

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127299.D
 Acq On : 11 Mar 2022 13:02
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 11 13:40:44 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	100645	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	357962	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214086	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	391270	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	317323	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	219691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	594563	94.967	ng	0.00
7) Phenol-d6	6.504	99	811574	94.231	ng	0.00
23) Nitrobenzene-d5	7.433	82	579922	66.906	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219455	95.224	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	960447	63.426	ng	0.00
79) Terphenyl-d14	12.992	244	1122931	60.936	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	13732	4.230	ng	# 84
3) Pyridine	3.475	79	32062	3.712	ng	# 81
4) n-Nitrosodimethylamine	3.369	42	19645	4.105	ng	# 64
6) Aniline	6.534	93	56417	5.481	ng	95
8) 2-Chlorophenol	6.651	128	32802	5.065	ng	89
9) Benzaldehyde	6.422	77	32399	6.453	ng	84
10) Phenol	6.510	94	47101	4.978	ng	# 63
11) bis(2-Chloroethyl)ether	6.604	93	35821	5.098	ng	93
12) 1,3-Dichlorobenzene	6.810	146	37013	5.091	ng	98
13) 1,4-Dichlorobenzene	6.886	146	37209	5.102	ng	98
14) 1,2-Dichlorobenzene	7.039	146	34500	5.026	ng	96
15) Benzyl Alcohol	7.010	79	34675	5.371	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.139	45	65088	4.937	ng	98
17) 2-Methylphenol	7.116	107	27191	4.938	ng	96
18) Hexachloroethane	7.375	117	13681	4.883	ng	# 84
19) n-Nitroso-di-n-propyla...	7.269	70	26908	5.007	ng	# 85
20) 3+4-Methylphenols	7.275	107	36008	5.043	ng	# 48
22) Acetophenone	7.275	105	48787	4.978	ng	# 91
24) Nitrobenzene	7.451	77	41784	5.097	ng	# 97
25) Isophorone	7.680	82	72048	5.169	ng	98
26) 2-Nitrophenol	7.769	139	15741	4.636	ng	# 76
27) 2,4-Dimethylphenol	7.798	122	28373	5.567	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	44295	5.016	ng	98
29) 2,4-Dichlorophenol	8.010	162	28519	4.886	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	32448	4.876	ng	96
31) Naphthalene	8.175	128	100398	5.258	ng	99
32) Benzoic acid	7.892	122	2532	0.801	ng	91
33) 4-Chloroaniline	8.222	127	39639	5.356	ng	93
34) Hexachlorobutadiene	8.280	225	20974	4.727	ng	97
35) Caprolactam	8.557	113	8198	4.702	ng	# 62
36) 4-Chloro-3-methylphenol	8.704	107	29885	4.724	ng	98
37) 2-Methylnaphthalene	8.863	142	64932	5.204	ng	97
38) 1-Methylnaphthalene	8.963	142	63338	5.280	ng	98
40) 1,2,4,5-Tetrachloroben...	9.027	216	34049	5.024	ng	# 95
41) Hexachlorocyclopentadiene	9.010	237	5392	2.264	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	18758	4.385	ng	97

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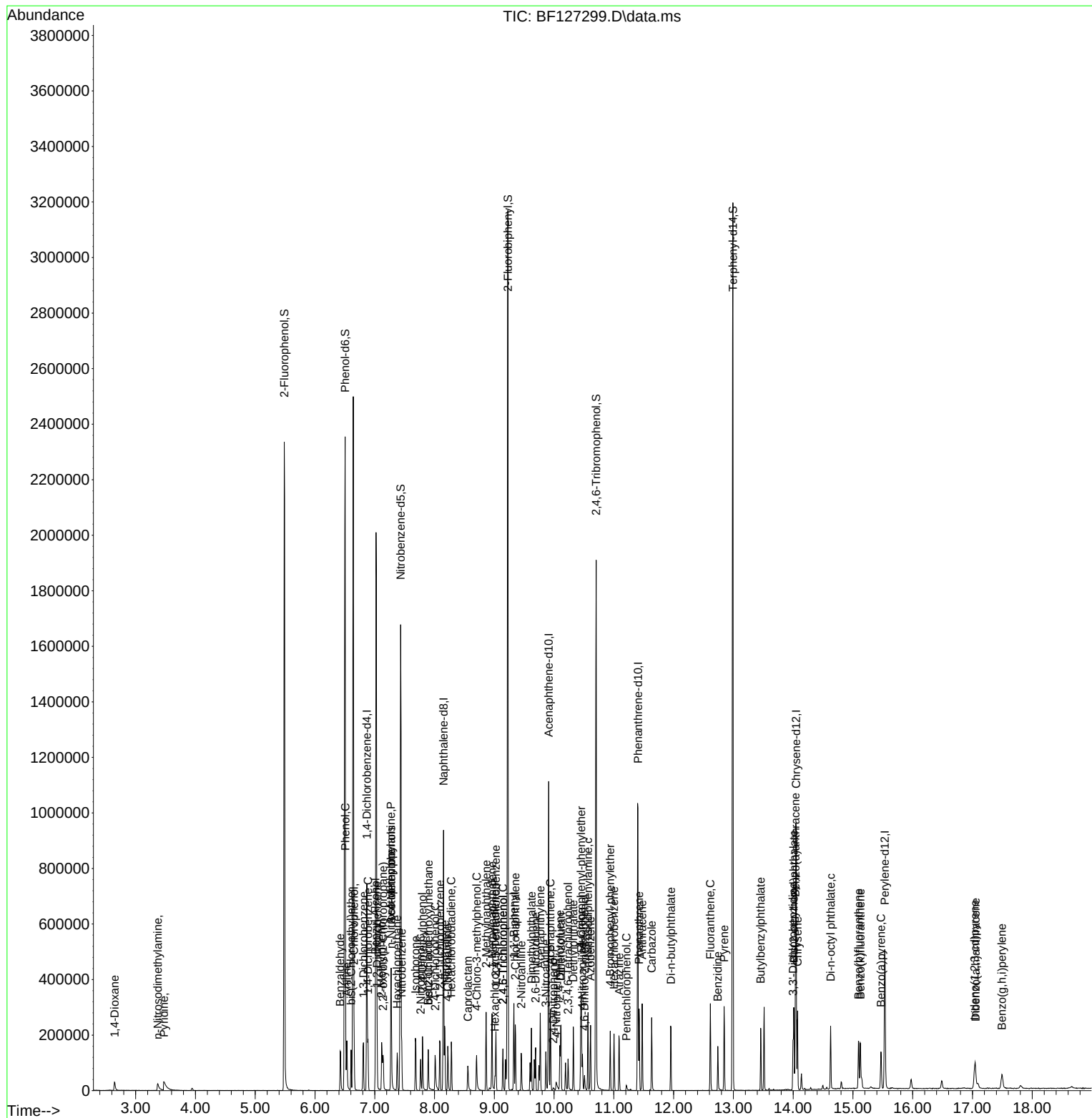
Quant Time: Mar 11 13:40:44 2022
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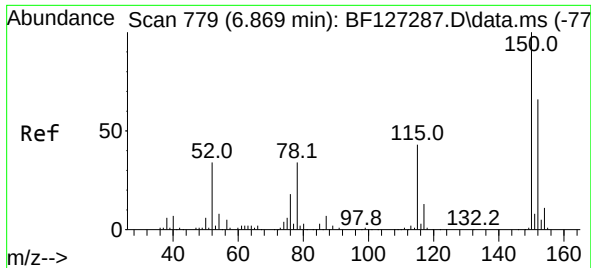
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	18758	4.132	ng	91
46) 1,1'-Biphenyl	9.327	154	87119	5.392	ng	98
47) 2-Chloronaphthalene	9.351	162	62988	5.008	ng	98
48) 2-Nitroaniline	9.451	65	22042	4.555	ng	89
49) Acenaphthylene	9.769	152	103950	5.400	ng	97
50) Dimethylphthalate	9.622	163	72207	4.707	ng	# 97
51) 2,6-Dinitrotoluene	9.692	165	15125	4.874	ng	94
52) Acenaphthene	9.939	154	58548	5.103	ng	96
53) 3-Nitroaniline	9.863	138	16008	4.734	ng	86
54) 2,4-Dinitrophenol	9.986	184	2170	1.419	ng	85
55) Dibenzofuran	10.116	168	91137	5.113	ng	96
56) 4-Nitrophenol	10.039	139	7163	3.485	ng	# 76
57) 2,4-Dinitrotoluene	10.098	165	20227	4.954	ng	# 95
58) Fluorene	10.457	166	71327	5.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16966	4.497	ng	# 74
60) Diethylphthalate	10.321	149	69059	4.935	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	37534	5.011	ng	# 82
62) 4-Nitroaniline	10.474	138	15779	4.683	ng	82
63) Azobenzene	10.610	77	77048	4.790	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	6640	2.752	ng	84
66) n-Nitrosodiphenylamine	10.569	169	60283	4.961	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	22075	4.680	ng	95
68) Hexachlorobenzene	11.004	284	23874	4.645	ng	# 90
69) Atrazine	11.092	200	21516	5.131	ng	92
70) Pentachlorophenol	11.210	266	4320	2.082	ng	# 88
71) Phenanthrene	11.421	178	104289	5.049	ng	99
72) Anthracene	11.474	178	105921	5.178	ng	99
73) Carbazole	11.633	167	93394	4.848	ng	98
74) Di-n-butylphthalate	11.957	149	108527	4.817	ng	99
75) Fluoranthene	12.615	202	116067	5.026	ng	93
77) Benzidine	12.739	184	54838	6.796	ng	95
78) Pyrene	12.845	202	117301	4.746	ng	98
80) Butylbenzylphthalate	13.457	149	40637	4.272	ng	# 97
81) Benzo(a)anthracene	14.039	228	102998	4.821	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	32517	4.895	ng	# 95
83) Chrysene	14.074	228	97141	4.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	60675	4.738	ng	# 96
85) Di-n-octyl phthalate	14.627	149	91253	4.708	ng	95
87) Indeno(1,2,3-cd)pyrene	17.039	276	52892	3.997	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	79226	5.494	ng	# 90
89) Benzo(k)fluoranthene	15.127	252	78420	5.784	ng	# 94
90) Benzo(a)pyrene	15.468	252	62742	5.525	ng	# 91
91) Dibenzo(a,h)anthracene	17.050	278	45964	4.173	ng	# 92
92) Benzo(g,h,i)perylene	17.492	276	43220	4.023	ng	# 80

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

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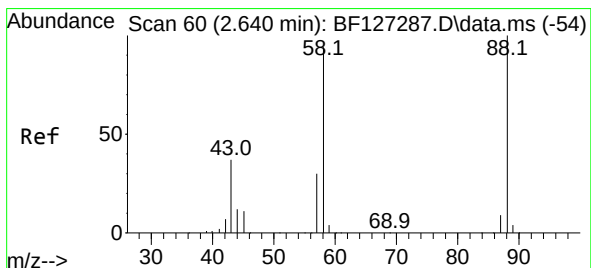
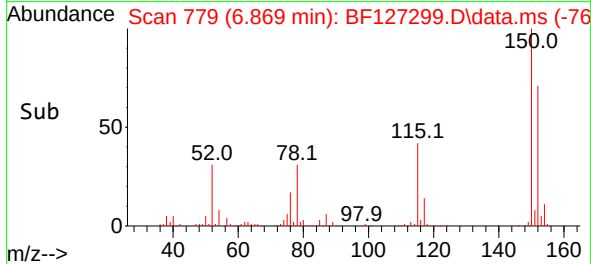
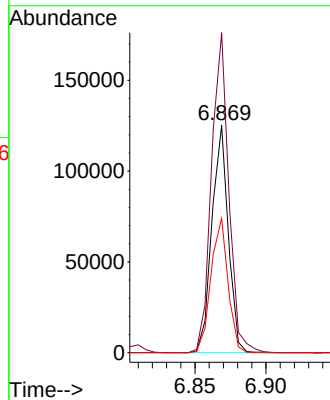
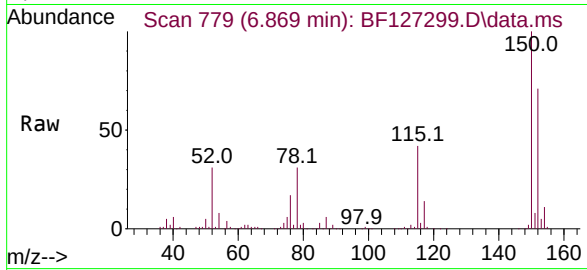




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 779
 Delta R.T. -0.000 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

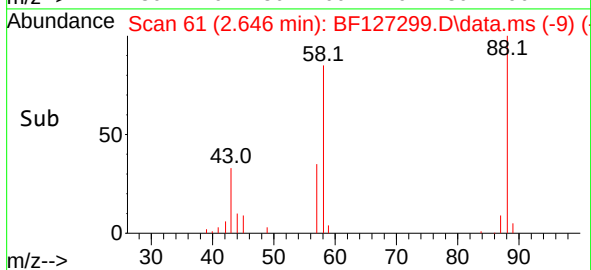
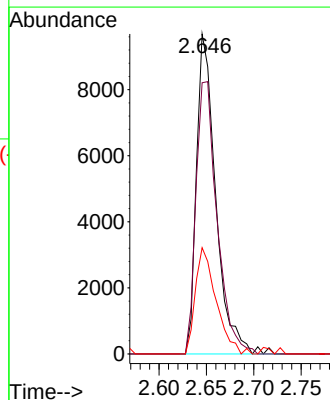
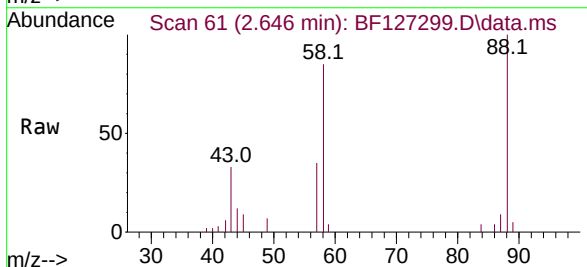
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

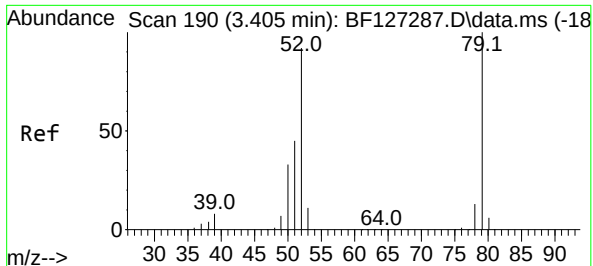
Tgt Ion:152 Resp: 100645
 Ion Ratio Lower Upper
 152 100
 150 140.7 128.1 192.1
 115 59.1 56.7 85.1



#2
 1,4-Dioxane
 Concen: 4.230 ng
 RT: 2.646 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

Tgt Ion: 88 Resp: 13732
 Ion Ratio Lower Upper
 88 100
 58 93.0 62.8 94.2
 43 35.7 22.3 33.5





