

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127300.D
 Acq On : 11 Mar 2022 14:46
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 11 15:07:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112577	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	397327	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	233225	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	417432	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	345727	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	287405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	609996	87.105	ng	0.00
7) Phenol-d6	6.504	99	848461	88.073	ng	0.00
23) Nitrobenzene-d5	7.434	82	578058	60.083	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	224625	89.469	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	968786	58.727	ng	0.00
79) Terphenyl-d14	12.992	244	1126542	56.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	29212	8.045	ng	# 85
3) Pyridine	3.446	79	72217	7.474	ng	# 72
4) n-Nitrosodimethylamine	3.363	42	42273	7.896	ng	# 65
6) Aniline	6.534	93	117092	10.170	ng	95
8) 2-Chlorophenol	6.657	128	65810	9.084	ng	97
9) Benzaldehyde	6.428	77	65582	11.678	ng	94
10) Phenol	6.516	94	95927	9.065	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	72946	9.282	ng	90
12) 1,3-Dichlorobenzene	6.810	146	75830	9.325	ng	99
13) 1,4-Dichlorobenzene	6.886	146	76045	9.321	ng	98
14) 1,2-Dichlorobenzene	7.039	146	71444	9.305	ng	94
15) Benzyl Alcohol	7.010	79	67614	9.364	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	134086	9.092	ng	99
17) 2-Methylphenol	7.116	107	56413	9.160	ng	# 91
18) Hexachloroethane	7.375	117	28016	8.940	ng	# 81
19) n-Nitroso-di-n-propyla...	7.275	70	56081	9.329	ng	# 85
20) 3+4-Methylphenols	7.275	107	72549	9.083	ng	# 61
22) Acetophenone	7.275	105	100562	9.244	ng	# 89
24) Nitrobenzene	7.451	77	85387	9.383	ng	93
25) Isophorone	7.686	82	152327	9.846	ng	97
26) 2-Nitrophenol	7.769	139	33492	8.888	ng	# 79
27) 2,4-Dimethylphenol	7.798	122	60216	10.645	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	91014	9.285	ng	98
29) 2,4-Dichlorophenol	8.010	162	58702	9.061	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	67891	9.192	ng	98
31) Naphthalene	8.175	128	202214	9.541	ng	99
32) Benzoic acid	7.898	122	28446	8.104	ng	85
33) 4-Chloroaniline	8.222	127	81055	9.866	ng	# 93
34) Hexachlorobutadiene	8.281	225	42984	8.727	ng	98
35) Caprolactam	8.569	113	18064	9.334	ng	# 63
36) 4-Chloro-3-methylphenol	8.704	107	63253	9.008	ng	97
37) 2-Methylnaphthalene	8.863	142	133372	9.630	ng	98
38) 1-Methylnaphthalene	8.963	142	128167	9.626	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	68781	9.316	ng	# 95
41) Hexachlorocyclopentadiene	9.010	237	27312	10.527	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	39833	8.548	ng	97

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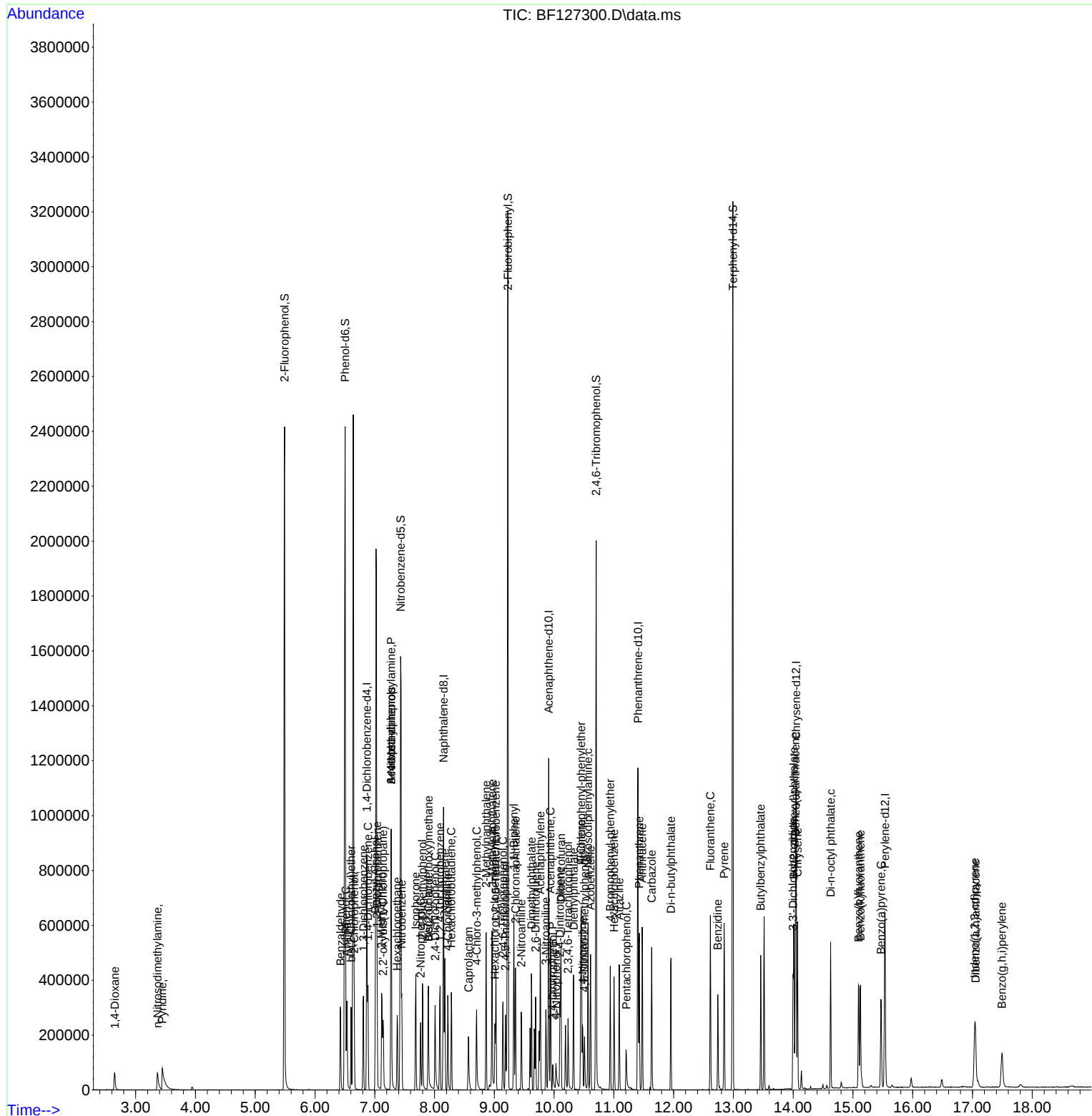
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	39575	8.002	ng	93
46) 1,1'-Biphenyl	9.328	154	171483	9.742	ng	97
47) 2-Chloronaphthalene	9.357	162	127929	9.336	ng	96
48) 2-Nitroaniline	9.451	65	46767	8.871	ng	85
49) Acenaphthylene	9.769	152	213229	10.169	ng	98
50) Dimethylphthalate	9.622	163	151801	9.083	ng	99
51) 2,6-Dinitrotoluene	9.692	165	32052	9.481	ng	92
52) Acenaphthene	9.939	154	117552	9.405	ng	98
53) 3-Nitroaniline	9.863	138	33859	9.191	ng	95
54) 2,4-Dinitrophenol	9.980	184	15991	9.600	ng	94
55) Dibenzofuran	10.116	168	180970	9.319	ng	97
56) 4-Nitrophenol	10.033	139	17118	7.645	ng	# 77
57) 2,4-Dinitrotoluene	10.098	165	42365	9.525	ng	# 93
58) Fluorene	10.457	166	140558	9.335	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	32662	7.947	ng	# 82
60) Diethylphthalate	10.327	149	139798	9.171	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	75256	9.222	ng	# 86
62) 4-Nitroaniline	10.480	138	33282	9.066	ng	88
63) Azobenzene	10.610	77	158538	9.047	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	23109	8.979	ng	91
66) n-Nitrosodiphenylamine	10.569	169	121629	9.382	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	44762	8.896	ng	95
68) Hexachlorobenzene	11.004	284	50096	9.135	ng	# 89
69) Atrazine	11.092	200	45975	10.277	ng	94
70) Pentachlorophenol	11.210	266	22410	10.121	ng	98
71) Phenanthrene	11.427	178	208481	9.461	ng	99
72) Anthracene	11.474	178	213099	9.765	ng	99
73) Carbazole	11.633	167	186792	9.089	ng	98
74) Di-n-butylphthalate	11.957	149	224836	9.354	ng	98
75) Fluoranthene	12.616	202	232625	9.442	ng	93
77) Benzidine	12.739	184	121682	13.840	ng	97
78) Pyrene	12.845	202	239455	8.892	ng	99
80) Butylbenzylphthalate	13.457	149	89552	8.641	ng	# 94
81) Benzo(a)anthracene	14.039	228	211187	9.072	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	73154	10.107	ng	# 96
83) Chrysene	14.074	228	200649	9.267	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	129837	9.307	ng	98
85) Di-n-octyl phthalate	14.627	149	203824	9.653	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.039	276	134845	7.788	ng	# 86
88) Benzo(b)fluoranthene	15.098	252	176330	9.347	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	172922	9.749	ng	# 92
90) Benzo(a)pyrene	15.468	252	157382	10.594	ng	# 93
91) Dibenzo(a,h)anthracene	17.051	278	116431	8.080	ng	# 91
92) Benzo(g,h,i)perylene	17.492	276	110732	7.878	ng	# 87

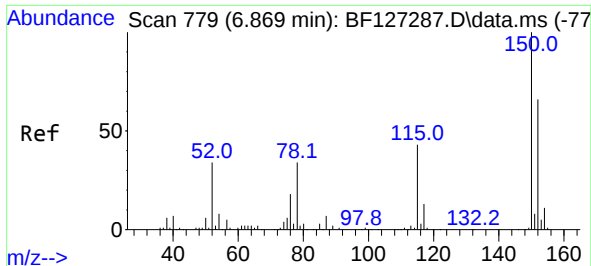
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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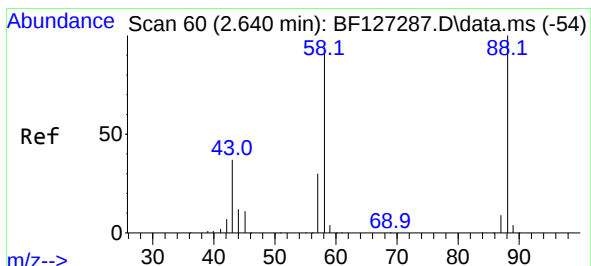
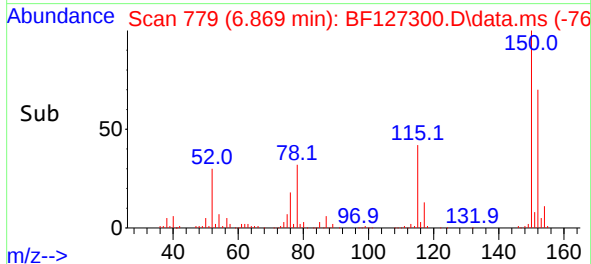
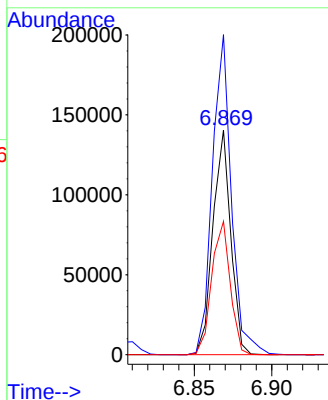
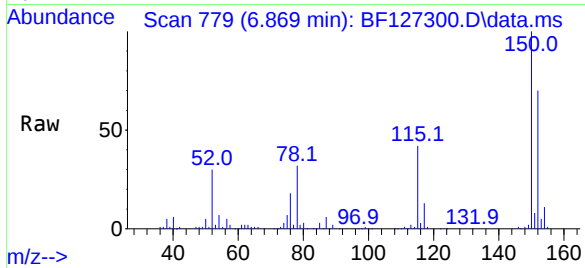




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

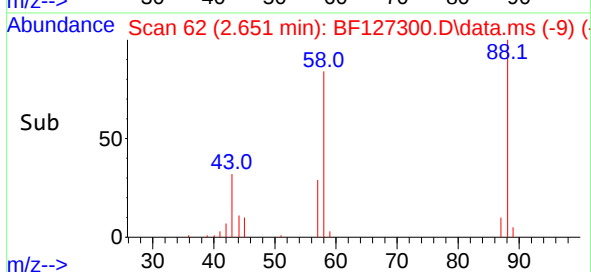
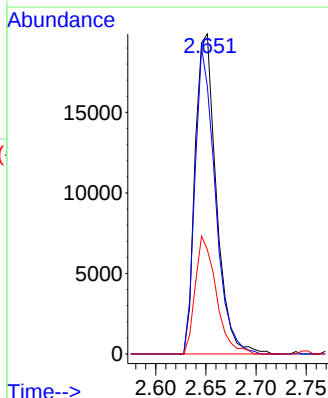
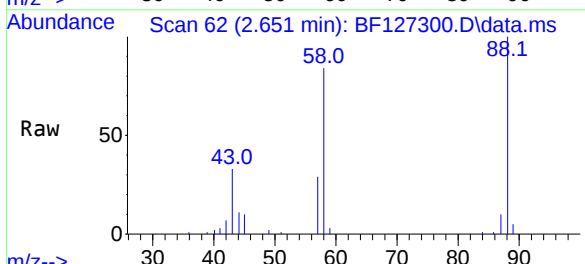
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

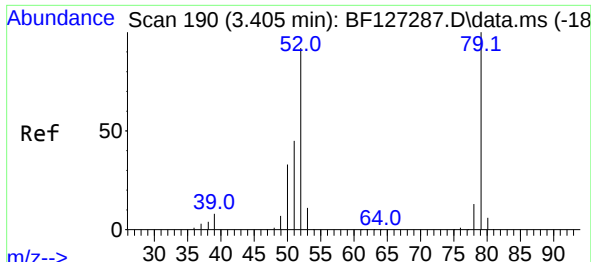
Tgt Ion:152 Resp: 112577
Ion Ratio Lower Upper
152 100
150 142.4 128.1 192.1
115 59.3 56.7 85.1



#2
1,4-Dioxane
Concen: 8.045 ng
RT: 2.651 min Scan# 62
Delta R.T. 0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 88 Resp: 29212
Ion Ratio Lower Upper
88 100
58 91.6 62.8 94.2
43 36.3 22.3 33.5#





#3

Pyridine

Concen: 7.474 ng

RT: 3.446 min Scan# 190

Delta R.T. 0.041 min

Lab File: BF127300.D

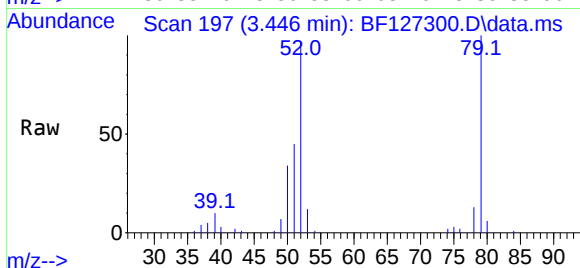
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Instrument :

BNA_F

ClientSampleId :

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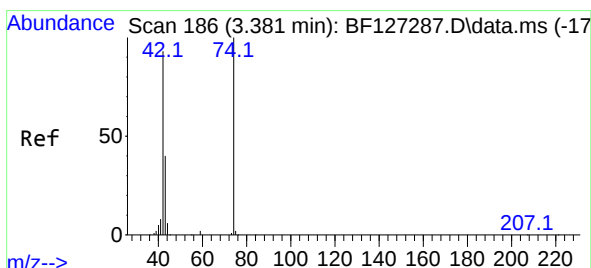
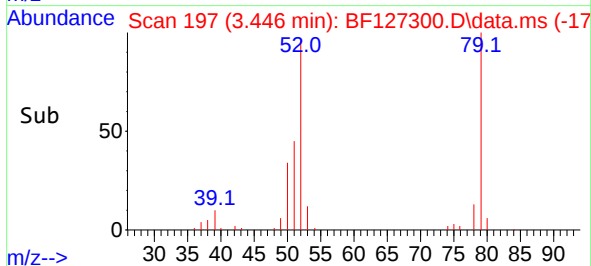
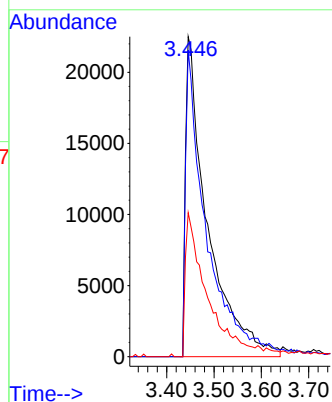
Tgt Ion: 79 Resp: 72217

Ion Ratio Lower Upper

79 100

52 95.8 56.2 84.4#

51 45.0 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 7.896 ng

RT: 3.363 min Scan# 183

Delta R.T. -0.018 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

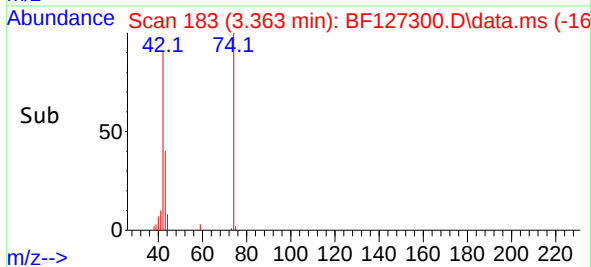
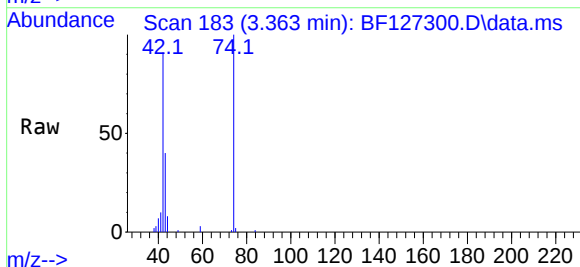
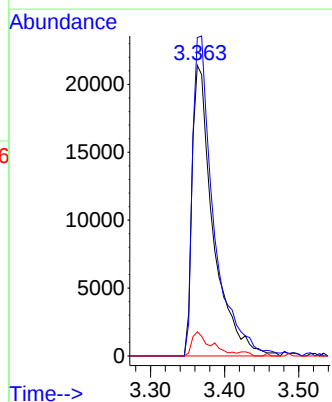
Tgt Ion: 42 Resp: 42273

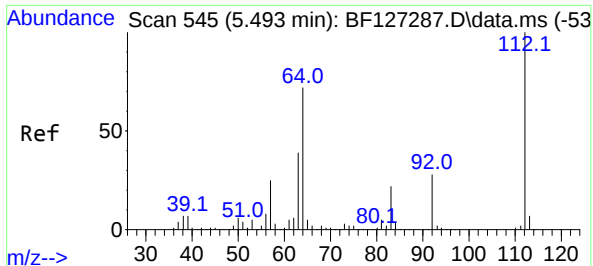
Ion Ratio Lower Upper

42 100

74 109.6 125.6 188.4#

44 8.3 5.7 8.5

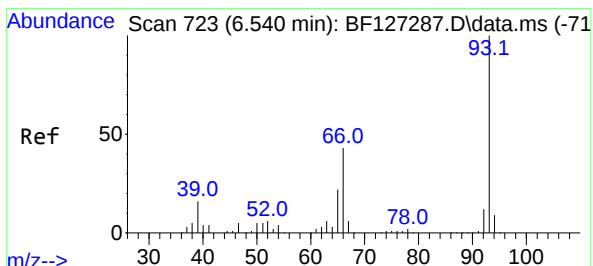
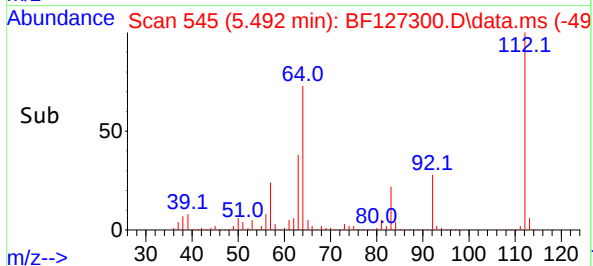
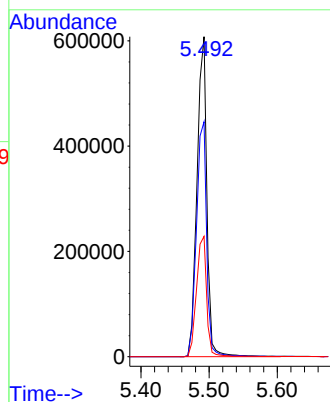
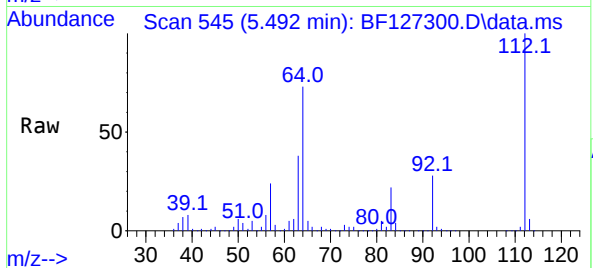




#5
2-Fluorophenol
Concen: 87.105 ng
RT: 5.492 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

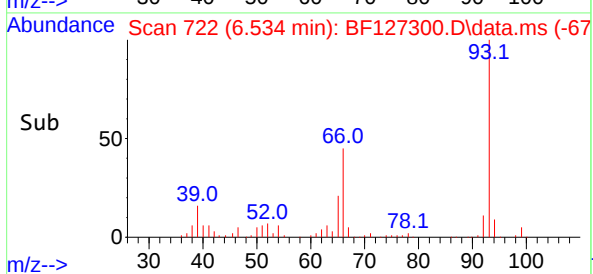
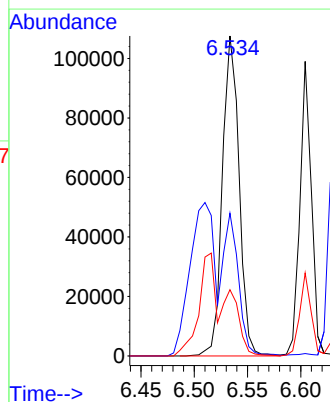
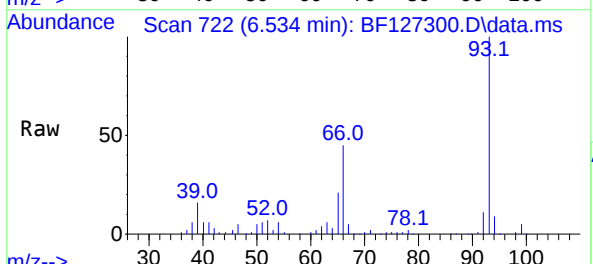
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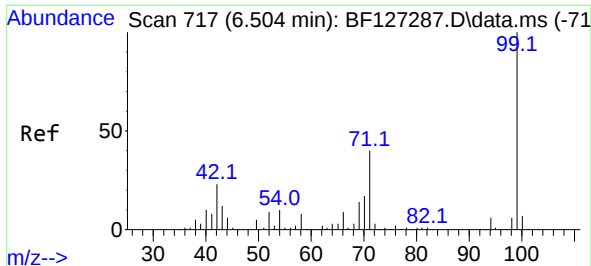
Tgt Ion:112 Resp: 609996
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 37.6 23.9 35.9#



#6
Aniline
Concen: 10.170 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 93 Resp: 117092
Ion Ratio Lower Upper
93 100
66 44.6 32.2 48.4
65 20.7 16.3 24.5

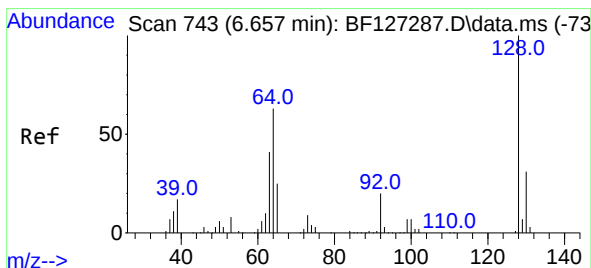
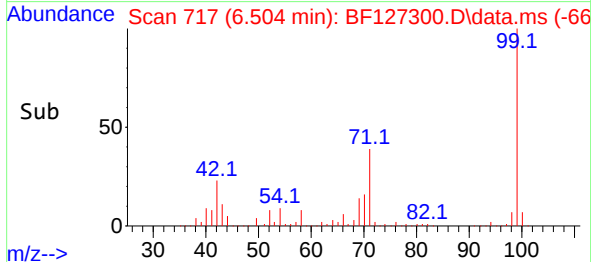
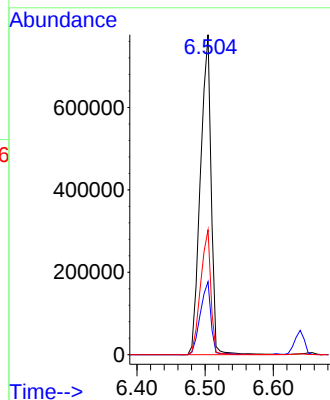
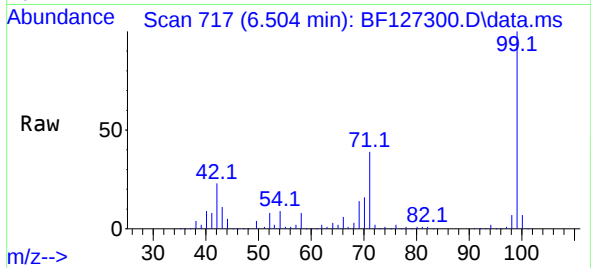




