

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124547.D
 Acq On : 13 Jul 2021 15:18
 Operator : JU/CG
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 13 15:43:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	8896	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	34691	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	19467	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	35310	20.000	ng	0.00
76) Chrysene-d12	14.098	240	24638	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	18776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	54330	105.812	ng	0.01
7) Phenol-d6	6.551	99	66324	106.183	ng	0.00
23) Nitrobenzene-d5	7.492	82	39171	71.279	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	15757	104.014	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	93522	70.056	ng	0.00
79) Terphenyl-d14	13.045	244	99426	67.764	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	1018	6.061	ng	# 100
3) Pyridine	3.598	79	2212	5.135	ng	94
4) n-Nitrosodimethylamine	3.504	42	2053	5.864	ng	98
6) Aniline	6.592	93	4931	7.492	ng	99
8) 2-Chlorophenol	6.710	128	3793	6.589	ng	93
9) Benzaldehyde	6.475	77	2748	7.499	ng	94
10) Phenol	6.557	94	3831	6.282	ng	75
11) bis(2-Chloroethyl)ether	6.663	93	3285	6.948	ng	96
12) 1,3-Dichlorobenzene	6.869	146	4509	7.157	ng	90
13) 1,4-Dichlorobenzene	6.945	146	4311	6.699	ng	97
14) 1,2-Dichlorobenzene	7.098	146	4285	7.007	ng	94
15) Benzyl Alcohol	7.057	79	2922	6.761	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	5686	6.978	ng	99
17) 2-Methylphenol	7.163	107	2845	6.752	ng	95
18) Hexachloroethane	7.439	117	1516	6.256	ng	# 83
19) n-Nitroso-di-n-propyla...	7.328	70	2434	6.931	ng	# 92
20) 3+4-Methylphenols	7.316	107	3662	6.601	ng	# 89
22) Acetophenone	7.328	105	5518	7.009	ng	# 88
24) Nitrobenzene	7.504	77	3616	6.636	ng	96
25) Isophorone	7.739	82	6094	6.041	ng	# 94
26) 2-Nitrophenol	7.822	139	1752	5.960	ng	# 88
27) 2,4-Dimethylphenol	7.851	122	3667	7.529	ng	92
28) bis(2-Chloroethoxy)met...	7.951	93	4327	7.353	ng	98
29) 2,4-Dichlorophenol	8.051	162	3171	6.312	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	3587	6.452	ng	93
31) Naphthalene	8.227	128	11840	6.599	ng	97
32) Benzoic acid	7.904	122	1113	3.278	ng	91
33) 4-Chloroaniline	8.269	127	4707	6.942	ng	93
34) Hexachlorobutadiene	8.345	225	2036	6.488	ng	93
35) Caprolactam	8.610	113	724	5.697	ng	91
36) 4-Chloro-3-methylphenol	8.739	107	3174	6.389	ng	97
37) 2-Methylnaphthalene	8.922	142	8186	6.761	ng	95
38) 1-Methylnaphthalene	9.022	142	7401	6.509	ng	93
40) 1,2,4,5-Tetrachloroben...	9.086	216	3478	6.699	ng	# 96
41) Hexachlorocyclopentadiene	9.075	237	2610	8.047	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	2148	5.730	ng	98

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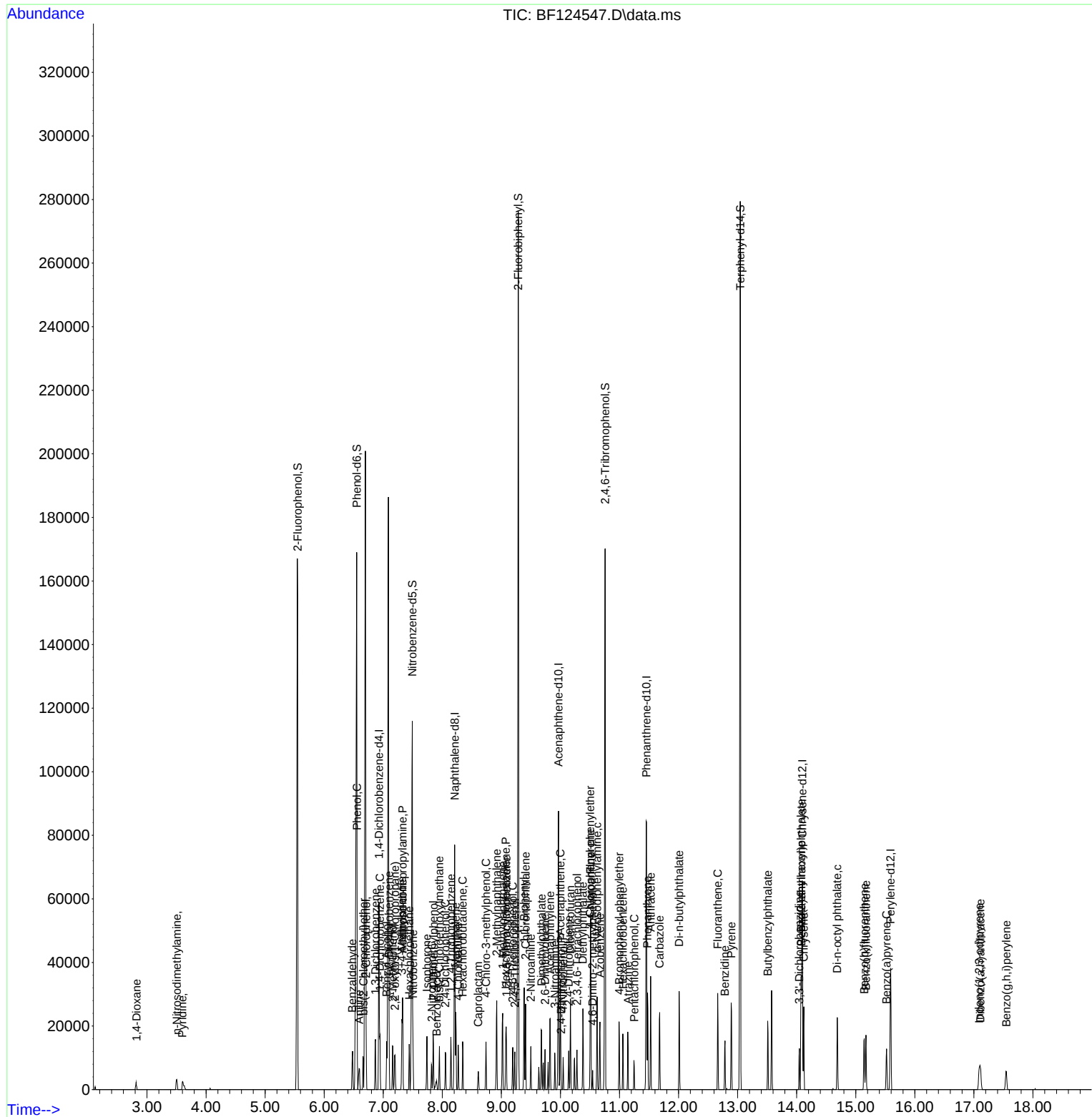
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	2221	5.745	ng	95
46) 1,1'-Biphenyl	9.386	154	10405	7.038	ng	97
47) 2-Chloronaphthalene	9.410	162	7594	6.551	ng	98
48) 2-Nitroaniline	9.498	65	1829	6.561	ng	97
49) Acenaphthylene	9.827	152	11711	6.474	ng	99
50) Dimethylphthalate	9.680	163	8797	6.495	ng	# 95
51) 2,6-Dinitrotoluene	9.739	165	1784	6.682	ng	92
52) Acenaphthene	9.998	154	7461	6.450	ng	95
53) 3-Nitroaniline	9.904	138	2044	6.860	ng	# 95
54) 2,4-Dinitrophenol	10.010	184	585	4.199	ng	# 86
55) Dibenzofuran	10.169	168	10940	6.433	ng	98
56) 4-Nitrophenol	10.045	139	1370	5.525	ng	# 76
57) 2,4-Dinitrotoluene	10.139	165	2592	7.091	ng	# 83
58) Fluorene	10.510	166	8715	6.625	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.280	232	1762	5.902	ng	# 88
60) Diethylphthalate	10.380	149	9572	6.759	ng	97
61) 4-Chlorophenyl-phenyle...	10.504	204	3896	6.525	ng	94
62) 4-Nitroaniline	10.516	138	2063	6.870	ng	# 79
63) Azobenzene	10.669	77	8106	6.548	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	883	4.378	ng	93
66) n-Nitrosodiphenylamine	10.621	169	7258	6.313	ng	95
67) 4-Bromophenyl-phenylether	10.998	248	2432	6.661	ng	94
68) Hexachlorobenzene	11.057	284	2305	6.162	ng	# 89
69) Atrazine	11.145	200	2479	7.040	ng	95
70) Pentachlorophenol	11.251	266	1415	5.980	ng	99
71) Phenanthrene	11.474	178	12157	6.311	ng	96
72) Anthracene	11.527	178	12708	6.576	ng	98
73) Carbazole	11.680	167	11721	6.564	ng	96
74) Di-n-butylphthalate	12.010	149	14893	6.191	ng	97
75) Fluoranthene	12.663	202	12098	6.225	ng	95
77) Benzidine	12.786	184	7838	8.510	ng	99
78) Pyrene	12.892	202	12571	6.141	ng	98
80) Butylbenzylphthalate	13.509	149	5641	5.699	ng	91
81) Benzo(a)anthracene	14.080	228	10315	6.313	ng	98
82) 3,3'-Dichlorobenzidine	14.045	252	3906	9.126	ng	# 98
83) Chrysene	14.121	228	9672	6.179	ng	95
84) Bis(2-ethylhexyl)phtha...	14.074	149	8018	6.034	ng	# 97
85) Di-n-octyl phthalate	14.686	149	12043	6.263	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.092	276	6377	5.856	ng	90
88) Benzo(b)fluoranthene	15.145	252	8593	6.376	ng	99
89) Benzo(k)fluoranthene	15.174	252	8471	6.851	ng	98
90) Benzo(a)pyrene	15.521	252	7829	7.038	ng	# 95
91) Dibenzo(a,h)anthracene	17.109	278	5917	6.384	ng	# 92
92) Benzo(g,h,i)perylene	17.550	276	5067	5.599	ng	# 92

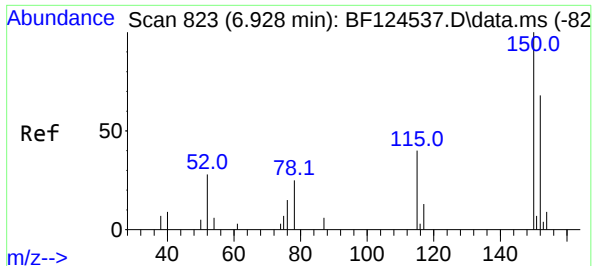
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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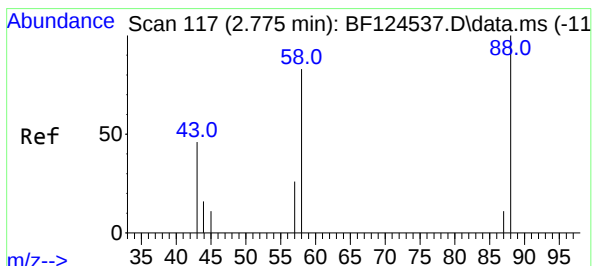
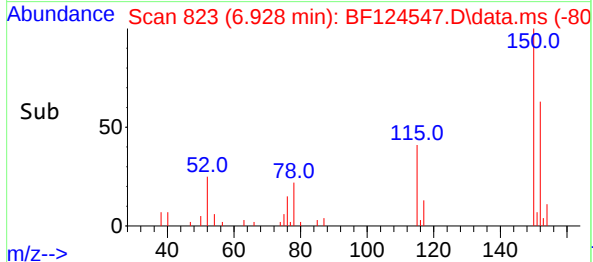
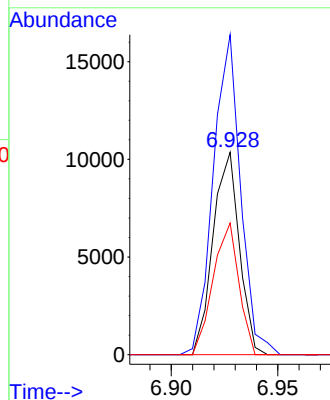
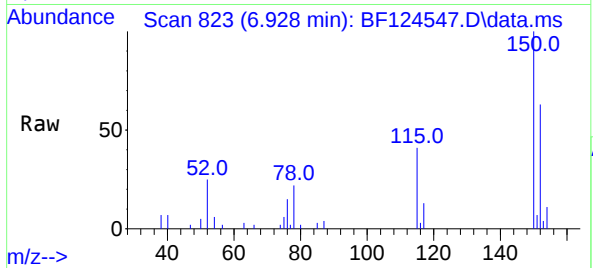




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

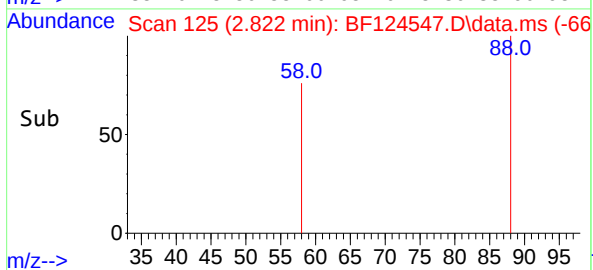
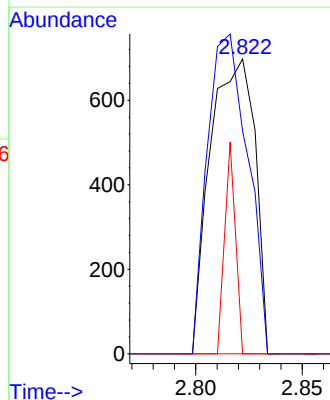
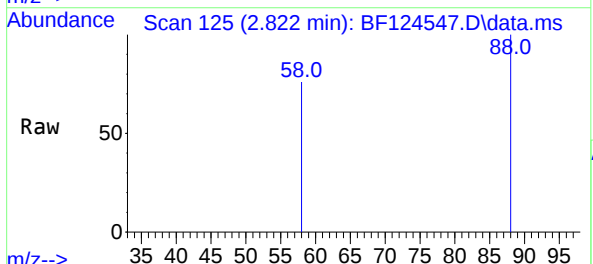
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

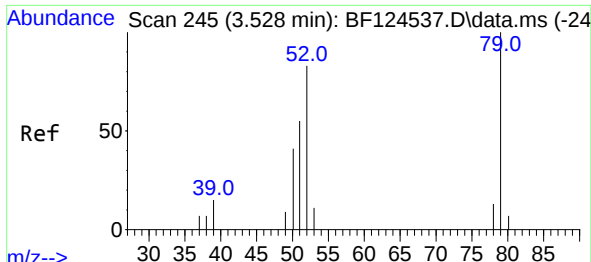
Tgt Ion:152 Resp: 8896
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 65.0 47.1 70.7



#2
1,4-Dioxane
Concen: 6.061 ng
RT: 2.822 min Scan# 125
Delta R.T. 0.047 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 88 Resp: 1018
Ion Ratio Lower Upper
88 100
58 98.0 0.0 0.0#
43 17.4 0.0 0.0#



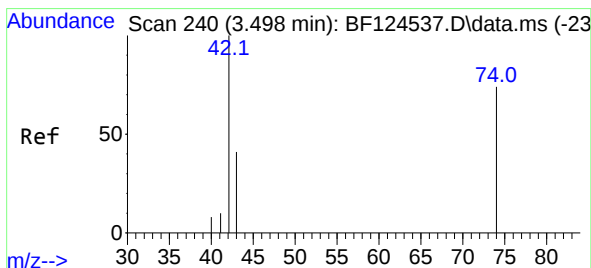
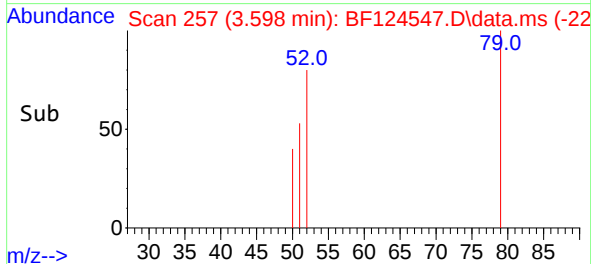
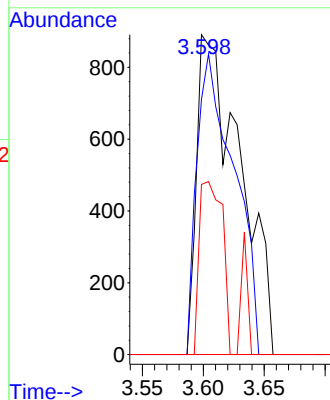
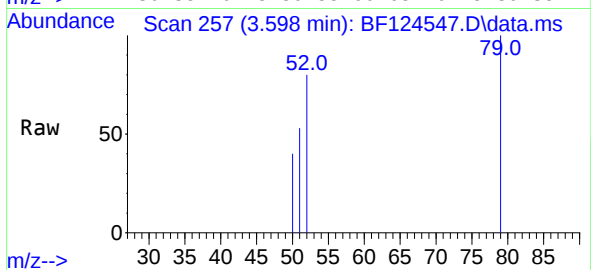


#3
Pyridine
Concen: 5.135 ng
RT: 3.598 min Scan# 257
Delta R.T. 0.071 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion: 79 Resp: 2212

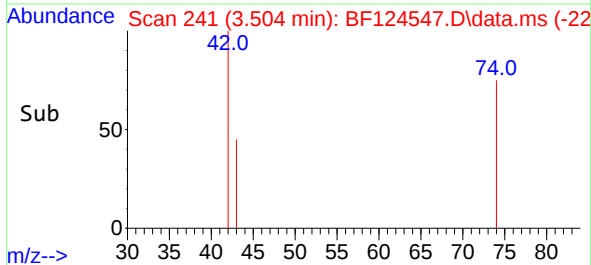
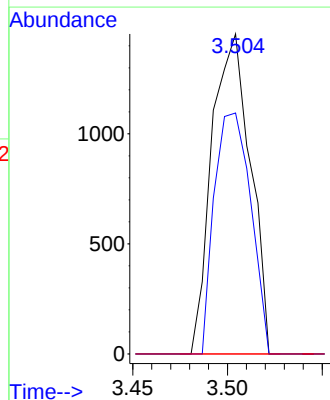
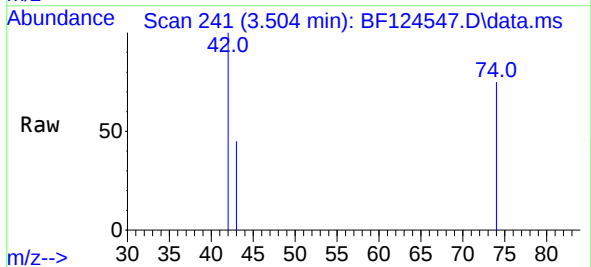
Ion	Ratio	Lower	Upper
79	100		
52	79.8	70.3	105.5
51	53.2	44.1	66.1



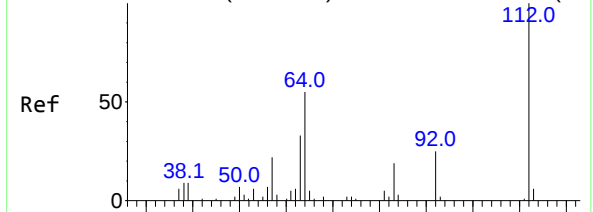
#4
n-Nitrosodimethylamine
Concen: 5.864 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 42 Resp: 2053

Ion	Ratio	Lower	Upper
42	100		
74	75.3	59.0	88.6
44	0.0	0.0	0.0

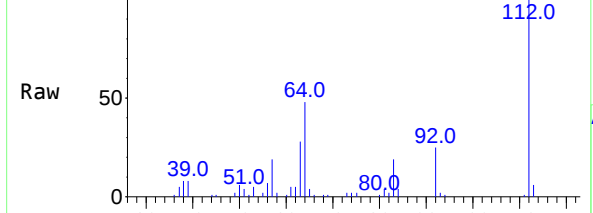


Abundance Scan 587 (5.539 min): BF124537.D\data.ms (-58



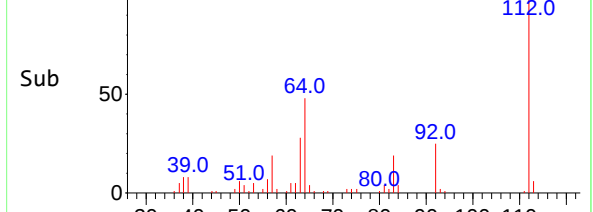
m/z-->

Abundance Scan 589 (5.551 min): BF124547.D\data.ms



m/z-->

Abundance Scan 589 (5.551 min): BF124547.D\data.ms (-53



m/z-->

#5

2-Fluorophenol

Concen: 105.812 ng

RT: 5.551 min Scan# 589

Delta R.T. 0.012 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

Tgt Ion:112 Resp: 54330

Ion Ratio Lower Upper

112 100

64 47.6 44.2 66.2

63 28.0 26.2 39.2

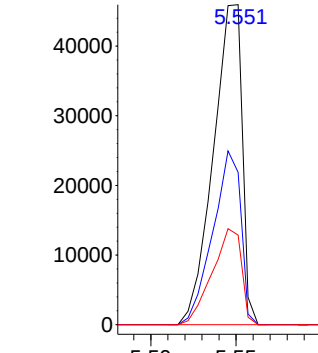
Instrument :

BNA_F

ClientSampleId :

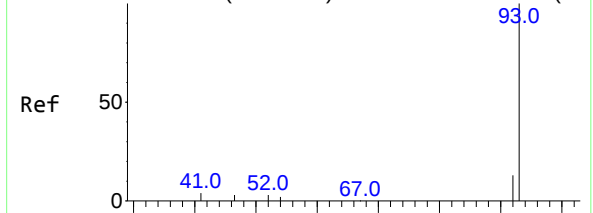
LOD-MDL-SOIL-01-QT3-2021

Abundance



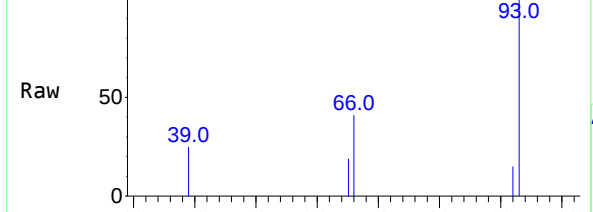
Time-->

Abundance Scan 766 (6.592 min): BF124537.D\data.ms (-76



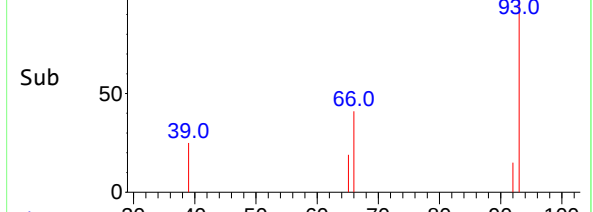
m/z-->

Abundance Scan 766 (6.592 min): BF124547.D\data.ms



m/z-->

Abundance Scan 766 (6.592 min): BF124547.D\data.ms (-71



m/z-->

#6

Aniline

Concen: 7.492 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

Tgt Ion: 93 Resp: 4931

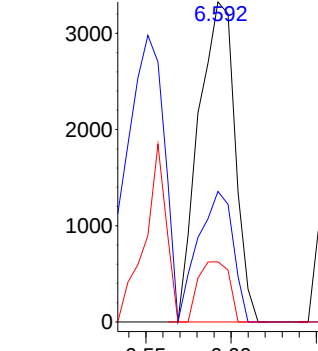
Ion Ratio Lower Upper

93 100

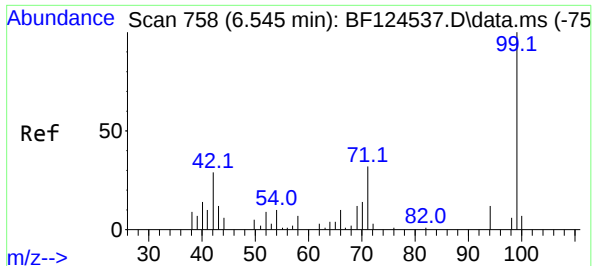
66 40.8 32.7 49.1

65 18.8 14.2 21.4

Abundance



Time-->

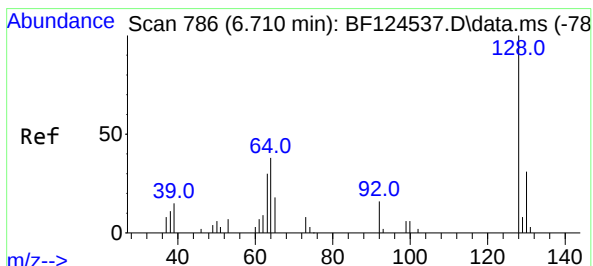
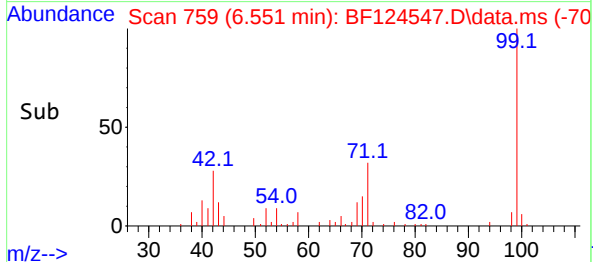
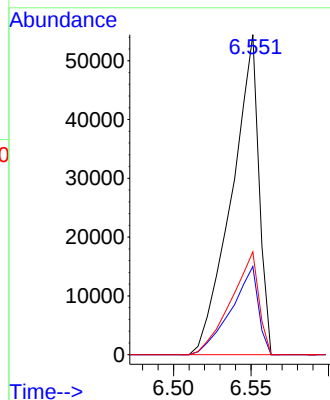
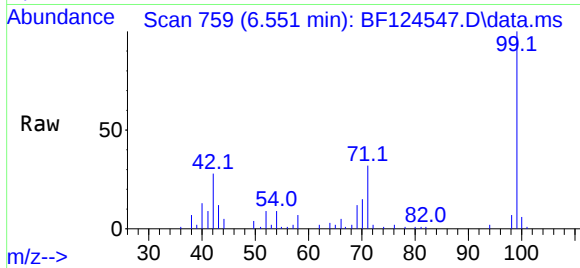


#7
Phenol-d6
Concen: 106.183 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion: 99 Resp: 66324

