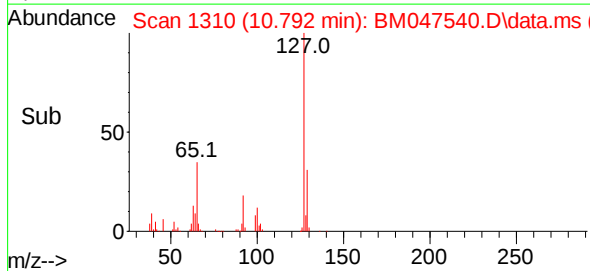
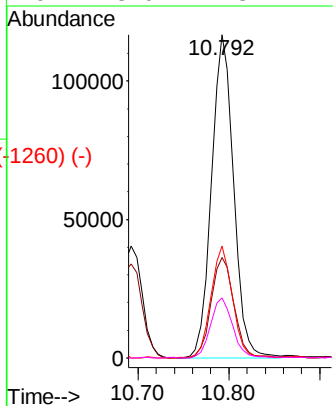
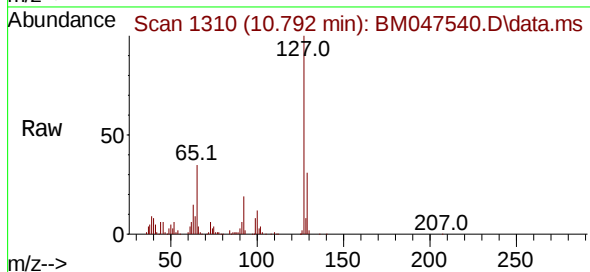




4-Chloroaniline
 Concen: 5.025 ng
 RT: 10.792 min Scan# 1311
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

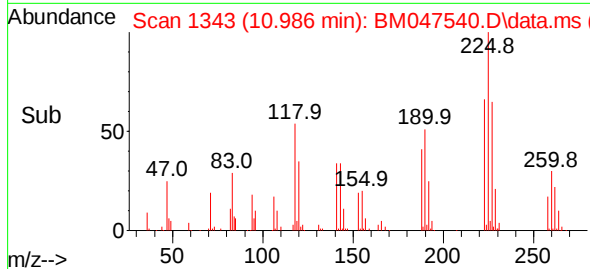
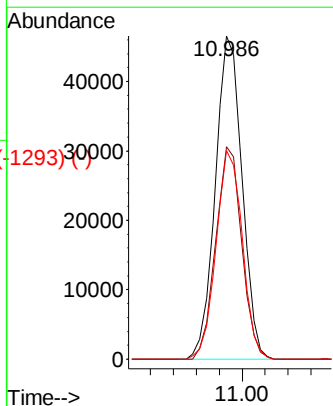
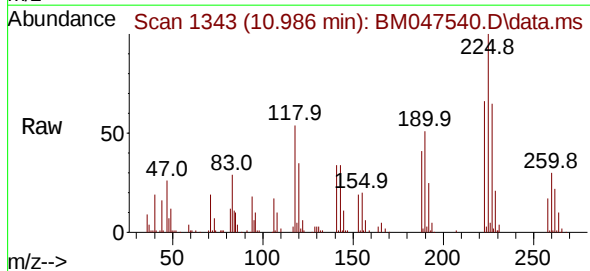
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

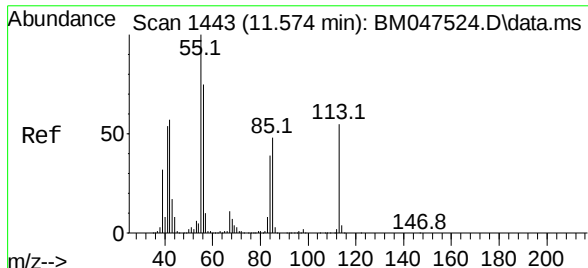
Tgt Ion:	127	Resp:	197484
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.0
65	34.7	25.5	38.3
92	18.6	14.8	22.2



Hexachlorobutadiene
 Concen: 4.368 ng
 RT: 10.986 min Scan# 1343
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	225	Resp:	75148
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.8	74.6
227	64.6	51.0	76.4

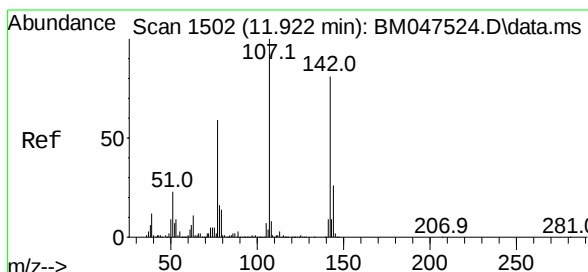
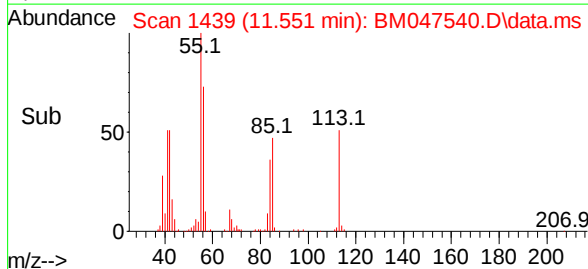
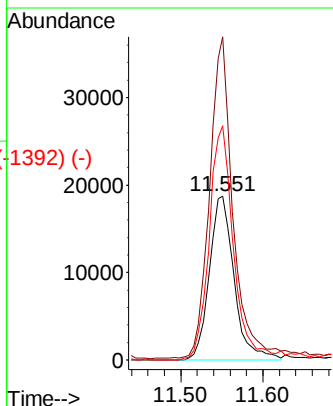
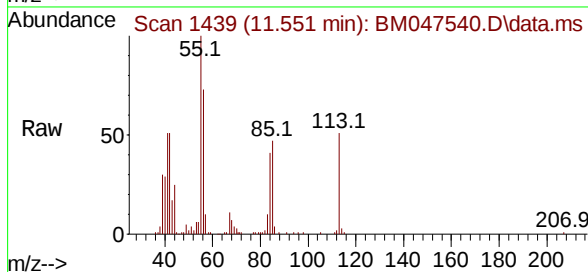




Caprolactam
Concen: 4.390 ng
RT: 11.551 min Scan# 1439
Delta R.T. -0.023 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

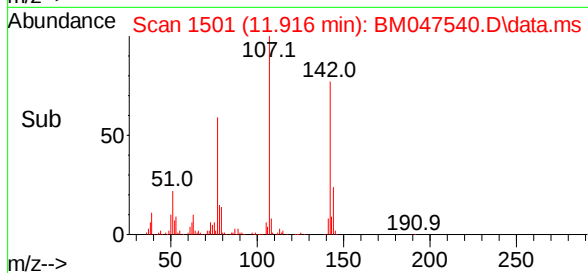
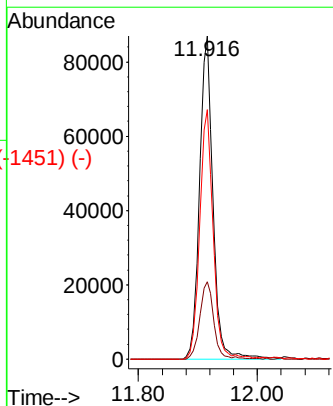
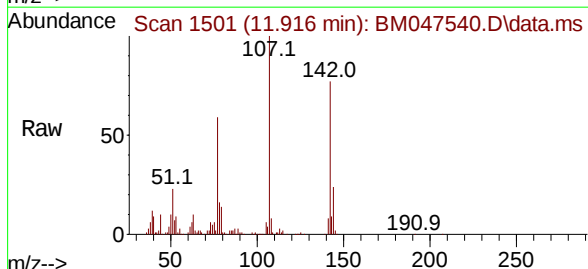
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

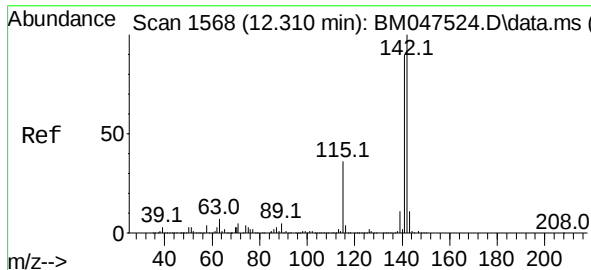
Tgt Ion:	113	Resp:	39214
Ion	Ratio	Lower	Upper
113	100		
55	197.2	162.5	202.5
56	143.1	116.5	156.5



4-Chloro-3-methylphenol
Concen: 4.435 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	107	Resp:	137830
Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.5	30.7
142	77.3	65.0	97.4

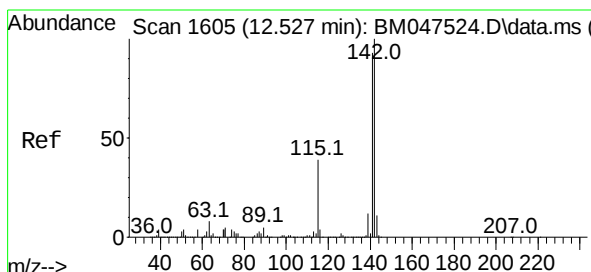
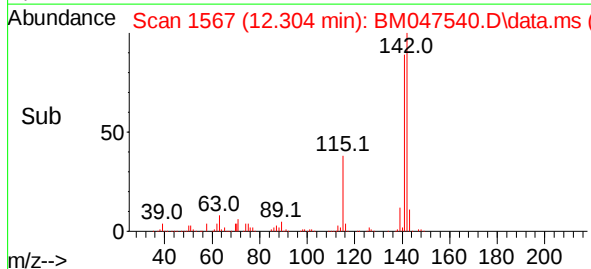
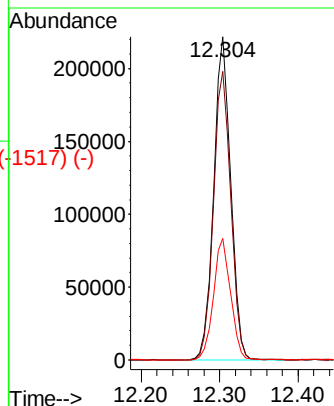
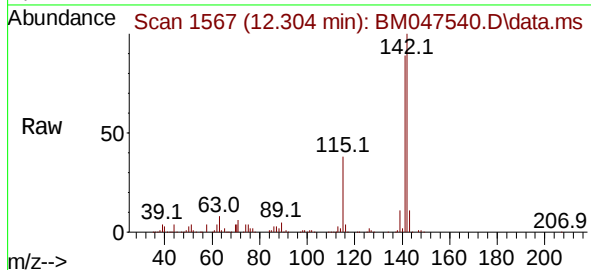




2-Methylnaphthalene
Concen: 4.620 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

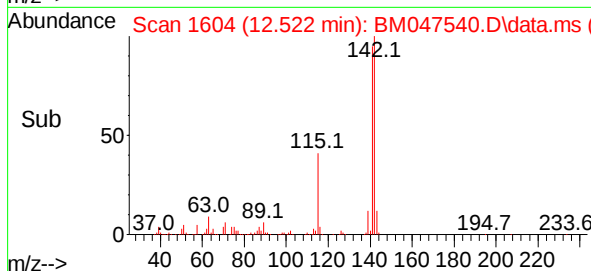
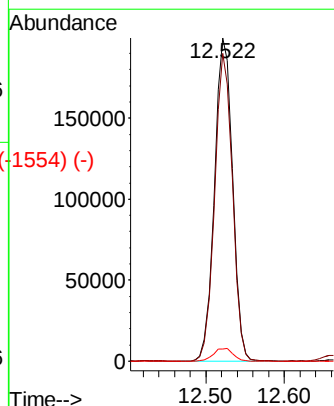
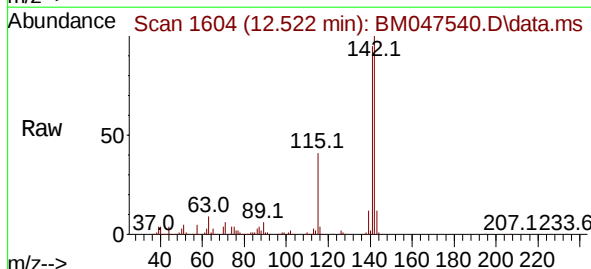
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

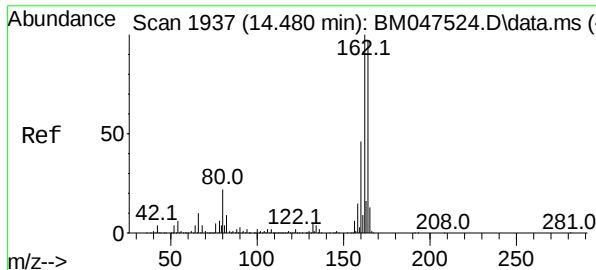
Tgt Ion:	142	Resp:	334237
Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.4
115	37.7	29.1	43.7



1-Methylnaphthalene
Concen: 4.440 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	142	Resp:	319163
Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.7	112.1
116	3.8	3.2	4.8





Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

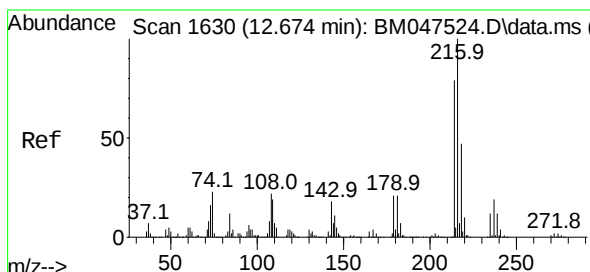
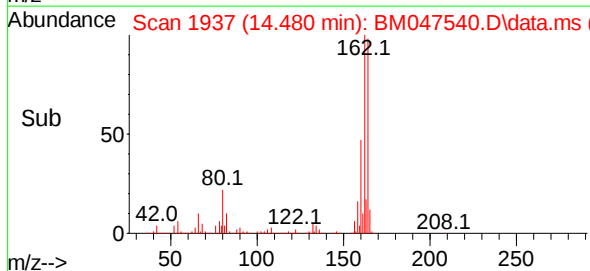
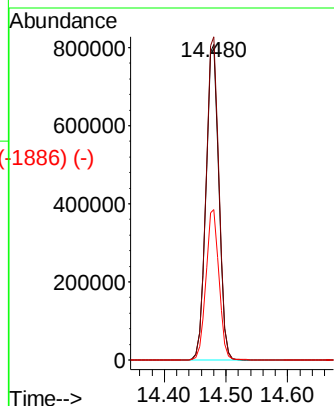
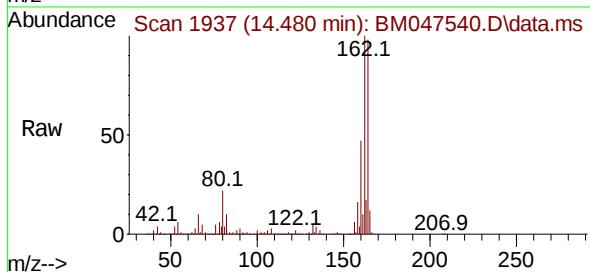
Tgt Ion:164 Resp: 1165518

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

160 47.7 38.2 57.2



1,2,4,5-Tetrachlorobenzene

Concen: 4.715 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion:216 Resp: 148712