#7
Phenol-d6
Concen: 88.073 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127300.D
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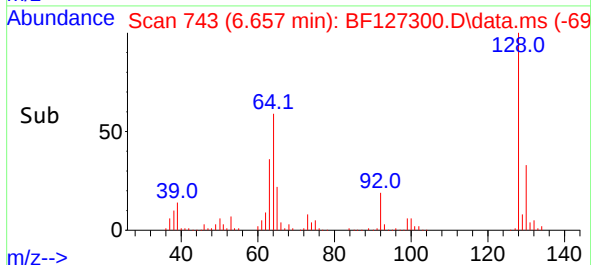
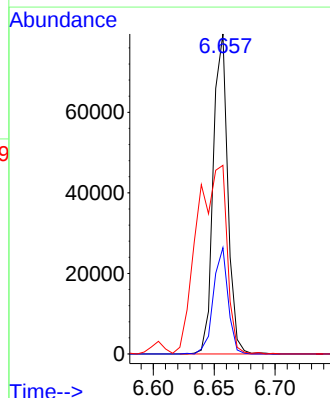
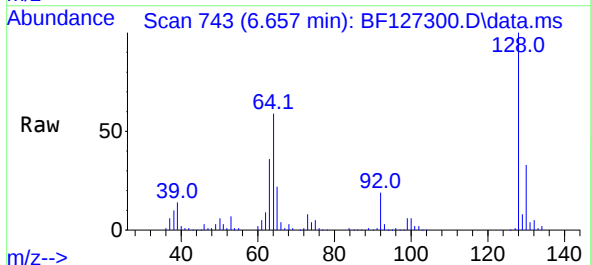
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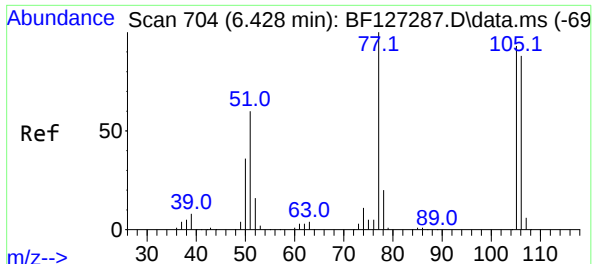
Tgt Ion: 99 Resp: 848461
Ion Ratio Lower Upper
99 100
42 22.8 14.2 21.4#
71 39.0 24.3 36.5#



#8
2-Chlorophenol
Concen: 9.084 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 128 Resp: 65810
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 59.0 35.6 75.6



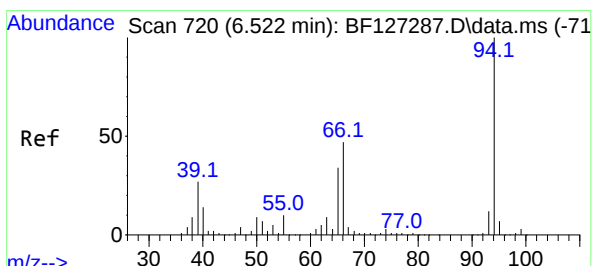
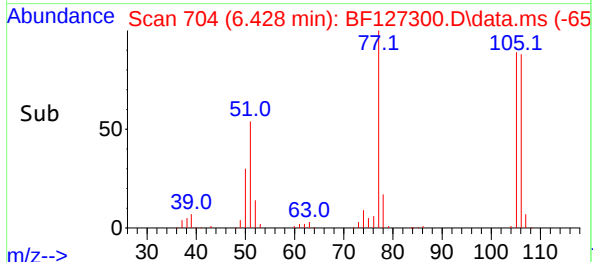
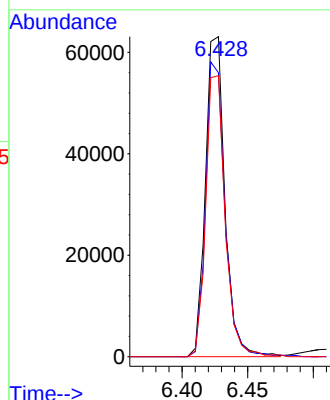
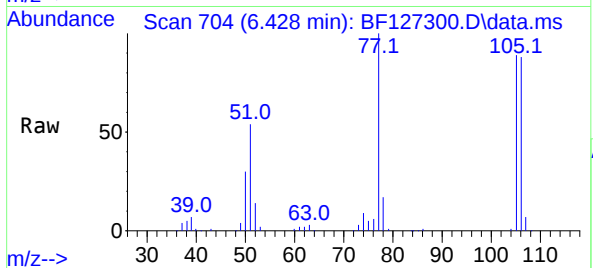


#9
Benzaldehyde
Concen: 11.678 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 65582

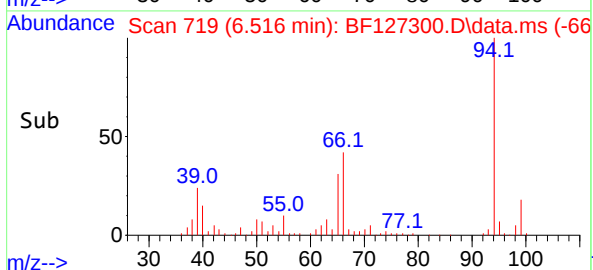
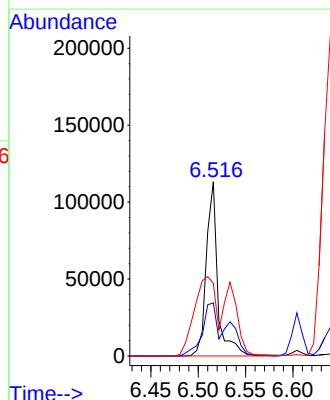
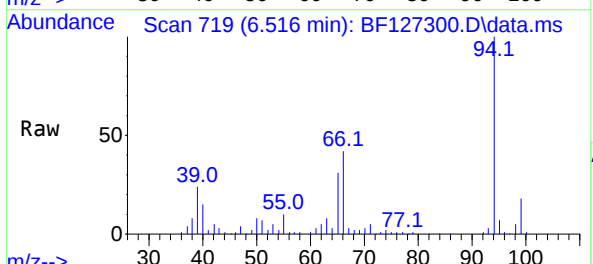
Ion	Ratio	Lower	Upper
77	100		
105	88.8	74.9	114.9
106	87.8	72.4	112.4

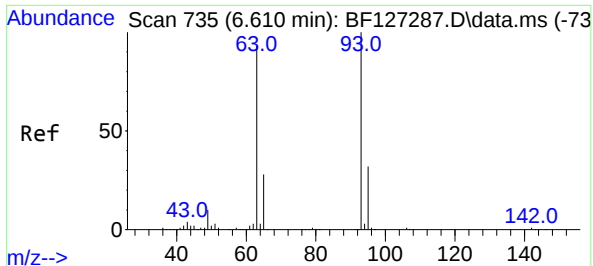


#10
Phenol
Concen: 9.065 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 94 Resp: 95927

Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.2	47.2
66	41.7	14.5	54.5

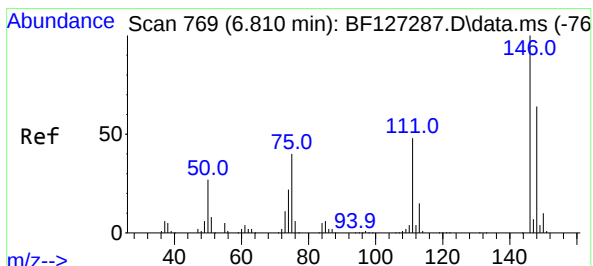
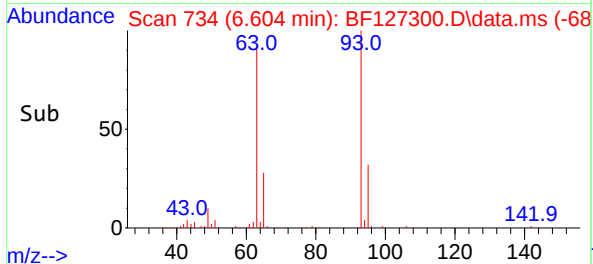
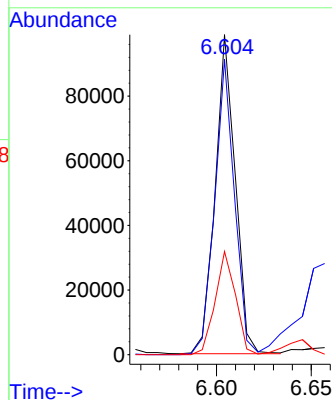
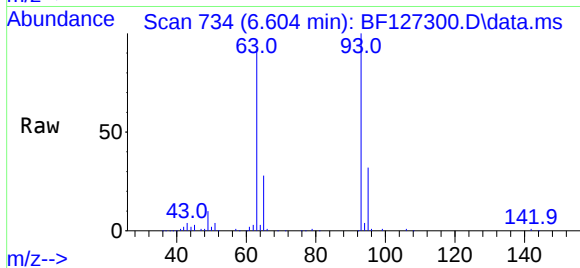




#11
bis(2-Chloroethyl)ether
Concen: 9.282 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

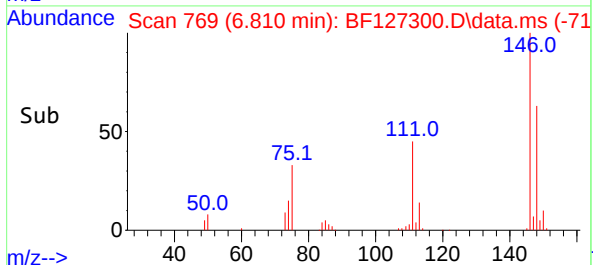
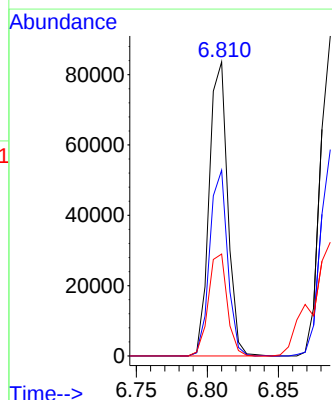
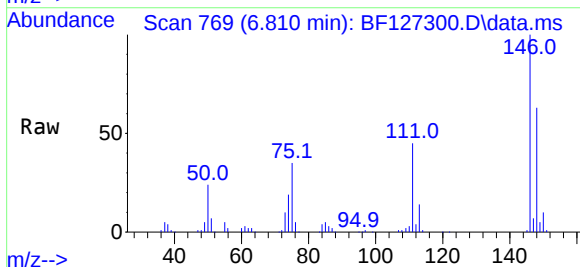
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

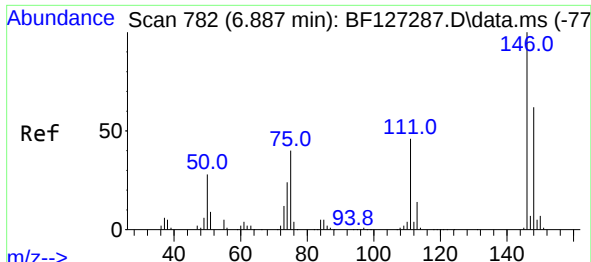
Tgt Ion:	93	Resp:	72946
Ion	Ratio	Lower	Upper
93	100		
63	92.3	60.5	100.5
95	32.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 9.325 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:	146	Resp:	75830
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
75	34.7	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 9.321 ng

RT: 6.886 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

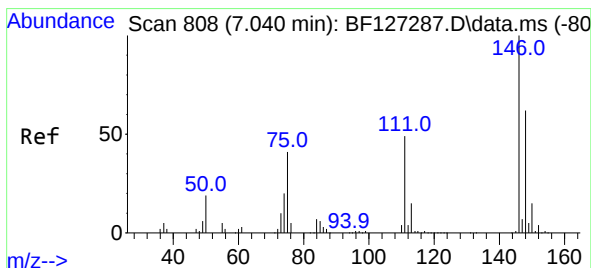
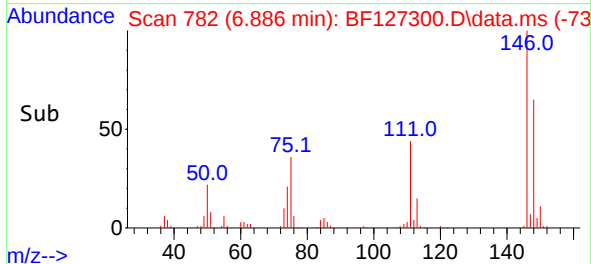
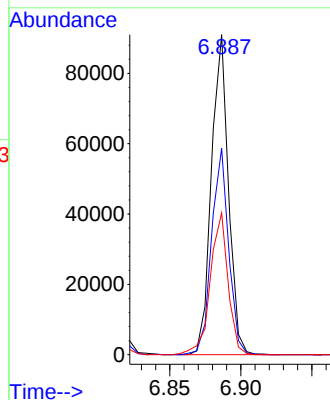
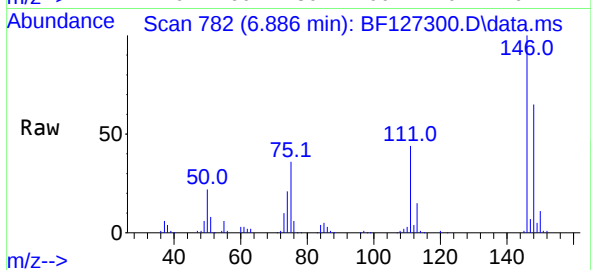
Tgt Ion:146 Resp: 76045

Ion Ratio Lower Upper

146 100

148 64.5 49.8 74.6

111 44.3 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 9.305 ng

RT: 7.039 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

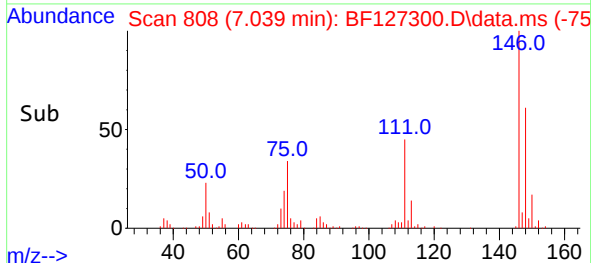
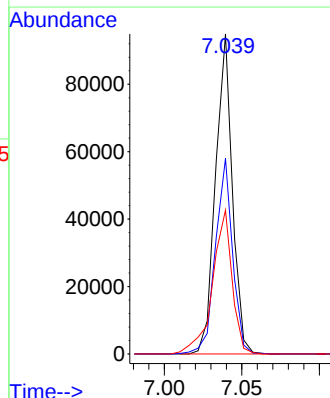
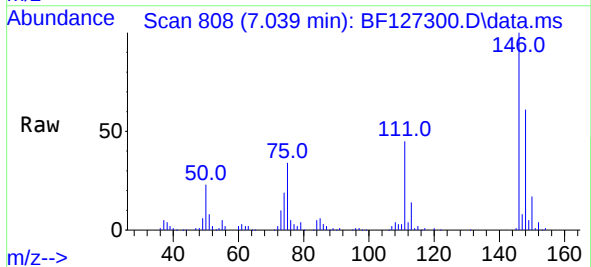
Tgt Ion:146 Resp: 71444

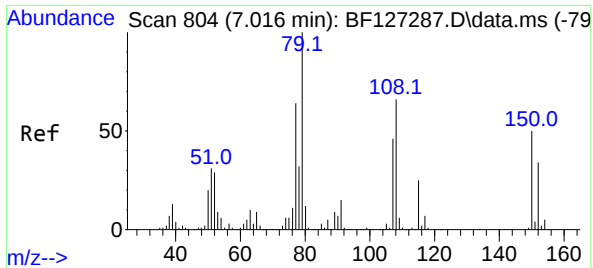
Ion Ratio Lower Upper

146 100

148 61.1 51.6 77.4

111 44.9 40.2 60.2

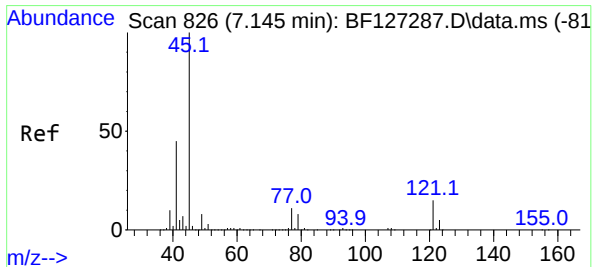
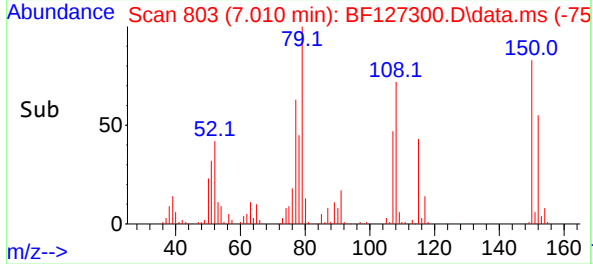
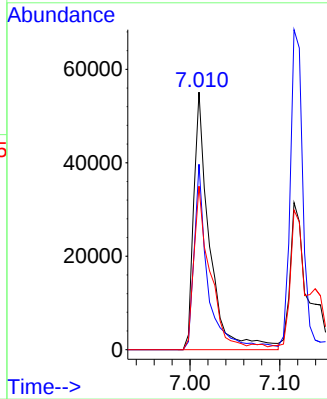
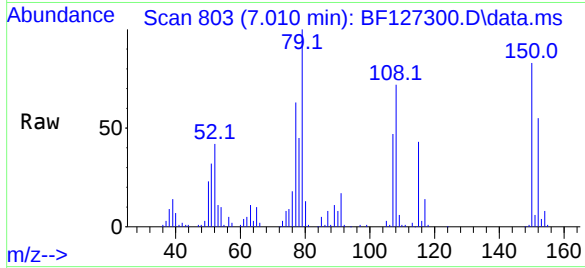




#15
Benzyl Alcohol
Concen: 9.364 ng
RT: 7.010 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

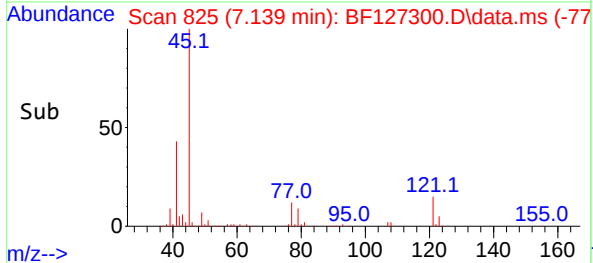
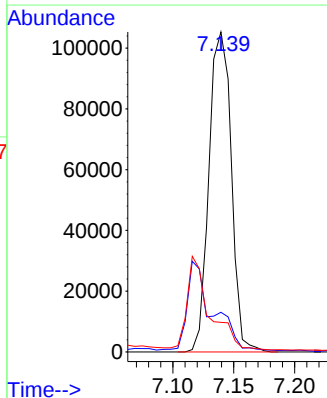
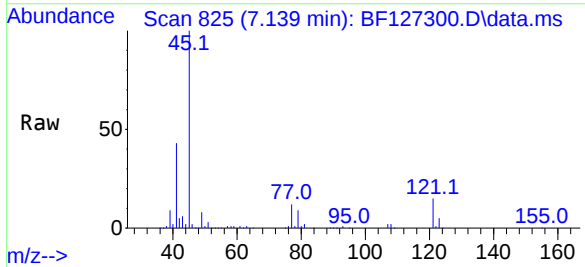
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

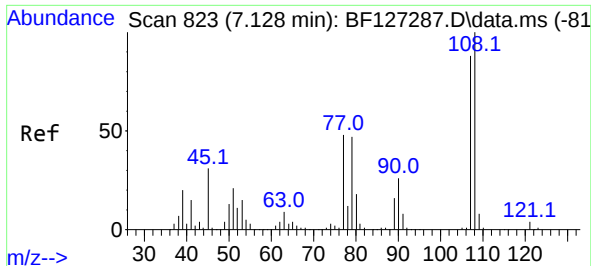
Tgt Ion: 79 Resp: 67614
Ion Ratio Lower Upper
79 100
108 72.0 63.2 94.8
77 63.5 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.092 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 45 Resp: 134086
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.4
79 9.2 0.0 29.8





#17

2-Methylphenol

Concen: 9.160 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:107 Resp: 56413

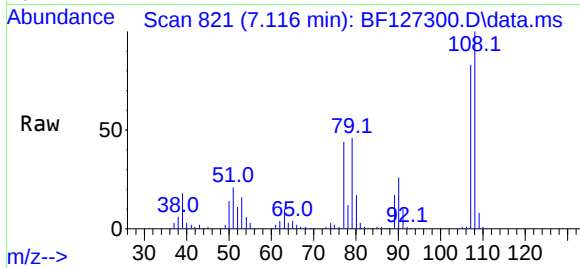
Ion Ratio Lower Upper

107 100

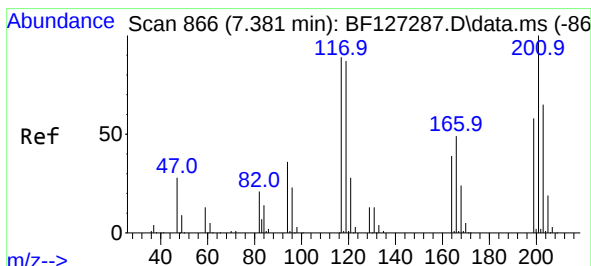
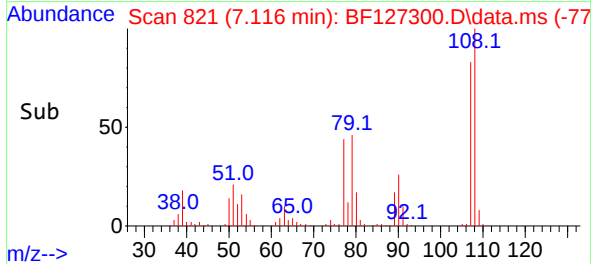
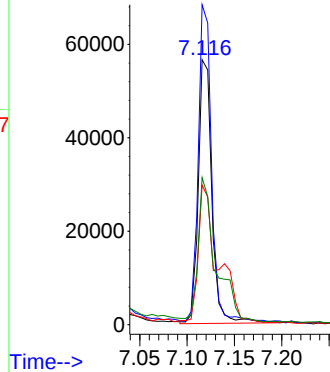
108 120.8 93.4 140.0

77 52.7 36.1 54.1

79 55.5 34.9 52.3#



Abundance



#18

Hexachloroethane

Concen: 8.940 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

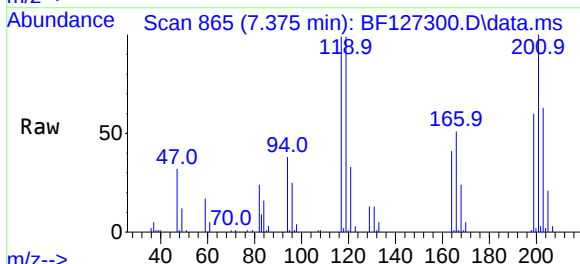
Tgt Ion:117 Resp: 28016

Ion Ratio Lower Upper

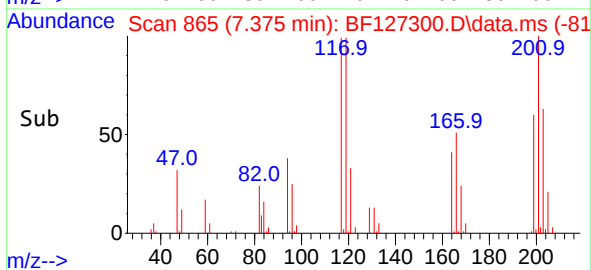
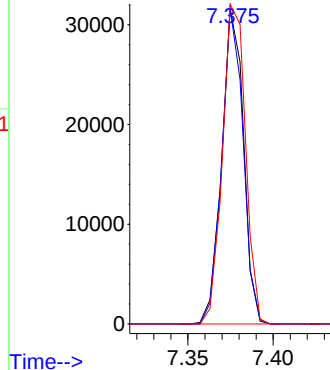
117 100

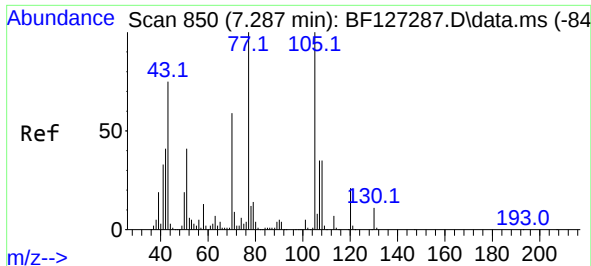
119 100.2 75.4 113.0

201 101.5 56.8 85.2#



Abundance

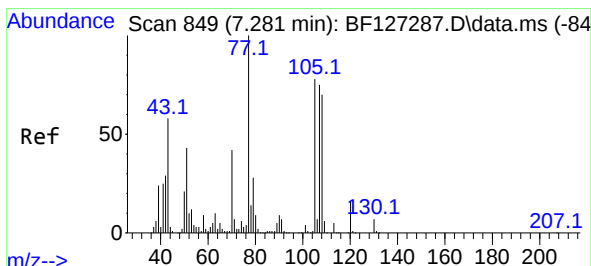
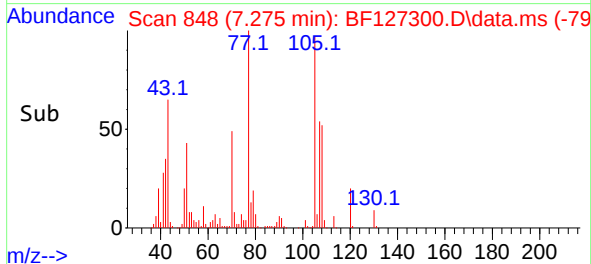
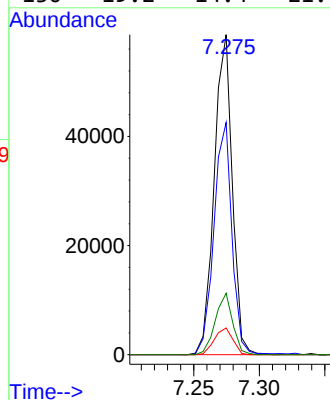
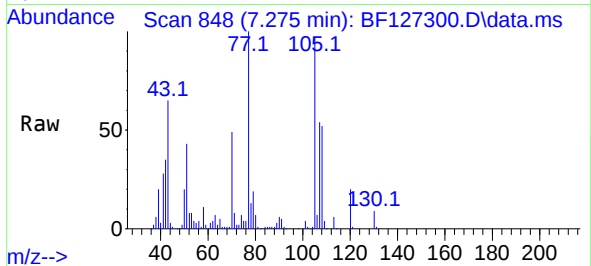




#19
n-Nitroso-di-n-propylamine
Concen: 9.329 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