#3

Pyridine

Concen: 3.712 ng

RT: 3.475 min Scan# 20

Delta R.T. 0.070 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

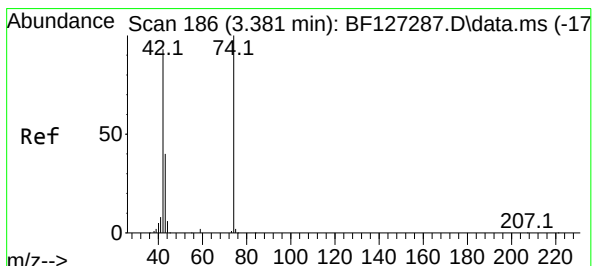
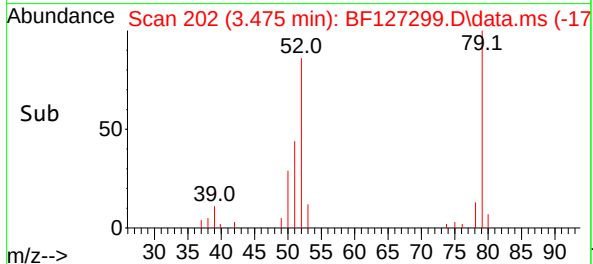
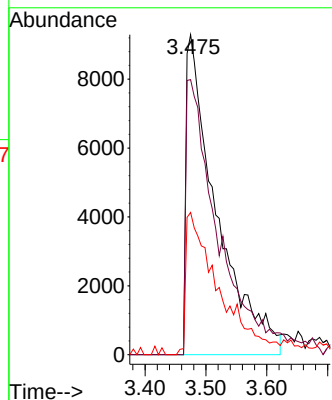
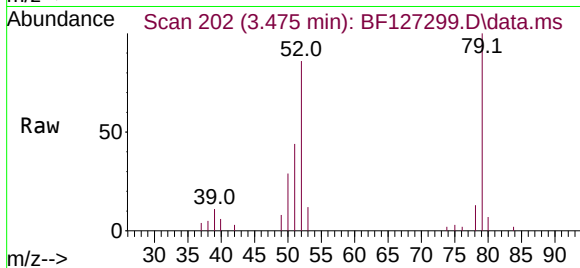
Tgt Ion: 79 Resp: 32062

Ion Ratio Lower Upper

79 100

52 85.9 56.2 84.4#

51 44.5 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 4.105 ng

RT: 3.369 min Scan# 184

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

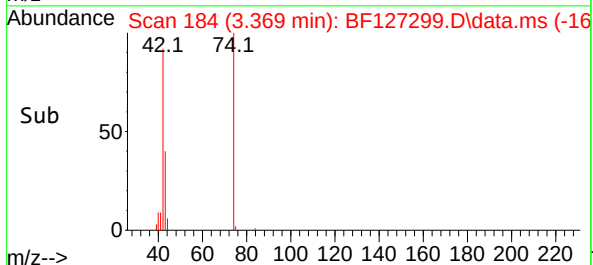
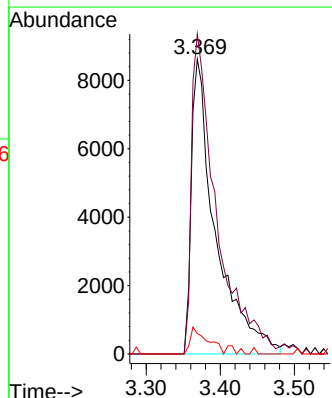
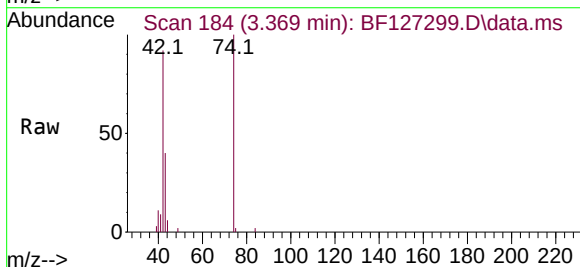
Tgt Ion: 42 Resp: 19645

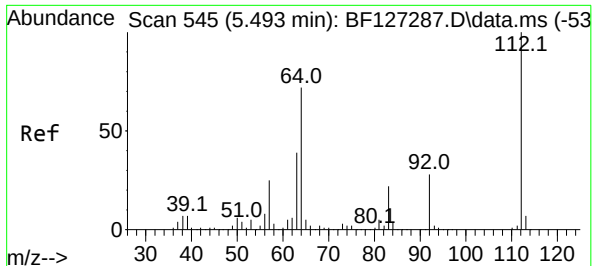
Ion Ratio Lower Upper

42 100

74 108.6 125.6 188.4#

44 7.0 5.7 8.5

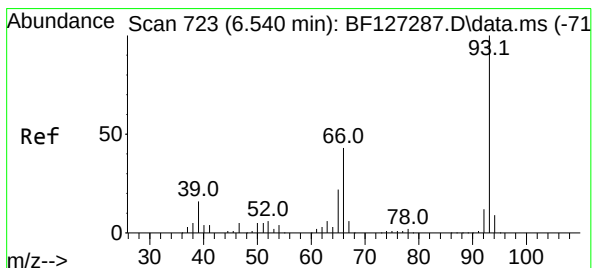
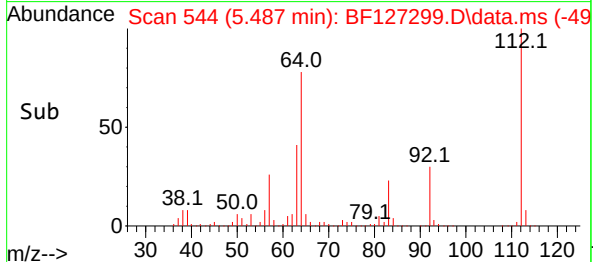
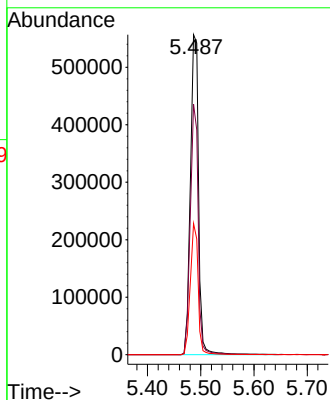
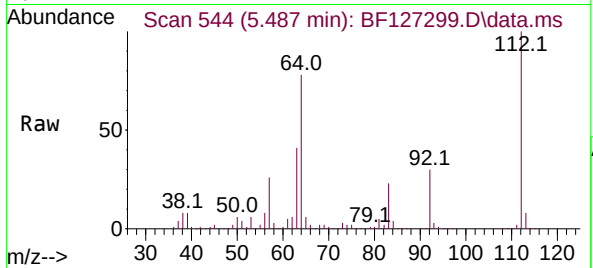




#5
2-Fluorophenol
Concen: 94.967 ng
RT: 5.487 min Scan# 54
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

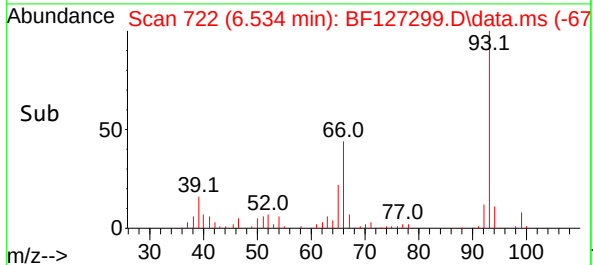
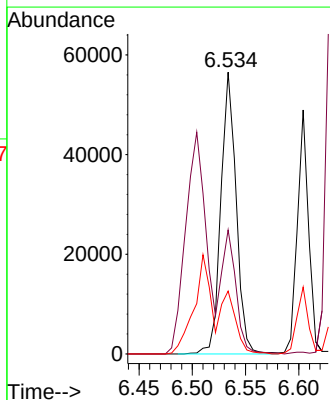
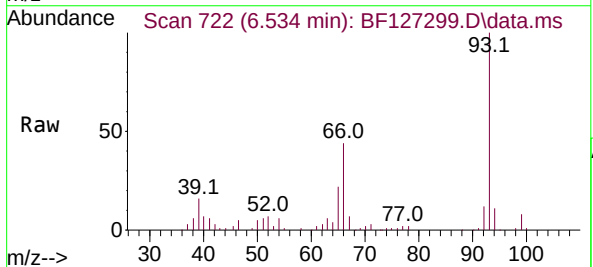
Instrument :
BNA_F
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LOQ-SOIL-02-QT1-2022

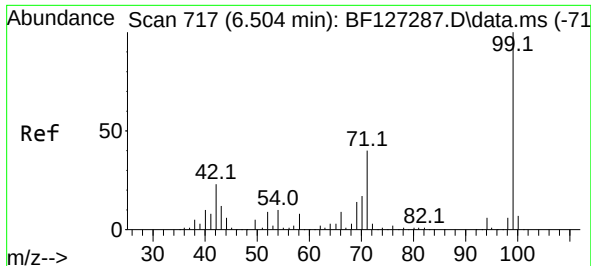
Tgt Ion:112 Resp: 594563
Ion Ratio Lower Upper
112 100
64 78.3 49.5 74.3#
63 41.0 23.9 35.9#



#6
Aniline
Concen: 5.481 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion: 93 Resp: 56417
Ion Ratio Lower Upper
93 100
66 44.0 32.2 48.4
65 22.3 16.3 24.5





#7

Phenol-d6

Concen: 94.231 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

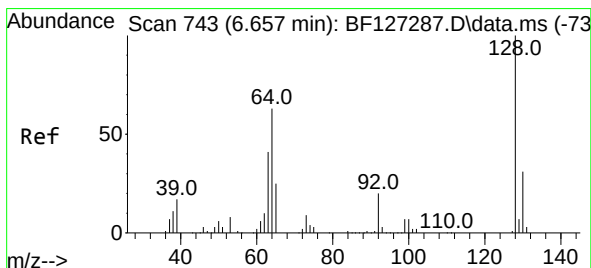
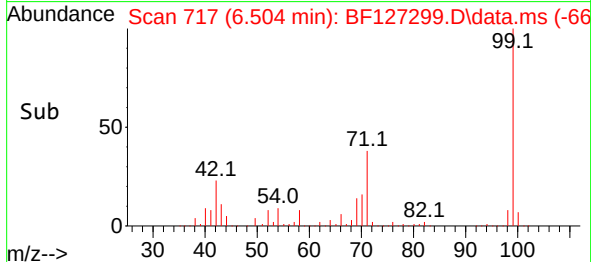
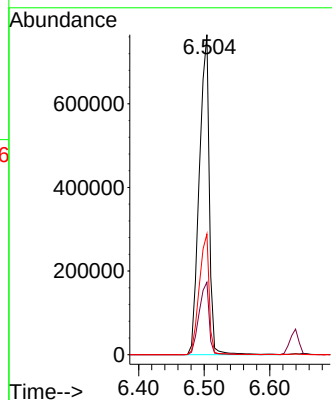
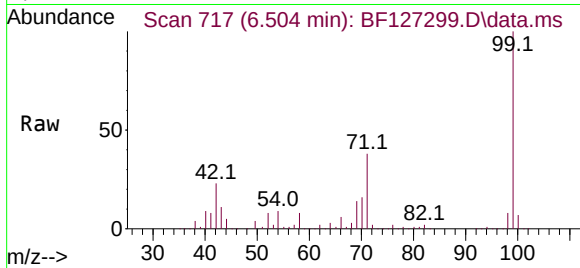
Tgt Ion: 99 Resp: 811574

Ion Ratio Lower Upper

99 100

42 22.7 14.2 21.4#

71 37.7 24.3 36.5#



#8

2-Chlorophenol

Concen: 5.065 ng

RT: 6.651 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

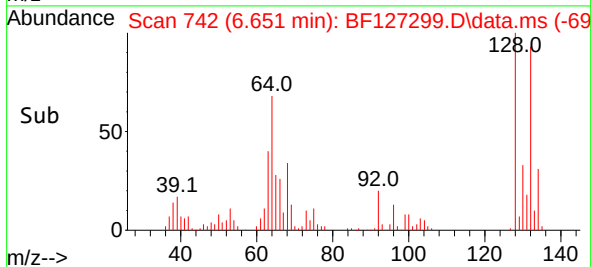
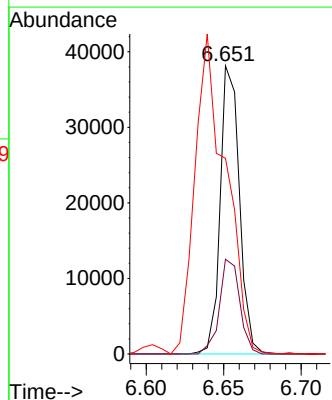
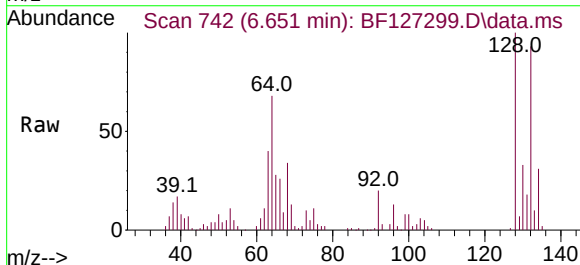
Tgt Ion:128 Resp: 32802

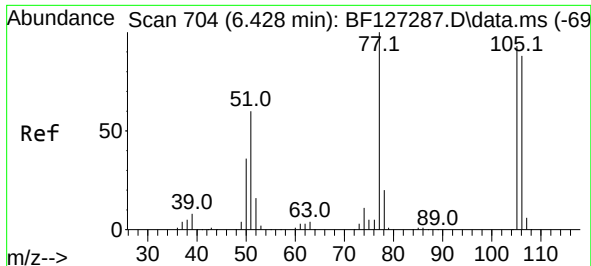
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 67.9 35.6 75.6





#9

Benzaldehyde

Concen: 6.453 ng

RT: 6.422 min Scan# 704

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

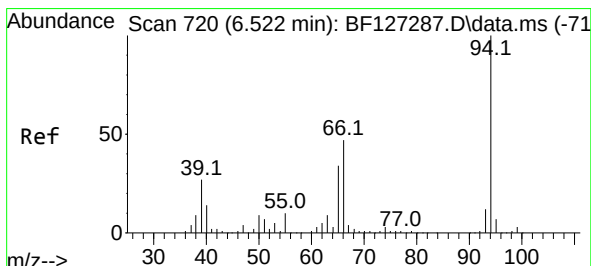
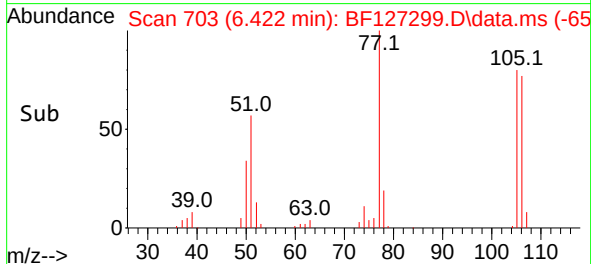
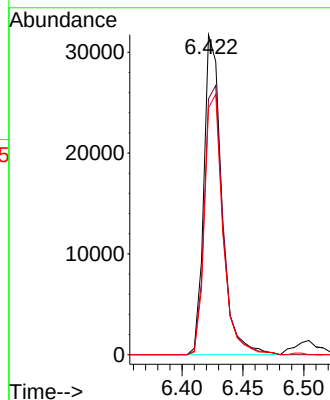
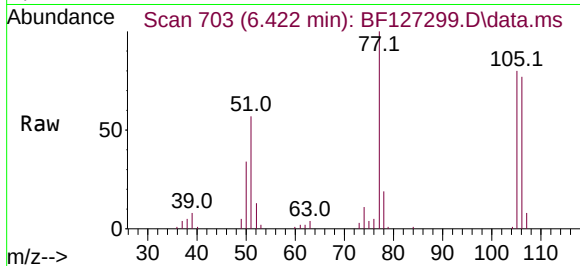
Tgt Ion: 77 Resp: 32399