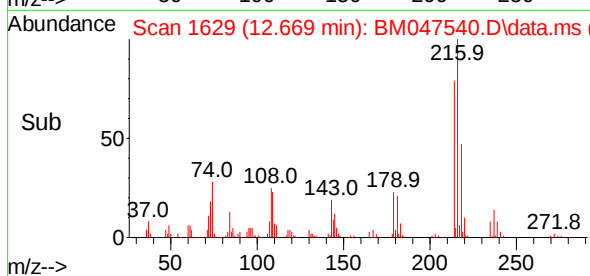
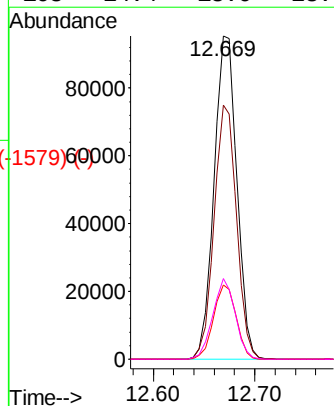
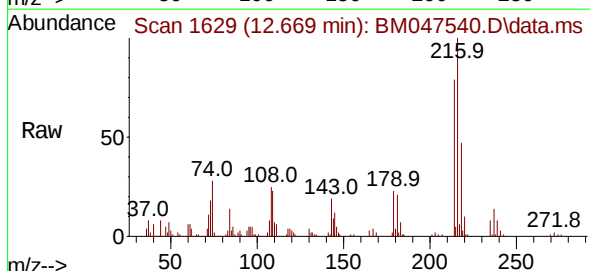
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 22.8 17.5 26.3

108 24.4 18.6 28.0



Abundance Scan 1628 (12.663 min): BM047524.D\data.ms (-1540) (-)

Hexachlorocyclopentadiene

Concen: 2.719 ng

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:237 Resp: 28032

Ion Ratio Lower Upper

237 100

235 59.2 42.0 82.0

272 10.4 0.0 31.5

Abundance Scan 1628 (12.663 min): BM047540.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1628 (12.663 min): BM047540.D\data.ms (-1577) (-)

Ref

Raw

Sub

m/z-->

Abundance

12.663

15000

10000

5000

0

Time-->

Abundance Scan 2189 (15.963 min): BM047524.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 109.014 ng

RT: 15.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion:330 Resp: 1228119

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 54.0 42.2 63.2

Abundance Scan 2189 (15.963 min): BM047540.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 2189 (15.963 min): BM047540.D\data.ms (-2138) (-)

Ref

Raw

Sub

m/z-->

Abundance

15.963

800000

600000

400000

200000

0

Time-->

Abundance Scan 1670 (12.910 min): BM047524.D\data.ms (-1662) (-)

2,4,6-Trichlorophenol

Concen: 4.051 ng

RT: 12.910 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Ref

Abundance Scan 1670 (12.910 min): BM047540.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 1670 (12.910 min): BM047540.D\data.ms (-1619) (-)

Raw

Sub

m/z-->

Tgt Ion:196 Resp: 80032

Ion Ratio Lower Upper

196 100

198 91.0 76.9 115.3

200 31.3 24.3 36.5

Abundance

12.910

50000

40000

30000

20000

10000

0

Time-->

12.85 12.90 12.95

Abundance Scan 1682 (12.980 min): BM047524.D\data.ms (-1640) (-)

2,4,5-Trichlorophenol

Concen: 4.112 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion:196 Resp: 91775

Ion Ratio Lower Upper

196 100

198 97.8 77.4 116.2

97 68.2 49.8 74.8

132 33.0 24.5 36.7

Ref

Abundance Scan 1681 (12.975 min): BM047540.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 1681 (12.975 min): BM047540.D\data.ms (-1631) (-)

Raw

Sub

m/z-->

Abundance

12.975

50000

40000

30000

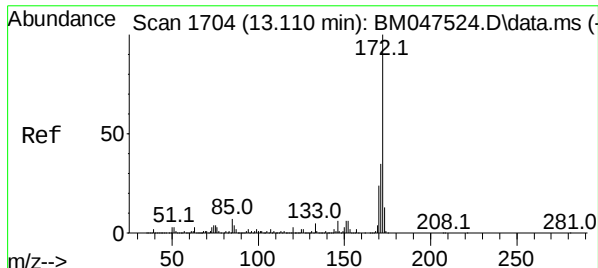
20000

10000

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Time-->

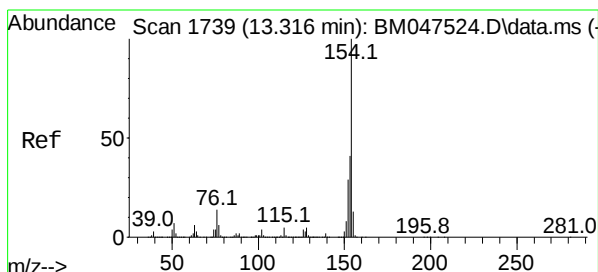
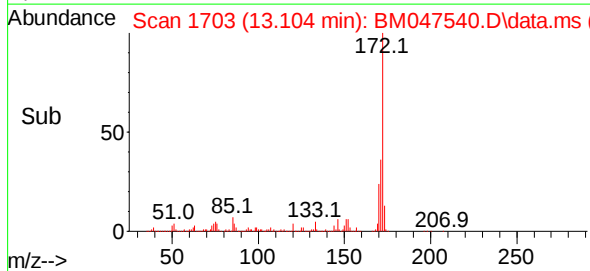
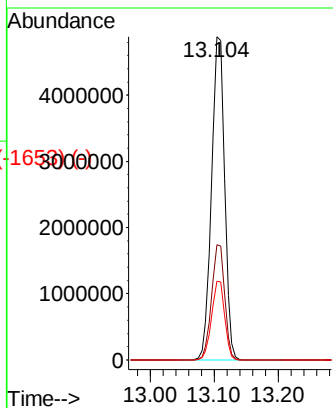
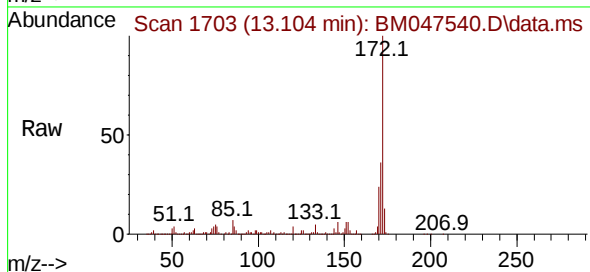
12.90 13.00



2-Fluorobiphenyl
 Concen: 81.271 ng
 RT: 13.104 min Scan# 1703
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

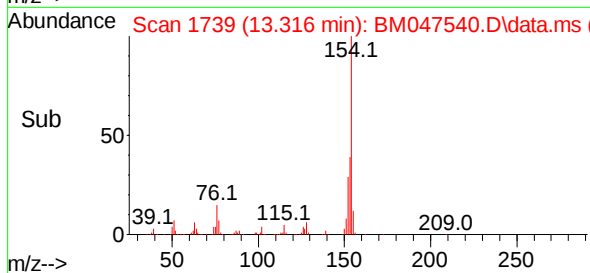
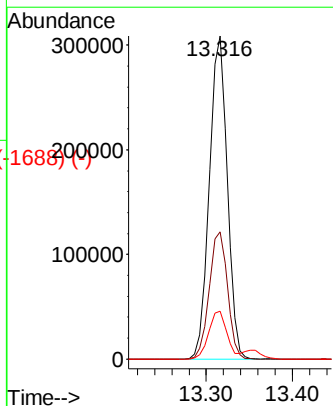
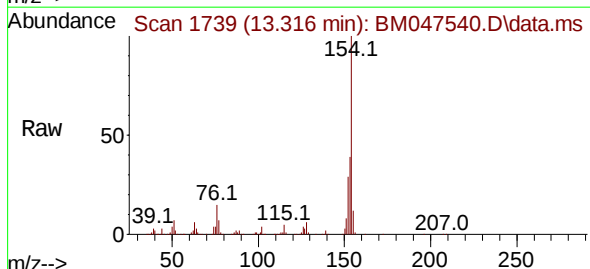
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

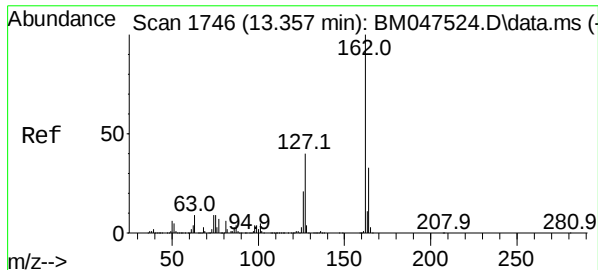
Tgt Ion:	172	Resp:	6876318
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	24.3	19.4	29.0



1,1'-Biphenyl
 Concen: 4.897 ng
 RT: 13.316 min Scan# 1739
 Delta R.T. 0.000 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	154	Resp:	444046
Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.6	60.6
76	14.9	0.0	33.9

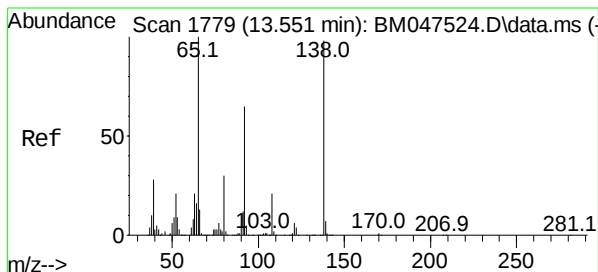
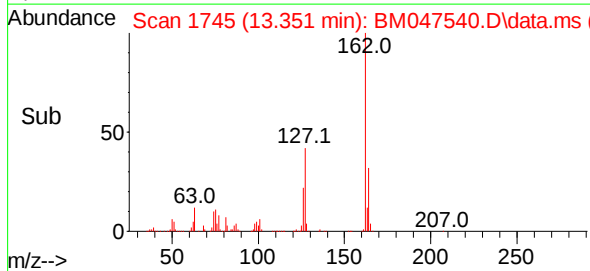
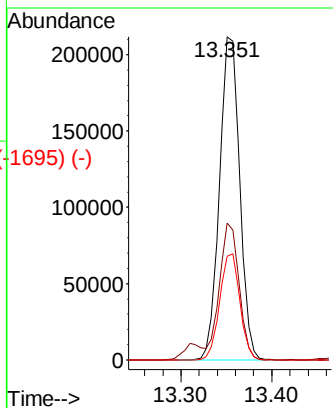
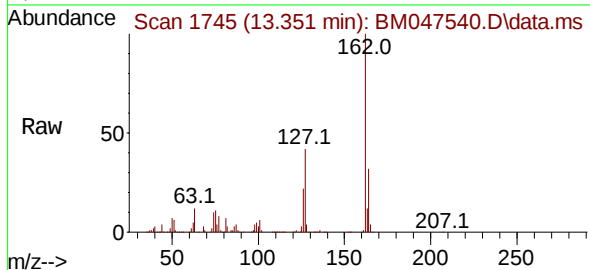




2-Chloronaphthalene
Concen: 4.657 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

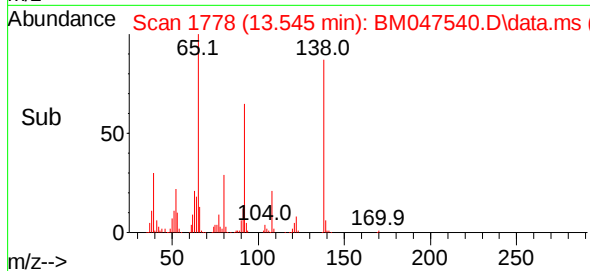
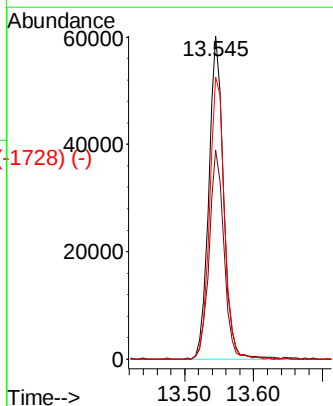
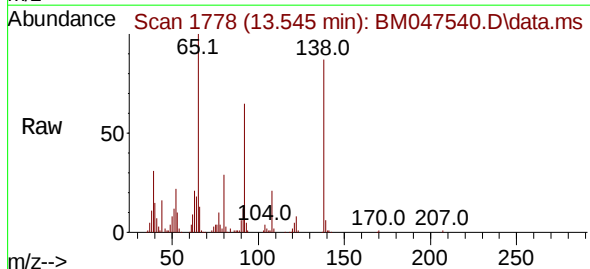
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

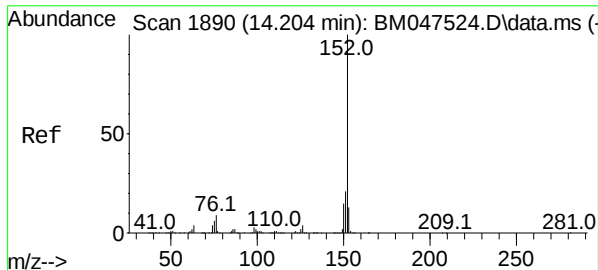
Tgt Ion:	162	Resp:	327945
Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.2	48.4
164	32.2	26.3	39.5



2-Nitroaniline
Concen: 4.316 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	65	Resp:	89257
Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.9	77.9
138	87.2	78.5	117.7

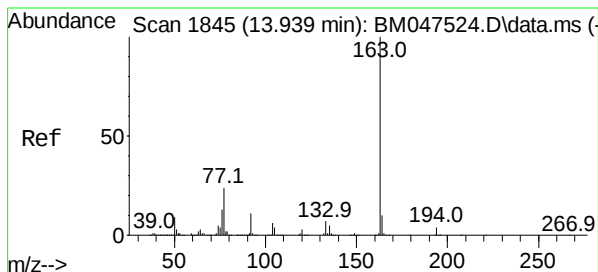
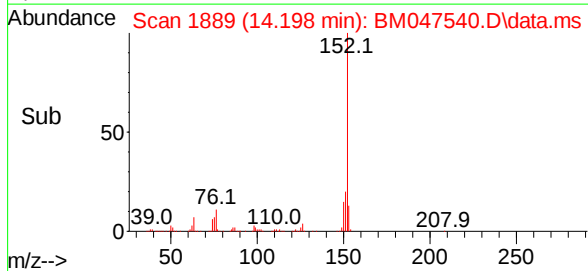
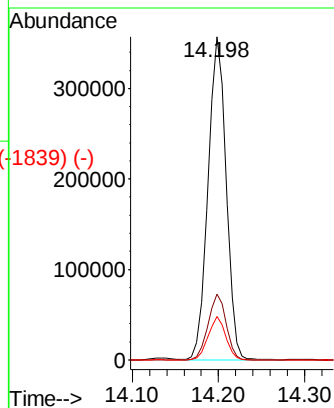
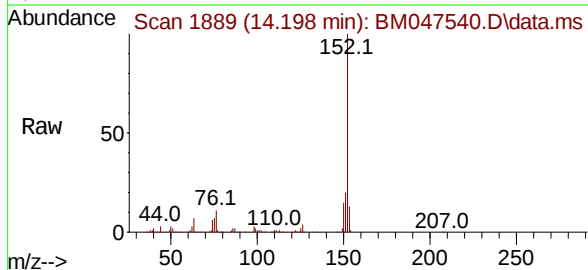




Acenaphthylene
Concen: 5.093 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

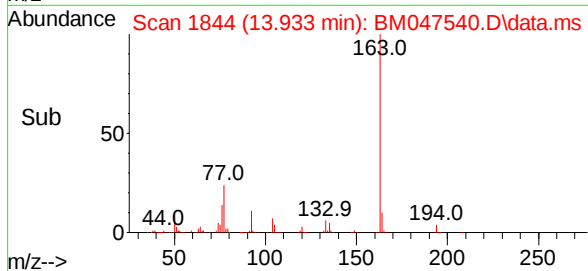
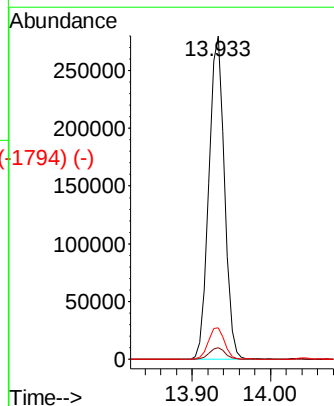
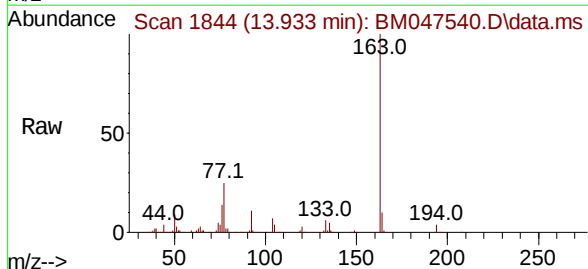
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