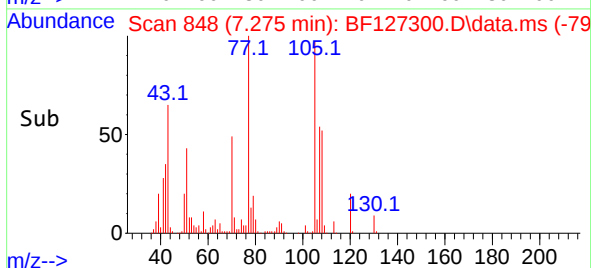
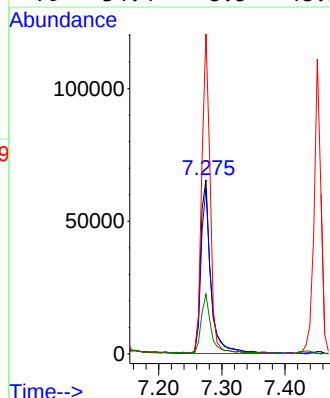
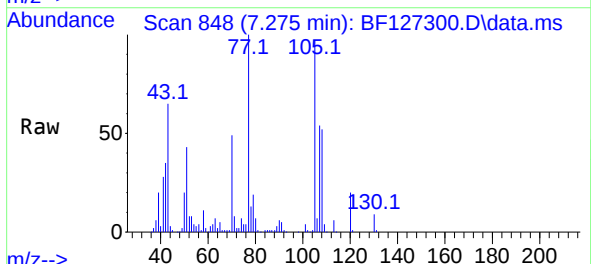
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

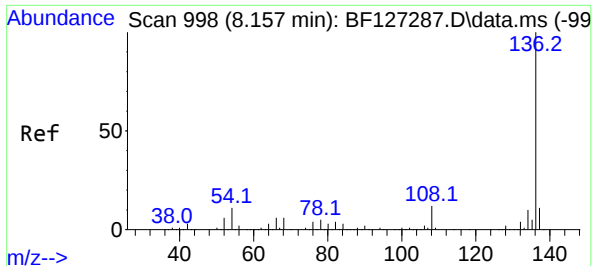
Tgt Ion:	70	Resp:	56081
Ion	Ratio	Lower	Upper
70	100		
42	72.5	45.8	68.8#
101	8.3	6.9	10.3
130	19.2	14.4	21.6



#20
3+4-Methylphenols
Concen: 9.083 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

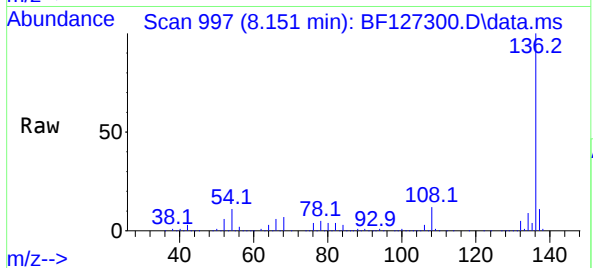
Tgt Ion:	107	Resp:	72549
Ion	Ratio	Lower	Upper
107	100		
108	95.3	72.4	112.4
77	183.9	83.8	123.8#
79	34.4	8.5	48.5



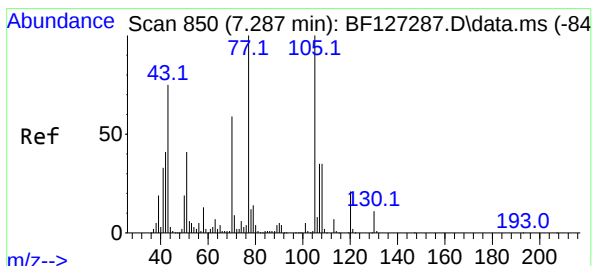
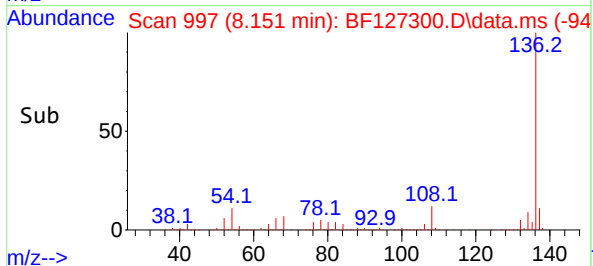
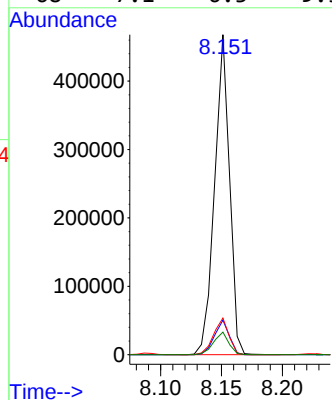


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

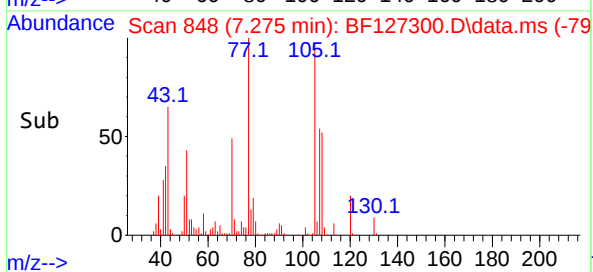
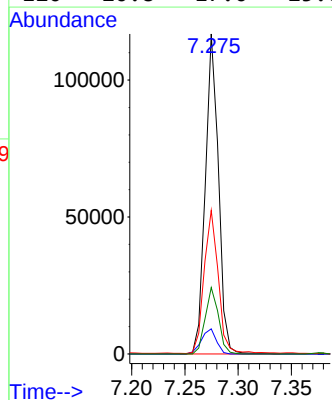
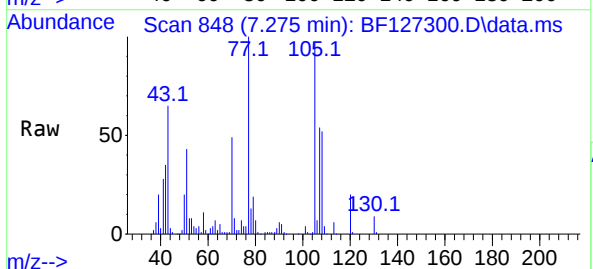


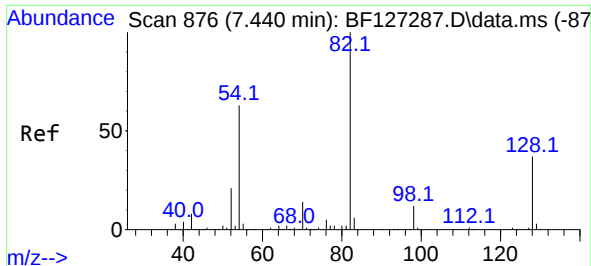
Tgt Ion:136 Resp: 397327
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.4 7.8 11.6
68 7.1 6.3 9.5



#22
Acetophenone
Concen: 9.244 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:105 Resp: 100562
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.0
51 44.8 27.4 41.0#
120 20.8 17.0 25.6

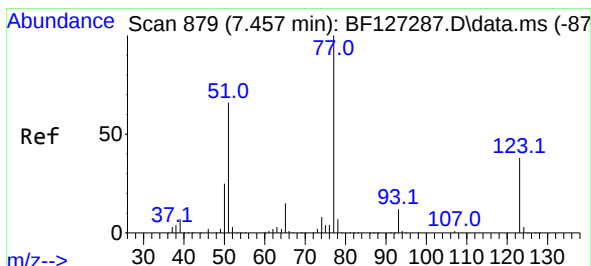
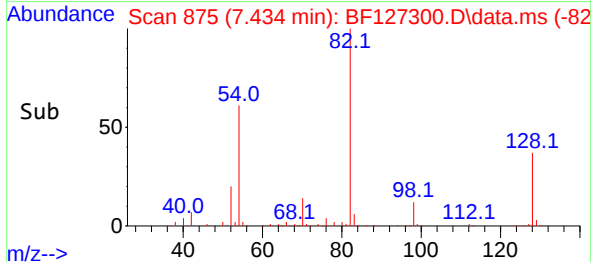
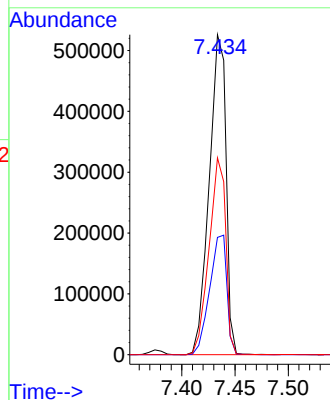
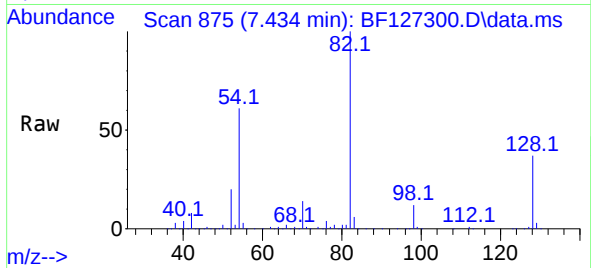




#23
Nitrobenzene-d5
Concen: 60.083 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

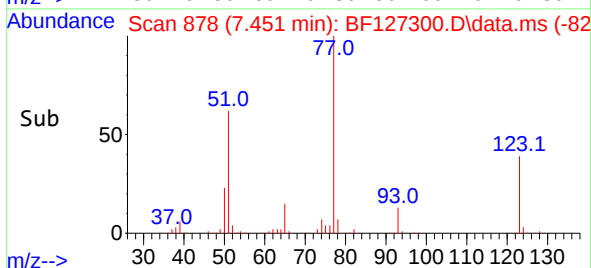
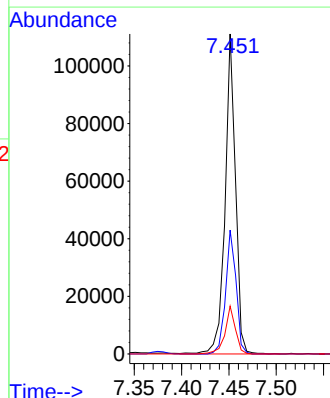
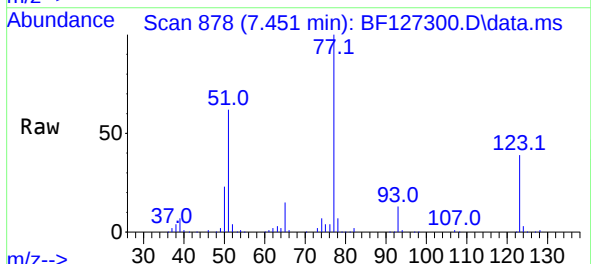
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

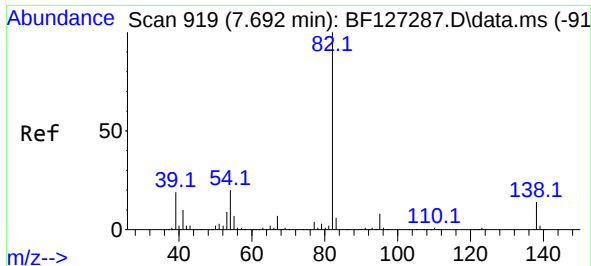
Tgt Ion: 82 Resp: 578058
Ion Ratio Lower Upper
82 100
128 36.7 32.7 49.1
54 61.5 41.7 62.5



#24
Nitrobenzene
Concen: 9.383 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion: 77 Resp: 85387
Ion Ratio Lower Upper
77 100
123 38.7 34.6 52.0
65 15.0 10.6 15.8

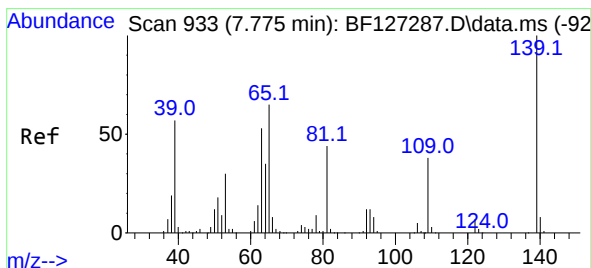
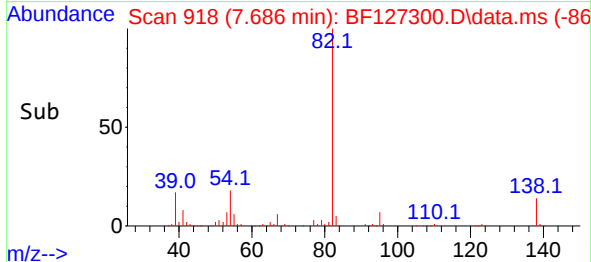
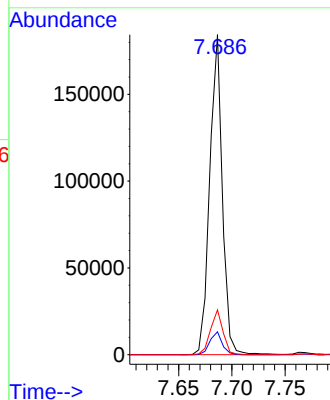
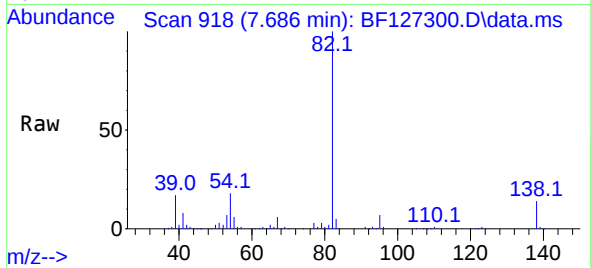




#25
Isophorone
Concen: 9.846 ng
RT: 7.686 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

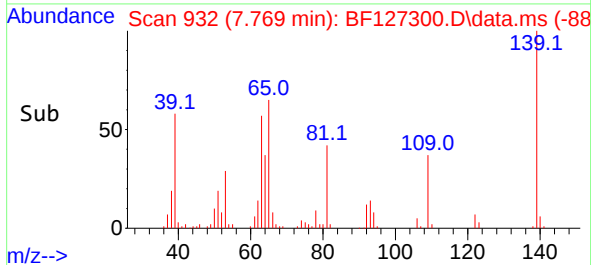
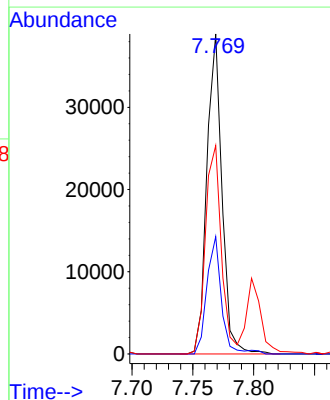
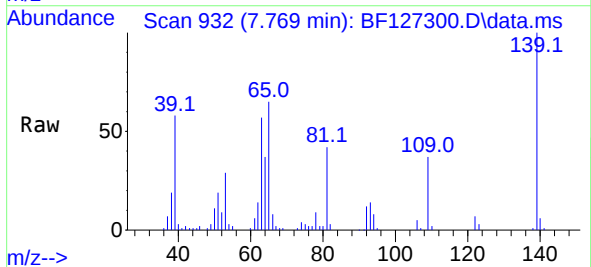
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion: 82 Resp: 152327
Ion Ratio Lower Upper
82 100
95 7.2 5.0 7.4
138 14.0 12.3 18.5

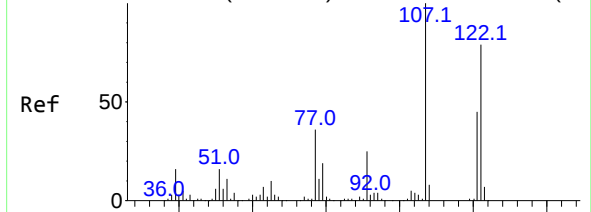


#26
2-Nitrophenol
Concen: 8.888 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:139 Resp: 33492
Ion Ratio Lower Upper
139 100
109 36.6 20.0 30.0#
65 65.1 40.8 61.2#

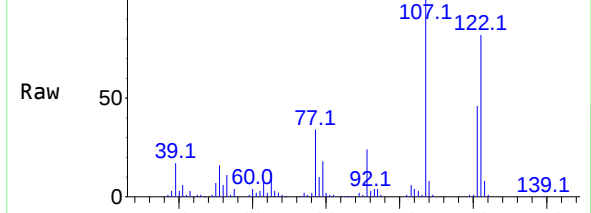


Abundance Scan 938 (7.804 min): BF127287.D\data.ms (-93



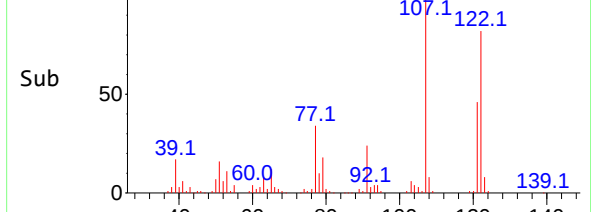
m/z-->

Abundance Scan 937 (7.798 min): BF127300.D\data.ms



m/z-->

Abundance Scan 937 (7.798 min): BF127300.D\data.ms (-88



m/z-->

#27

2,4-Dimethylphenol

Concen: 10.645 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:122 Resp: 60216

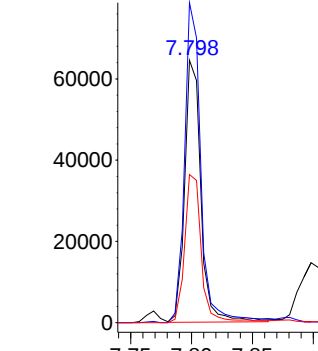
Ion Ratio Lower Upper

122 100

107 121.9 91.2 136.8

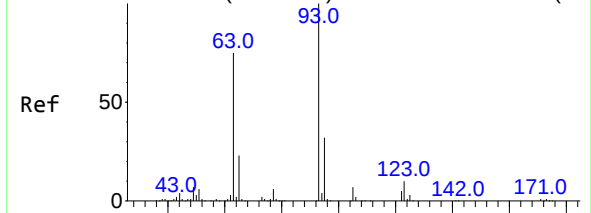
121 56.4 44.4 66.6

Abundance



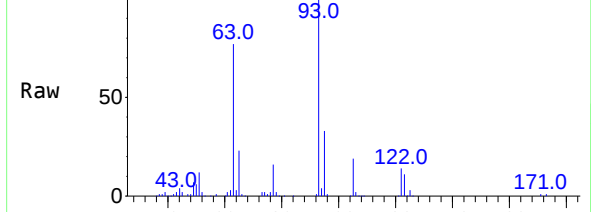
Time-->

Abundance Scan 955 (7.904 min): BF127287.D\data.ms (-94



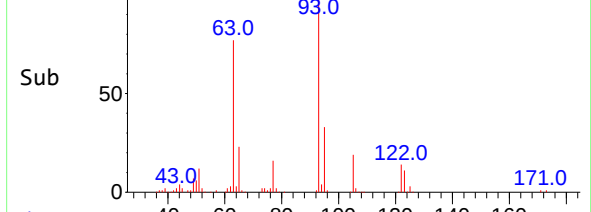
m/z-->

Abundance Scan 954 (7.898 min): BF127300.D\data.ms



m/z-->

Abundance Scan 954 (7.898 min): BF127300.D\data.ms (-90



m/z-->

#28

bis(2-Chloroethoxy)methane

Concen: 9.285 ng

RT: 7.898 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Tgt Ion: 93 Resp: 91014

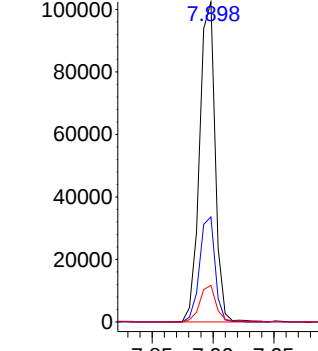
Ion Ratio Lower Upper

93 100

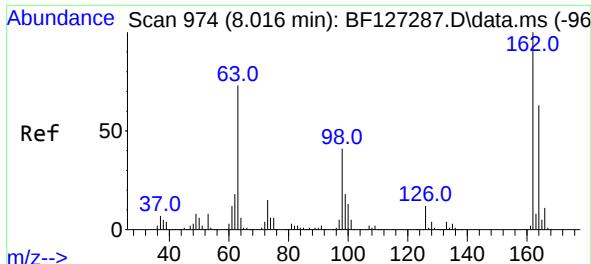
95 32.9 25.4 38.2

123 11.5 8.9 13.3

Abundance



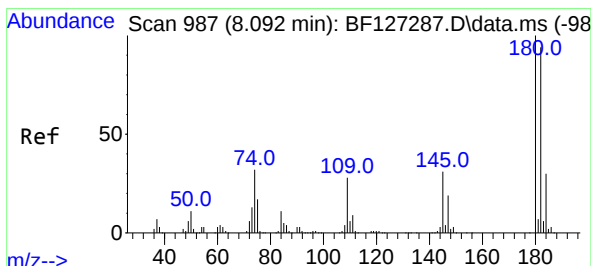
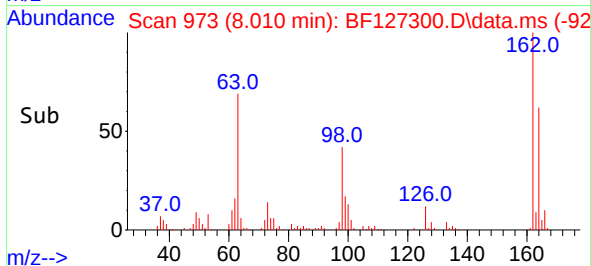
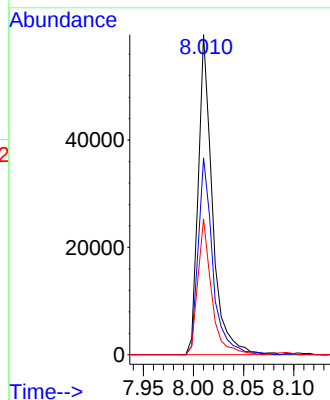
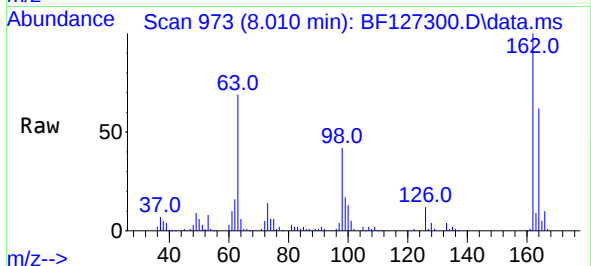
Time-->



#29
2,4-Dichlorophenol
Concen: 9.061 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

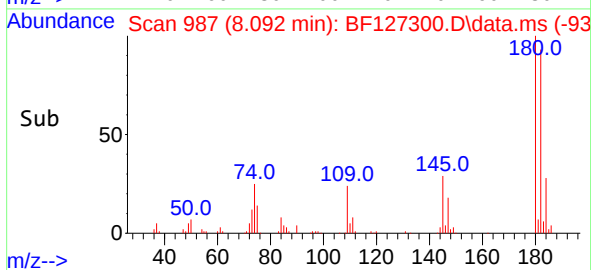
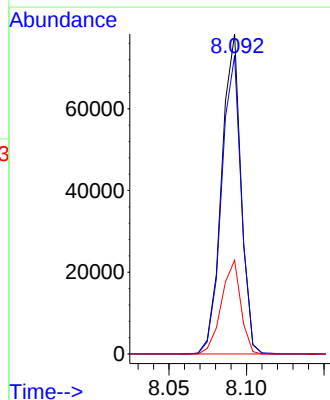
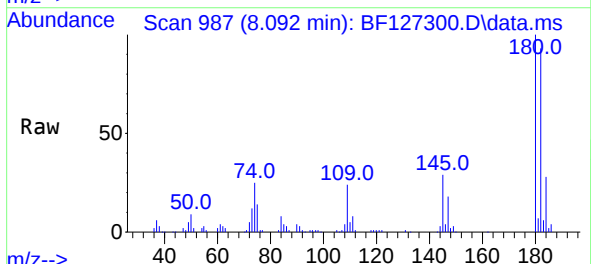
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

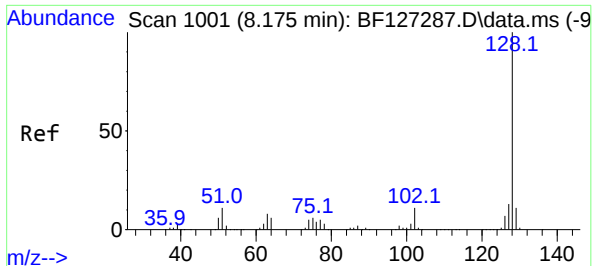
Tgt Ion:162 Resp: 58702
Ion Ratio Lower Upper
162 100
164 61.5 43.8 83.8
98 42.5 23.6 63.6



#30
1,2,4-Trichlorobenzene
Concen: 9.192 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:180 Resp: 67891
Ion Ratio Lower Upper
180 100
182 93.2 75.5 113.3
145 29.3 26.2 39.2

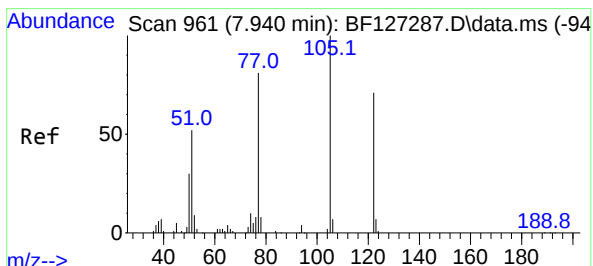
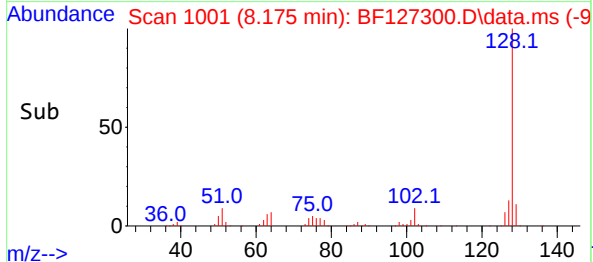
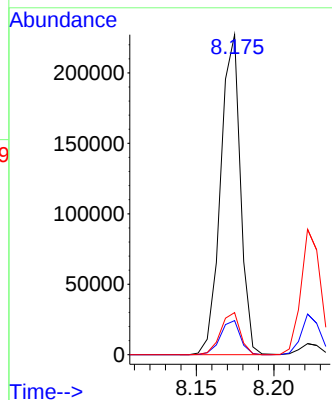
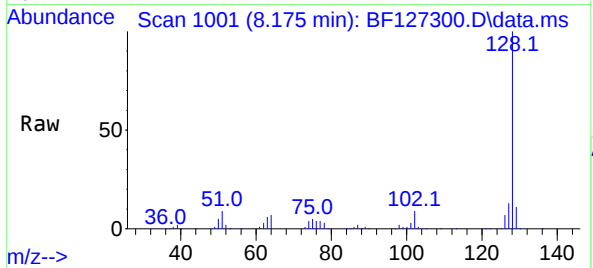




#31
Naphthalene
Concen: 9.541 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

