

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
 Data File : BF132207.D
 Acq On : 27 Jan 2023 19:56
 Operator : CG\JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 28 04:02:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	231541	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	830345	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	447134	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	817777	20.000	ng	0.00
76) Chrysene-d12	14.289	240	505630	20.000	ng	0.00
86) Perylene-d12	15.883	264	403454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1368040	98.305	ng	0.00
7) Phenol-d6	6.696	99	1692172	96.978	ng	0.00
23) Nitrobenzene-d5	7.643	82	1055019	66.518	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	465471	112.422	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1879705	61.858	ng	0.00
79) Terphenyl-d14	13.225	244	2020971	62.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	52391	7.480	ng	96
3) Pyridine	3.802	79	120334	6.255	ng	99
4) n-Nitrosodimethylamine	3.719	42	43910	6.820	ng	# 93
6) Aniline	6.743	93	180064	7.369	ng	98
8) 2-Chlorophenol	6.860	128	116623	8.358	ng	99
9) Benzaldehyde	6.631	77	100152	7.506	ng	97
10) Phenol	6.701	94	144807	7.972	ng	96
11) bis(2-Chloroethyl)ether	6.807	93	122527	7.820	ng	95
12) 1,3-Dichlorobenzene	7.019	146	133114	8.581	ng	98
13) 1,4-Dichlorobenzene	7.096	146	134727	8.712	ng	99
14) 1,2-Dichlorobenzene	7.248	146	126354	8.795	ng	99
15) Benzyl Alcohol	7.207	79	87548	6.828	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.348	45	140929	7.920	ng	99
17) 2-Methylphenol	7.307	107	94878	7.478	ng	96
18) Hexachloroethane	7.596	117	46417	8.168	ng	93
19) n-Nitroso-di-n-propyla...	7.478	70	82991	7.902	ng	99
20) 3+4-Methylphenols	7.460	107	124442	7.804	ng	87
22) Acetophenone	7.478	105	172633	8.503	ng	99
24) Nitrobenzene	7.660	77	125752	7.669	ng	94
25) Isophorone	7.890	82	227558	7.460	ng	98
26) 2-Nitrophenol	7.972	139	49034	9.424	ng	97
27) 2,4-Dimethylphenol	7.995	122	94800	7.432	ng	97
28) bis(2-Chloroethoxy)met...	8.101	93	149406	7.956	ng	98
29) 2,4-Dichlorophenol	8.207	162	95330	8.004	ng	99
30) 1,2,4-Trichlorobenzene	8.301	180	112139	8.196	ng	99
31) Naphthalene	8.390	128	345899	8.419	ng	98
32) Benzoic acid	8.043	122	32990	10.570	ng	97
33) 4-Chloroaniline	8.425	127	137335	7.711	ng	99
34) Hexachlorobutadiene	8.501	225	69625	8.146	ng	99
35) Caprolactam	8.760	113	26151	7.755	ng	86
36) 4-Chloro-3-methylphenol	8.895	107	92126	7.554	ng	98
37) 2-Methylnaphthalene	9.078	142	229720	8.149	ng	100
38) 1-Methylnaphthalene	9.178	142	216652	8.285	ng	99
40) 1,2,4,5-Tetrachloroben...	9.242	216	117359	7.821	ng	98
41) Hexachlorocyclopentadiene	9.231	237	58883	7.725	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	68534	7.485	ng	99

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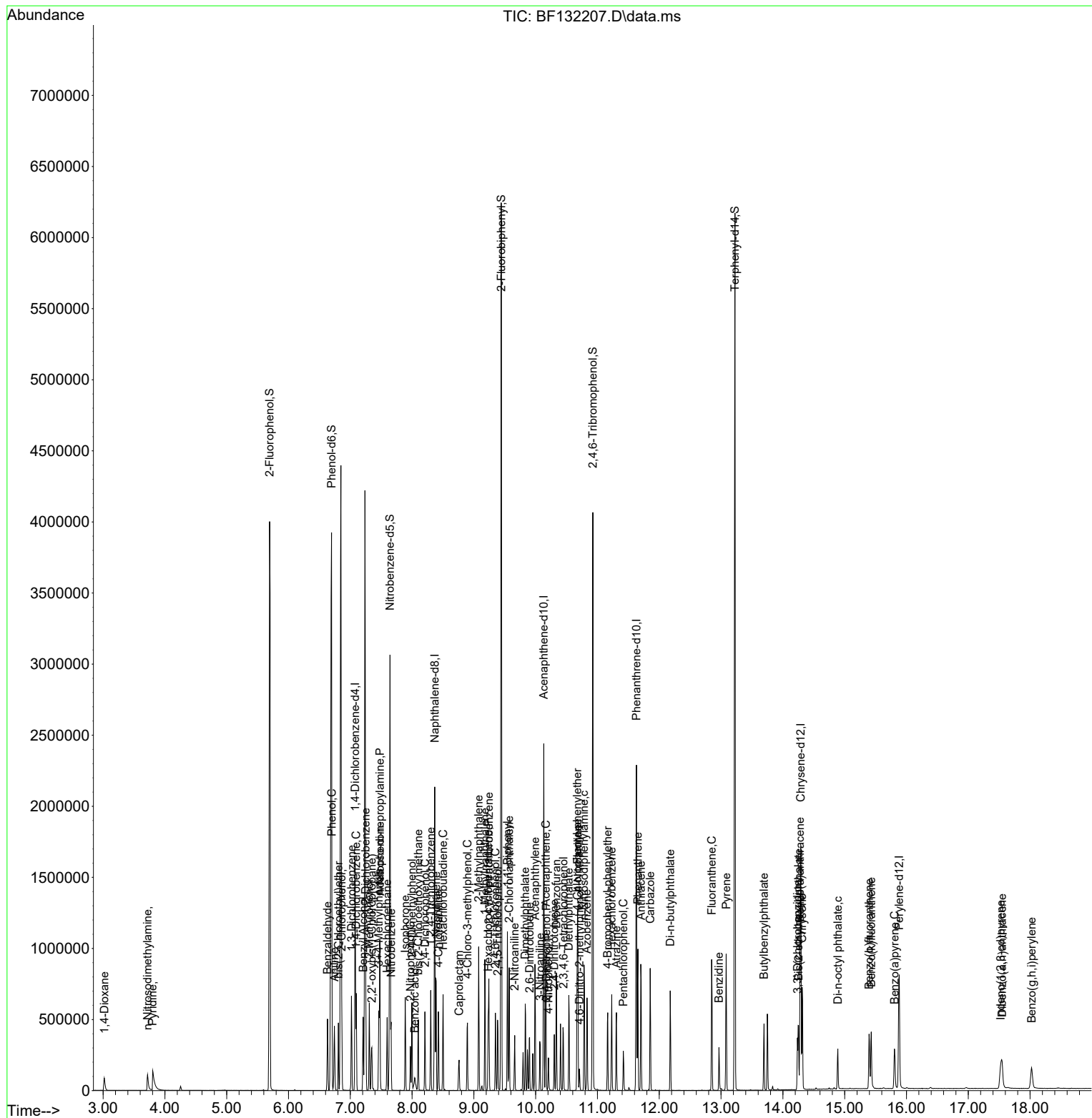
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	74818	6.978	ng	97
46) 1,1'-Biphenyl	9.542	154	288012	8.358	ng	98
47) 2-Chloronaphthalene	9.572	162	217994	8.151	ng	97
48) 2-Nitroaniline	9.660	65	50311	7.005	ng	93
49) Acenaphthylene	9.989	152	329312	7.925	ng	99
50) Dimethylphthalate	9.831	163	240294	7.919	ng	99
51) 2,6-Dinitrotoluene	9.901	165	48175	7.473	ng	# 83
52) Acenaphthene	10.166	154	204108	7.989	ng	99
53) 3-Nitroaniline	10.072	138	51939	7.281	ng	88
54) 2,4-Dinitrophenol	10.172	184	12070	10.106	ng	# 1
55) Dibenzofuran	10.336	168	310527	8.113	ng	93
56) 4-Nitrophenol	10.207	139	33266	6.454	ng	97
57) 2,4-Dinitrotoluene	10.301	165	59504	7.497	ng	89
58) Fluorene	10.678	166	239632	8.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.448	232	56036	7.355	ng	98
60) Diethylphthalate	10.536	149	228615	7.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	120912	7.840	ng	91
62) 4-Nitroaniline	10.684	138	46918	7.010	ng	88
63) Azobenzene	10.831	77	228673	7.325	ng	98
65) 4,6-Dinitro-2-methylph...	10.707	198	19391	9.396	ng	88
66) n-Nitrosodiphenylamine	10.784	169	201590	7.850	ng	98
67) 4-Bromophenyl-phenylether	11.166	248	69635	7.397	ng	98
68) Hexachlorobenzene	11.231	284	78208	8.384	ng	93
69) Atrazine	11.307	200	61441	8.336	ng	99
70) Pentachlorophenol	11.419	266	30269	4.916	ng	97
71) Phenanthrene	11.654	178	342667	8.237	ng	96
72) Anthracene	11.701	178	341112	8.052	ng	97
73) Carbazole	11.854	167	294003	8.079	ng	99
74) Di-n-butylphthalate	12.178	149	321470	7.764	ng	98
75) Fluoranthene	12.848	202	335947	7.936	ng	98
77) Benzidine	12.966	184	109761	8.317	ng	96
78) Pyrene	13.083	202	343958	7.260	ng	98
80) Butylbenzylphthalate	13.695	149	97932	7.667	ng	91
81) Benzo(a)anthracene	14.277	228	263480	7.411	ng	98
82) 3,3'-Dichlorobenzidine	14.236	252	71082	7.378	ng	97
83) Chrysene	14.313	228	244992	7.395	ng	98
84) Bis(2-ethylhexyl)phtha...	14.254	149	134516	7.154	ng	# 98
85) Di-n-octyl phthalate	14.889	149	144527	9.472	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	153869	5.768	ng	99
88) Benzo(b)fluoranthene	15.395	252	184720	7.455	ng	99
89) Benzo(k)fluoranthene	15.430	252	197260	7.715	ng	99
90) Benzo(a)pyrene	15.807	252	151112	6.462	ng	98
91) Dibenzo(a,h)anthracene	17.548	278	134616	6.172	ng	98
92) Benzo(g,h,i)perylene	18.024	276	133818	6.018	ng	99

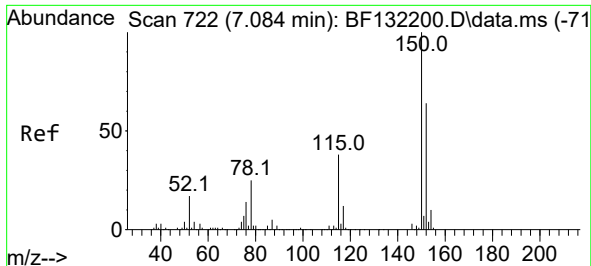
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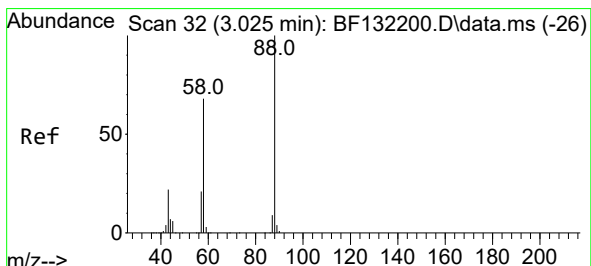
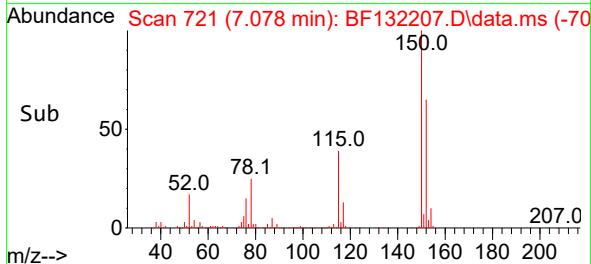
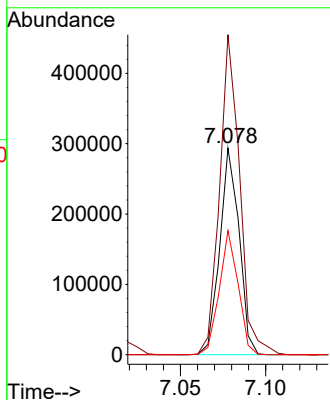
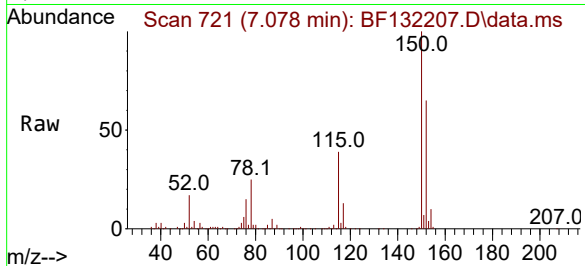




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

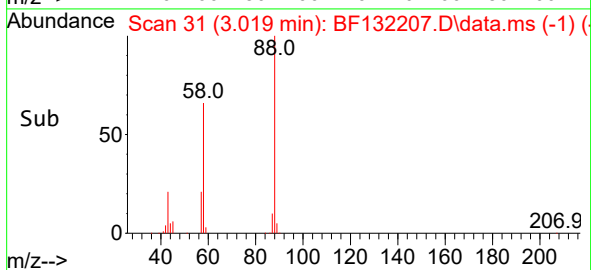
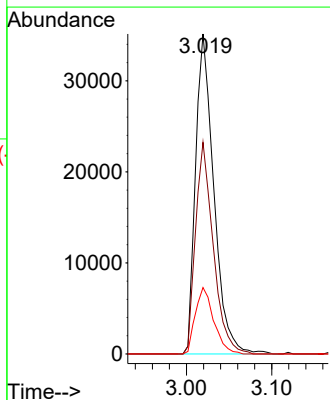
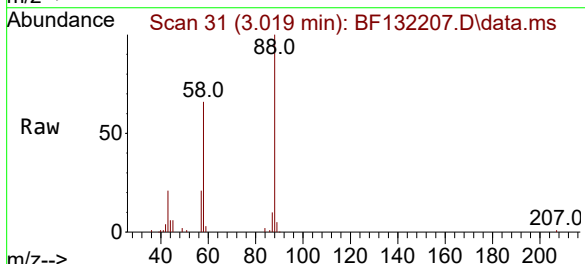
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

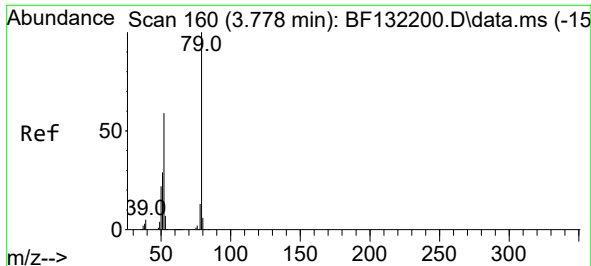
Tgt Ion:152 Resp: 231541
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.5 186.7
 115 60.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 7.480 ng
 RT: 3.019 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

Tgt Ion: 88 Resp: 52391
 Ion Ratio Lower Upper
 88 100
 58 64.2 54.1 81.1
 43 21.0 18.0 27.0

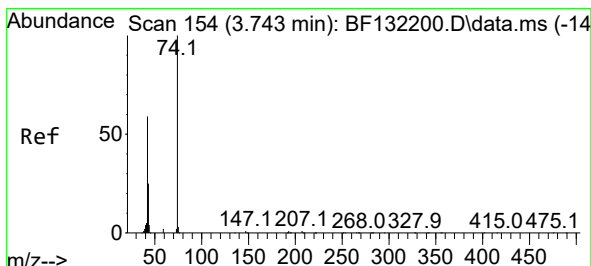
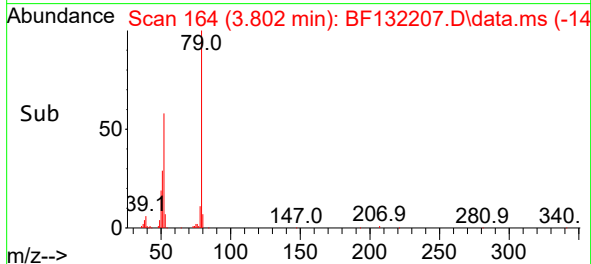
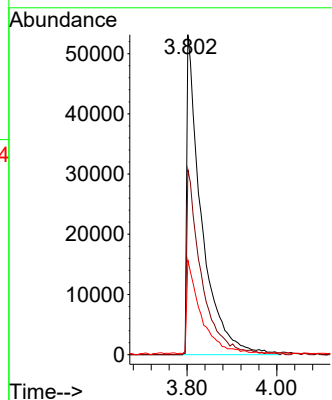
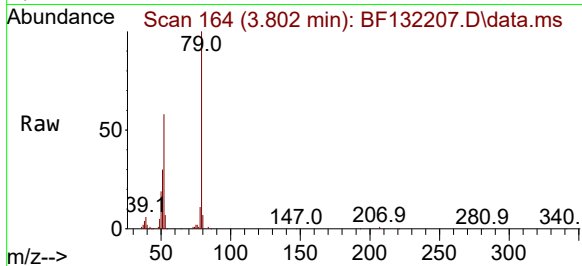




#3
Pyridine
Concen: 6.255 ng
RT: 3.802 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

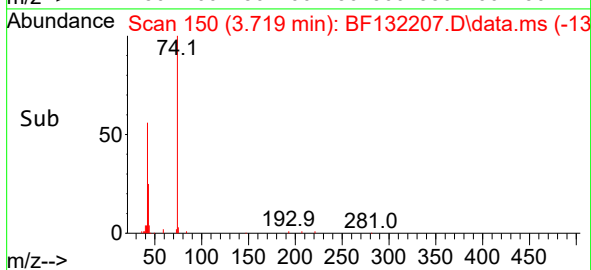
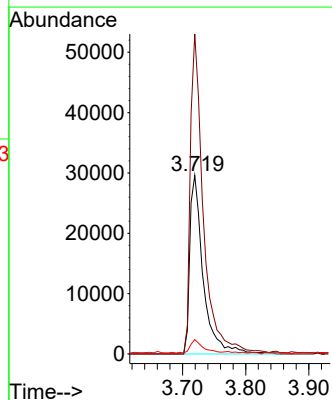
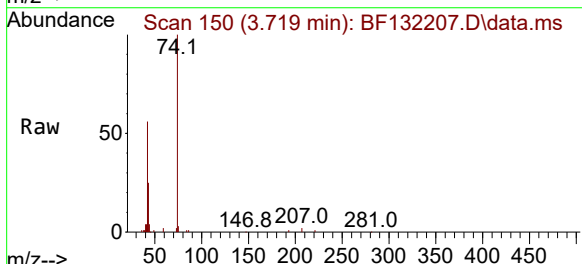
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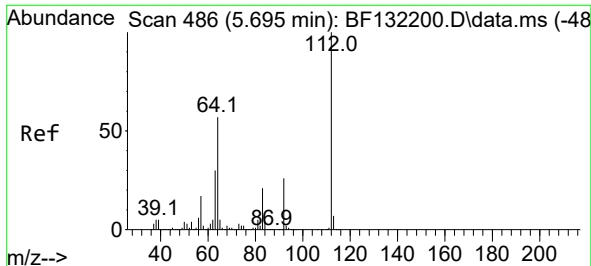
Tgt Ion: 79 Resp: 120334
Ion Ratio Lower Upper
79 100
52 57.8 46.8 70.2
51 29.5 23.0 34.6



#4
n-Nitrosodimethylamine
Concen: 6.820 ng
RT: 3.719 min Scan# 150
Delta R.T. -0.023 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 42 Resp: 43910
Ion Ratio Lower Upper
42 100
74 179.2 135.3 202.9
44 8.1 5.1 7.7#

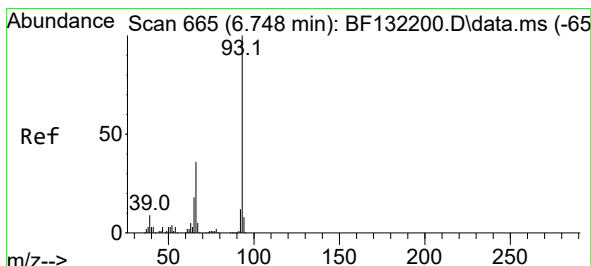
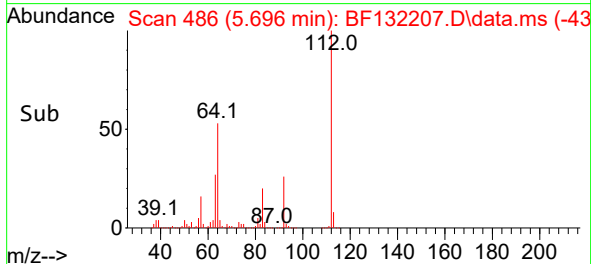
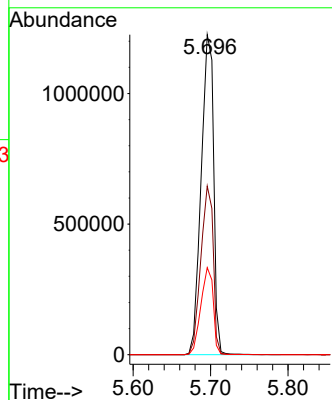
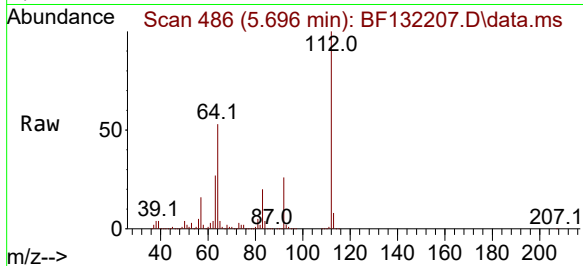




#5
2-Fluorophenol
Concen: 98.305 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

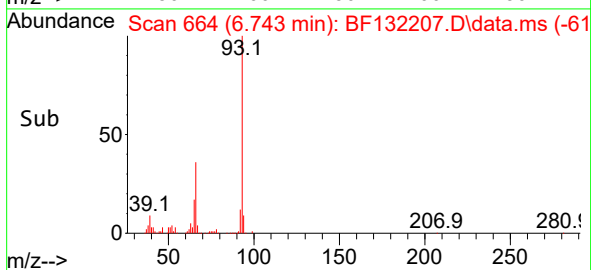
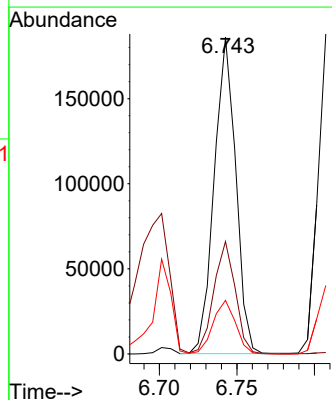
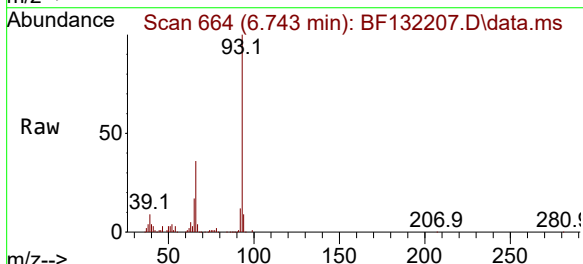
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ClientSampleId :
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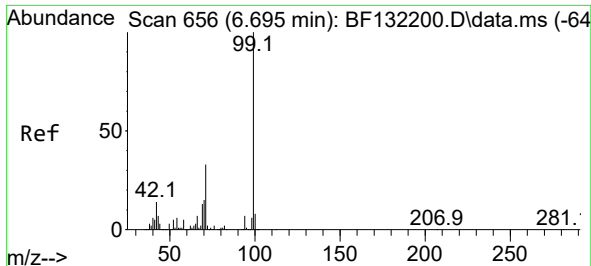
Tgt Ion:112 Resp: 1368040
Ion Ratio Lower Upper
112 100
64 52.7 45.5 68.3
63 27.2 23.7 35.5



#6
Aniline
Concen: 7.369 ng
RT: 6.743 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132207.D
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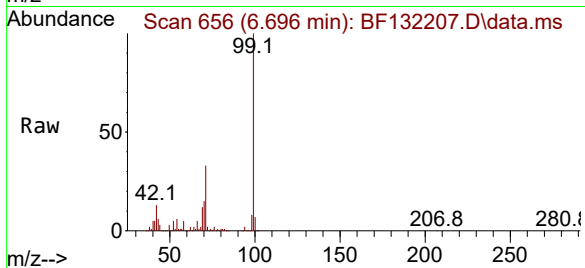
Tgt Ion: 93 Resp: 180064
Ion Ratio Lower Upper
93 100
66 35.5 28.7 43.1
65 16.9 14.7 22.1





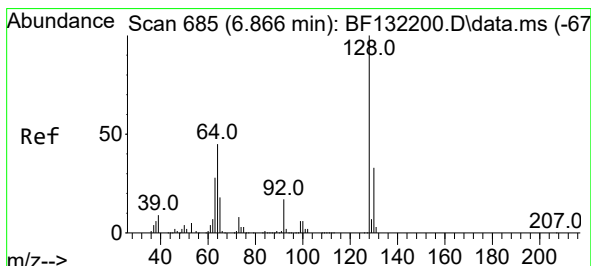
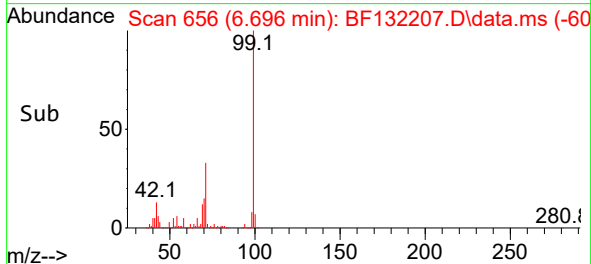
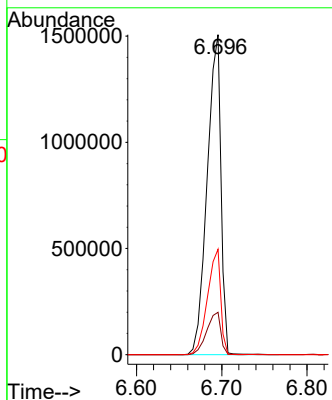
#7
Phenol-d6
Concen: 96.978 ng
RT: 6.696 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132207.D
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Tgt Ion: 99 Resp: 1692172