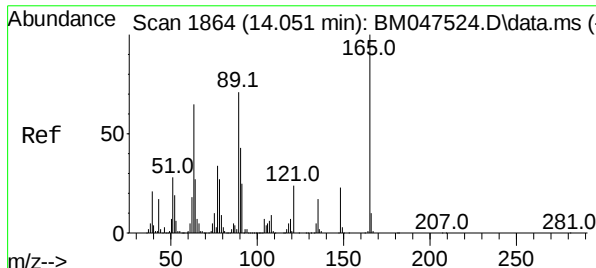
Tgt Ion:	152	Resp:	517507
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.4	10.4	15.6



Dimethylphthalate
Concen: 4.831 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	163	Resp:	383761
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.6	7.9	11.9

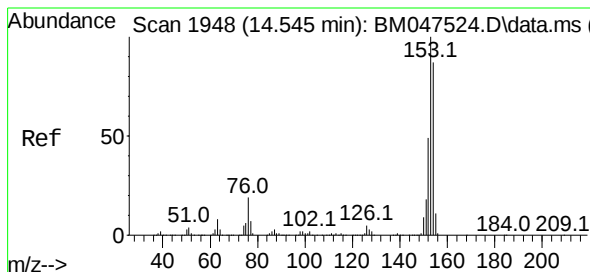
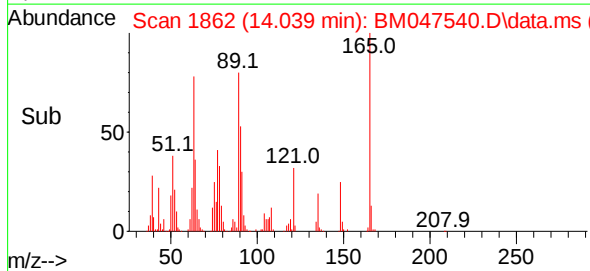
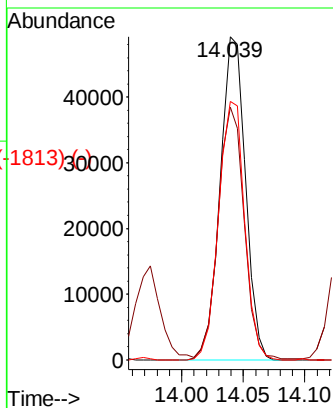
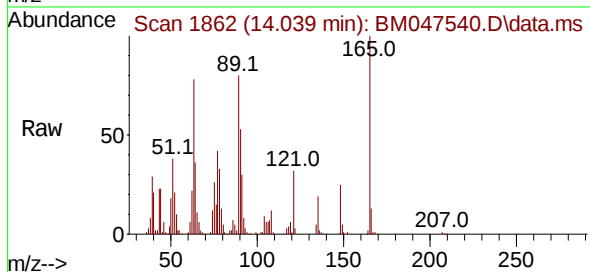




2,6-Dinitrotoluene
 Concen: 4.216 ng
 RT: 14.039 min Scan# 1864
 Delta R.T. -0.012 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

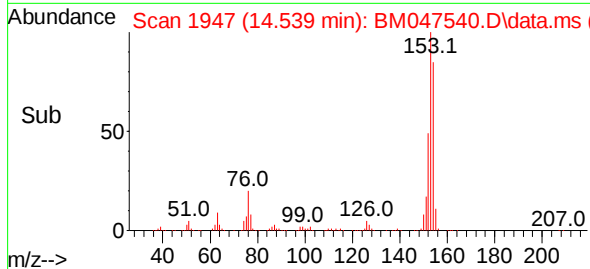
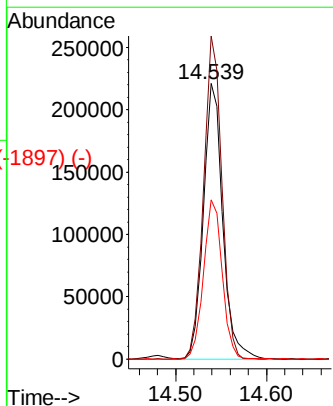
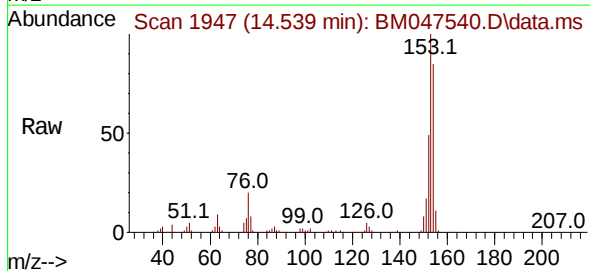
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

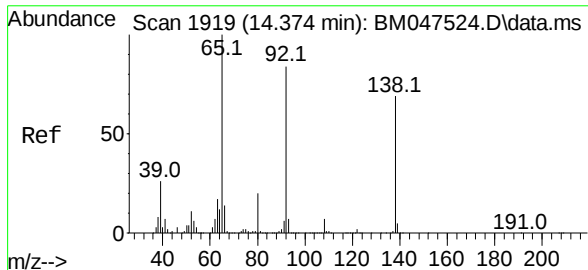
Tgt Ion:	165	Resp:	70710
Ion Ratio	Lower	Upper	
165	100		
63	78.3	54.2	81.2
89	79.9	56.4	84.6



Acenaphthene
 Concen: 4.579 ng
 RT: 14.539 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	154	Resp:	326015
Ion Ratio	Lower	Upper	
154	100		
153	117.2	92.2	138.2
152	57.7	45.4	68.0

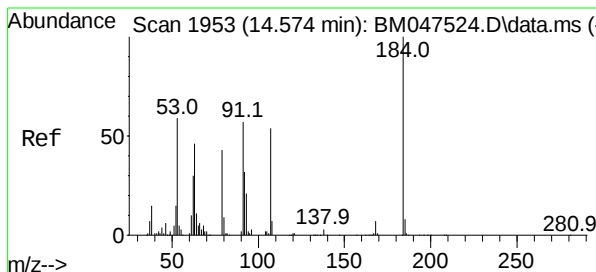
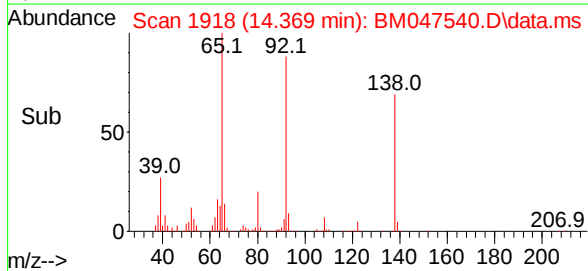
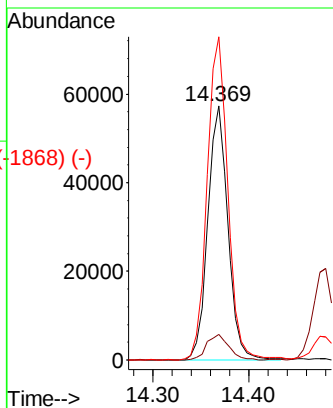
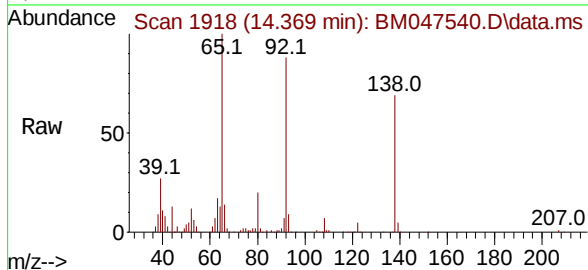




3-Nitroaniline
Concen: 4.470 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

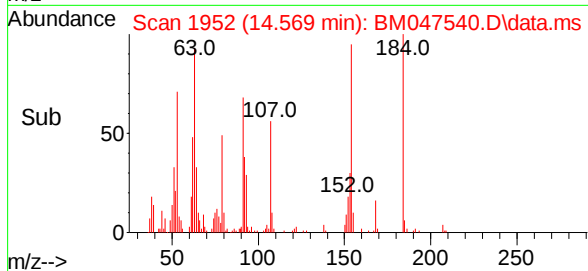
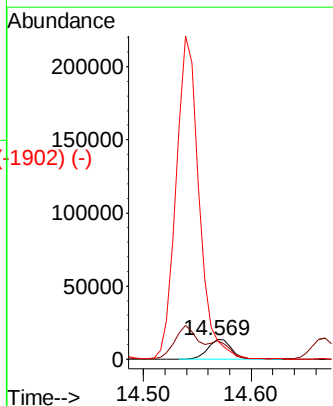
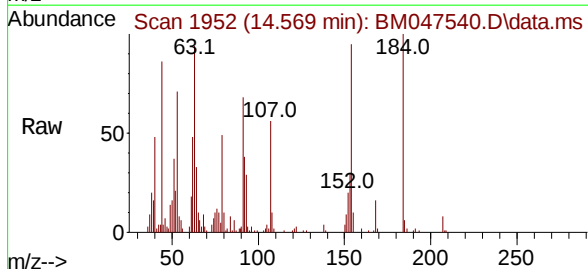
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

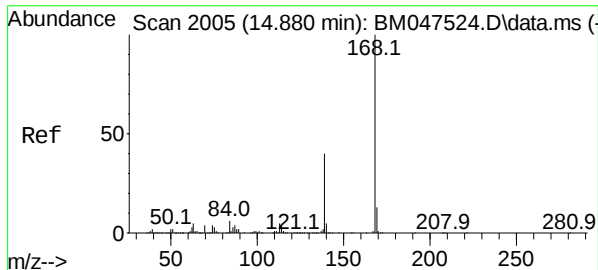
Tgt Ion:	138	Resp:	83327
Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.0	12.0
92	127.1	97.4	146.0



2,4-Dinitrophenol
Concen: 5.836 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	184	Resp:	20260
Ion	Ratio	Lower	Upper
184	100		
63	93.9	69.4	104.0
154	94.7	60.4	90.6#





(-1955) (-)

Dibenzenofuran

Concen: 4.851 ng

RT: 14.874 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

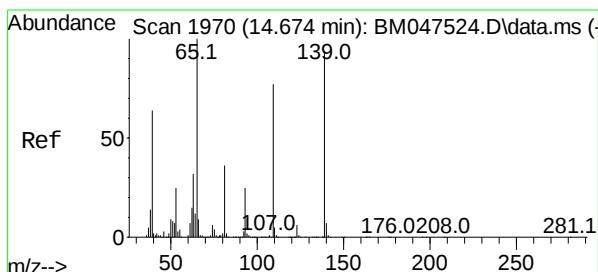
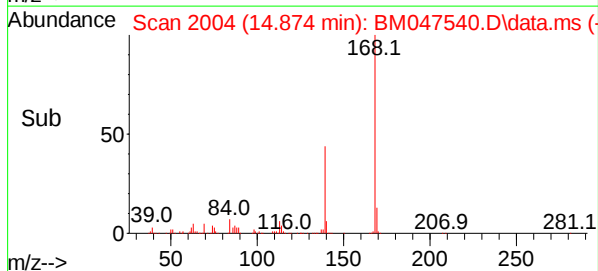
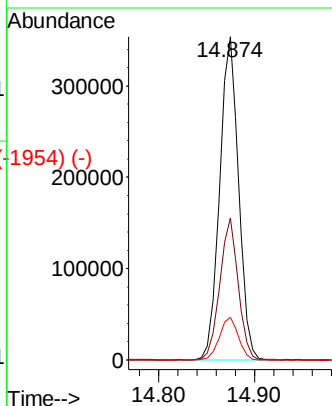
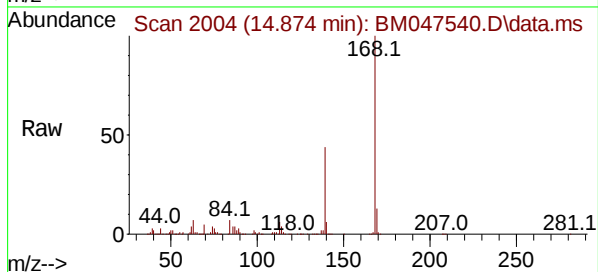
Tgt Ion:168 Resp: 485358

Ion Ratio Lower Upper

168 100

139 43.9 31.9 47.9

169 13.2 10.5 15.7



(-1956) (-)

4-Nitrophenol

Concen: 3.941 ng

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

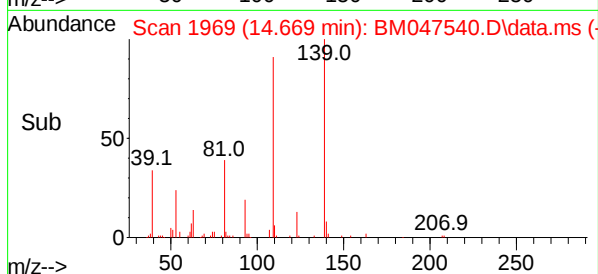
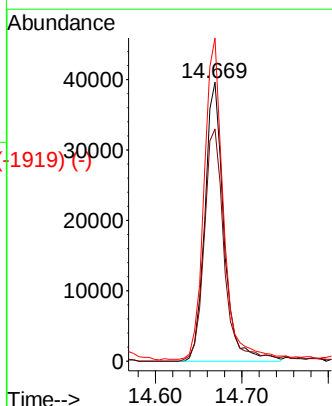
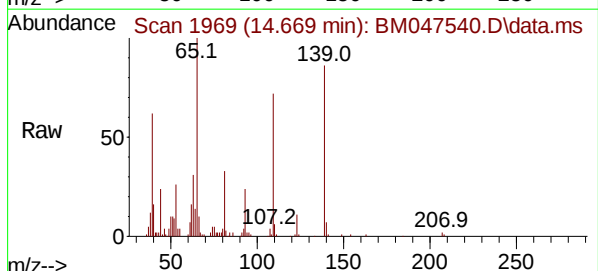
Tgt Ion:139 Resp: 60446