Ion Ratio Lower Upper

77 100

105 80.0 74.9 114.9

106 77.1 72.4 112.4



#10

Phenol

Concen: 4.978 ng

RT: 6.510 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

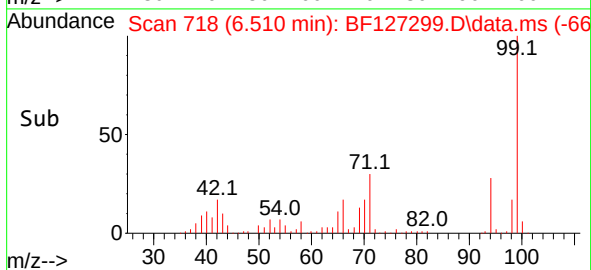
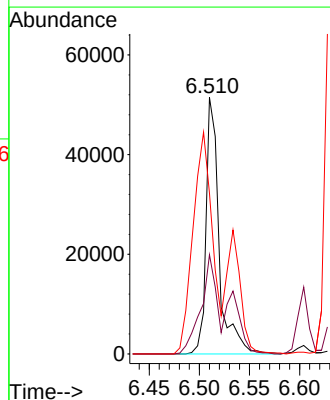
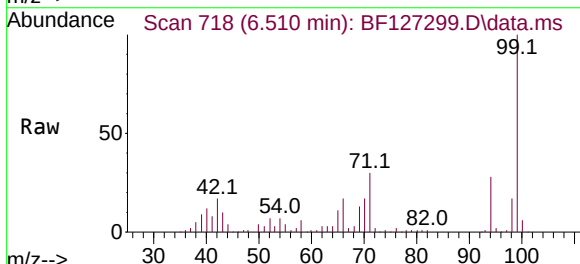
Tgt Ion: 94 Resp: 47101

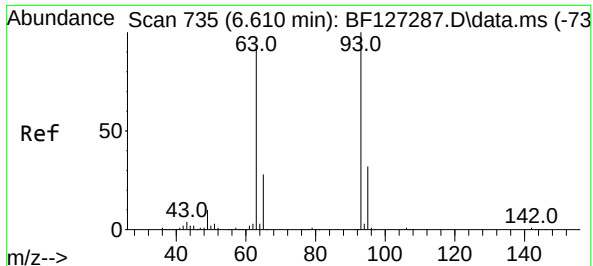
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 62.6 14.5 54.5#





#11

bis(2-Chloroethyl)ether

Concen: 5.098 ng

RT: 6.604 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

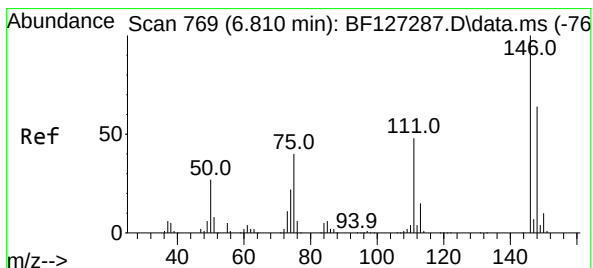
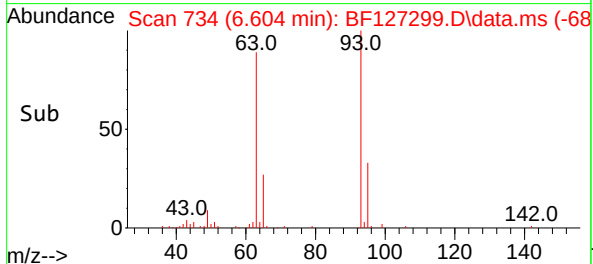
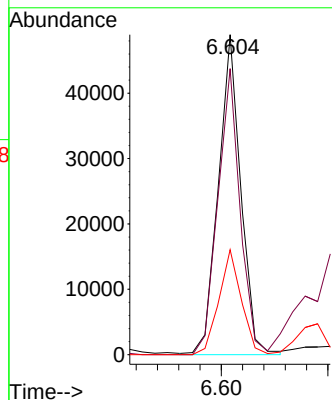
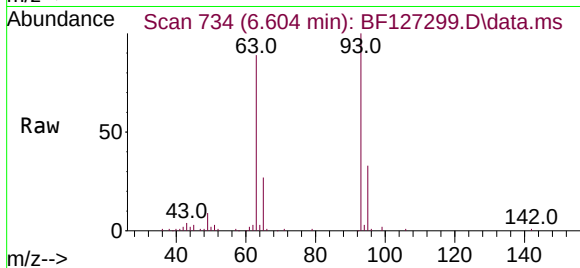
Tgt Ion: 93 Resp: 35821

Ion Ratio Lower Upper

93 100

63 89.4 60.5 100.5

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 5.091 ng

RT: 6.810 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

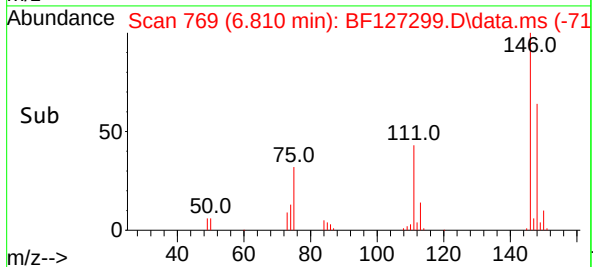
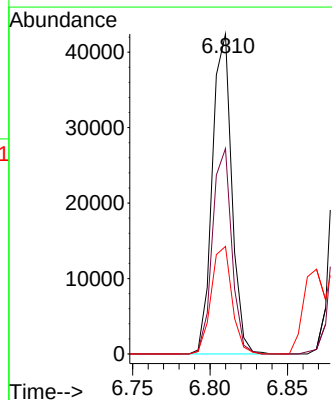
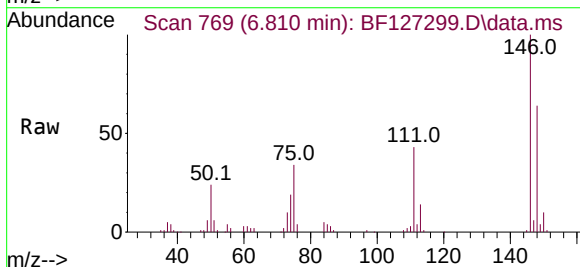
Tgt Ion: 146 Resp: 37013

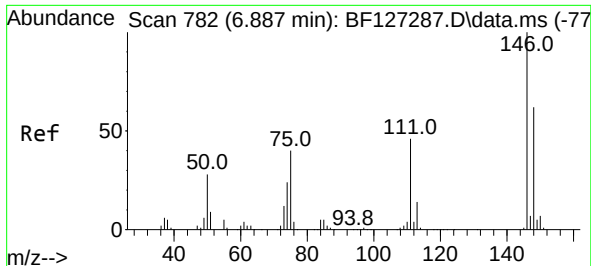
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

75 33.6 28.4 42.6

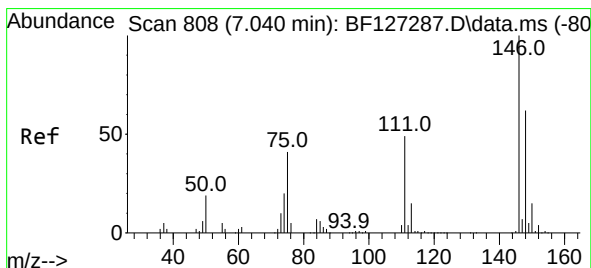
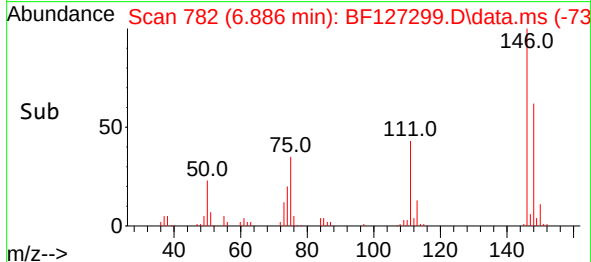
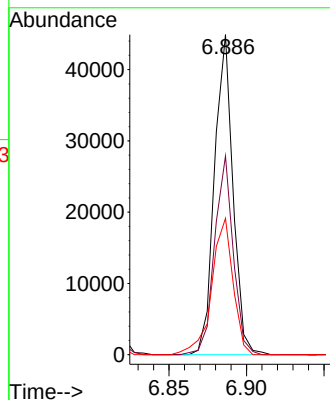
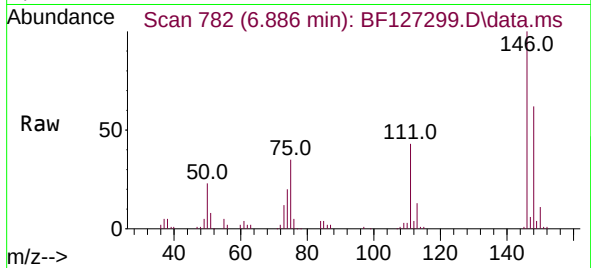




#13
1,4-Dichlorobenzene
Concen: 5.102 ng
RT: 6.886 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

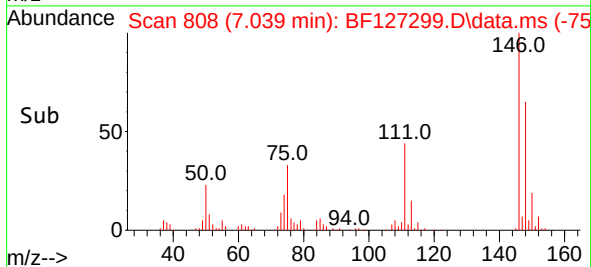
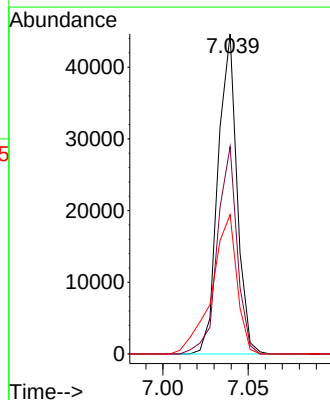
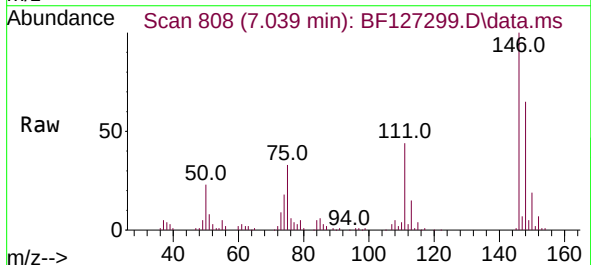
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

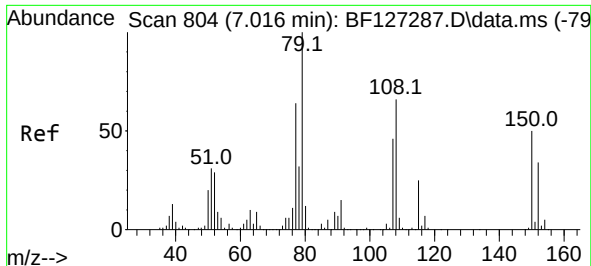
Tgt Ion:146 Resp: 37209
Ion Ratio Lower Upper
146 100
148 62.1 49.8 74.6
111 42.6 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 5.026 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:146 Resp: 34500
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 43.5 40.2 60.2

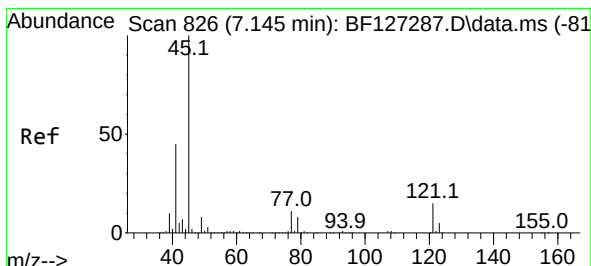
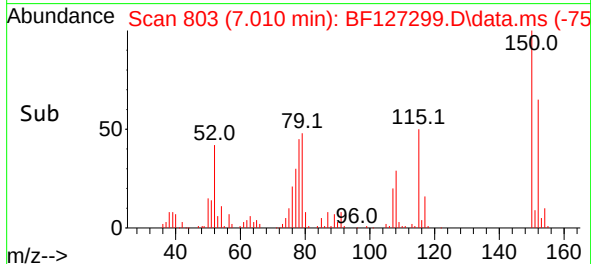
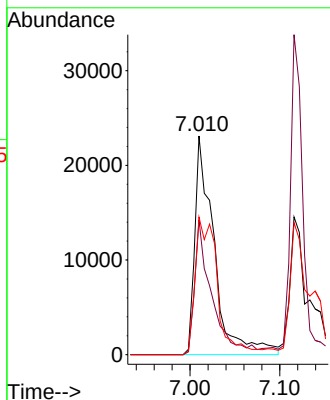
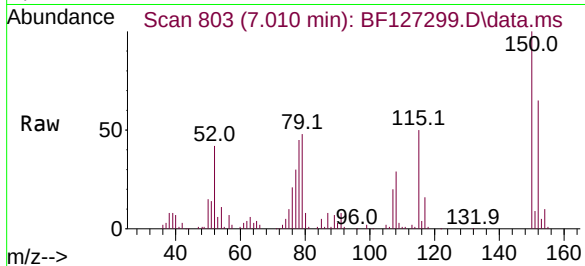




#15
Benzyl Alcohol
Concen: 5.371 ng
RT: 7.010 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