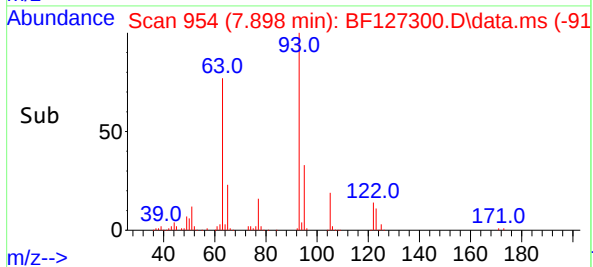
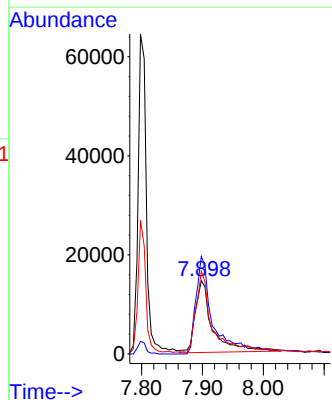
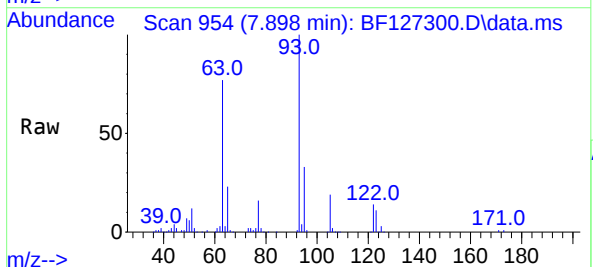
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

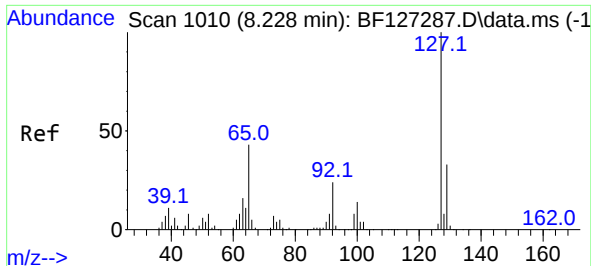
Tgt Ion:128 Resp: 202214
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 8.104 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.042 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:122 Resp: 28446
Ion Ratio Lower Upper
122 100
105 133.4 101.0 141.0
77 112.8 74.5 114.5

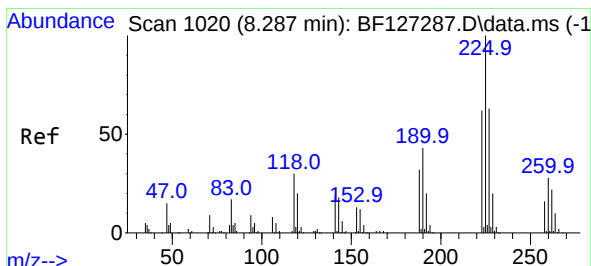
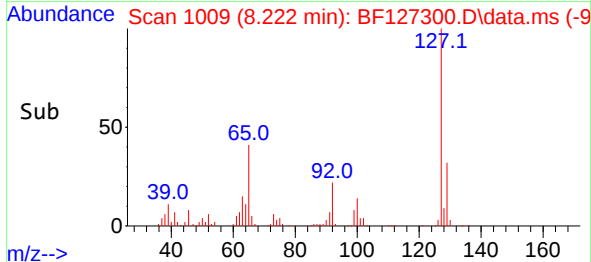
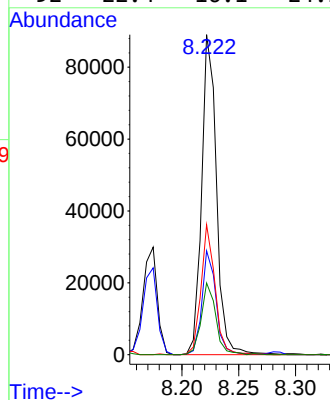
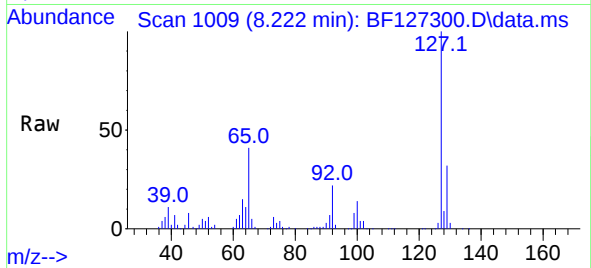




#33
4-Chloroaniline
Concen: 9.866 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

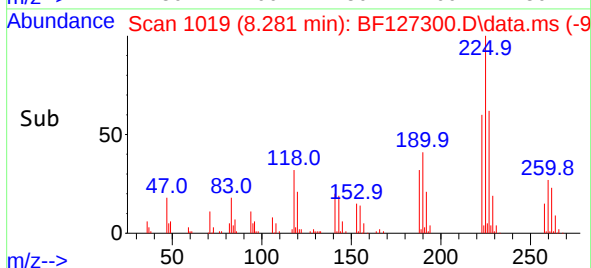
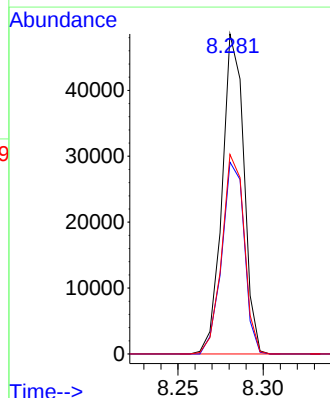
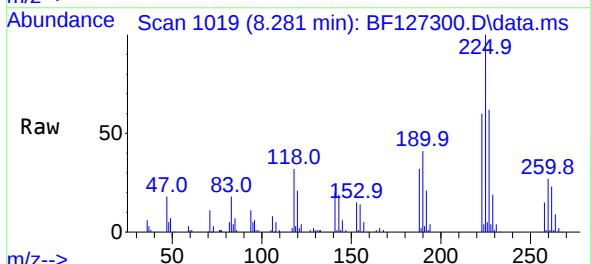
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

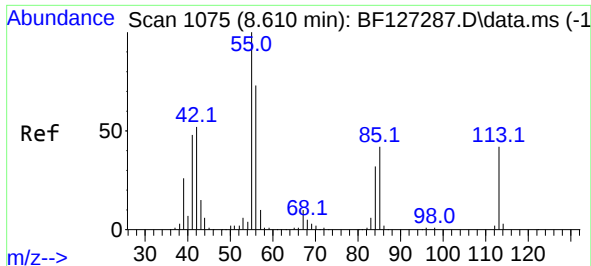
Tgt Ion:	127	Resp:	81055
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	40.6	26.6	39.8#
92	22.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 8.727 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:	225	Resp:	42984
Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.6	73.0
227	62.4	51.4	77.0

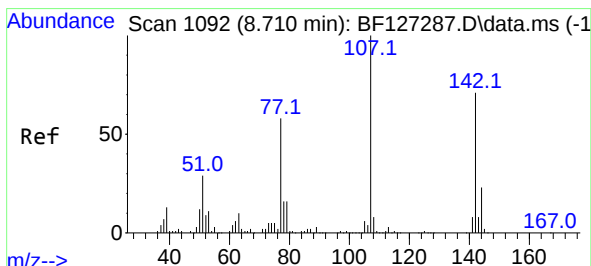
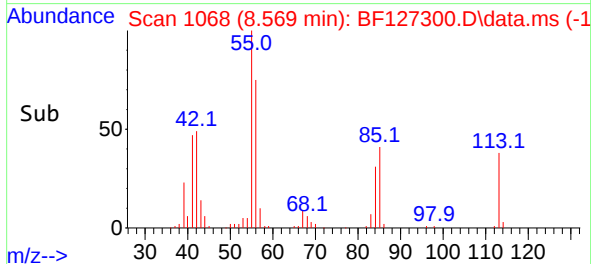
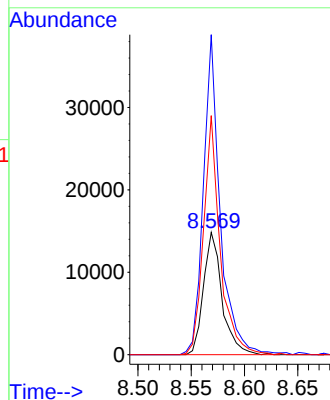
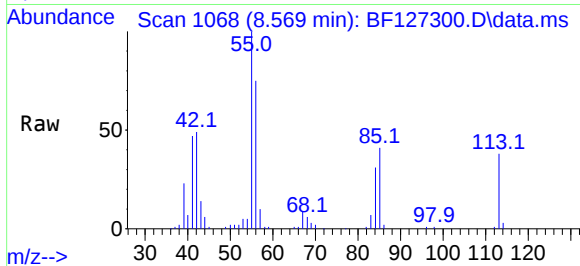




#35
 Caprolactam
 Concen: 9.334 ng
 RT: 8.569 min Scan# 1068
 Delta R.T. -0.041 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

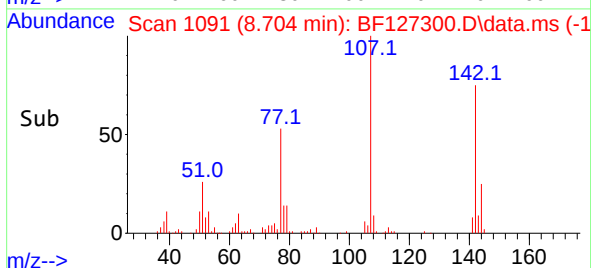
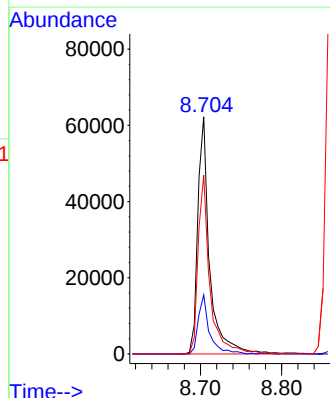
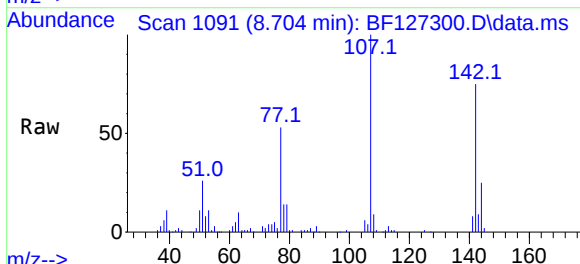
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

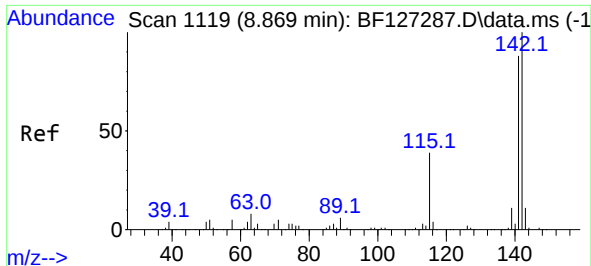
Tgt Ion:113 Resp: 18064
 Ion Ratio Lower Upper
 113 100
 55 261.8 183.9 223.9#
 56 195.6 129.9 169.9#



#36
 4-Chloro-3-methylphenol
 Concen: 9.008 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

Tgt Ion:107 Resp: 63253
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.5 27.7
 142 75.5 58.1 87.1





#37

2-Methylnaphthalene

Concen: 9.630 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

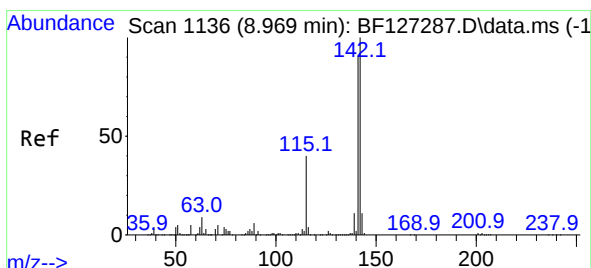
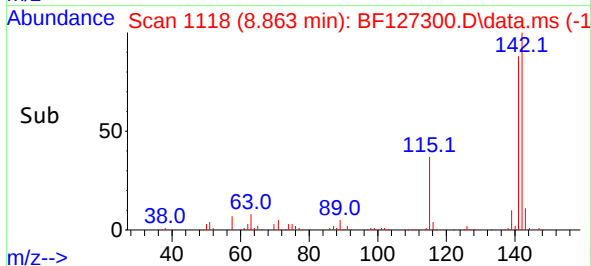
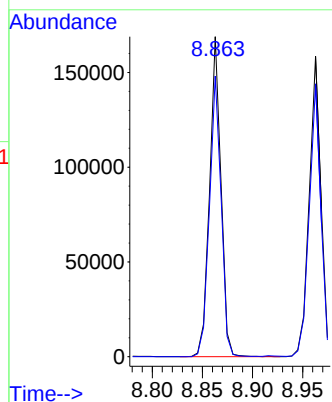
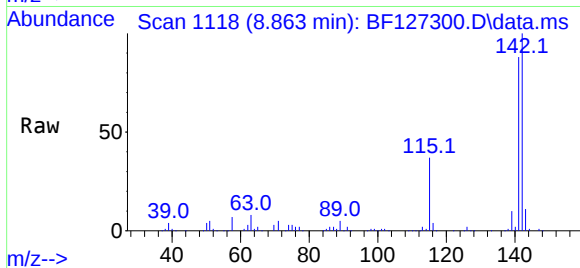
LOQ-SOIL-02-QT1-2022

Tgt Ion:142 Resp: 133372

Ion Ratio Lower Upper

142 100

141 87.7 68.6 102.8



#38

1-Methylnaphthalene

Concen: 9.626 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127300.D

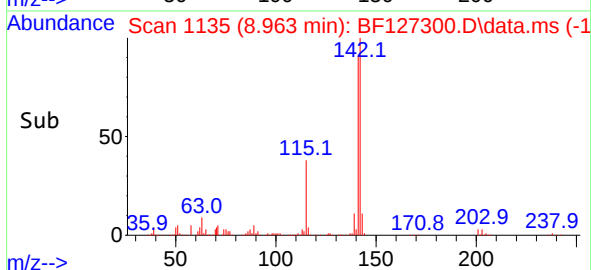
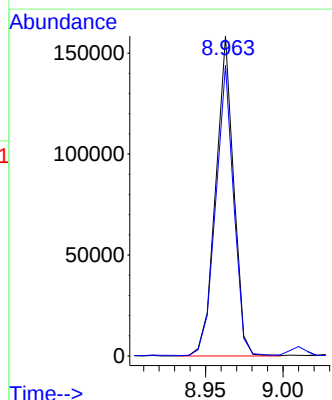
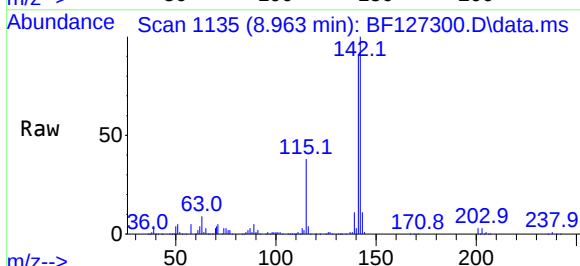
Acq: 11 Mar 2022 14:46

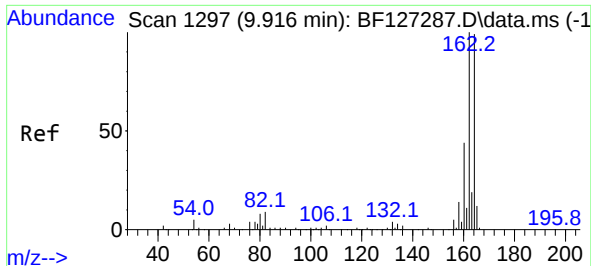
Tgt Ion:142 Resp: 128167

Ion Ratio Lower Upper

142 100

141 90.8 72.1 108.1

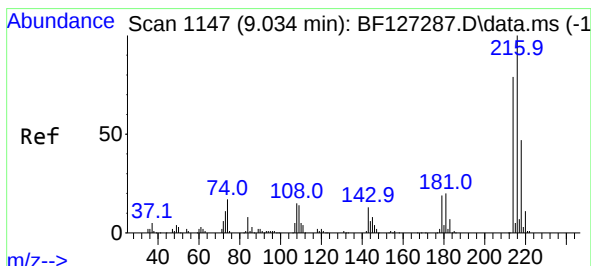
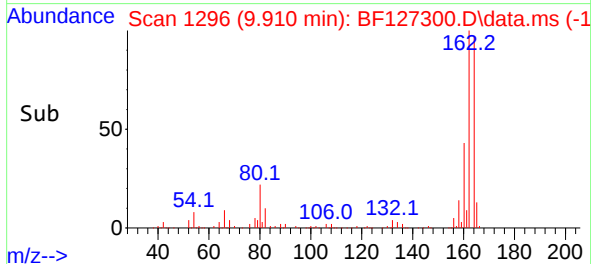
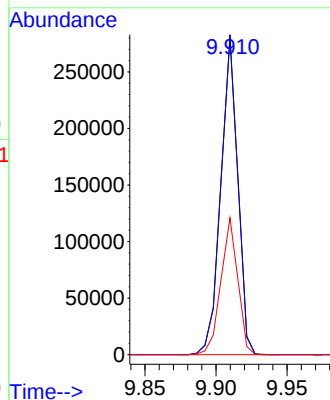
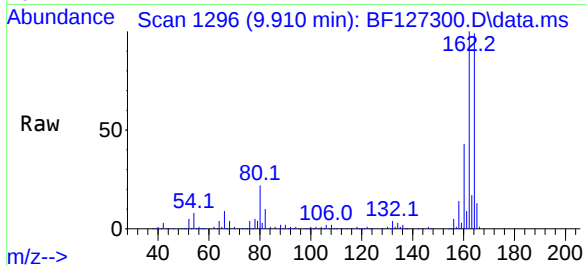




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

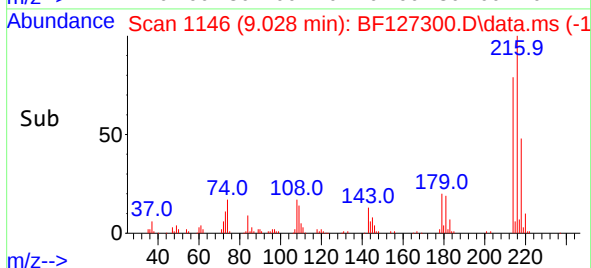
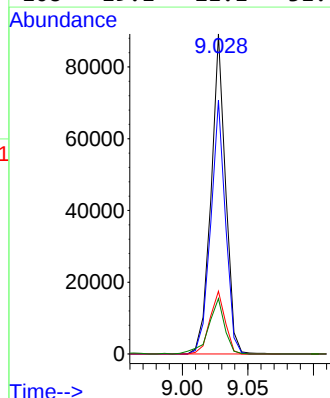
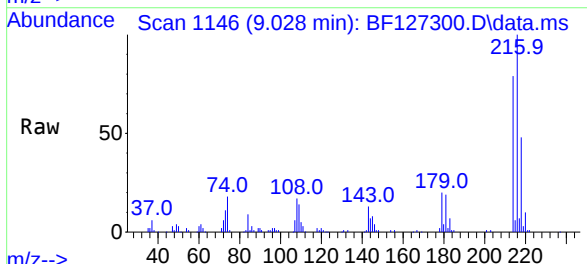
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022

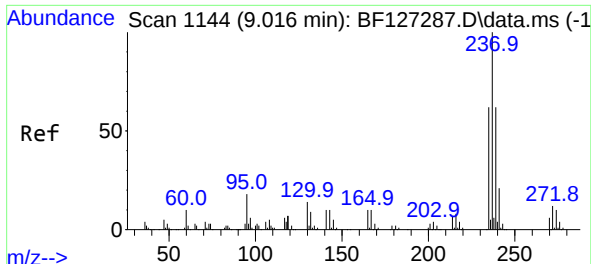
Tgt Ion:164 Resp: 233225
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.2 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.316 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:216 Resp: 68781
Ion Ratio Lower Upper
216 100
214 80.1 64.6 96.8
179 20.5 19.5 29.3
108 19.1 21.1 31.7#

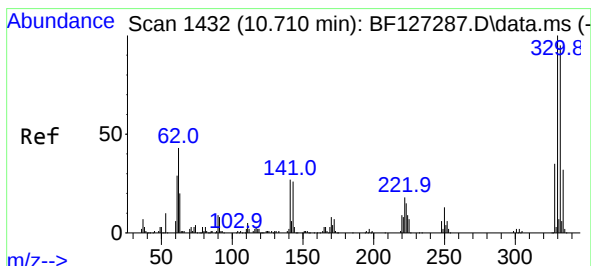
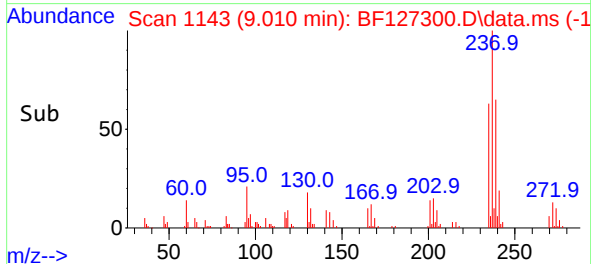
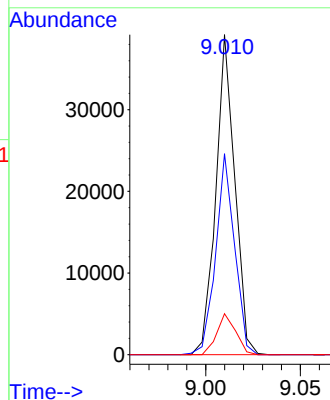
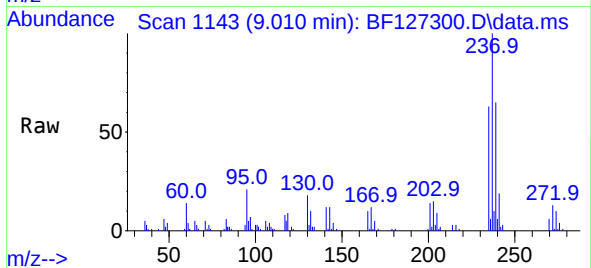




#41
Hexachlorocyclopentadiene
Concen: 10.527 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

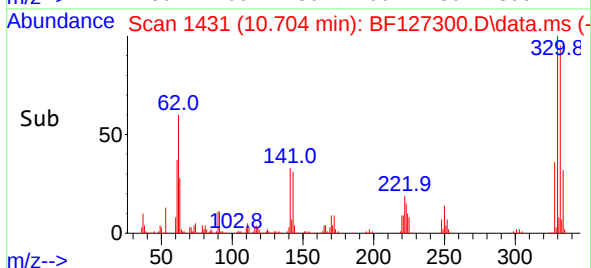
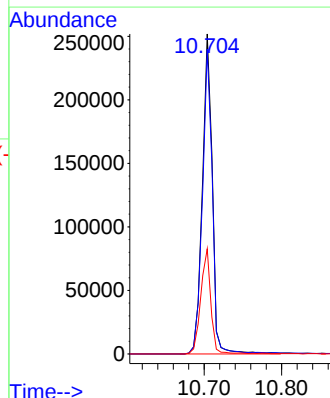
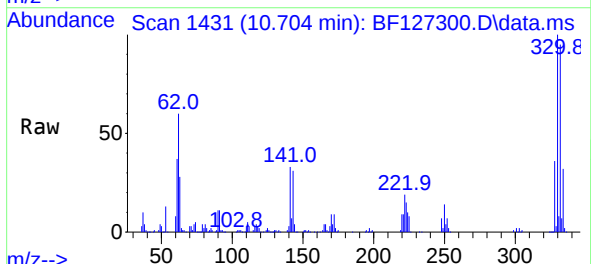
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

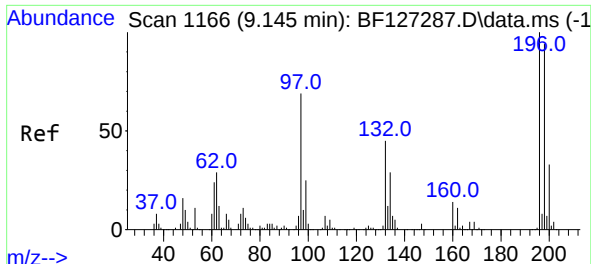
Tgt Ion:237 Resp: 27312
Ion Ratio Lower Upper
237 100
235 62.8 38.9 78.9
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 89.469 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:330 Resp: 224625
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 33.2 30.1 45.1

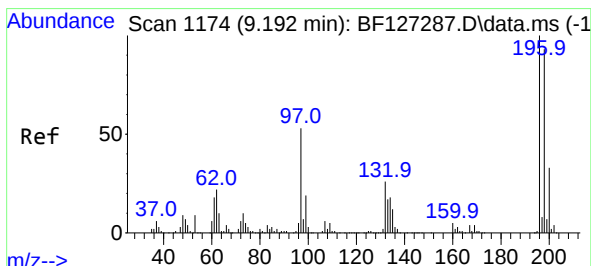
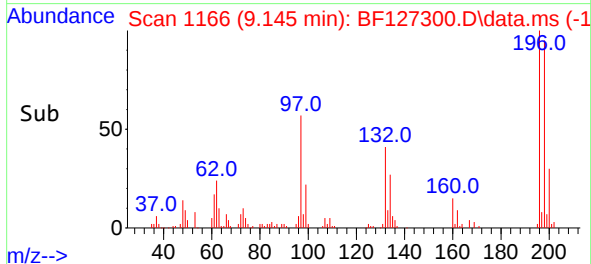
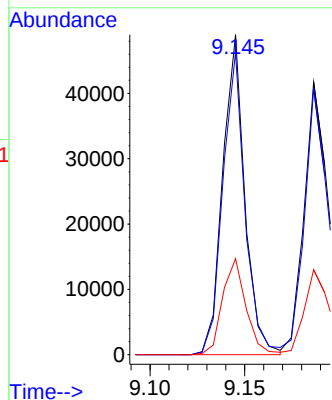
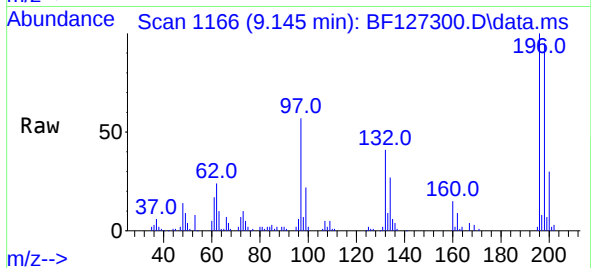




#43
2,4,6-Trichlorophenol
Concen: 8.548 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