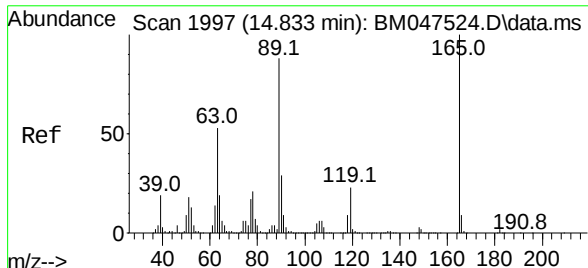
Ion Ratio Lower Upper

139 100

109 83.3 62.0 102.0

65 115.8 87.0 127.0

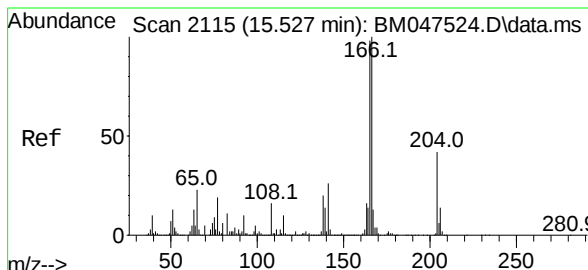
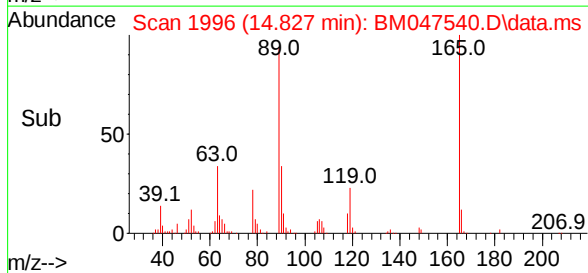
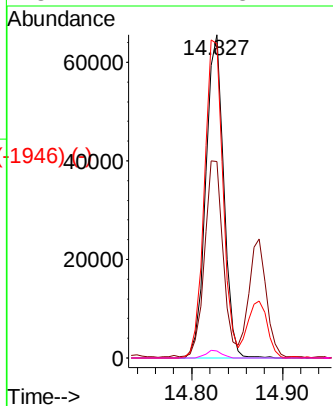
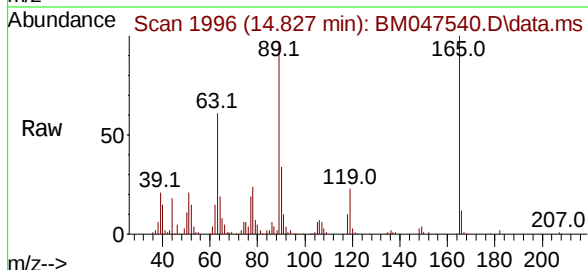




Scan 1997 (14.833 min): BM047524.D\data.ms (-155) (-)
 2,4-Dinitrotoluene
 Concen: 4.024 ng
 RT: 14.827 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

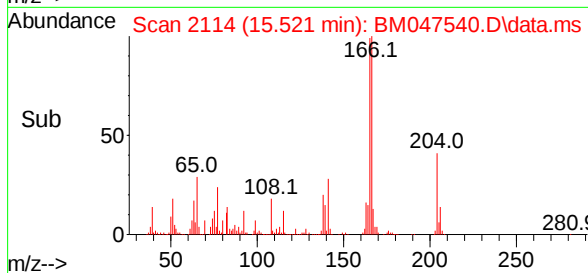
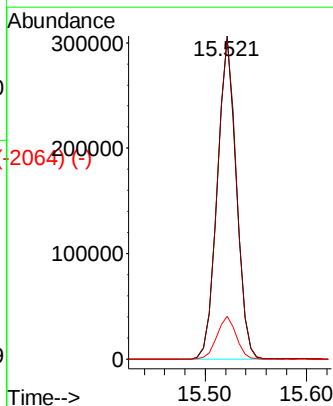
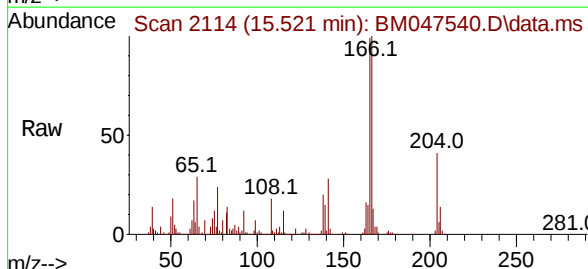
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

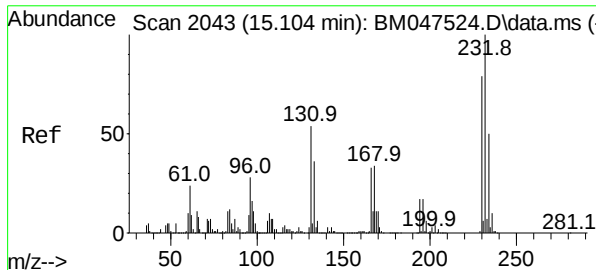
Tgt Ion:	165	Resp:	89996
Ion	Ratio	Lower	Upper
165	100		
63	60.7	42.4	63.6
89	97.3	70.5	105.7
182	2.2	1.8	2.6



Scan 2115 (15.527 min): BM047524.D\data.ms (-215) (-)
 Fluorene
 Concen: 4.409 ng
 RT: 15.521 min Scan# 2114
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	166	Resp:	397142
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.2	10.7	16.1

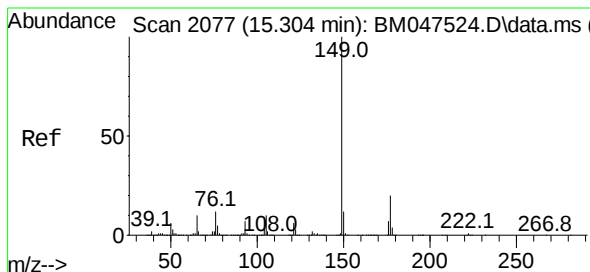
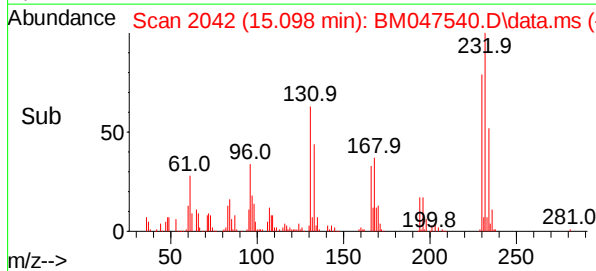
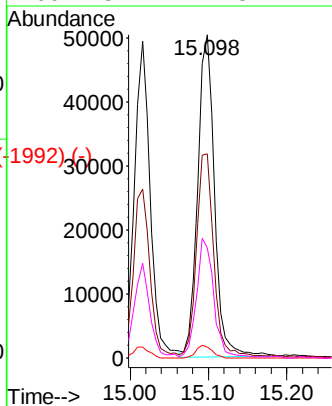
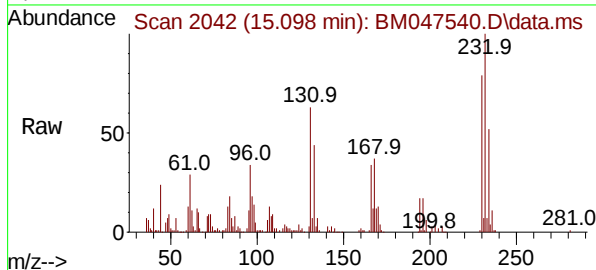




2,3,4,6-Tetrachlorophenol
Concen: 4.290 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

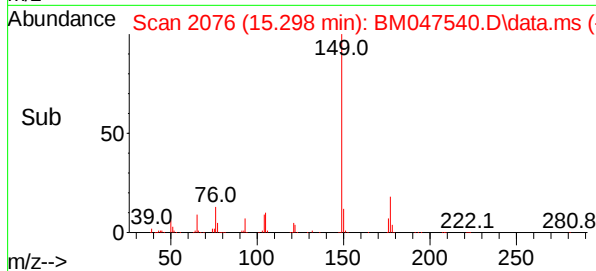
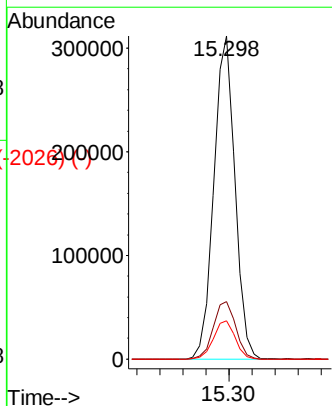
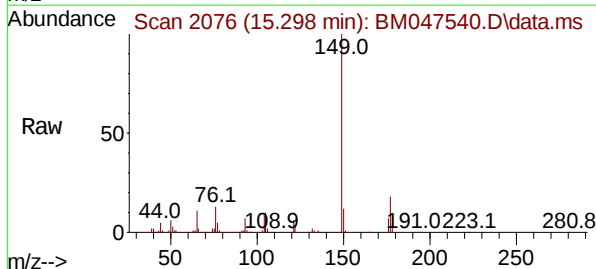
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

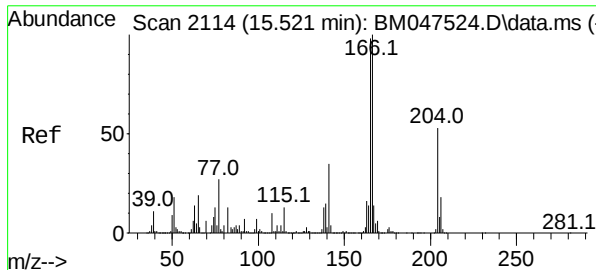
Tgt Ion:	232	Resp:	74651
Ion	Ratio	Lower	Upper
232	100		
131	63.6	47.0	70.4
130	3.7	2.6	3.8
166	37.1	27.5	41.3



Diethylphthalate
Concen: 4.706 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	149	Resp:	397830
Ion	Ratio	Lower	Upper
149	100		
177	17.9	15.8	23.8
150	11.9	9.7	14.5

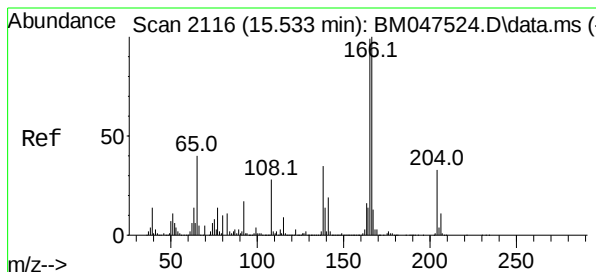
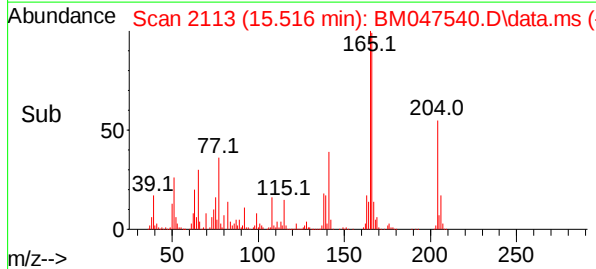
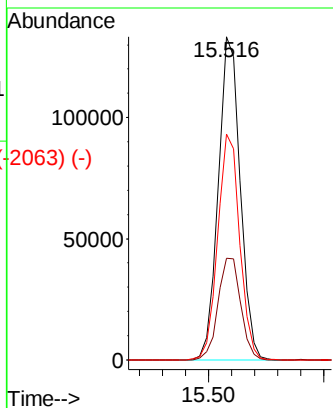
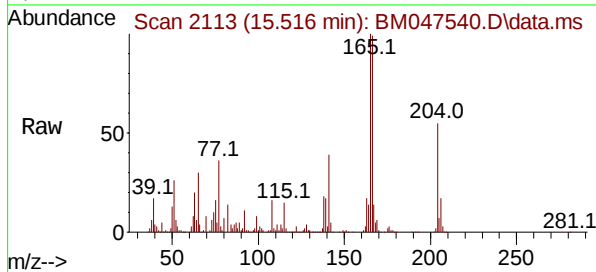




4-Chlorophenyl-phenylether
 Concen: 4.293 ng
 RT: 15.516 min Scan# 2114
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

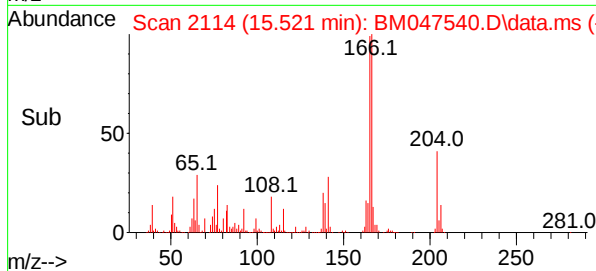
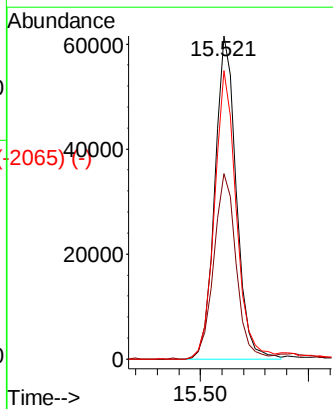
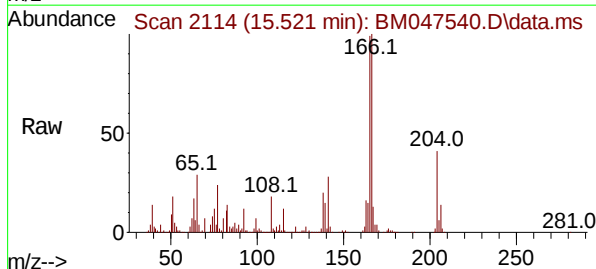
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Tgt Ion:	204	Resp:	176817
Ion Ratio	Lower	Upper	
204	100		
206	31.4	26.5	39.7
141	69.9	52.1	78.1

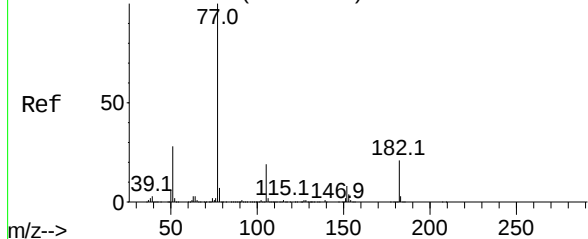


4-Nitroaniline
 Concen: 3.912 ng
 RT: 15.521 min Scan# 2114
 Delta R.T. -0.012 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	138	Resp:	85711
Ion Ratio	Lower	Upper	
138	100		
92	57.4	30.0	70.0
108	89.4	61.7	101.7



Abundance Scan 2164 (15.815 min): BM047524.D\data.ms (-2164) (-)



Azobenzene

Concen: 5.273 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 77 Resp: 490864

Ion Ratio Lower Upper

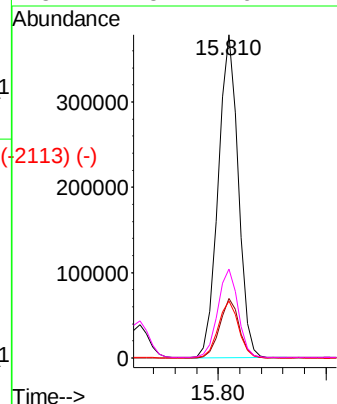
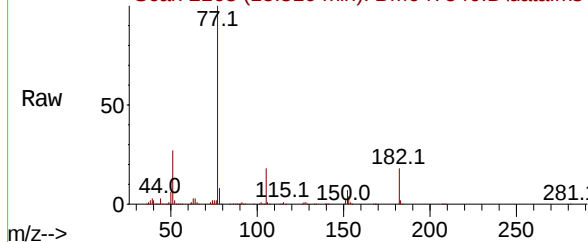
77 100

182 18.5 1.2 41.2

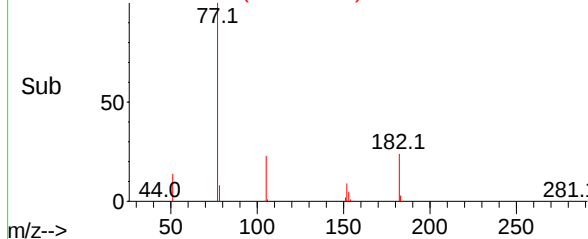
105 17.7 0.0 39.4

51 27.5 7.9 47.9

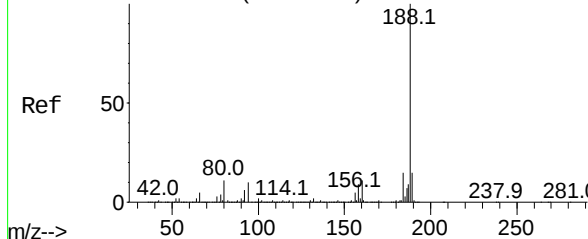
Abundance Scan 2163 (15.810 min): BM047540.D\data.ms



Abundance Scan 2163 (15.810 min): BM047540.D\data.ms (-2113) (-)