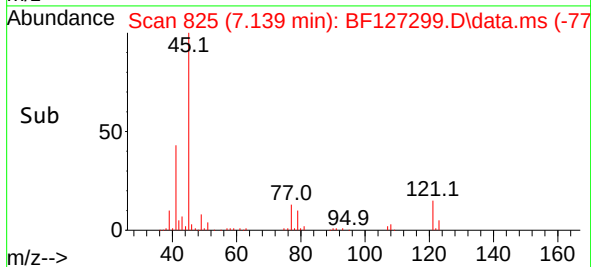
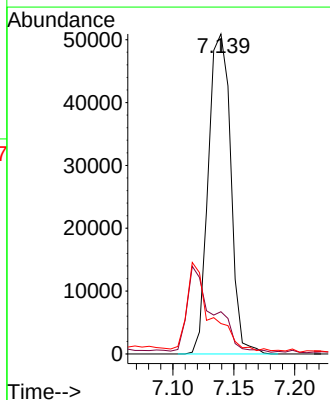
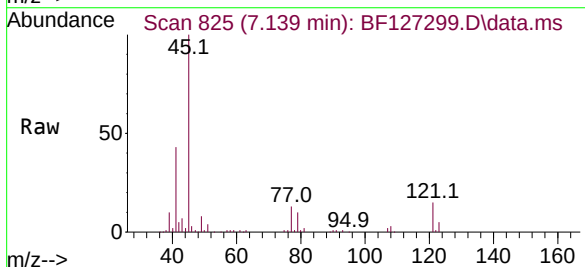
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

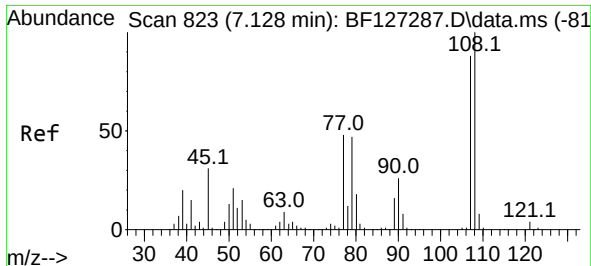
Tgt Ion: 79 Resp: 34675
Ion Ratio Lower Upper
79 100
108 61.7 63.2 94.8#
77 62.9 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.937 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion: 45 Resp: 65088
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.4
79 9.5 0.0 29.8

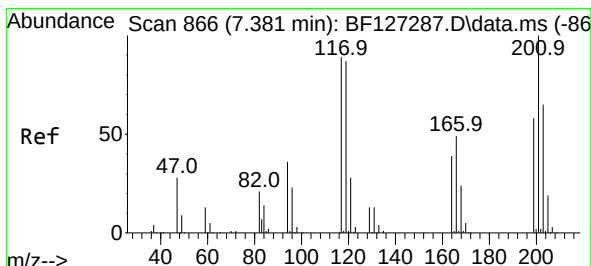
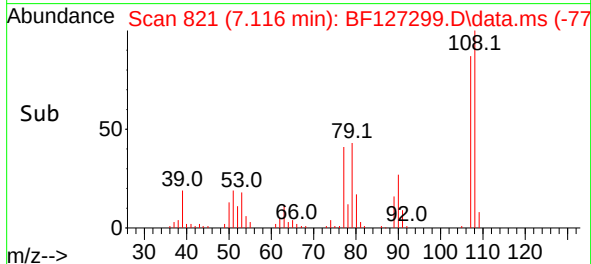
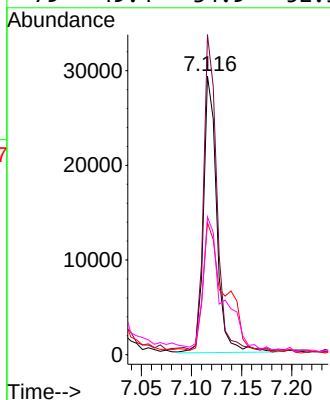
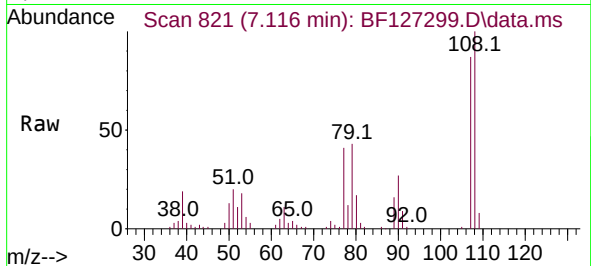




#17
2-Methylphenol
Concen: 4.938 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

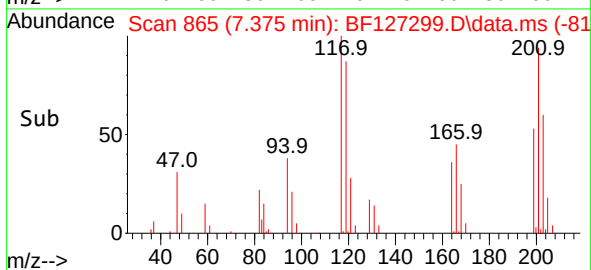
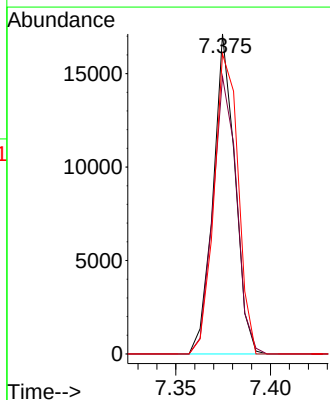
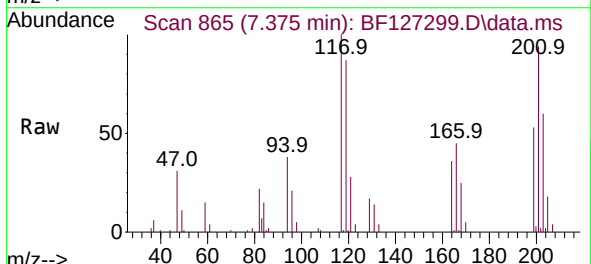
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

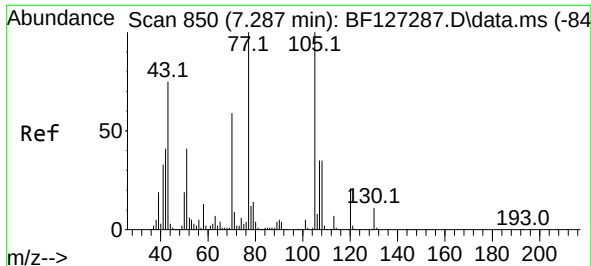
Tgt Ion:	107	Resp:	27191
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.4	140.0
77	47.4	36.1	54.1
79	49.4	34.9	52.3



#18
Hexachloroethane
Concen: 4.883 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:	117	Resp:	13681
Ion	Ratio	Lower	Upper
117	100		
119	86.6	75.4	113.0
201	93.7	56.8	85.2





#19

n-Nitroso-di-n-propylamine

Concen: 5.007 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF127299.D

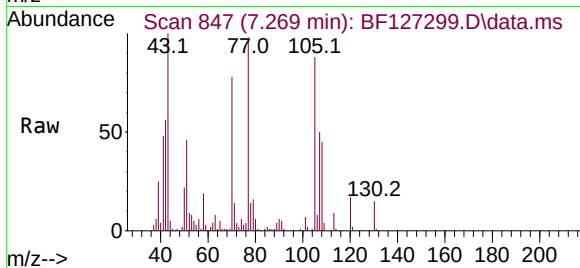
Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022



Tgt Ion: 70 Resp: 26908

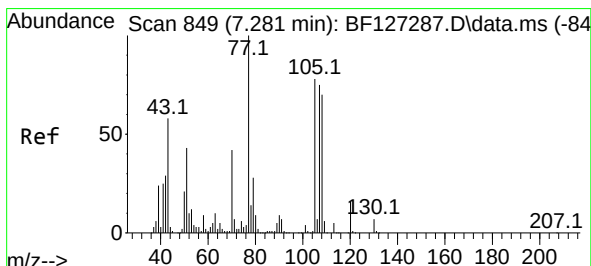
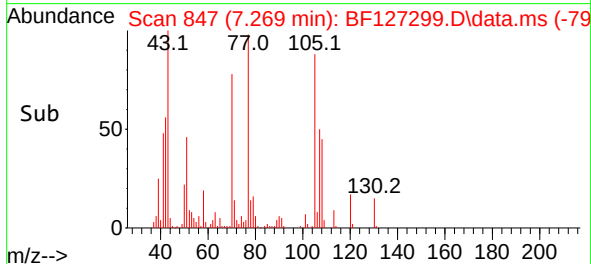
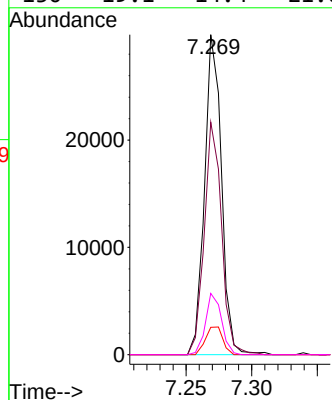
Ion Ratio Lower Upper

70 100

42 72.6 45.8 68.8#

101 8.5 6.9 10.3

130 19.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 5.043 ng

RT: 7.275 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Tgt Ion: 107 Resp: 36008

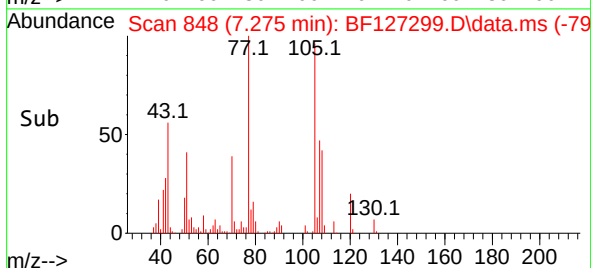
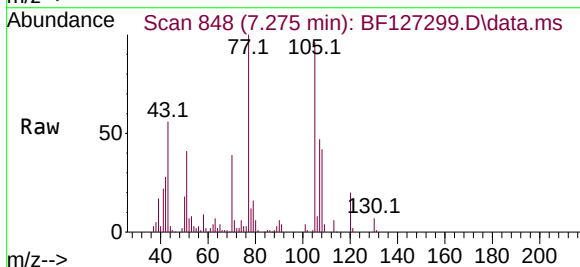
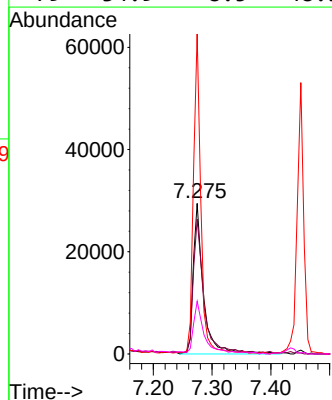
Ion Ratio Lower Upper

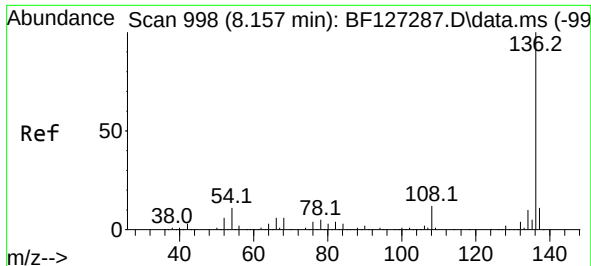
107 100

108 89.5 72.4 112.4

77 212.5 83.8 123.8#

79 34.9 8.5 48.5

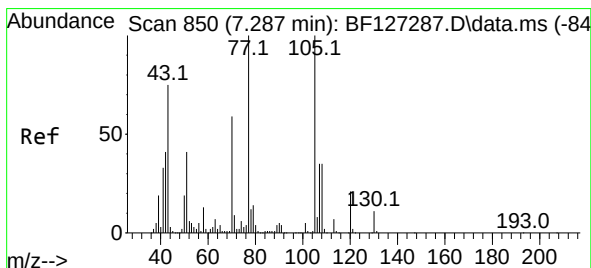
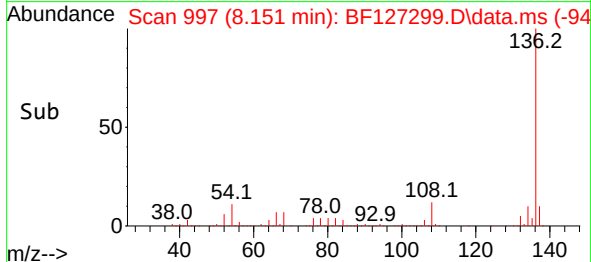
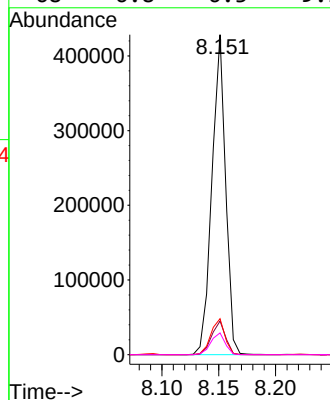
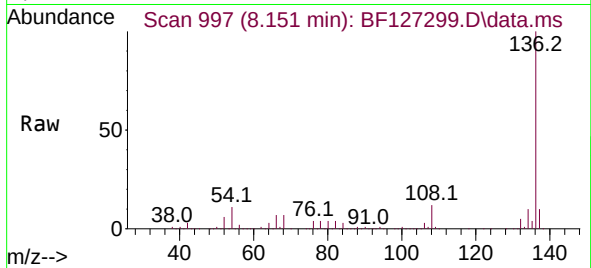




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

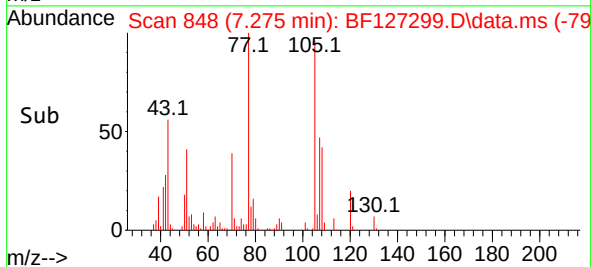
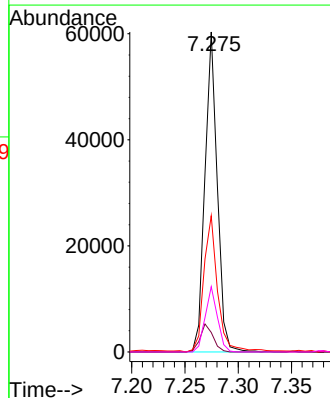
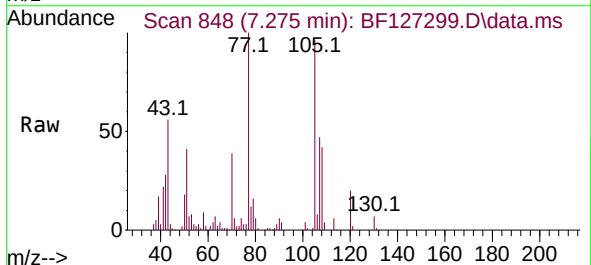
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

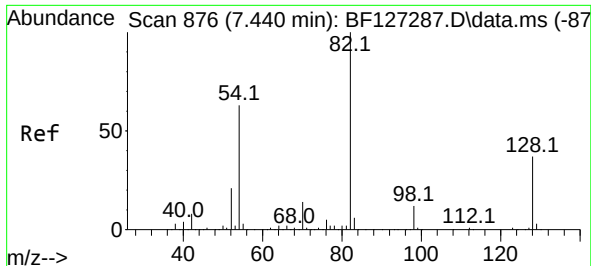
Tgt	Ion:136	Resp:	357962
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	11.2	7.8	11.6
68	6.8	6.3	9.5