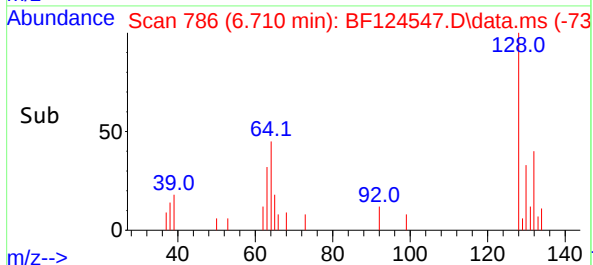
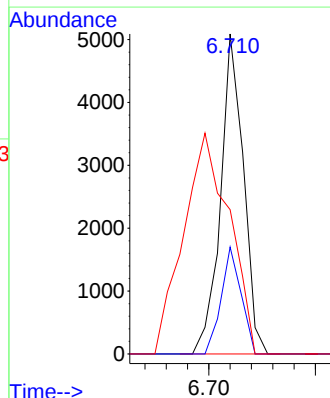
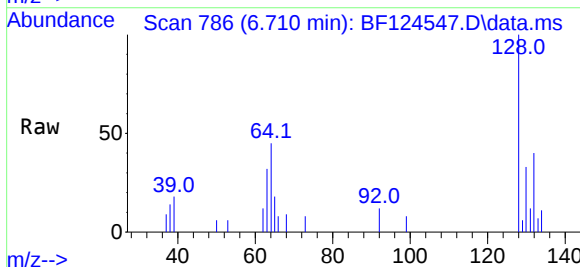
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	32.2	25.6	38.4

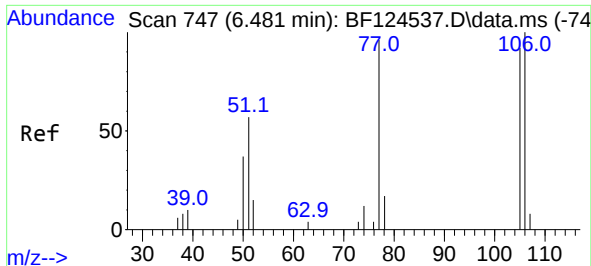


#8
2-Chlorophenol
Concen: 6.589 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 128 Resp: 3793

Ion	Ratio	Lower	Upper
128	100		
130	33.4	10.5	50.5
64	45.1	20.3	60.3



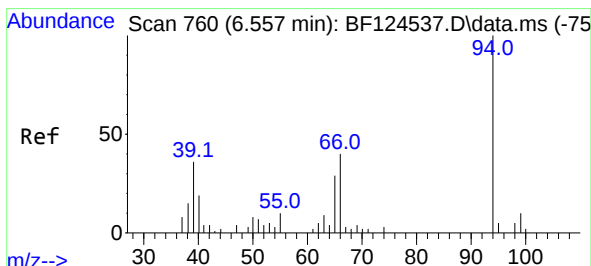
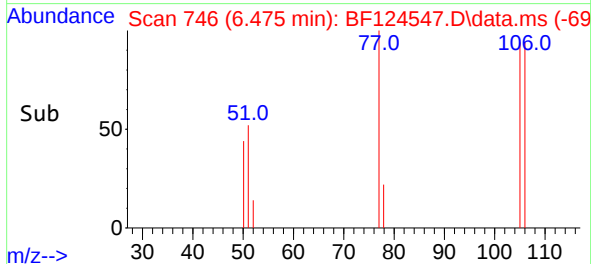
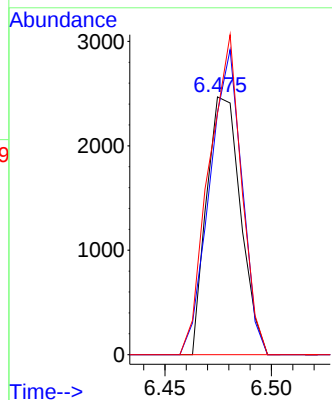
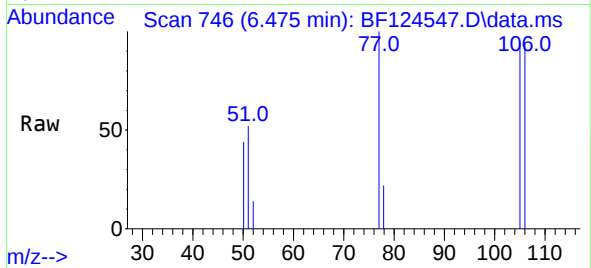


#9
Benzaldehyde
Concen: 7.499 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion: 77 Resp: 2748

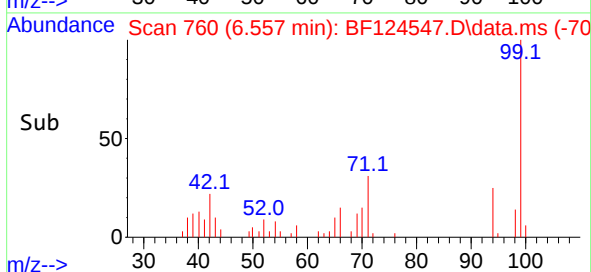
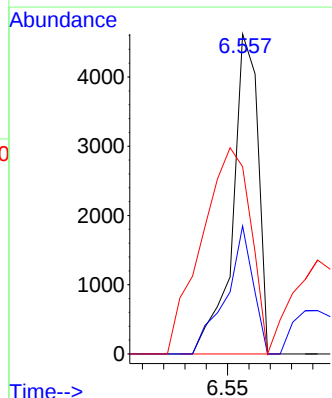
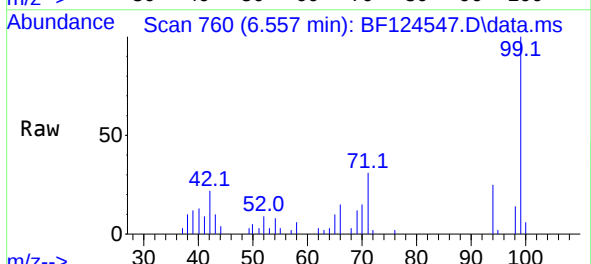
Ion	Ratio	Lower	Upper
77	100		
105	93.9	75.9	115.9
106	93.6	84.0	124.0

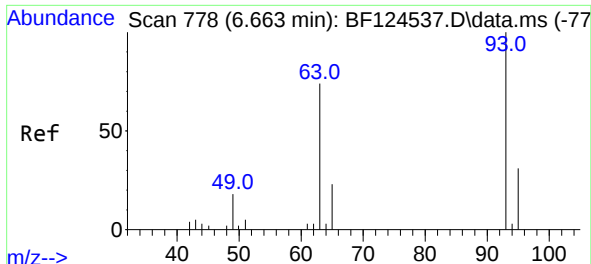


#10
Phenol
Concen: 6.282 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 94 Resp: 3831

Ion	Ratio	Lower	Upper
94	100		
65	40.0	9.3	49.3
66	58.5	20.3	60.3

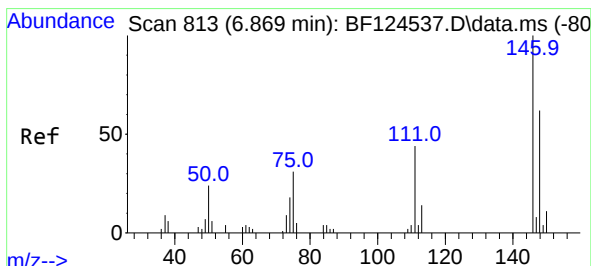
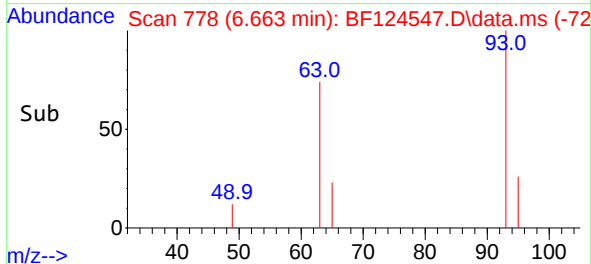
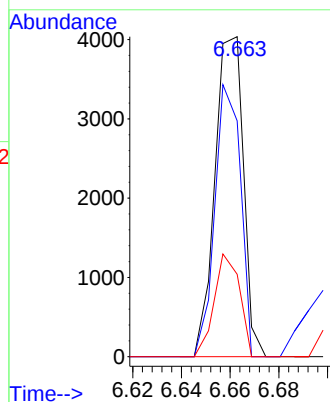
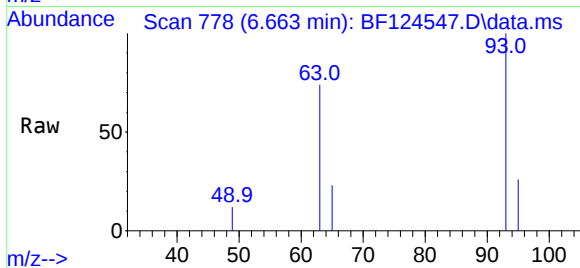




#11
bis(2-Chloroethyl)ether
Concen: 6.948 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

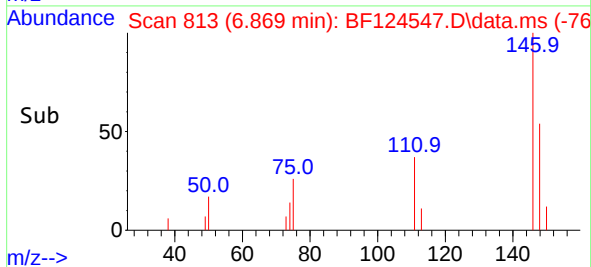
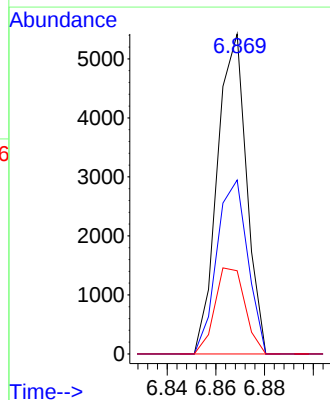
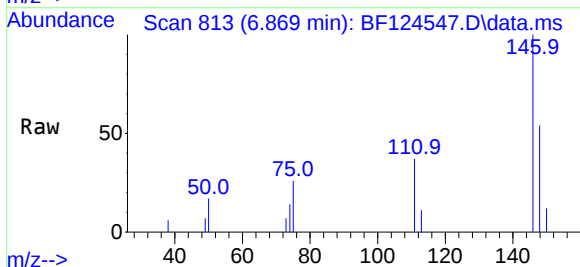
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

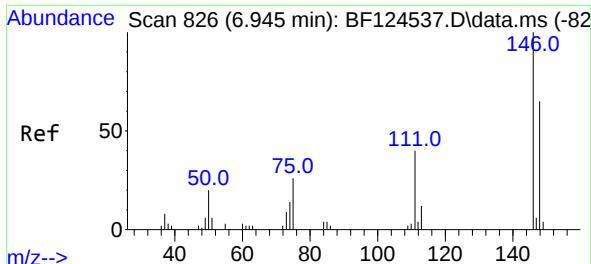
Tgt Ion:	93	Resp:	3285
Ion	Ratio	Lower	Upper
93	100		
63	73.7	54.4	94.4
95	25.7	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 7.157 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:	146	Resp:	4509
Ion	Ratio	Lower	Upper
146	100		
148	54.4	49.7	74.5
75	26.0	25.2	37.8



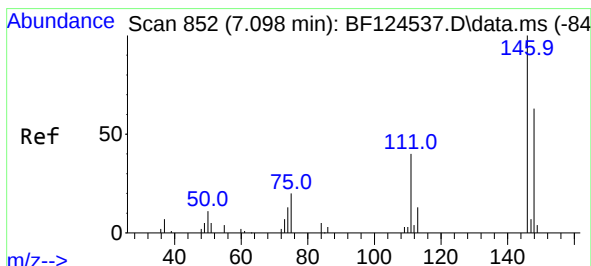
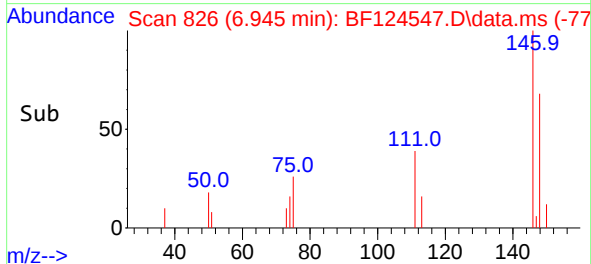
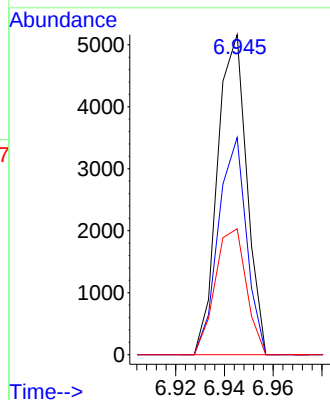
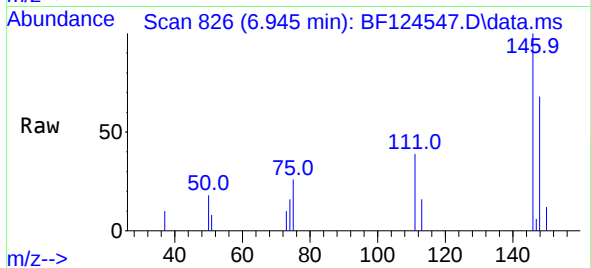


#13
1,4-Dichlorobenzene
Concen: 6.699 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:146 Resp: 4311

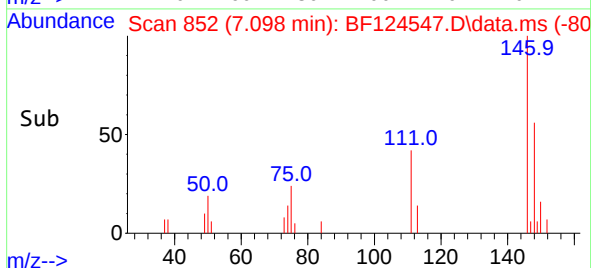
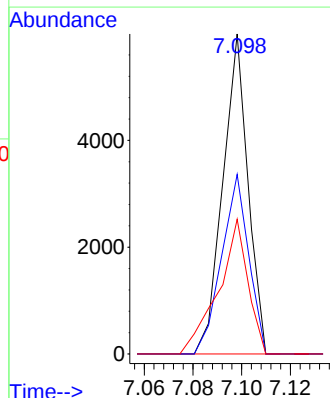
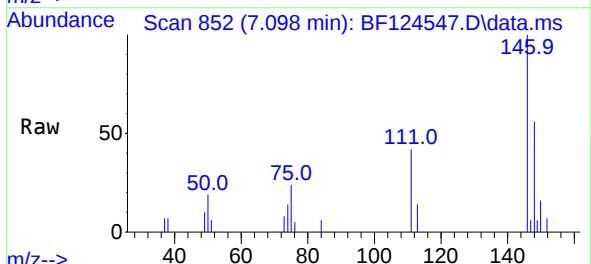
Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.9	77.9
111	39.3	31.8	47.6

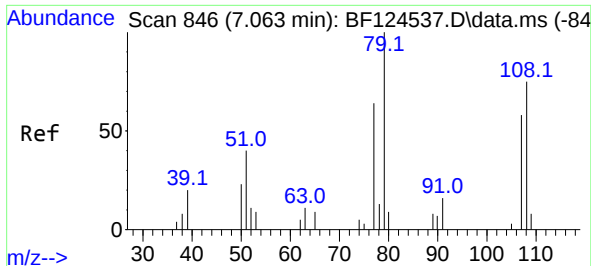


#14
1,2-Dichlorobenzene
Concen: 7.007 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:146 Resp: 4285

Ion	Ratio	Lower	Upper
146	100		
148	56.1	50.6	75.8
111	42.1	33.5	50.3

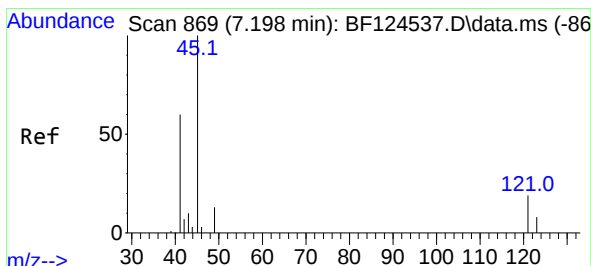
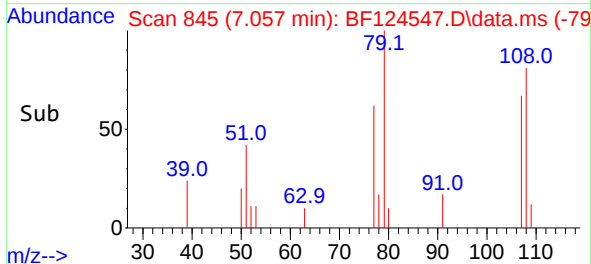
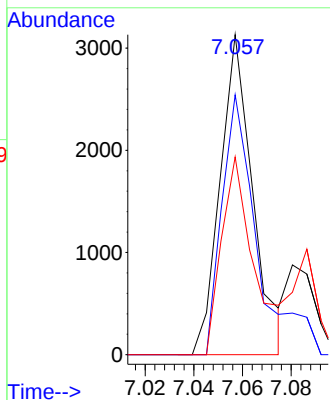
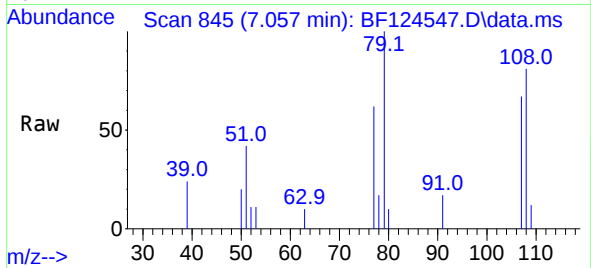




#15
Benzyl Alcohol
Concen: 6.761 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

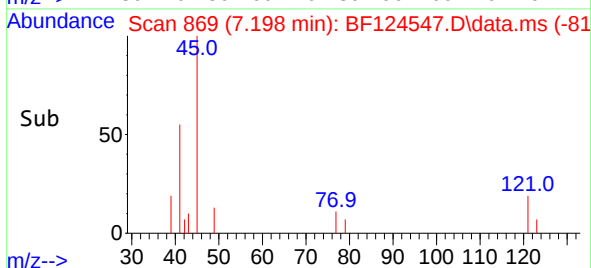
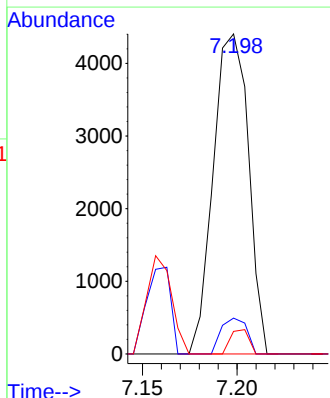
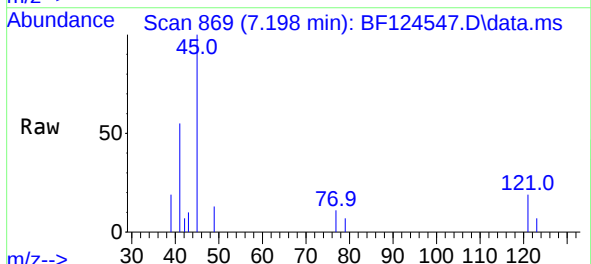
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

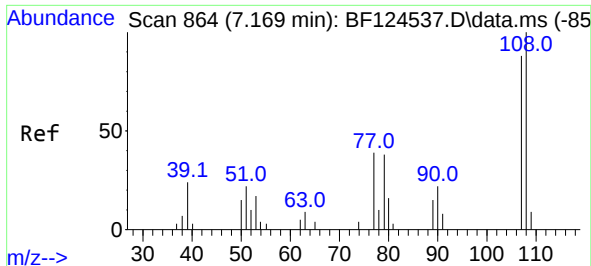
Tgt Ion: 79 Resp: 2922
Ion Ratio Lower Upper
79 100
108 81.2 60.4 90.6
77 61.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.978 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 45 Resp: 5686
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.6
79 7.0 0.0 27.5

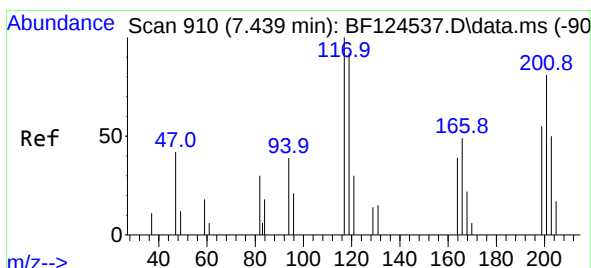
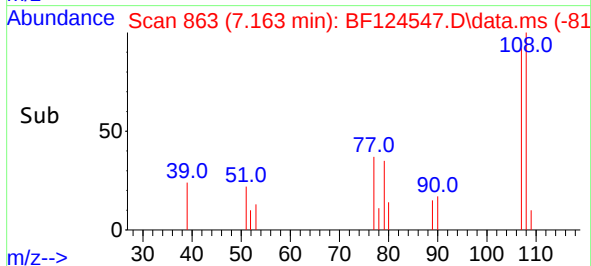
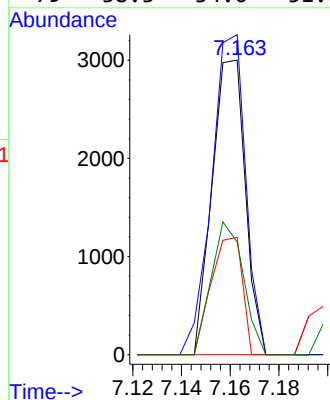
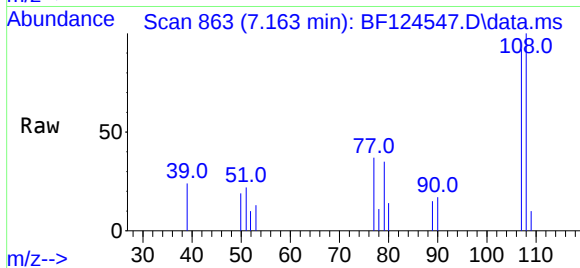




#17
2-Methylphenol
Concen: 6.752 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

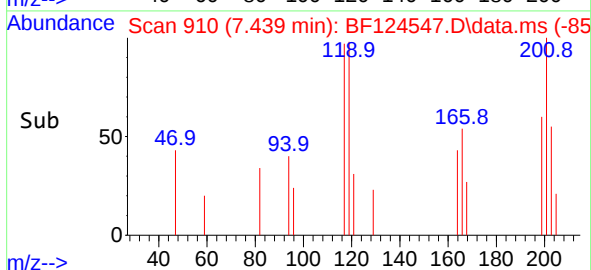
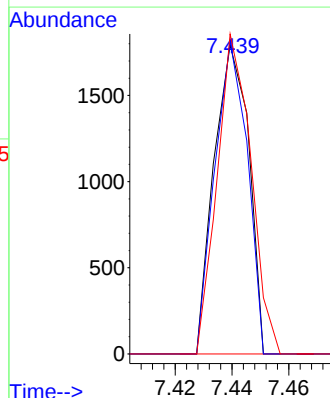
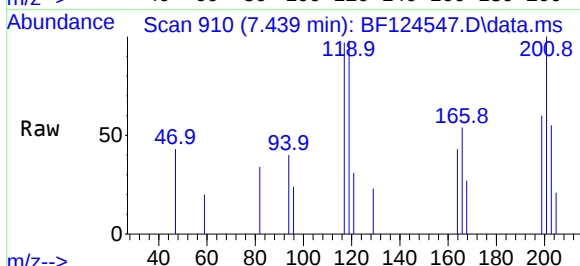
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:	107	Resp:	2845
Ion	Ratio	Lower	Upper
107	100		
108	108.7	90.6	135.8
77	39.8	35.7	53.5
79	38.3	34.0	51.0

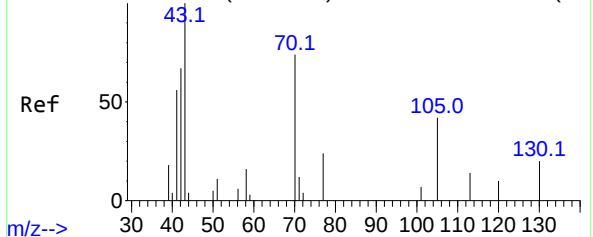


#18
Hexachloroethane
Concen: 6.256 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

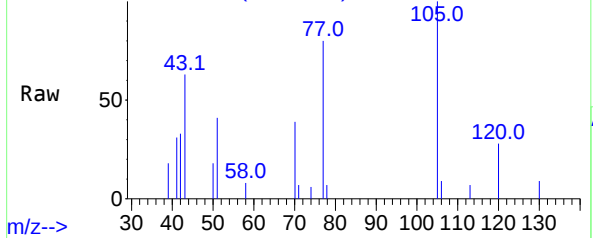
Tgt Ion:	117	Resp:	1516
Ion	Ratio	Lower	Upper
117	100		
119	101.3	73.4	110.2
201	103.5	64.9	97.3



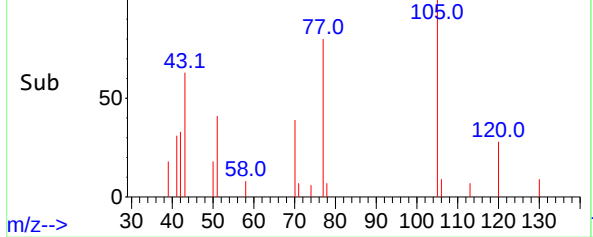
Abundance Scan 894 (7.345 min): BF124537.D\data.ms (-88



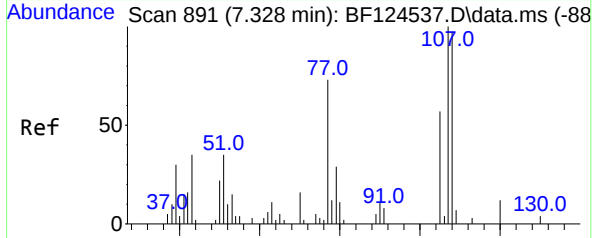
m/z--> Scan 891 (7.328 min): BF124547.D\data.ms



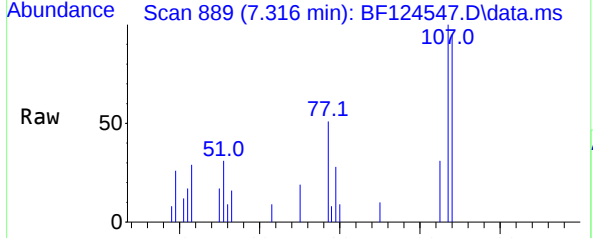
Abundance Scan 891 (7.328 min): BF124547.D\data.ms (-84