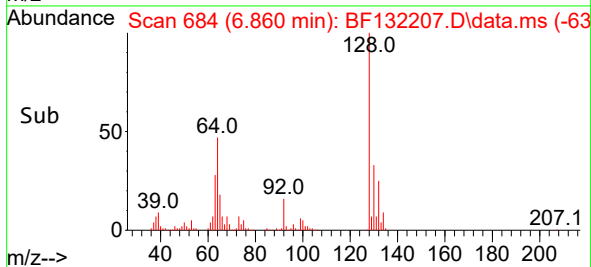
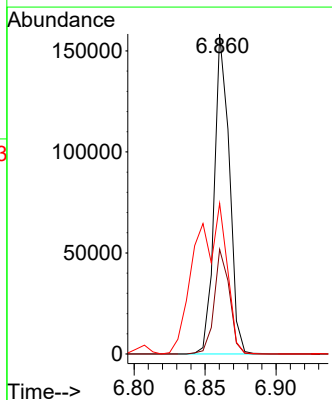
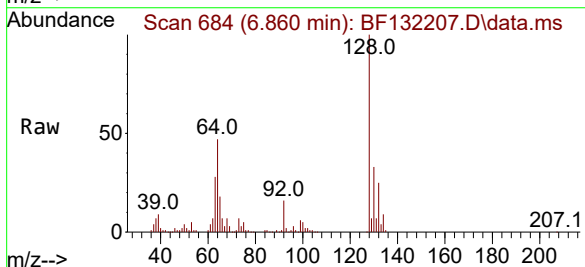
Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.3	16.9
71	33.0	26.3	39.5

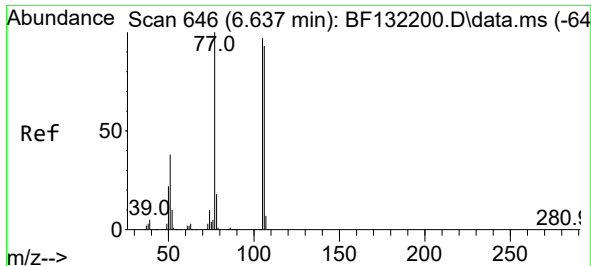


#8
2-Chlorophenol
Concen: 8.358 ng
RT: 6.860 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 128 Resp: 116623

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	47.0	25.7	65.7

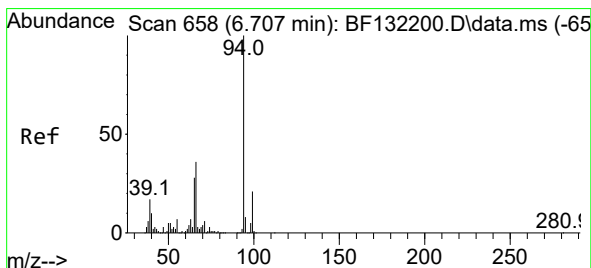
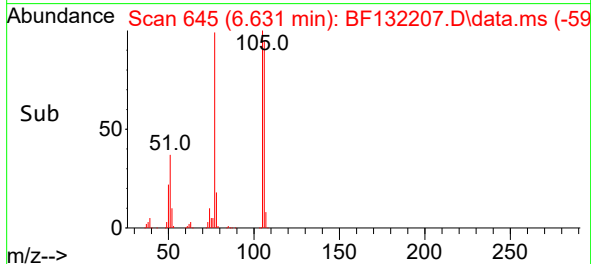
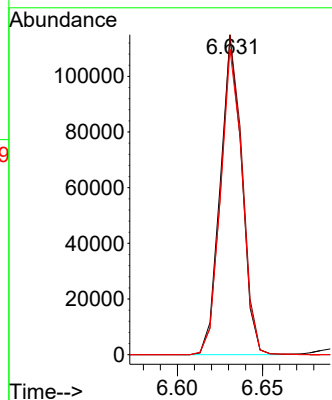
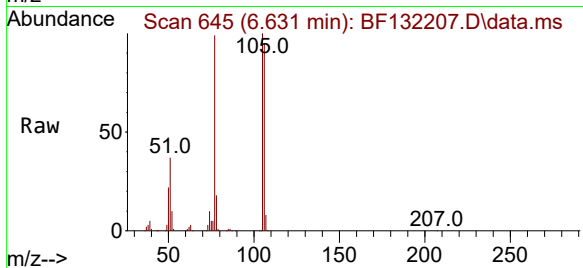




#9
Benzaldehyde
Concen: 7.506 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132207.D
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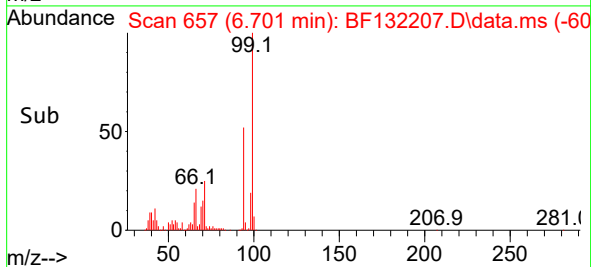
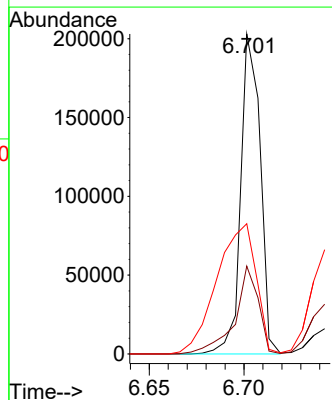
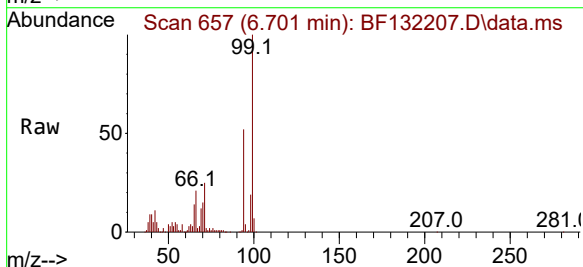
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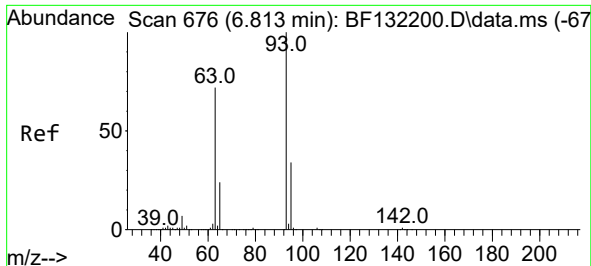
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Ion Ratio Lower Upper
77 100
105 100.7 77.0 117.0
106 96.1 73.2 113.2



#10
Phenol
Concen: 7.972 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 94 Resp: 144807
Ion Ratio Lower Upper
94 100
65 27.5 7.6 47.6
66 40.7 16.3 56.3





#11

bis(2-Chloroethyl)ether

Concen: 7.820 ng

RT: 6.807 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

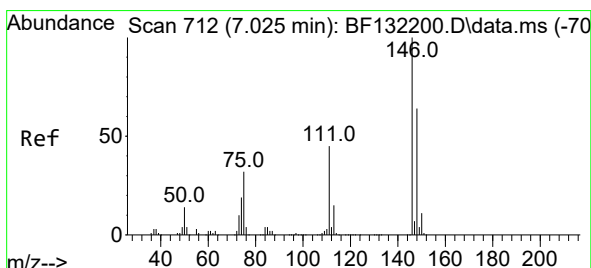
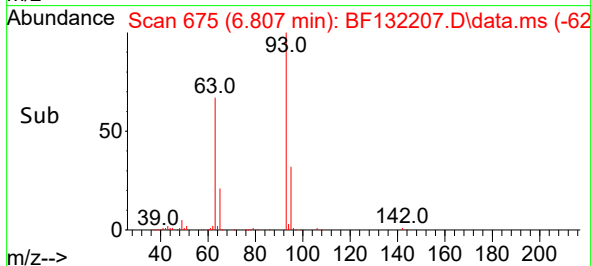
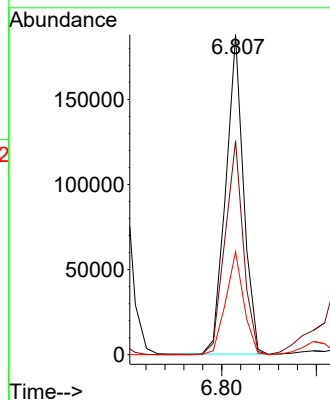
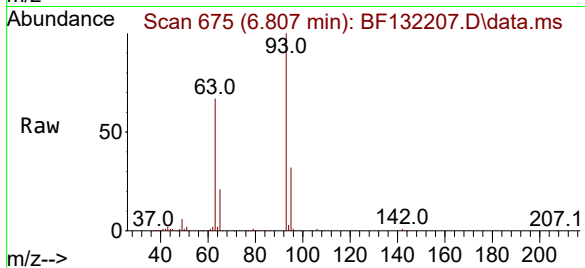
Tgt Ion: 93 Resp: 122527

Ion Ratio Lower Upper

93 100

63 66.8 52.2 92.2

95 32.1 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 8.581 ng

RT: 7.019 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

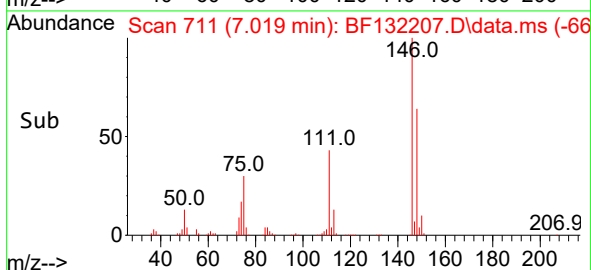
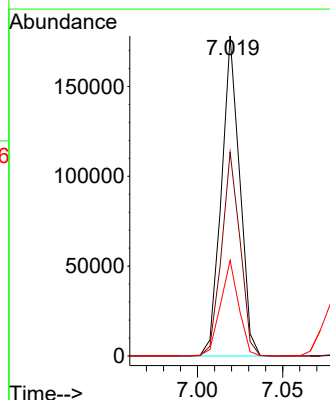
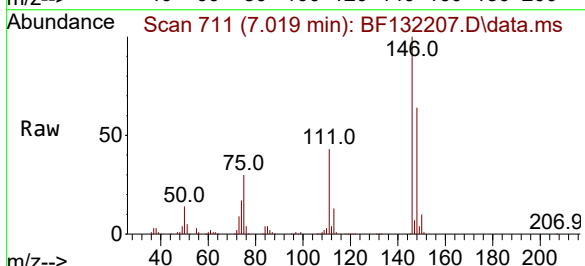
Tgt Ion:146 Resp: 133114

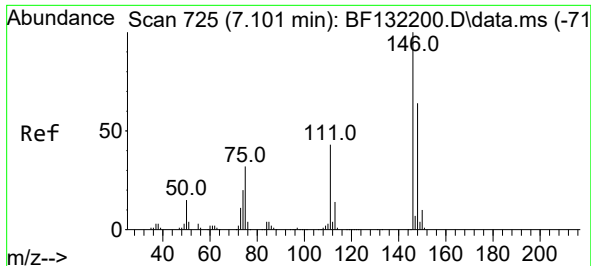
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

75 29.8 25.4 38.2

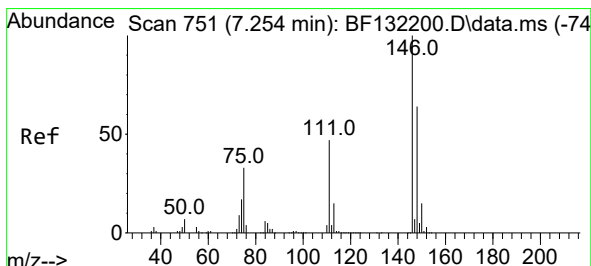
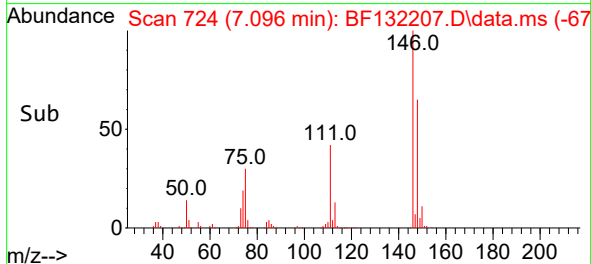
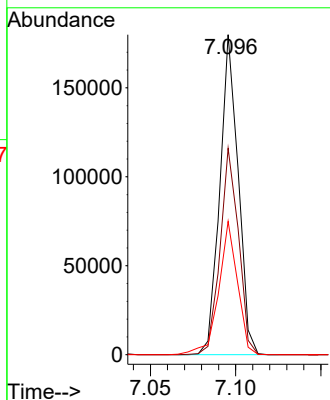
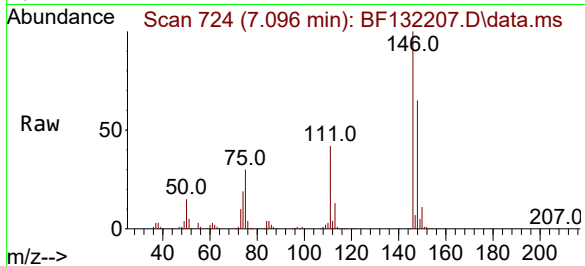




#13
1,4-Dichlorobenzene
Concen: 8.712 ng
RT: 7.096 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

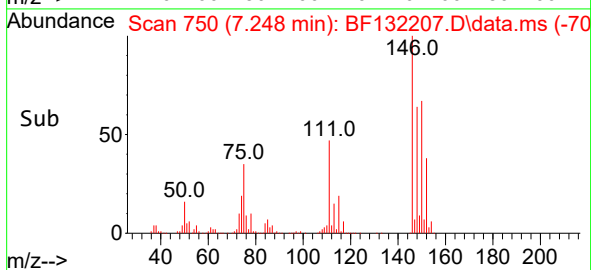
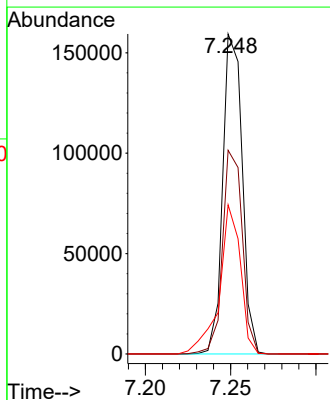
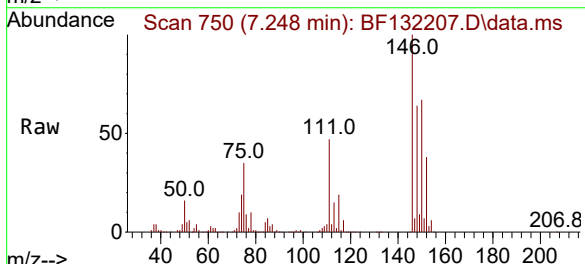
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

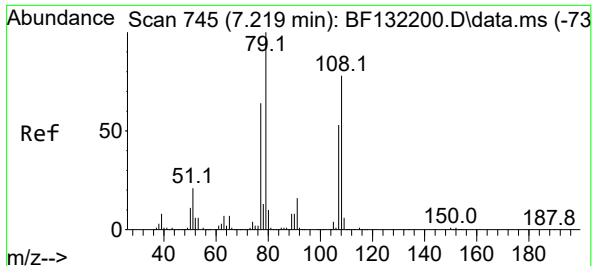
Tgt Ion:146 Resp: 134727
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 41.7 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 8.795 ng
RT: 7.248 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:146 Resp: 126354
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
111 46.6 37.5 56.3

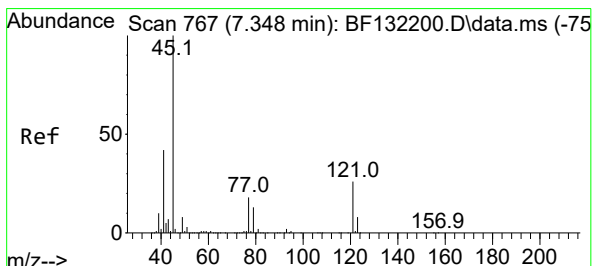
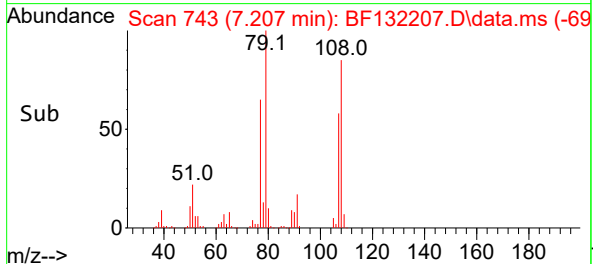
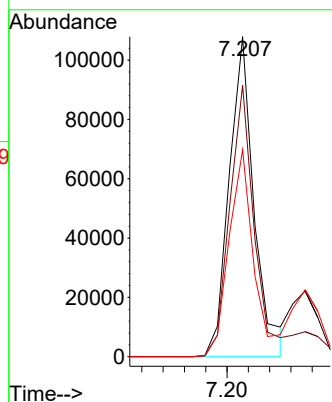
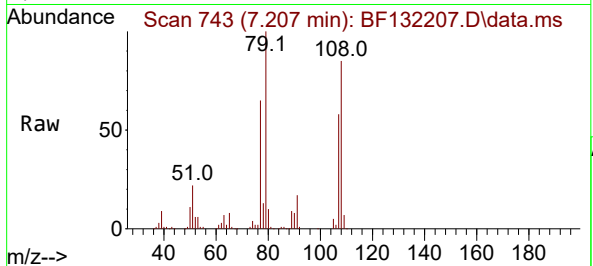




#15
Benzyl Alcohol
Concen: 6.828 ng
RT: 7.207 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

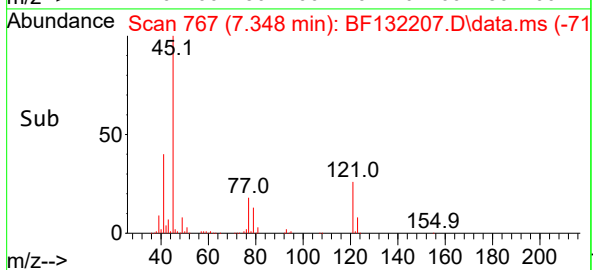
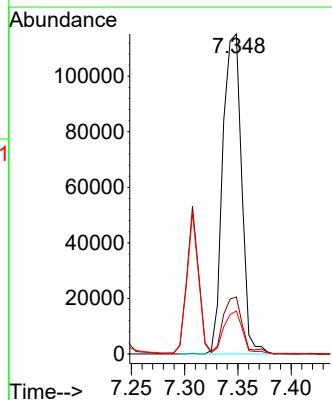
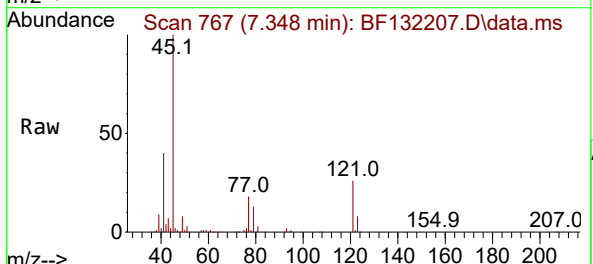
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

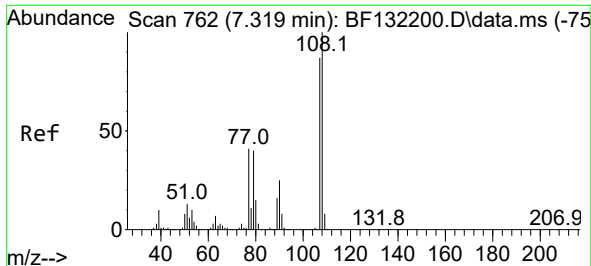
Tgt Ion: 79 Resp: 87548
Ion Ratio Lower Upper
79 100
108 84.8 62.2 93.4
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.920 ng
RT: 7.348 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 45 Resp: 140929
Ion Ratio Lower Upper
45 100
77 17.8 0.0 38.0
79 13.4 0.0 32.9





#17

2-Methylphenol

Concen: 7.478 ng

RT: 7.307 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF132207.D

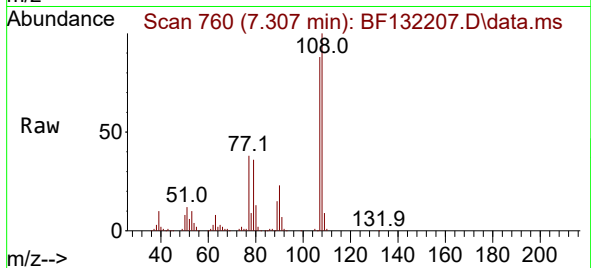
Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:107 Resp: 94878

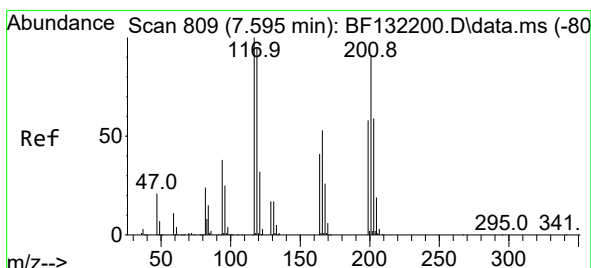
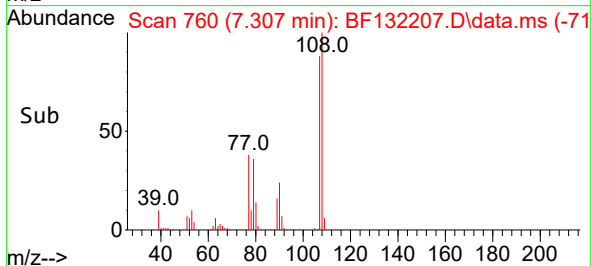
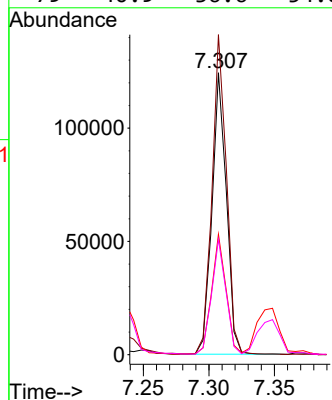
Ion Ratio Lower Upper

107 100

108 113.5 92.2 138.4

77 42.7 37.5 56.3

79 40.9 36.6 54.8



#18

Hexachloroethane

Concen: 8.168 ng

RT: 7.596 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

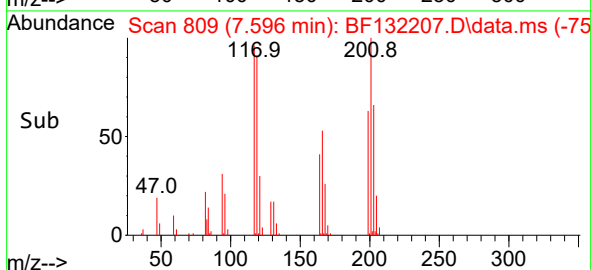
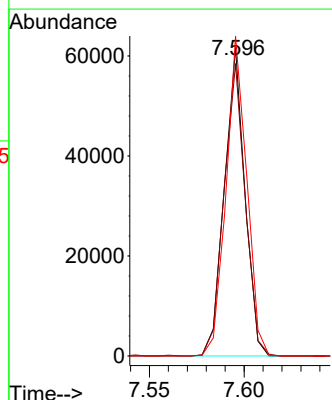
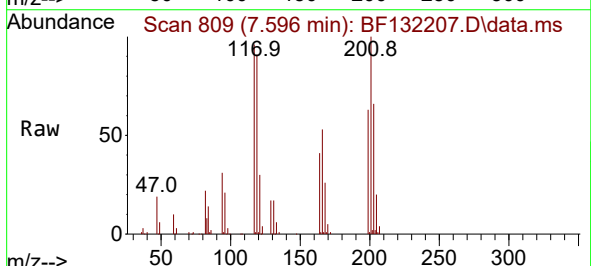
Tgt Ion:117 Resp: 46417

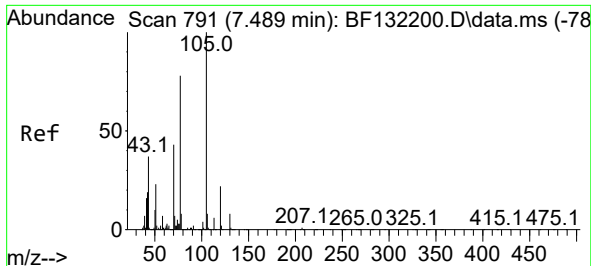
Ion Ratio Lower Upper

117 100

119 94.8 76.0 114.0

201 103.8 72.9 109.3

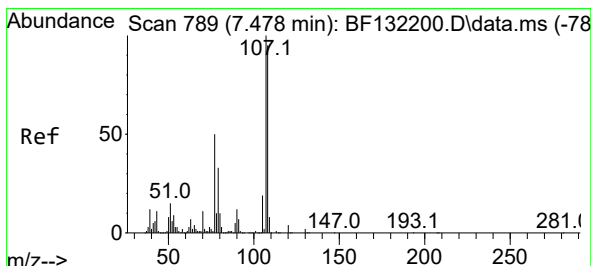
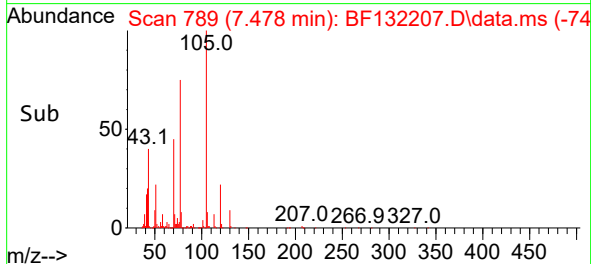
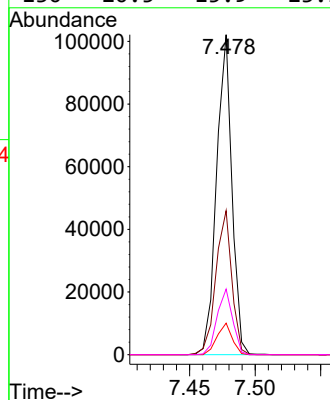
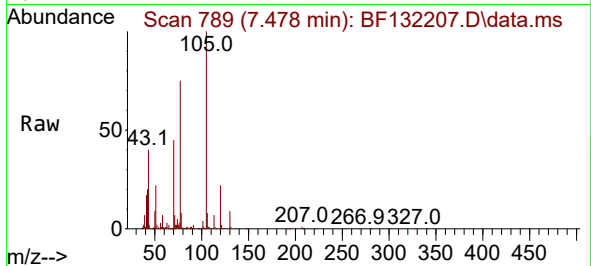




#19
n-Nitroso-di-n-propylamine
Concen: 7.902 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