#22
Acetophenone
Concen: 4.978 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt	Ion:105	Resp:	48787
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.0
51	42.5	27.4	41.0#
120	20.4	17.0	25.6

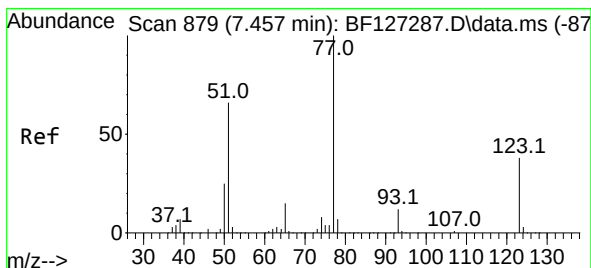
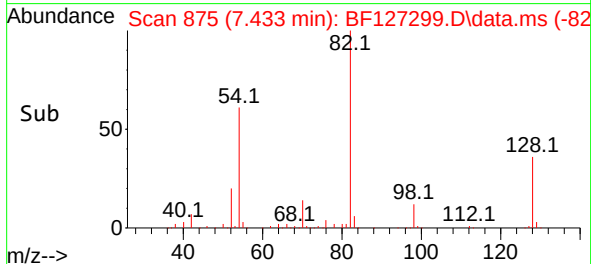
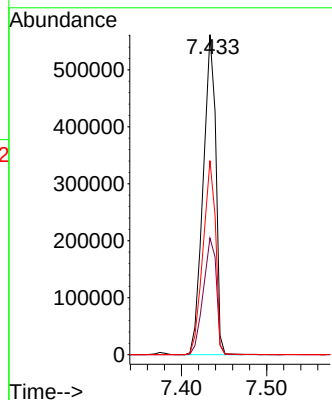
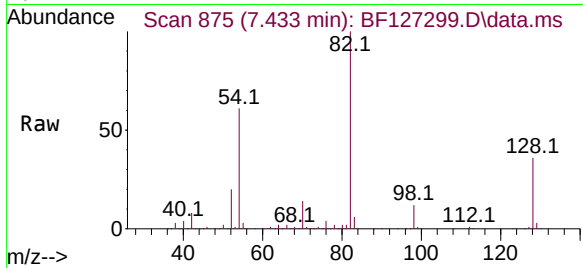




#23
Nitrobenzene-d5
Concen: 66.906 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

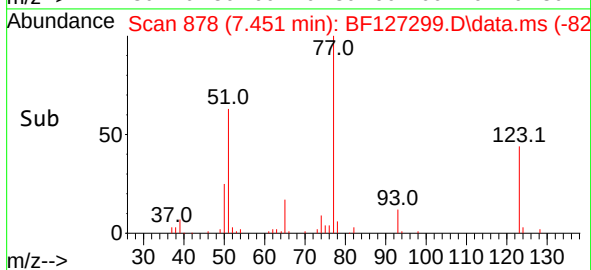
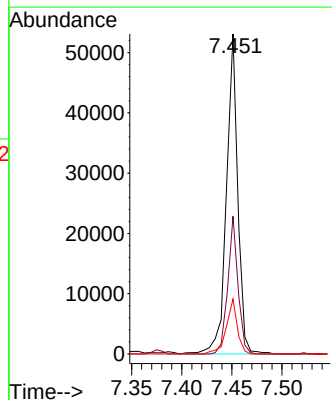
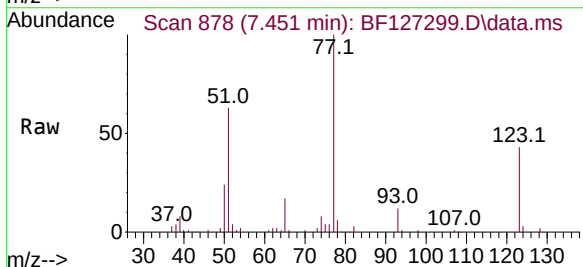
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

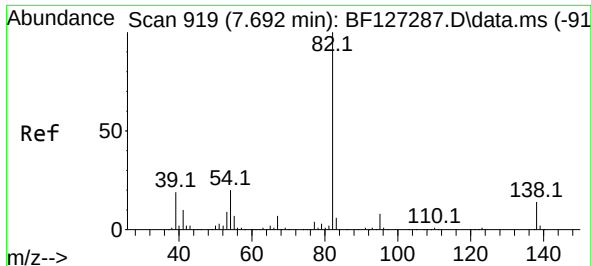
Tgt Ion: 82 Resp: 579922
Ion Ratio Lower Upper
82 100
128 36.4 32.7 49.1
54 60.6 41.7 62.5



#24
Nitrobenzene
Concen: 5.097 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion: 77 Resp: 41784
Ion Ratio Lower Upper
77 100
123 43.1 34.6 52.0
65 17.2 10.6 15.8#

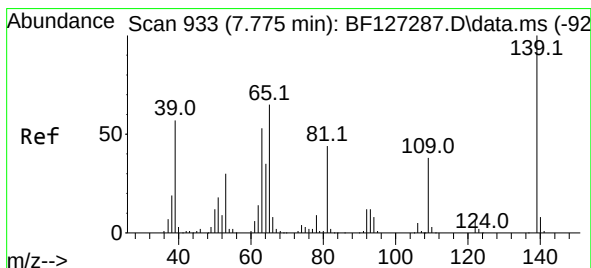
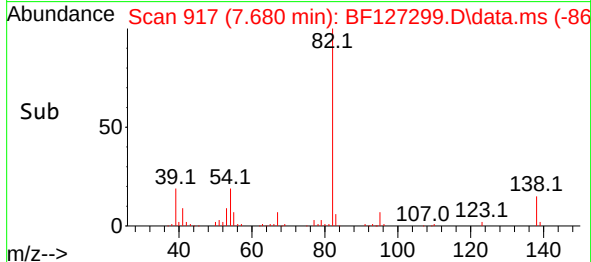
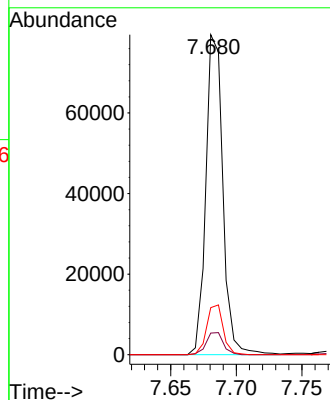
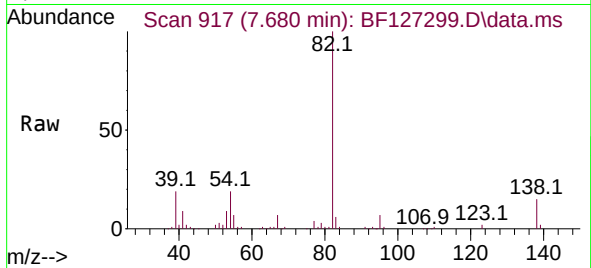




#25
Isophorone
Concen: 5.169 ng
RT: 7.680 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

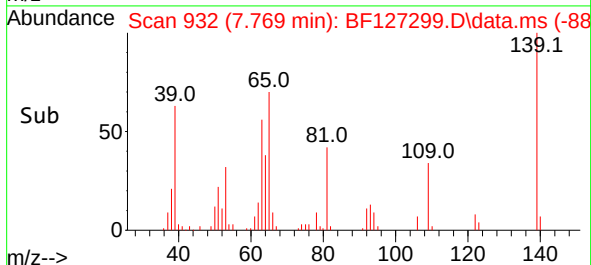
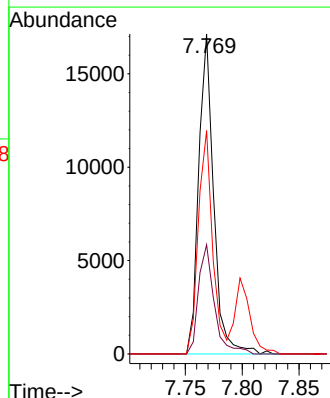
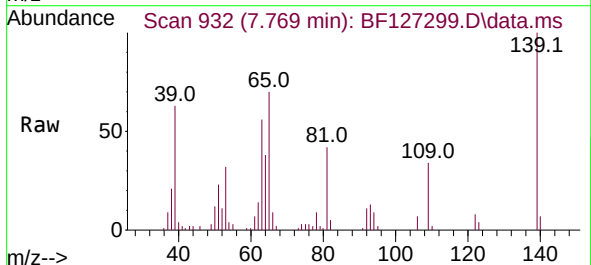
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

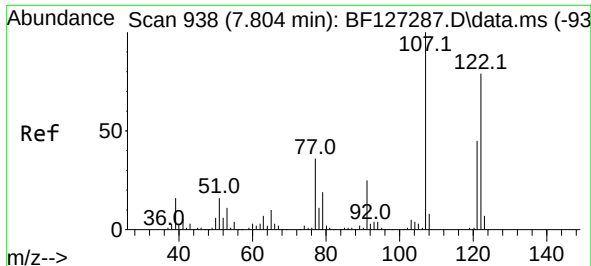
Tgt Ion: 82 Resp: 72048
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.4
138 14.7 12.3 18.5



#26
2-Nitrophenol
Concen: 4.636 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion: 139 Resp: 15741
Ion Ratio Lower Upper
139 100
109 34.1 20.0 30.0#
65 69.8 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 5.567 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

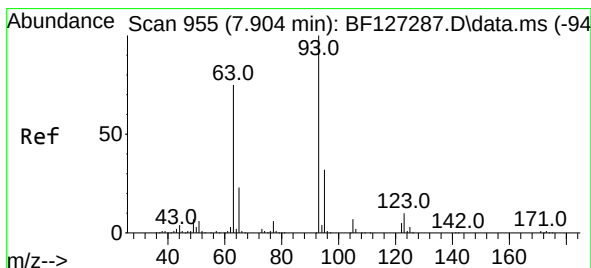
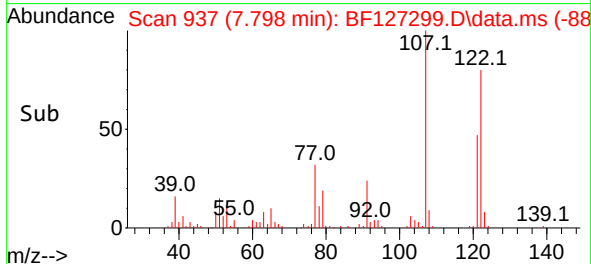
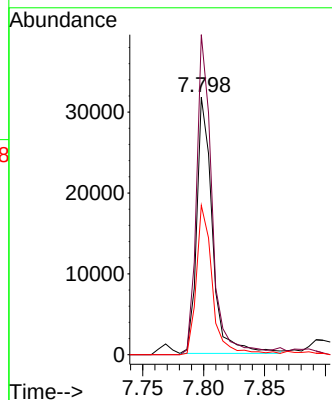
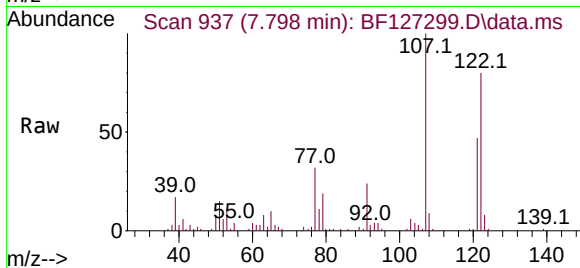
Tgt Ion:122 Resp: 28373

Ion Ratio Lower Upper

122 100

107 124.3 91.2 136.8

121 58.0 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 5.016 ng

RT: 7.898 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

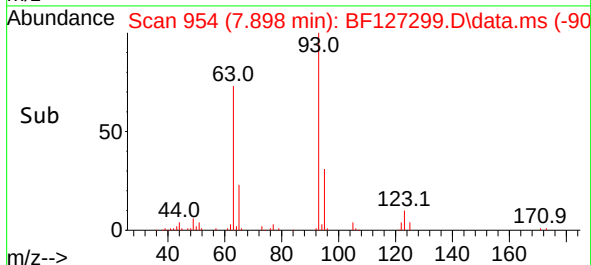
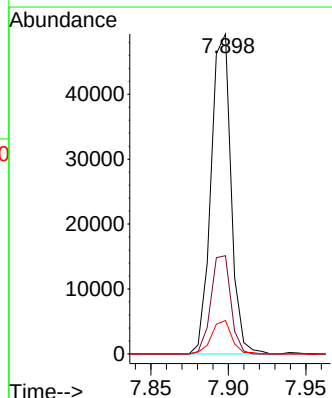
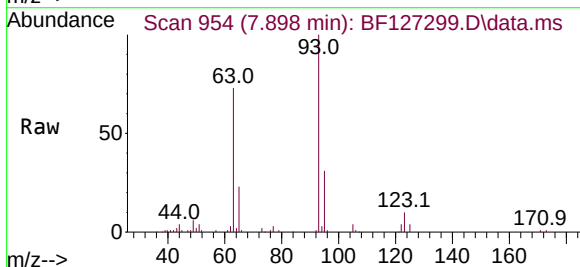
Tgt Ion: 93 Resp: 44295

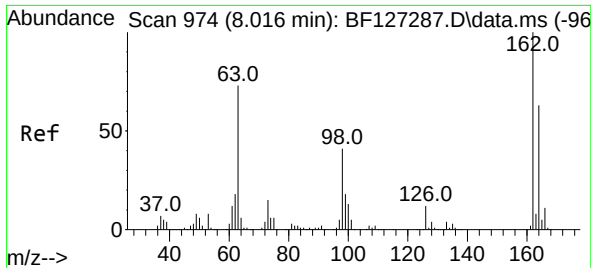
Ion Ratio Lower Upper

93 100

95 30.7 25.4 38.2

123 10.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 4.886 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