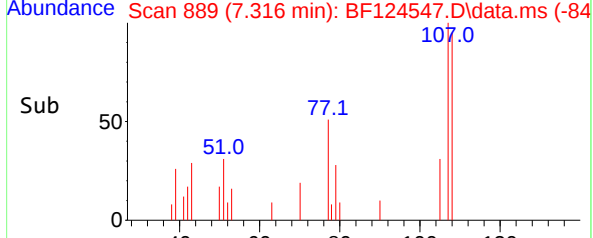
m/z--> Scan 891 (7.328 min): BF124537.D\data.ms (-88



m/z--> Scan 889 (7.316 min): BF124547.D\data.ms



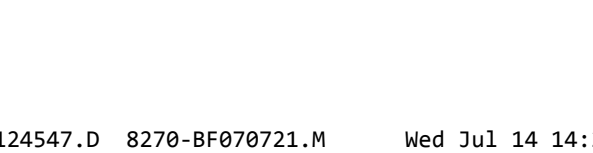
Abundance Scan 889 (7.316 min): BF124547.D\data.ms (-84



m/z--> Scan 889 (7.316 min): BF124547.D\data.ms (-84

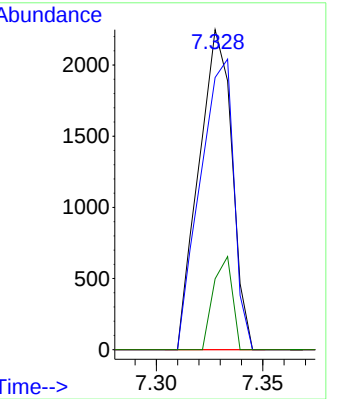


m/z--> Scan 889 (7.316 min): BF124547.D\data.ms (-84



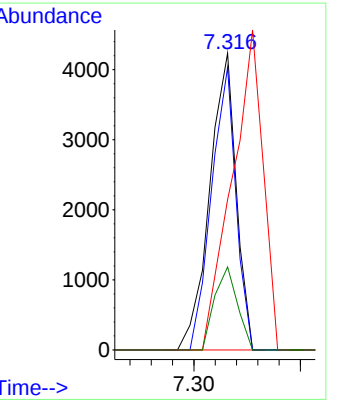
#19
n-Nitroso-di-n-propylamine
Concen: 6.931 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 70	Resp: 2434
Ion Ratio	Lower Upper
70	100
42	85.1 72.2 108.2
101	0.0 7.8 11.8#
130	22.2 21.8 32.6

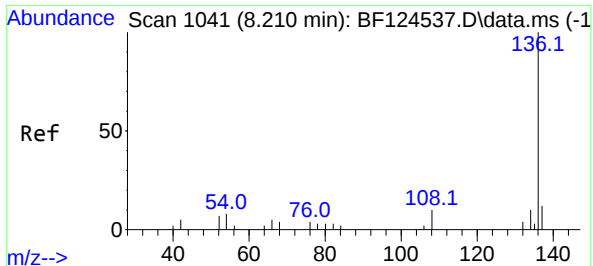


#20
3+4-Methylphenols
Concen: 6.601 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 107	Resp: 3662
Ion Ratio	Lower Upper
107	100
108	95.2 76.6 116.6
77	50.6 53.3 93.3#
79	28.0 8.7 48.7



Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

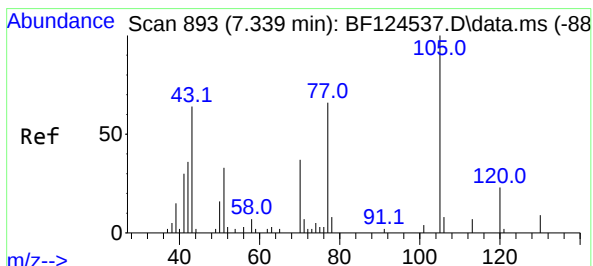
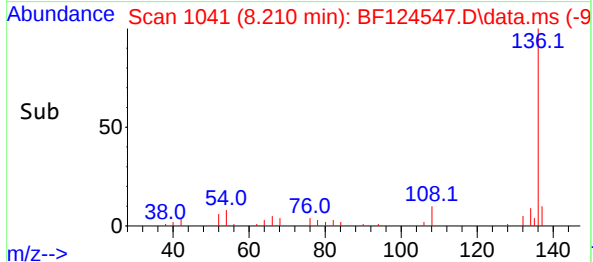
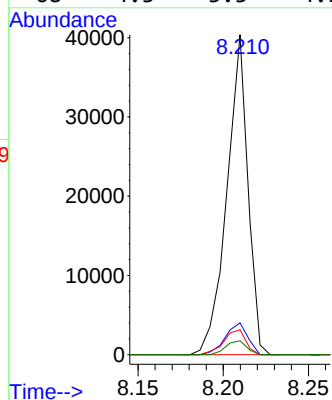
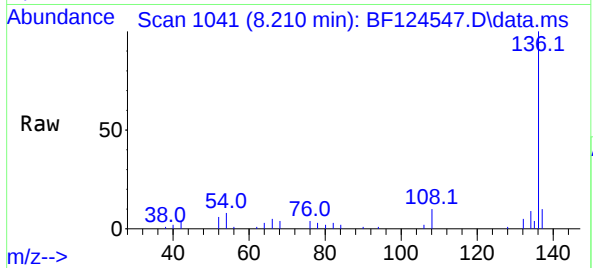


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:136 Resp: 34691

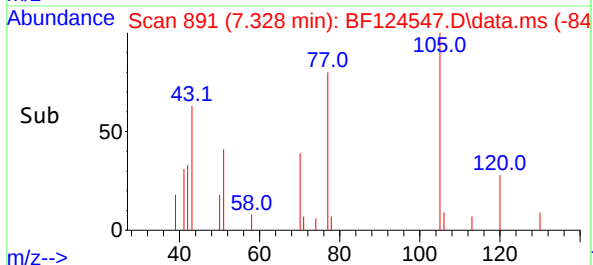
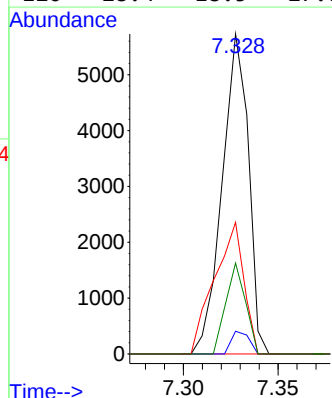
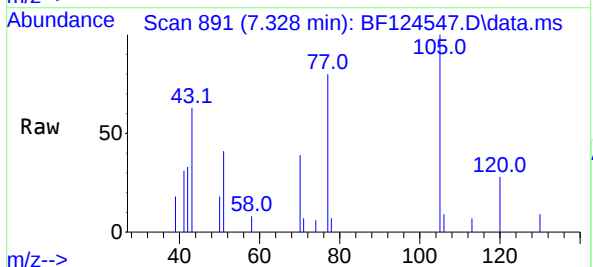
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.8	14.6
54	7.8	6.4	9.6
68	4.3	3.3	4.9



#22
Acetophenone
Concen: 7.009 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:105 Resp: 5518

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.5	8.3
51	41.2	26.0	39.0#
120	28.4	18.5	27.7#





#23

Nitrobenzene-d5

Concen: 71.279 ng

RT: 7.492 min Scan# 919

Delta R.T. 0.000 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

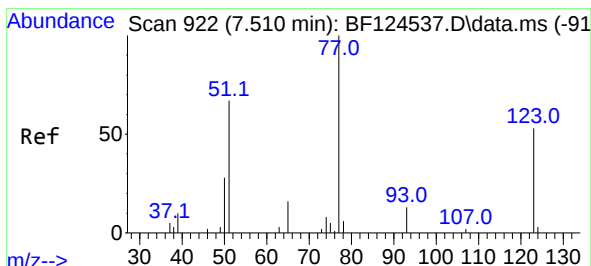
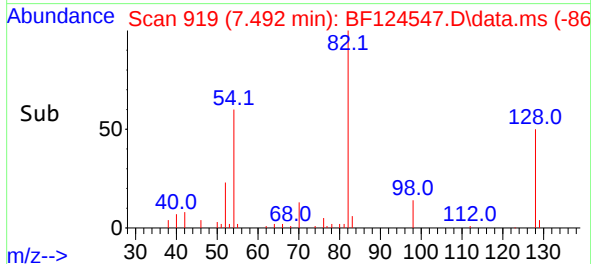
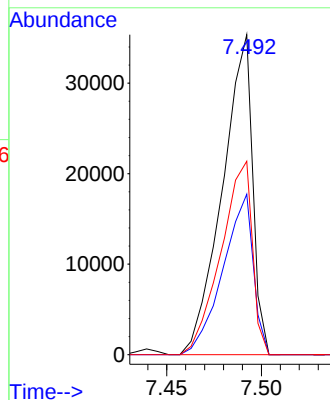
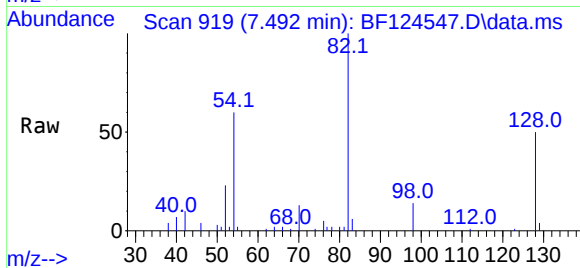
Tgt Ion: 82 Resp: 39171

Ion Ratio Lower Upper

82 100

128 50.1 40.6 60.8

54 60.5 49.6 74.4



#24

Nitrobenzene

Concen: 6.636 ng

RT: 7.504 min Scan# 921

Delta R.T. -0.006 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

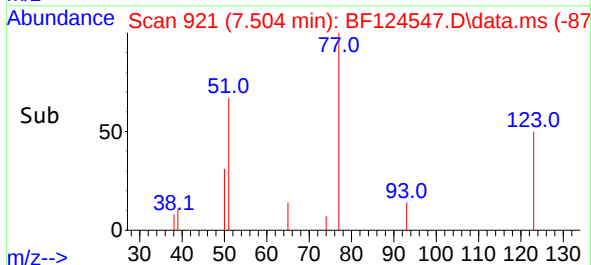
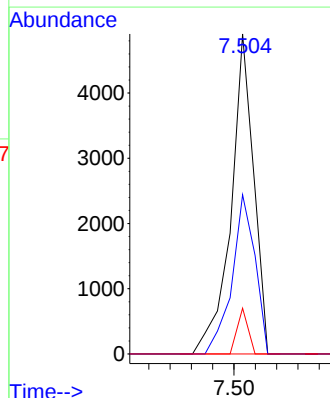
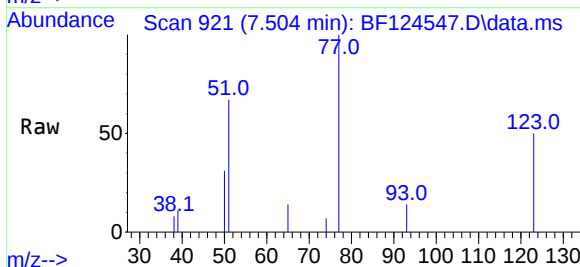
Tgt Ion: 77 Resp: 3616

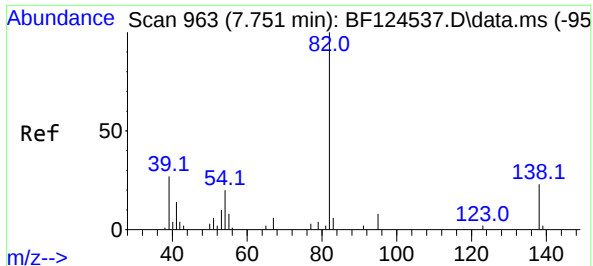
Ion Ratio Lower Upper

77 100

123 49.7 42.3 63.5

65 14.3 12.4 18.6

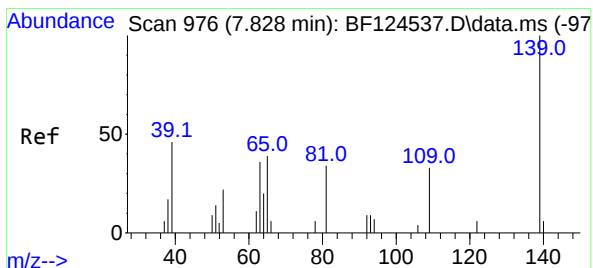
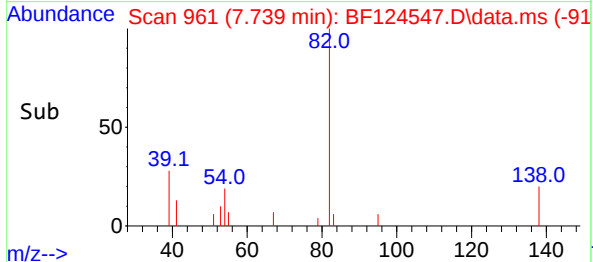
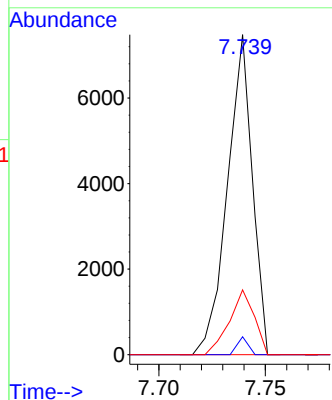
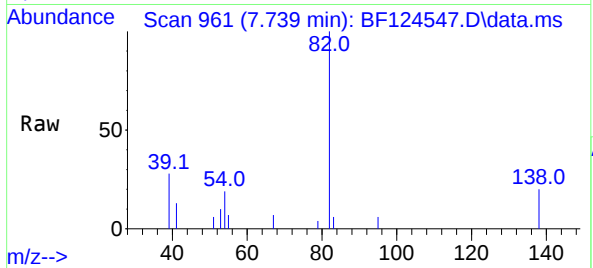




#25
Isophorone
Concen: 6.041 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

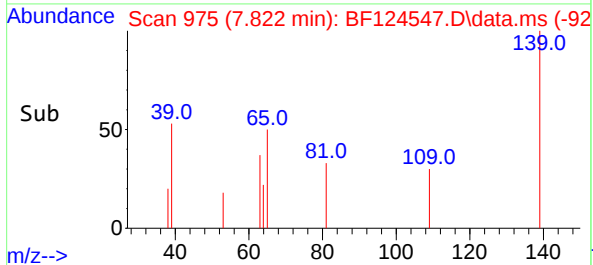
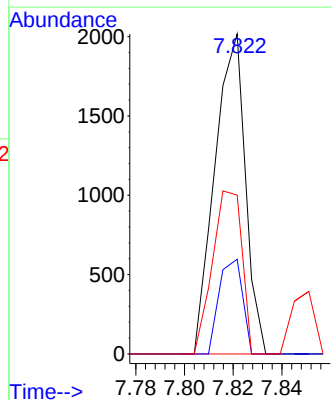
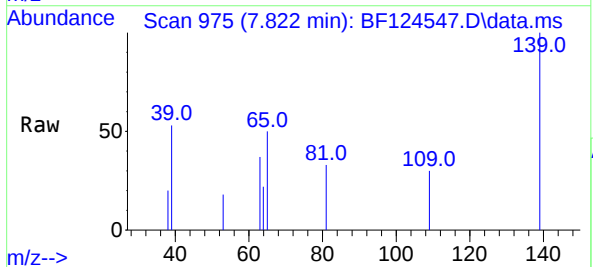
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

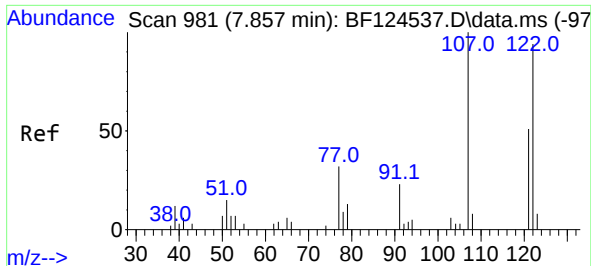
Tgt Ion: 82 Resp: 6094
Ion Ratio Lower Upper
82 100
95 5.6 6.5 9.7#
138 20.3 18.4 27.6



#26
2-Nitrophenol
Concen: 5.960 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 139 Resp: 1752
Ion Ratio Lower Upper
139 100
109 29.6 26.0 39.0
65 49.6 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 7.529 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

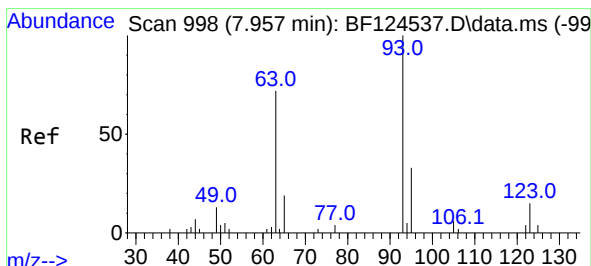
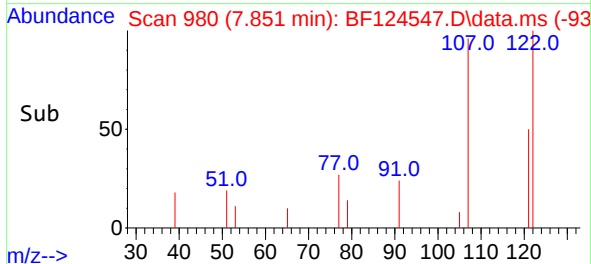
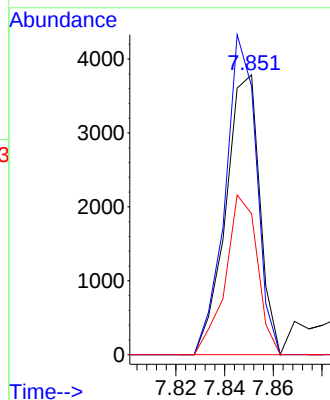
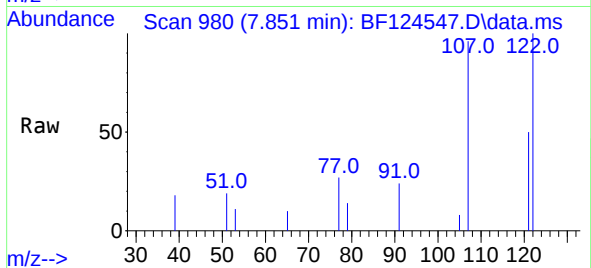
Tgt Ion:122 Resp: 3667

Ion Ratio Lower Upper

122 100

107 96.0 85.0 127.6

121 50.4 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 7.353 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

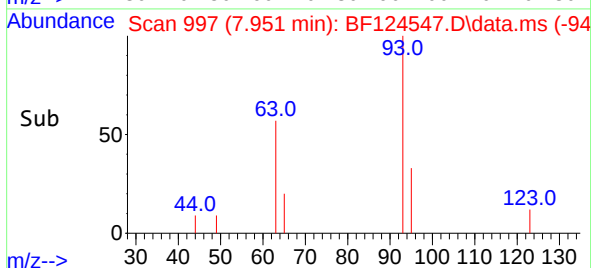
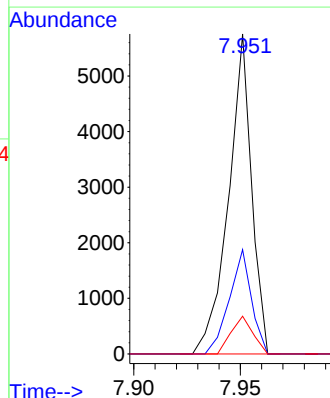
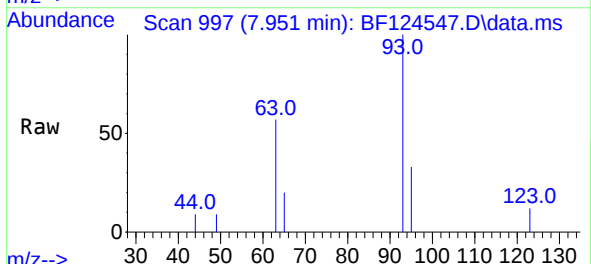
Tgt Ion: 93 Resp: 4327

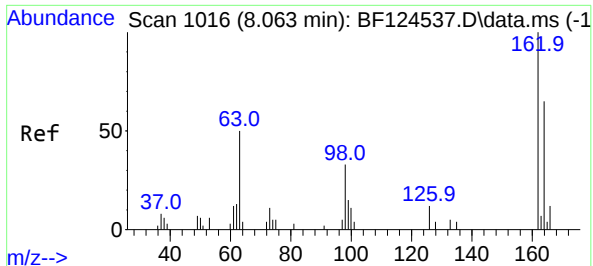
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.8 11.7 17.5

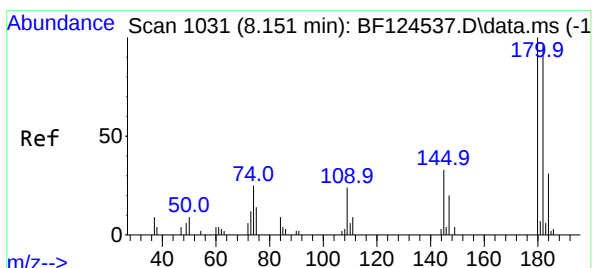
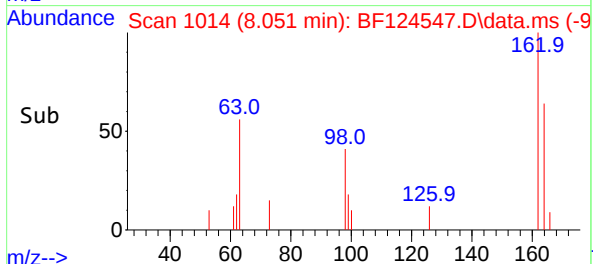
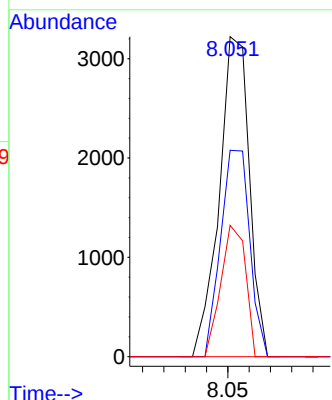
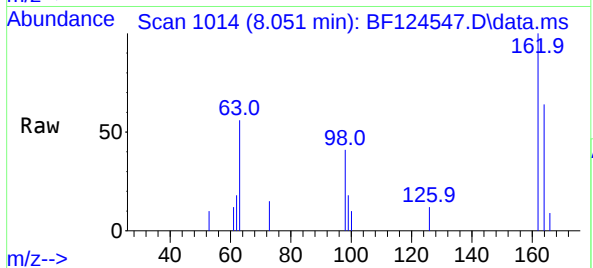




#29
2,4-Dichlorophenol
Concen: 6.312 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

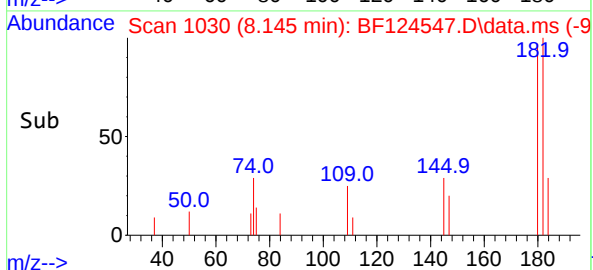
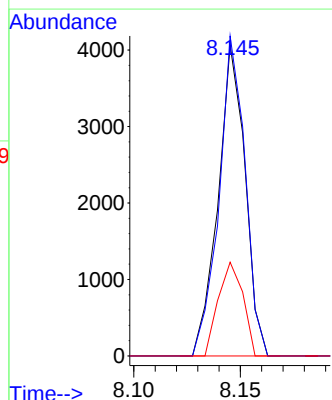
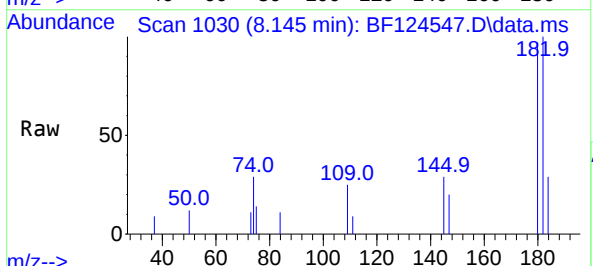
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

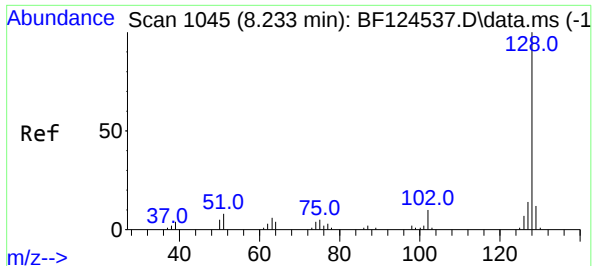
Tgt Ion:162 Resp: 3171
Ion Ratio Lower Upper
162 100
164 64.5 44.5 84.5
98 41.0 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 6.452 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:180 Resp: 3587
Ion Ratio Lower Upper
180 100
182 102.8 76.8 115.2
145 30.1 26.7 40.1

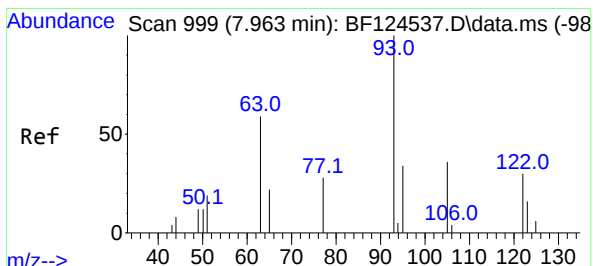
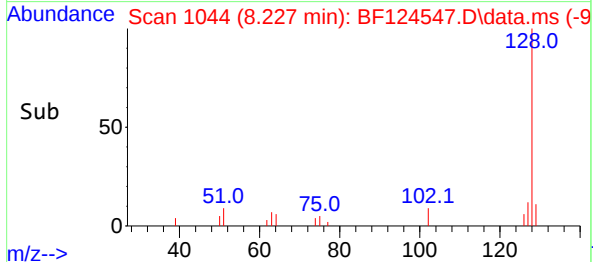
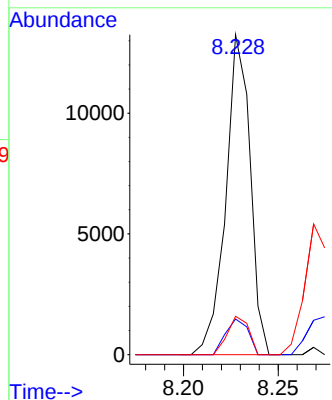
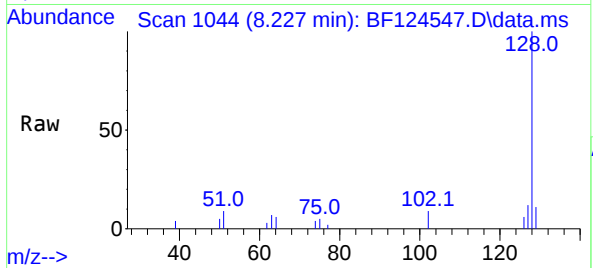