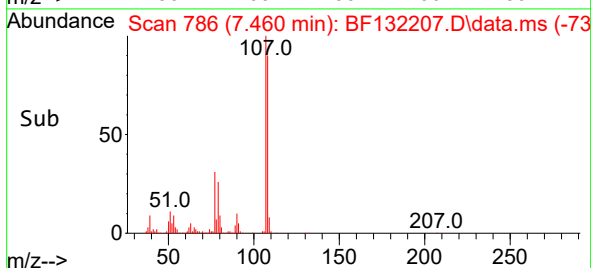
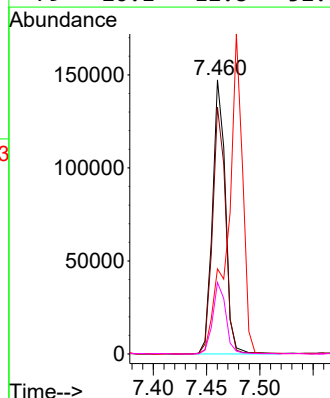
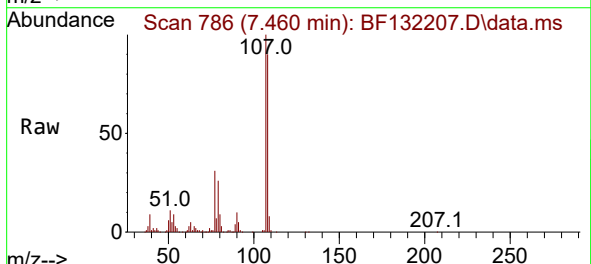
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

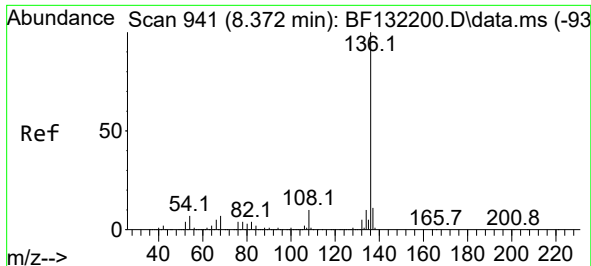
Tgt Ion:	70	Resp:	82991
Ion	Ratio	Lower	Upper
70	100		
42	45.0	36.2	54.4
101	9.9	7.9	11.9
130	20.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 7.804 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.018 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:	107	Resp:	124442
Ion	Ratio	Lower	Upper
107	100		
108	90.1	75.1	115.1
77	31.1	29.6	69.6
79	26.1	12.8	52.8

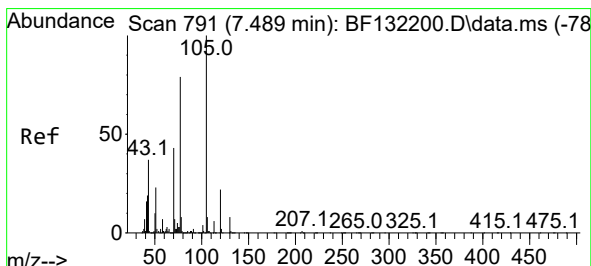
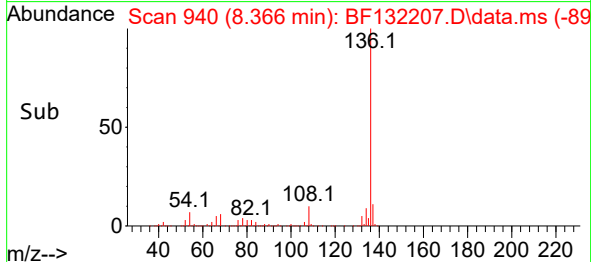
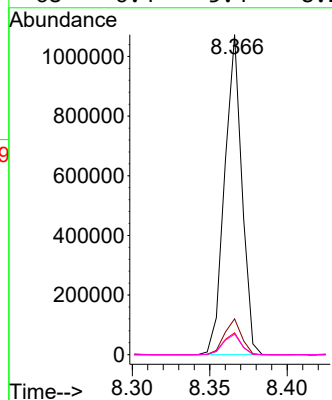
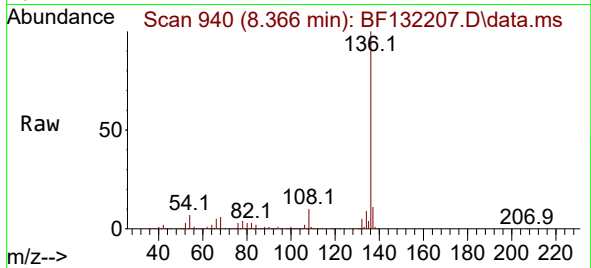




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

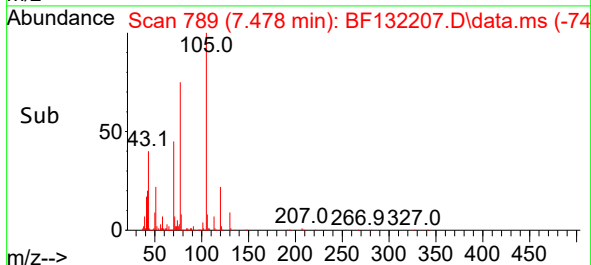
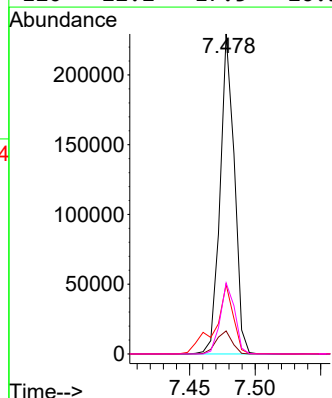
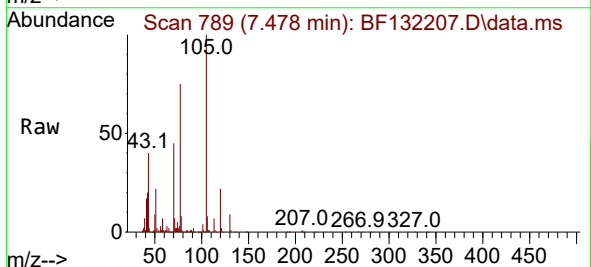
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

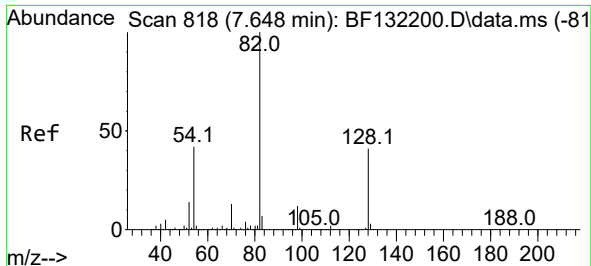
Tgt Ion:136 Resp: 830345
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.8 5.4 8.2
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 8.503 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:105 Resp: 172633
Ion Ratio Lower Upper
105 100
71 7.2 5.7 8.5
51 21.7 18.1 27.1
120 22.2 17.5 26.3

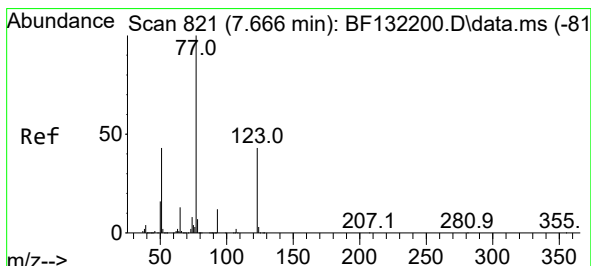
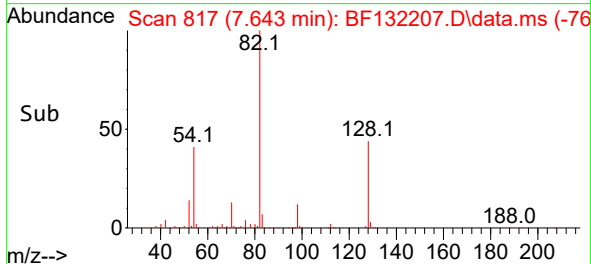
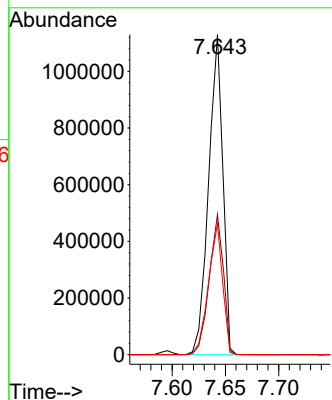
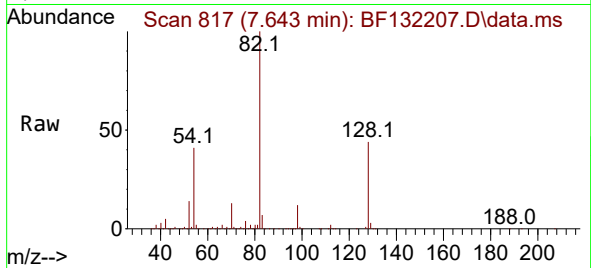




#23
Nitrobenzene-d5
Concen: 66.518 ng
RT: 7.643 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

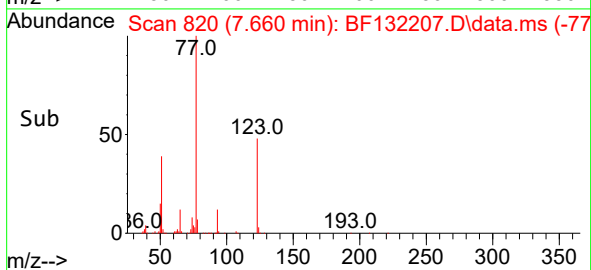
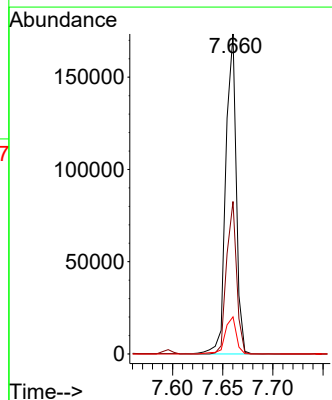
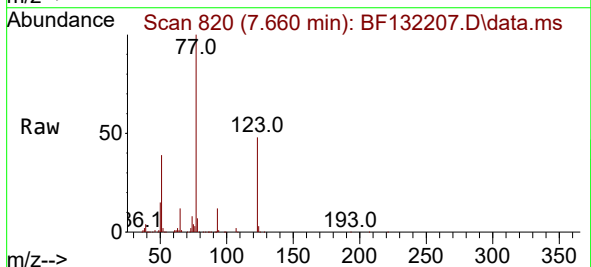
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

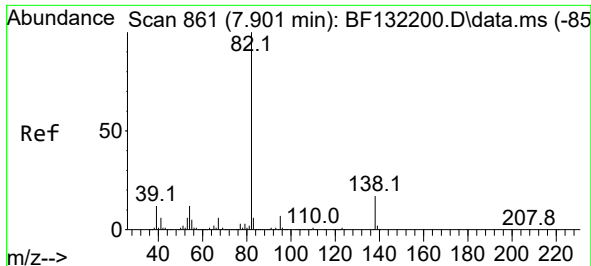
Tgt Ion: 82 Resp: 1055019
Ion Ratio Lower Upper
82 100
128 43.7 32.7 49.1
54 40.9 33.3 49.9



#24
Nitrobenzene
Concen: 7.669 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 77 Resp: 125752
Ion Ratio Lower Upper
77 100
123 47.7 34.8 52.2
65 11.6 10.5 15.7

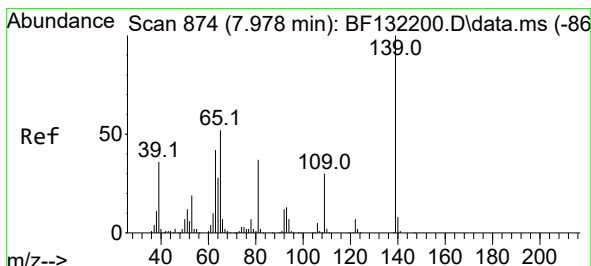
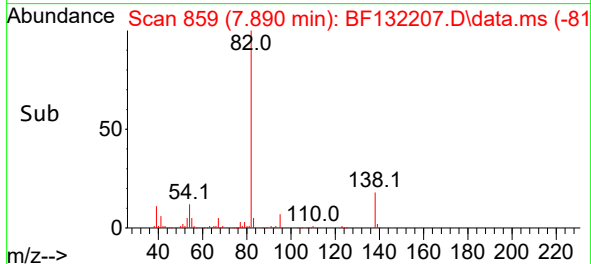
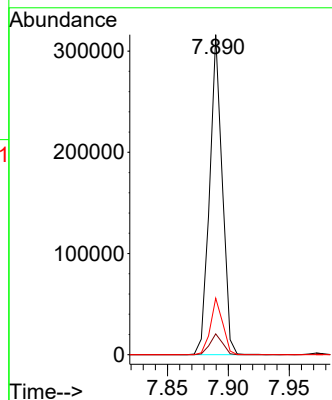
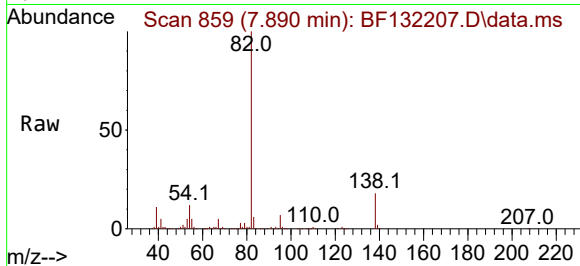




#25
Isophorone
Concen: 7.460 ng
RT: 7.890 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

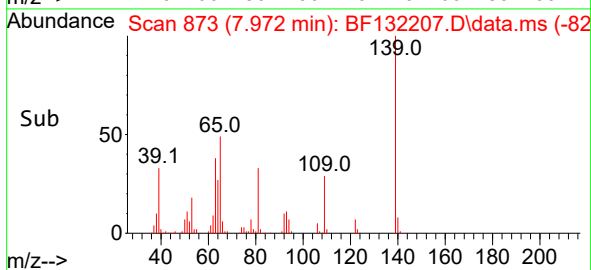
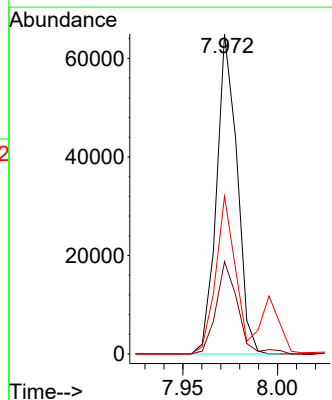
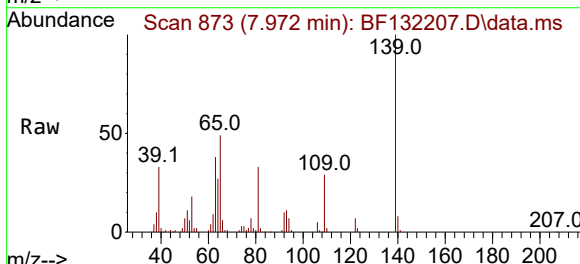
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

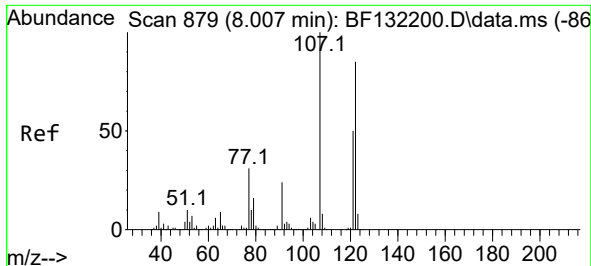
Tgt Ion: 82 Resp: 227558
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 17.6 13.4 20.0



#26
2-Nitrophenol
Concen: 9.424 ng
RT: 7.972 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:139 Resp: 49034
Ion Ratio Lower Upper
139 100
109 28.9 24.2 36.4
65 49.3 41.6 62.4

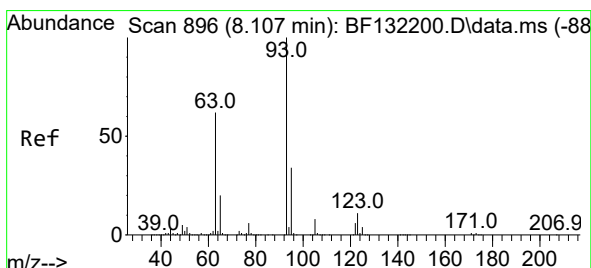
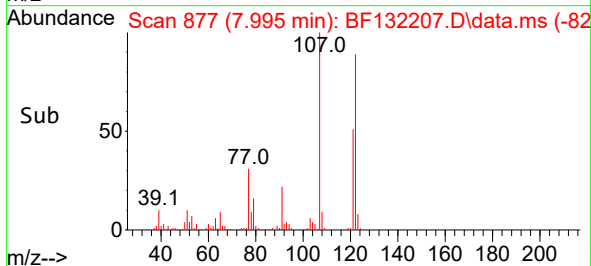
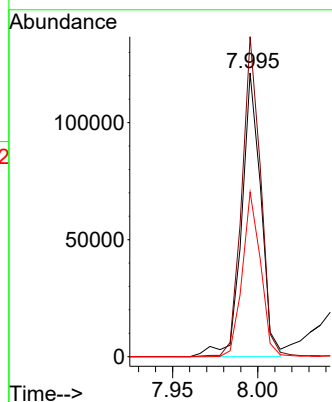
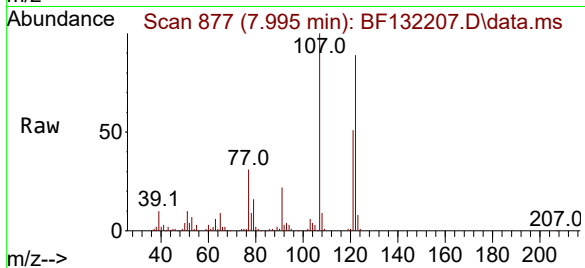




#27
2,4-Dimethylphenol
Concen: 7.432 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

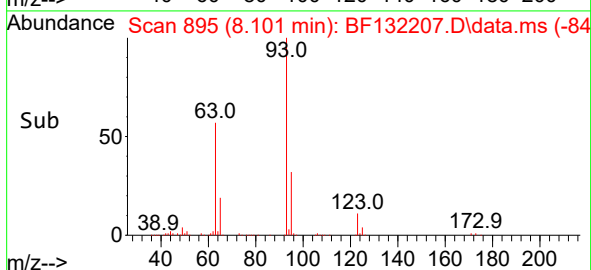
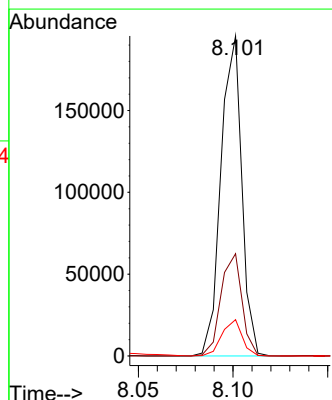
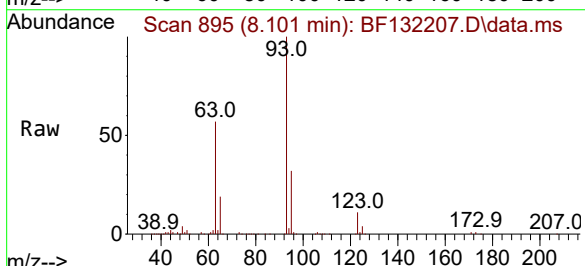
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

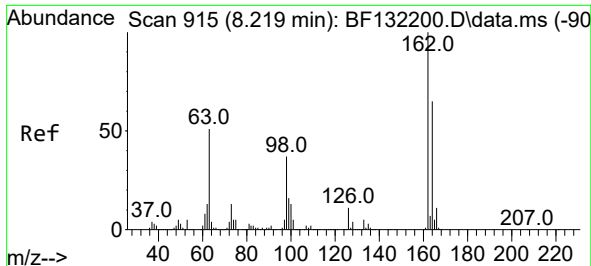
Tgt Ion:122 Resp: 94800
Ion Ratio Lower Upper
122 100
107 112.8 94.1 141.1
121 58.0 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 7.956 ng
RT: 8.101 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion: 93 Resp: 149406
Ion Ratio Lower Upper
93 100
95 32.0 27.0 40.4
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 8.004 ng

RT: 8.207 min Scan# 915

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

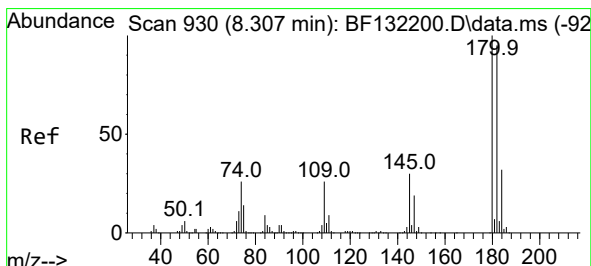
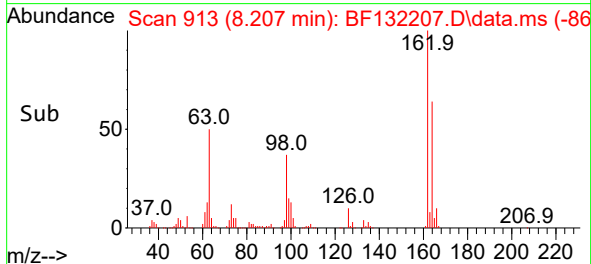
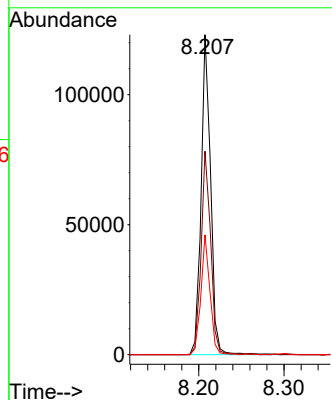
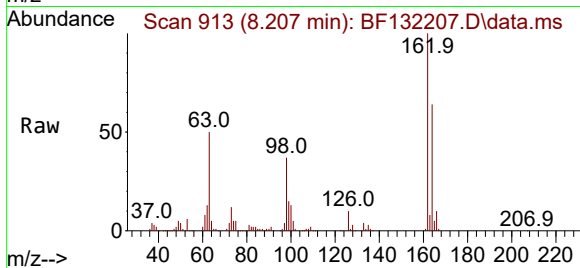
Tgt Ion:162 Resp: 95330

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 37.4 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 8.196 ng

RT: 8.301 min Scan# 929

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

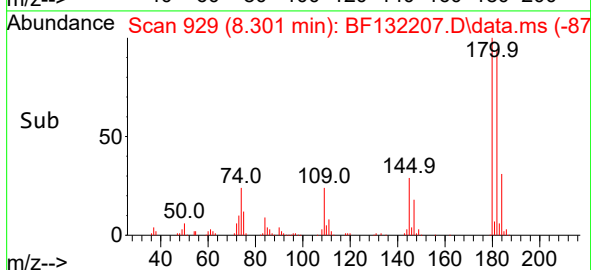
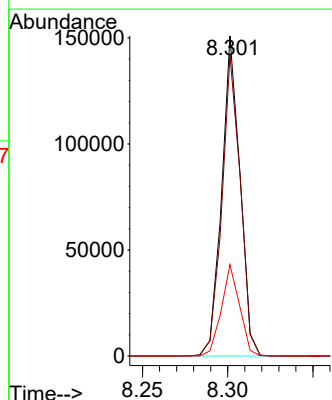
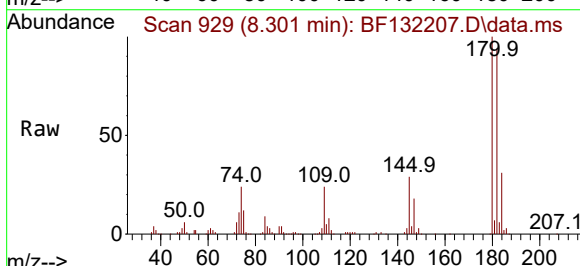
Tgt Ion:180 Resp: 112139

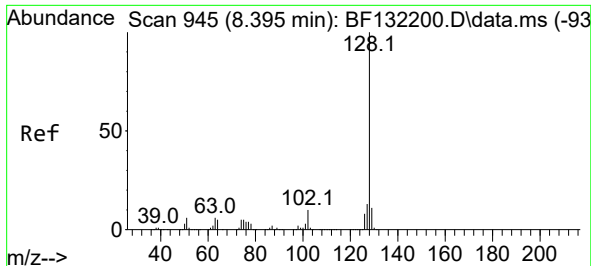
Ion Ratio Lower Upper

180 100

182 94.1 75.7 113.5

145 28.6 23.9 35.9

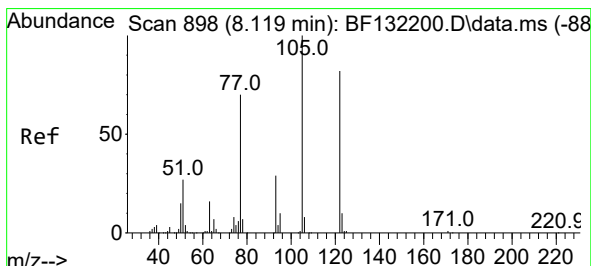
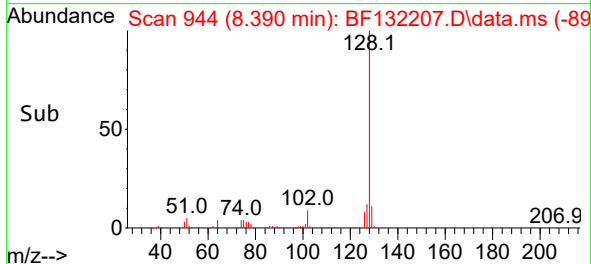
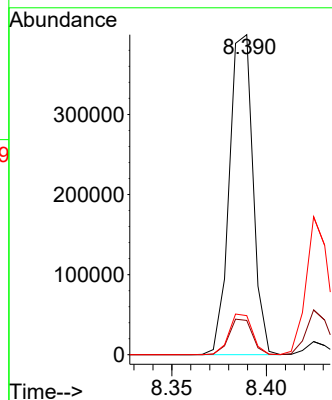
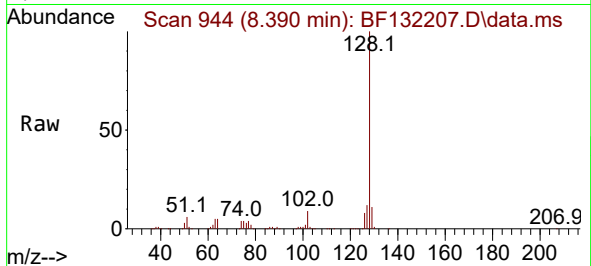




#31
Naphthalene
Concen: 8.419 ng
RT: 8.390 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