Abundance Scan 2402 (17.215 min): BM047524.D\data.ms (-2402) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion:188 Resp: 2294694

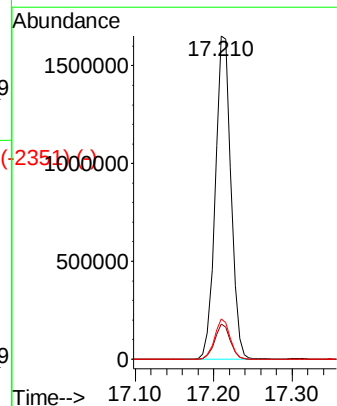
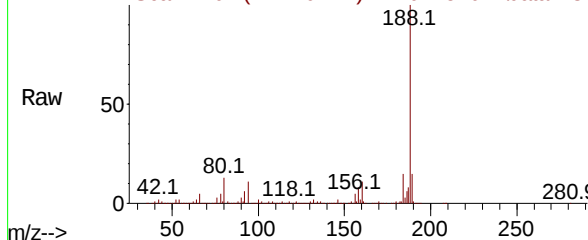
Ion Ratio Lower Upper

188 100

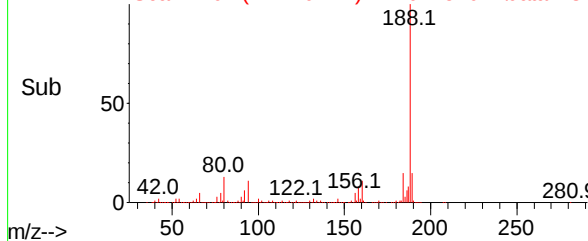
94 11.0 8.4 12.6

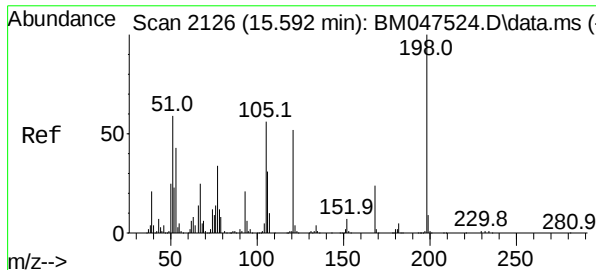
80 12.5 9.1 13.7

Abundance Scan 2401 (17.210 min): BM047540.D\data.ms



Abundance Scan 2401 (17.210 min): BM047540.D\data.ms (-2350) (-)

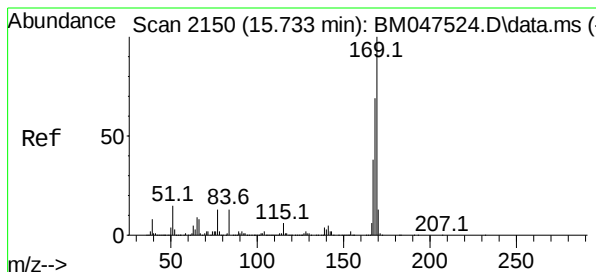
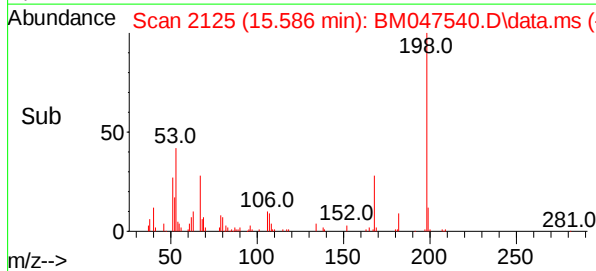
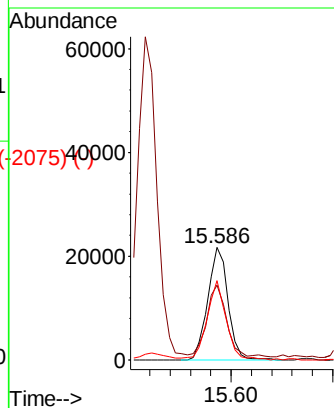
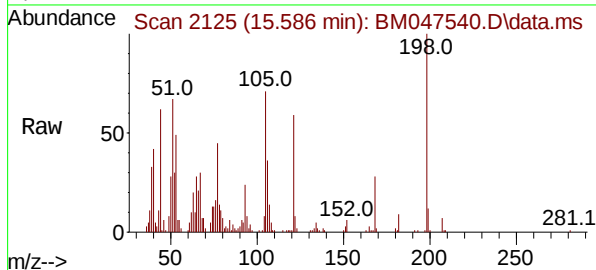




4,6-Dinitro-2-methylphenol
Concen: 9.343 ng
RT: 15.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

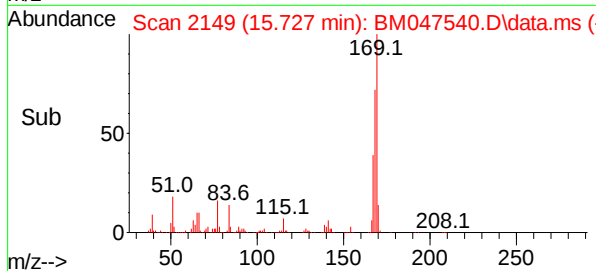
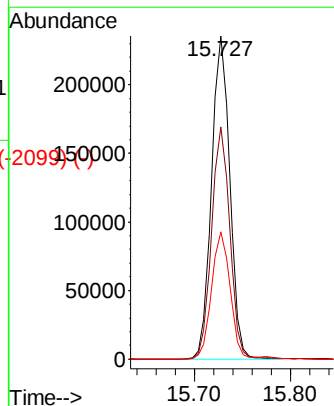
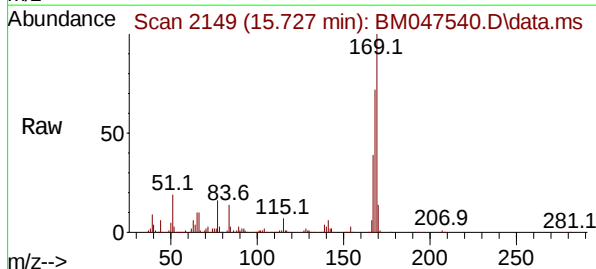
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:	198	Resp:	29824
Ion	Ratio	Lower	Upper
198	100		
51	66.6	41.5	81.5
105	70.8	36.4	76.4



n-Nitrosodiphenylamine
Concen: 4.401 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	169	Resp:	308960
Ion	Ratio	Lower	Upper
169	100		
168	71.9	55.3	82.9
167	39.4	30.5	45.7



Abundance Scan 2265 (16.409 min): BM047524.D\data.ms (-2265) (-)

4-Bromophenyl-phenylether

Concen: 4.230 ng

RT: 16.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:248 Resp: 94313

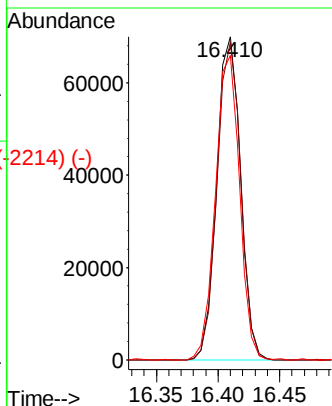
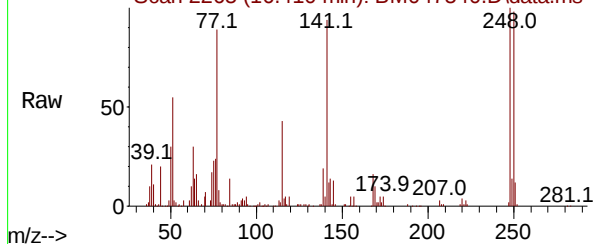
Ion Ratio Lower Upper

248 100

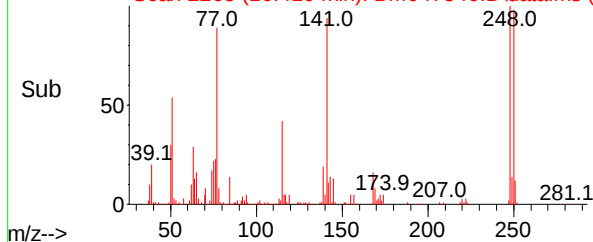
250 98.4 76.9 115.3

141 94.3 70.8 106.2

Abundance Scan 2265 (16.410 min): BM047540.D\data.ms



Abundance Scan 2265 (16.410 min): BM047540.D\data.ms (-2214) (-)



Abundance Scan 2285 (16.527 min): BM047524.D\data.ms (-2285) (-)

Hexachlorobenzene

Concen: 4.348 ng

RT: 16.521 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Tgt Ion:284 Resp: 109826

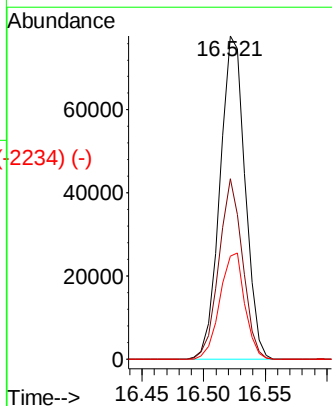
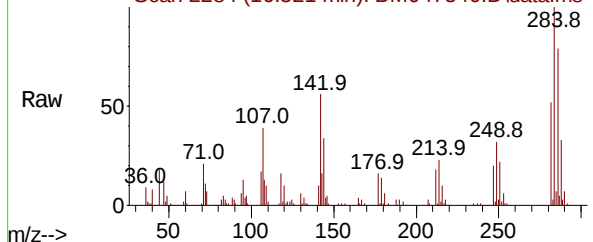
Ion Ratio Lower Upper

284 100

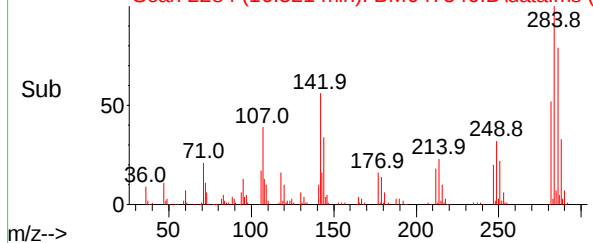
142 55.9 37.3 55.9#

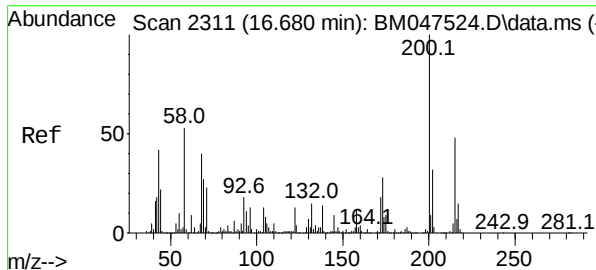
249 31.9 24.5 36.7

Abundance Scan 2284 (16.521 min): BM047540.D\data.ms



Abundance Scan 2284 (16.521 min): BM047540.D\data.ms (-2234) (-)

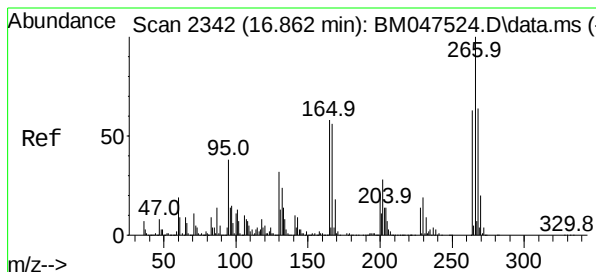
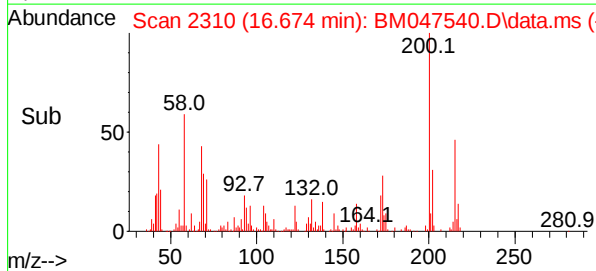
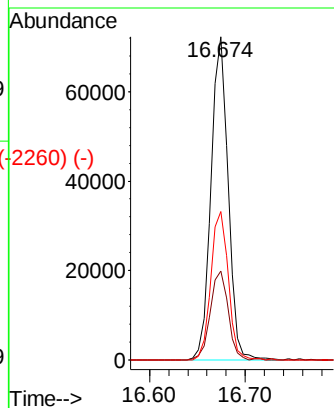
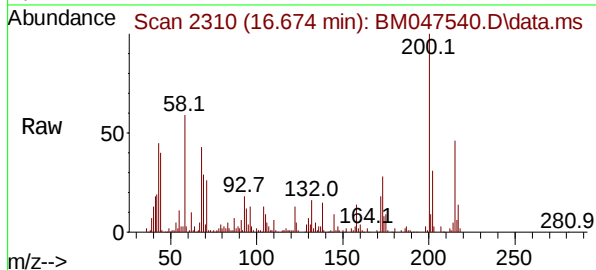




Atrazine
Concen: 4.594 ng
RT: 16.674 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

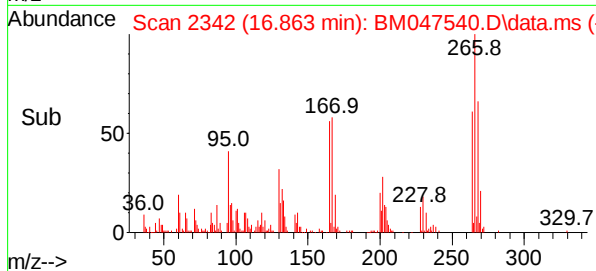
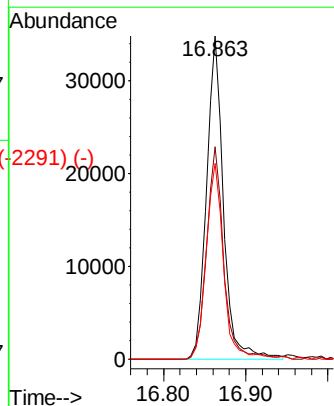
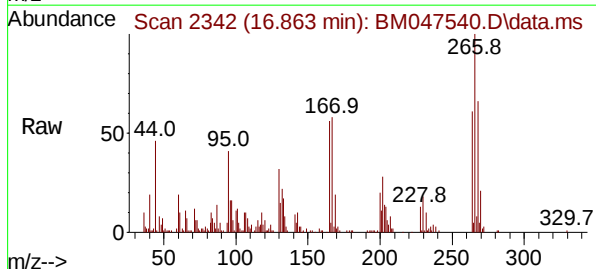
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

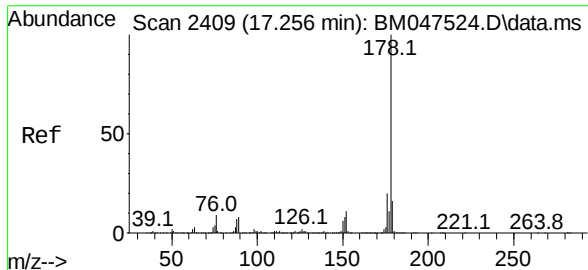
Tgt Ion:200 Resp: 89130
Ion Ratio Lower Upper
200 100
173 27.6 7.7 47.7
215 45.8 27.9 67.9



Pentachlorophenol
Concen: 3.395 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:266 Resp: 49714
Ion Ratio Lower Upper
266 100
268 65.8 51.0 76.4
264 60.6 50.4 75.6