#31
Naphthalene
Concen: 6.599 ng
RT: 8.227 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

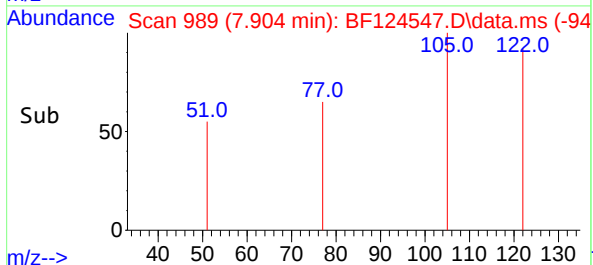
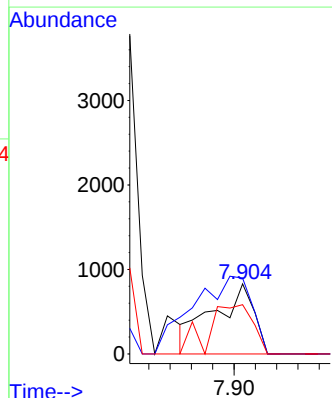
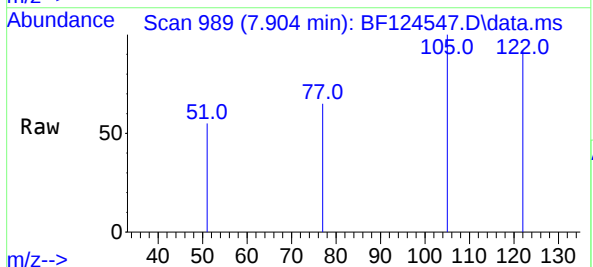
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

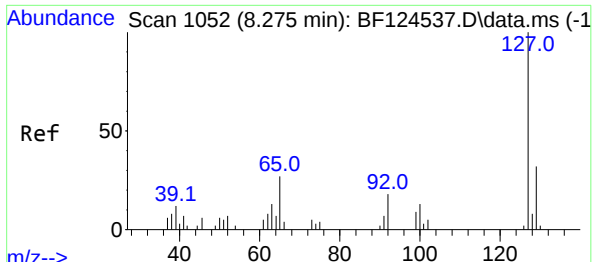
Tgt Ion:128 Resp: 11840
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.0 10.9 16.3



#32
Benzoic acid
Concen: 3.278 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.059 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:122 Resp: 1113
Ion Ratio Lower Upper
122 100
105 108.2 97.6 137.6
77 70.3 59.6 99.6



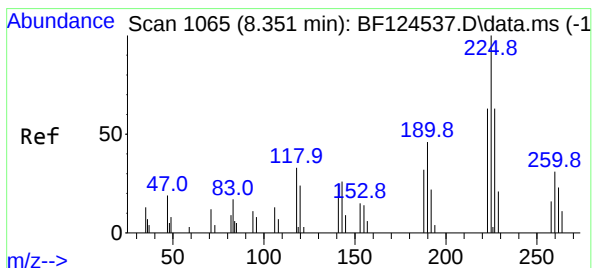
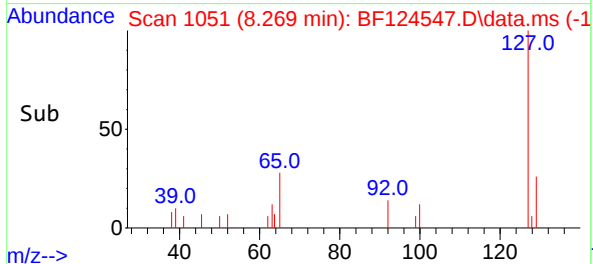
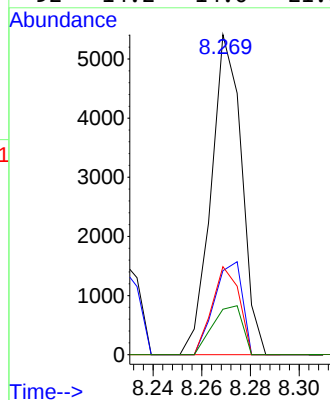
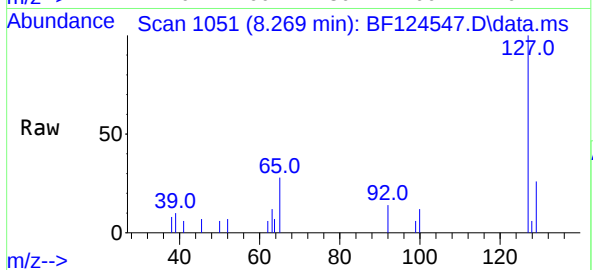


#33
4-Chloroaniline
Concen: 6.942 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:127 Resp: 4707

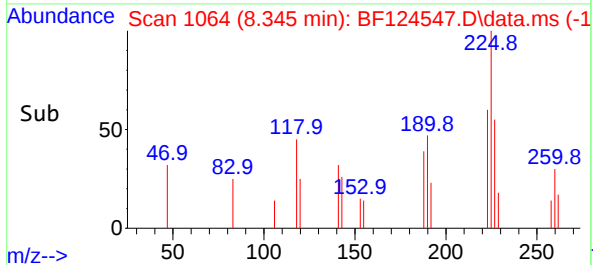
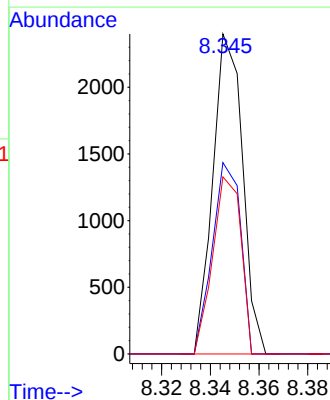
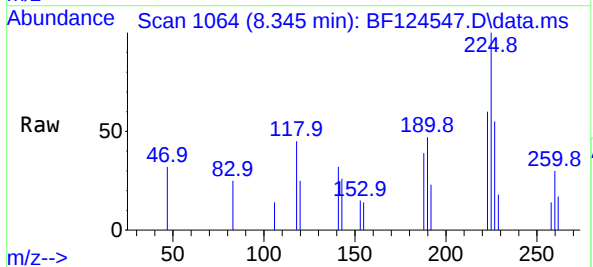
Ion	Ratio	Lower	Upper
127	100		
129	26.3	25.7	38.5
65	27.5	21.2	31.8
92	14.2	14.0	21.0

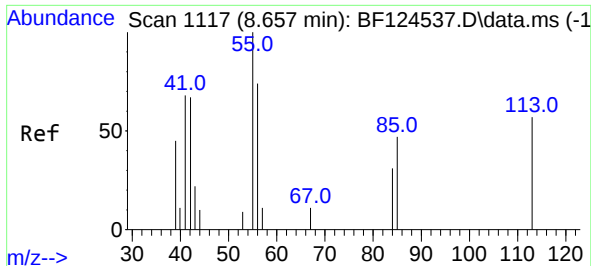


#34
Hexachlorobutadiene
Concen: 6.488 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:225 Resp: 2036

Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.6	76.0
227	55.4	50.6	75.8

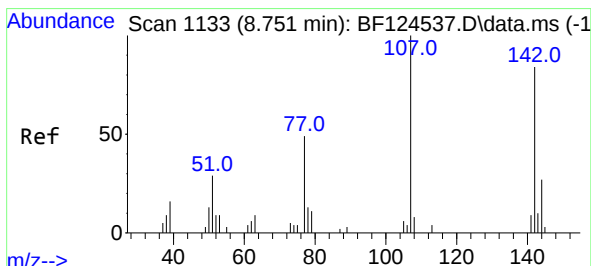
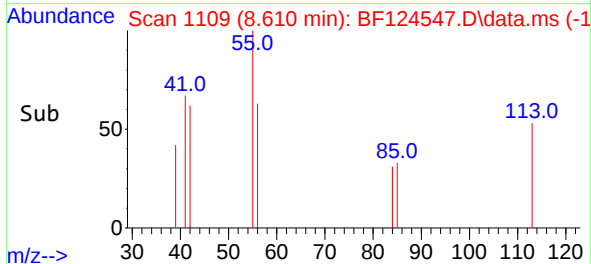
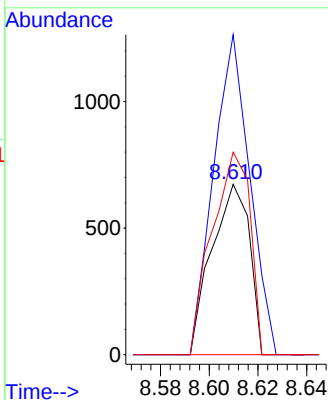
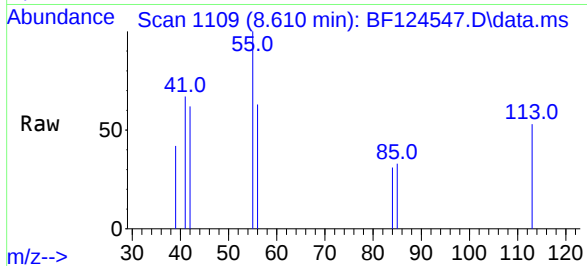




#35
Caprolactam
Concen: 5.697 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

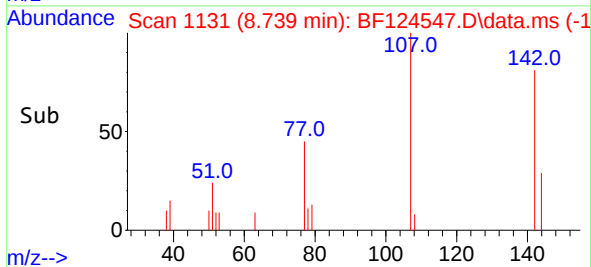
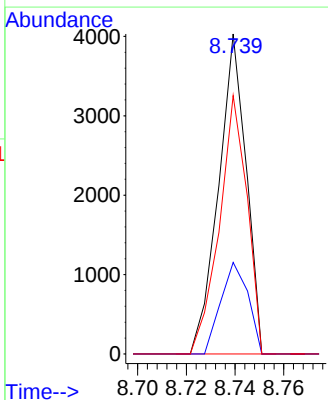
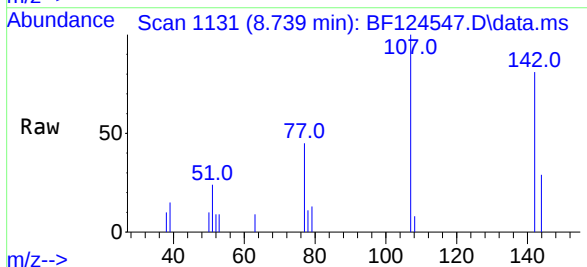
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

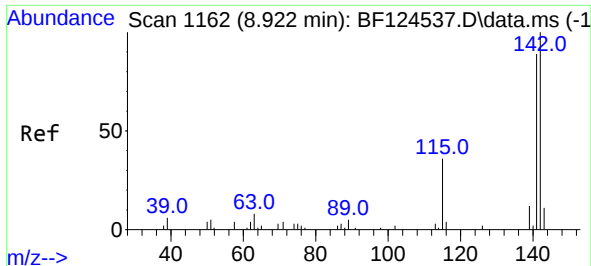
Tgt Ion:113 Resp: 724
Ion Ratio Lower Upper
113 100
55 187.8 154.1 194.1
56 118.9 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 6.389 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:107 Resp: 3174
Ion Ratio Lower Upper
107 100
144 28.6 21.9 32.9
142 80.7 67.1 100.7

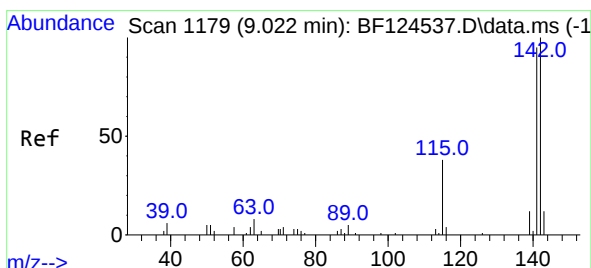
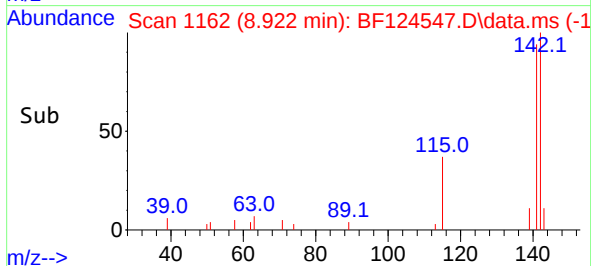
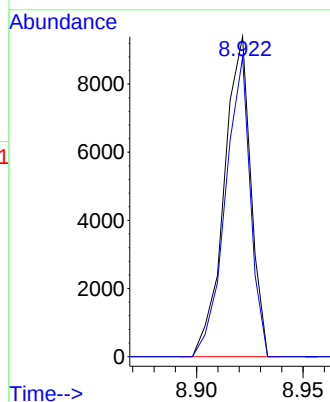
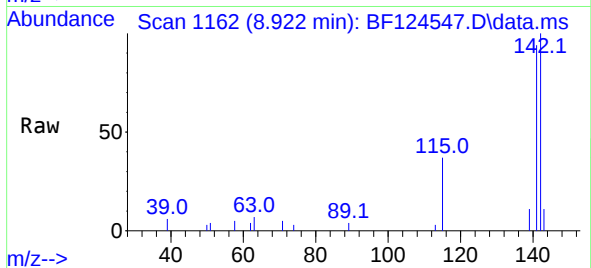




#37
2-Methylnaphthalene
Concen: 6.761 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

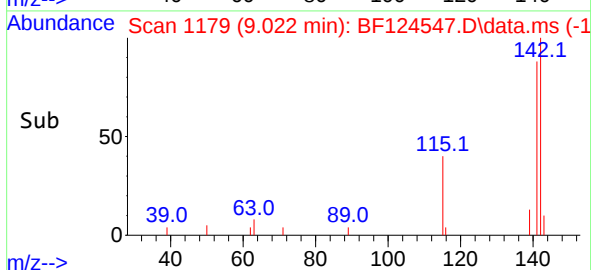
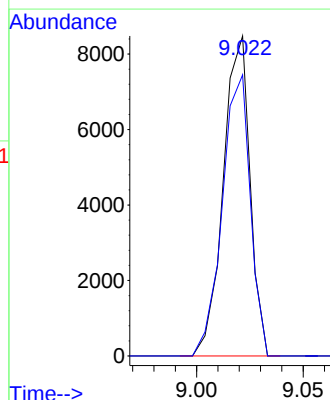
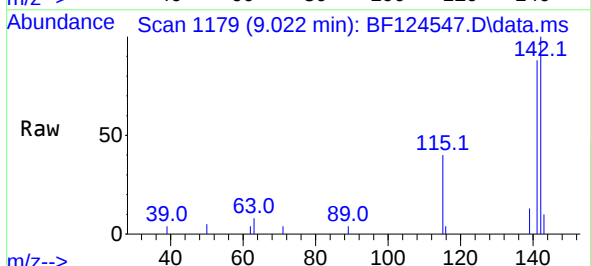
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

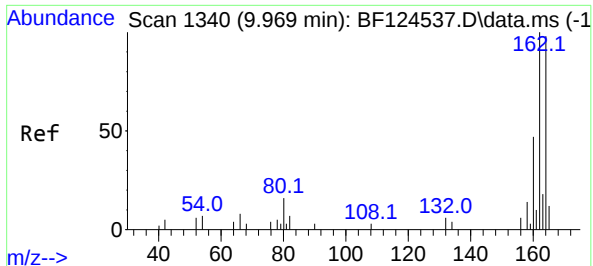
Tgt Ion:142 Resp: 8186
Ion Ratio Lower Upper
142 100
141 93.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 6.509 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:142 Resp: 7401
Ion Ratio Lower Upper
142 100
141 87.9 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

Instrument :

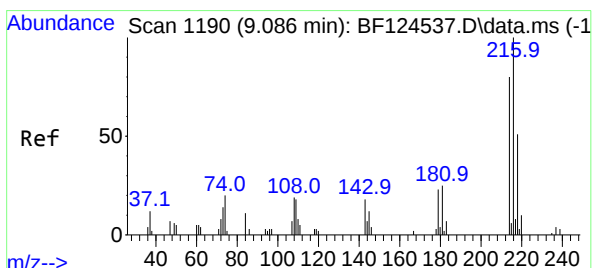
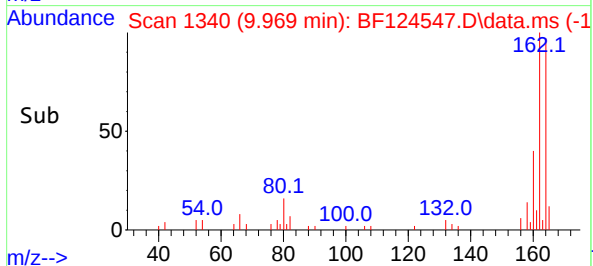
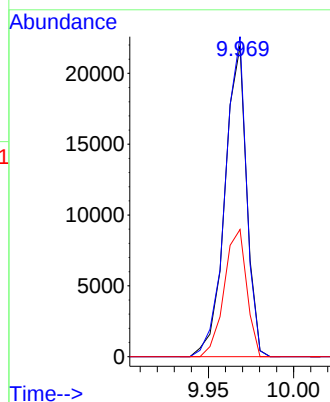
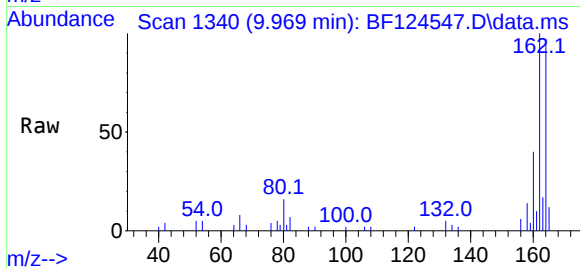
BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:164 Resp: 19467

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	41.0	38.0	57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.699 ng

RT: 9.086 min Scan# 1190

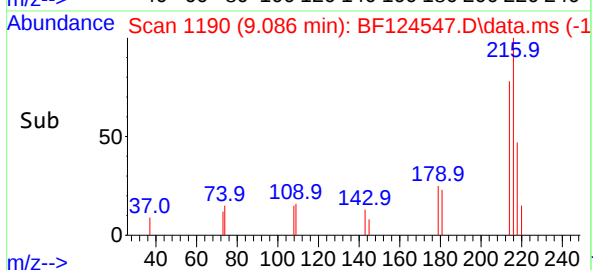
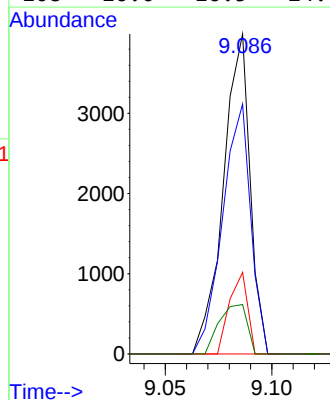
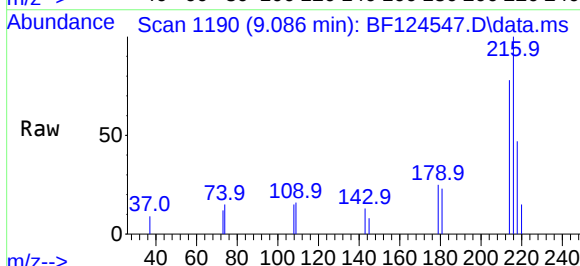
Delta R.T. -0.000 min

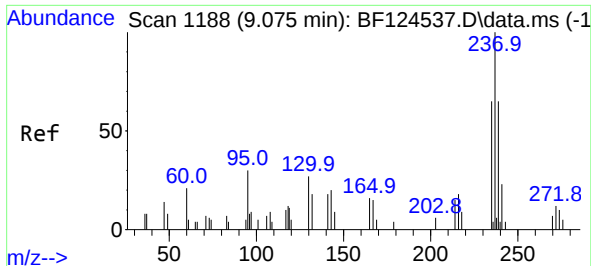
Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

Tgt Ion:216 Resp: 3478

Ion	Ratio	Lower	Upper
216	100		
214	82.1	64.9	97.3
179	17.3	17.4	26.2#
108	16.0	16.5	24.7#

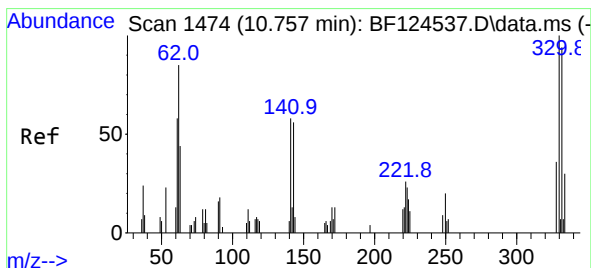
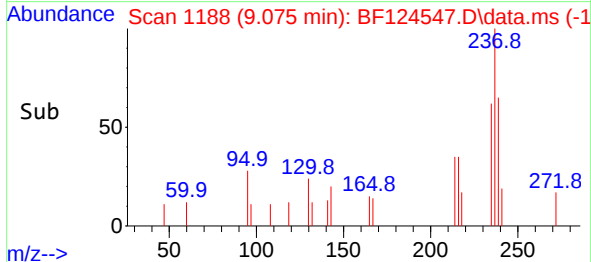
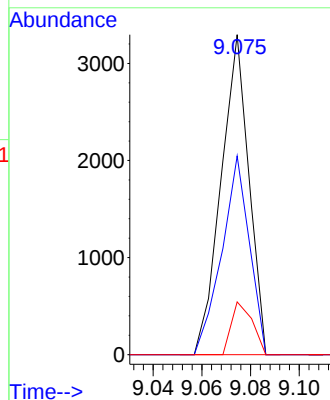
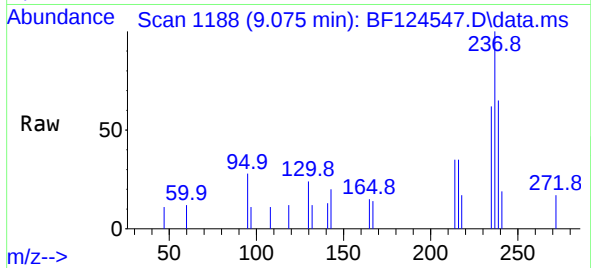




#41
Hexachlorocyclopentadiene
Concen: 8.047 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

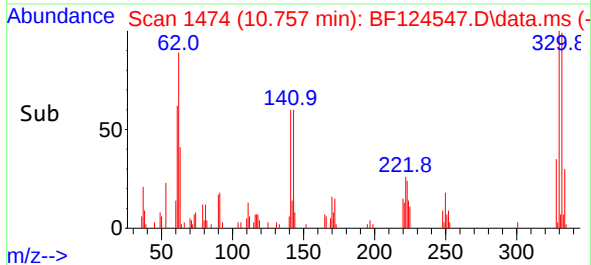
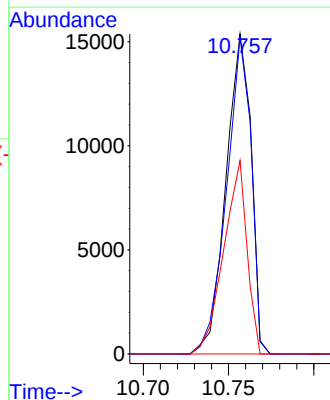
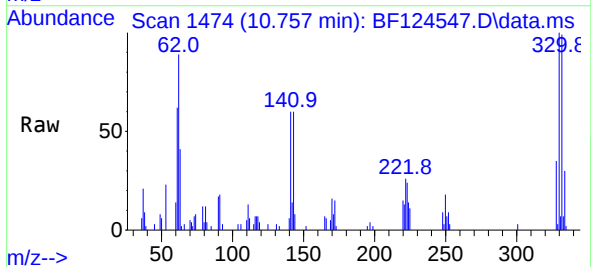
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

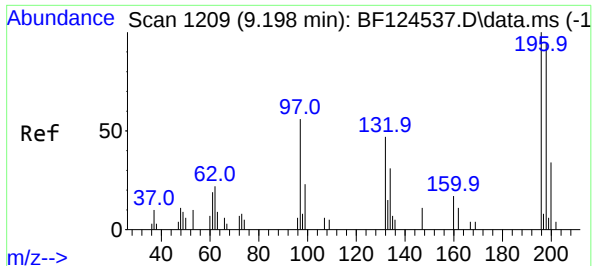
Tgt Ion:	237	Resp:	2610
Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.7	84.7
272	16.5	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 104.014 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:	330	Resp:	15757
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	56.1	44.6	66.8

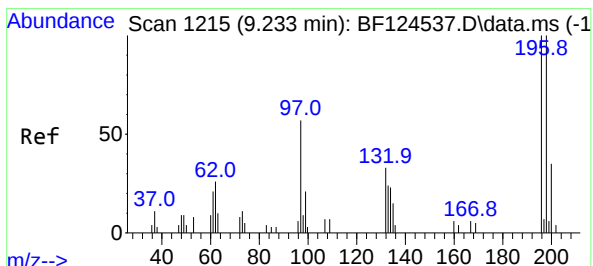
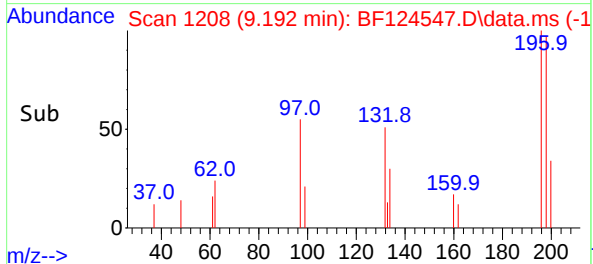
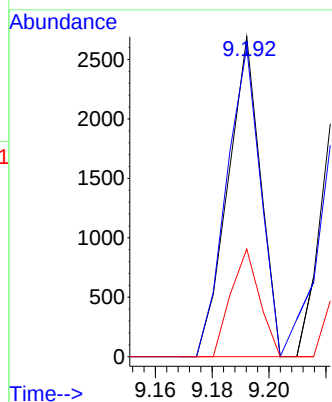
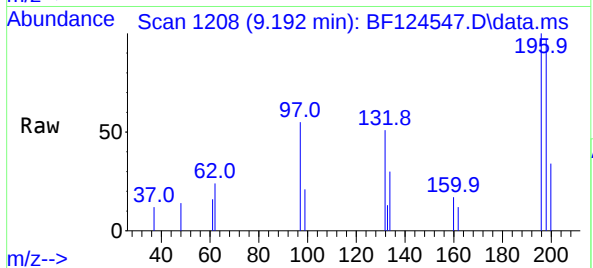