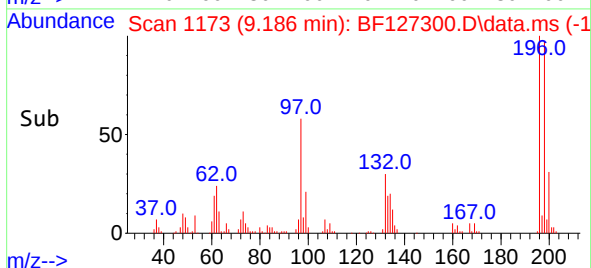
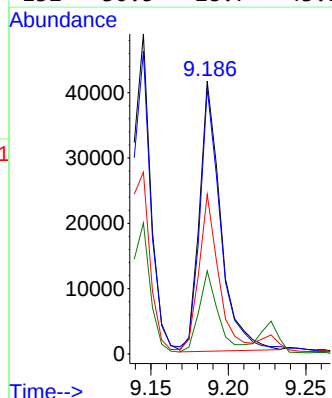
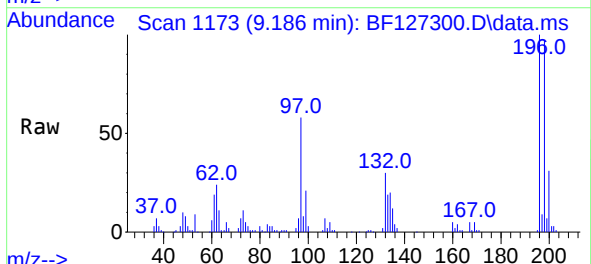
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

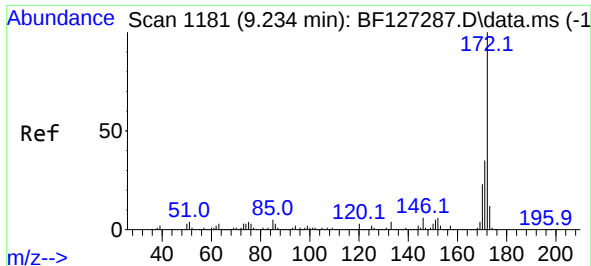
Tgt Ion:196 Resp: 39833
Ion Ratio Lower Upper
196 100
198 94.6 78.5 117.7
200 30.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 8.002 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:196 Resp: 39575
Ion Ratio Lower Upper
196 100
198 97.5 82.0 123.0
97 58.5 53.5 80.3
132 30.5 28.7 43.1

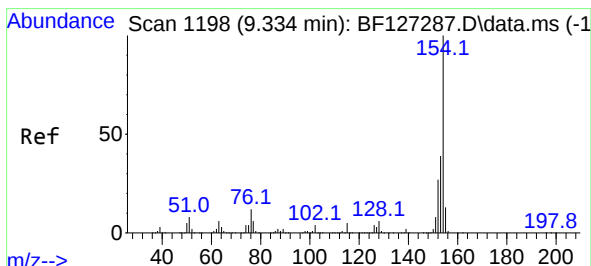
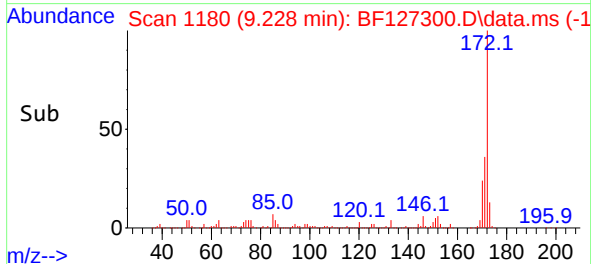
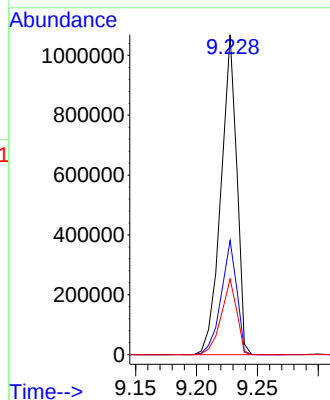
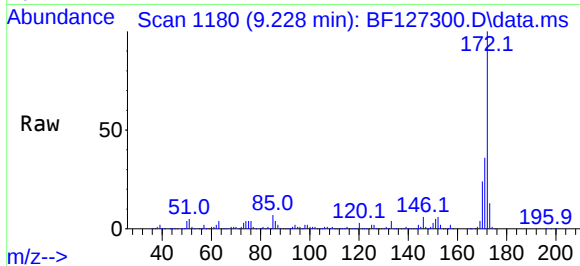




#45
2-Fluorobiphenyl
Concen: 58.727 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

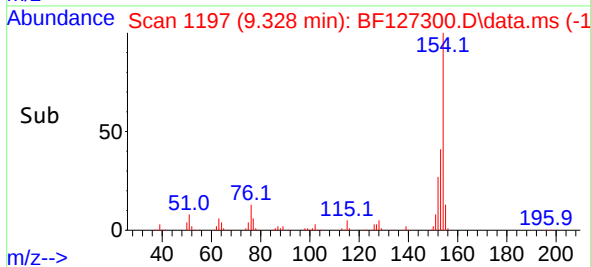
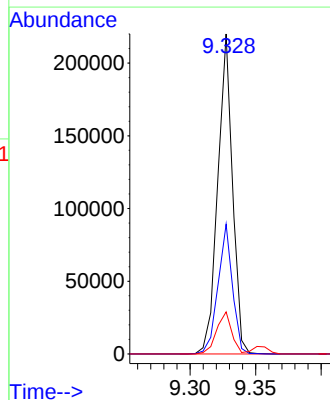
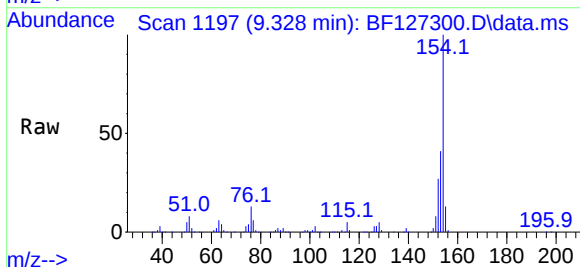
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

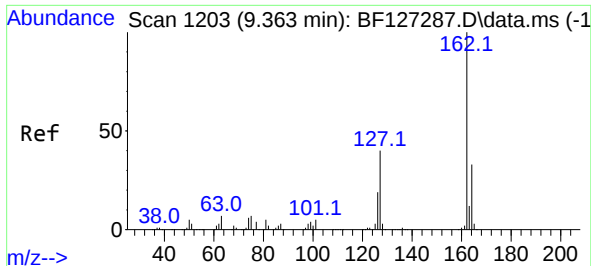
Tgt Ion:172 Resp: 968786
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 9.742 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:154 Resp: 171483
Ion Ratio Lower Upper
154 100
153 40.6 19.0 59.0
76 13.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 9.336 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

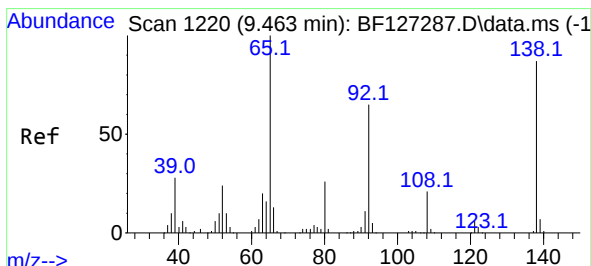
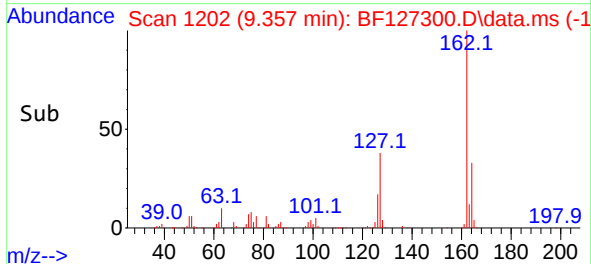
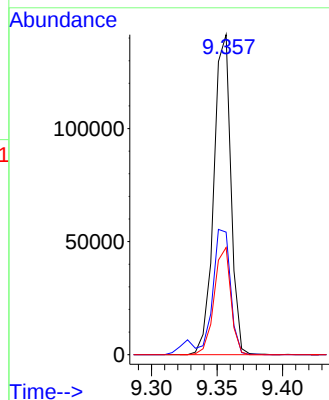
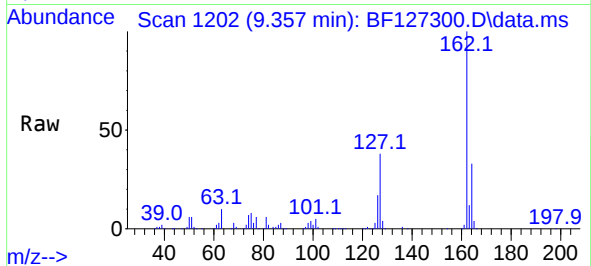
Tgt Ion:162 Resp: 127929

Ion Ratio Lower Upper

162 100

127 38.3 33.5 50.3

164 33.5 26.2 39.4



#48

2-Nitroaniline

Concen: 8.871 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

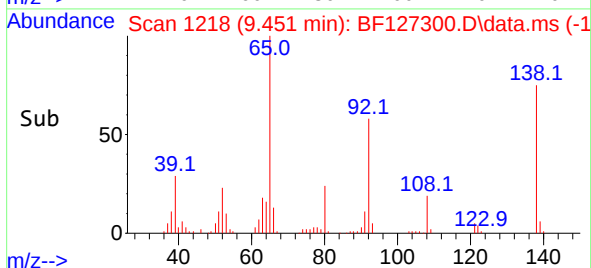
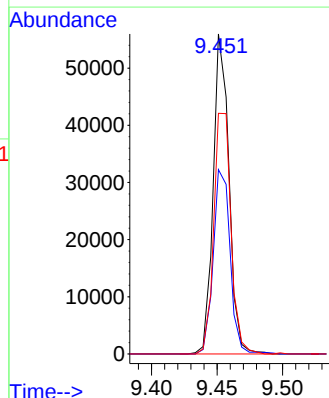
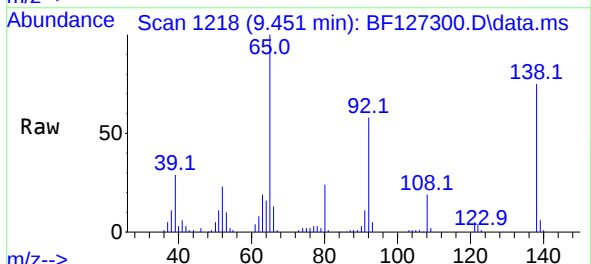
Tgt Ion: 65 Resp: 46767

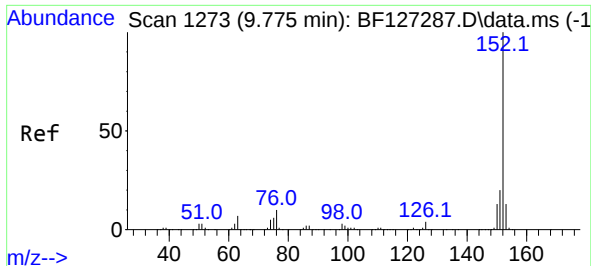
Ion Ratio Lower Upper

65 100

92 57.6 54.4 81.6

138 75.2 72.5 108.7





#49

Acenaphthylene

Concen: 10.169 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

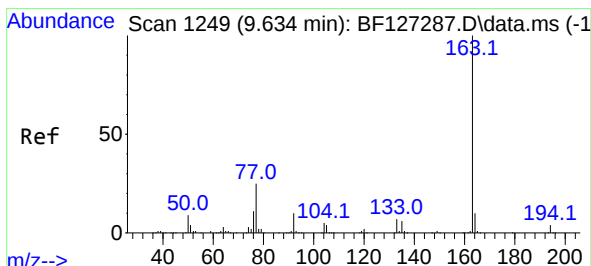
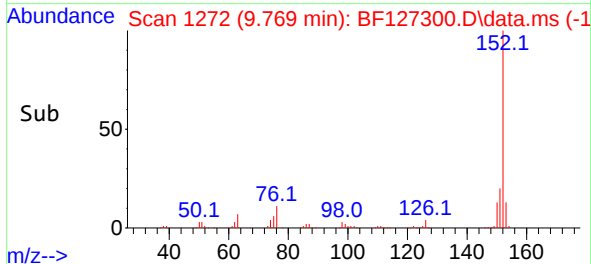
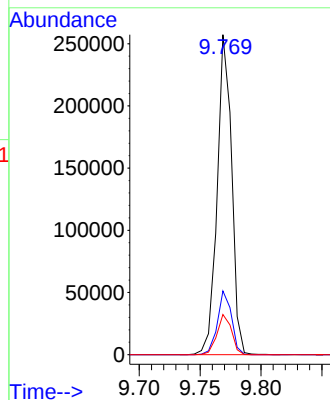
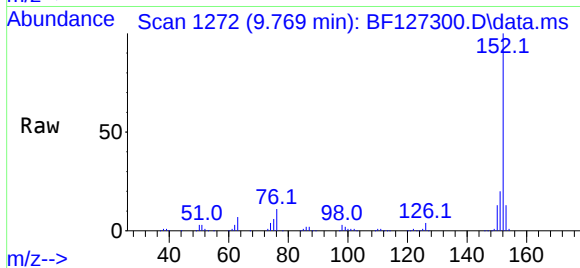
Tgt Ion:152 Resp: 213229

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 12.5 11.4 17.0



#50

Dimethylphthalate

Concen: 9.083 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

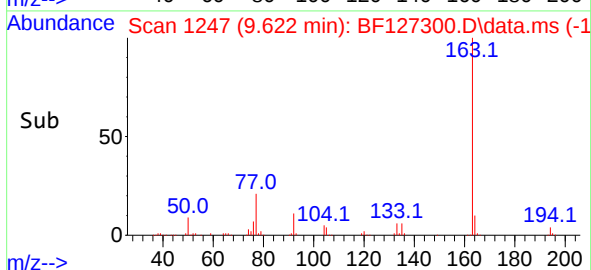
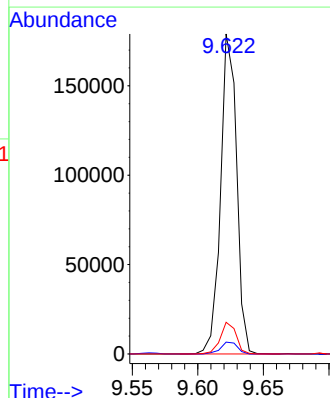
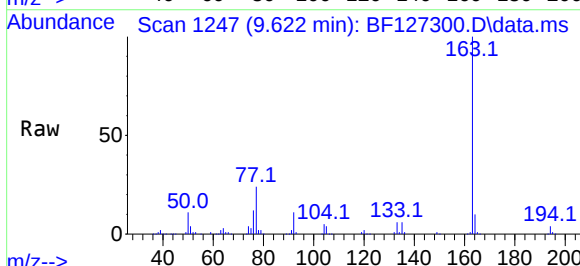
Tgt Ion:163 Resp: 151801

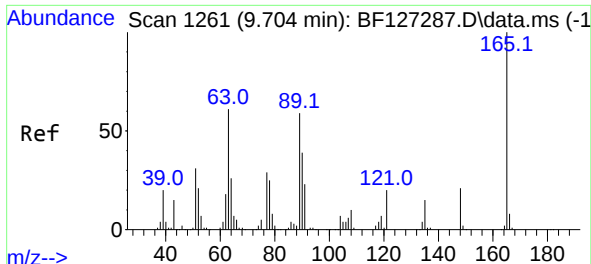
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

164 9.9 7.8 11.8

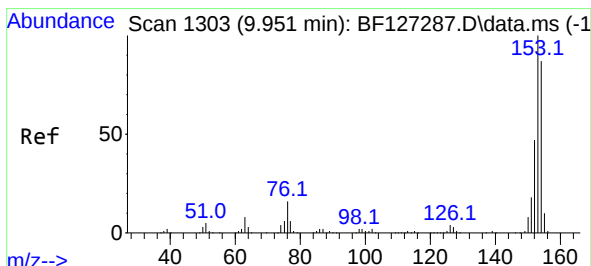
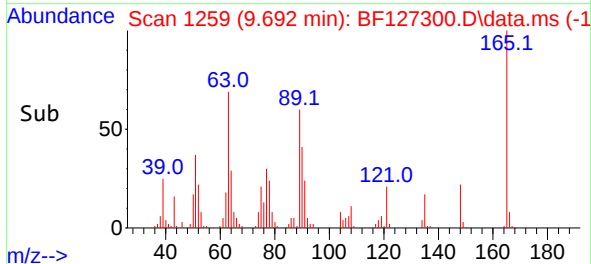
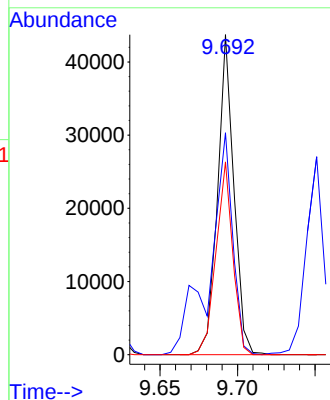
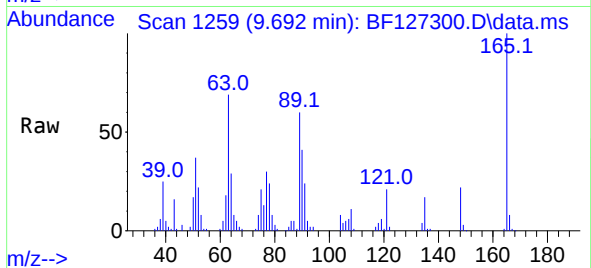




#51
2,6-Dinitrotoluene
Concen: 9.481 ng
RT: 9.692 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

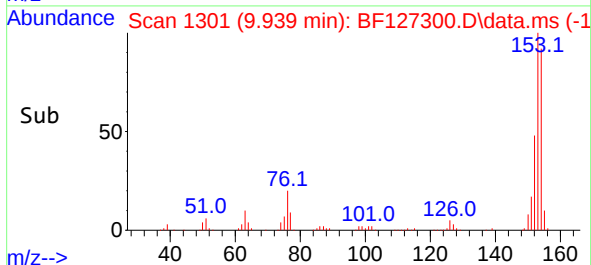
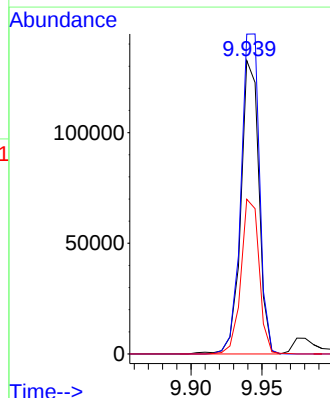
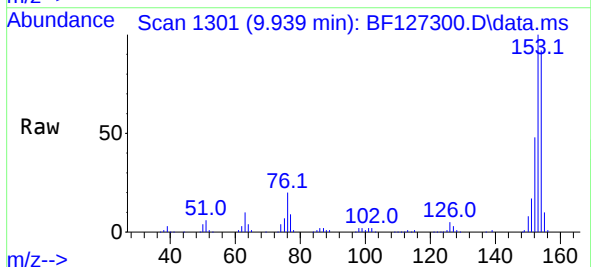
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

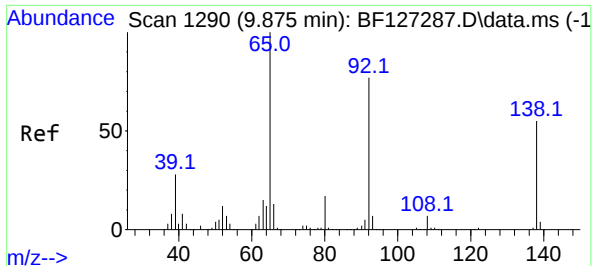
Tgt Ion:165 Resp: 32052
Ion Ratio Lower Upper
165 100
63 69.4 48.4 72.6
89 60.2 50.5 75.7



#52
Acenaphthene
Concen: 9.405 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:154 Resp: 117552
Ion Ratio Lower Upper
154 100
153 109.0 87.8 131.6
152 52.8 39.4 59.2

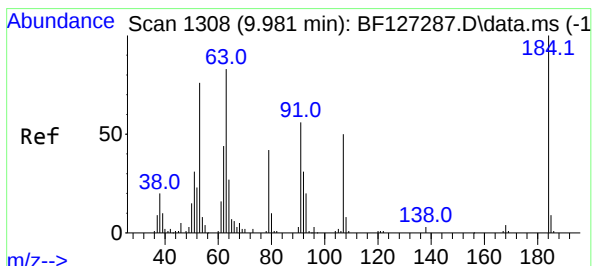
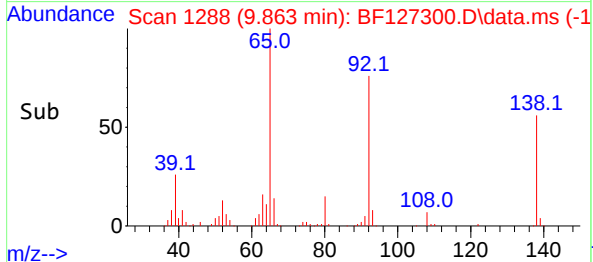
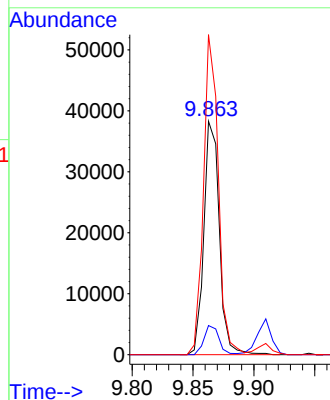
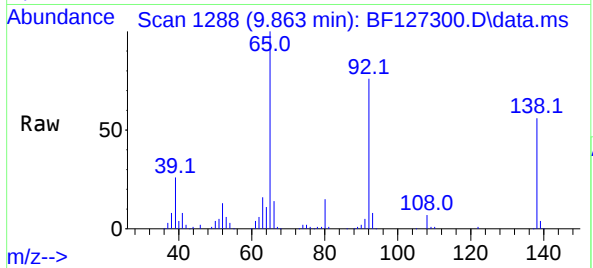




#53
3-Nitroaniline
Concen: 9.191 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

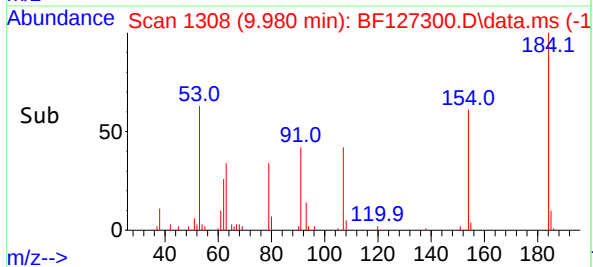
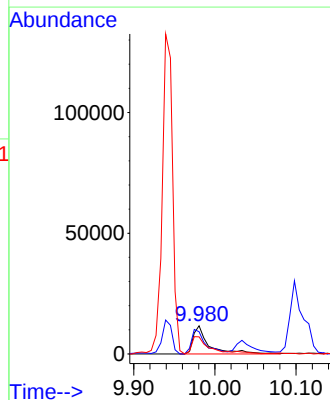
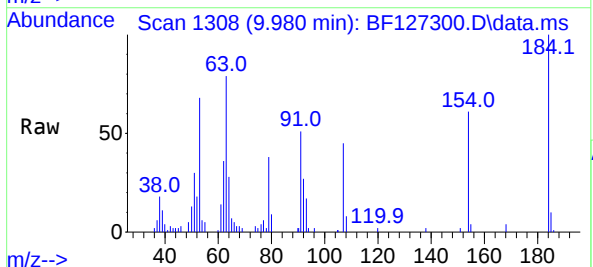
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

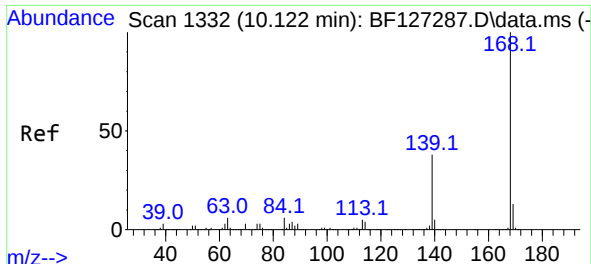
Tgt Ion:138 Resp: 33859
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 137.1 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 9.600 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.001 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:184 Resp: 15991
Ion Ratio Lower Upper
184 100
63 79.1 70.4 105.6
154 60.7 49.7 74.5

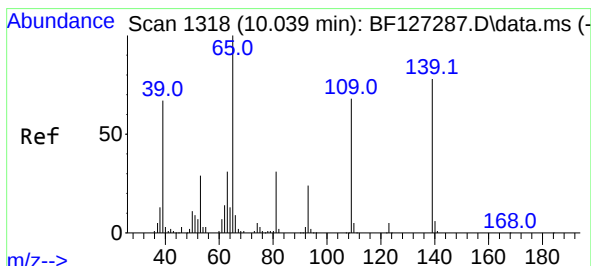
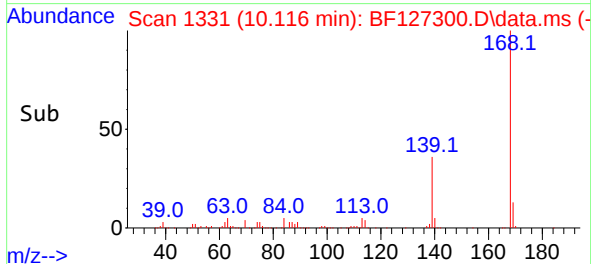
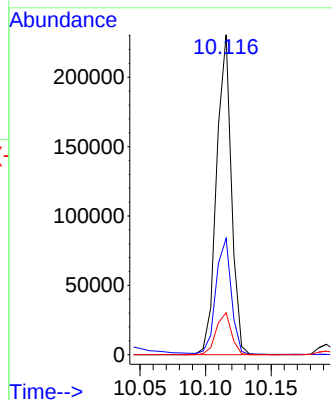
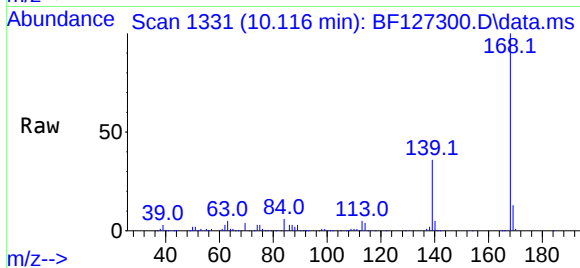




#55
Dibenzofuran
Concen: 9.319 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