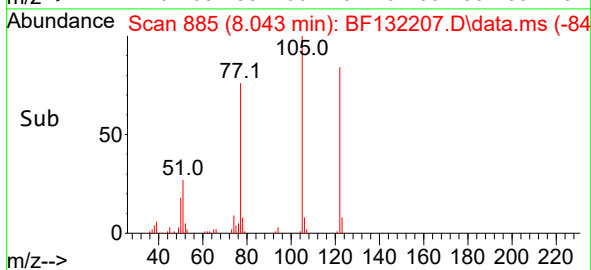
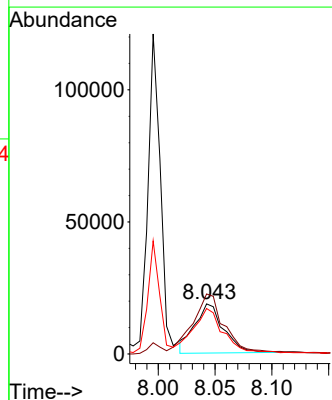
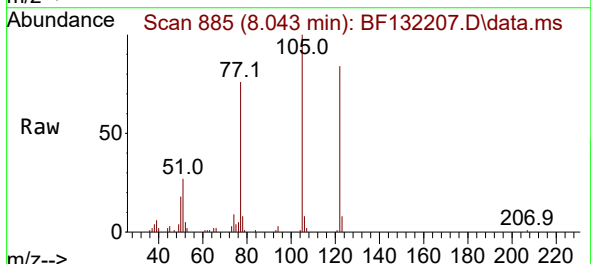
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

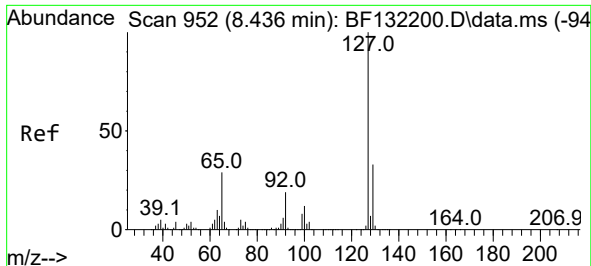
Tgt Ion:128 Resp: 345899
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.2 10.6 16.0



#32
Benzoic acid
Concen: 10.570 ng
RT: 8.043 min Scan# 885
Delta R.T. -0.076 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:122 Resp: 32990
Ion Ratio Lower Upper
122 100
105 119.6 101.5 141.5
77 90.8 66.5 106.5

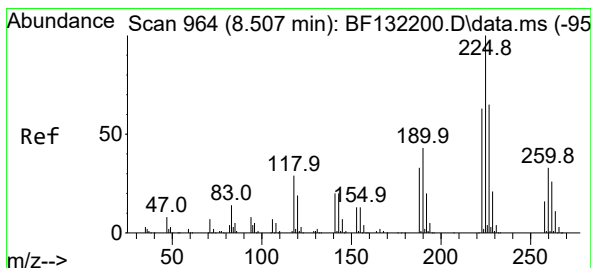
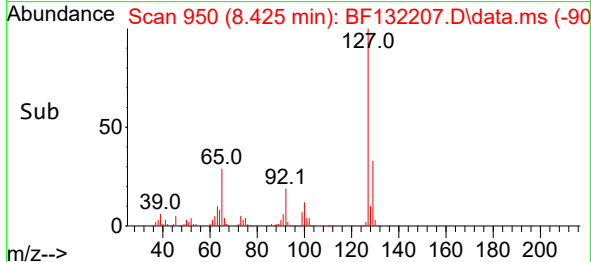
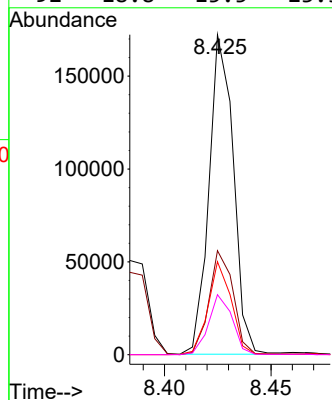
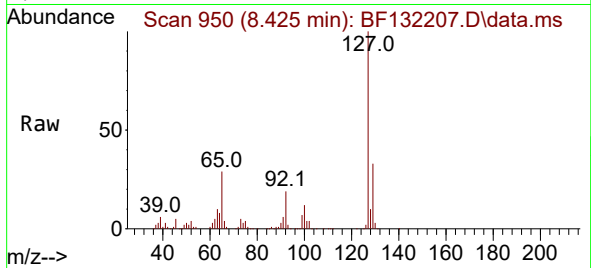




#33
4-Chloroaniline
Concen: 7.711 ng
RT: 8.425 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

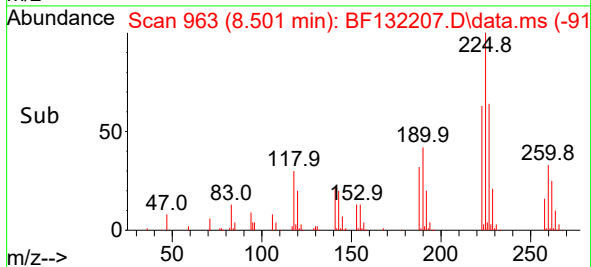
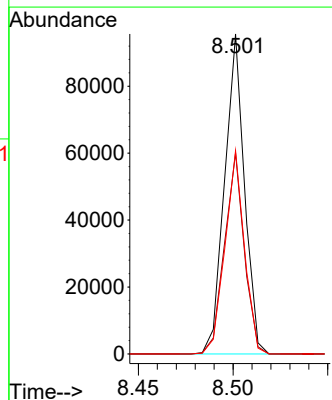
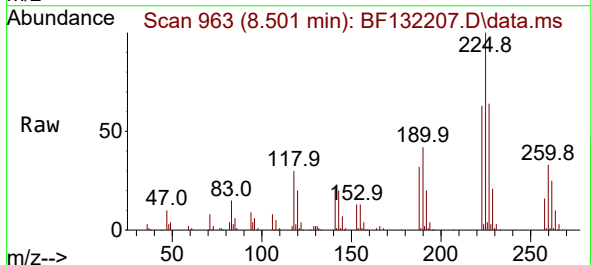
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

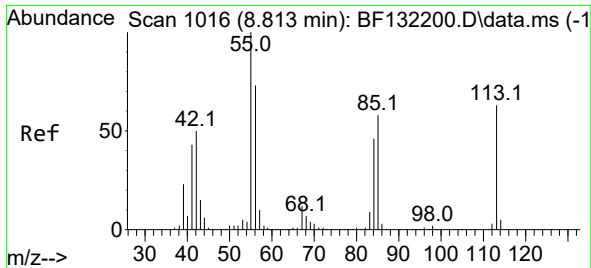
Tgt	Ion:127	Resp:	137335
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.1	22.9	34.3
92	18.8	15.5	23.3



#34
Hexachlorobutadiene
Concen: 8.146 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:225	Resp: 69625
Ion Ratio	Lower Upper
225 100	
223 62.8	50.2 75.2
227 63.5	52.1 78.1

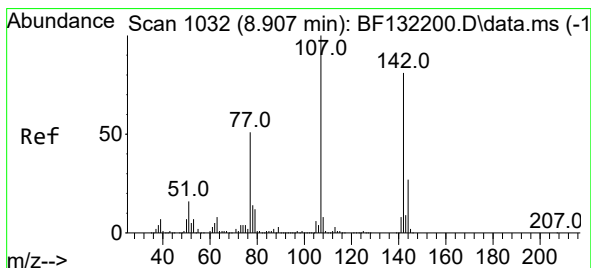
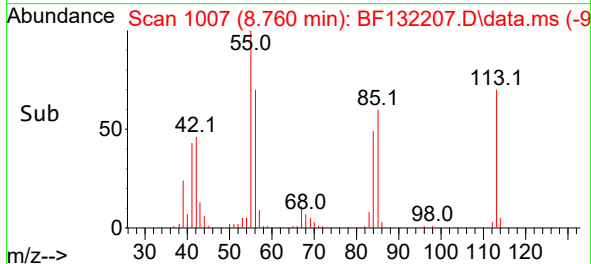
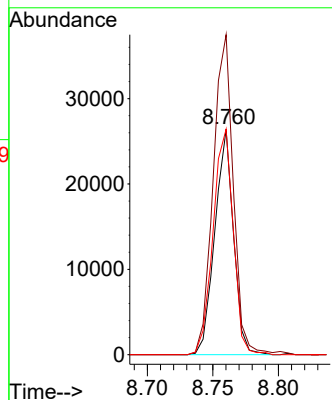
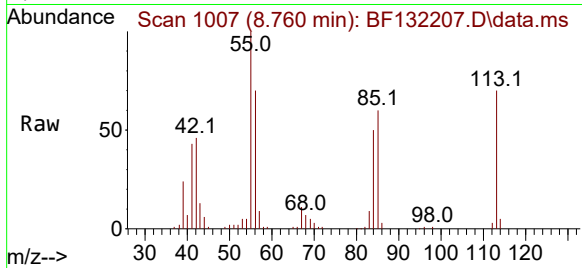




#35
 Caprolactam
 Concen: 7.755 ng
 RT: 8.760 min Scan# 1007
 Delta R.T. -0.053 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

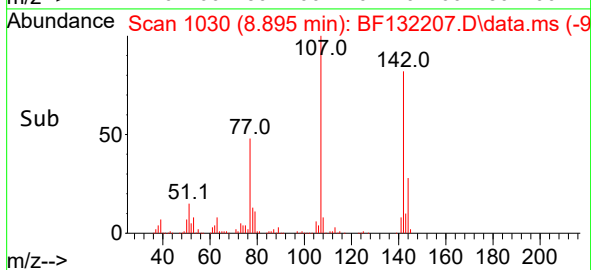
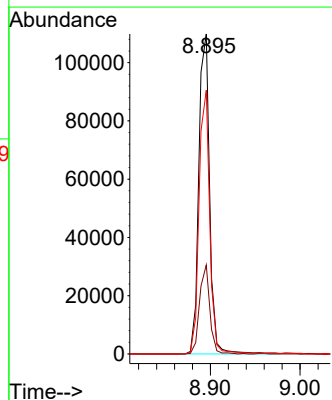
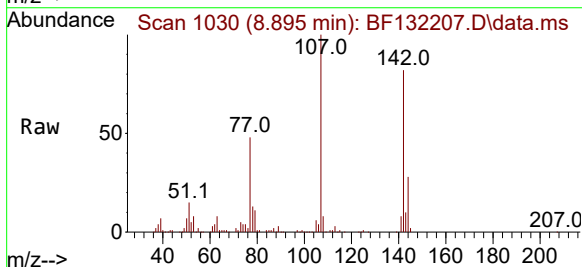
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

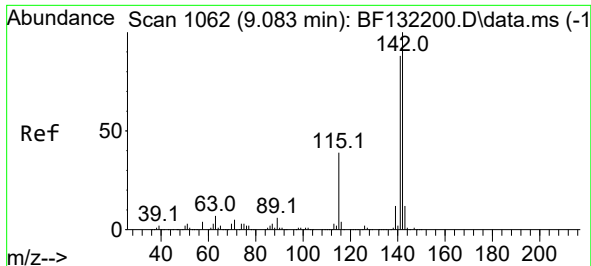
Tgt Ion:113 Resp: 26151
 Ion Ratio Lower Upper
 113 100
 55 142.0 138.7 178.7
 56 100.1 96.5 136.5



#36
 4-Chloro-3-methylphenol
 Concen: 7.554 ng
 RT: 8.895 min Scan# 1030
 Delta R.T. -0.012 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

Tgt Ion:107 Resp: 92126
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.6 32.4
 142 82.4 64.8 97.2

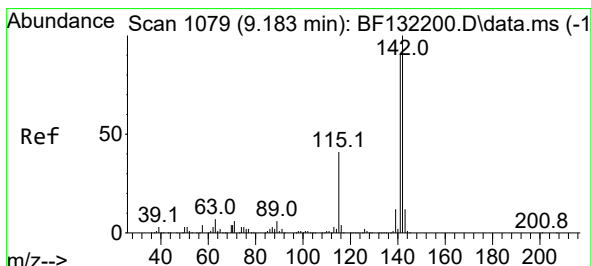
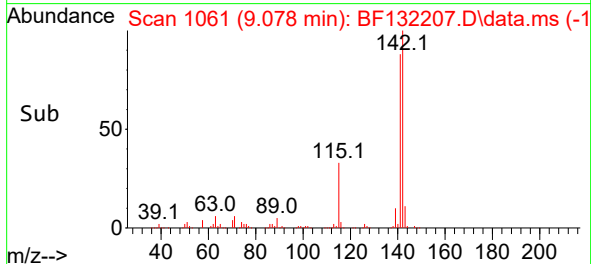
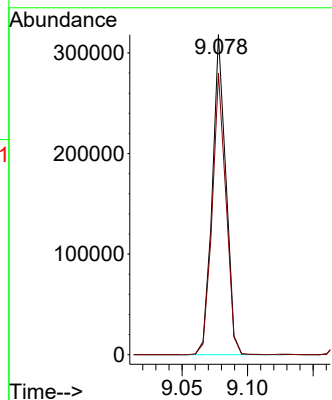
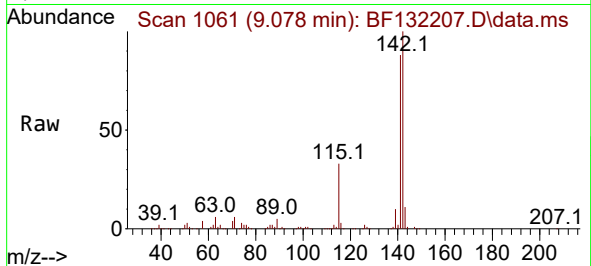




#37
2-Methylnaphthalene
Concen: 8.149 ng
RT: 9.078 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

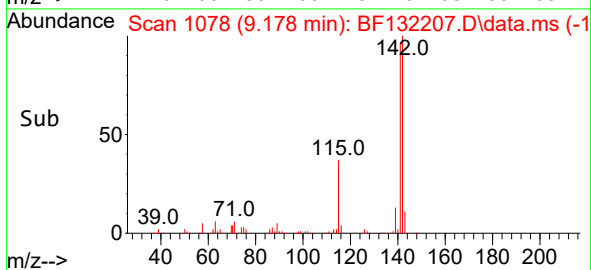
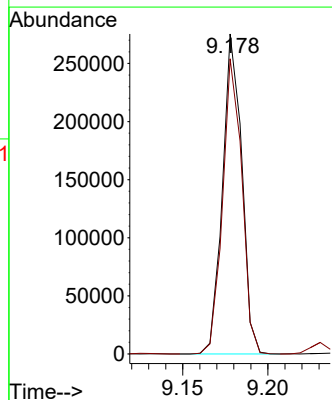
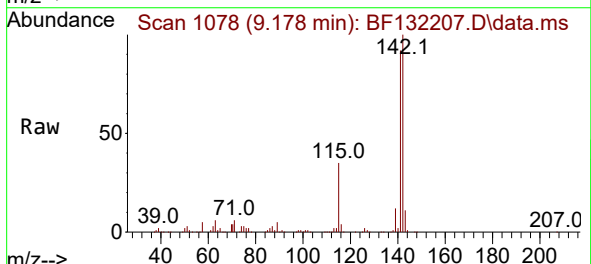
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

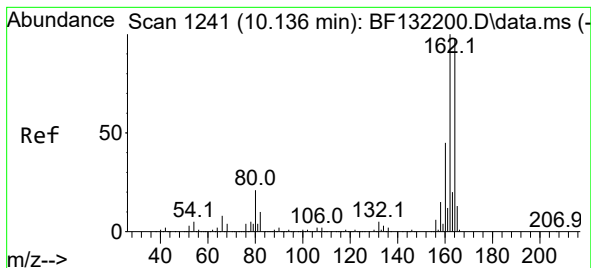
Tgt Ion:142 Resp: 229720
Ion Ratio Lower Upper
142 100
141 87.9 70.0 105.0



#38
1-Methylnaphthalene
Concen: 8.285 ng
RT: 9.178 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:142 Resp: 216652
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.131 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132207.D

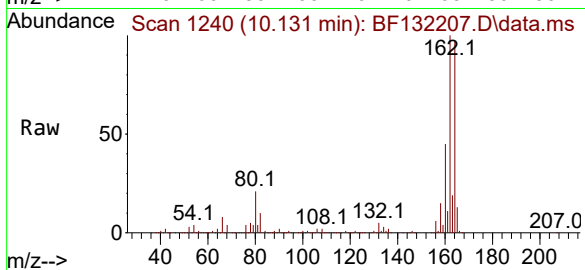
Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



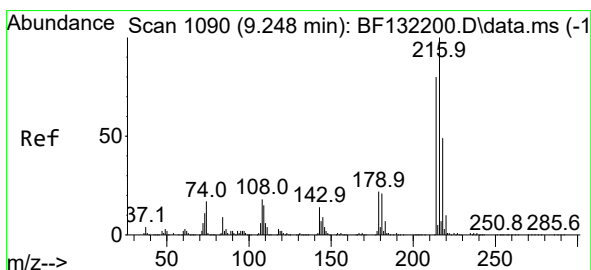
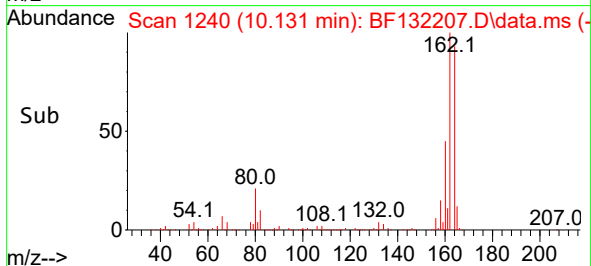
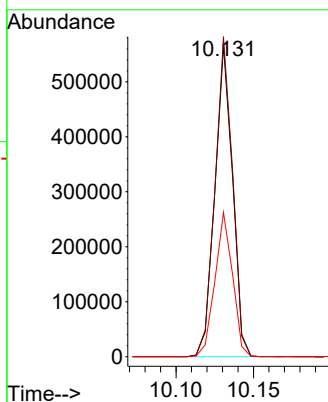
Tgt Ion:164 Resp: 447134

Ion Ratio Lower Upper

164 100

162 102.9 81.5 122.3

160 46.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.821 ng

RT: 9.242 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Tgt Ion:216 Resp: 117359

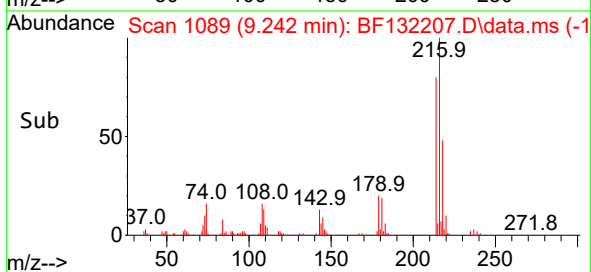
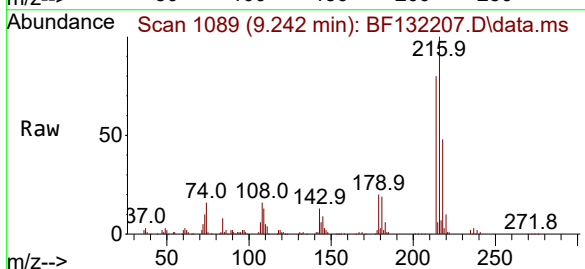
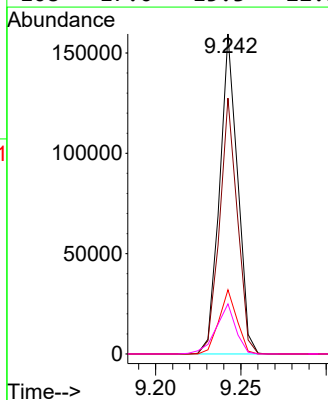
Ion Ratio Lower Upper

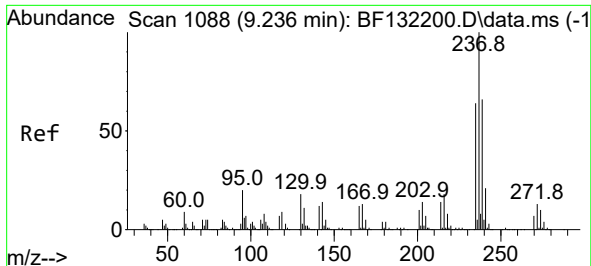
216 100

214 78.6 63.4 95.2

179 20.0 16.8 25.2

108 17.0 15.3 22.9

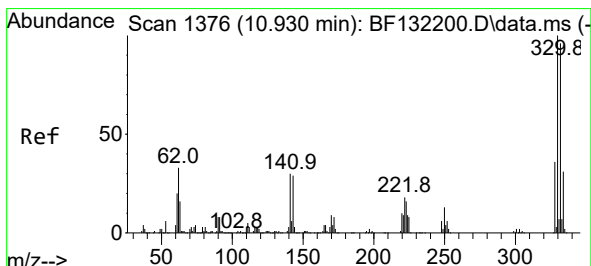
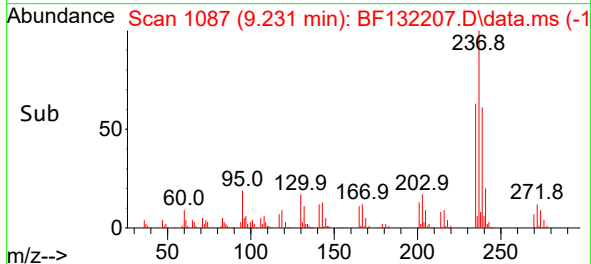
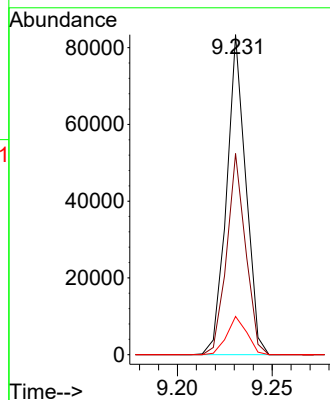
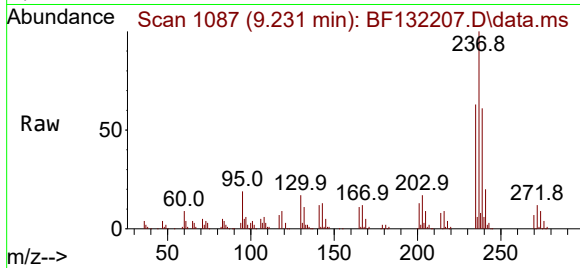




#41
Hexachlorocyclopentadiene
Concen: 7.725 ng
RT: 9.231 min Scan# 1087
Delta R.T. -0.005 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

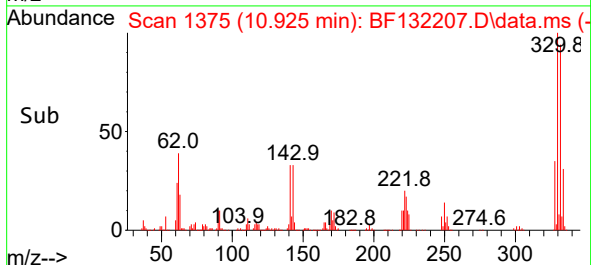
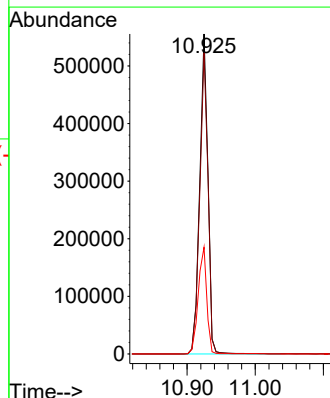
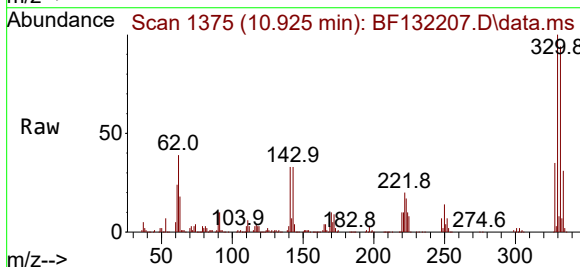
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

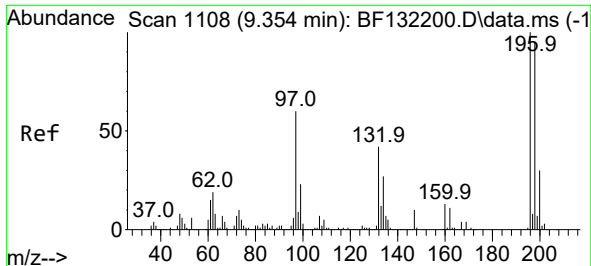
Tgt Ion:237 Resp: 58883
Ion Ratio Lower Upper
237 100
235 62.8 43.9 83.9
272 12.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 112.422 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:330 Resp: 465471
Ion Ratio Lower Upper
330 100
332 95.1 75.7 113.5
141 34.8 30.7 46.1





#43

2,4,6-Trichlorophenol

Concen: 7.485 ng

RT: 9.348 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

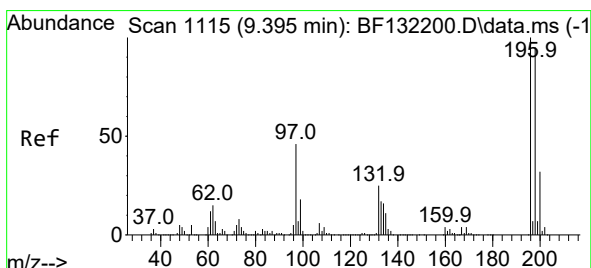
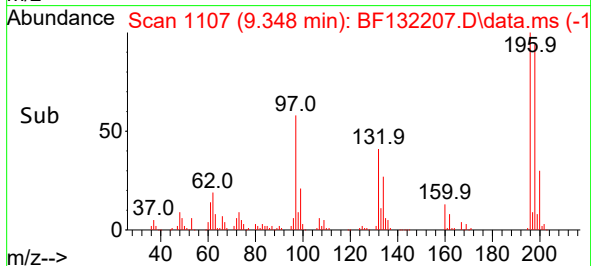
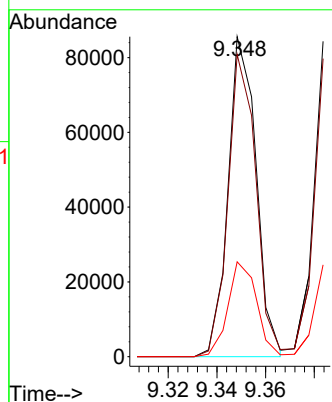
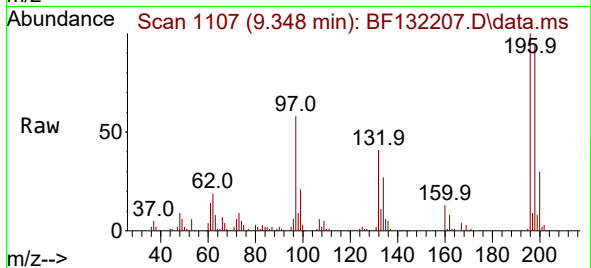
Tgt Ion:196 Resp: 68534

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 29.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 6.978 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.011 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Tgt Ion:196 Resp: 74818