#43
2,4,6-Trichlorophenol
Concen: 5.730 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

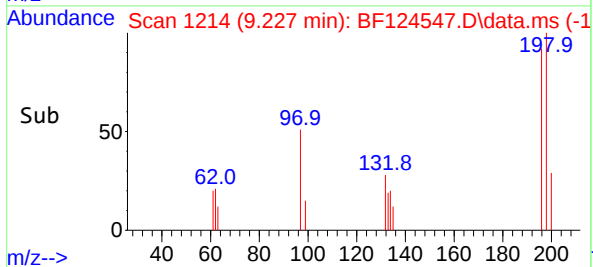
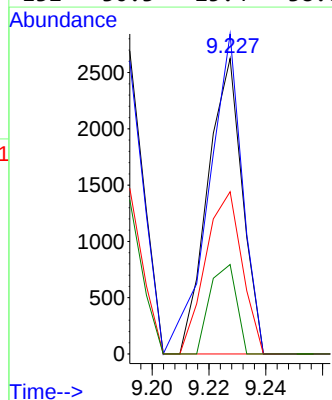
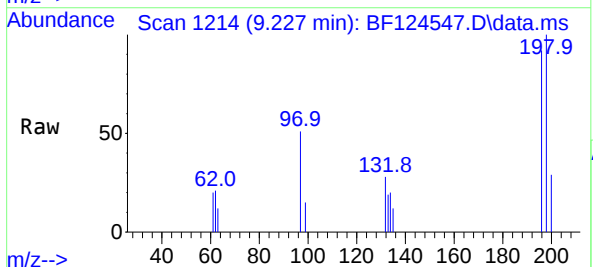
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

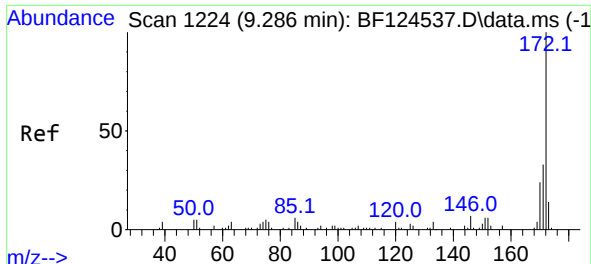
Tgt Ion:196 Resp: 2148
Ion Ratio Lower Upper
196 100
198 96.7 74.9 112.3
200 33.7 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 5.745 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:196 Resp: 2221
Ion Ratio Lower Upper
196 100
198 108.3 80.2 120.2
97 54.9 44.0 66.0
132 30.3 25.4 38.0

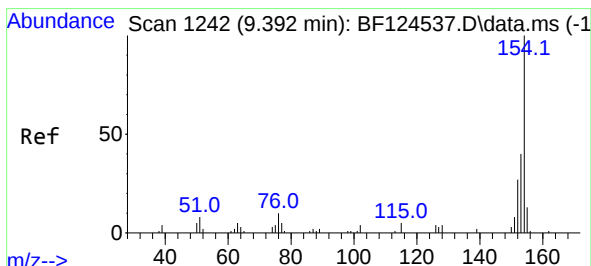
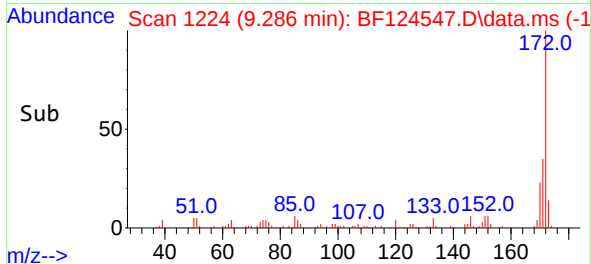
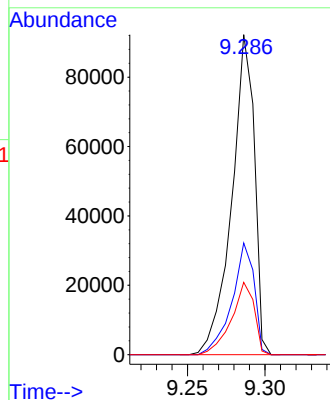
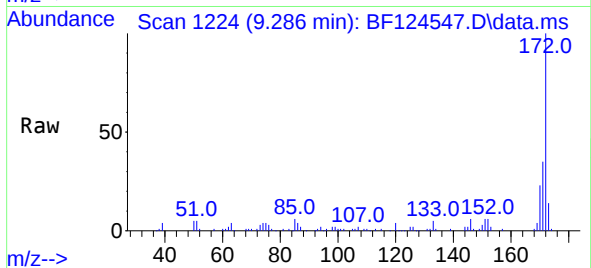




#45
2-Fluorobiphenyl
Concen: 70.056 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

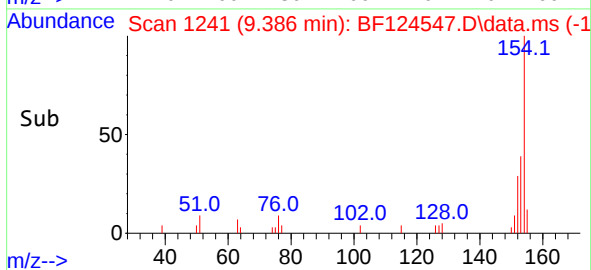
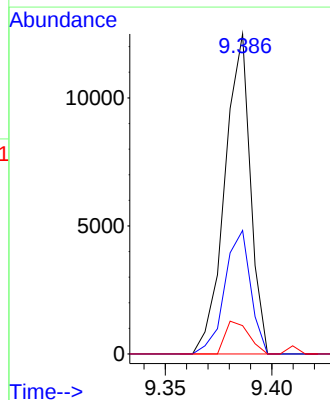
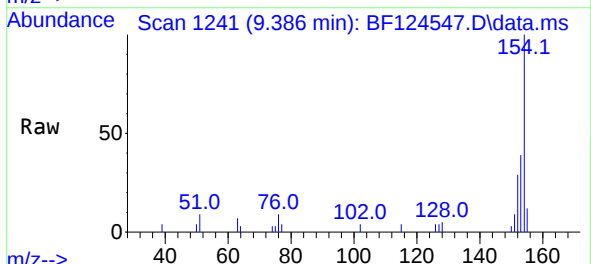
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

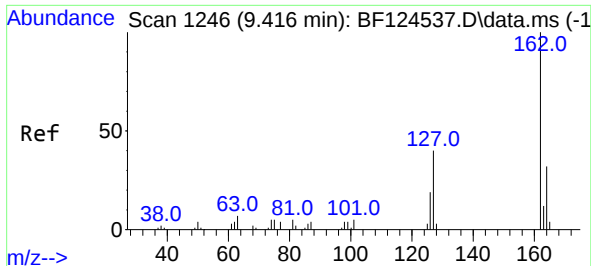
Tgt Ion:172 Resp: 93522
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 7.038 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:154 Resp: 10405
Ion Ratio Lower Upper
154 100
153 38.6 20.0 60.0
76 8.9 0.0 30.3



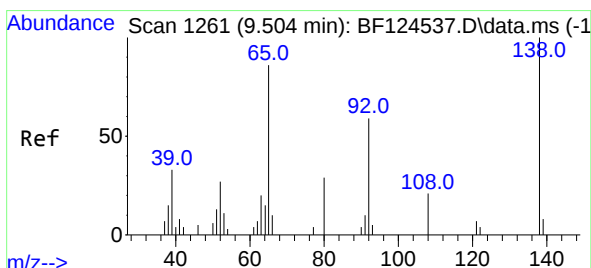
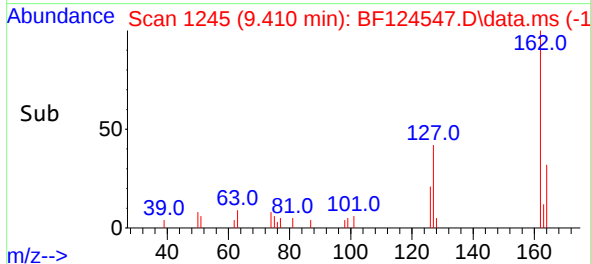
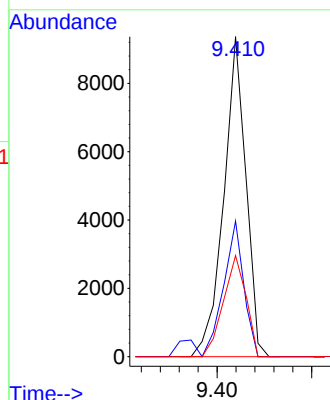
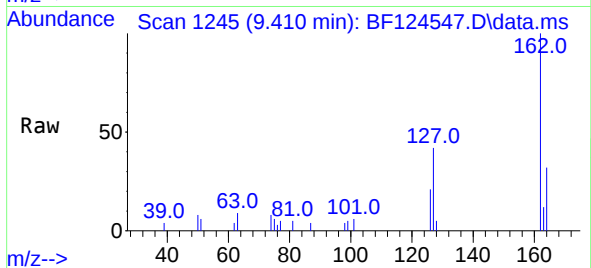


#47
2-Chloronaphthalene
Concen: 6.551 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:162 Resp: 7594

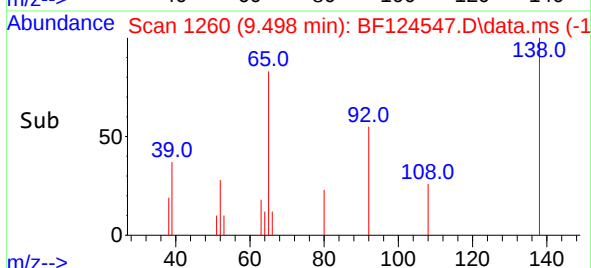
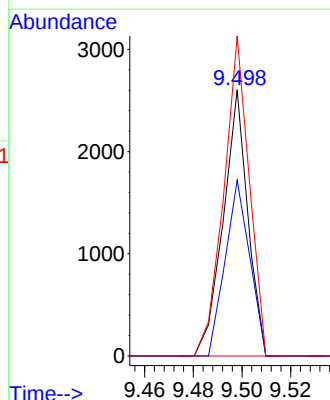
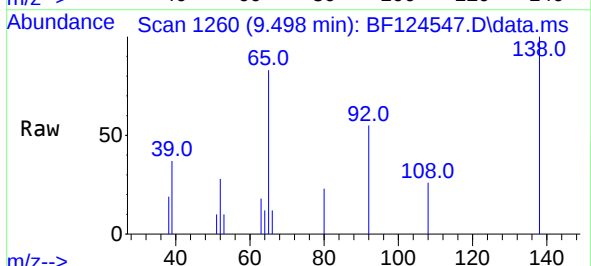
Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.0	49.4
164	31.6	25.8	38.8

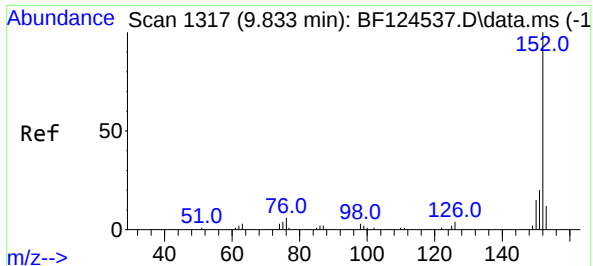


#48
2-Nitroaniline
Concen: 6.561 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion: 65 Resp: 1829

Ion	Ratio	Lower	Upper
65	100		
92	66.0	55.5	83.3
138	120.2	93.5	140.3

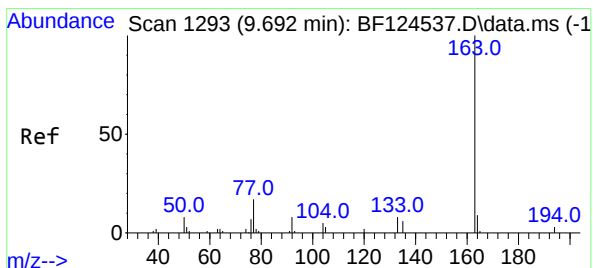
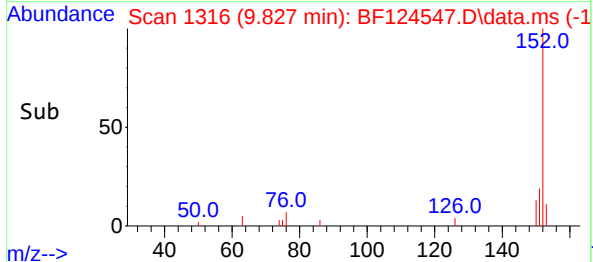
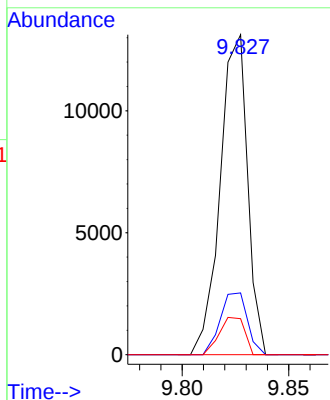
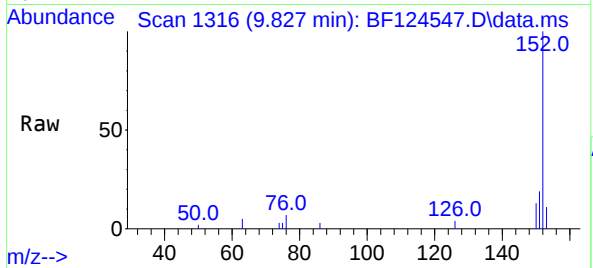




#49
Acenaphthylene
Concen: 6.474 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

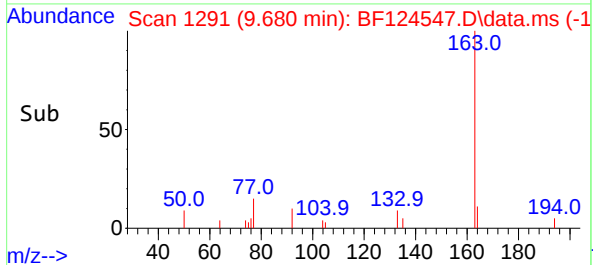
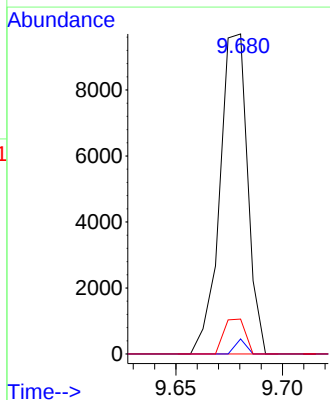
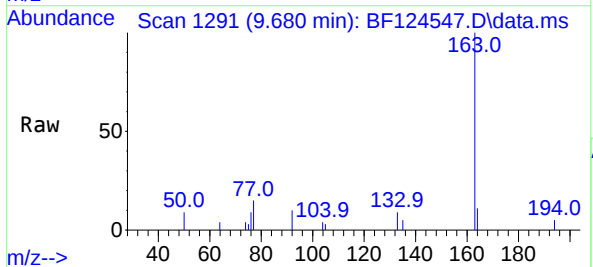
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

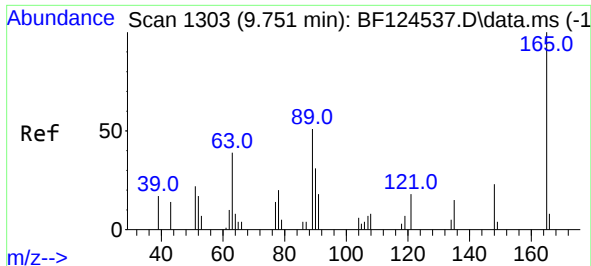
Tgt Ion:152 Resp: 11711
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 11.3 9.8 14.8



#50
Dimethylphthalate
Concen: 6.495 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:163 Resp: 8797
Ion Ratio Lower Upper
163 100
194 4.7 2.6 3.8#
164 10.9 7.4 11.0

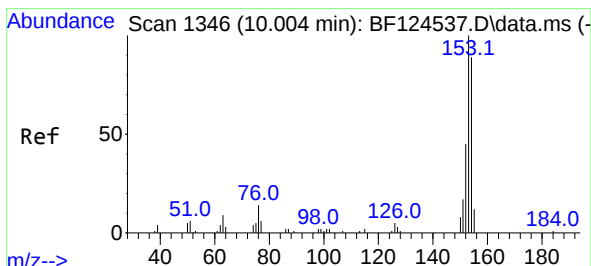
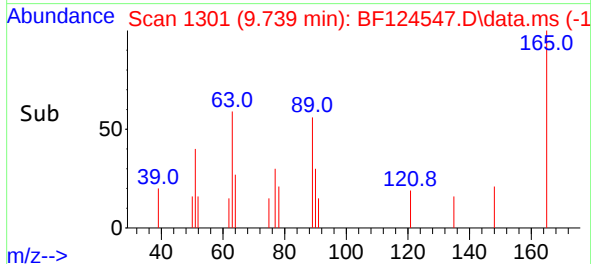
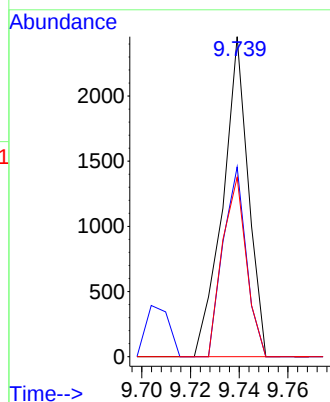
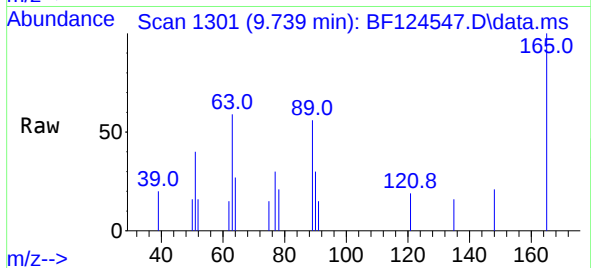




#51
2,6-Dinitrotoluene
Concen: 6.682 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

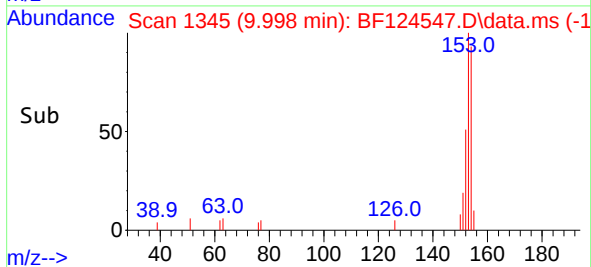
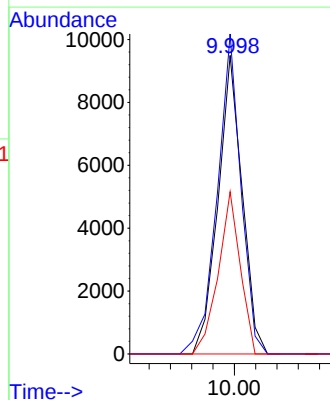
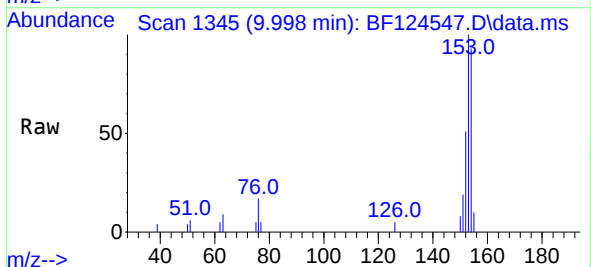
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

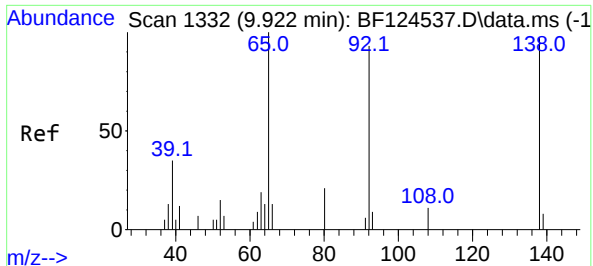
Tgt Ion:165 Resp: 1784
Ion Ratio Lower Upper
165 100
63 59.3 42.6 63.8
89 56.1 40.6 60.8



#52
Acenaphthene
Concen: 6.450 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:154 Resp: 7461
Ion Ratio Lower Upper
154 100
153 107.2 89.4 134.2
152 54.3 40.5 60.7

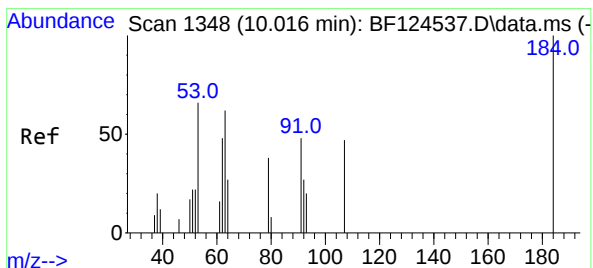
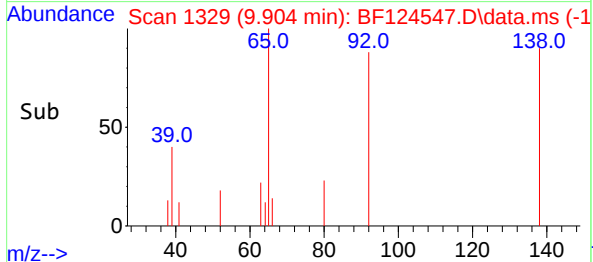
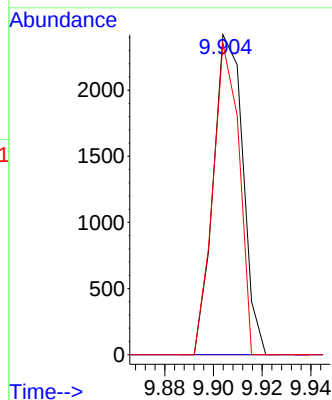
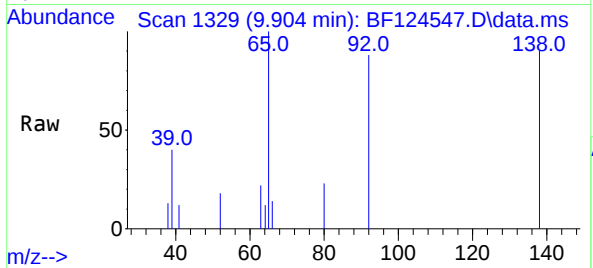




#53
3-Nitroaniline
Concen: 6.860 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

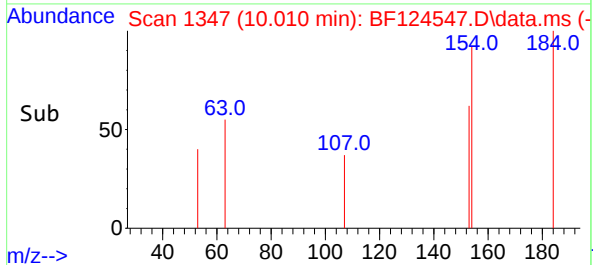
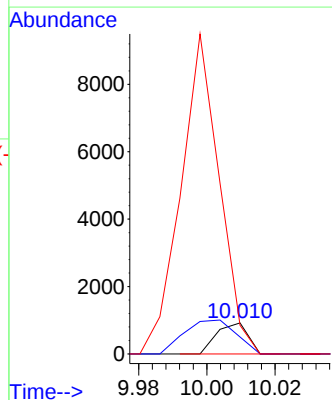
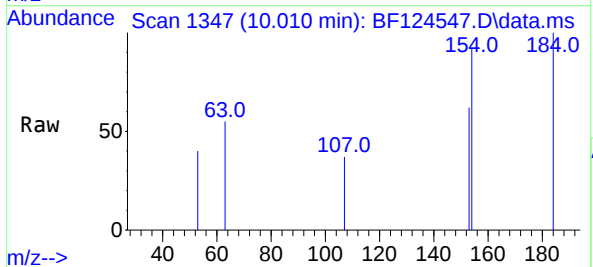
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

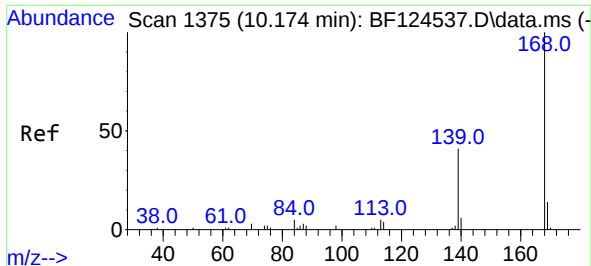
Tgt Ion:138 Resp: 2044
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 97.3 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 4.199 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:184 Resp: 585
Ion Ratio Lower Upper
184 100
63 54.7 59.3 88.9#
154 92.2 68.6 102.8

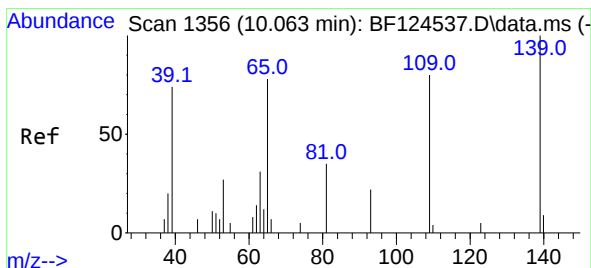
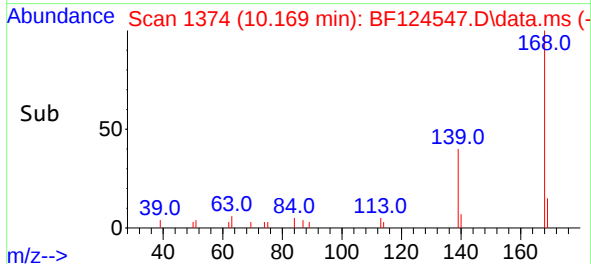
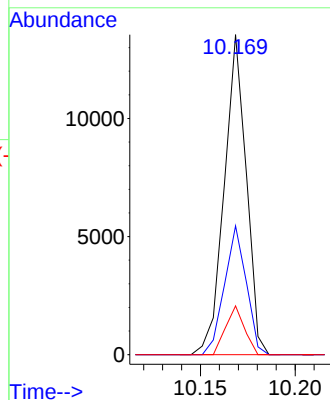
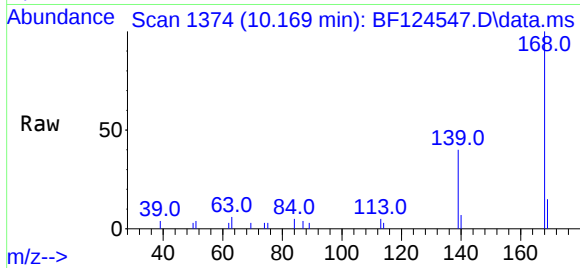