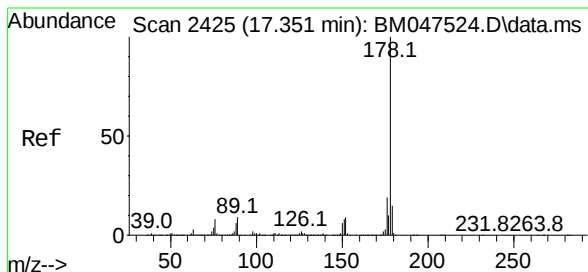
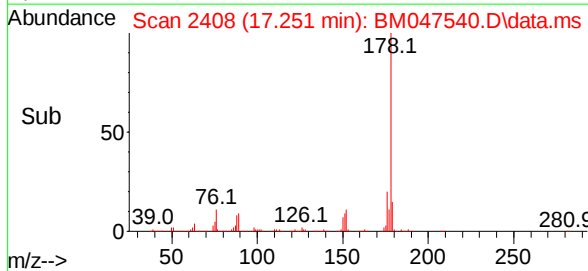
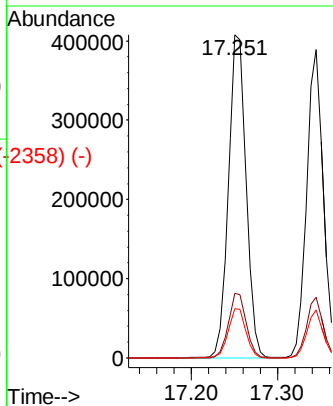
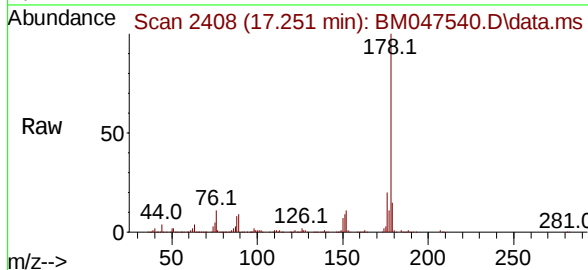




Scan 2409 (17.256 min): BM047524.D\data.ms (-2371) (-)
 Phenanthrene
 Concen: 4.656 ng
 RT: 17.251 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

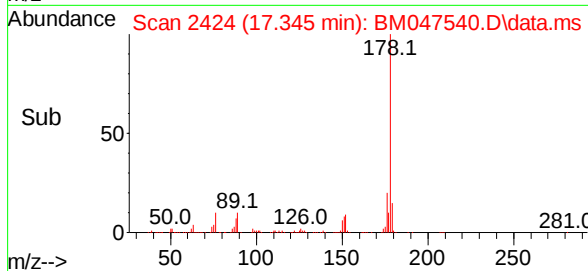
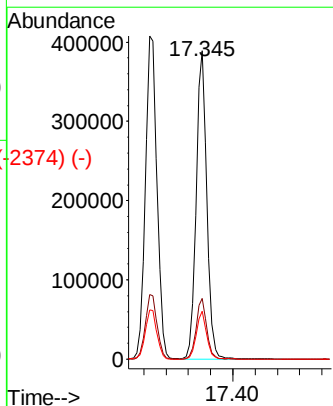
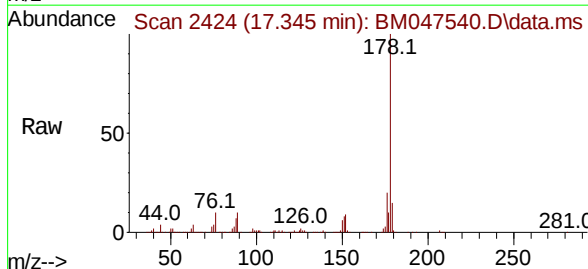
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2024

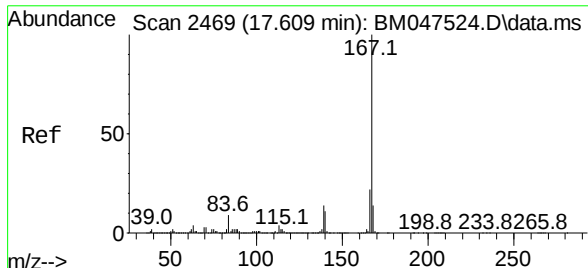
Tgt Ion:	178	Resp:	588765
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.3	12.4	18.6



Scan 2425 (17.351 min): BM047524.D\data.ms (-2372) (-)
 Anthracene
 Concen: 4.296 ng
 RT: 17.345 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	178	Resp:	521956
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.4	12.3	18.5

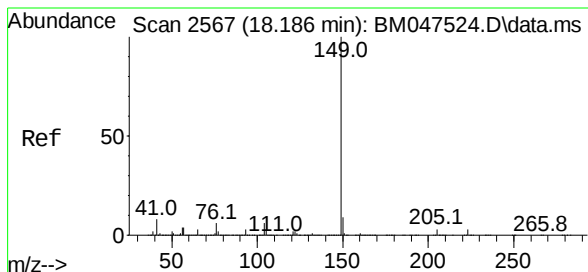
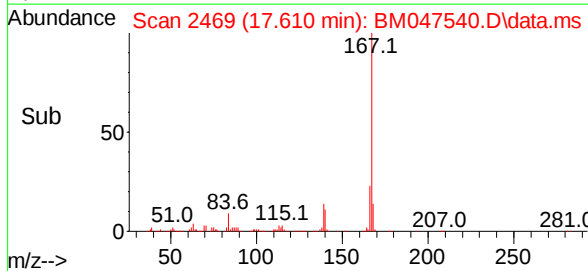
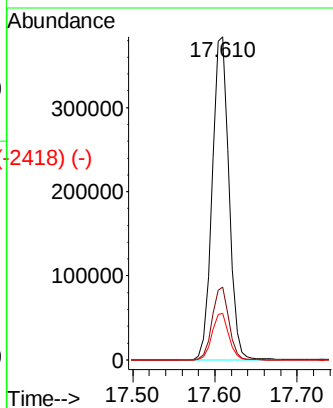
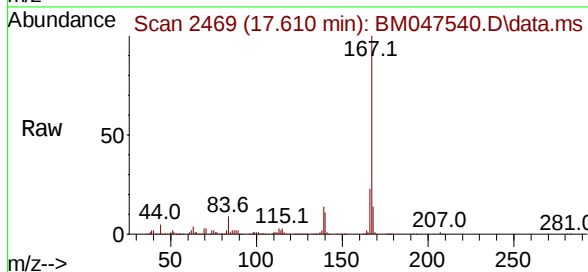




Carbazole
Concen: 4.527 ng
RT: 17.610 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

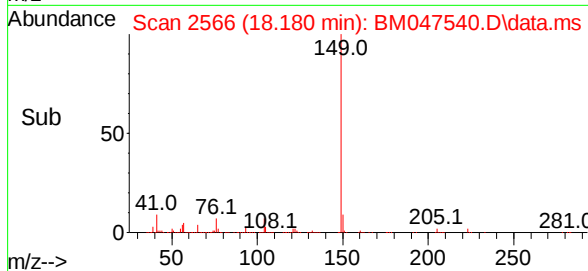
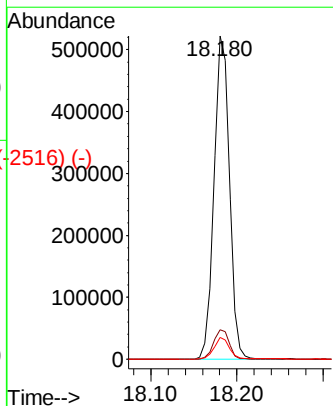
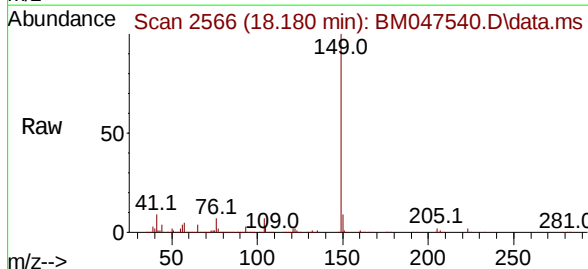
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

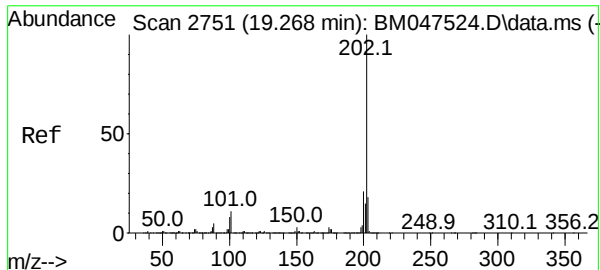
Tgt Ion:	167	Resp:	545098
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.4	11.0	16.6



Di-n-butylphthalate
Concen: 4.510 ng
RT: 18.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	149	Resp:	649673
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.7	4.6	6.8





Fluoranthene

Concen: 4.269 ng

RT: 19.262 min Scan# 2750

Delta R.T. -0.006 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

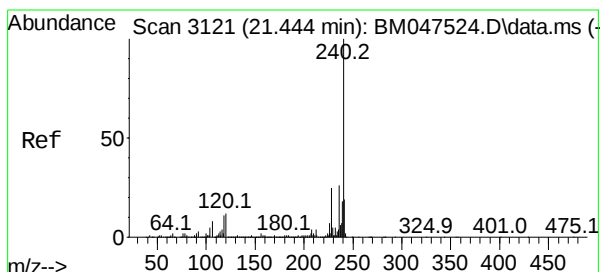
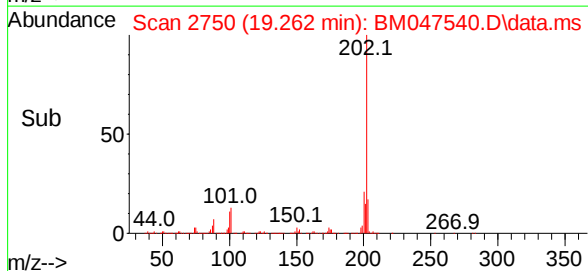
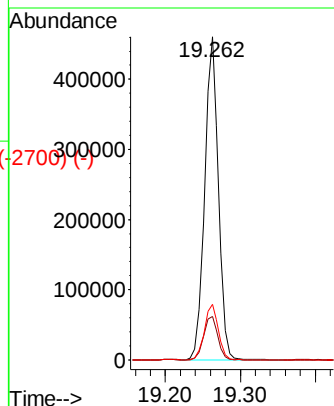
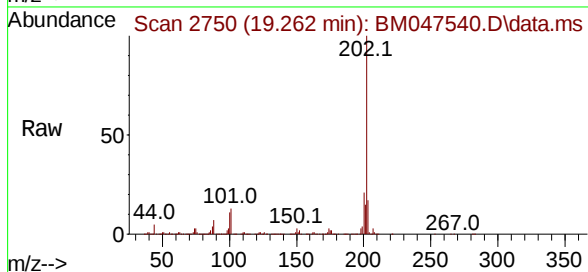
Tgt Ion:202 Resp: 589070

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.8

203 17.3 0.0 37.7



Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.005 min

Lab File: BM047540.D

Acq: 17 Sep 2024 11:40

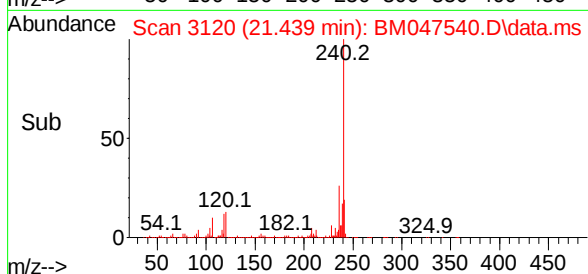
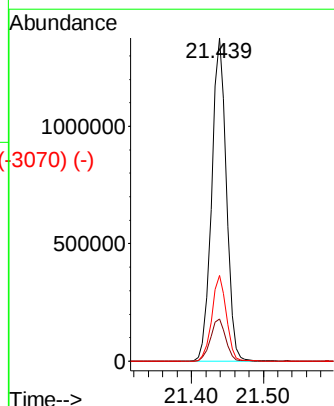
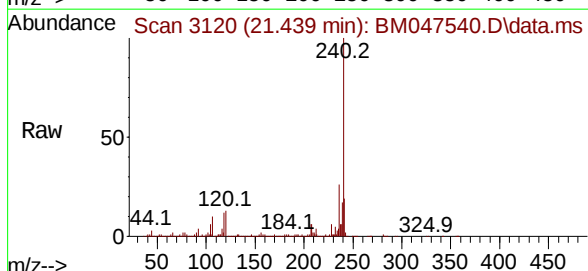
Tgt Ion:240 Resp: 1954749

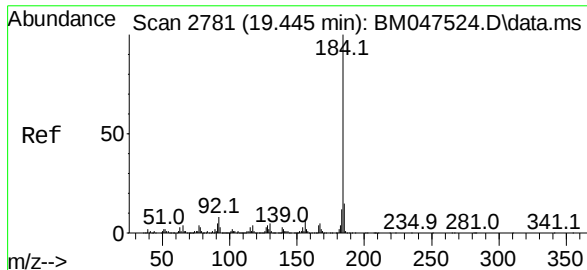
Ion Ratio Lower Upper

240 100

120 13.1 9.6 14.4

236 26.5 20.9 31.3

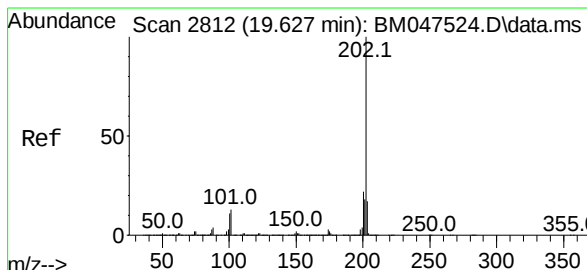
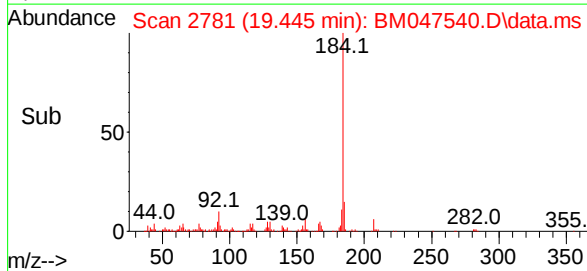
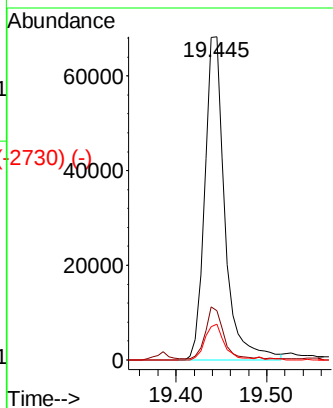
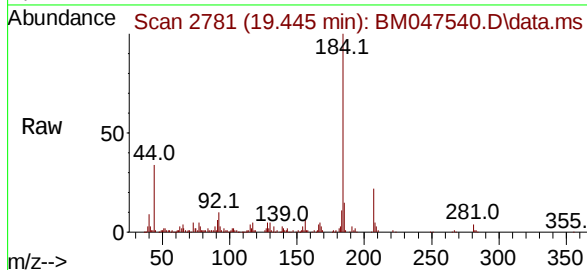