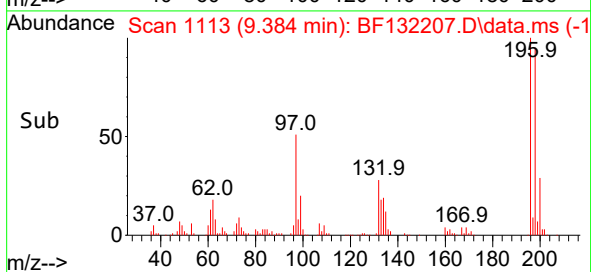
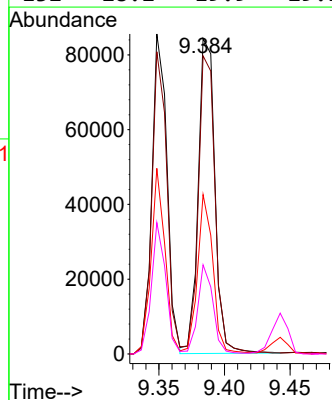
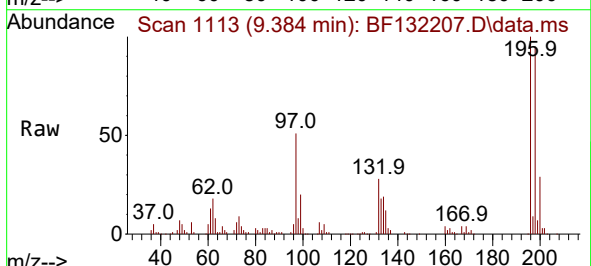
Ion Ratio Lower Upper

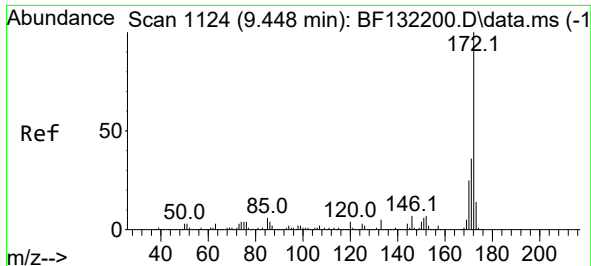
196 100

198 94.5 75.8 113.6

97 50.5 37.1 55.7

132 28.2 19.9 29.9

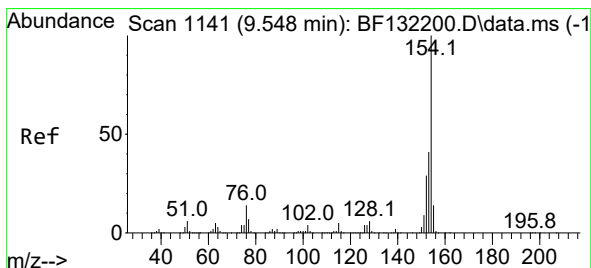
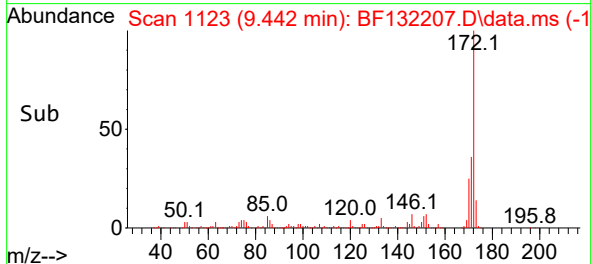
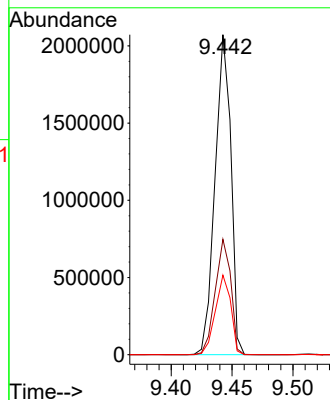
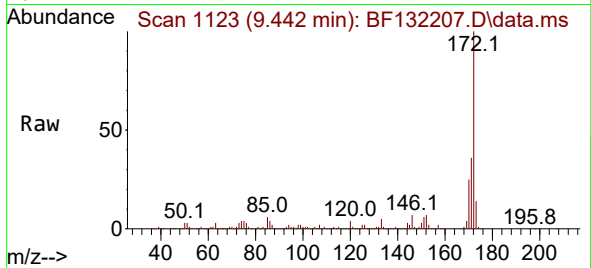




#45
2-Fluorobiphenyl
Concen: 61.858 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

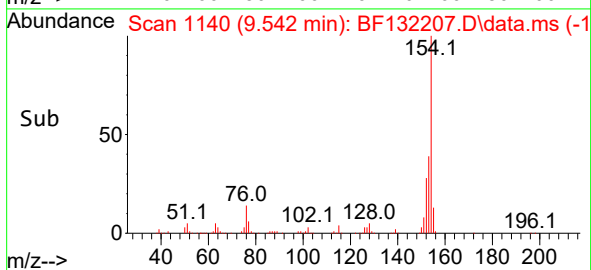
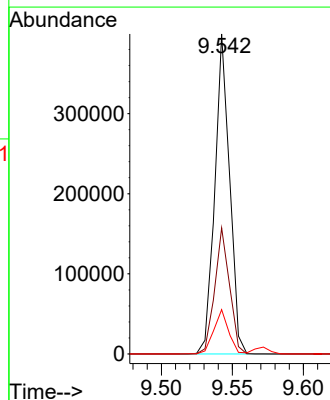
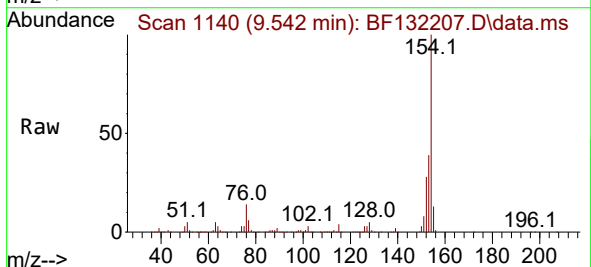
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

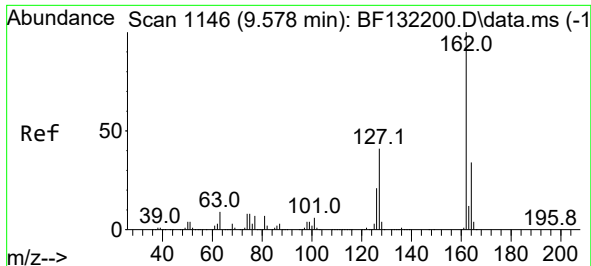
Tgt Ion:172 Resp: 1879705
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.9 20.2 30.4



#46
1,1'-Biphenyl
Concen: 8.358 ng
RT: 9.542 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:154 Resp: 288012
Ion Ratio Lower Upper
154 100
153 39.4 20.6 60.6
76 13.8 0.0 34.2





#47

2-Chloronaphthalene

Concen: 8.151 ng

RT: 9.572 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

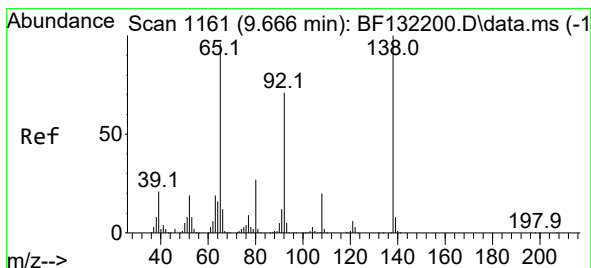
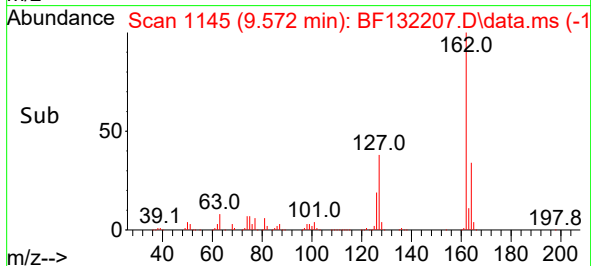
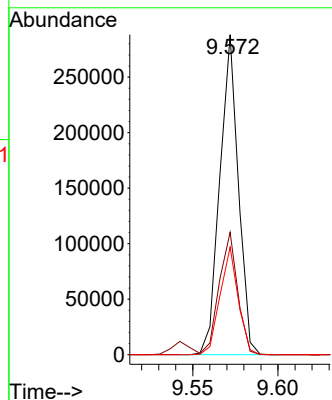
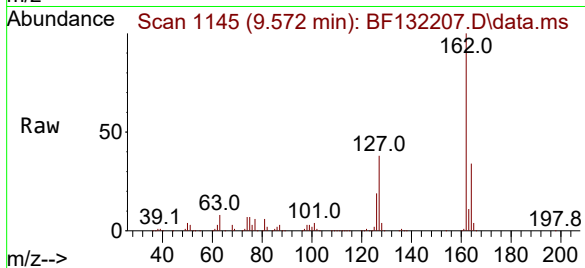
Tgt Ion:162 Resp: 217994

Ion Ratio Lower Upper

162 100

127 38.3 32.7 49.1

164 33.6 27.3 40.9



#48

2-Nitroaniline

Concen: 7.005 ng

RT: 9.660 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

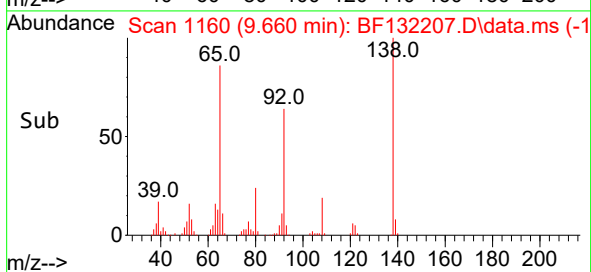
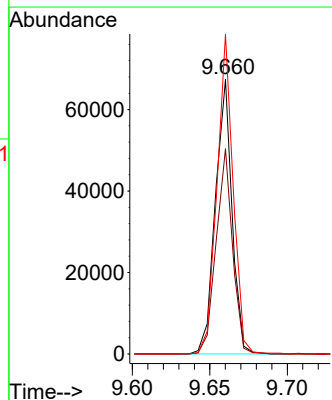
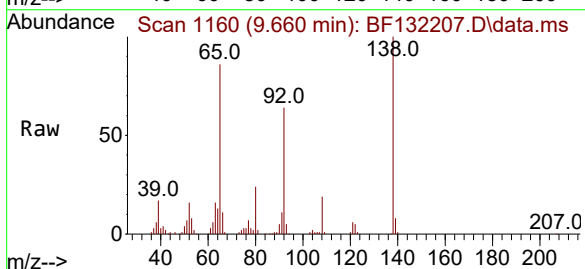
Tgt Ion: 65 Resp: 50311

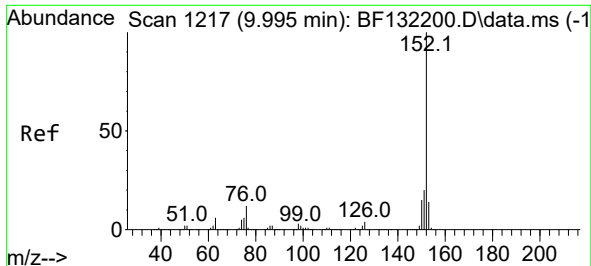
Ion Ratio Lower Upper

65 100

92 74.8 59.2 88.8

138 116.5 83.7 125.5

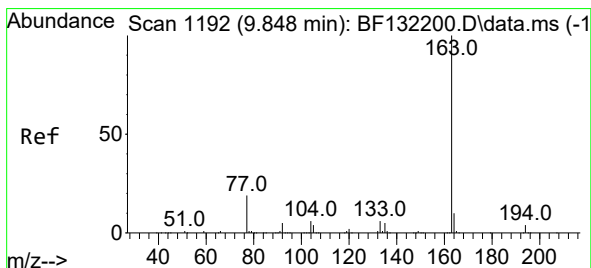
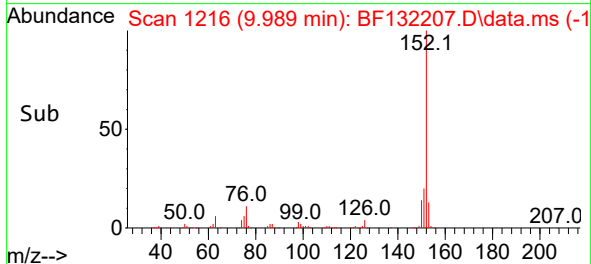
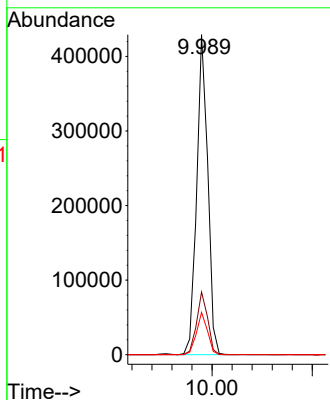
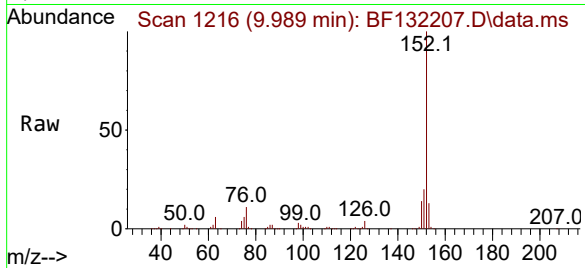




#49
Acenaphthylene
Concen: 7.925 ng
RT: 9.989 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

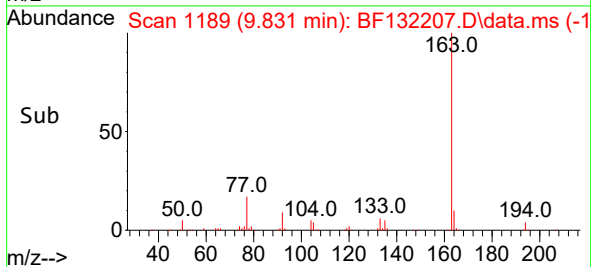
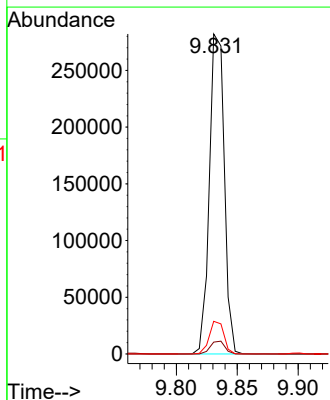
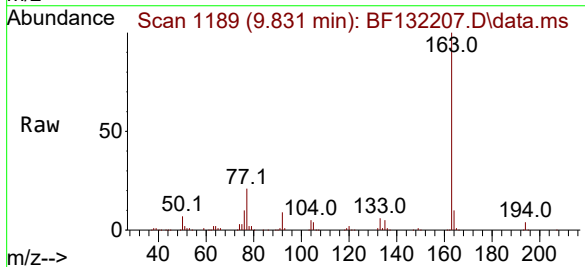
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

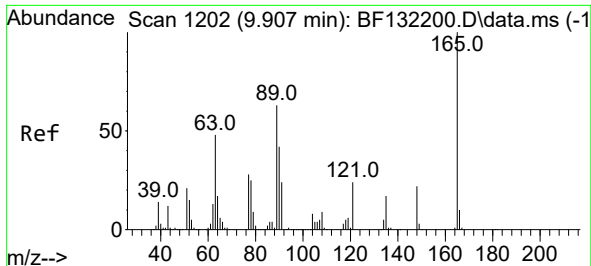
Tgt Ion:152 Resp: 329312
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.2 10.9 16.3



#50
Dimethylphthalate
Concen: 7.919 ng
RT: 9.831 min Scan# 1189
Delta R.T. -0.017 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:163 Resp: 240294
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.2 8.3 12.5

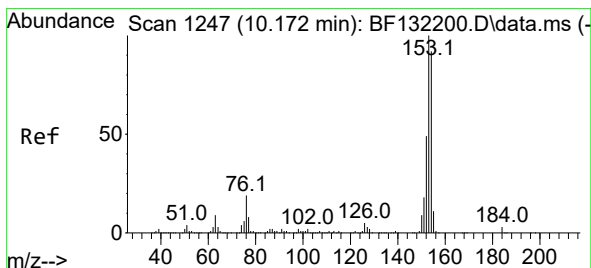
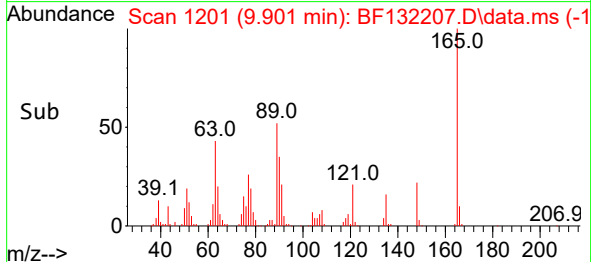
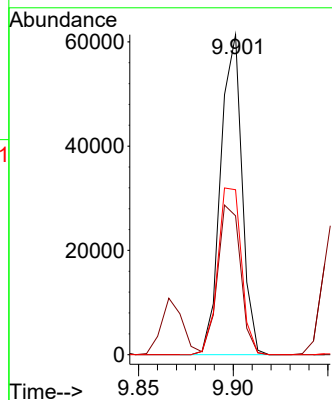
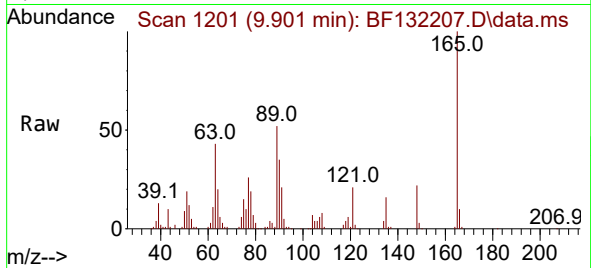




#51
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 9.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

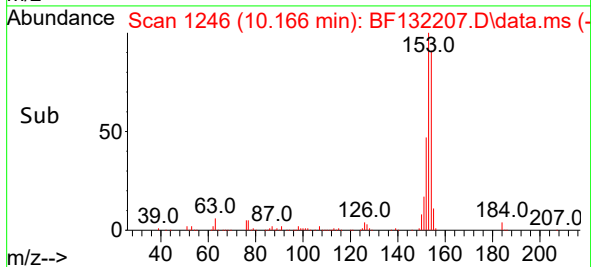
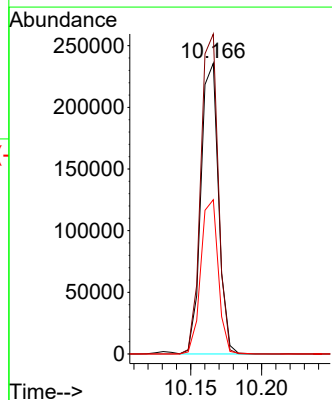
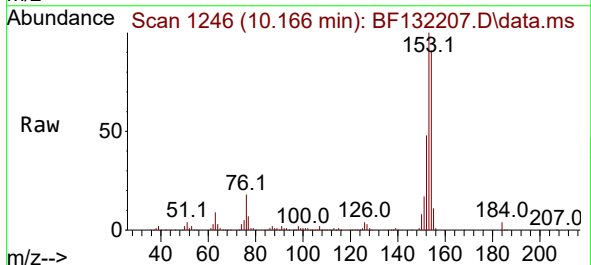
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

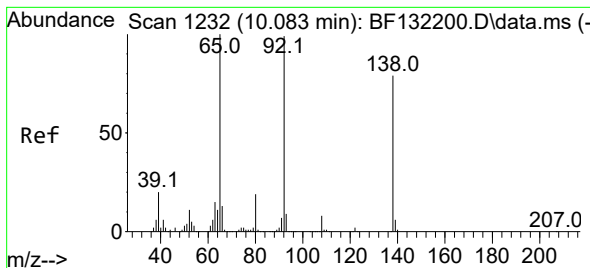
Tgt Ion:165 Resp: 48175
Ion Ratio Lower Upper
165 100
63 43.4 46.1 69.1#
89 51.6 50.3 75.5



#52
Acenaphthene
Concen: 7.989 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:154 Resp: 204108
Ion Ratio Lower Upper
154 100
153 110.0 87.3 130.9
152 53.0 43.2 64.8

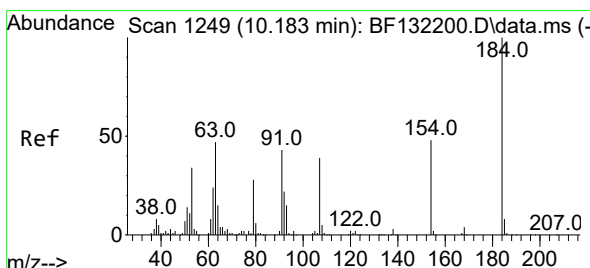
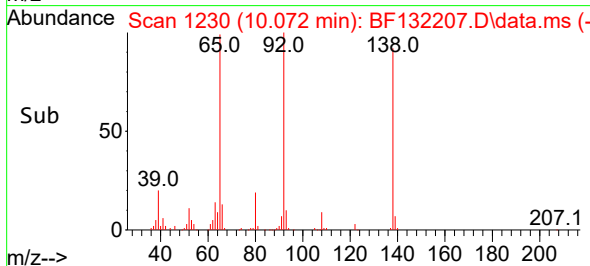
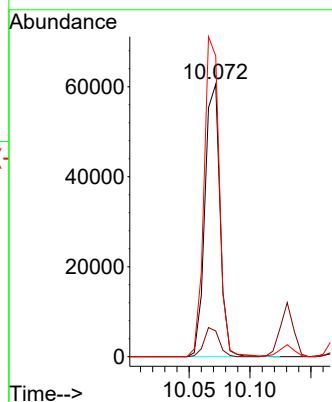
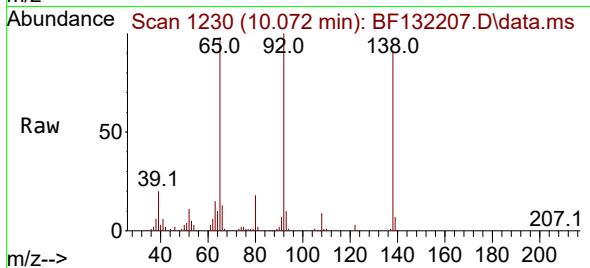




#53
3-Nitroaniline
Concen: 7.281 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

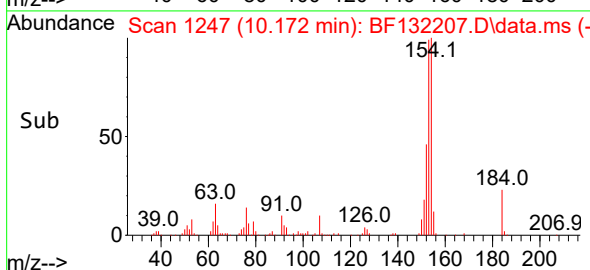
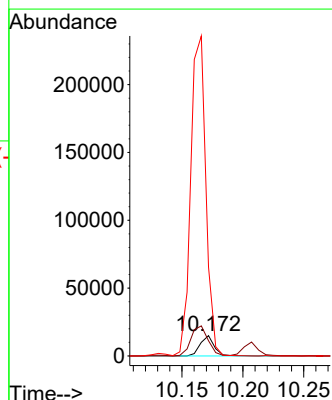
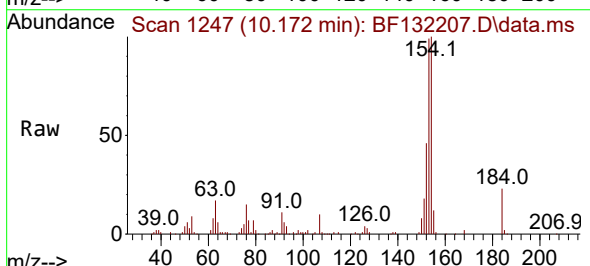
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

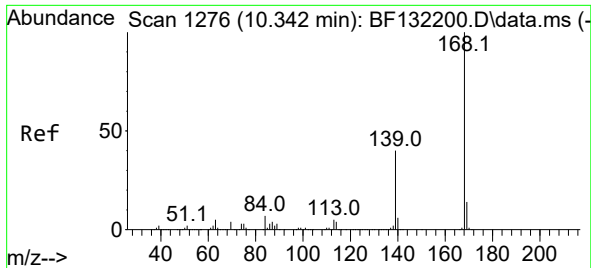
Tgt Ion:138 Resp: 51939
Ion Ratio Lower Upper
138 100
108 9.5 8.1 12.1
92 110.4 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 10.106 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.011 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:184 Resp: 12070
Ion Ratio Lower Upper
184 100
63 75.0 39.8 59.6#
154 436.8 54.2 81.2#

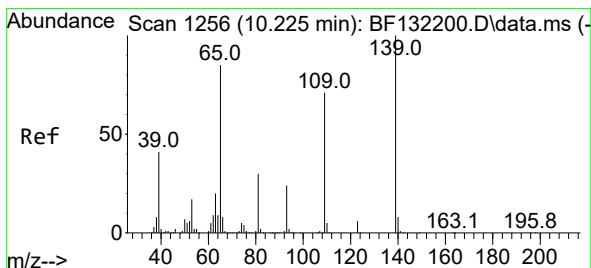
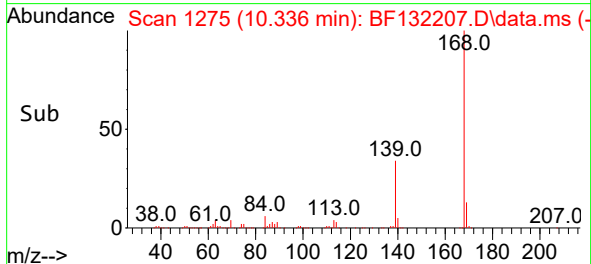
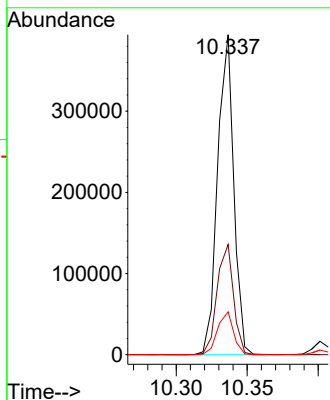
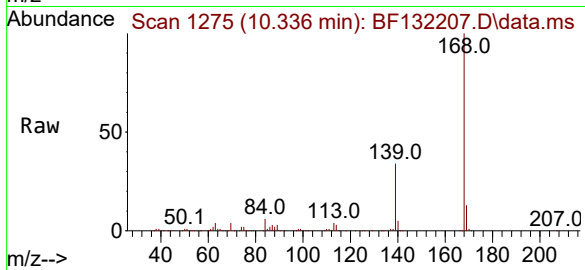




#55
Dibenzofuran
Concen: 8.113 ng
RT: 10.336 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