#55
Dibenzenofuran
Concen: 6.433 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

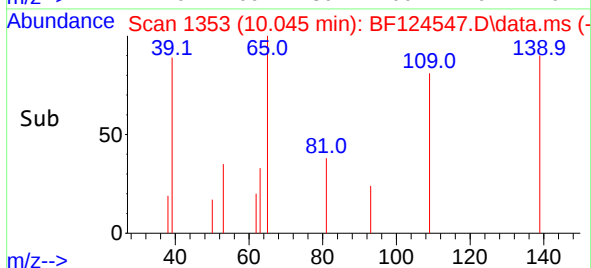
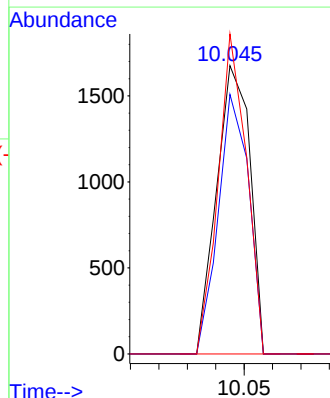
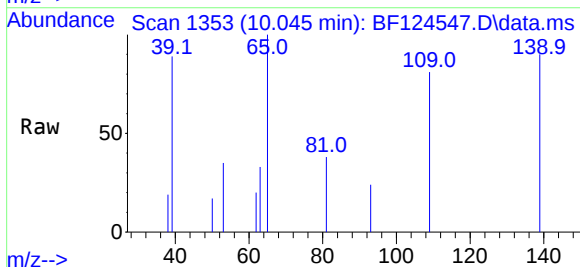
Instrument :
BNA_F
ClientSampleId :
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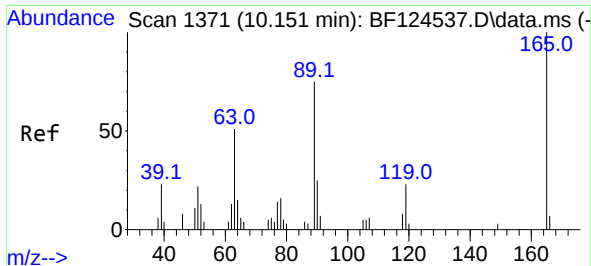
Tgt Ion:168 Resp: 10940
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 15.3 11.2 16.8



#56
4-Nitrophenol
Concen: 5.525 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:139 Resp: 1370
Ion Ratio Lower Upper
139 100
109 90.0 60.4 100.4
65 111.0 58.4 98.4#

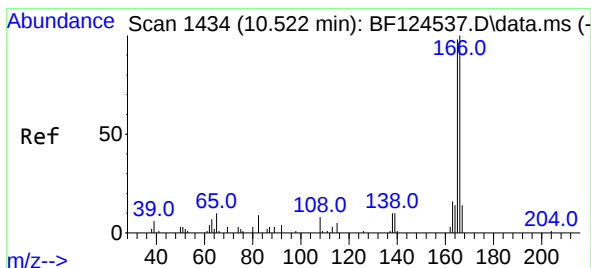
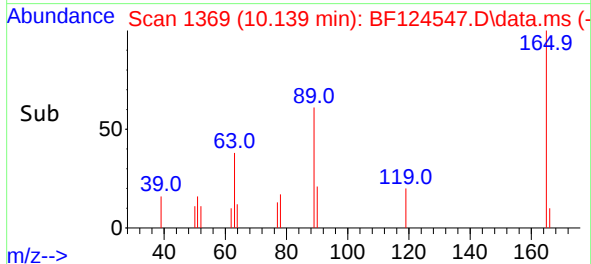
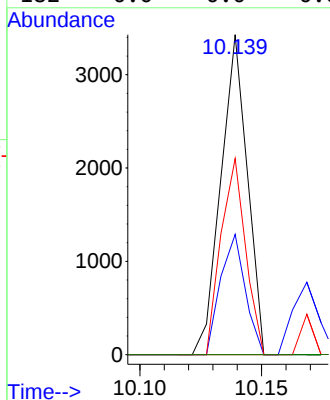
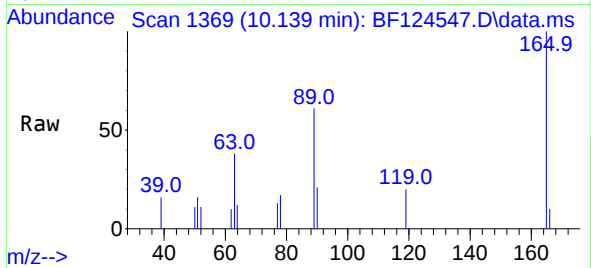




#57
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

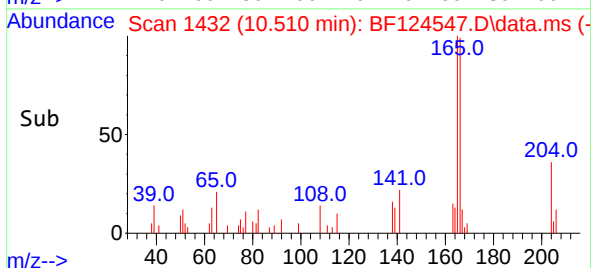
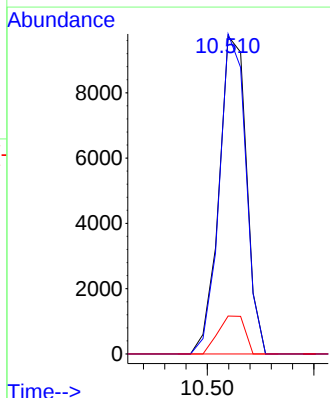
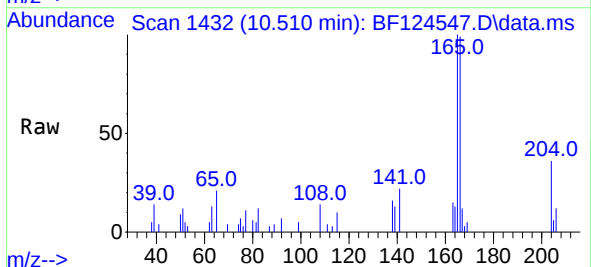
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

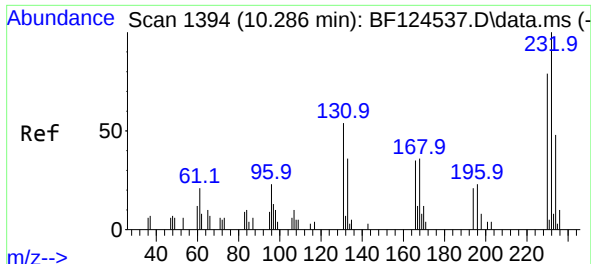
Tgt Ion:165	Resp:	2592
Ion Ratio	Lower	Upper
165	100	
63	37.6	40.9 61.3#
89	61.3	59.7 89.5
182	0.0	0.0 0.0



#58
Fluorene
Concen: 6.625 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:166	Resp:	8715
Ion Ratio	Lower	Upper
166	100	
165	100.7	78.1 117.1
167	11.9	11.1 16.7



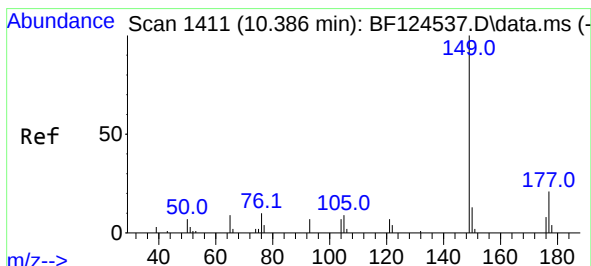
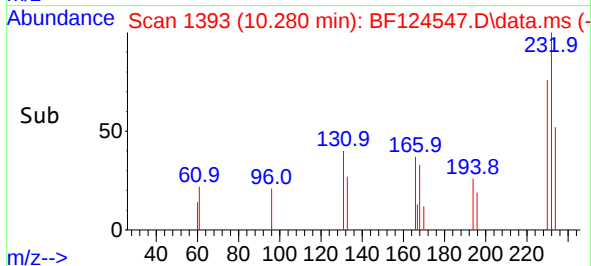
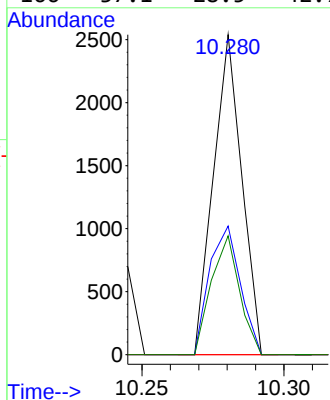
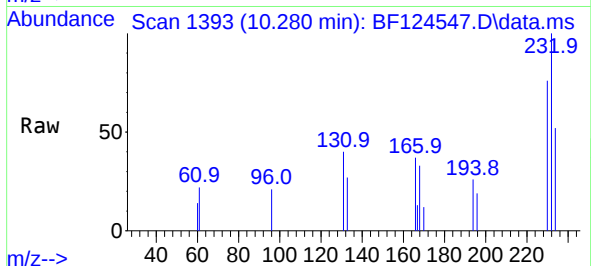


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.902 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:232 Resp: 1762

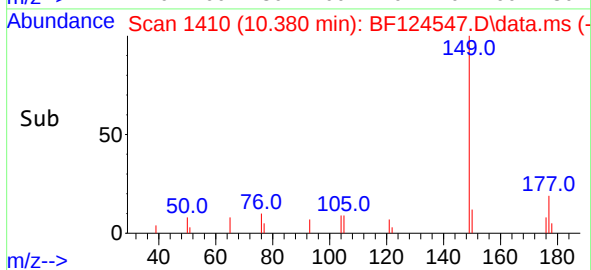
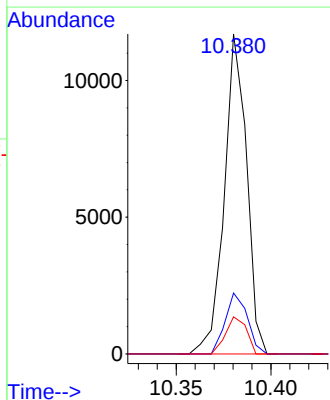
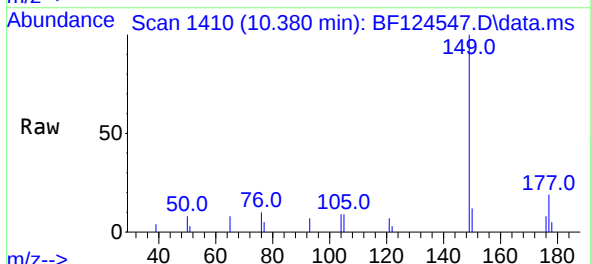
Ion	Ratio	Lower	Upper
232	100		
131	43.8	45.4	68.0#
130	0.0	0.0	0.0
166	37.1	28.5	42.7

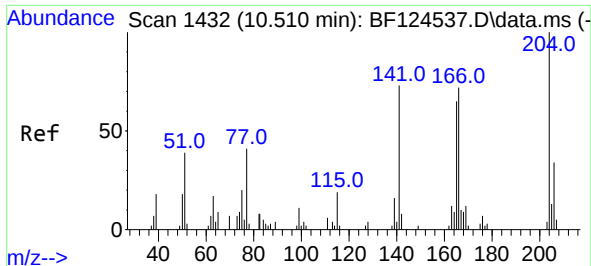


#60
Diethylphthalate
Concen: 6.759 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:149 Resp: 9572

Ion	Ratio	Lower	Upper
149	100		
177	19.0	16.5	24.7
150	11.6	10.1	15.1

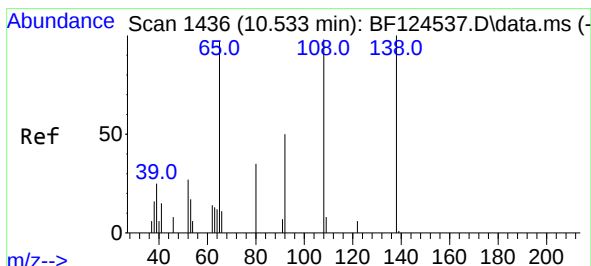
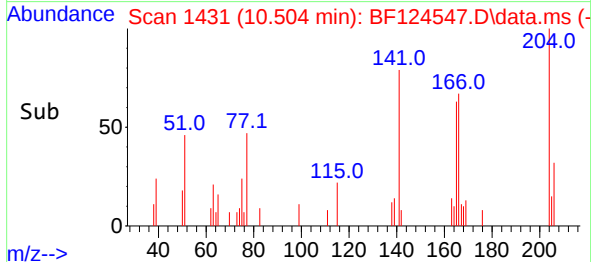
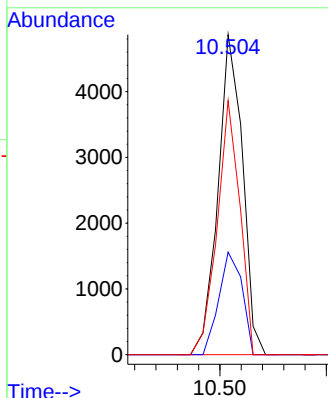
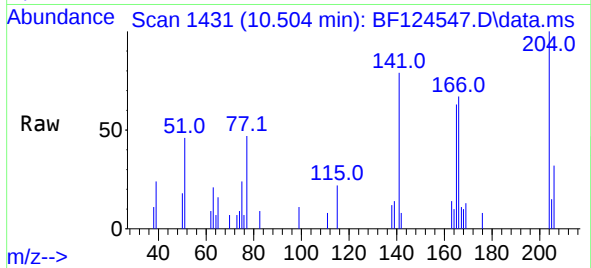




#61
4-Chlorophenyl-phenylether
Concen: 6.525 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

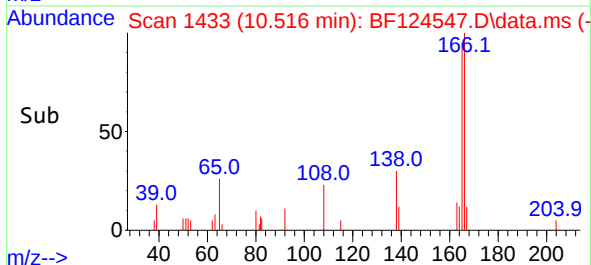
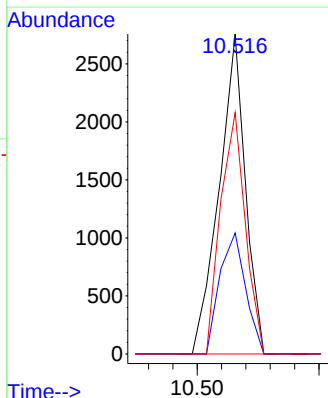
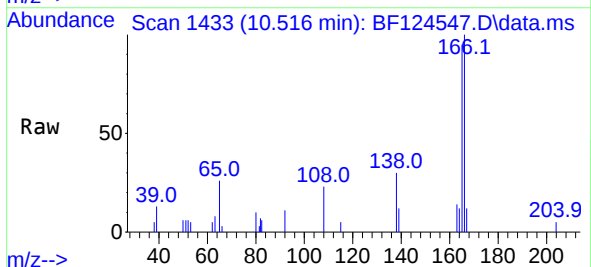
Instrument :
BNA_F
ClientSampleId :
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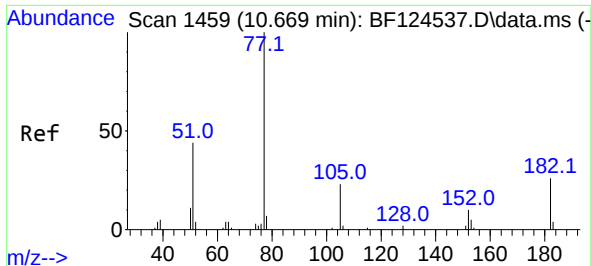
Tgt Ion:204	Resp:	3896
Ion Ratio	Lower	Upper
204	100	
206	32.1	27.6 41.4
141	79.4	58.6 88.0



#62
4-Nitroaniline
Concen: 6.870 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:138	Resp:	2063
Ion Ratio	Lower	Upper
138	100	
92	37.8	29.6 69.6
108	75.5	78.1 118.1#

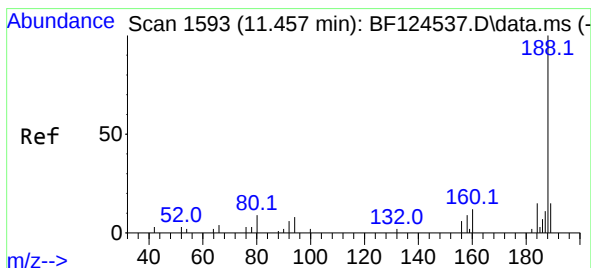
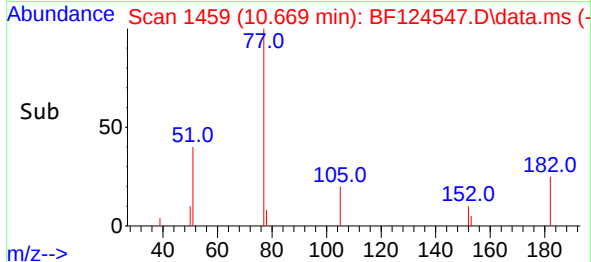
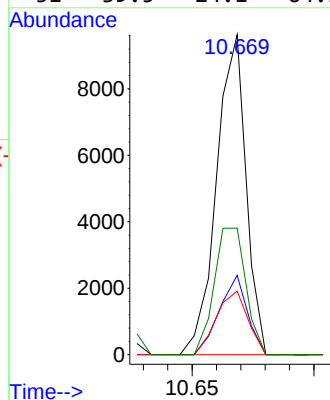
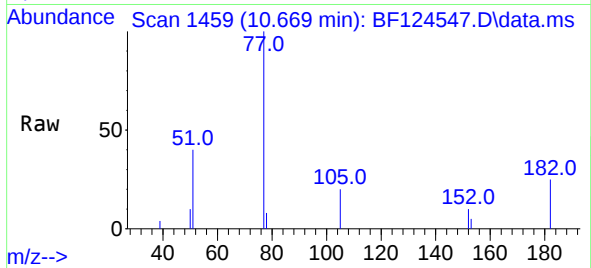




#63
Azobenzene
Concen: 6.548 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

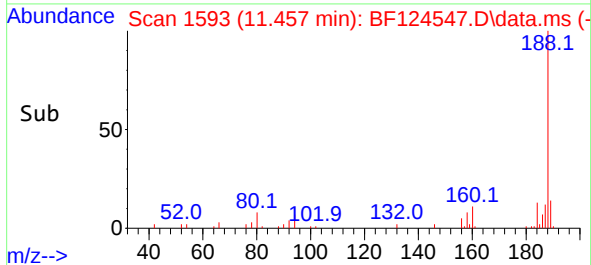
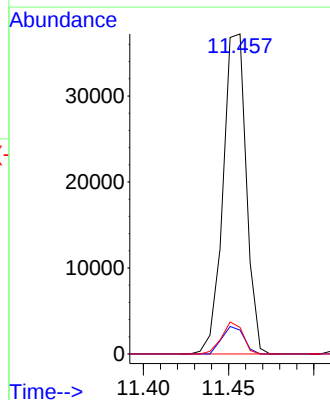
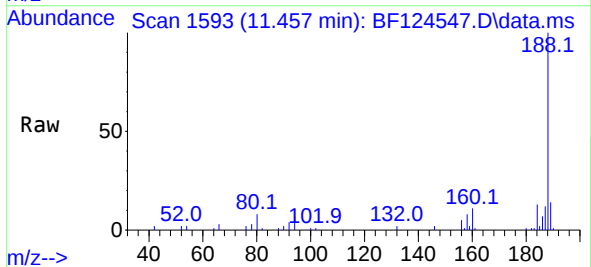
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

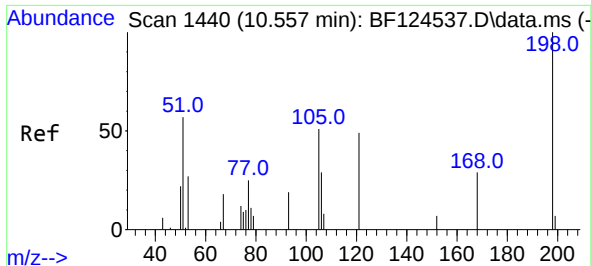
Tgt Ion: 77	Resp: 8106
Ion Ratio	Lower Upper
77 100	
182 24.8	6.3 46.3
105 19.9	2.9 42.9
51 39.5	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:188	Resp:	35310	
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.3	7.5	11.3

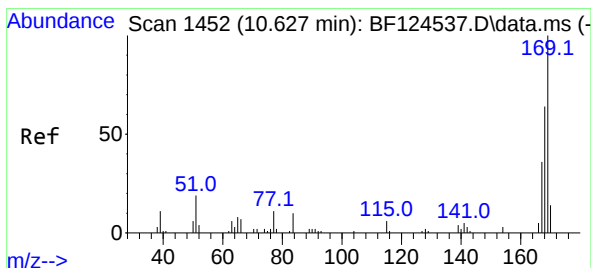
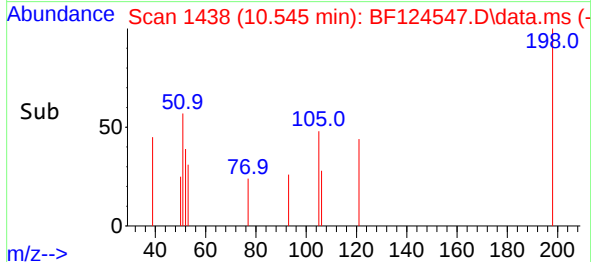
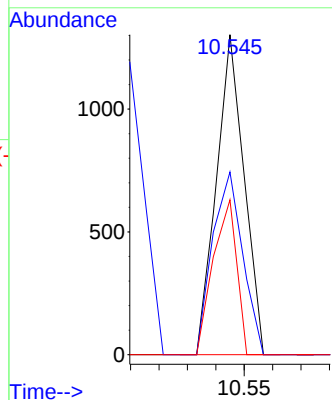
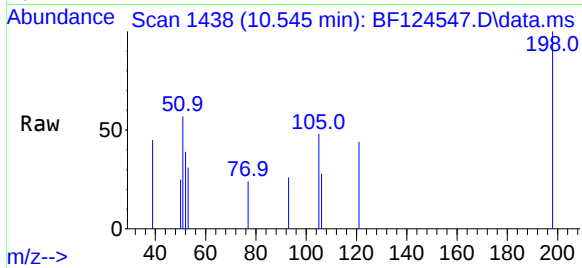




#65
4,6-Dinitro-2-methylphenol
Concen: 4.378 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

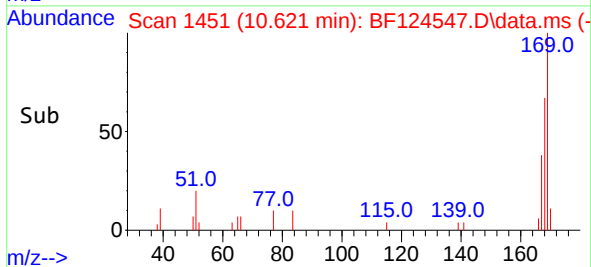
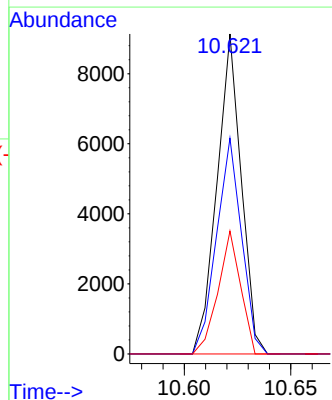
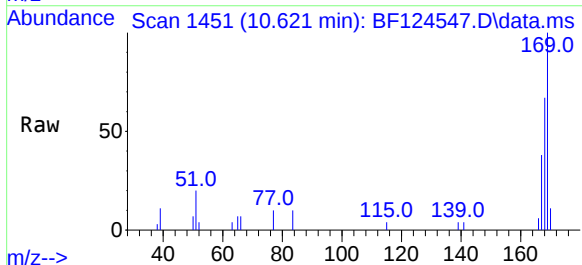
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

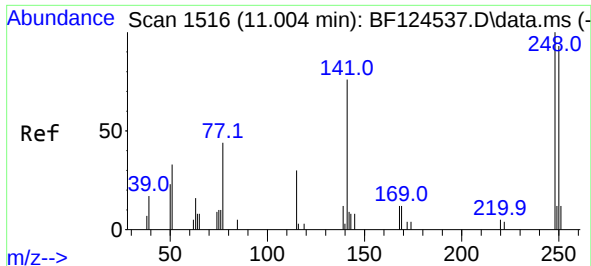
Tgt Ion:198 Resp: 883
Ion Ratio Lower Upper
198 100
51 57.1 45.3 85.3
105 48.4 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 6.313 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:169 Resp: 7258
Ion Ratio Lower Upper
169 100
168 67.5 50.8 76.2
167 38.4 28.8 43.2

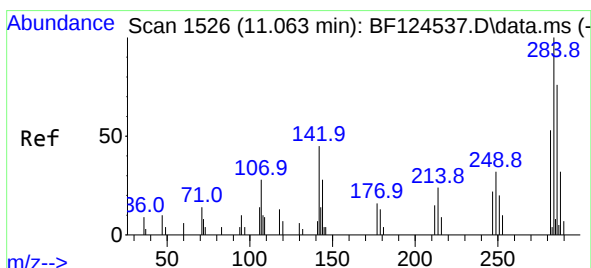
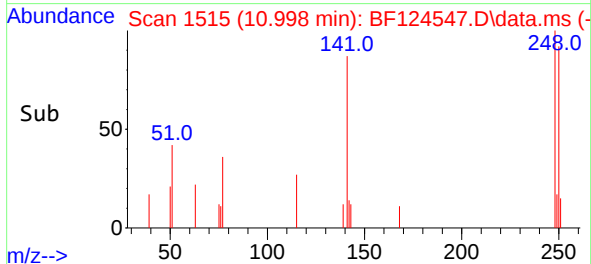
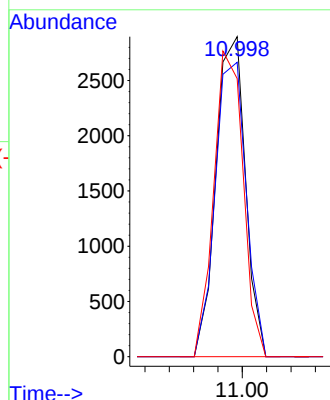
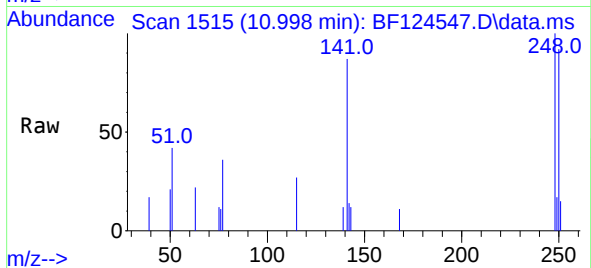