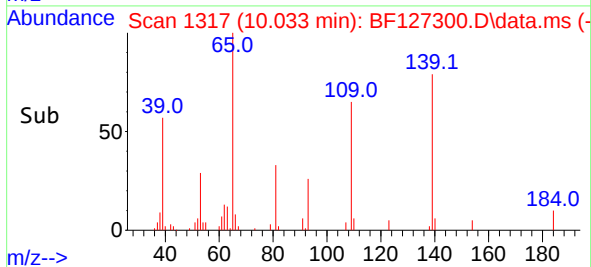
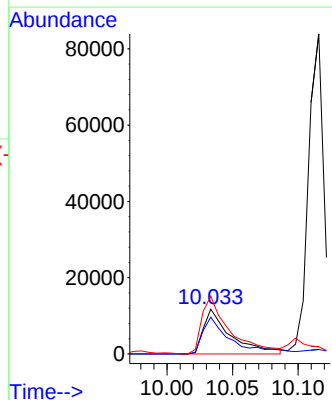
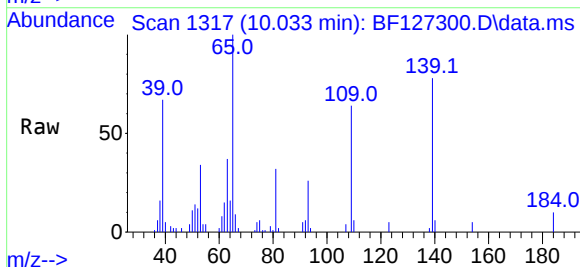
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

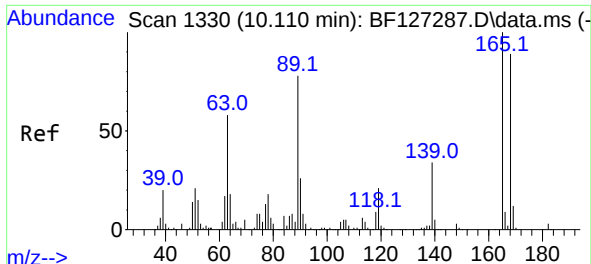
Tgt Ion:168 Resp: 180970
Ion Ratio Lower Upper
168 100
139 36.4 30.6 46.0
169 13.1 10.0 15.0



#56
4-Nitrophenol
Concen: 7.645 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

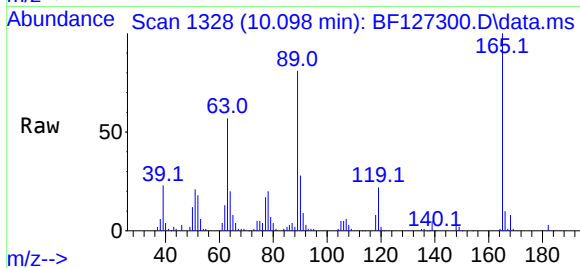
Tgt Ion:139 Resp: 17118
Ion Ratio Lower Upper
139 100
109 82.0 44.1 84.1
65 128.8 85.5 125.5#



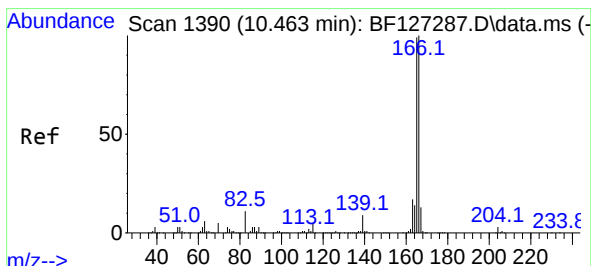
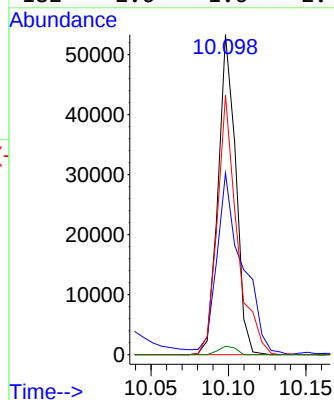
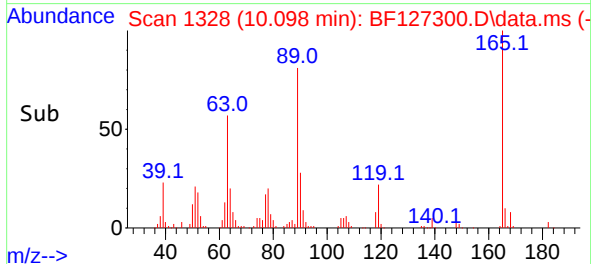


#57
2,4-Dinitrotoluene
Concen: 9.525 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

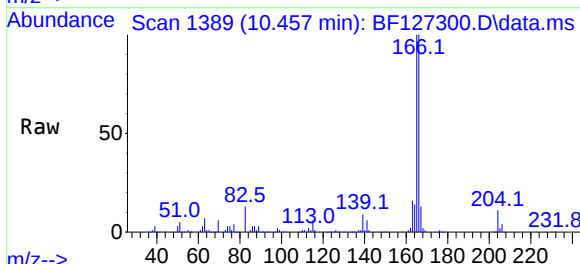
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022



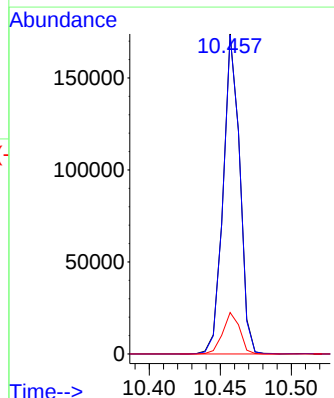
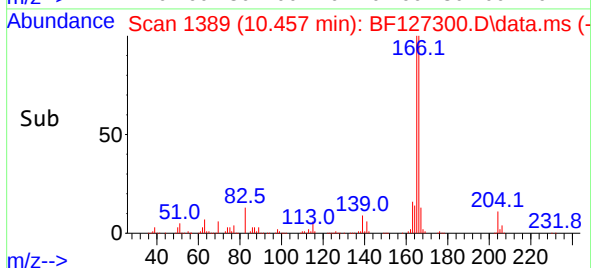
Tgt Ion:165 Resp: 42365
Ion Ratio Lower Upper
165 100
63 56.8 43.0 64.6
89 81.1 71.0 106.4
182 2.6 1.6 2.4#

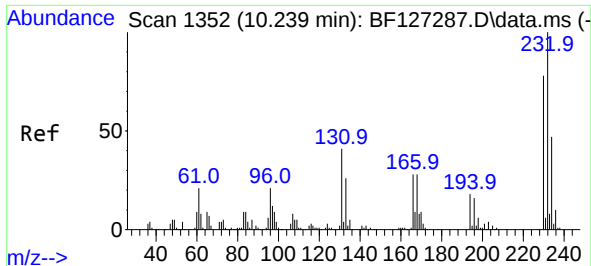


#58
Fluorene
Concen: 9.335 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46



Tgt Ion:166 Resp: 140558
Ion Ratio Lower Upper
166 100
165 99.6 77.7 116.5
167 13.0 10.7 16.1

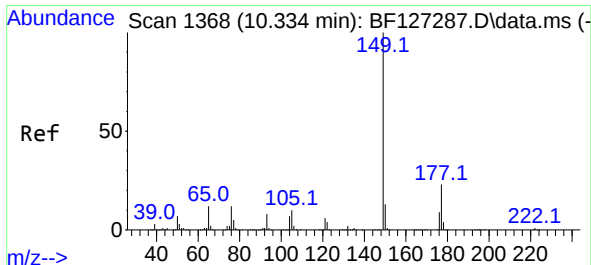
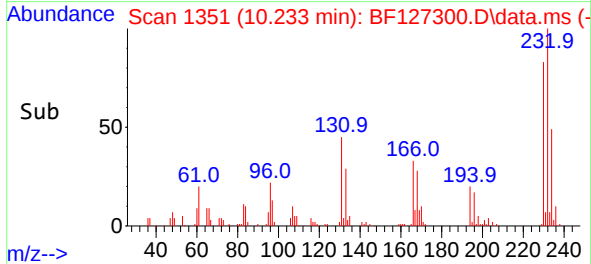
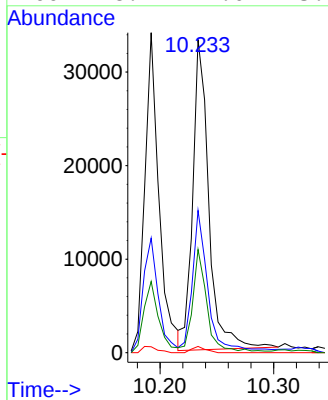
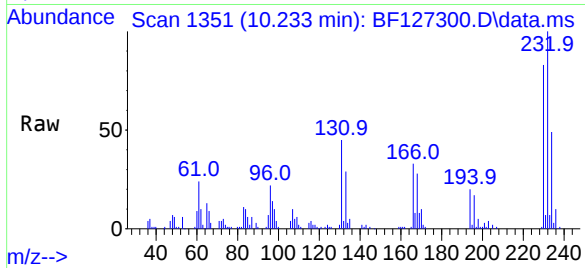




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.947 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

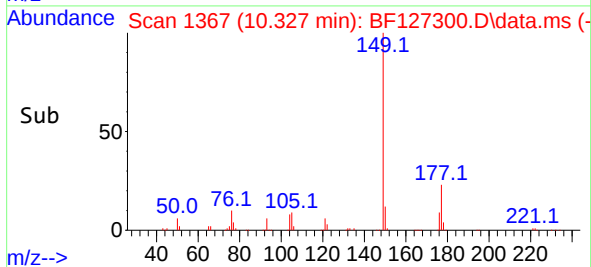
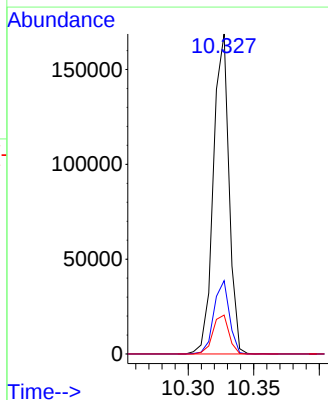
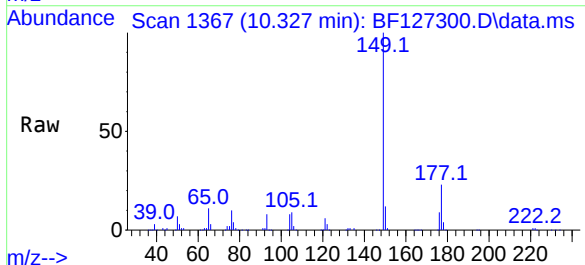
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

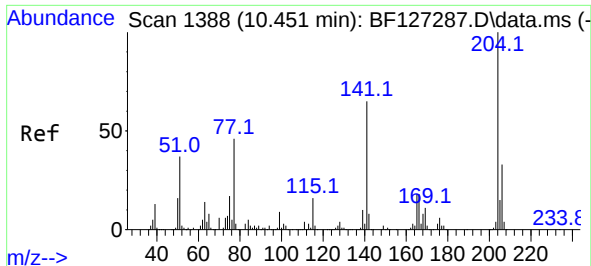
Tgt Ion:232 Resp: 32662
Ion Ratio Lower Upper
232 100
131 45.5 50.0 75.0#
130 1.7 2.2 3.2#
166 28.4 29.0 43.4#



#60
Diethylphthalate
Concen: 9.171 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:149 Resp: 139798
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.1 9.8 14.8





#61

4-Chlorophenyl-phenylether

Concen: 9.222 ng

RT: 10.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

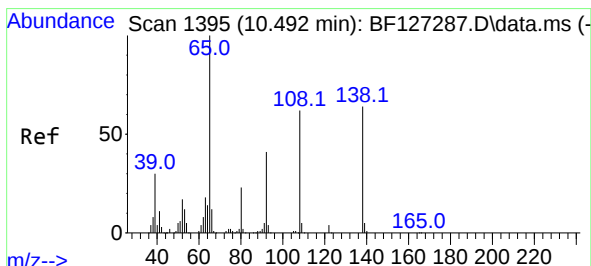
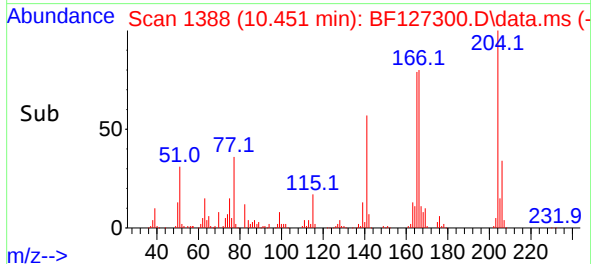
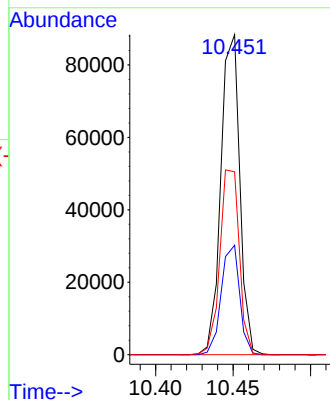
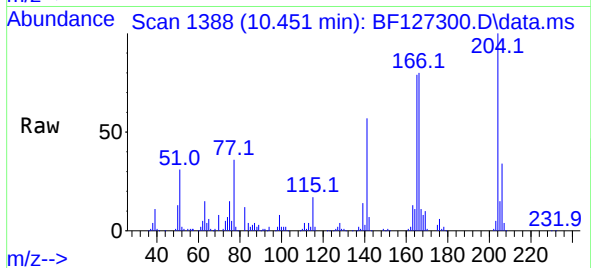
Tgt Ion:204 Resp: 75256

Ion Ratio Lower Upper

204 100

206 34.2 26.3 39.5

141 57.1 59.0 88.6#



#62

4-Nitroaniline

Concen: 9.066 ng

RT: 10.480 min Scan# 1393

Delta R.T. -0.012 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

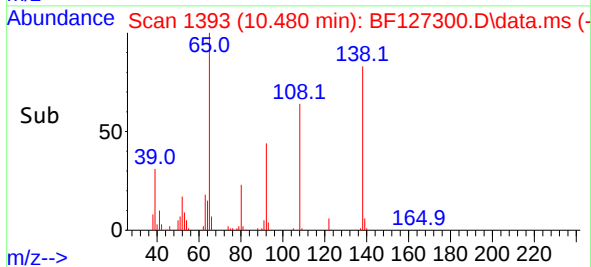
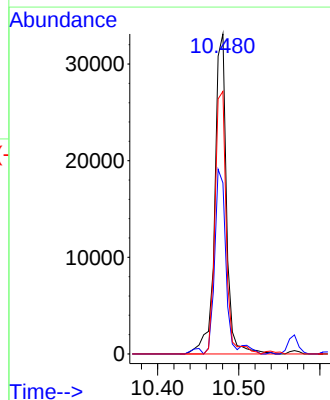
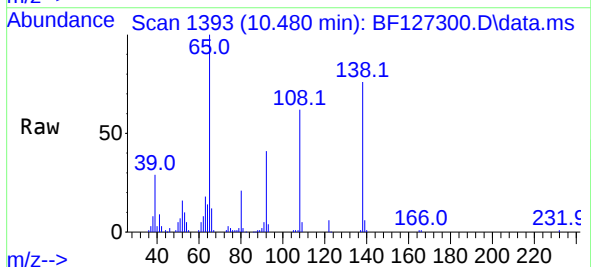
Tgt Ion:138 Resp: 33282

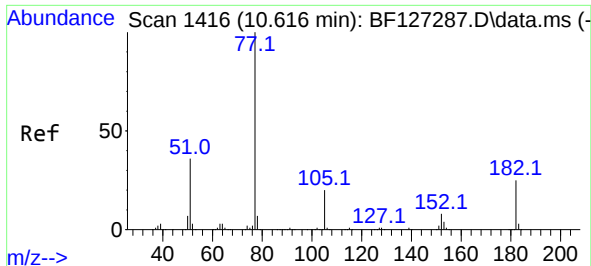
Ion Ratio Lower Upper

138 100

92 53.4 36.2 76.2

108 82.0 46.7 86.7

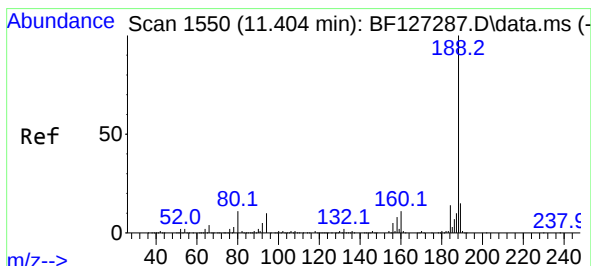
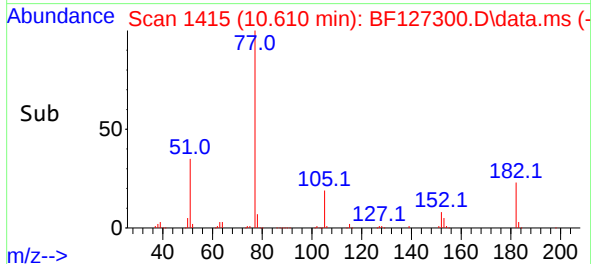
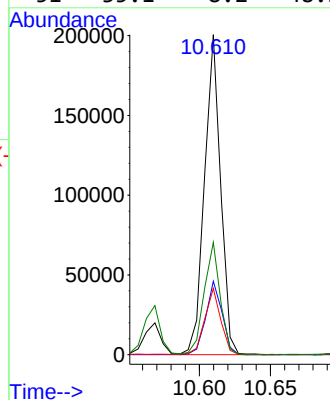
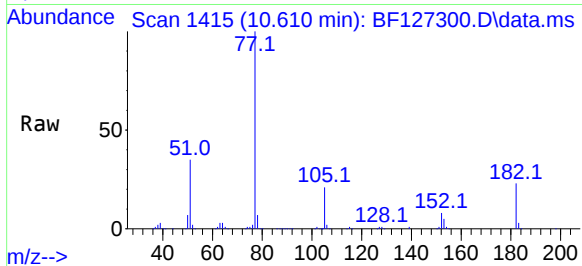




#63
Azobenzene
Concen: 9.047 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

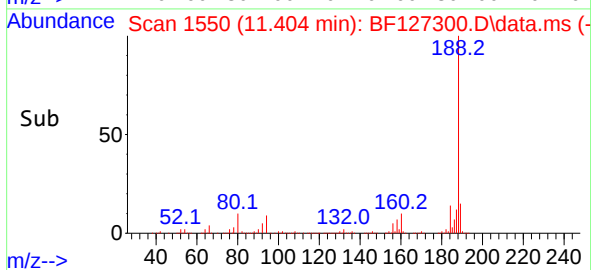
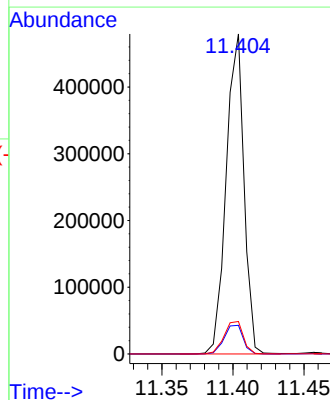
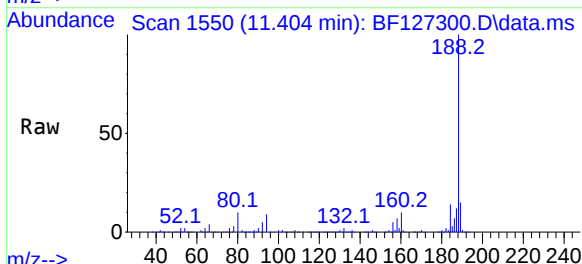
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

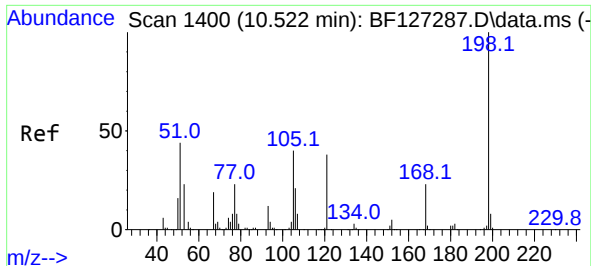
Tgt Ion: 77	Resp: 158538
Ion Ratio	Lower Upper
77 100	
182 22.9	0.0 39.0
105 20.7	3.2 43.2
51 35.1	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:188	Resp: 417432
Ion Ratio	Lower Upper
188 100	
94 9.0	10.1 15.1#
80 10.1	11.8 17.6#

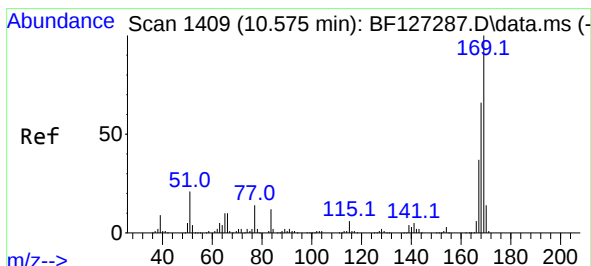
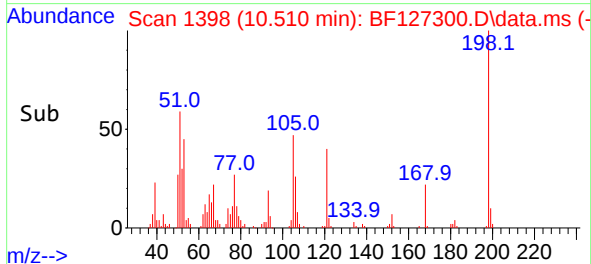
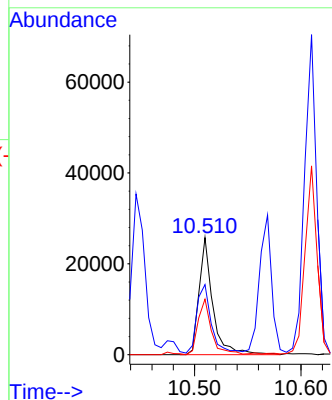
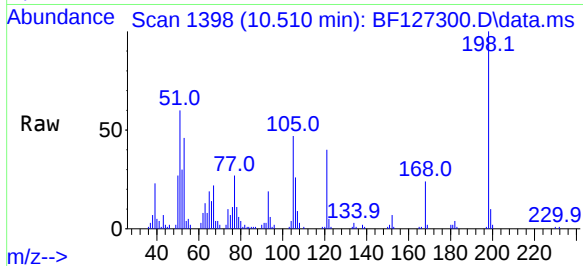




#65
4,6-Dinitro-2-methylphenol
Concen: 8.979 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

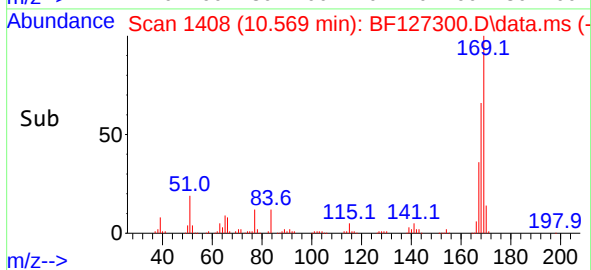
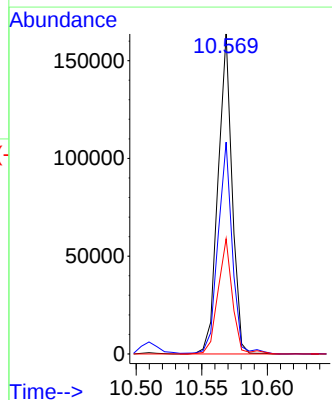
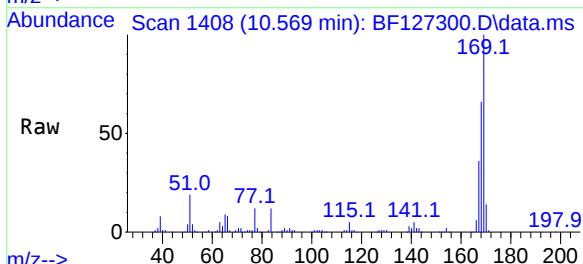
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

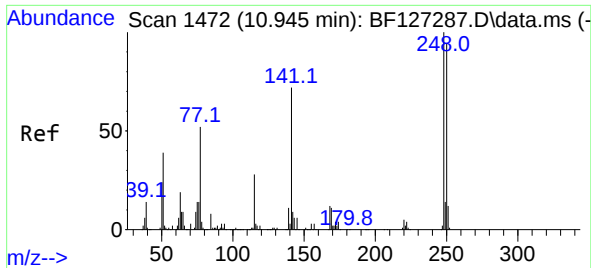
Tgt Ion:198 Resp: 23109
Ion Ratio Lower Upper
198 100
51 59.8 32.0 72.0
105 47.4 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 9.382 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:169 Resp: 121629
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.0 29.4 44.0

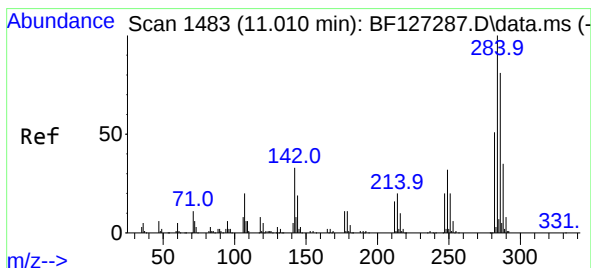
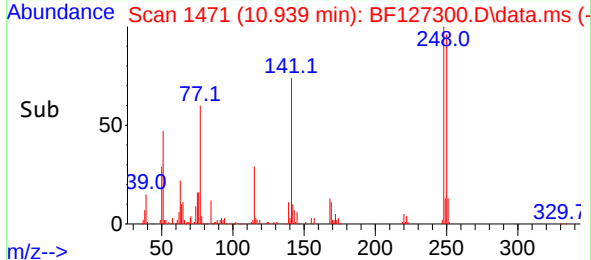
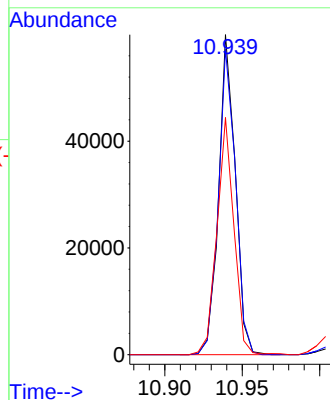
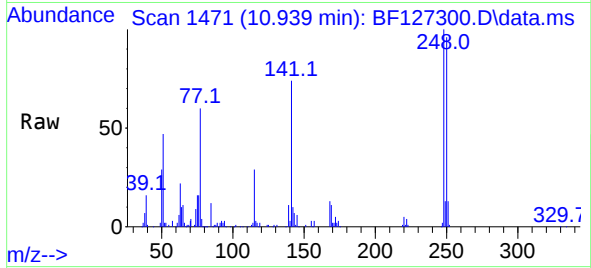