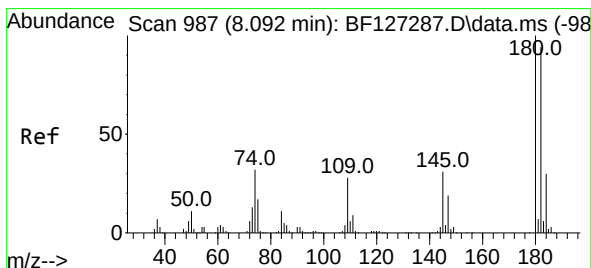
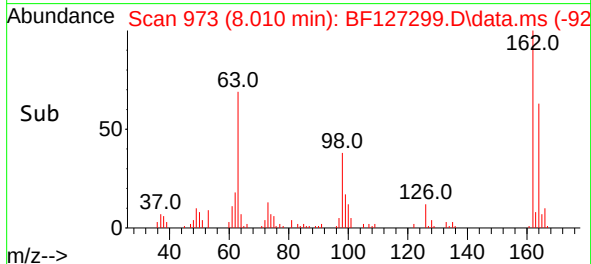
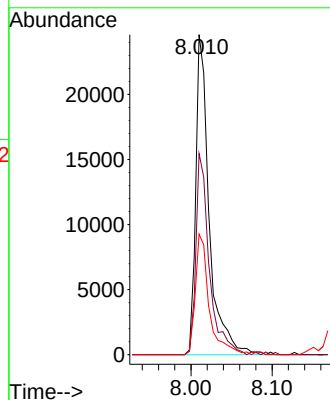
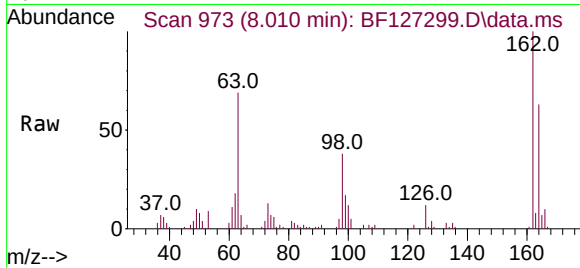
Tgt Ion:162 Resp: 28519

Ion Ratio Lower Upper

162 100

164 62.8 43.8 83.8

98 37.7 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 4.876 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

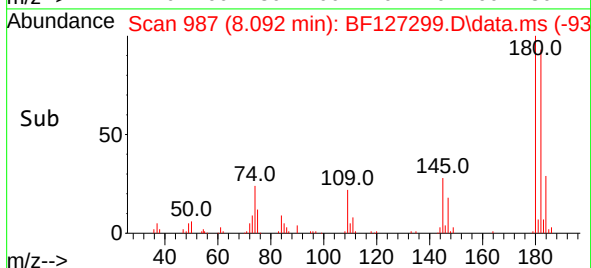
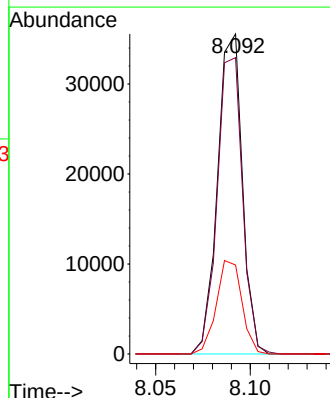
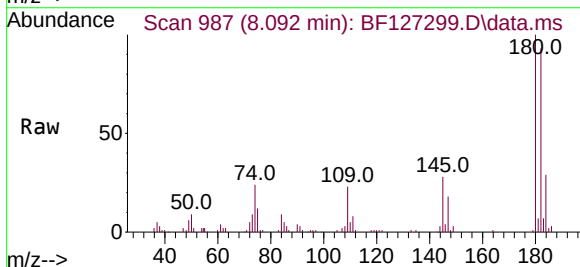
Tgt Ion:180 Resp: 32448

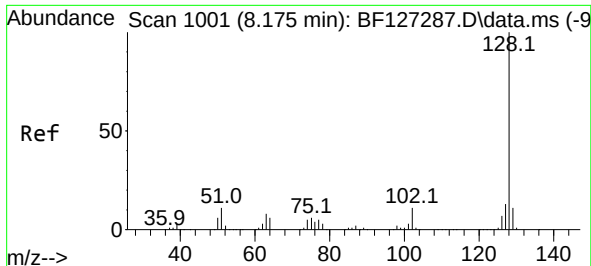
Ion Ratio Lower Upper

180 100

182 92.6 75.5 113.3

145 27.8 26.2 39.2





#31

Naphthalene

Concen: 5.258 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

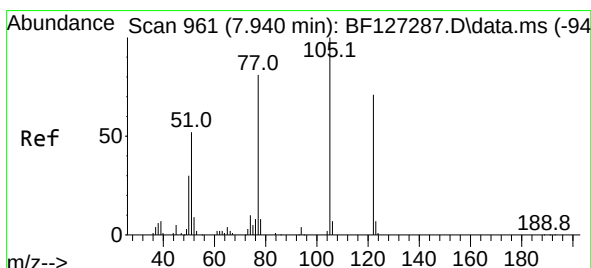
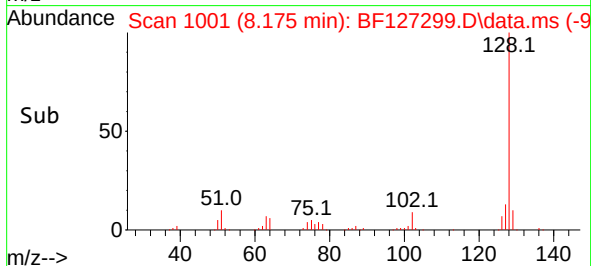
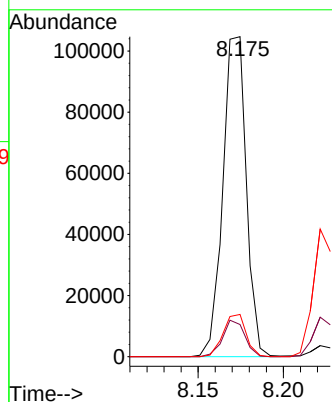
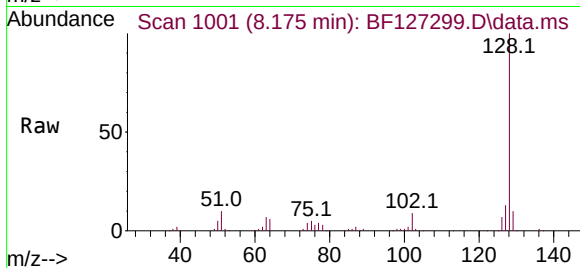
Tgt Ion:128 Resp: 100398

Ion Ratio Lower Upper

128 100

129 10.0 8.6 13.0

127 13.2 10.3 15.5



#32

Benzoic acid

Concen: 0.801 ng

RT: 7.892 min Scan# 953

Delta R.T. -0.048 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

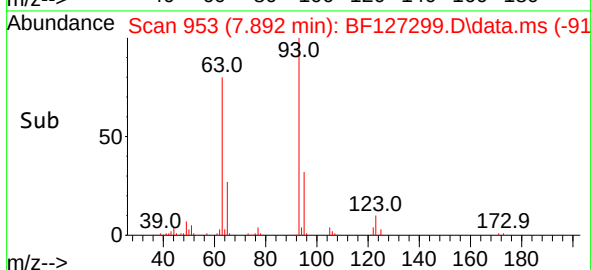
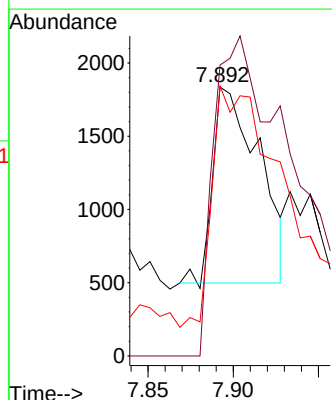
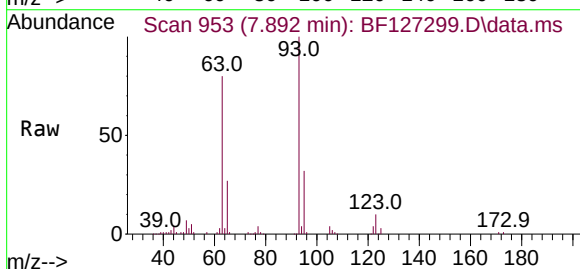
Tgt Ion:122 Resp: 2532

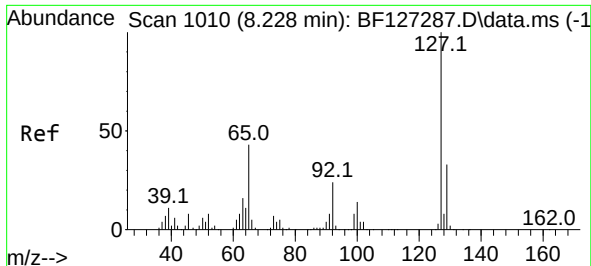
Ion Ratio Lower Upper

122 100

105 108.2 101.0 141.0

77 100.4 74.5 114.5

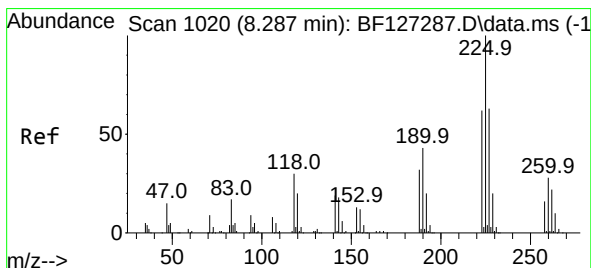
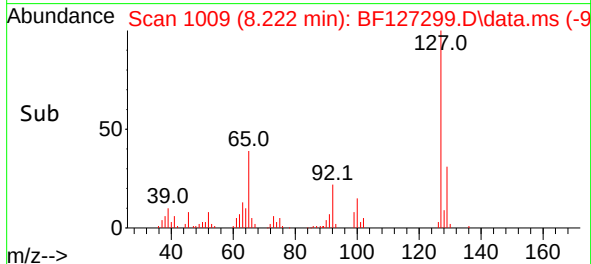
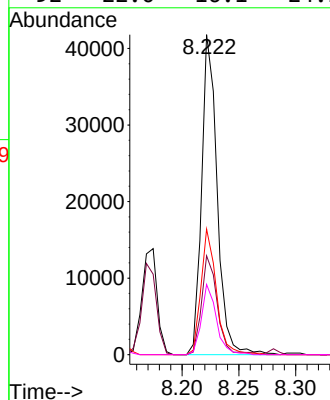
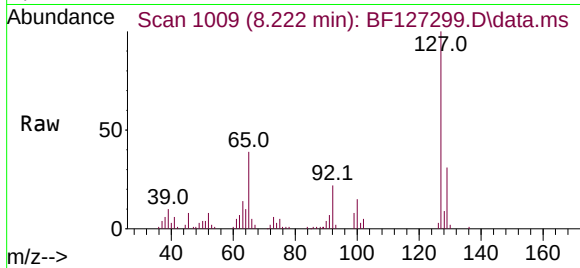




#33
4-Chloroaniline
Concen: 5.356 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

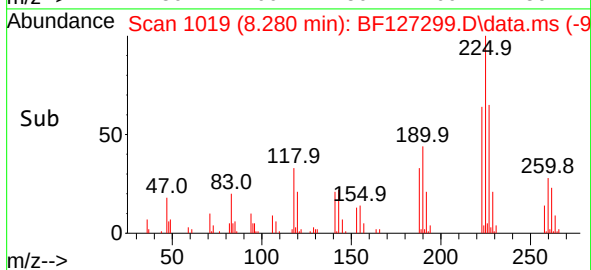
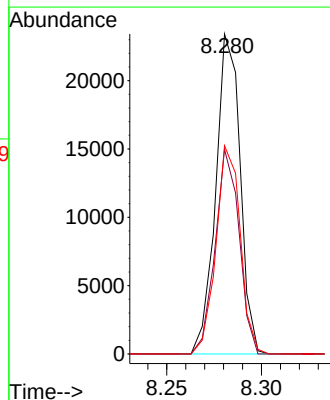
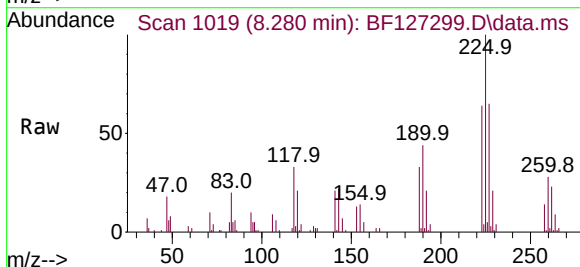
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

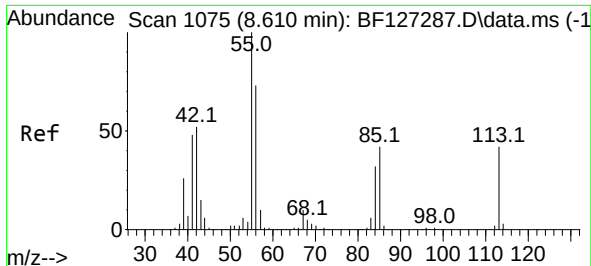
Tgt Ion:	127	Resp:	39639
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.5	39.7
65	39.3	26.6	39.8
92	22.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 4.727 ng
RT: 8.280 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:	225	Resp:	20974
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.6	73.0
227	65.1	51.4	77.0

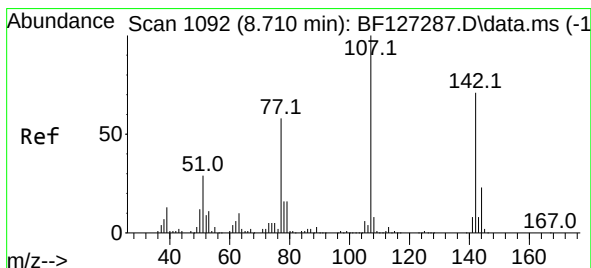
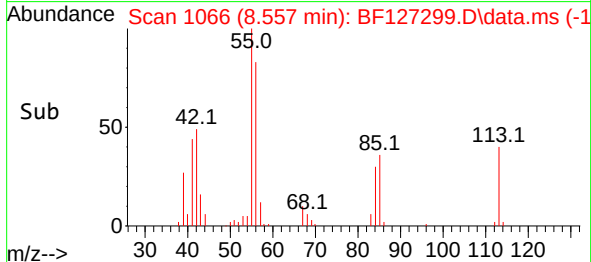
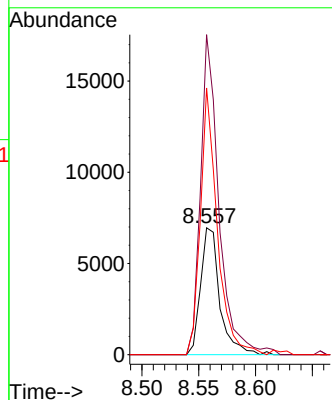
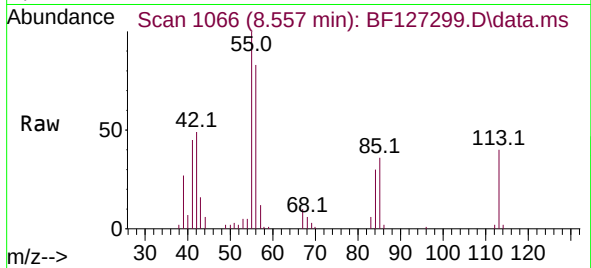




#35
Caprolactam
Concen: 4.702 ng
RT: 8.557 min Scan# 1091
Delta R.T. -0.053 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