Benzidine
Concen: 3.814 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

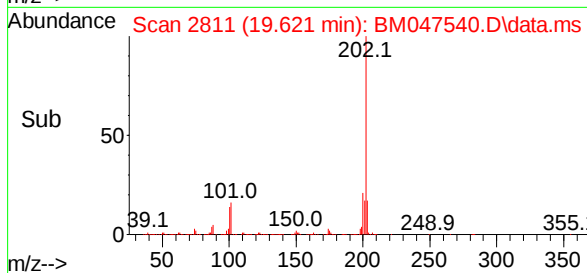
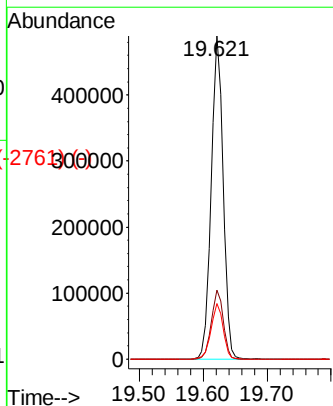
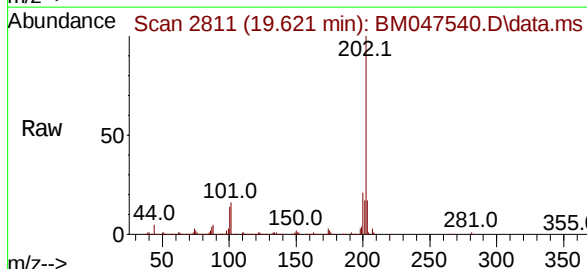
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

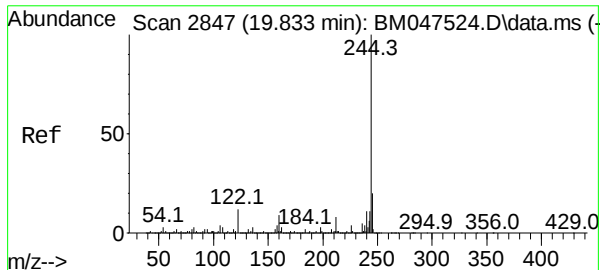
Tgt Ion:	184	Resp:	104990
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.1	9.6	14.4



Pyrene
Concen: 4.375 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	202	Resp:	623772
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.2	14.0	21.0



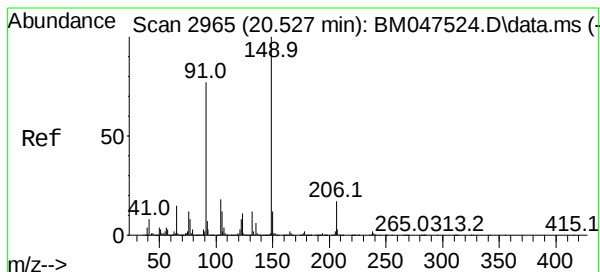
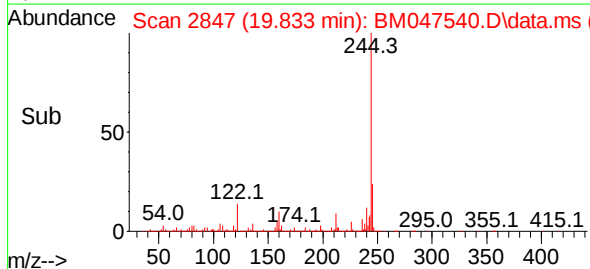
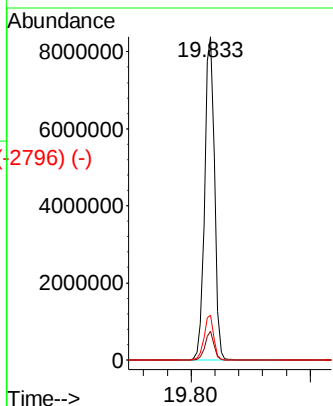
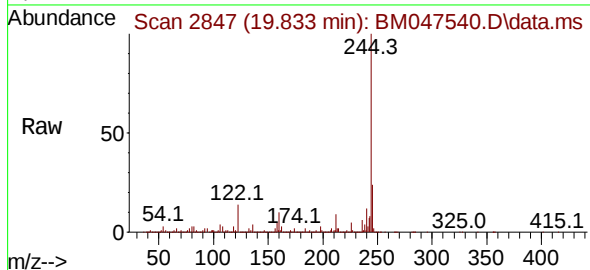


Terphenyl-d14
 Concen: 89.348 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Tgt Ion:244 Resp: 9746627

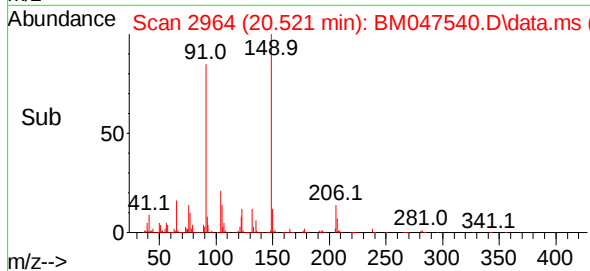
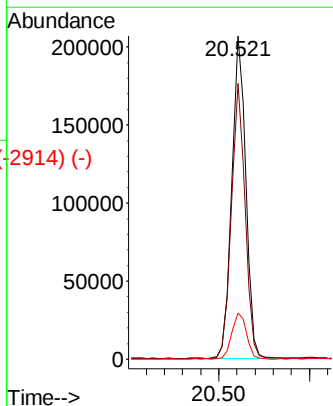
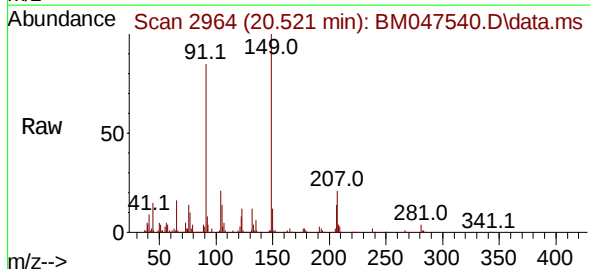
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.2
122	13.9	9.6	14.4

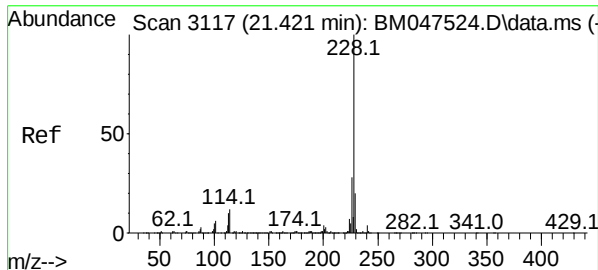


Butylbenzylphthalate
 Concen: 4.043 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:149 Resp: 221897

Ion	Ratio	Lower	Upper
149	100		
91	85.4	62.0	93.0
206	14.3	13.8	20.8

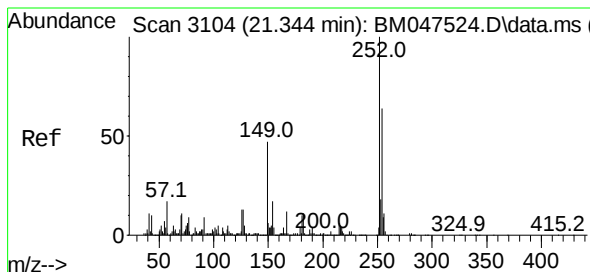
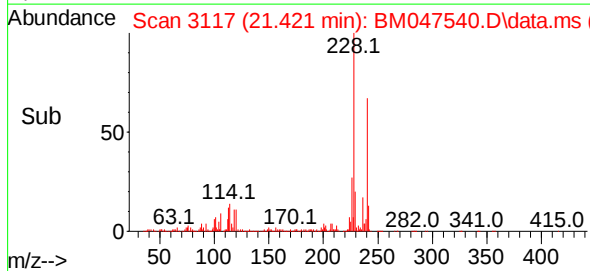
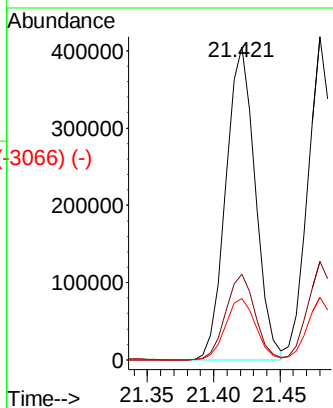
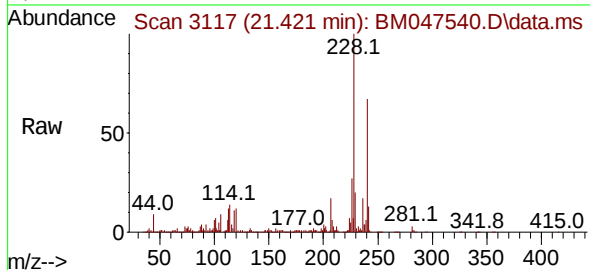




Benzo(a)anthracene
Concen: 4.899 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

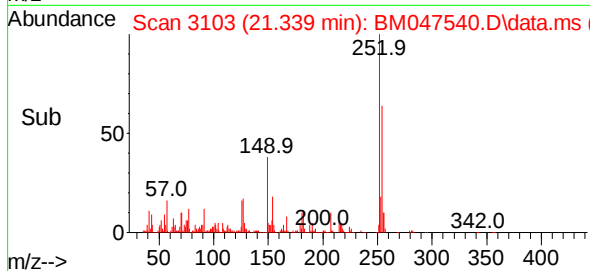
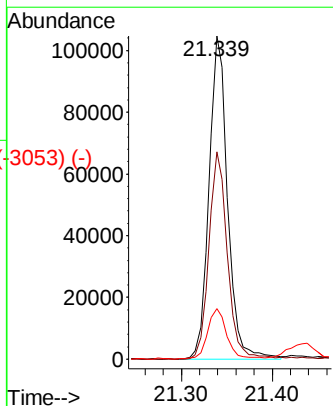
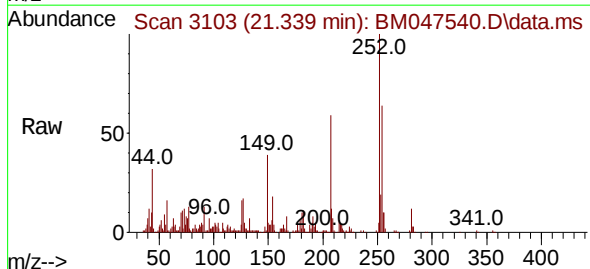
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

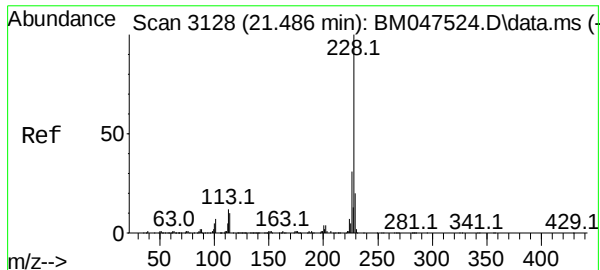
Tgt Ion:	228	Resp:	624216
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	19.5	16.0	24.0



3,3'-Dichlorobenzidine
Concen: 4.386 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	252	Resp:	148641
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	15.7	10.3	15.5#

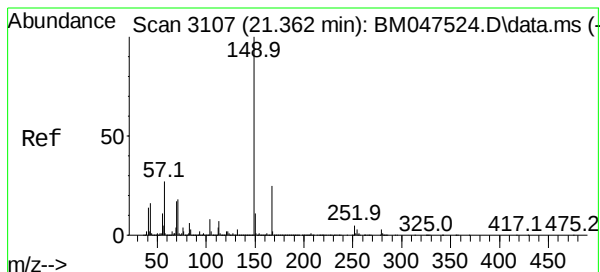
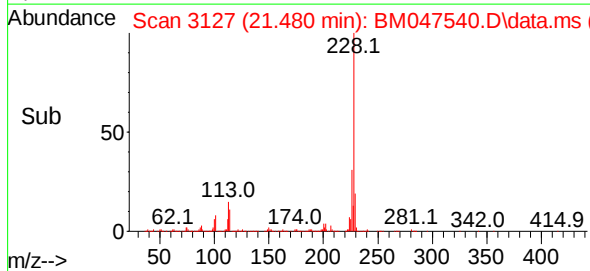
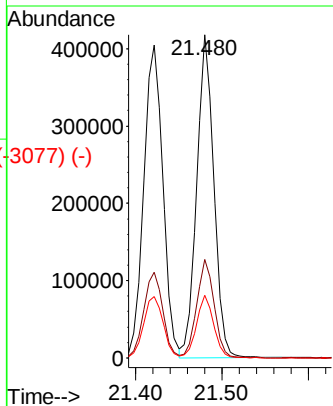
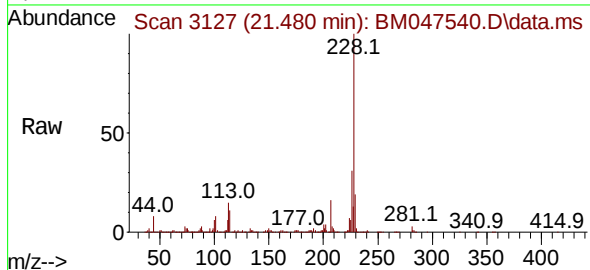




Chrysene
Concen: 4.729 ng
RT: 21.480 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

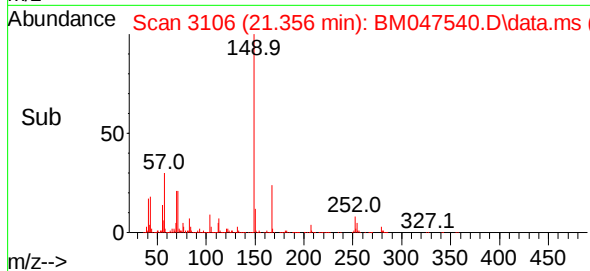
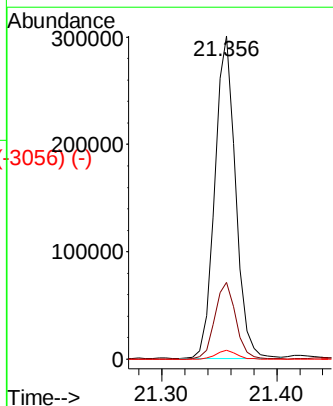
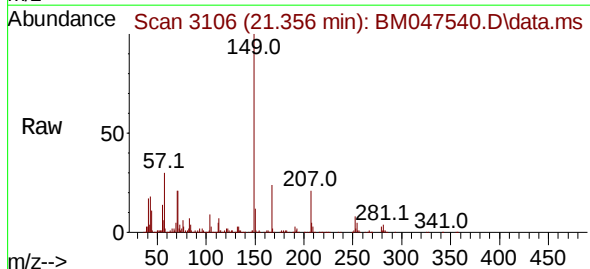
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

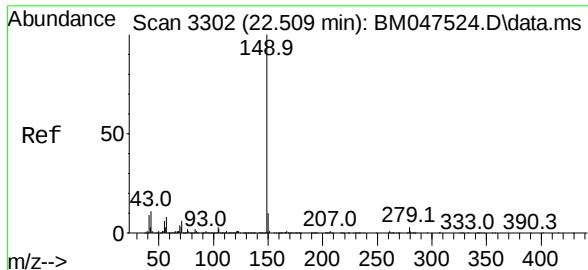
Tgt Ion:	228	Resp:	569934
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.4	15.9	23.9



Bis(2-ethylhexyl)phthalate
Concen: 4.379 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	149	Resp:	376489
Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.2	30.4
279	2.8	2.6	4.0