#67
4-Bromophenyl-phenylether
Concen: 8.896 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

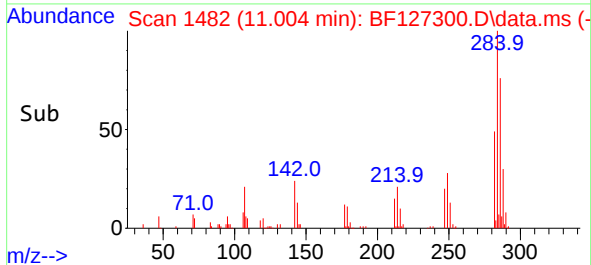
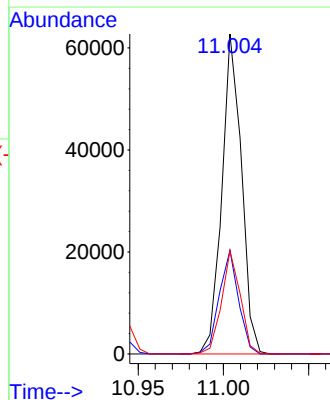
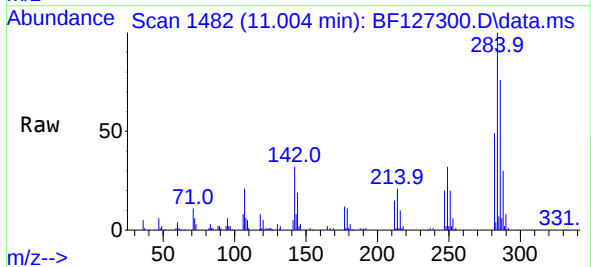
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

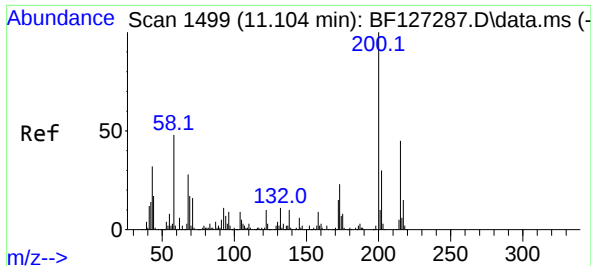
Tgt Ion:248 Resp: 44762
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.4
141 74.1 66.2 99.4



#68
Hexachlorobenzene
Concen: 9.135 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:284 Resp: 50096
Ion Ratio Lower Upper
284 100
142 32.4 30.7 46.1
249 32.2 21.1 31.7#

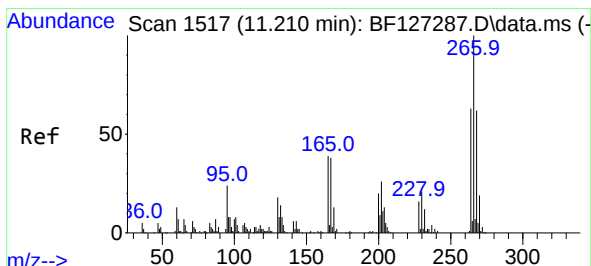
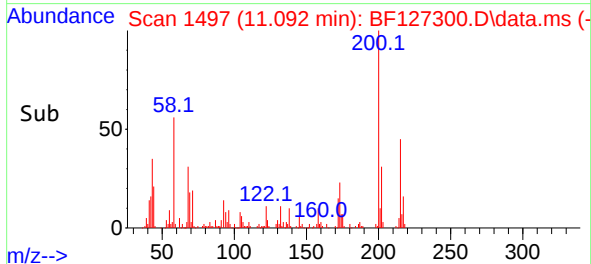
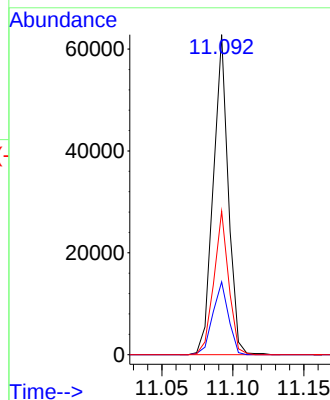
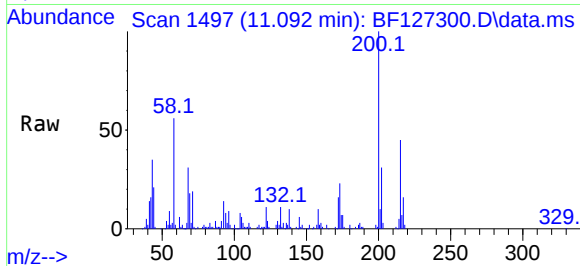




#69
Atrazine
Concen: 10.277 ng
RT: 11.092 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

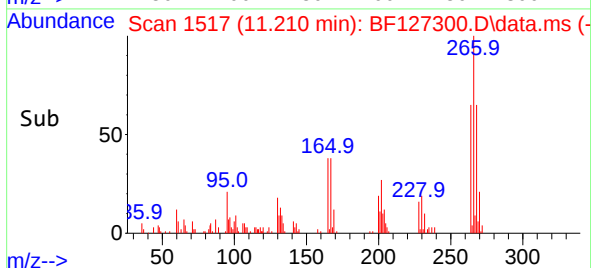
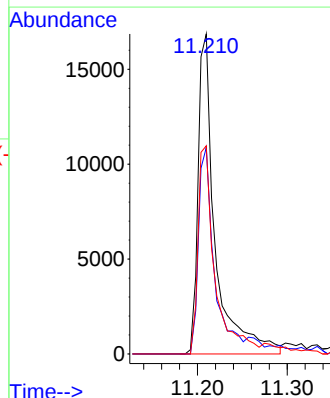
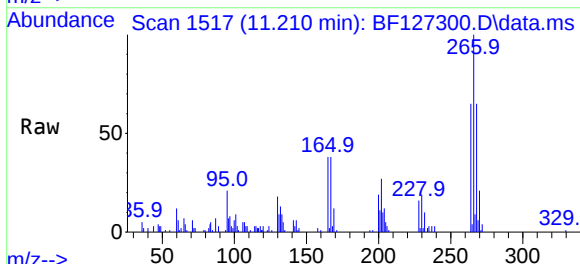
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

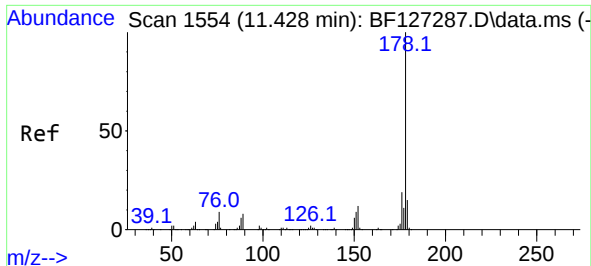
Tgt Ion:200 Resp: 45975
Ion Ratio Lower Upper
200 100
173 22.7 9.2 49.2
215 44.9 23.2 63.2



#70
Pentachlorophenol
Concen: 10.121 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:266 Resp: 22410
Ion Ratio Lower Upper
266 100
268 64.5 52.3 78.5
264 65.0 50.4 75.6

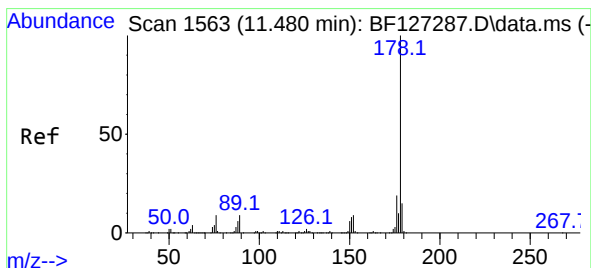
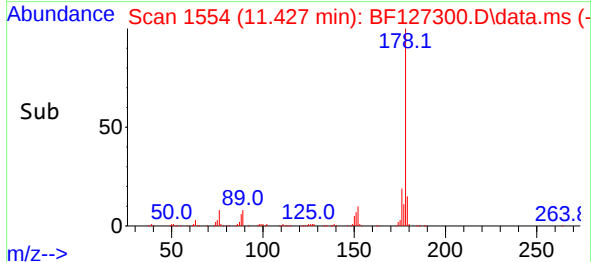
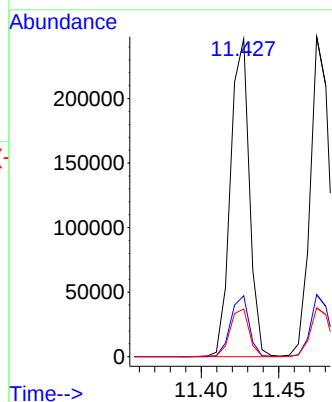
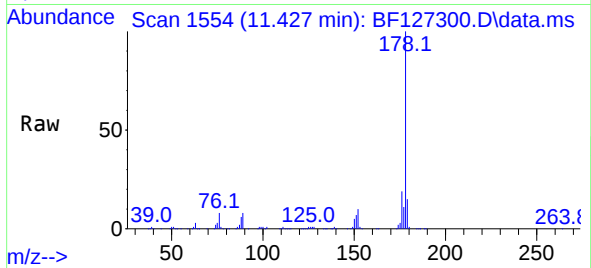




#71
Phenanthrene
Concen: 9.461 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

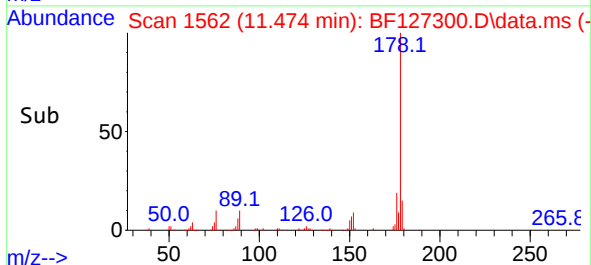
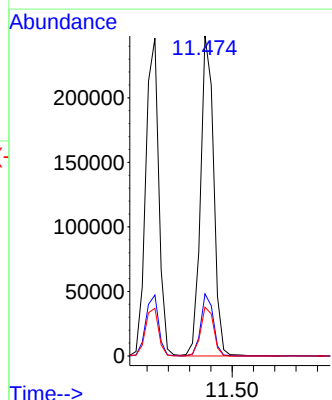
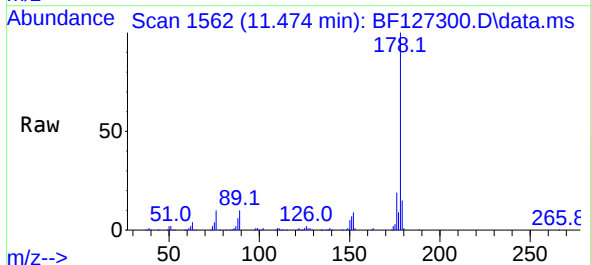
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

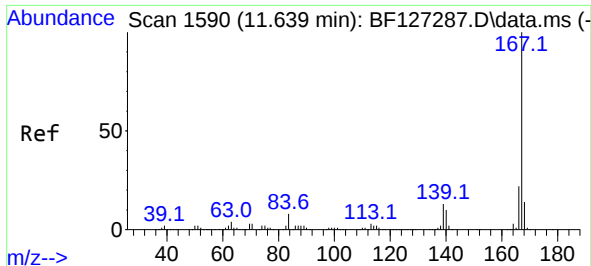
Tgt Ion:178 Resp: 208481
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.0 12.3 18.5



#72
Anthracene
Concen: 9.765 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:178 Resp: 213099
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 15.3 12.5 18.7

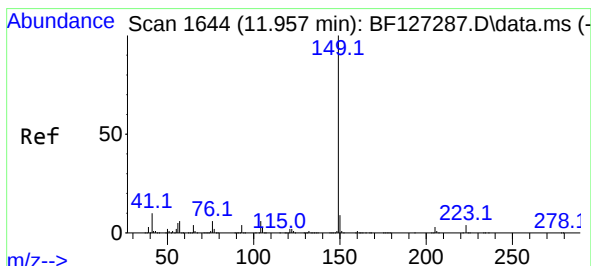
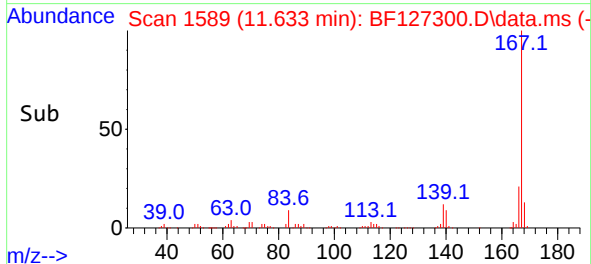
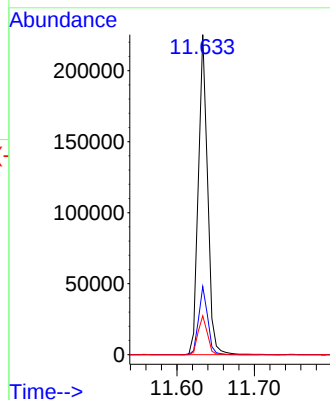
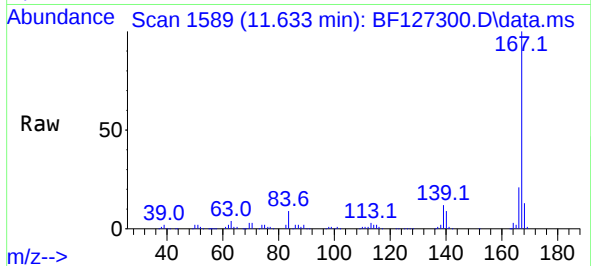




#73
 Carbazole
 Concen: 9.089 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

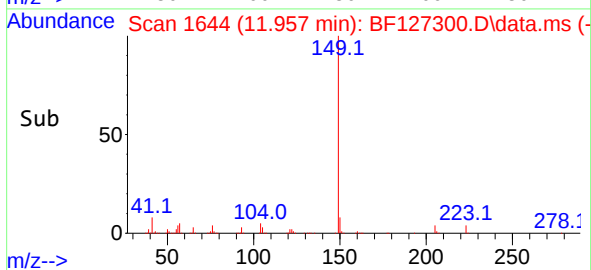
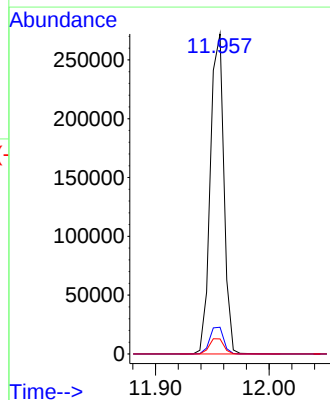
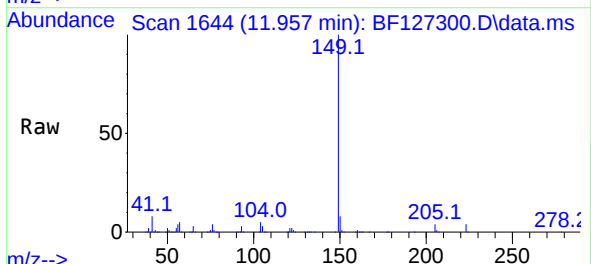
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

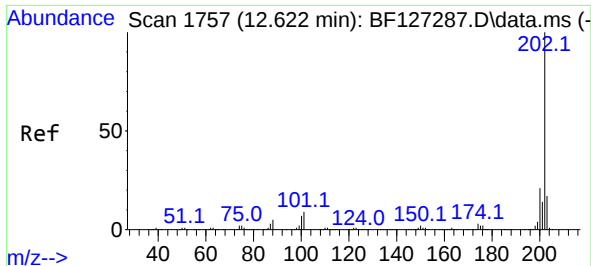
Tgt Ion:167 Resp: 186792
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.2 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 9.354 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

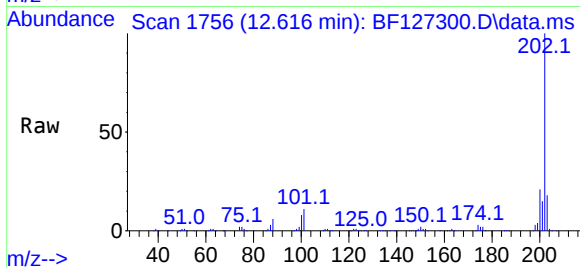
Tgt Ion:149 Resp: 224836
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.2 10.8
 104 4.7 4.2 6.2



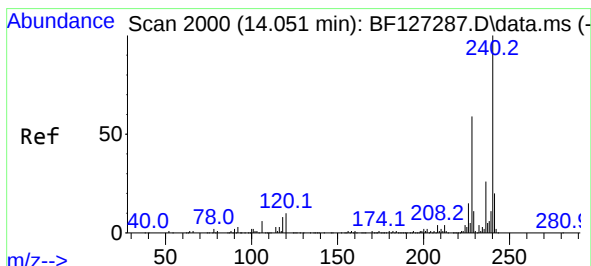
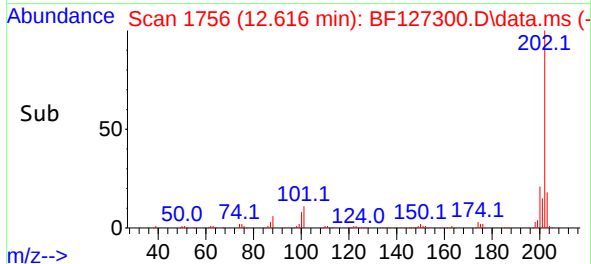
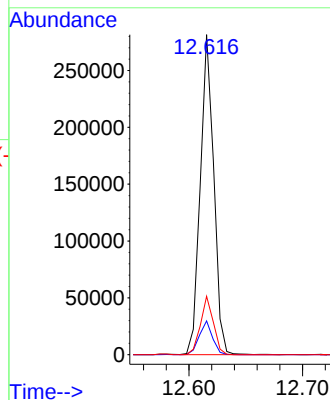


#75
Fluoranthene
Concen: 9.442 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

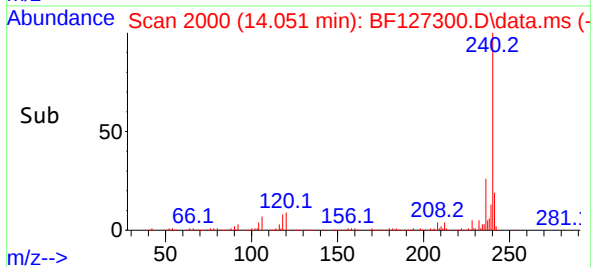
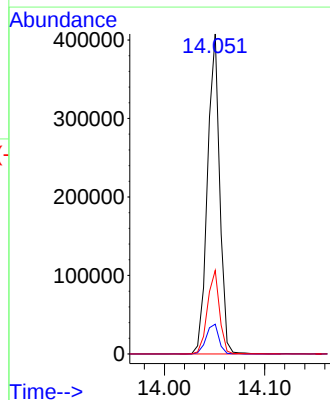
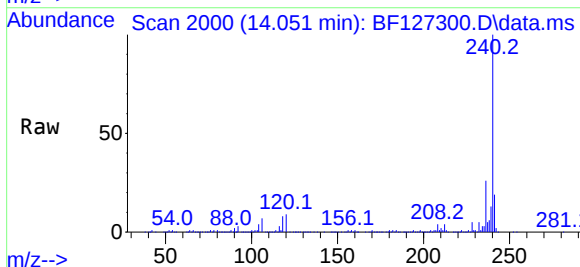


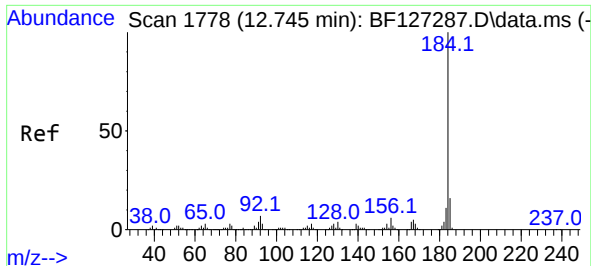
Tgt Ion:202 Resp: 232625
Ion Ratio Lower Upper
202 100
101 10.6 0.0 35.7
203 18.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:240 Resp: 345727
Ion Ratio Lower Upper
240 100
120 9.3 14.4 21.6#
236 26.1 20.5 30.7

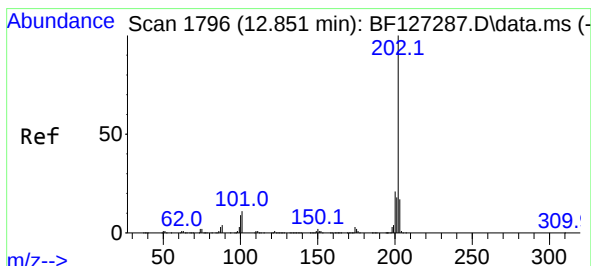
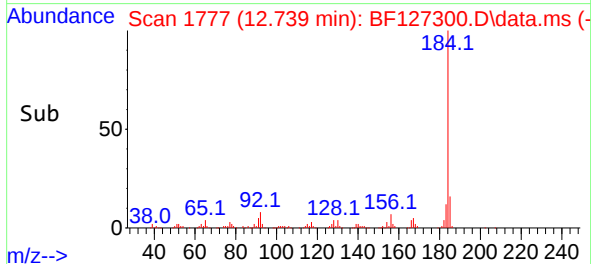
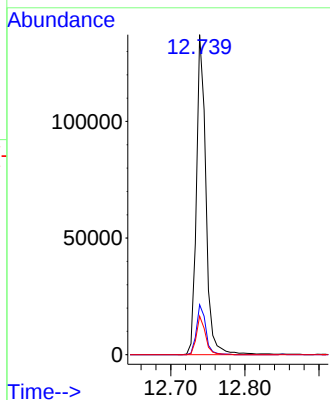
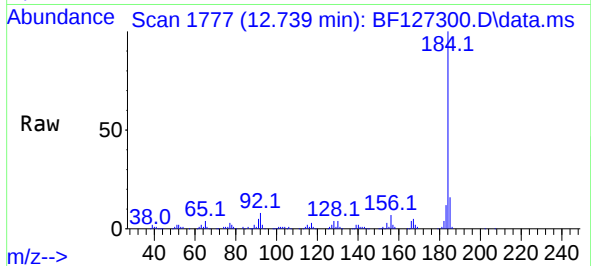




#77
Benzidine
Concen: 13.840 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

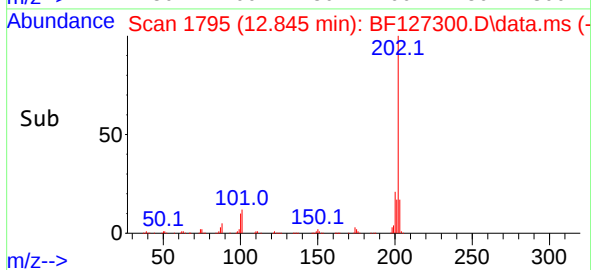
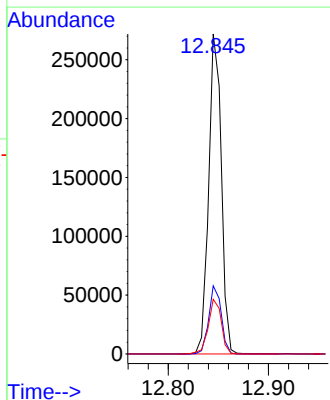
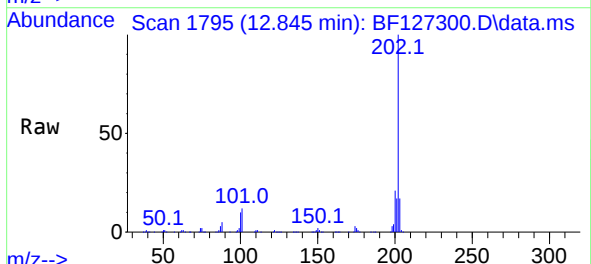
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

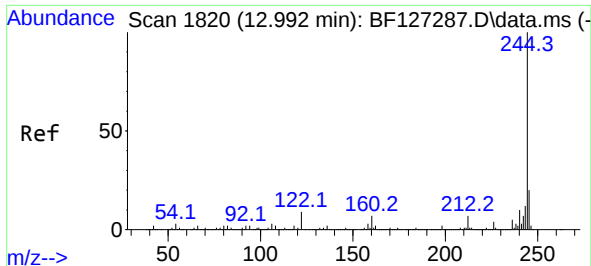
Tgt Ion:184 Resp: 121682
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 12.0 8.2 12.2



#78
Pyrene
Concen: 8.892 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

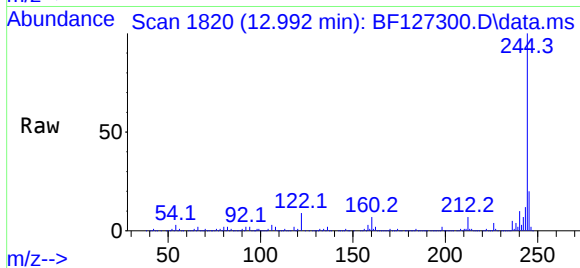
Tgt Ion:202 Resp: 239455
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.1 13.8 20.8



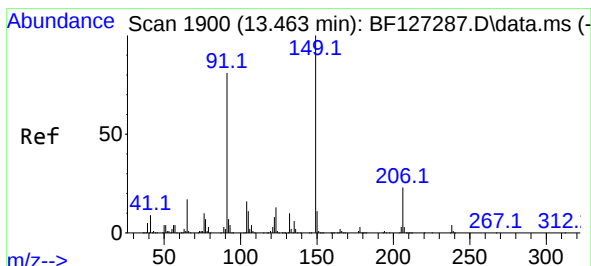
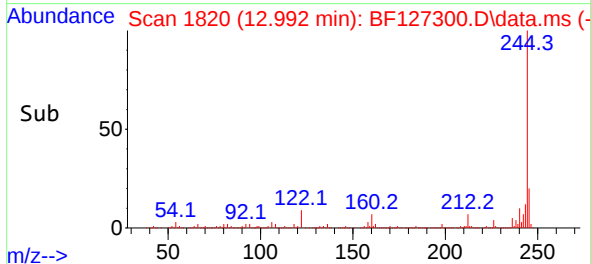
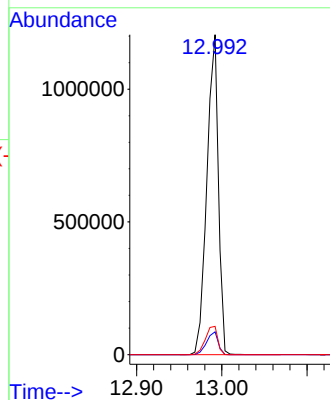


#79
 Terphenyl-d14
 Concen: 56.109 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