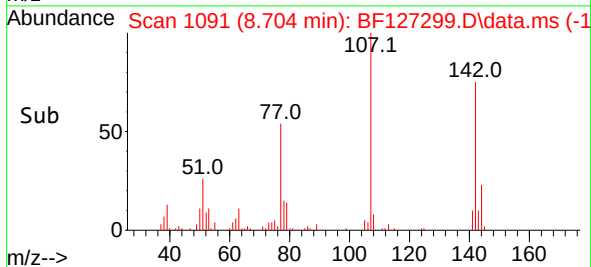
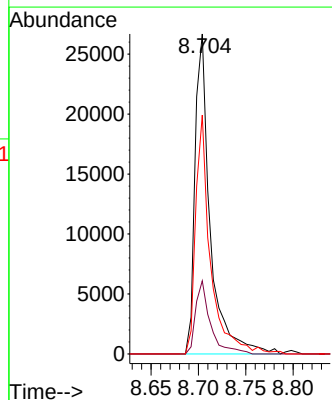
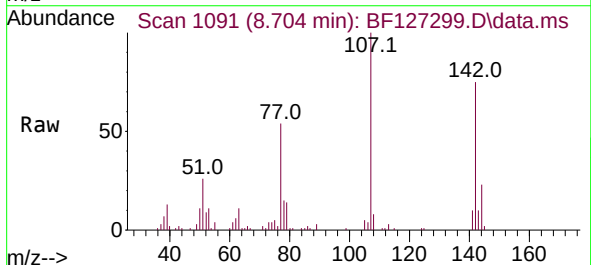
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

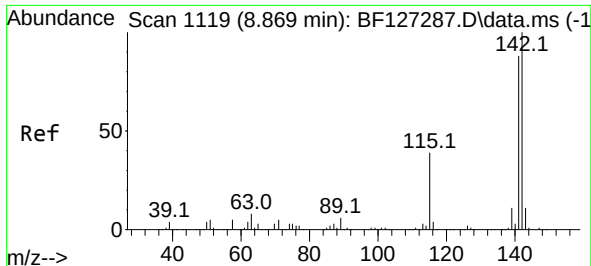
Tgt Ion:113 Resp: 8198
Ion Ratio Lower Upper
113 100
55 252.1 183.9 223.9#
56 210.2 129.9 169.9#



#36
4-Chloro-3-methylphenol
Concen: 4.724 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:107 Resp: 29885
Ion Ratio Lower Upper
107 100
144 22.9 18.5 27.7
142 74.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 5.204 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

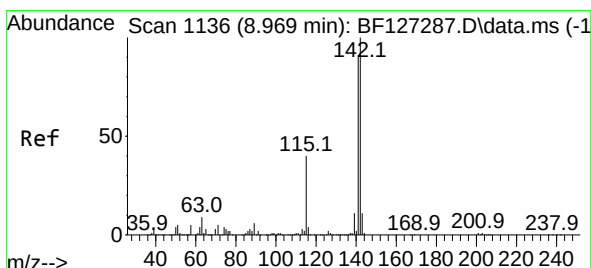
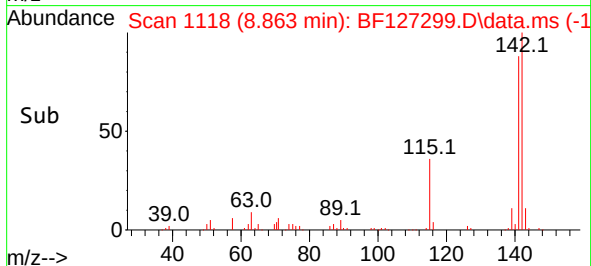
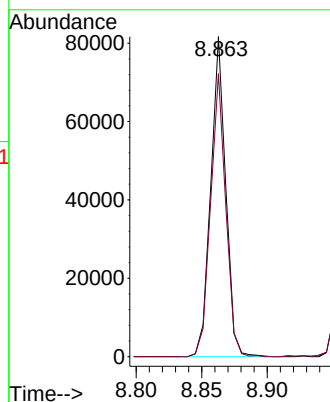
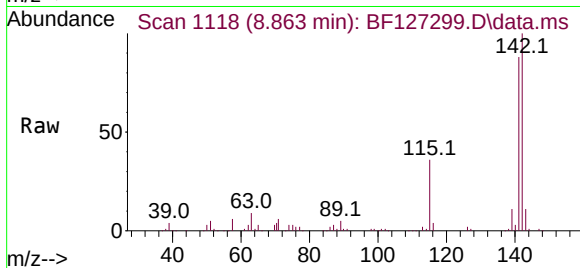
LOQ-SOIL-02-QT1-2022

Tgt Ion:142 Resp: 64932

Ion Ratio Lower Upper

142 100

141 88.4 68.6 102.8



#38

1-Methylnaphthalene

Concen: 5.280 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127299.D

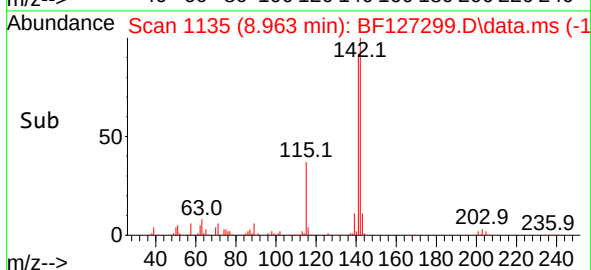
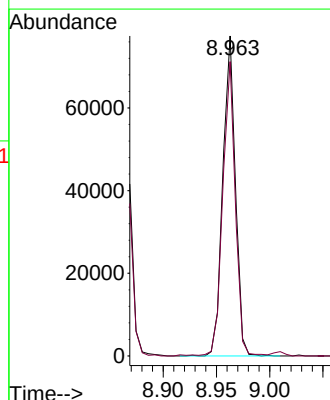
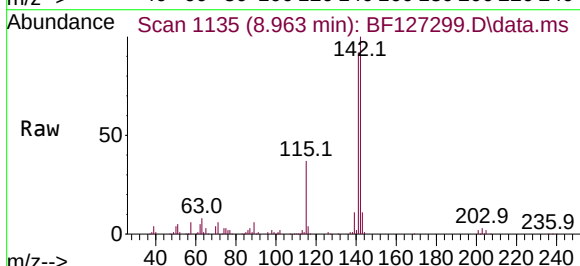
Acq: 11 Mar 2022 13:02

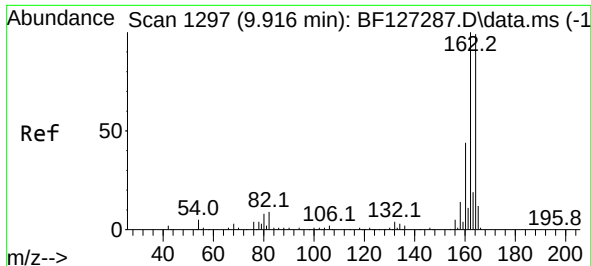
Tgt Ion:142 Resp: 63338

Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1

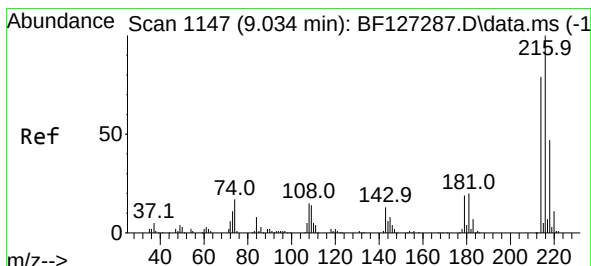
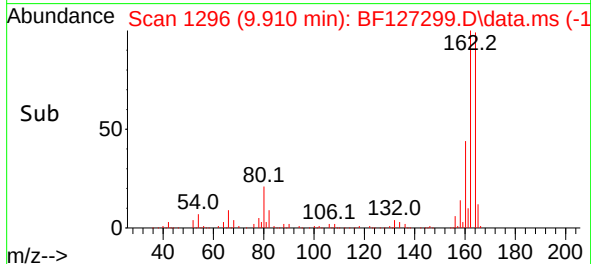
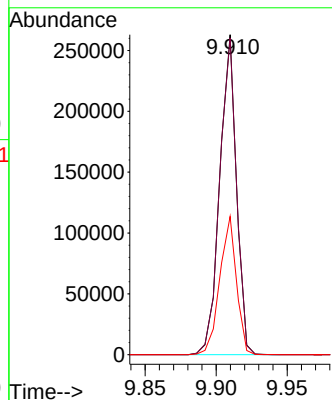
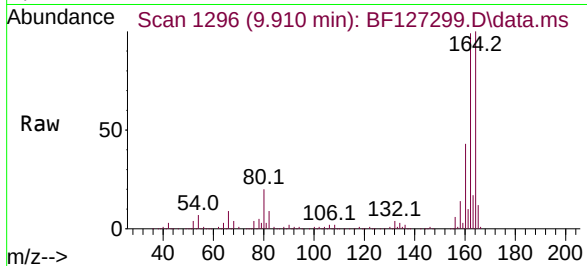




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

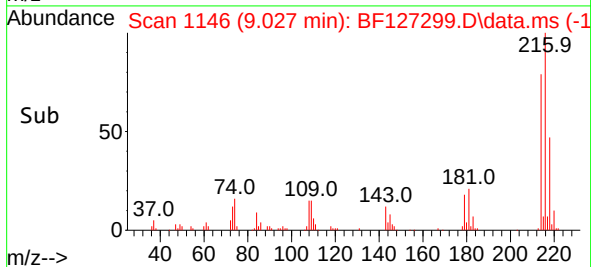
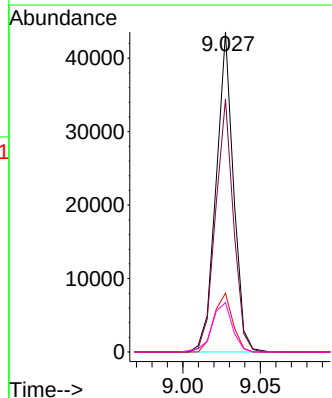
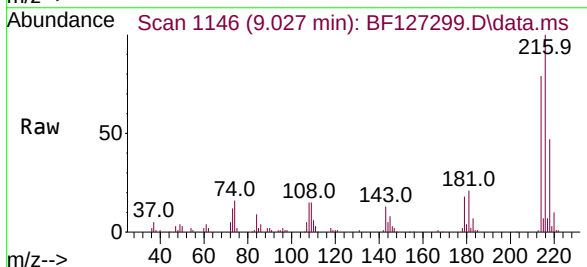
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

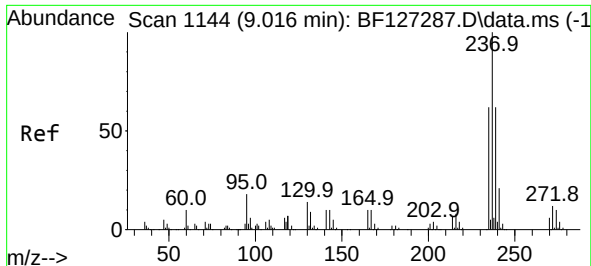
Tgt Ion:164 Resp: 214086
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.2 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.024 ng
RT: 9.027 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:216 Resp: 34049
Ion Ratio Lower Upper
216 100
214 81.3 64.6 96.8
179 19.7 19.5 29.3
108 17.9 21.1 31.7#

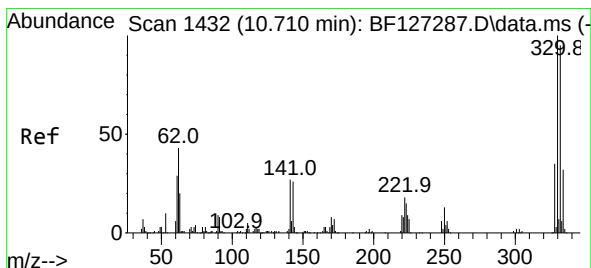
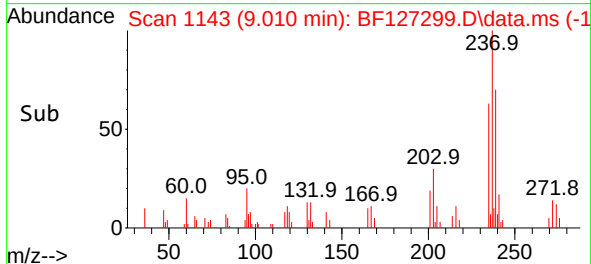
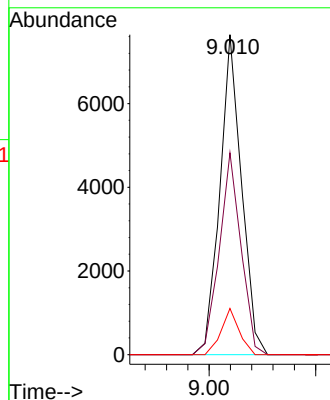
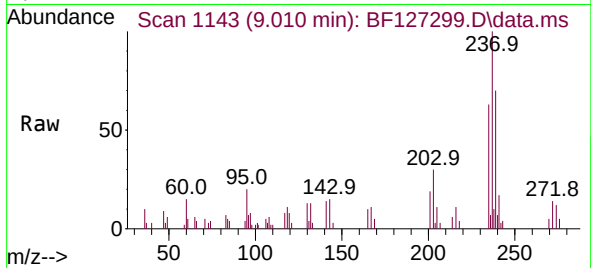




#41
Hexachlorocyclopentadiene
Concen: 2.264 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

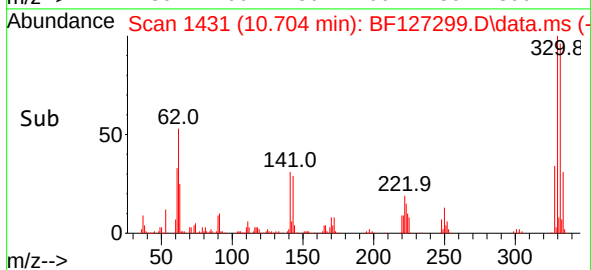
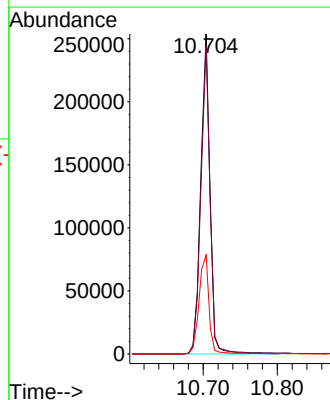
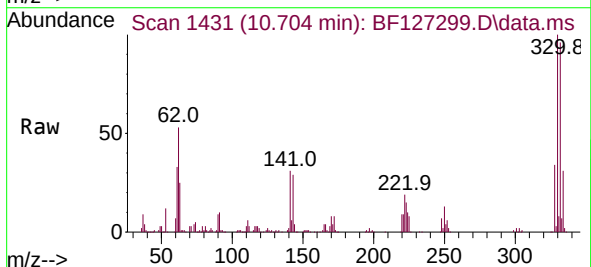
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