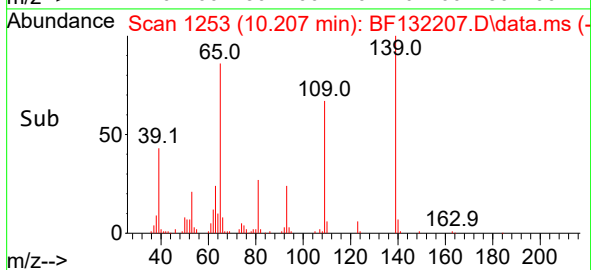
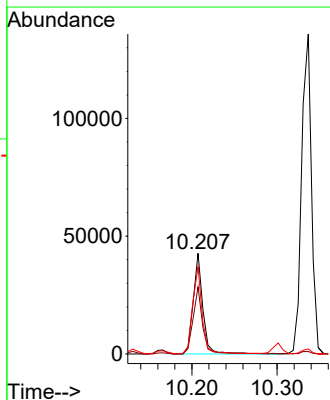
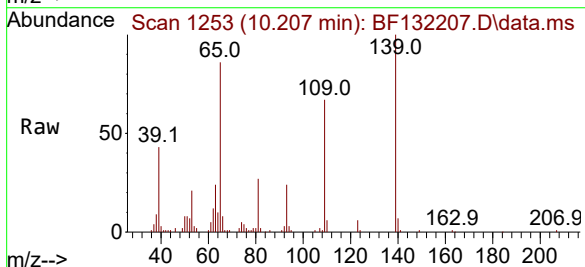
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

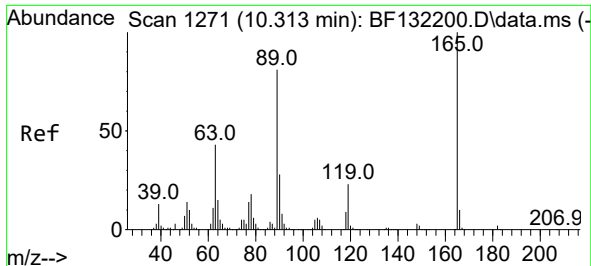
Tgt Ion:168 Resp: 310527
Ion Ratio Lower Upper
168 100
139 34.5 31.7 47.5
169 13.4 11.1 16.7



#56
4-Nitrophenol
Concen: 6.454 ng
RT: 10.207 min Scan# 1253
Delta R.T. -0.018 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:139 Resp: 33266
Ion Ratio Lower Upper
139 100
109 66.6 50.8 90.8
65 86.4 65.5 105.5

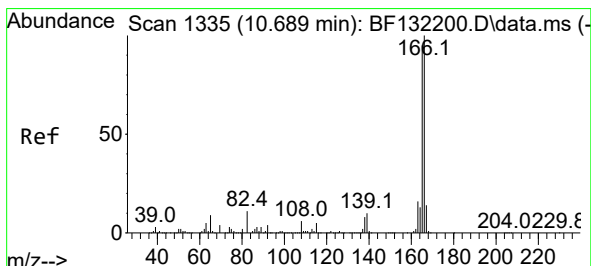
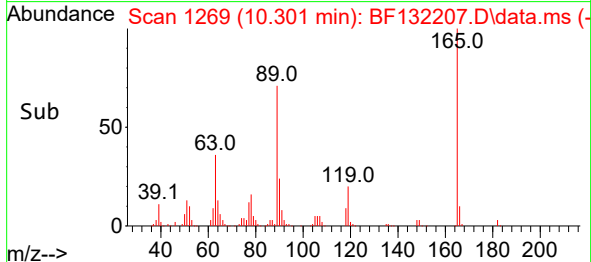
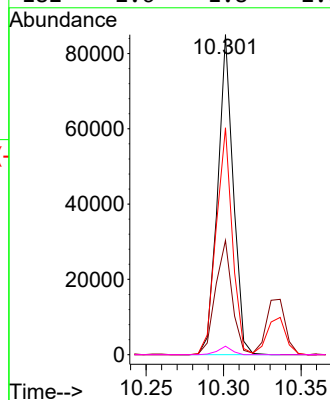
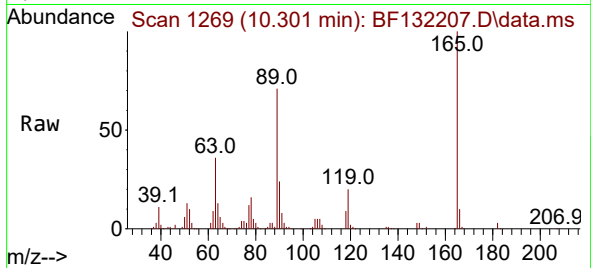




#57
2,4-Dinitrotoluene
Concen: 7.497 ng
RT: 10.301 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

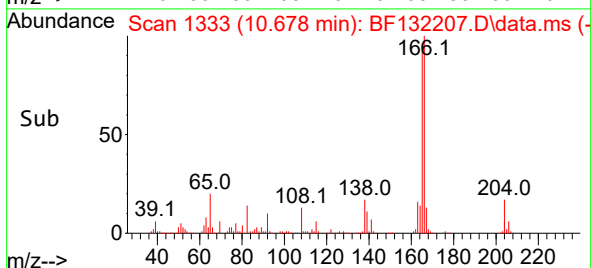
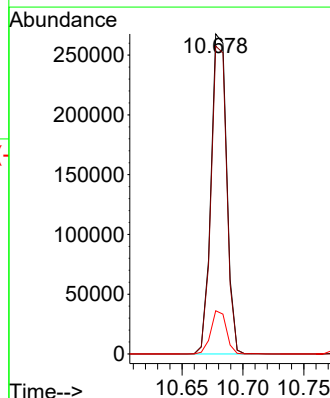
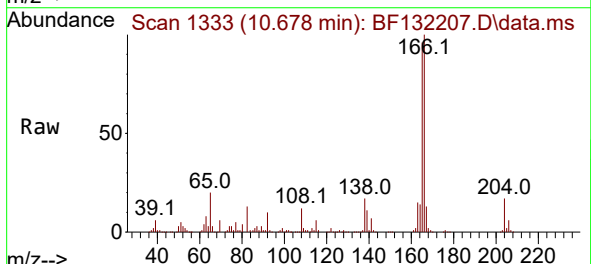
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

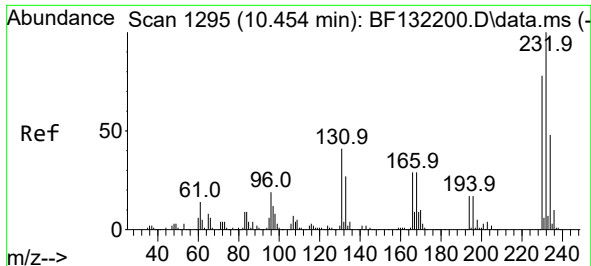
Tgt Ion:165	Resp:	59504
Ion Ratio	Lower	Upper
165	100	
63	35.7	34.2 51.2
89	70.9	65.1 97.7
182	2.6	1.8 2.6



#58
Fluorene
Concen: 8.197 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:166	Resp:	239632
Ion Ratio	Lower	Upper
166	100	
165	96.2	76.3 114.5
167	13.5	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.355 ng

RT: 10.448 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:232 Resp: 56036

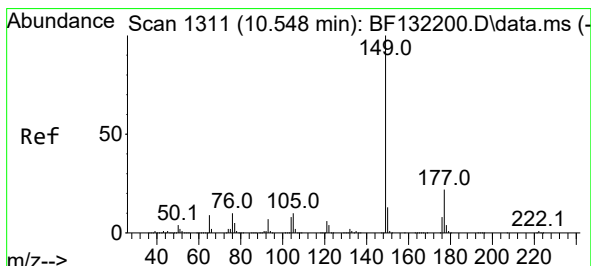
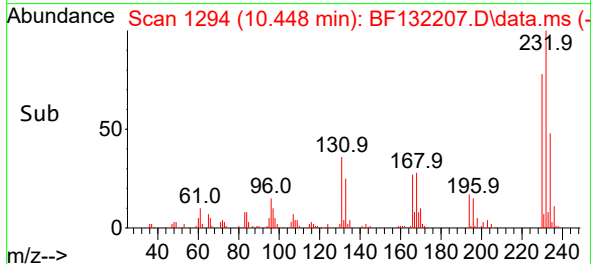
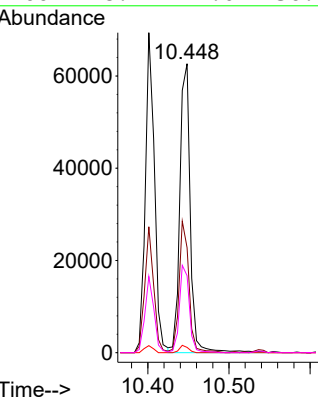
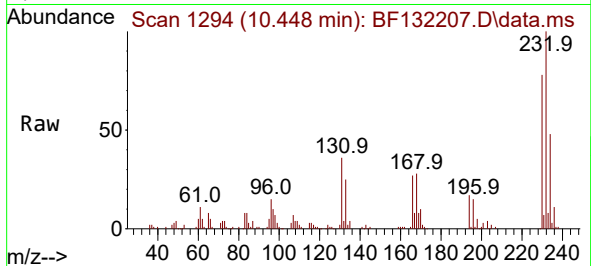
Ion Ratio Lower Upper

232 100

131 42.7 35.1 52.7

130 2.1 1.7 2.5

166 28.7 24.0 36.0



#60

Diethylphthalate

Concen: 7.729 ng

RT: 10.536 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

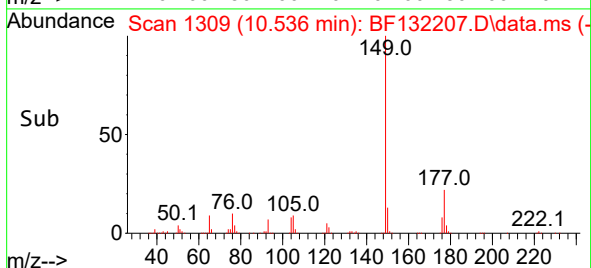
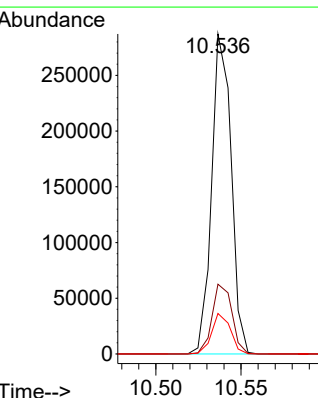
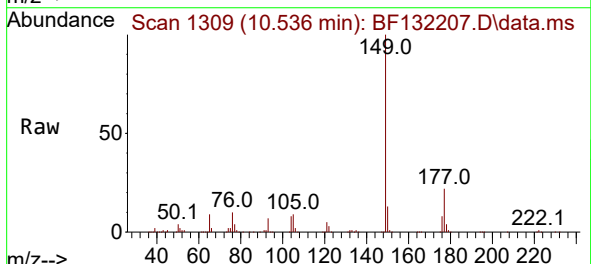
Tgt Ion:149 Resp: 228615

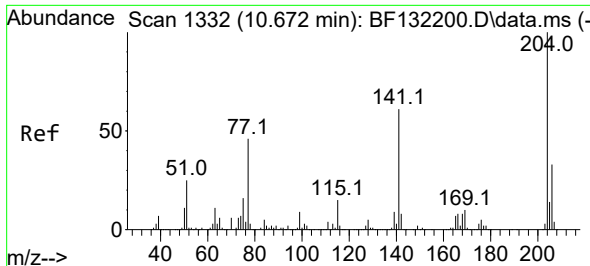
Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

150 12.7 10.2 15.4

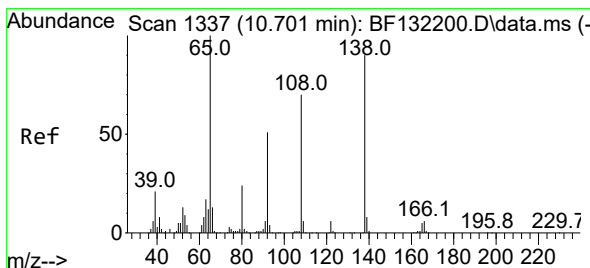
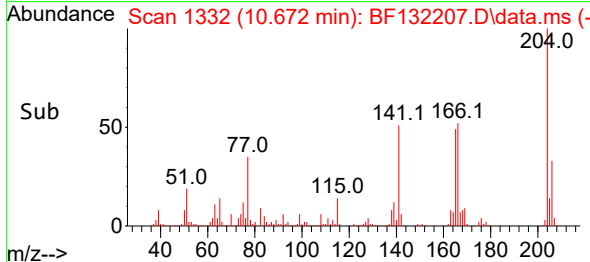
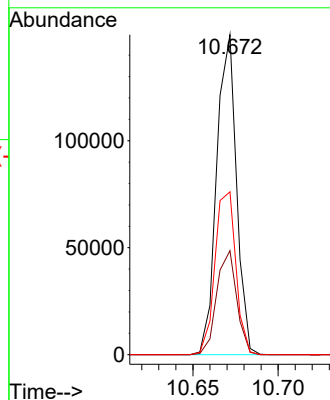
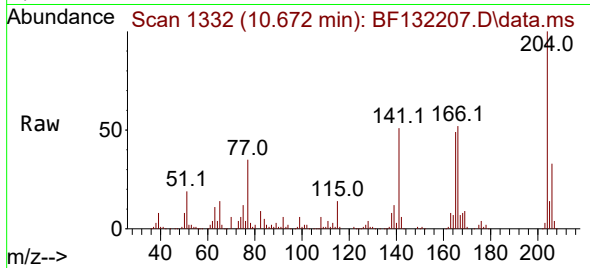




#61
4-Chlorophenyl-phenylether
Concen: 7.840 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

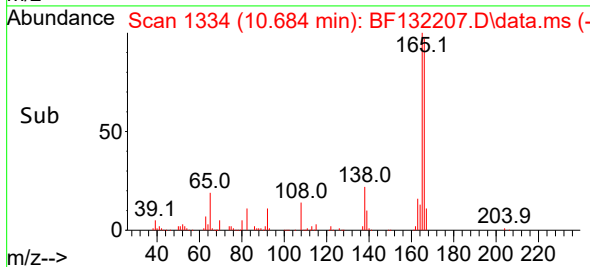
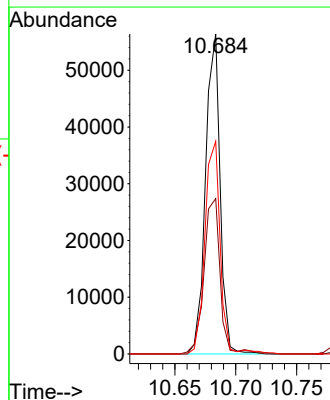
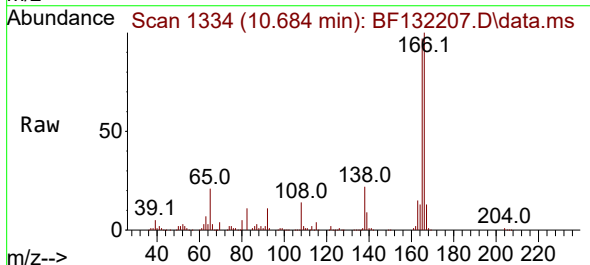
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

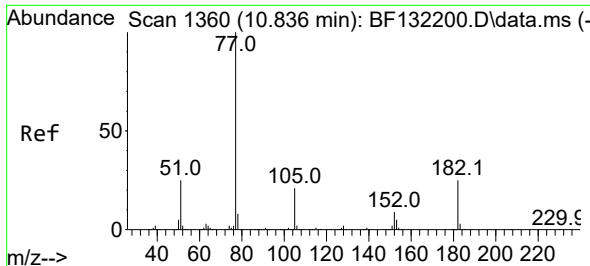
Tgt Ion:204 Resp: 120912
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 50.9 49.2 73.8



#62
4-Nitroaniline
Concen: 7.010 ng
RT: 10.684 min Scan# 1334
Delta R.T. -0.017 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:138 Resp: 46918
Ion Ratio Lower Upper
138 100
92 48.5 36.0 76.0
108 66.4 57.9 97.9

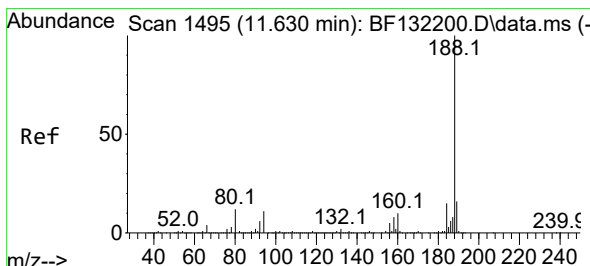
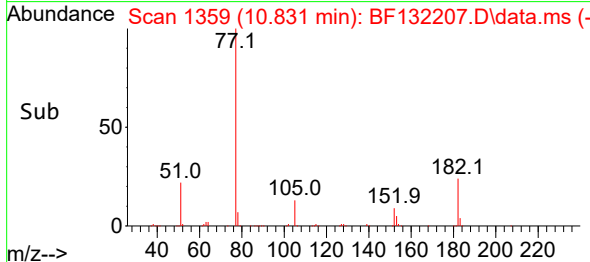
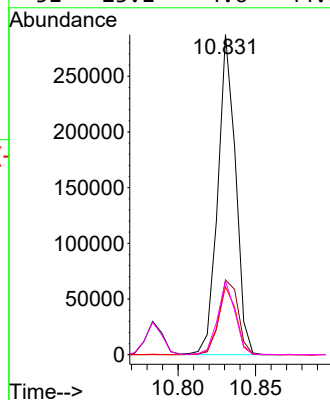
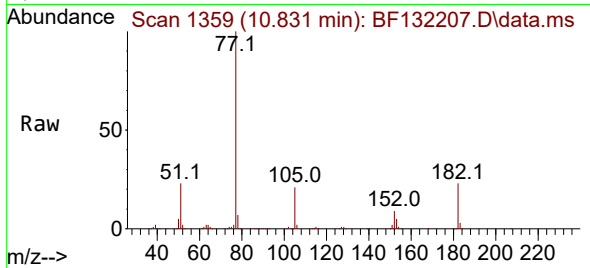




#63
Azobenzene
Concen: 7.325 ng
RT: 10.831 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

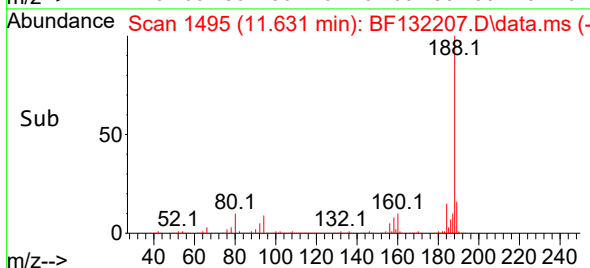
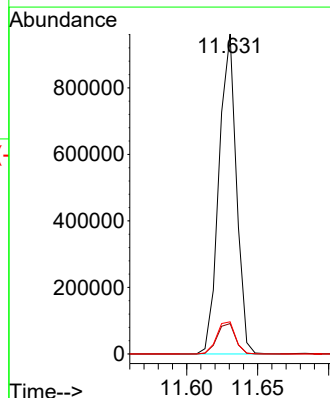
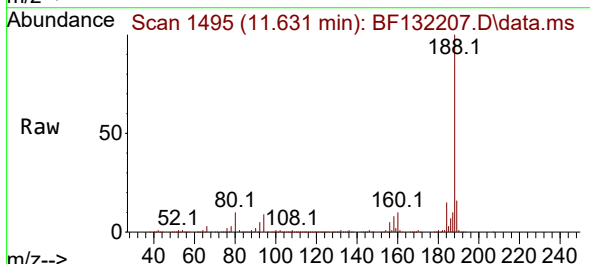
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

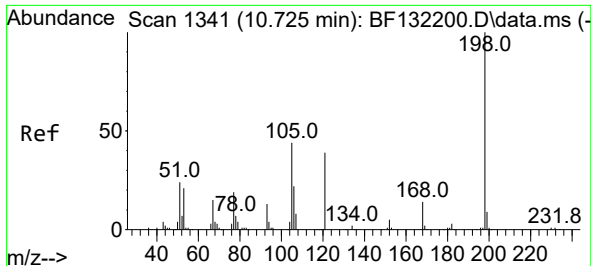
Tgt Ion: 77	Resp: 228673
Ion Ratio	Lower Upper
77 100	
182 23.4	4.7 44.7
105 21.3	1.1 41.1
51 23.1	4.6 44.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.631 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:188	Resp: 817777
Ion Ratio	Lower Upper
188 100	
94 9.5	8.5 12.7
80 10.0	9.2 13.8

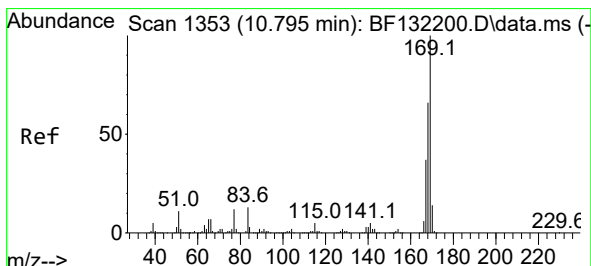
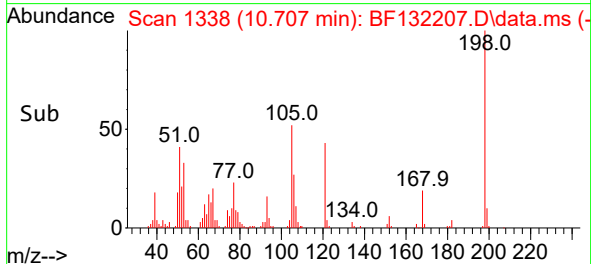
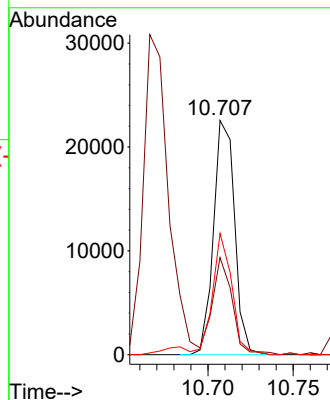
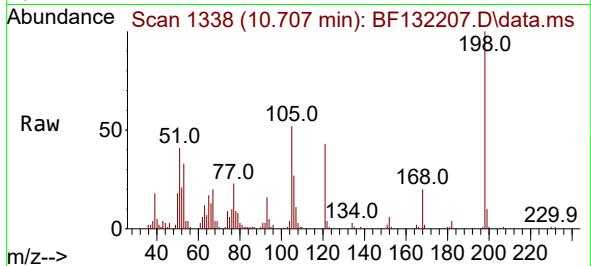




#65
4,6-Dinitro-2-methylphenol
Concen: 9.396 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

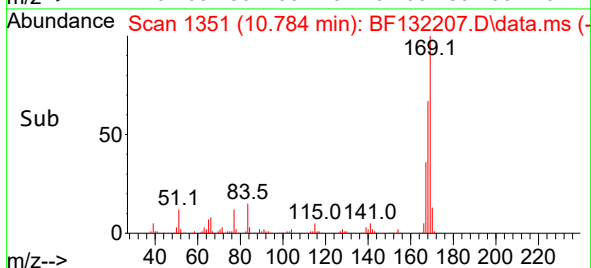
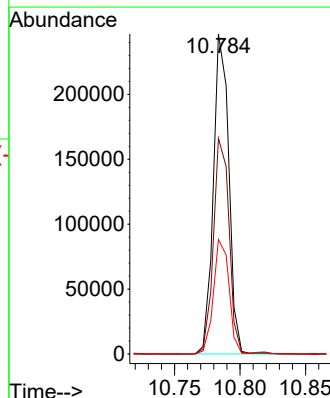
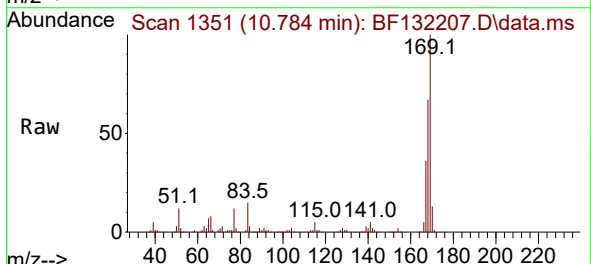
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

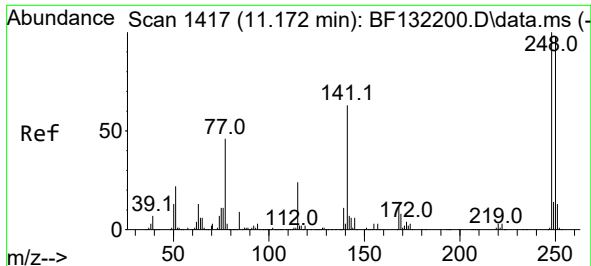
Tgt Ion:198 Resp: 19391
Ion Ratio Lower Upper
198 100
51 41.4 14.9 54.9
105 51.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 7.850 ng
RT: 10.784 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:169 Resp: 201590
Ion Ratio Lower Upper
169 100
168 67.4 53.1 79.7
167 35.8 29.7 44.5

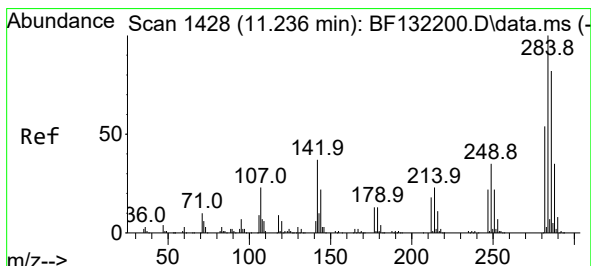
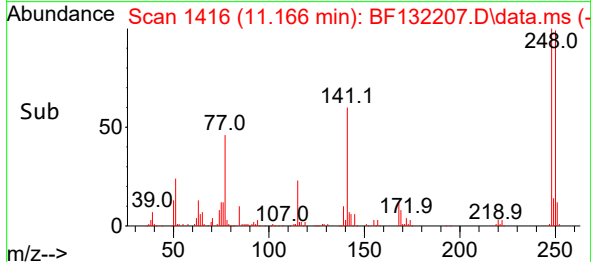
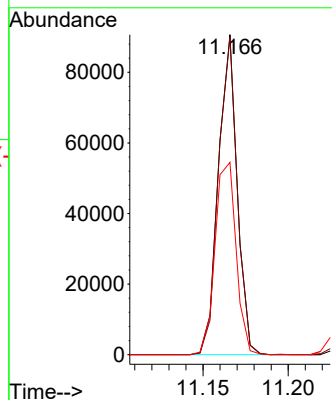
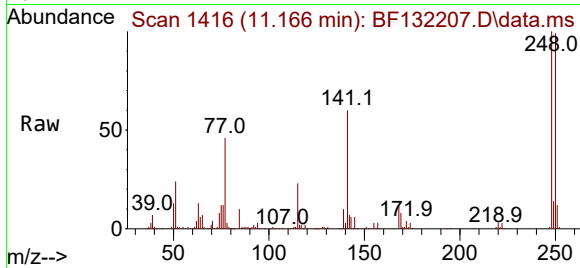