#67
4-Bromophenyl-phenylether
Concen: 6.661 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

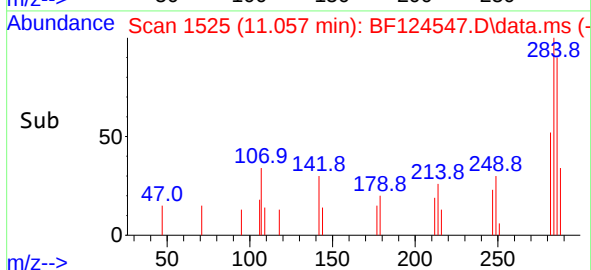
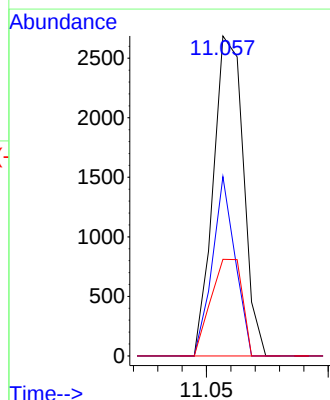
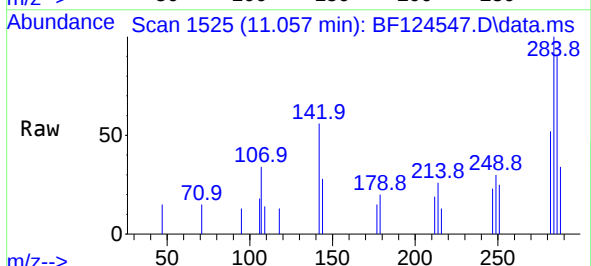
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:248 Resp: 2432
Ion Ratio Lower Upper
248 100
250 92.0 74.2 111.4
141 86.9 60.4 90.6



#68
Hexachlorobenzene
Concen: 6.162 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:284 Resp: 2305
Ion Ratio Lower Upper
284 100
142 56.0 36.4 54.6#
249 30.2 25.6 38.4

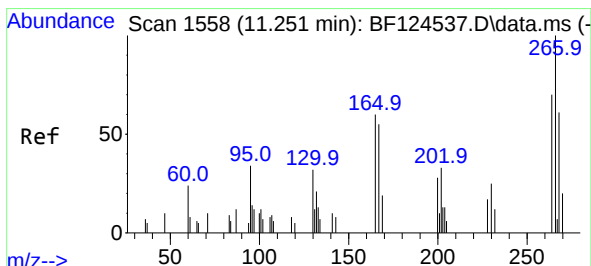
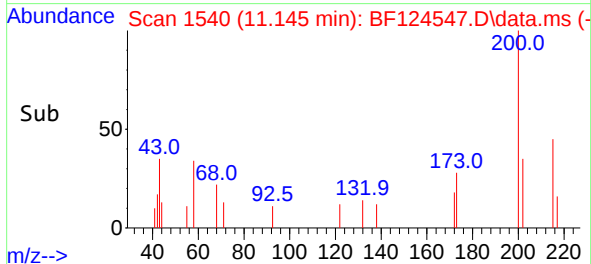
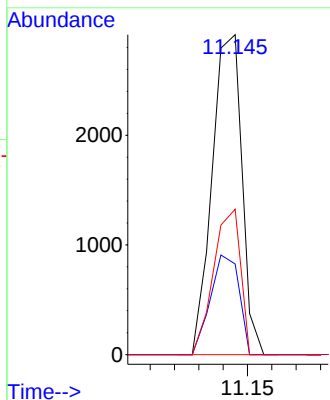
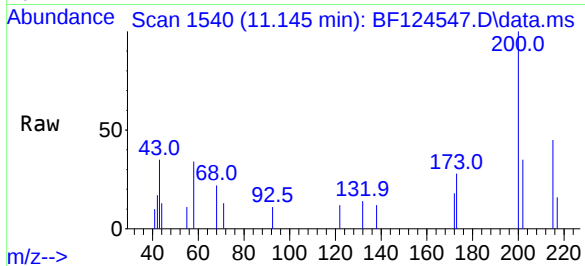




#69
Atrazine
Concen: 7.040 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

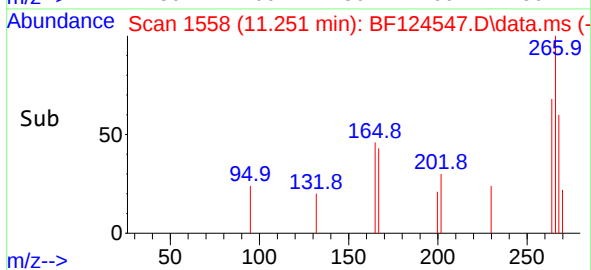
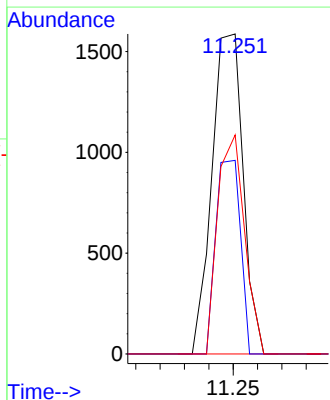
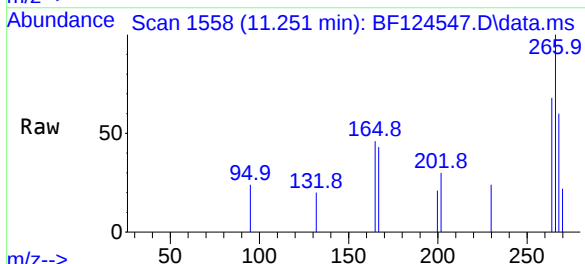
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

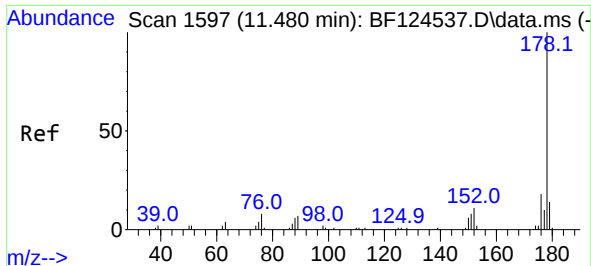
Tgt Ion:	200	Resp:	2479
Ion	Ratio	Lower	Upper
200	100		
173	28.3	11.1	51.1
215	45.4	22.7	62.7



#70
Pentachlorophenol
Concen: 5.980 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:	266	Resp:	1415
Ion	Ratio	Lower	Upper
266	100		
268	60.5	48.9	73.3
264	68.4	55.9	83.9

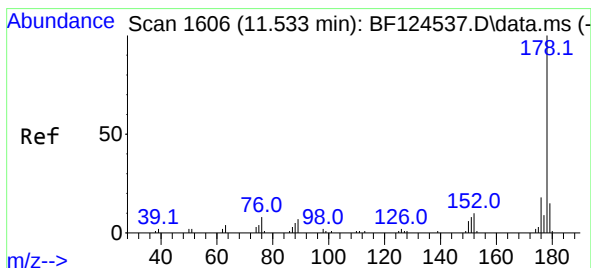
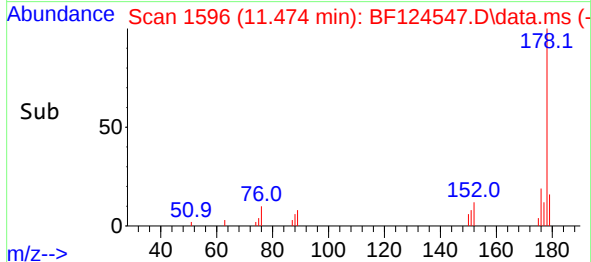
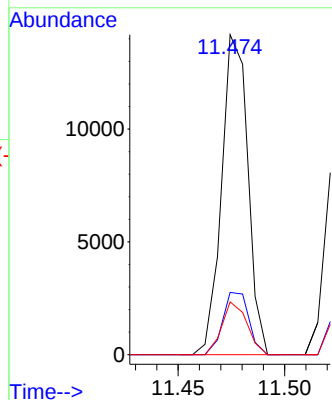
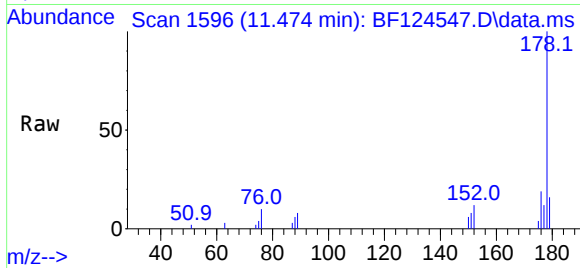




#71
Phenanthrene
Concen: 6.311 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

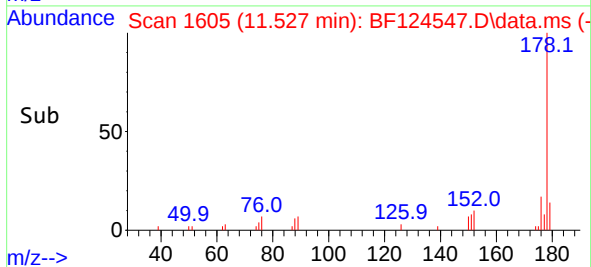
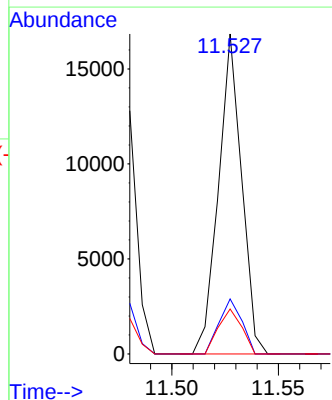
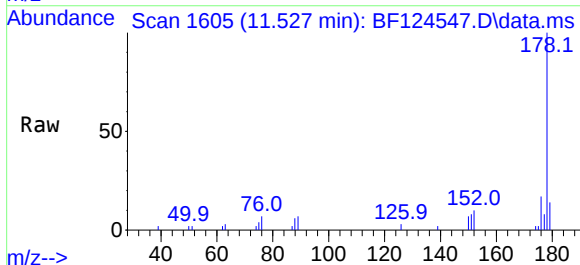
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

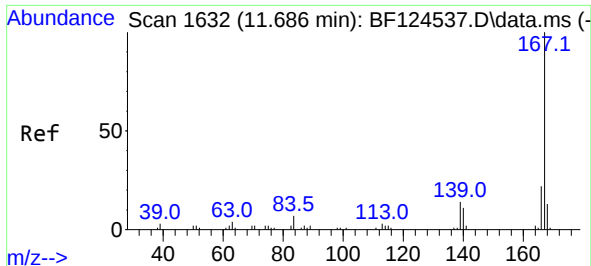
Tgt Ion:178 Resp: 12157
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 16.5 11.5 17.3



#72
Anthracene
Concen: 6.576 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

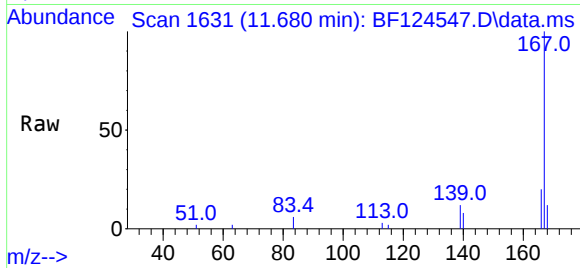
Tgt Ion:178 Resp: 12708
Ion Ratio Lower Upper
178 100
176 17.2 14.3 21.5
179 14.0 12.2 18.4



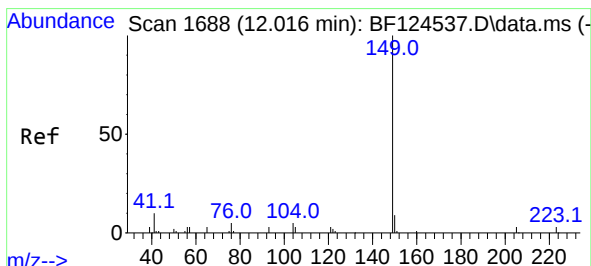
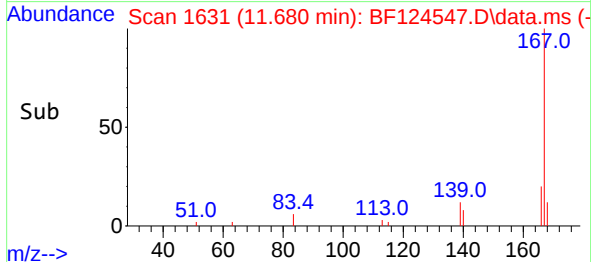
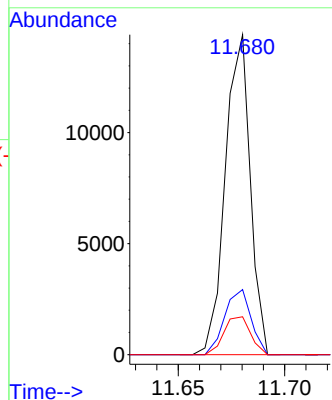


#73
 Carbazole
 Concen: 6.564 ng
 RT: 11.680 min Scan# 1631
 Delta R.T. -0.006 min
 Lab File: BF124547.D
 Acq: 13 Jul 2021 15:18

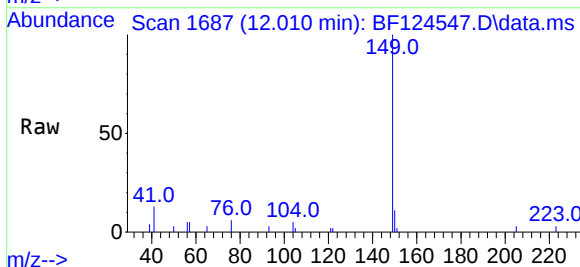
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



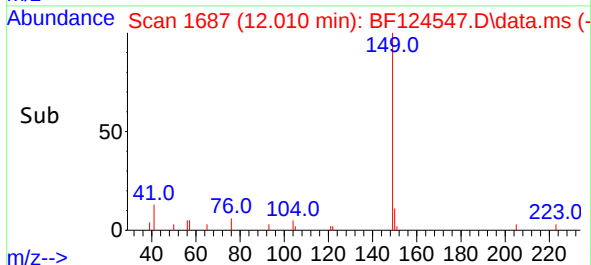
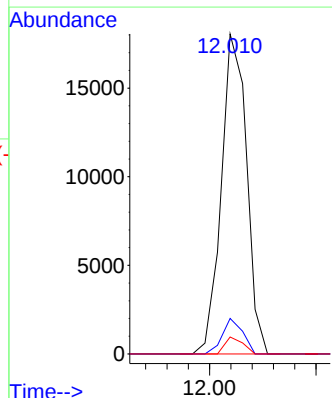
Tgt Ion:167 Resp: 11721
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.4 26.0
 139 11.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 6.191 ng
 RT: 12.010 min Scan# 1687
 Delta R.T. -0.006 min
 Lab File: BF124547.D
 Acq: 13 Jul 2021 15:18



Tgt Ion:149 Resp: 14893
 Ion Ratio Lower Upper
 149 100
 150 11.1 7.4 11.2
 104 5.3 4.1 6.1

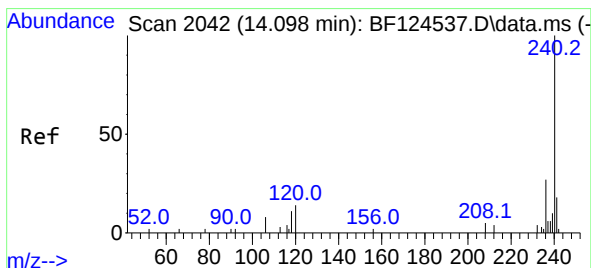
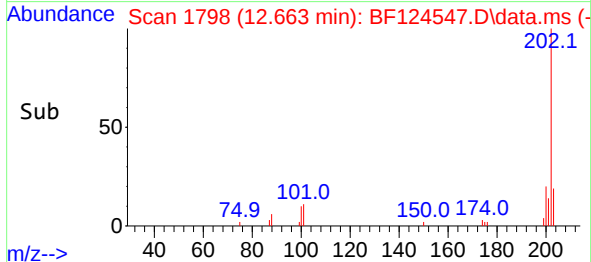
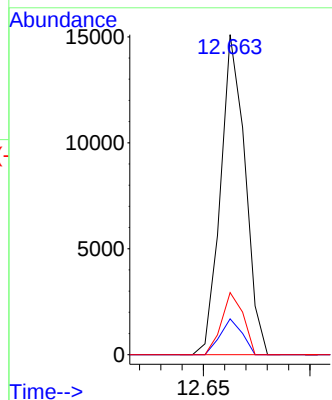
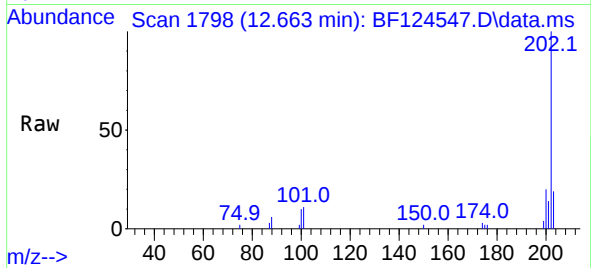




#75
Fluoranthene
Concen: 6.225 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

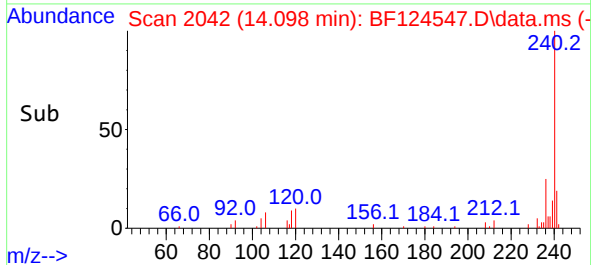
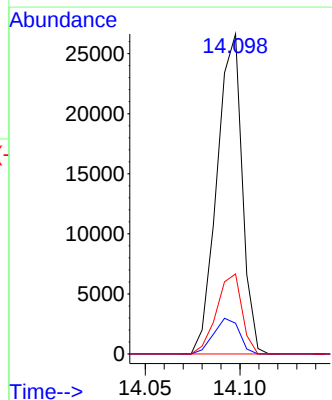
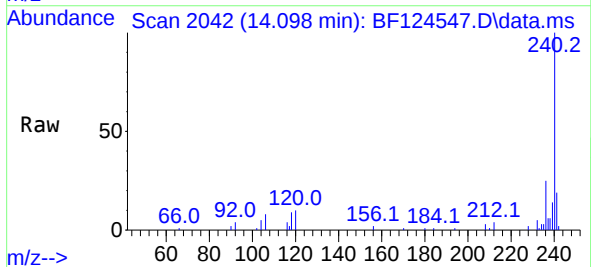
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:202	Resp:	12098
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 30.7
203	19.4	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:240	Resp:	24638
Ion Ratio	Lower	Upper
240	100	
120	9.6	10.8 16.2#
236	25.0	21.6 32.4

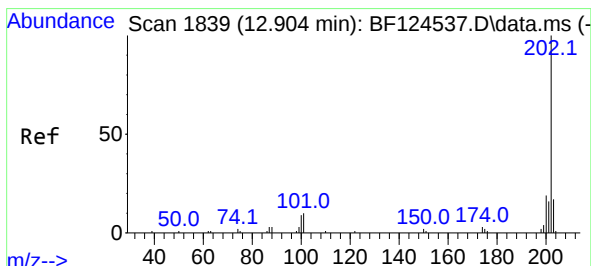
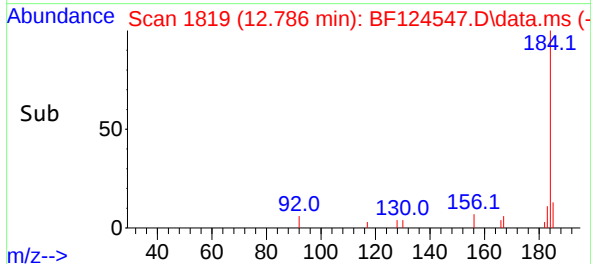
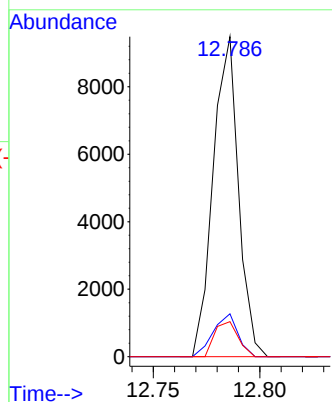
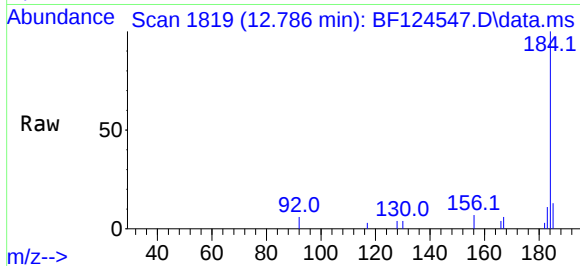




#77
Benzidine
Concen: 8.510 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

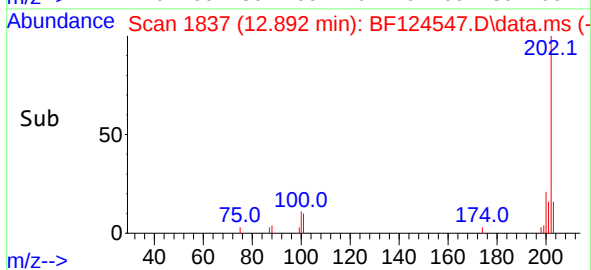
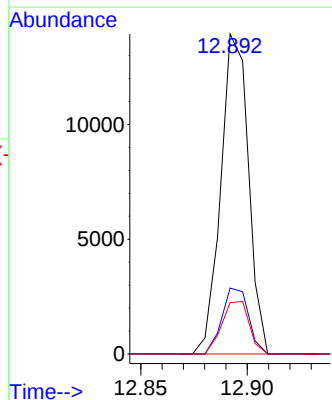
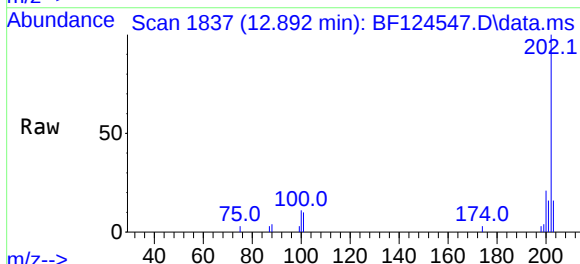
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

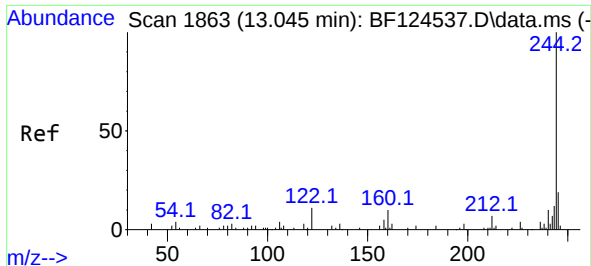
Tgt Ion:184	Resp:	7838
Ion Ratio	Lower	Upper
184	100	
185	13.4	10.8 16.2
183	11.0	8.1 12.1



#78
Pyrene
Concen: 6.141 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:202	Resp:	12571
Ion Ratio	Lower	Upper
202	100	
200	20.6	15.3 22.9
203	16.1	13.4 20.0



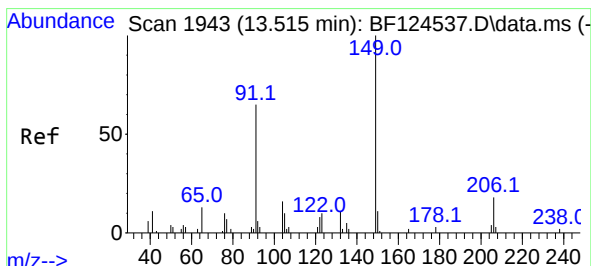
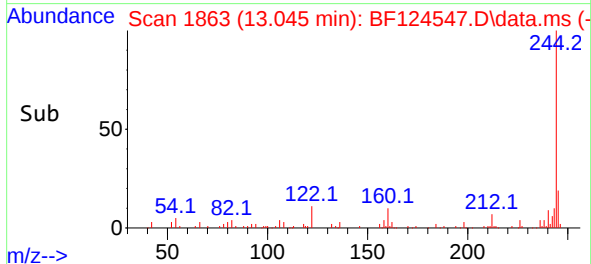
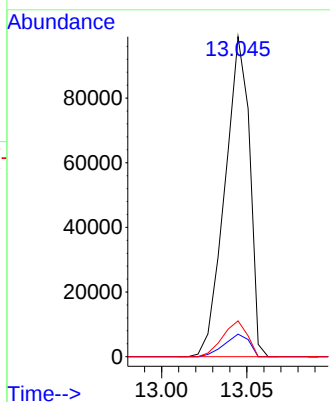
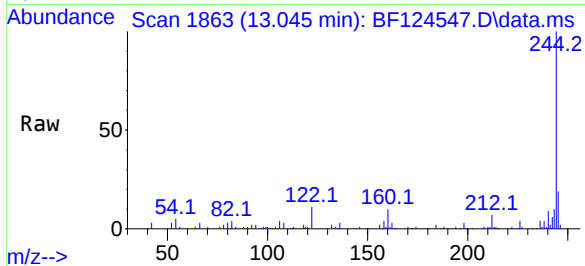


#79
Terphenyl-d14
Concen: 67.764 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:244 Resp: 99426