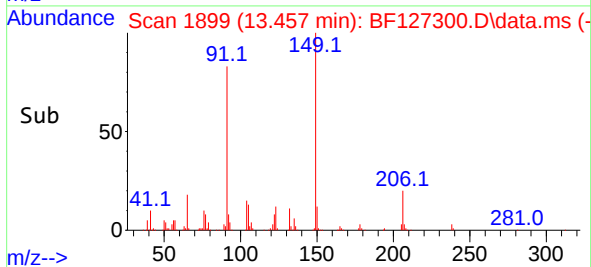
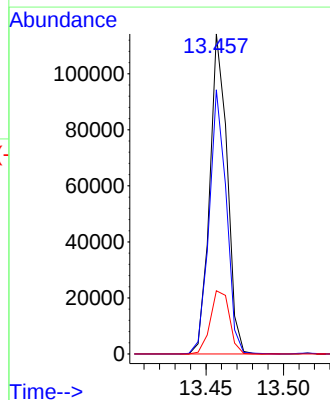
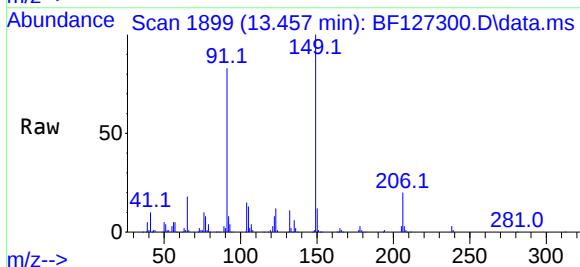


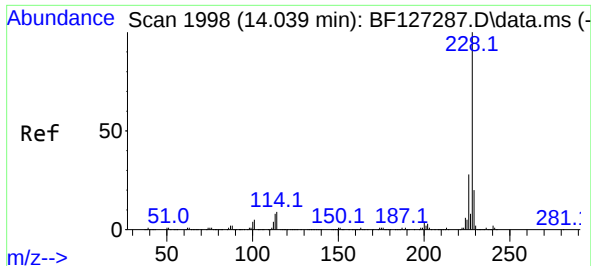
Tgt Ion:244 Resp: 1126542
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 8.8 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 8.641 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127300.D
 Acq: 11 Mar 2022 14:46

Tgt Ion:149 Resp: 89552
 Ion Ratio Lower Upper
 149 100
 91 82.6 70.5 105.7
 206 19.8 12.6 19.0#

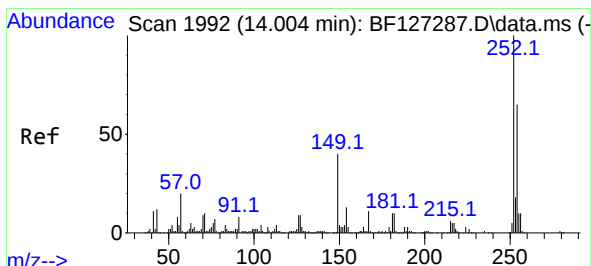
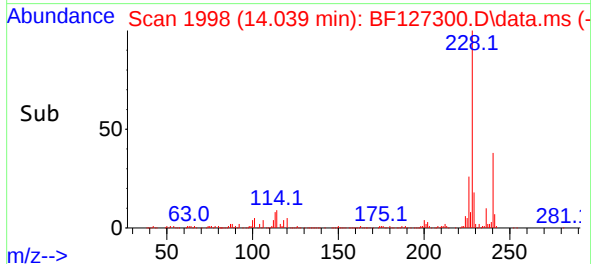
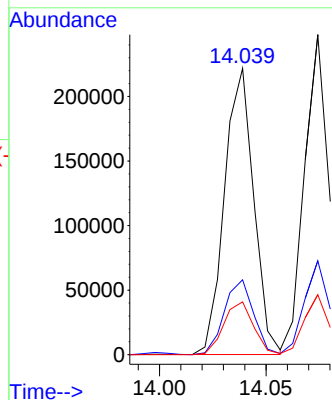
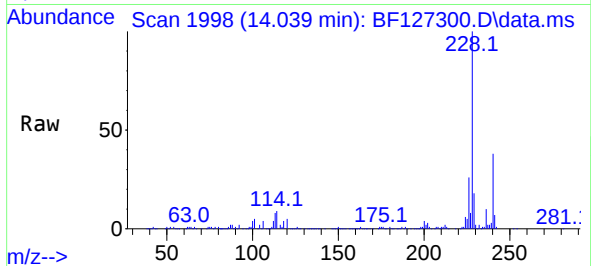




#81
Benzo(a)anthracene
Concen: 9.072 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

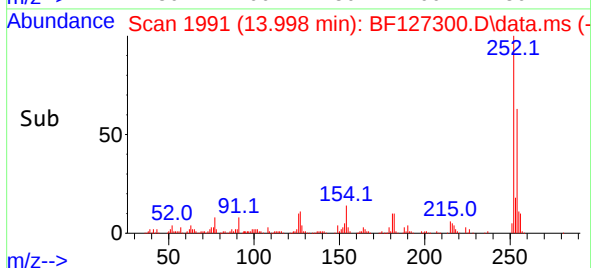
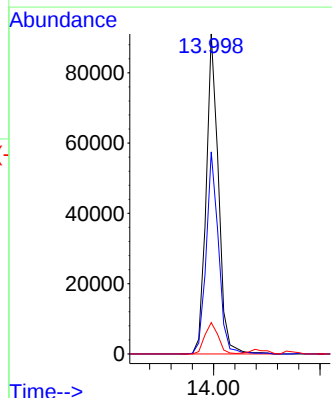
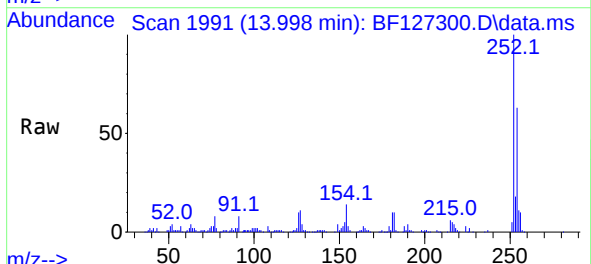
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022

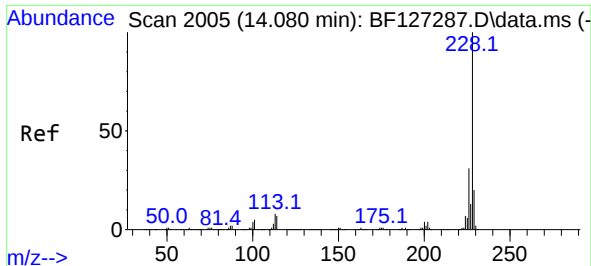
Tgt Ion:228 Resp: 211187
Ion Ratio Lower Upper
228 100
226 26.1 21.4 32.0
229 18.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 10.107 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:252 Resp: 73154
Ion Ratio Lower Upper
252 100
254 63.1 51.0 76.4
126 9.8 13.4 20.0#

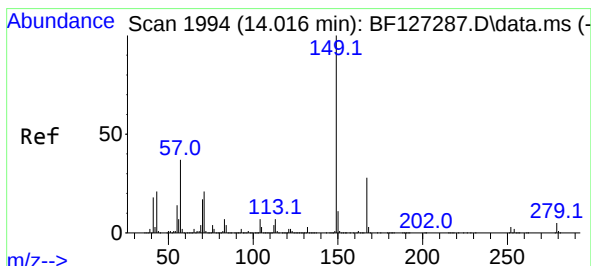
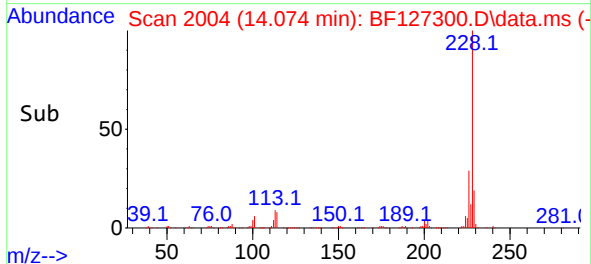
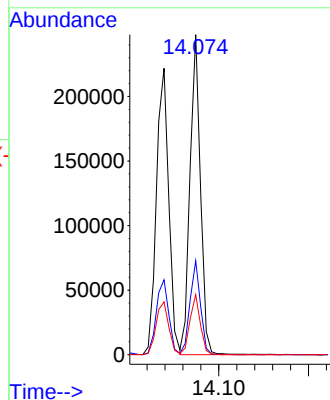
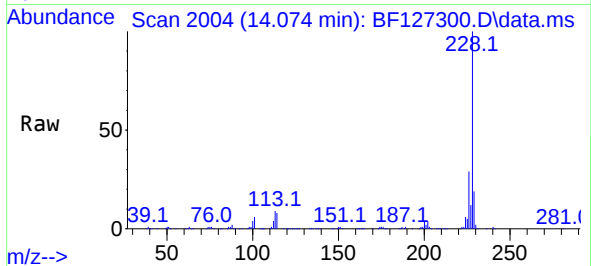




#83
Chrysene
Concen: 9.267 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

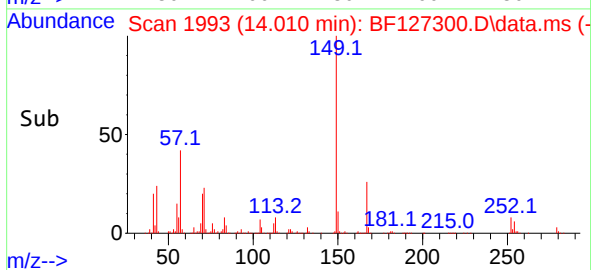
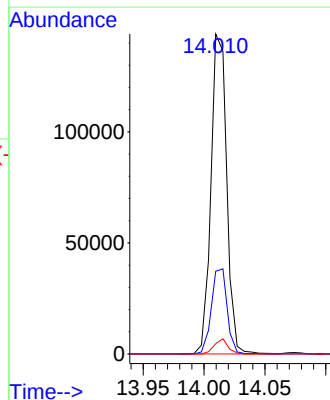
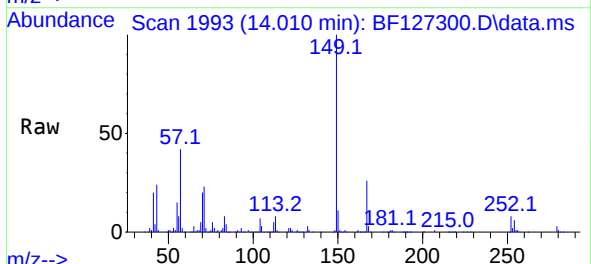
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

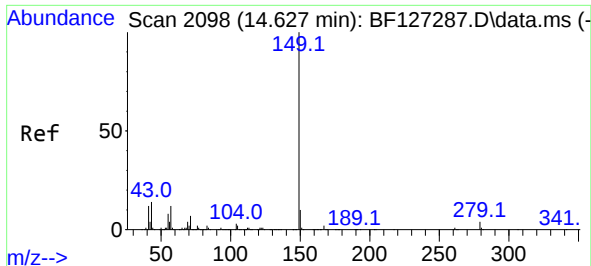
Tgt Ion:228 Resp: 200649
Ion Ratio Lower Upper
228 100
226 29.3 23.7 35.5
229 18.8 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.307 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:149 Resp: 129837
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 3.2 2.4 3.6

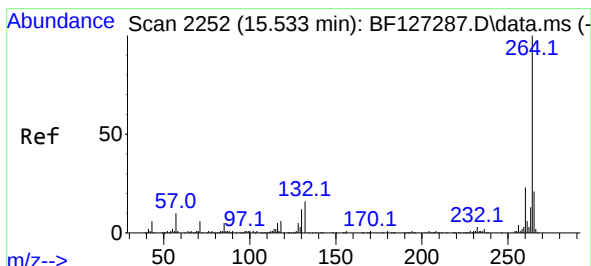
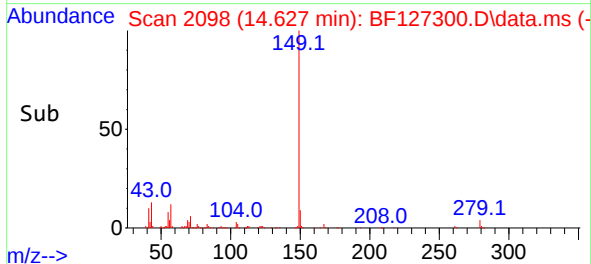
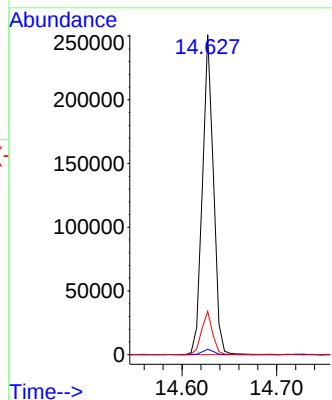
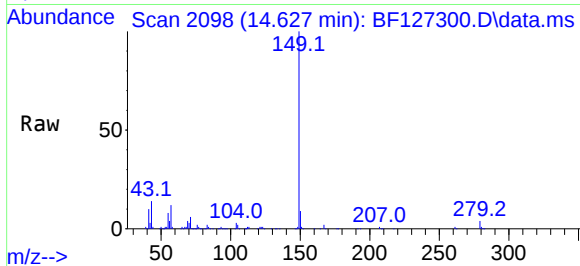




#85
Di-n-octyl phthalate
Concen: 9.653 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

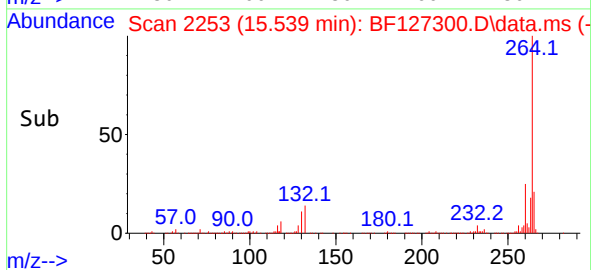
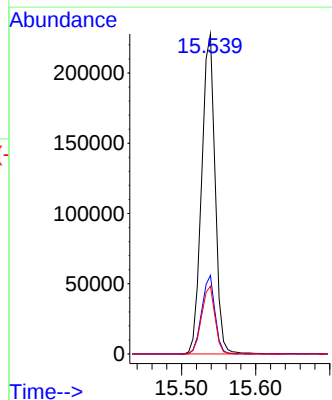
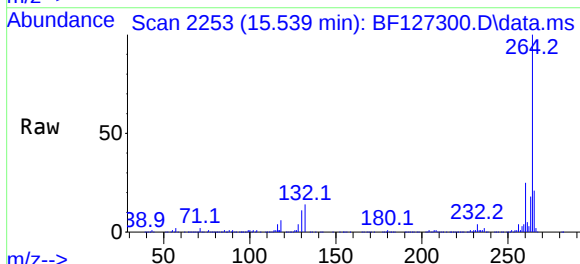
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2022

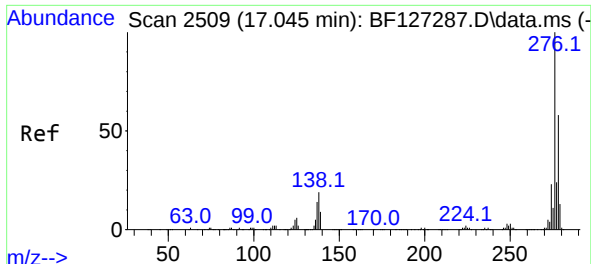
Tgt Ion:149 Resp: 203824
Ion Ratio Lower Upper
149 100
167 1.8 1.1 1.7#
43 13.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. 0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:264 Resp: 287405
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.2 17.4 26.2

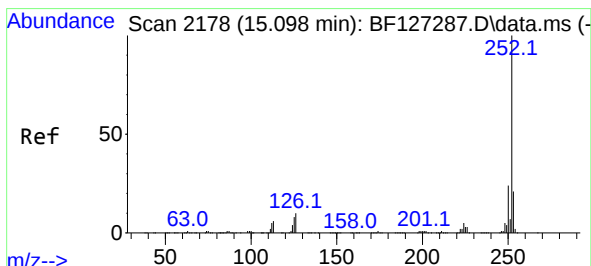
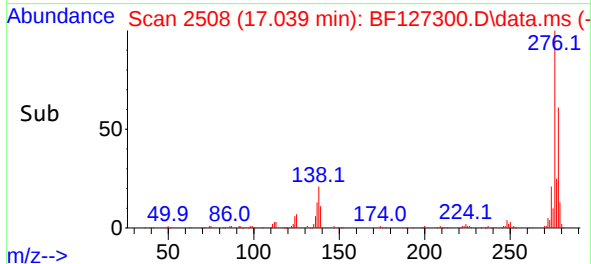
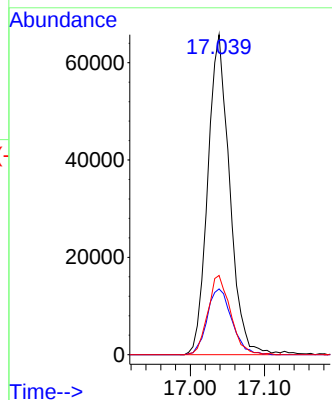
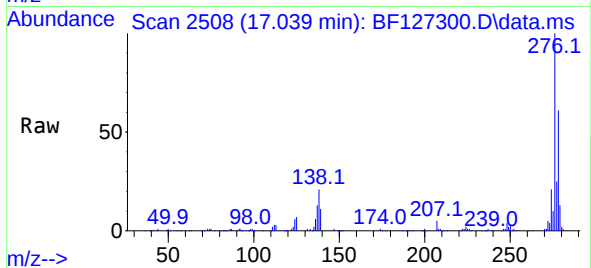




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.788 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

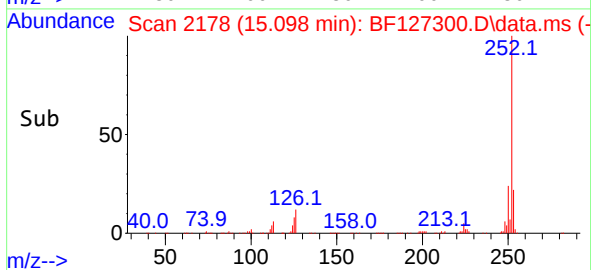
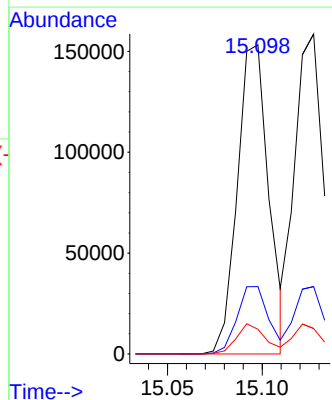
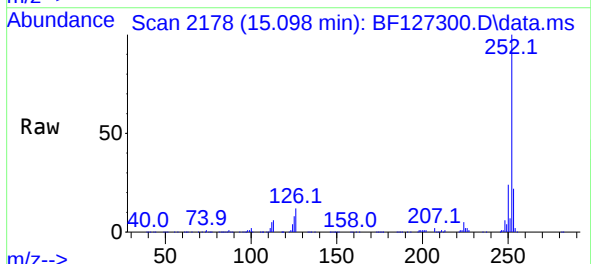
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

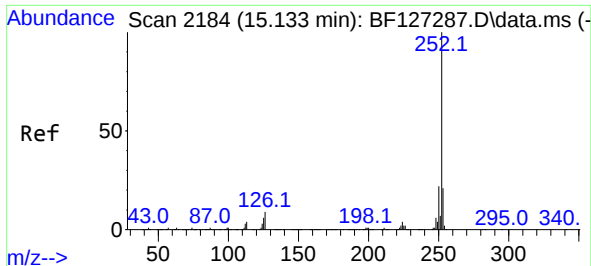
Tgt Ion:276 Resp: 134845
Ion Ratio Lower Upper
276 100
138 23.3 29.2 43.8#
277 25.6 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 9.347 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:252 Resp: 176330
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.0 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 9.749 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

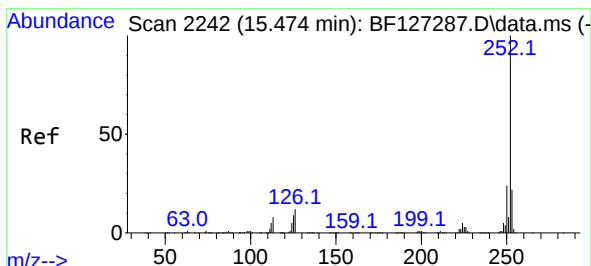
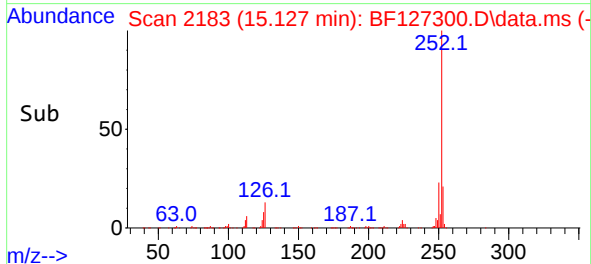
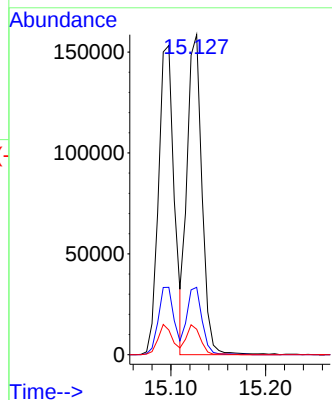
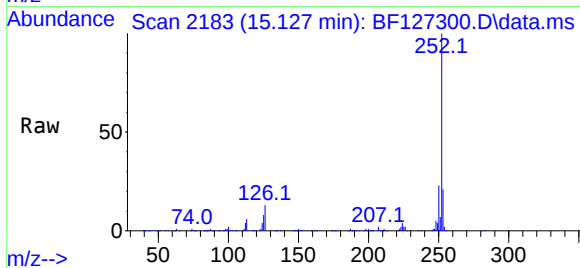
Tgt Ion:252 Resp: 172922

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 7.9 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 10.594 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF127300.D

Acq: 11 Mar 2022 14:46

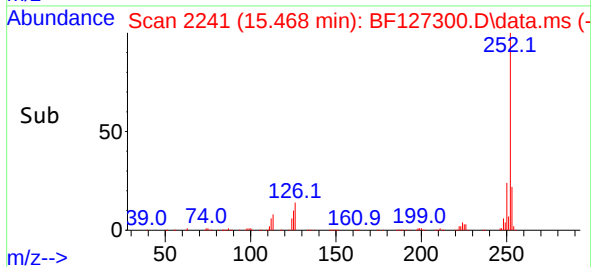
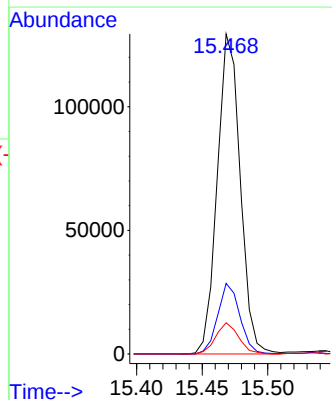
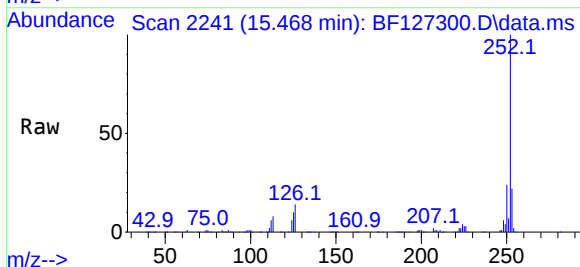
Tgt Ion:252 Resp: 157382

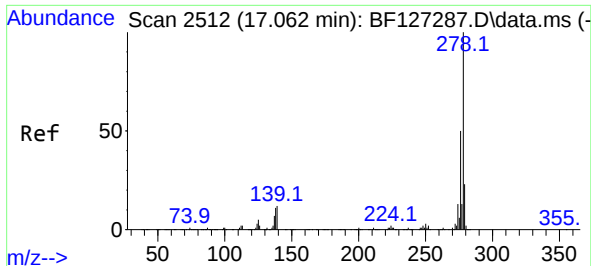
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.7 13.0 19.6#

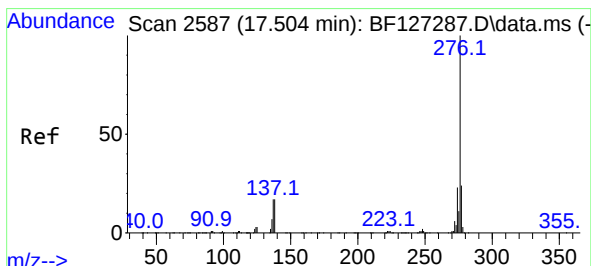
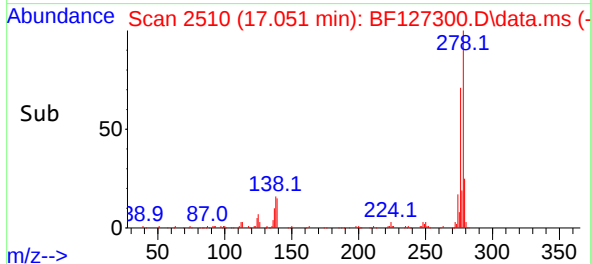
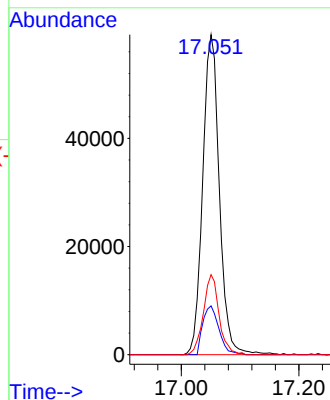
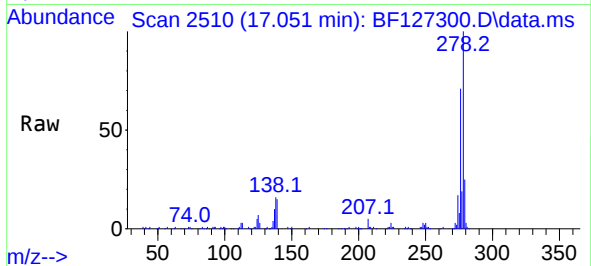




#91
Dibenzo(a,h)anthracene
Concen: 8.080 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:278 Resp: 116431
Ion Ratio Lower Upper
278 100
139 15.3 18.0 27.0#
279 25.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 7.878 ng
RT: 17.492 min Scan# 2585
Delta R.T. -0.012 min
Lab File: BF127300.D
Acq: 11 Mar 2022 14:46

Tgt Ion:276 Resp: 110732
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 20.5 25.9 38.9#