#67
4-Bromophenyl-phenylether
Concen: 7.397 ng
RT: 11.166 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

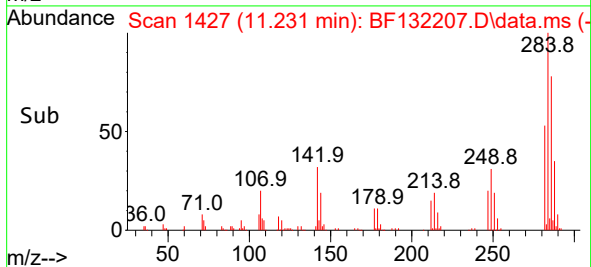
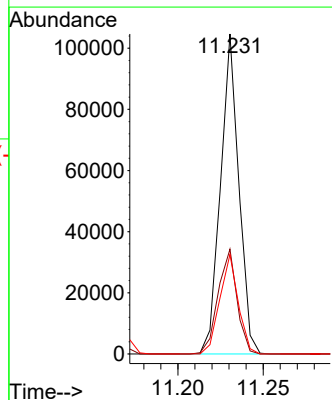
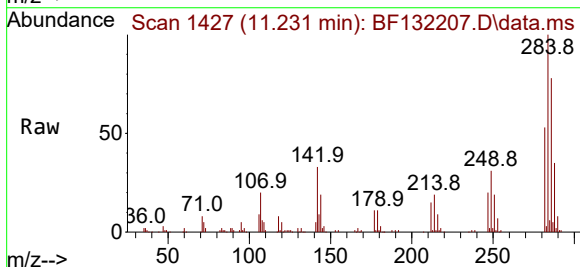
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

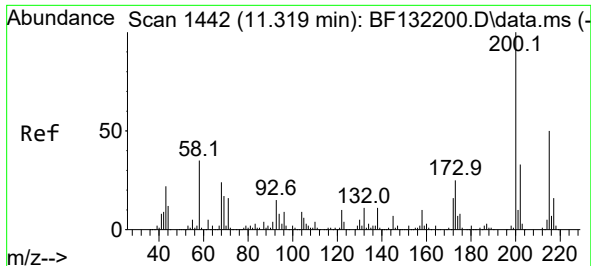
Tgt Ion:248 Resp: 69635
Ion Ratio Lower Upper
248 100
250 99.2 78.5 117.7
141 60.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 8.384 ng
RT: 11.231 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:284 Resp: 78208
Ion Ratio Lower Upper
284 100
142 32.7 29.4 44.2
249 31.1 27.8 41.8

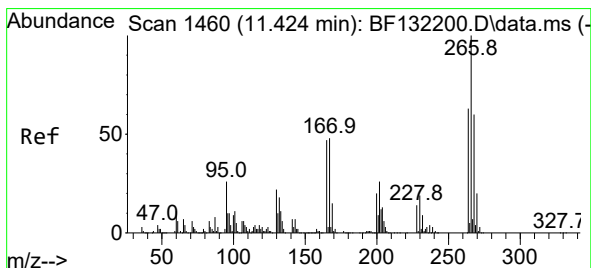
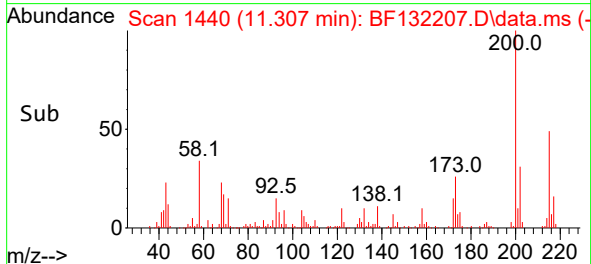
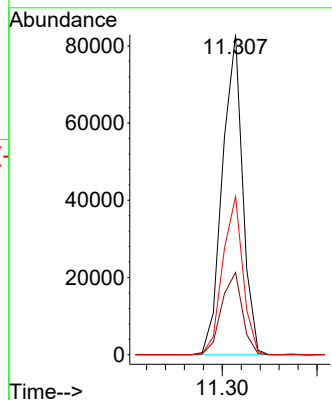
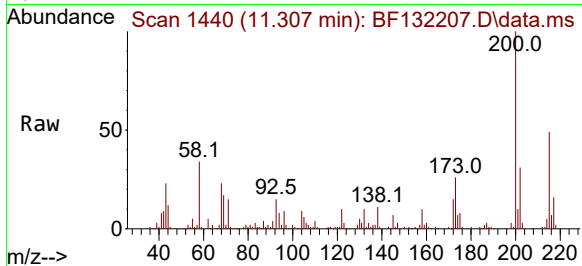




#69
 Atrazine
 Concen: 8.336 ng
 RT: 11.307 min Scan# 1440
 Delta R.T. -0.012 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

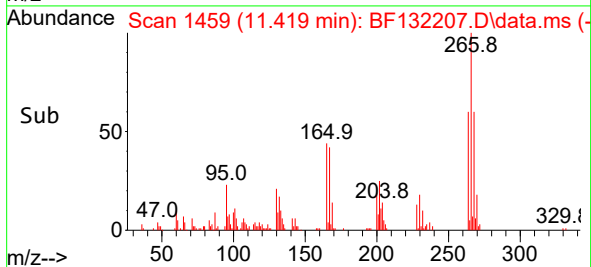
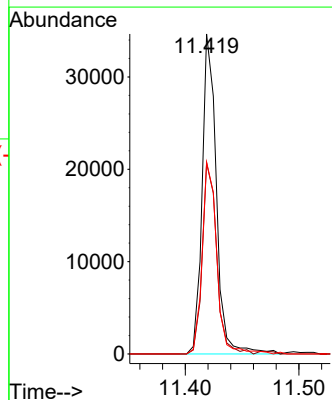
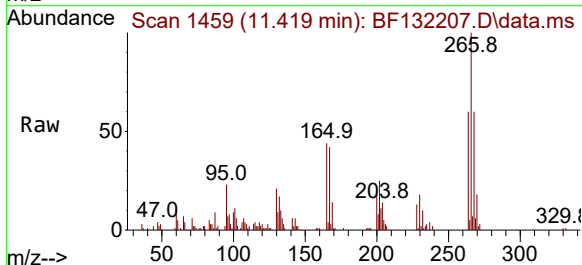
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

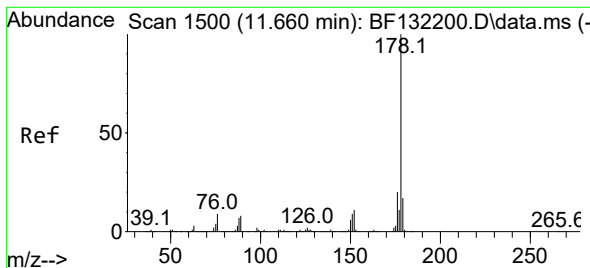
Tgt Ion:200 Resp: 61441
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.2 45.2
 215 49.5 29.8 69.8



#70
 Pentachlorophenol
 Concen: 4.916 ng
 RT: 11.419 min Scan# 1459
 Delta R.T. -0.005 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

Tgt Ion:266 Resp: 30269
 Ion Ratio Lower Upper
 266 100
 268 59.7 48.2 72.4
 264 60.0 50.7 76.1





#71

Phenanthrene

Concen: 8.237 ng

RT: 11.654 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

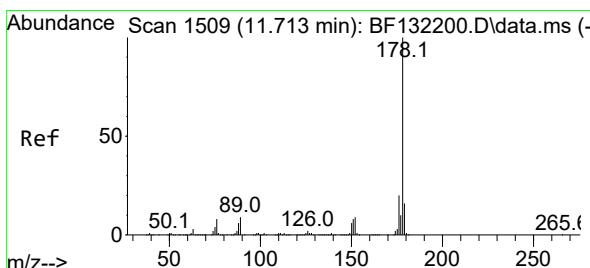
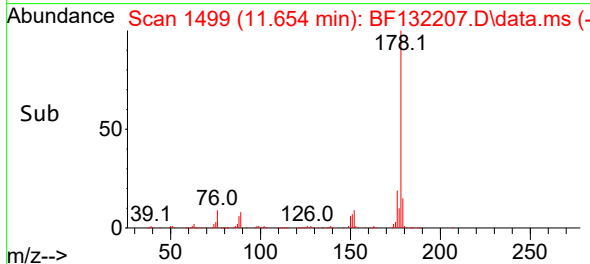
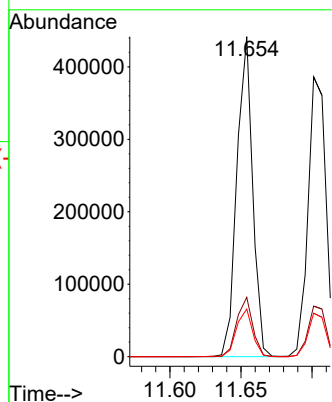
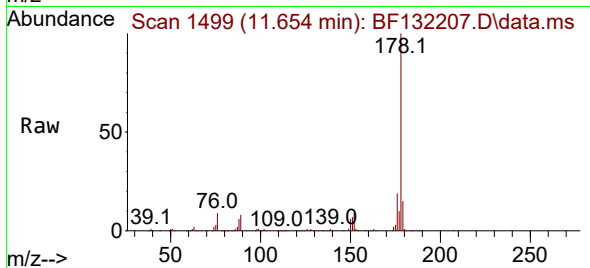
Tgt Ion:178 Resp: 342667

Ion Ratio Lower Upper

178 100

176 18.5 16.4 24.6

179 14.9 13.3 19.9



#72

Anthracene

Concen: 8.052 ng

RT: 11.701 min Scan# 1507

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

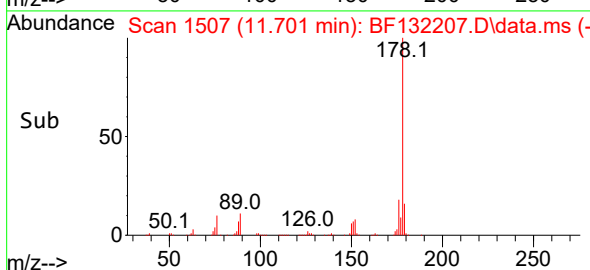
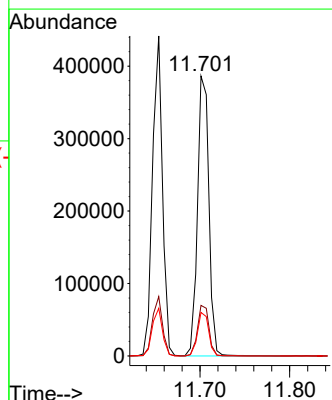
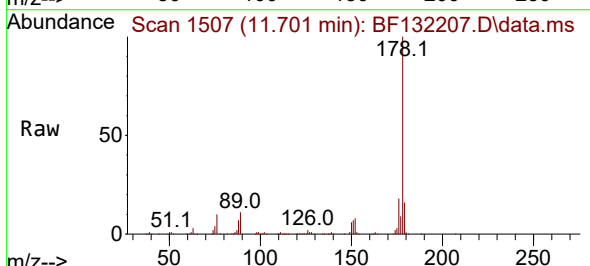
Tgt Ion:178 Resp: 341112

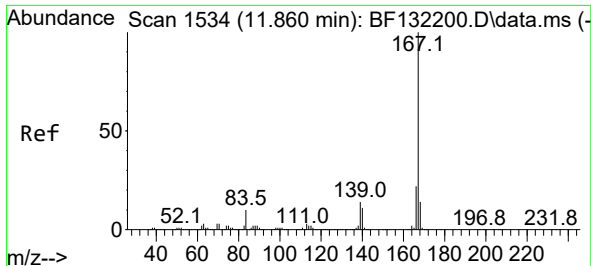
Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

179 15.5 13.0 19.6

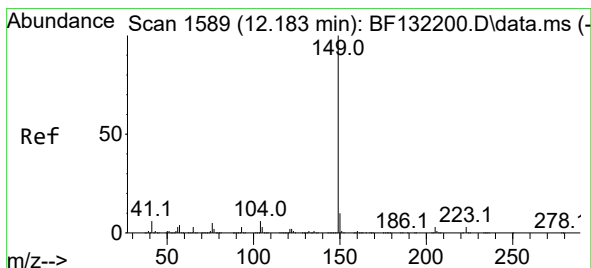
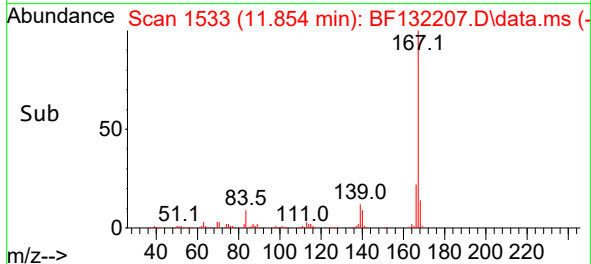
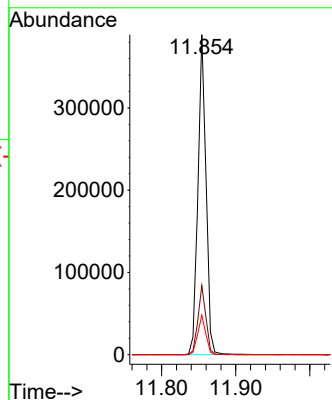
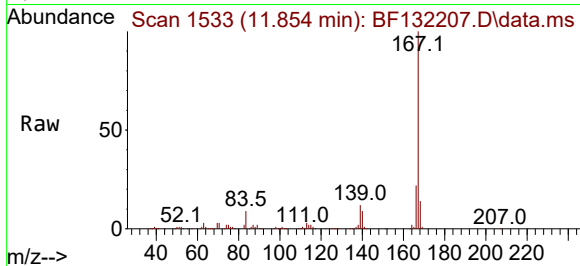




#73
 Carbazole
 Concen: 8.079 ng
 RT: 11.854 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

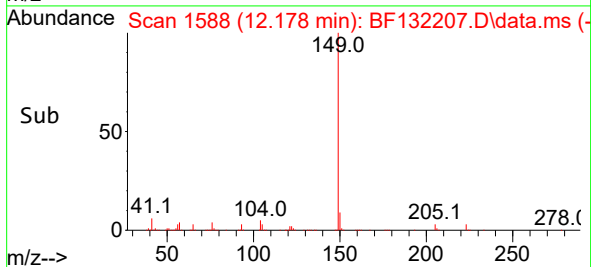
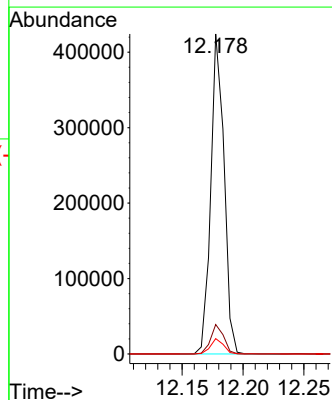
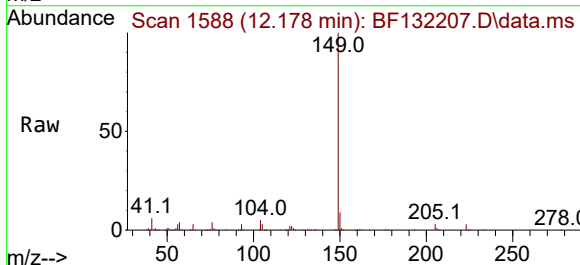
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

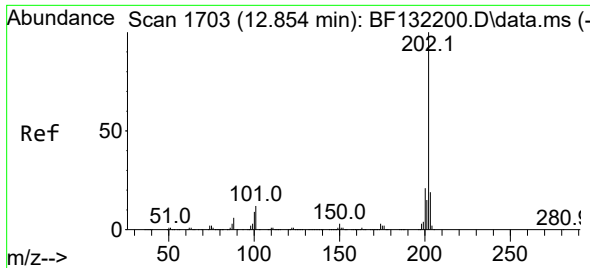
Tgt Ion:167 Resp: 294003
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 7.764 ng
 RT: 12.178 min Scan# 1588
 Delta R.T. -0.005 min
 Lab File: BF132207.D
 Acq: 27 Jan 2023 19:56

Tgt Ion:149 Resp: 321470
 Ion Ratio Lower Upper
 149 100
 150 9.2 8.0 12.0
 104 4.8 4.6 7.0

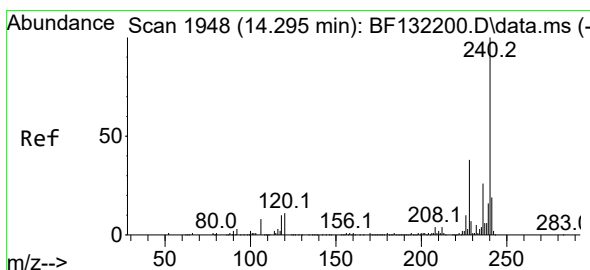
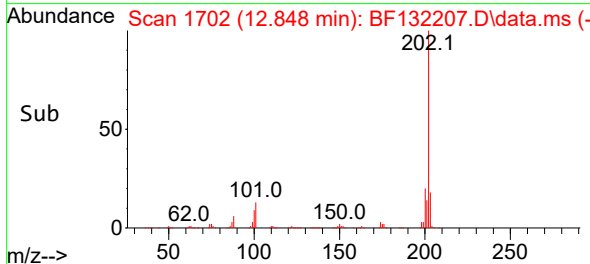
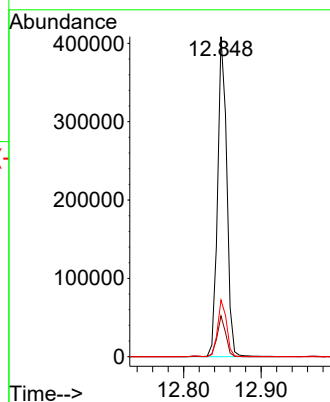
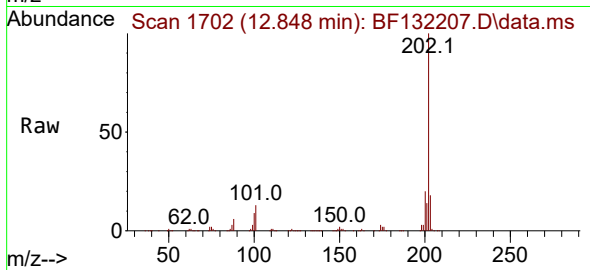




#75
Fluoranthene
Concen: 7.936 ng
RT: 12.848 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

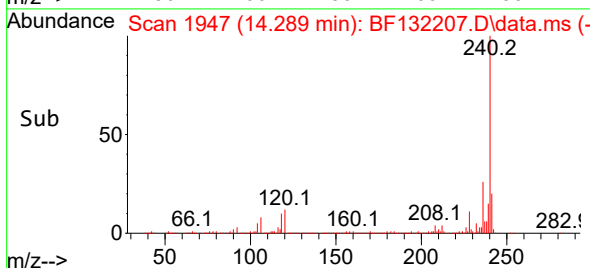
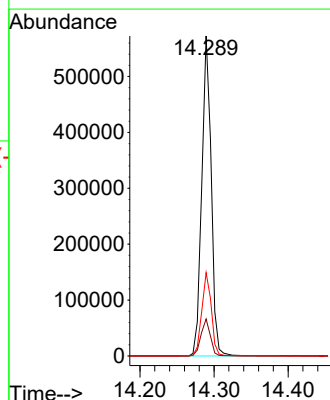
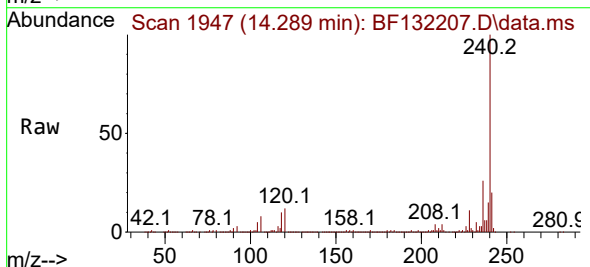
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

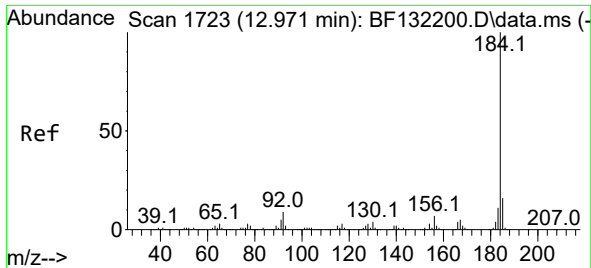
Tgt Ion:202 Resp: 335947
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.5
203 17.7 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:240 Resp: 505630
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.1 20.8 31.2

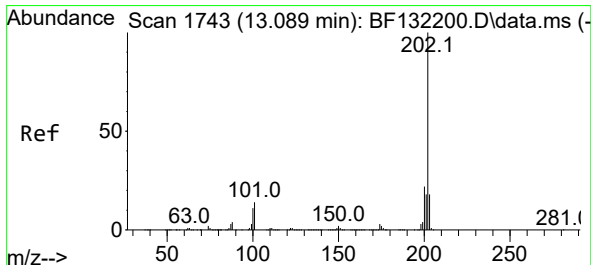
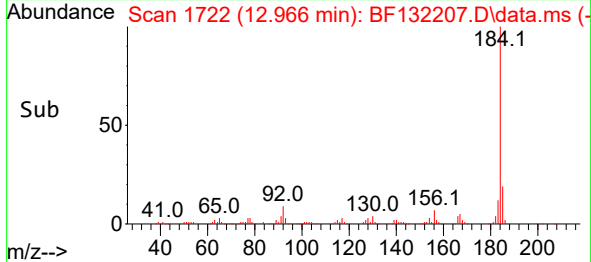
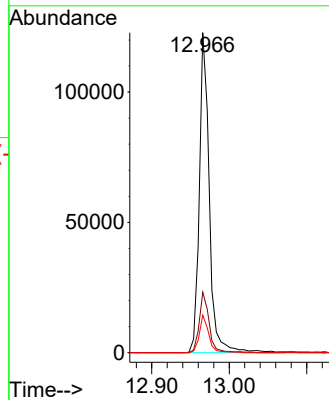
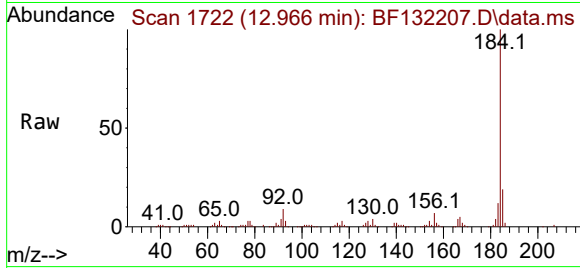




#77
Benzidine
Concen: 8.317 ng
RT: 12.966 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

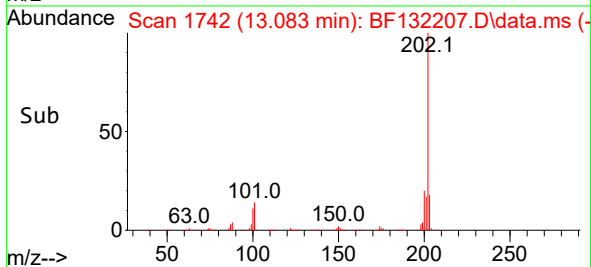
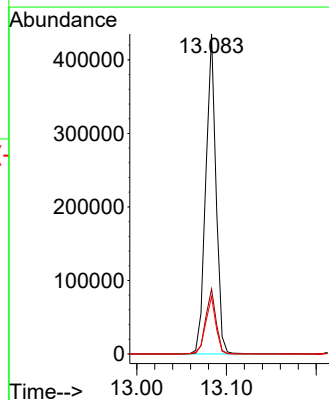
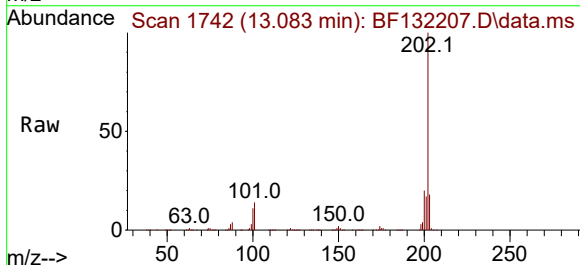
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

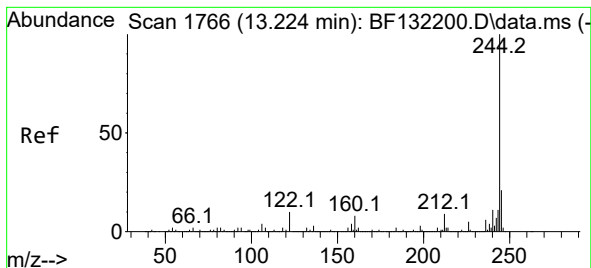
Tgt Ion:184 Resp: 109761
Ion Ratio Lower Upper
184 100
185 18.9 13.2 19.8
183 11.7 8.8 13.2



#78
Pyrene
Concen: 7.260 ng
RT: 13.083 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:202 Resp: 343958
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.9 14.7 22.1





#79

Terphenyl-d14

Concen: 62.797 ng

RT: 13.225 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF132207.D

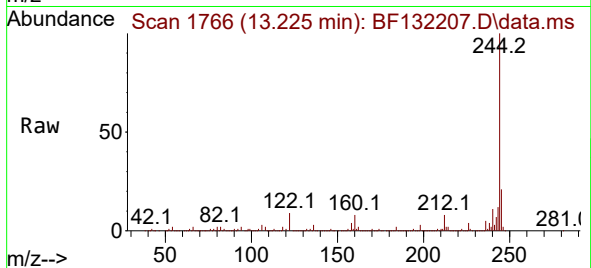
Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



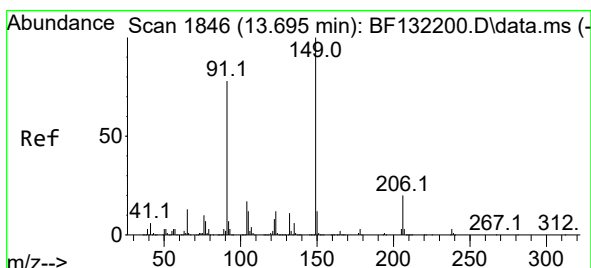
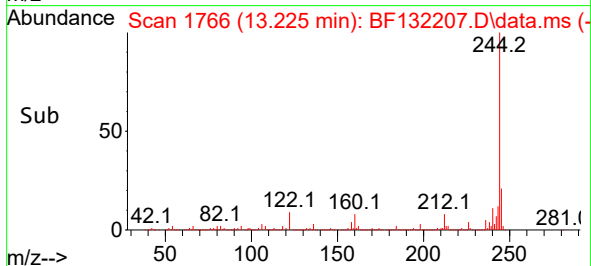
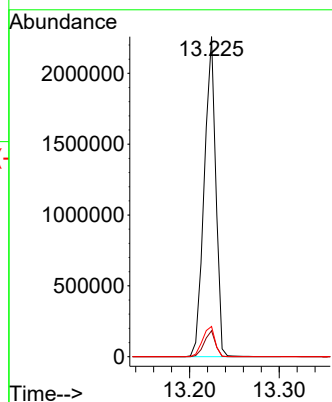
Tgt Ion:244 Resp: 2020971

Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

122 9.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 7.667 ng

RT: 13.695 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

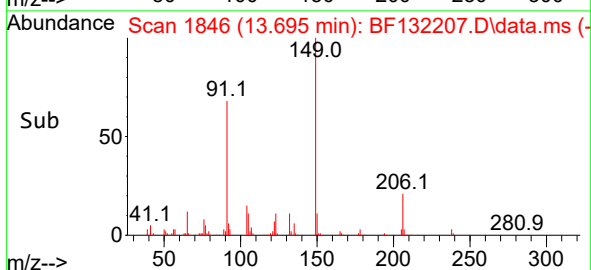
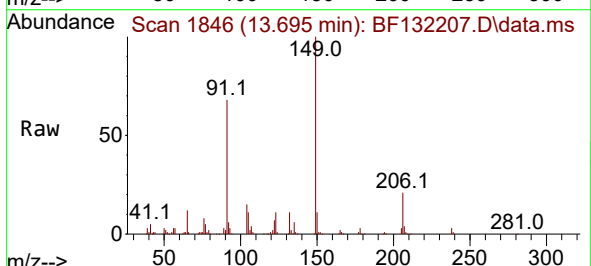
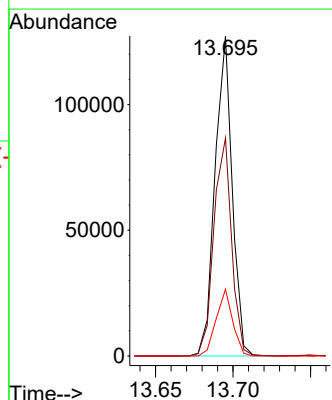
Tgt Ion:149 Resp: 97932

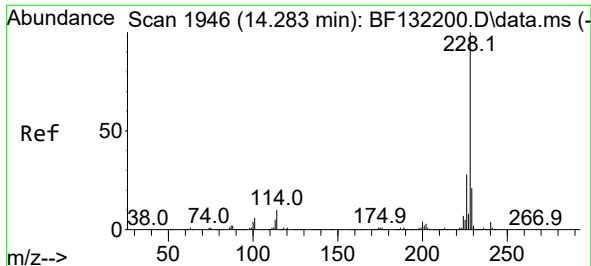
Ion Ratio Lower Upper

149 100

91 68.1 62.1 93.1

206 20.9 15.8 23.8

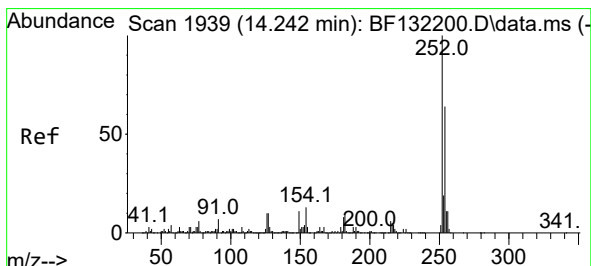
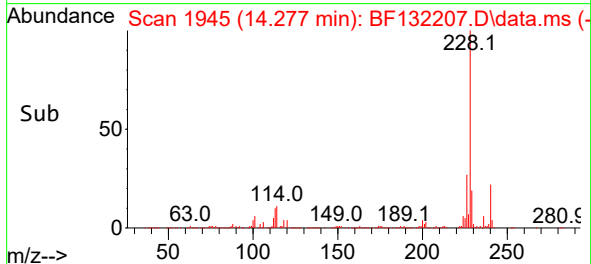
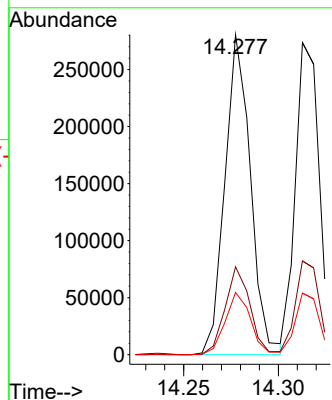
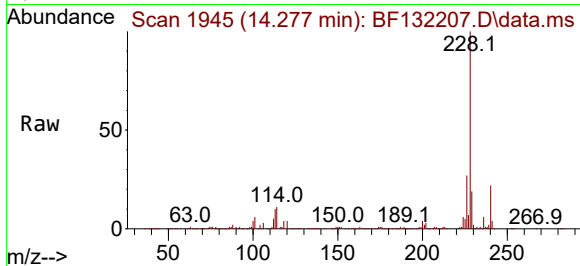




#81
Benzo(a)anthracene
Concen: 7.411 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

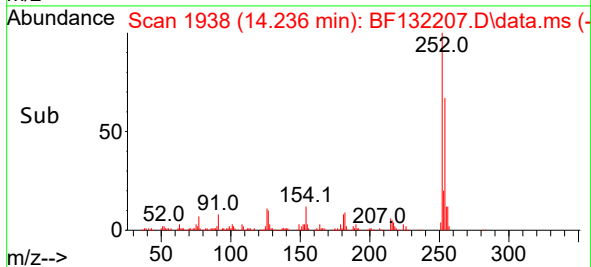
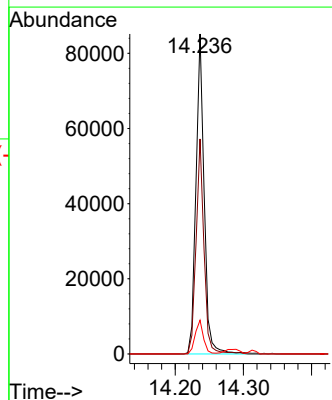
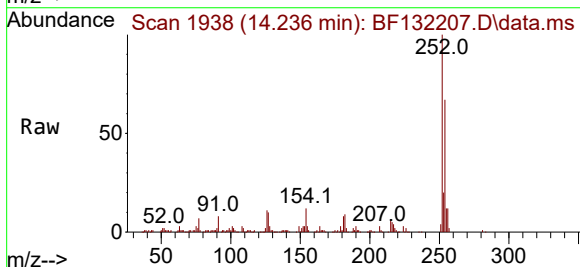
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

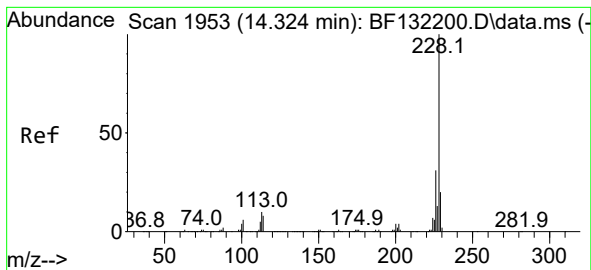
Tgt Ion:228 Resp: 263480
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.4 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 7.378 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:252 Resp: 71082
Ion Ratio Lower Upper
252 100
254 67.2 51.5 77.3
126 10.5 8.0 12.0





#83

Chrysene

Concen: 7.395 ng

RT: 14.313 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

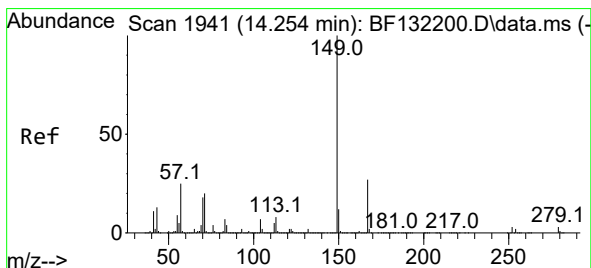
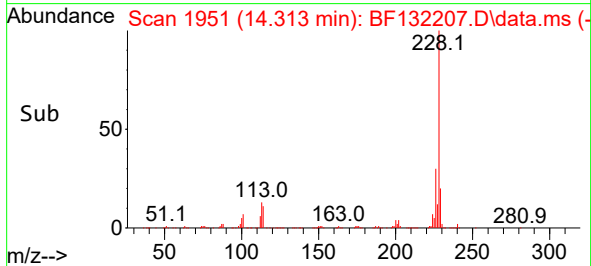
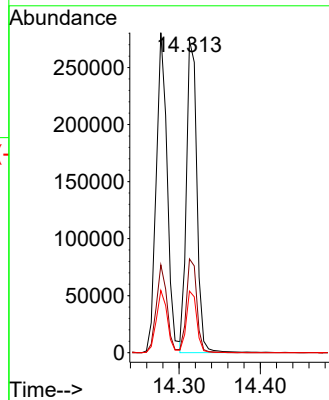
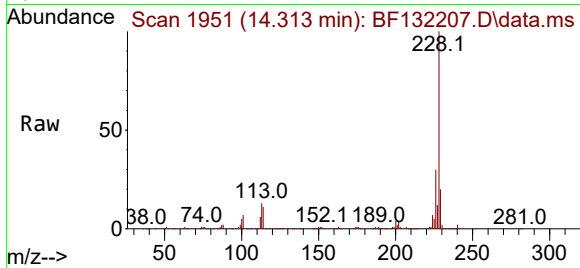
Tgt Ion:228 Resp: 244992

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 19.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.154 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

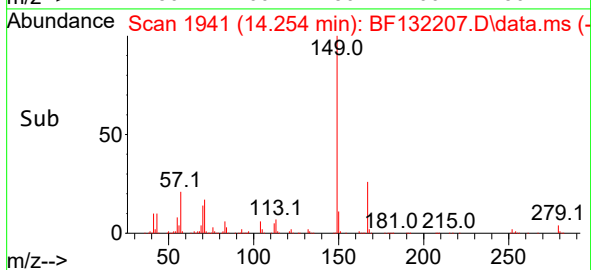
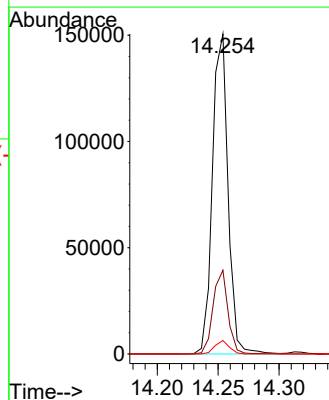
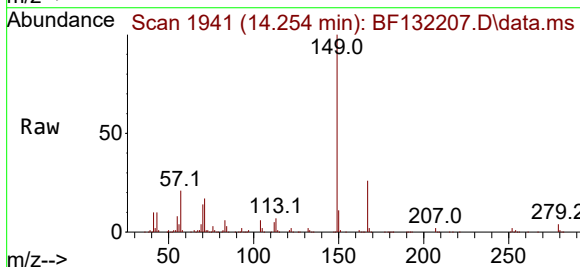
Tgt Ion:149 Resp: 134516

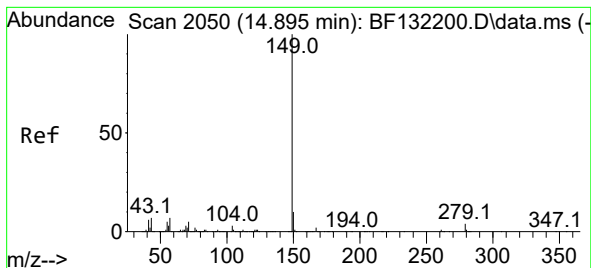
Ion Ratio Lower Upper

149 100

167 26.1 21.7 32.5

279 4.2 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 9.472 ng

RT: 14.889 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

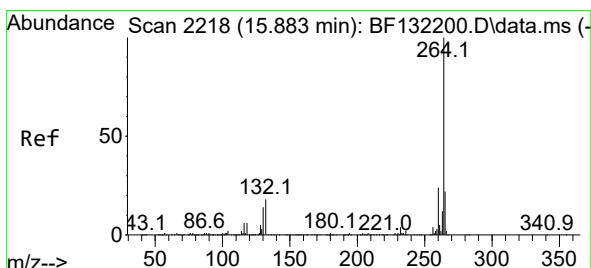
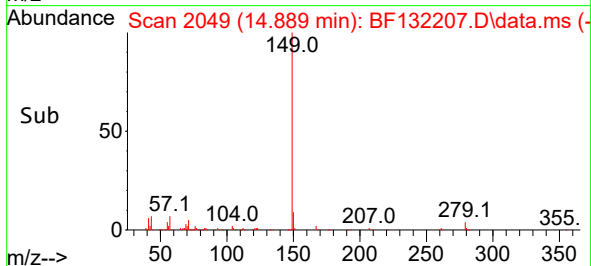
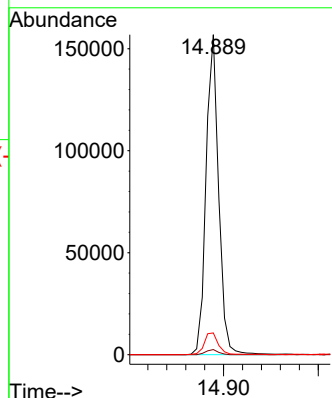
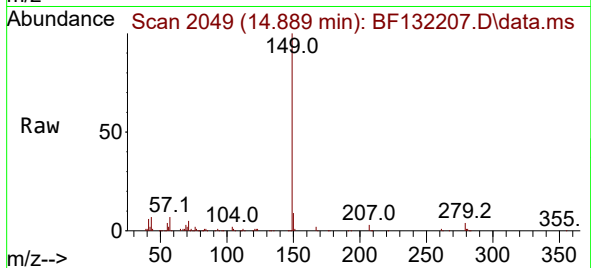
Tgt Ion:149 Resp: 144527

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.883 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

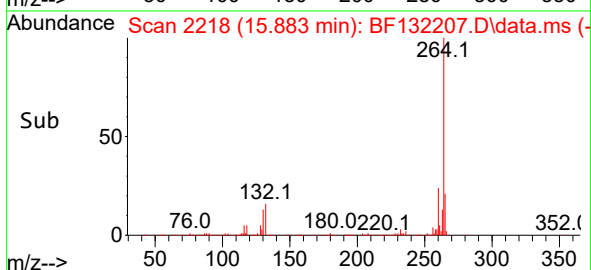
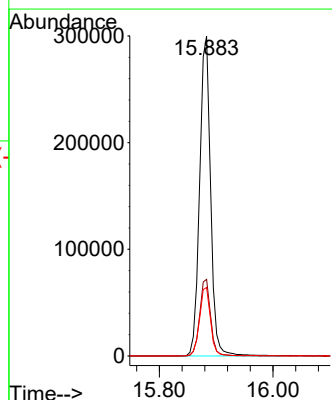
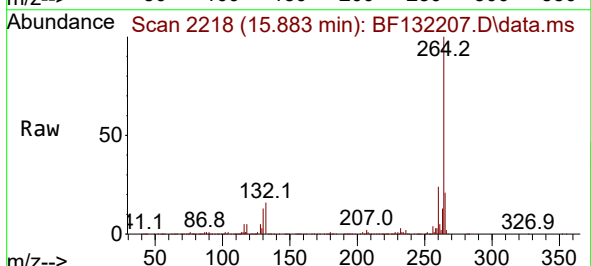
Tgt Ion:264 Resp: 403454

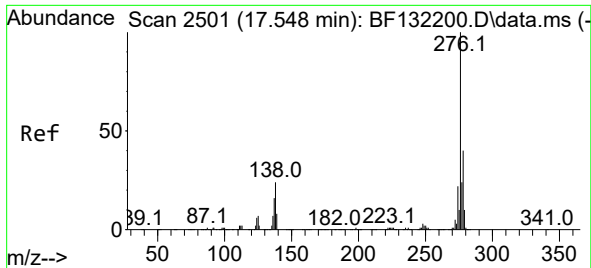
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.4 26.2

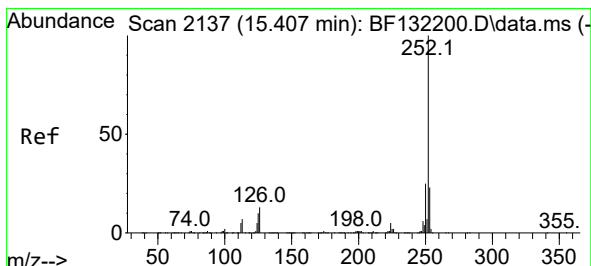
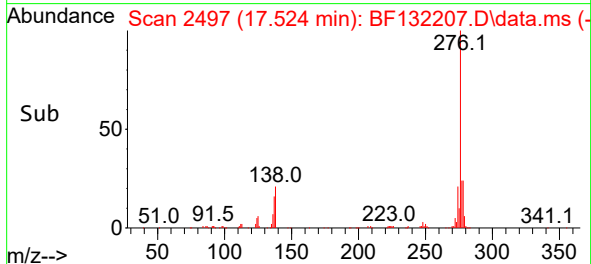
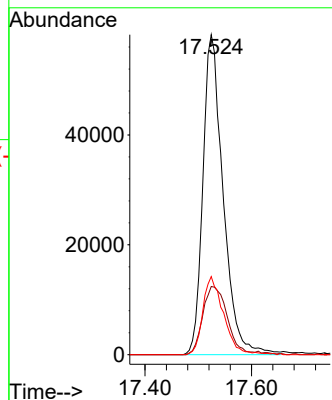
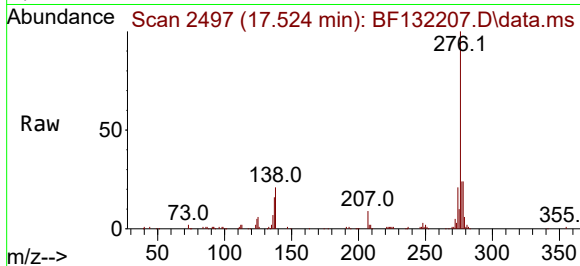




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.768 ng
RT: 17.524 min Scan# 2497
Delta R.T. -0.023 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

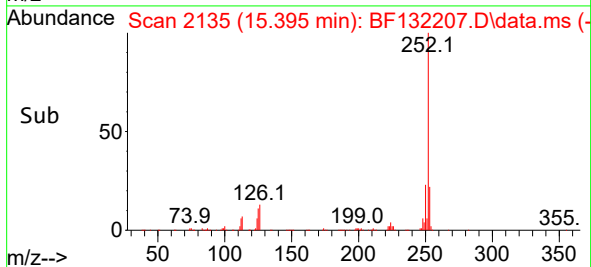
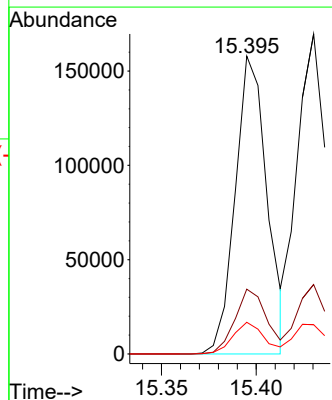
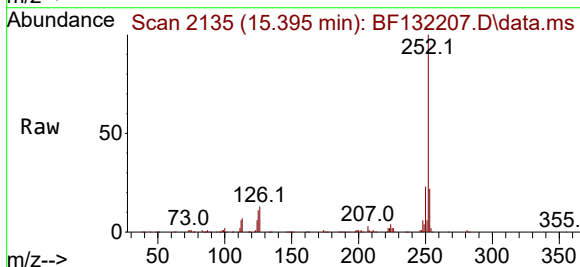
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

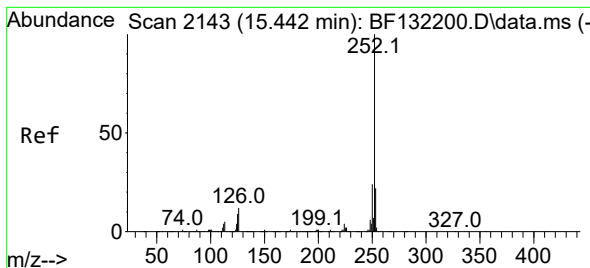
Tgt Ion:276 Resp: 153869
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.6
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 7.455 ng
RT: 15.395 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:252 Resp: 184720
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 7.715 ng

RT: 15.430 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

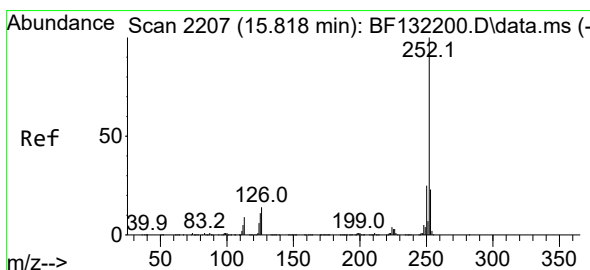
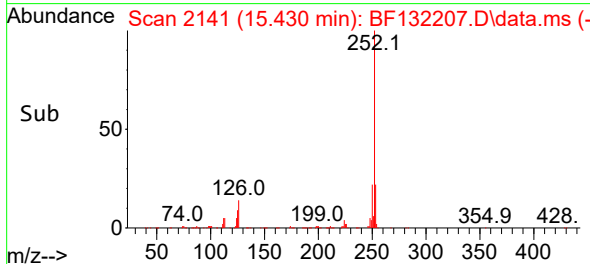
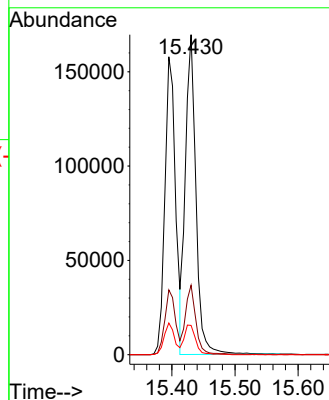
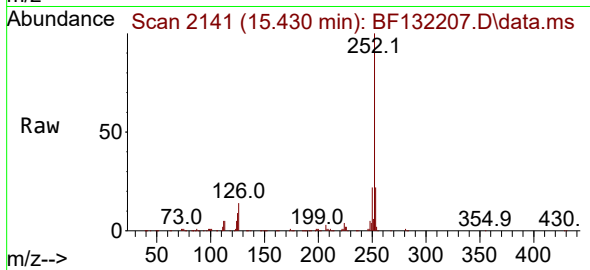
Tgt Ion:252 Resp: 197260

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.2 7.7 11.5



#90

Benzo(a)pyrene

Concen: 6.462 ng

RT: 15.807 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BF132207.D

Acq: 27 Jan 2023 19:56

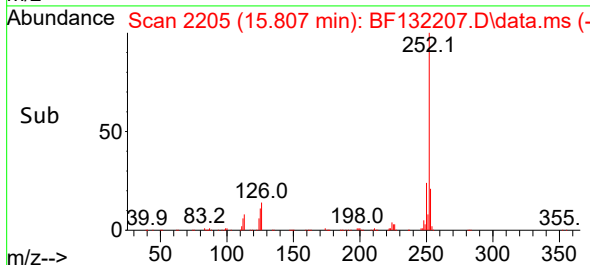
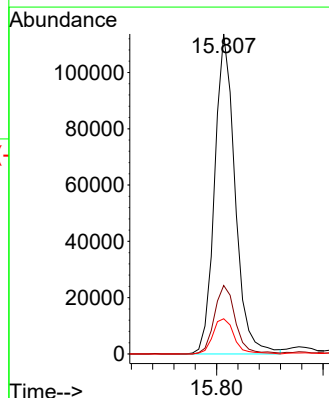
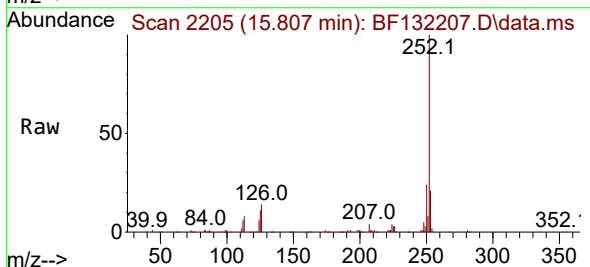
Tgt Ion:252 Resp: 151112

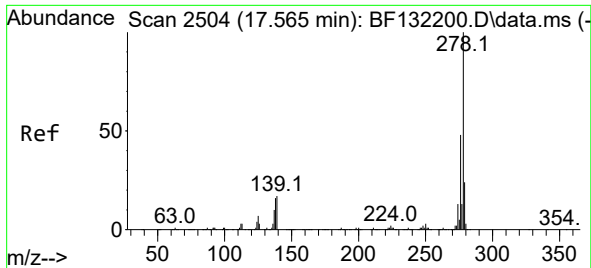
Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

125 11.0 9.0 13.6

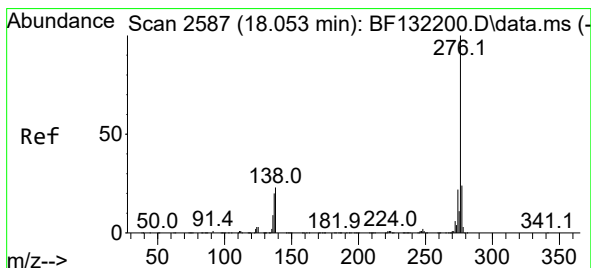
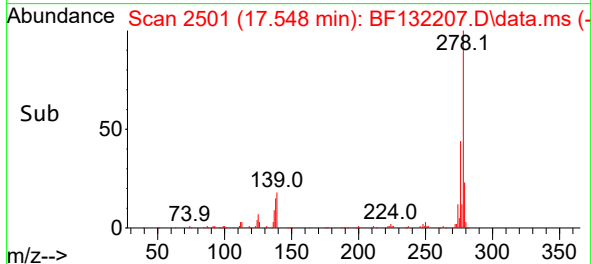
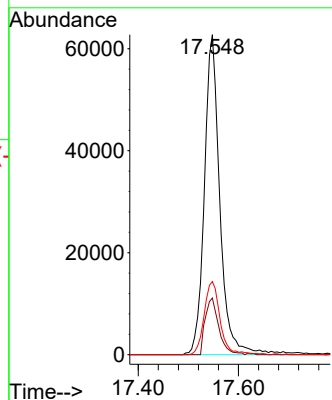
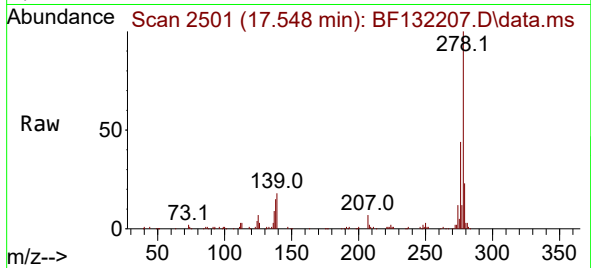




#91
Dibenzo(a,h)anthracene
Concen: 6.172 ng
RT: 17.548 min Scan# 2501
Delta R.T. -0.017 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:278 Resp: 134616
Ion Ratio Lower Upper
278 100
139 17.7 13.2 19.8
279 22.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 6.018 ng
RT: 18.024 min Scan# 2582
Delta R.T. -0.029 min
Lab File: BF132207.D
Acq: 27 Jan 2023 19:56

Tgt Ion:276 Resp: 133818
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 22.5 18.3 27.5