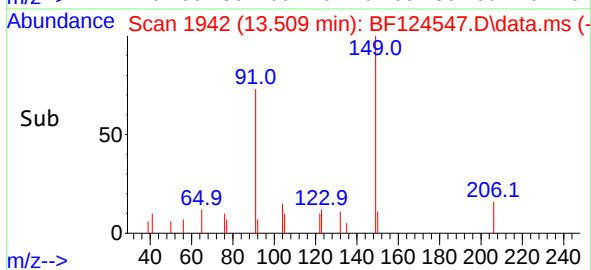
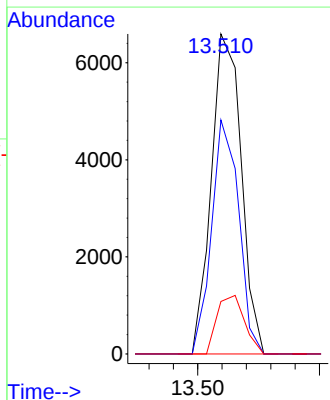
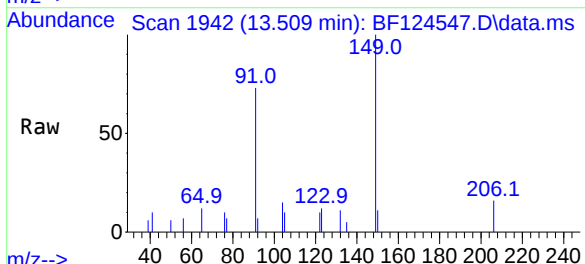
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.2	9.0	13.4

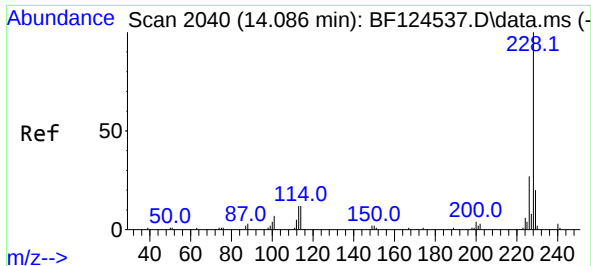


#80
Butylbenzylphthalate
Concen: 5.699 ng
RT: 13.509 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:149 Resp: 5641

Ion	Ratio	Lower	Upper
149	100		
91	73.1	51.8	77.8
206	16.4	14.5	21.7

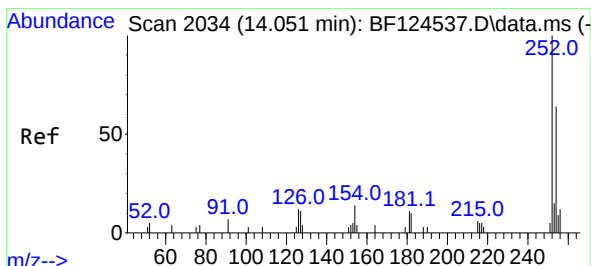
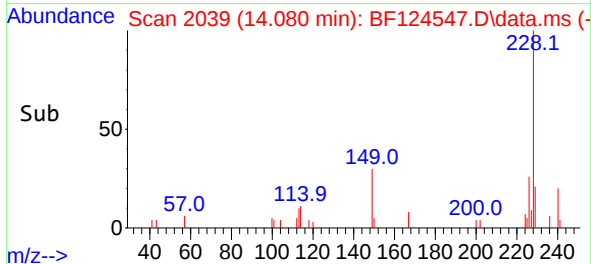
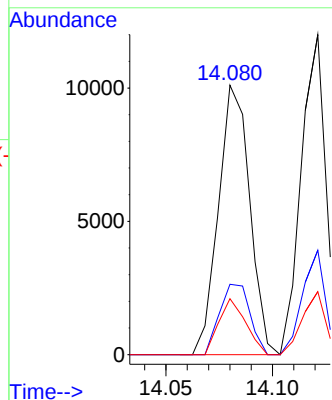
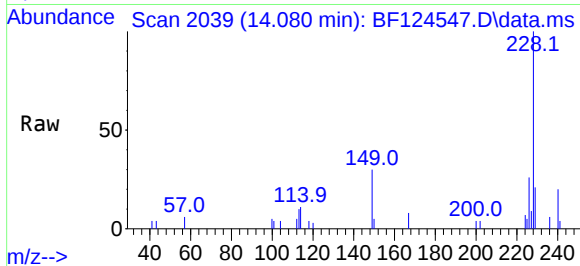




#81
Benzo(a)anthracene
Concen: 6.313 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

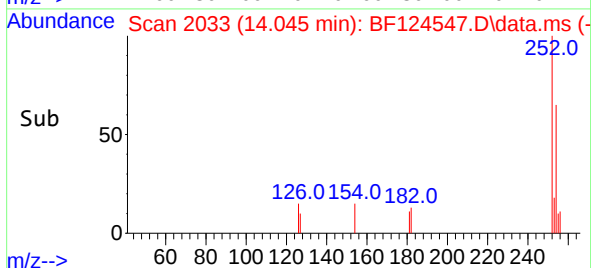
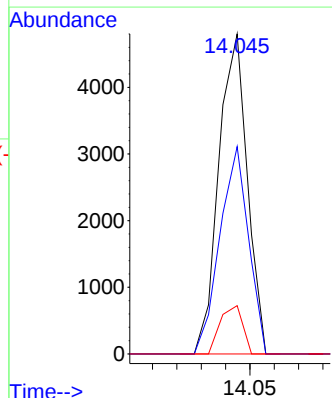
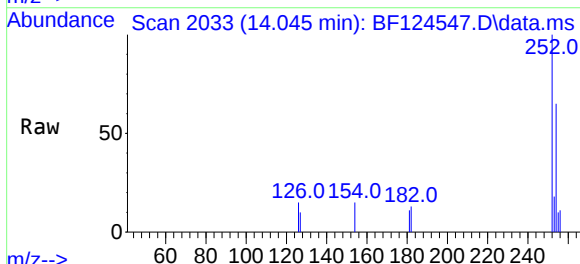
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

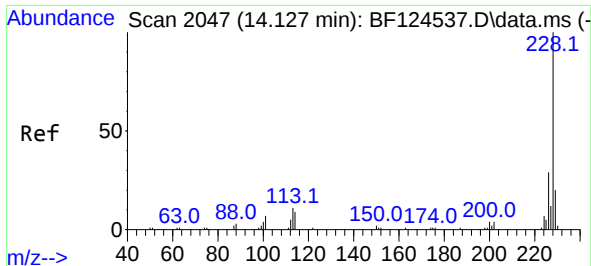
Tgt Ion:228	Resp: 10315
Ion Ratio	Lower Upper
228 100	
226 26.1	21.6 32.4
229 20.8	15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 9.126 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:252	Resp: 3906
Ion Ratio	Lower Upper
252 100	
254 64.8	51.4 77.0
126 15.1	9.5 14.3#

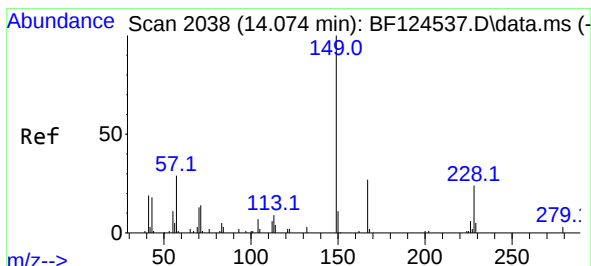
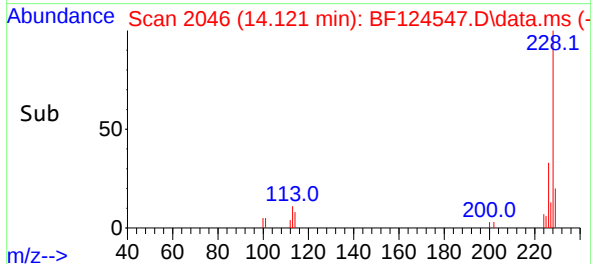
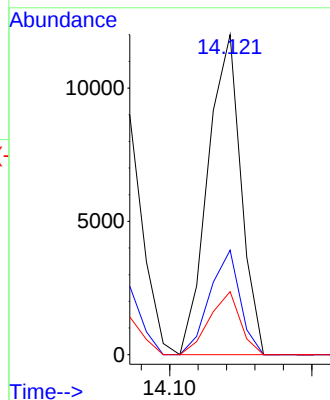
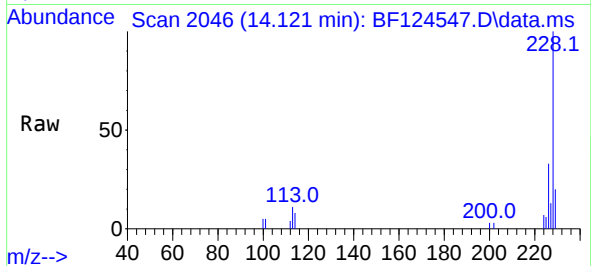




#83
Chrysene
Concen: 6.179 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

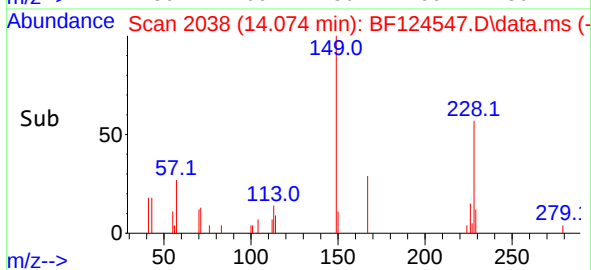
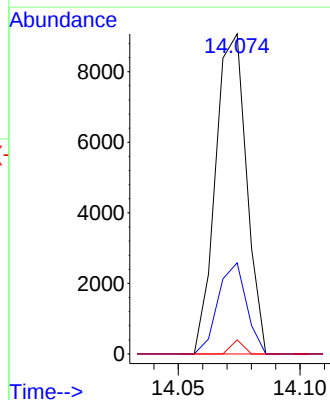
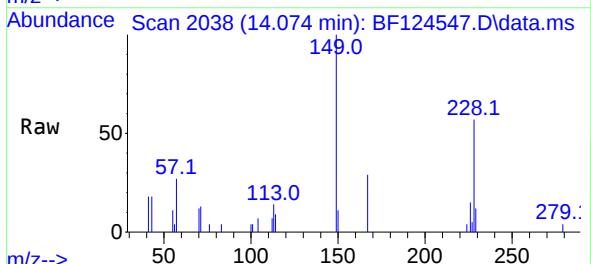
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

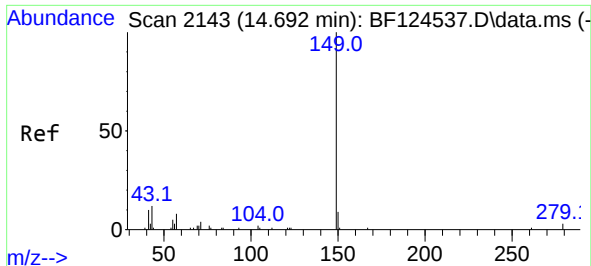
Tgt Ion:228	Resp:	9672
Ion Ratio	Lower	Upper
228	100	
226	32.7	22.6 34.0
229	19.7	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.034 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:149	Resp:	8018
Ion Ratio	Lower	Upper
149	100	
167	28.5	21.4 32.0
279	4.4	2.6 4.0#

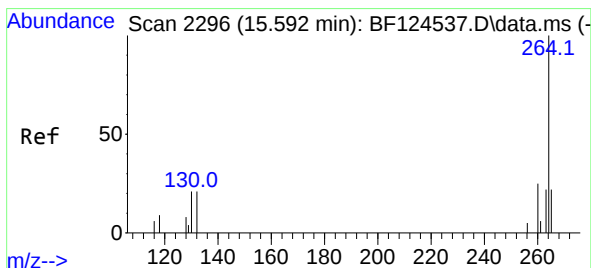
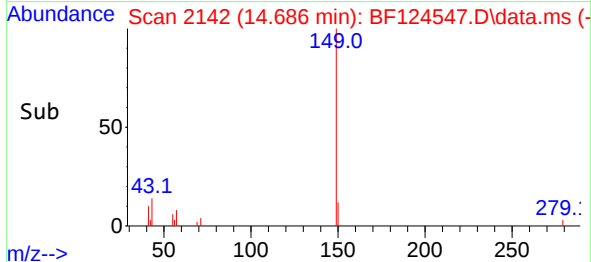
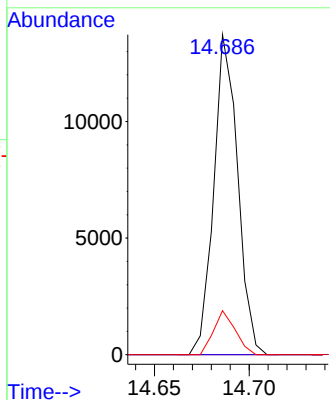
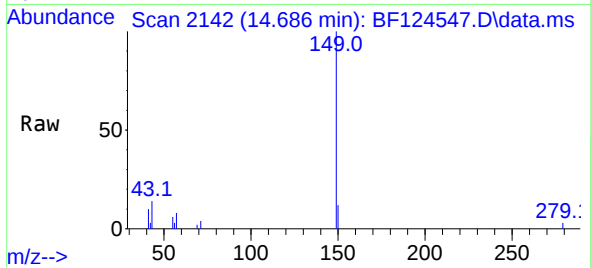




#85
Di-n-octyl phthalate
Concen: 6.263 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

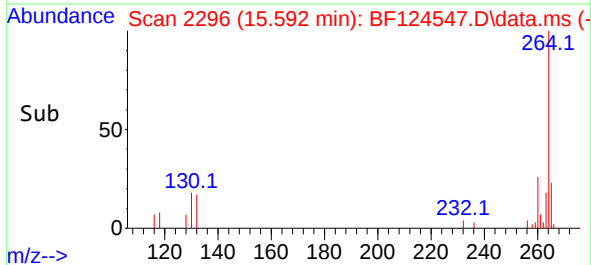
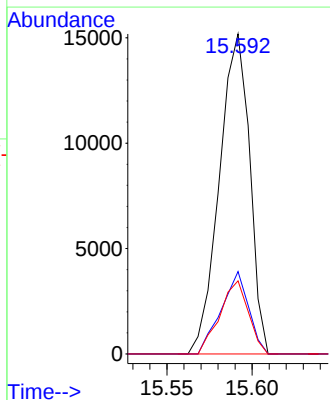
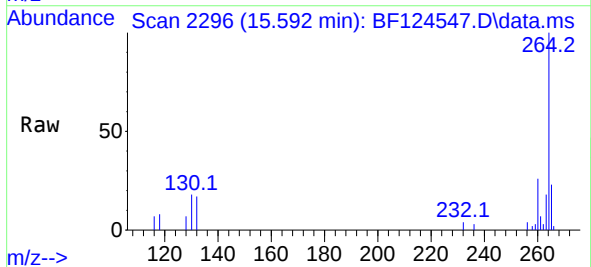
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

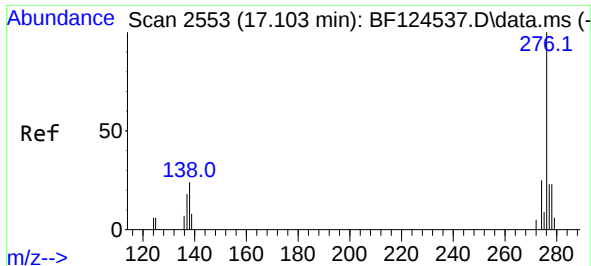
Tgt Ion:149 Resp: 12043
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 12.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:264 Resp: 18776
Ion Ratio Lower Upper
264 100
260 25.7 19.6 29.4
265 22.9 17.2 25.8

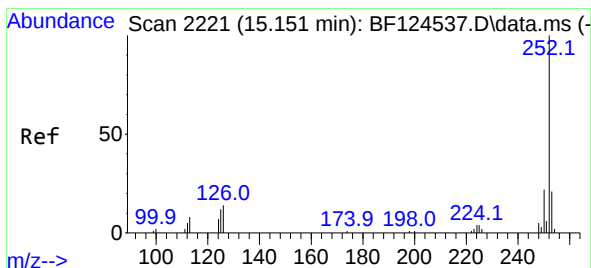
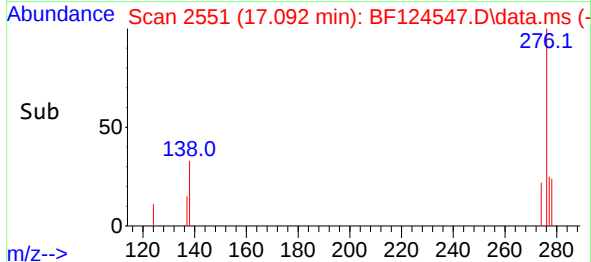
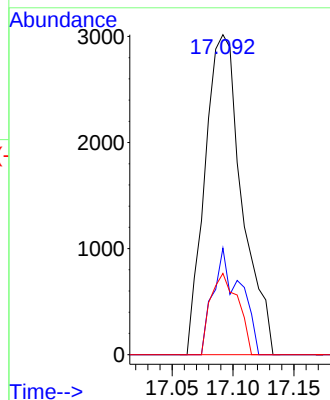
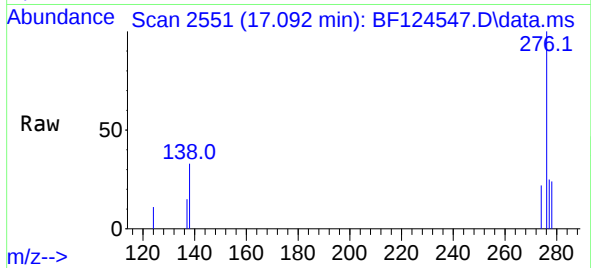




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.856 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.012 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

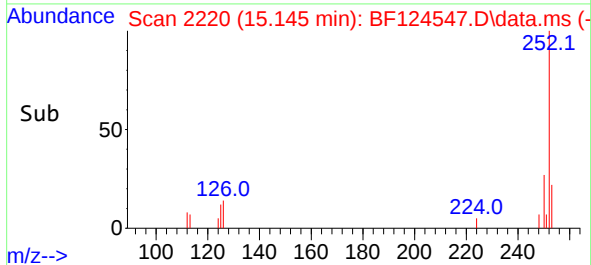
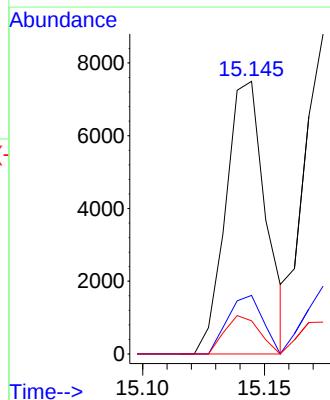
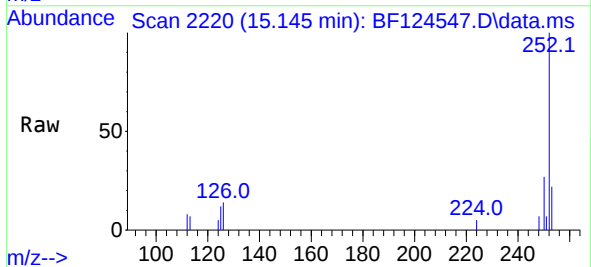
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

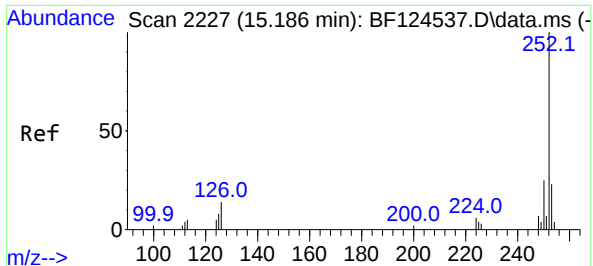
Tgt Ion:276 Resp: 6377
Ion Ratio Lower Upper
276 100
138 24.4 24.1 36.1
277 18.8 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 6.376 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:252 Resp: 8593
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 12.1 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 6.851 ng

RT: 15.174 min Scan# 2225

Delta R.T. -0.012 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

Tgt Ion:252 Resp: 8471

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

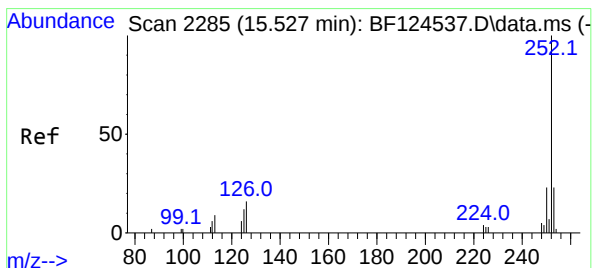
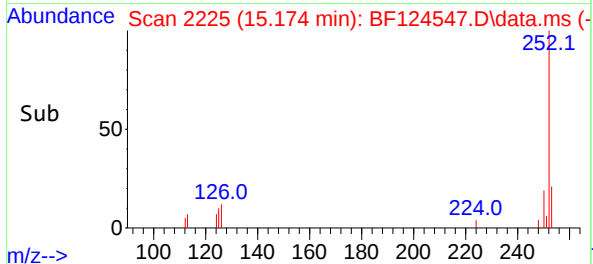
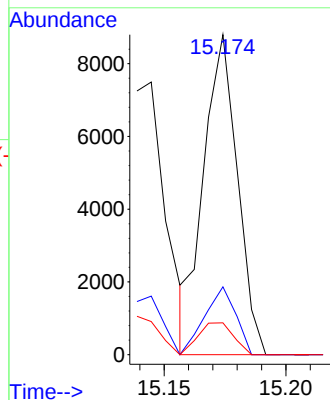
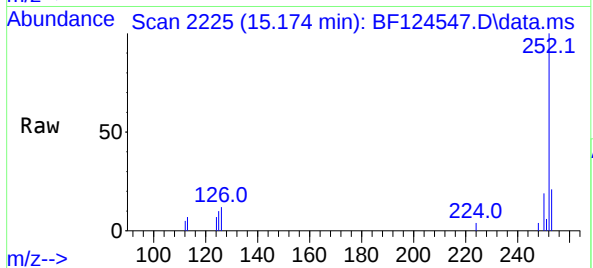
125 10.0 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#90

Benzo(a)pyrene

Concen: 7.038 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF124547.D

Acq: 13 Jul 2021 15:18

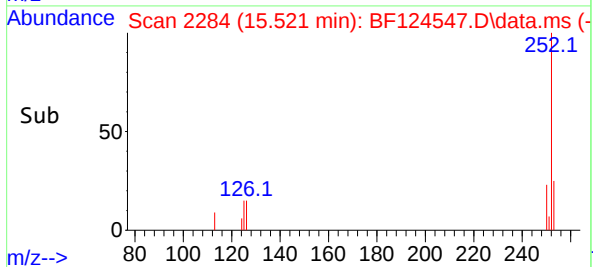
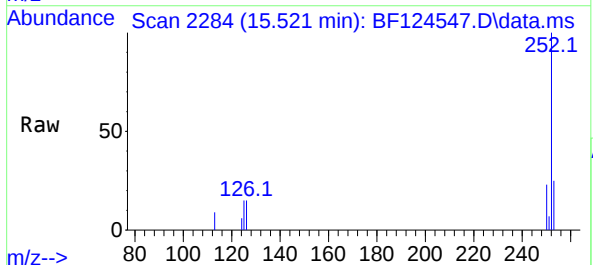
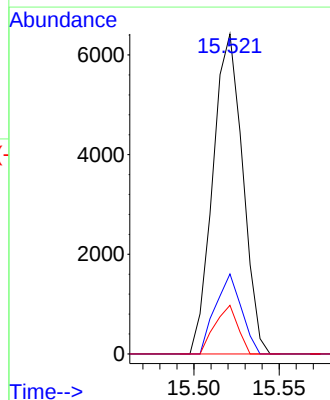
Tgt Ion:252 Resp: 7829

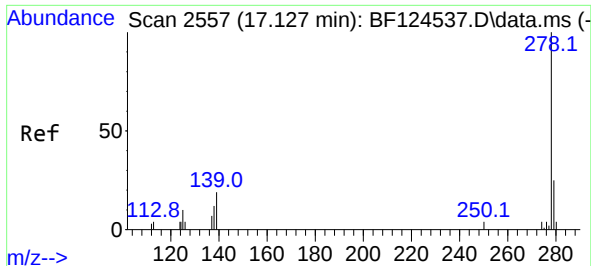
Ion Ratio Lower Upper

252 100

253 25.0 18.4 27.6

125 15.2 9.9 14.9#

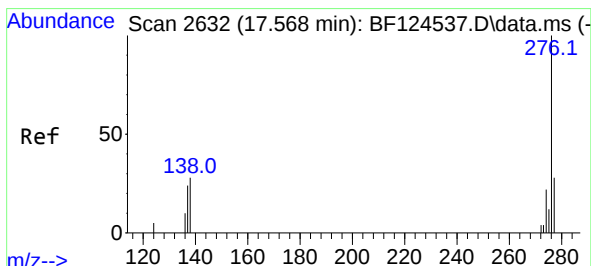
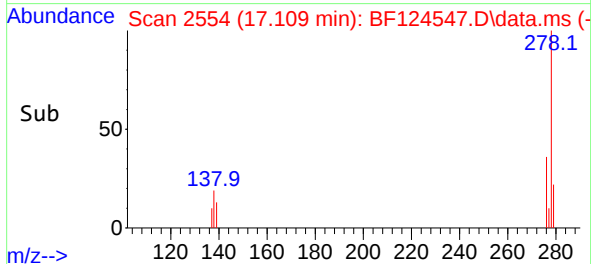
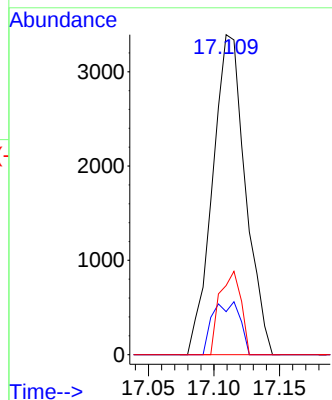
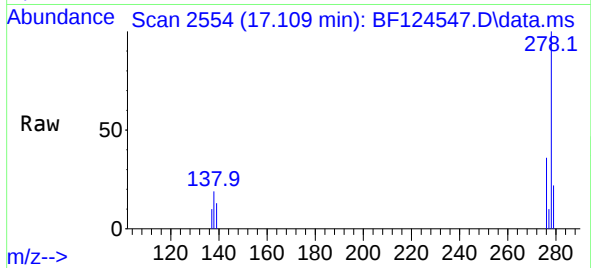




#91
Dibenzo(a,h)anthracene
Concen: 6.384 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:278 Resp: 5917
Ion Ratio Lower Upper
278 100
139 13.4 14.9 22.3#
279 21.6 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 5.599 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.018 min
Lab File: BF124547.D
Acq: 13 Jul 2021 15:18

Tgt Ion:276 Resp: 5067
Ion Ratio Lower Upper
276 100
277 20.8 22.0 33.0#
138 26.6 22.2 33.4