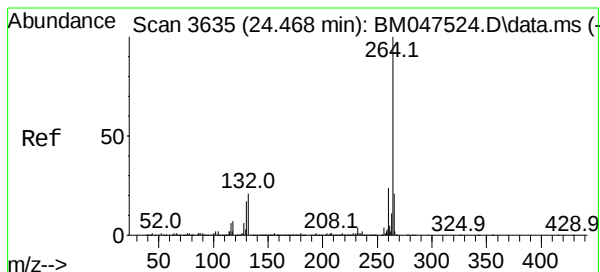
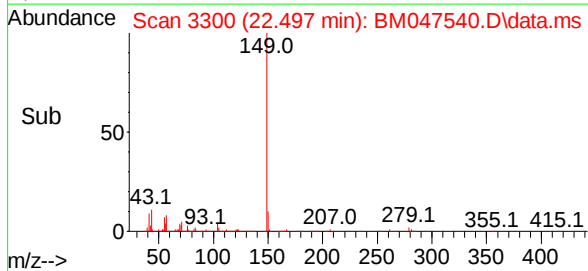
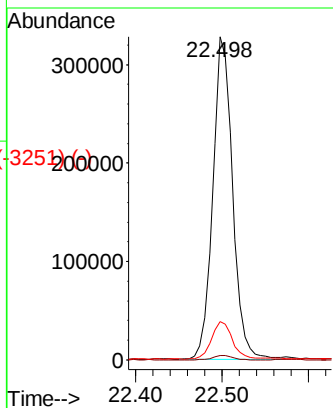
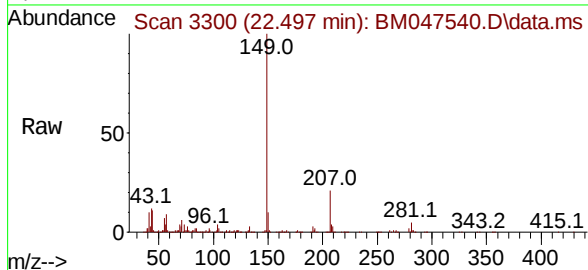




Scan 3302 (22.509 min): BM047524.D\data.ms (-3285) (-)
 Di-n-octyl phthalate
 Concen: 4.304 ng
 RT: 22.497 min Scan# 3302
 Delta R.T. -0.012 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

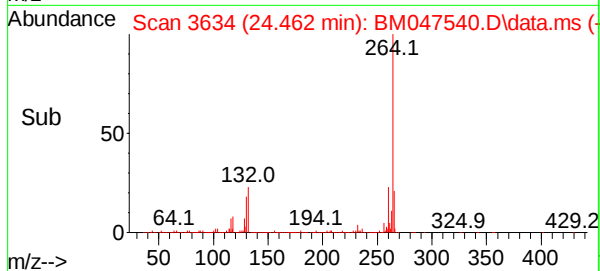
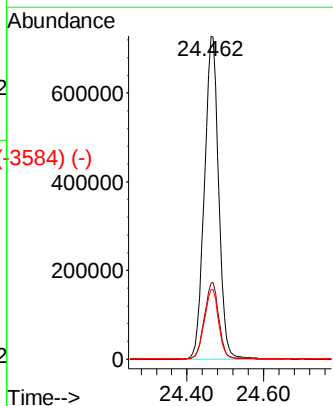
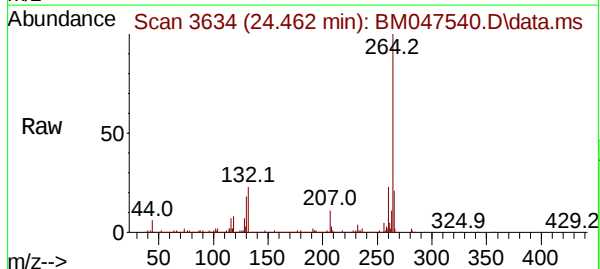
Instrument : BNA_M
 ClientSampleId : BM047540.D
 LOQ-SOIL-02-QT2-2024

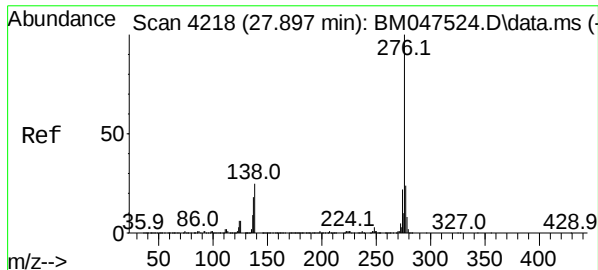
Tgt Ion:	149	Resp:	523511
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.5	8.9	13.3



Scan 3635 (24.468 min): BM047524.D\data.ms (-3635) (-)
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.462 min Scan# 3634
 Delta R.T. -0.006 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	264	Resp:	1869039
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.5	17.4	26.2

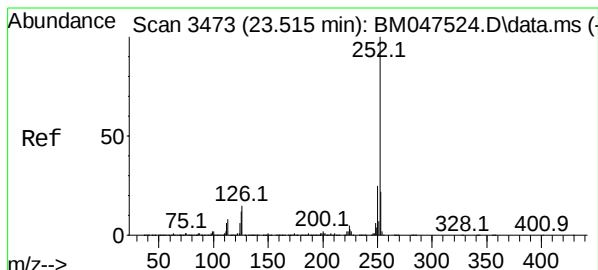
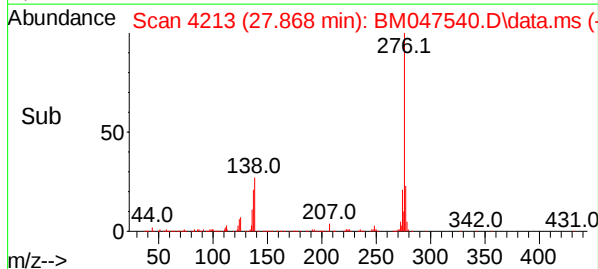
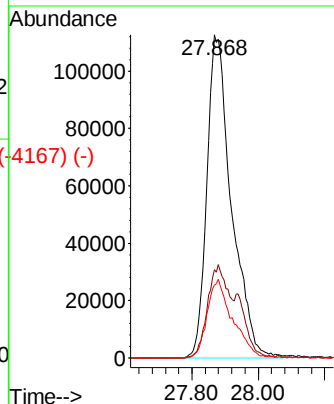
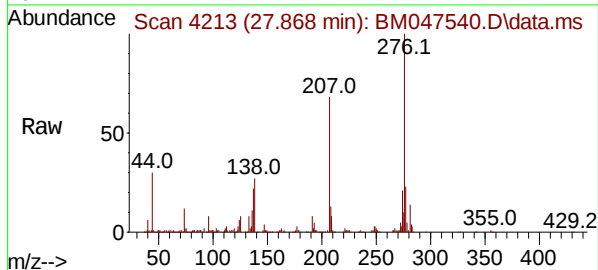




Indeno(1,2,3-cd)pyrene
Concen: 5.200 ng
RT: 27.868 min Scan# 4167
Delta R.T. -0.029 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

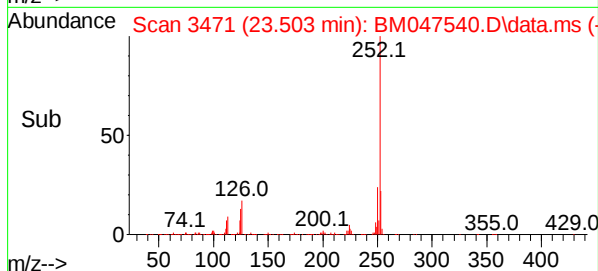
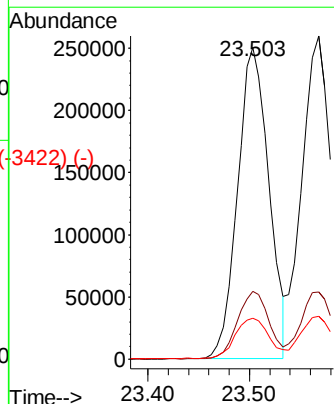
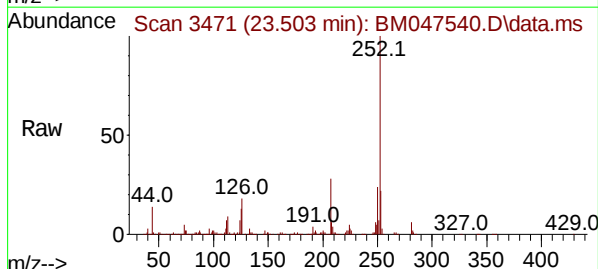
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

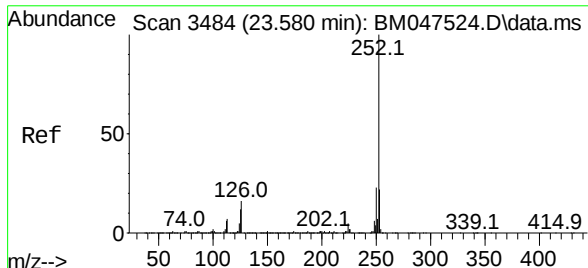
Tgt Ion:	276	Resp:	581612
Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	25.1	20.1	30.1



Benzo(b)fluoranthene
Concen: 4.455 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	252	Resp:	538780
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	13.2	9.5	14.3

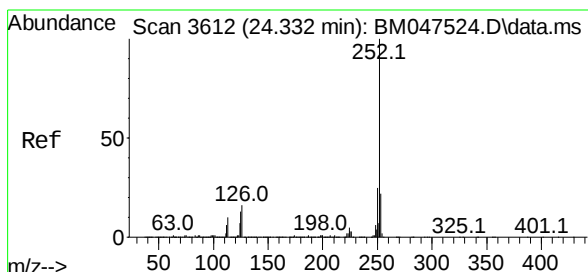
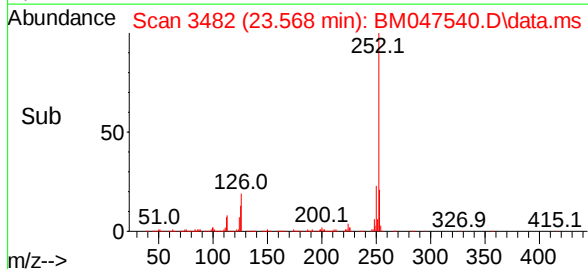
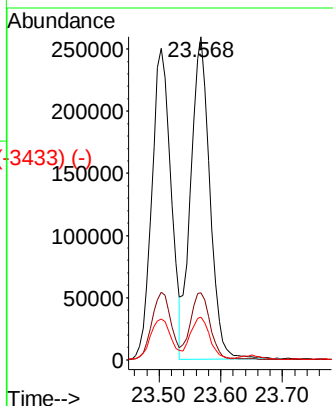
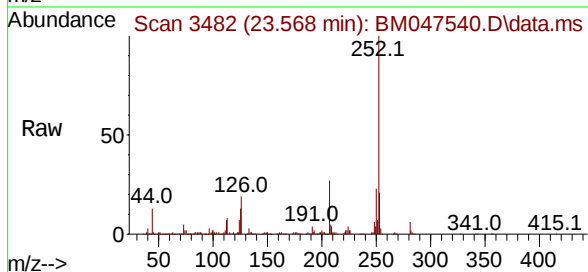




Scan 3484 (23.580 min): BM047524.D\data.ms (-3489) (-)
 Benzo(k)fluoranthene
 Concen: 4.633 ng
 RT: 23.568 min Scan# 3489
 Delta R.T. -0.012 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

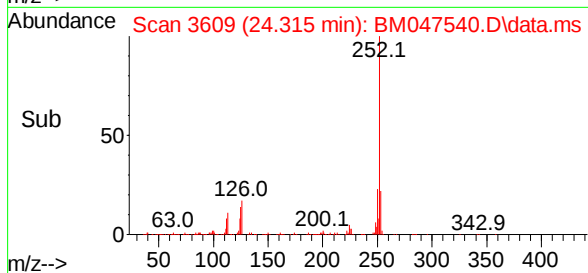
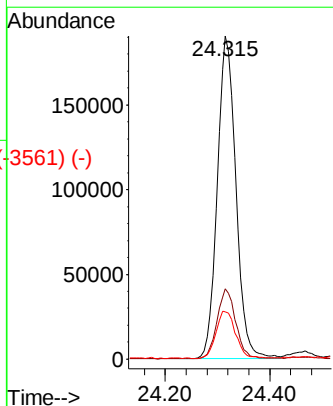
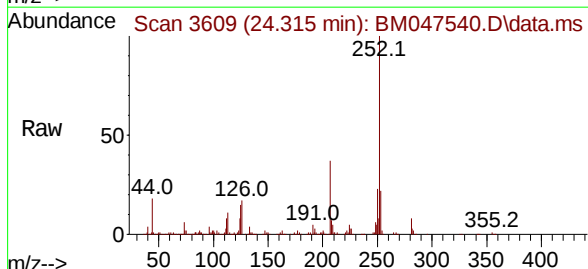
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

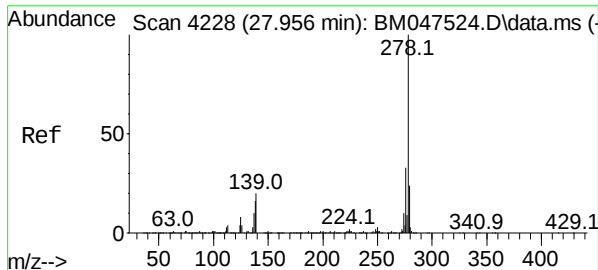
Tgt Ion:	252	Resp:	555293
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.8	26.6
125	13.2	9.5	14.3



Scan 3612 (24.332 min): BM047524.D\data.ms (-3599) (-)
 Benzo(a)pyrene
 Concen: 4.763 ng
 RT: 24.315 min Scan# 3609
 Delta R.T. -0.017 min
 Lab File: BM047540.D
 Acq: 17 Sep 2024 11:40

Tgt Ion:	252	Resp:	472091
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	14.6	10.2	15.4

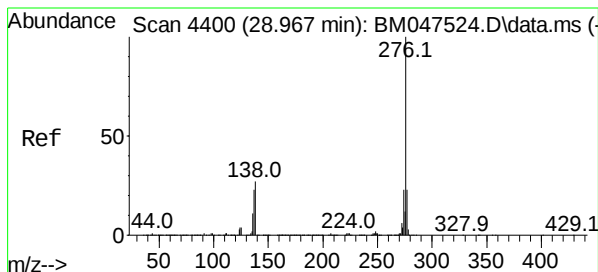
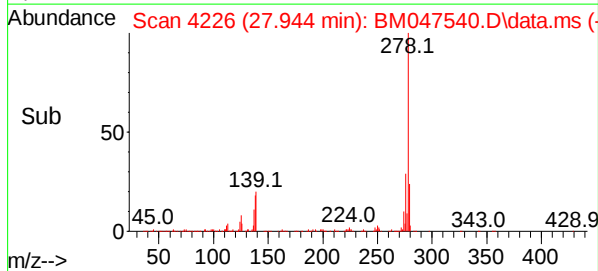
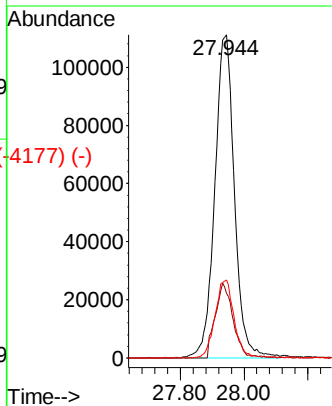
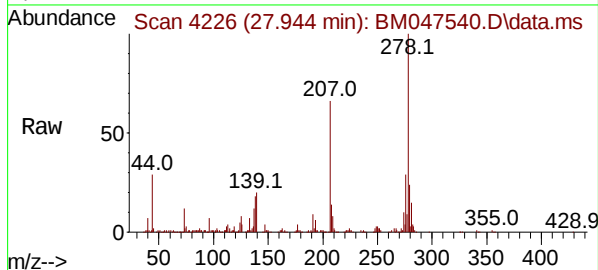




Dibenzo(a,h)anthracene
Concen: 5.040 ng
RT: 27.944 min Scan# 4177
Delta R.T. -0.012 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:	278	Resp:	474341
Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	24.1	19.3	28.9



Benzo(g,h,i)perylene
Concen: 5.011 ng
RT: 28.932 min Scan# 4394
Delta R.T. -0.035 min
Lab File: BM047540.D
Acq: 17 Sep 2024 11:40

Tgt Ion:	276	Resp:	460641
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	28.9	21.5	32.3