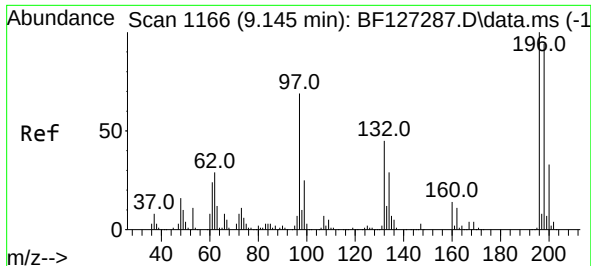
Tgt Ion:237 Resp: 5392
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 95.224 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:330 Resp: 219455
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 33.6 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 4.385 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

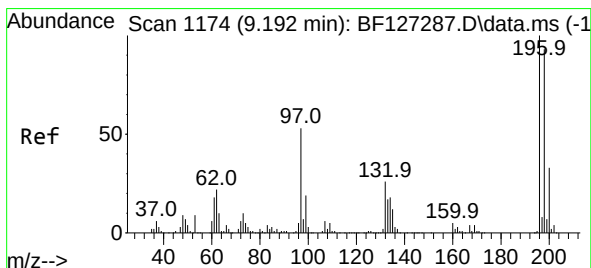
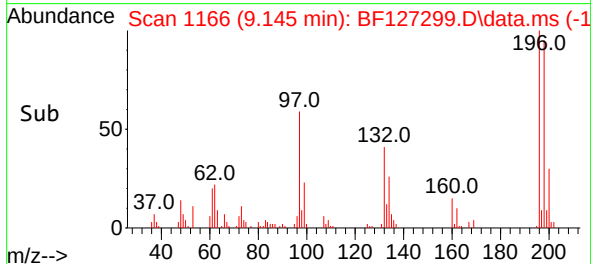
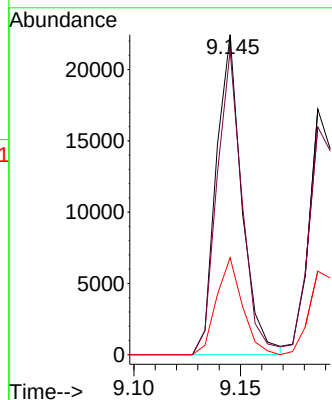
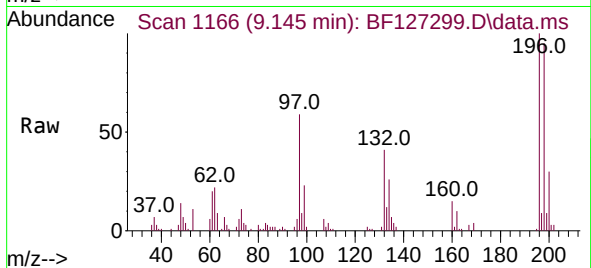
Tgt Ion:196 Resp: 18758

Ion Ratio Lower Upper

196 100

198 95.1 78.5 117.7

200 30.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 4.132 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.047 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Tgt Ion:196 Resp: 18758

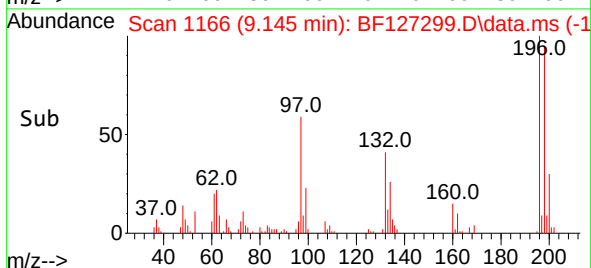
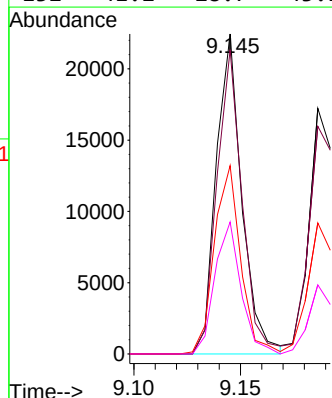
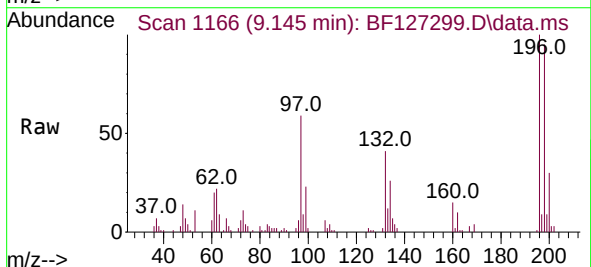
Ion Ratio Lower Upper

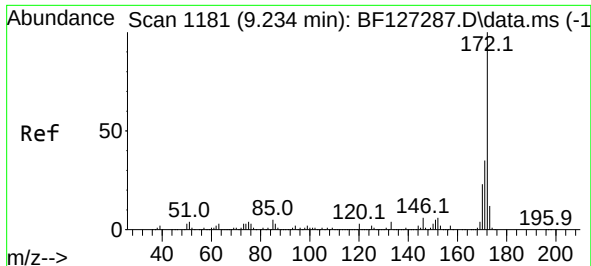
196 100

198 95.1 82.0 123.0

97 58.9 53.5 80.3

132 41.2 28.7 43.1

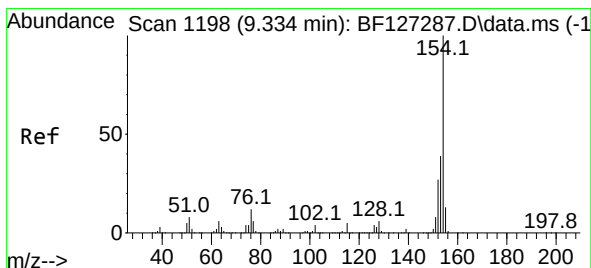
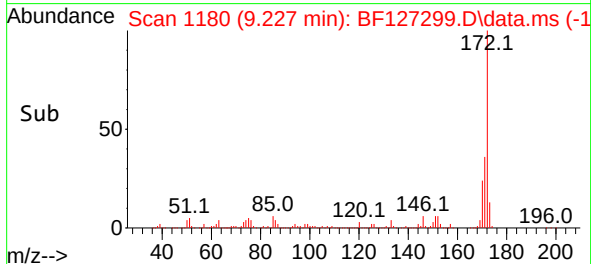
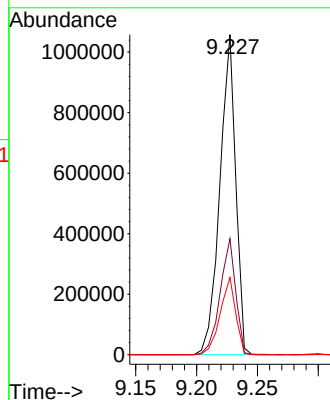
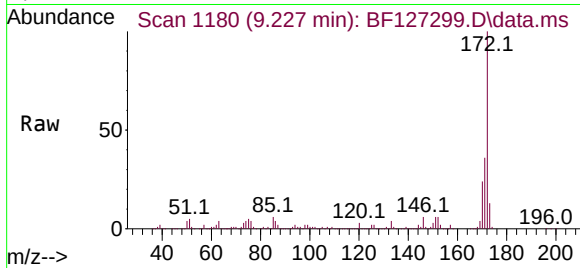




#45
2-Fluorobiphenyl
Concen: 63.426 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

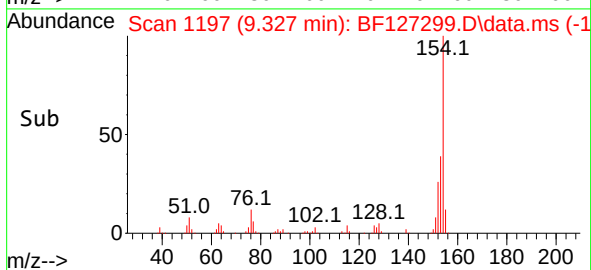
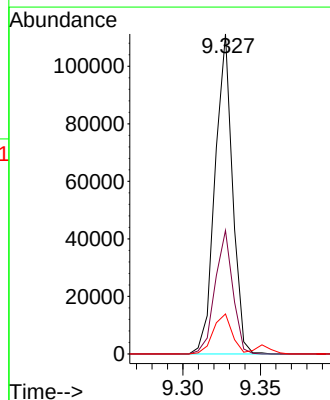
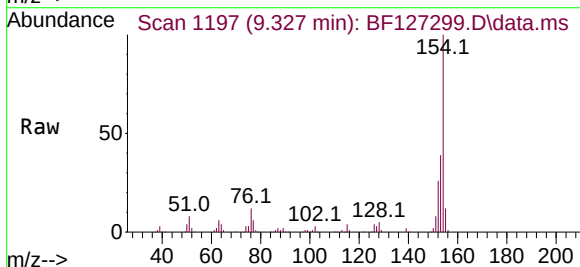
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

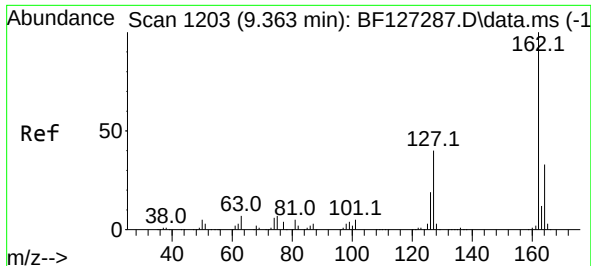
Tgt Ion:172 Resp: 960447
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 5.392 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:154 Resp: 87119
Ion Ratio Lower Upper
154 100
153 38.6 19.0 59.0
76 12.5 0.0 34.5

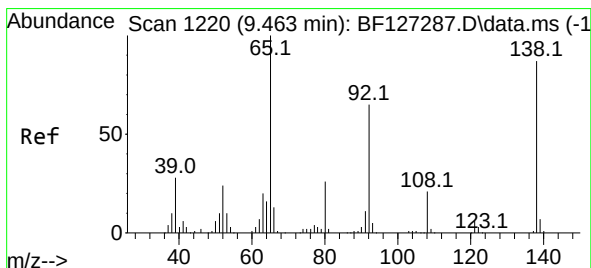
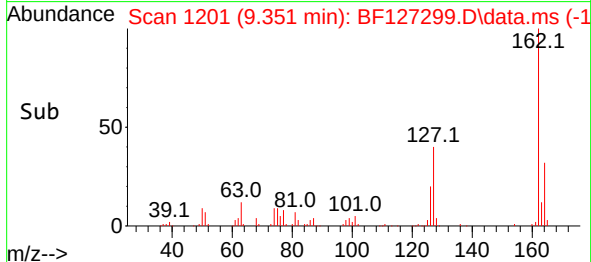
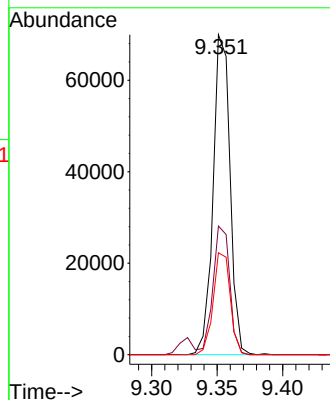
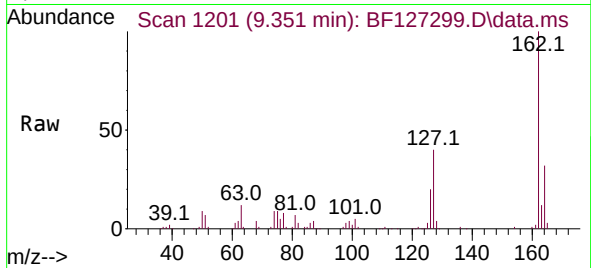




#47
2-Chloronaphthalene
Concen: 5.008 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

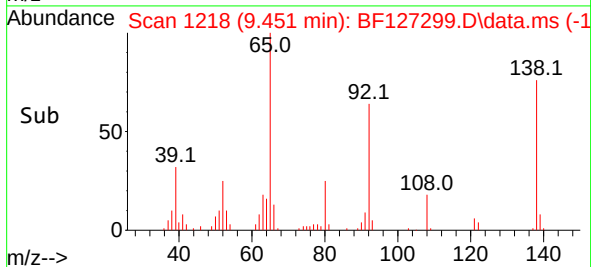
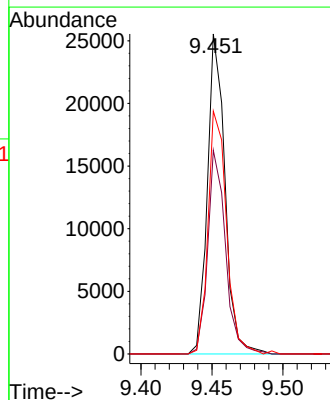
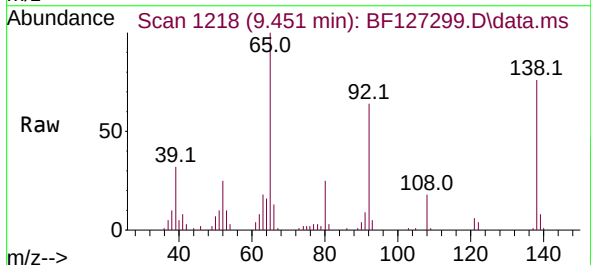
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

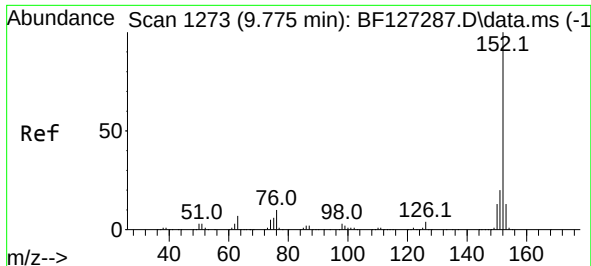
Tgt Ion:162 Resp: 62988
Ion Ratio Lower Upper
162 100
127 40.2 33.5 50.3
164 31.9 26.2 39.4



#48
2-Nitroaniline
Concen: 4.555 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion: 65 Resp: 22042
Ion Ratio Lower Upper
65 100
92 63.6 54.4 81.6
138 75.9 72.5 108.7





#49

Acenaphthylene

Concen: 5.400 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

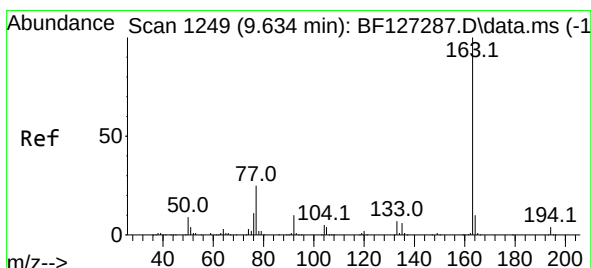
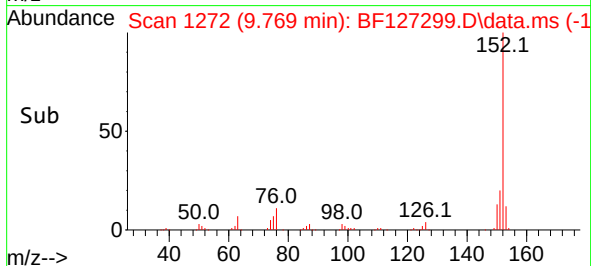
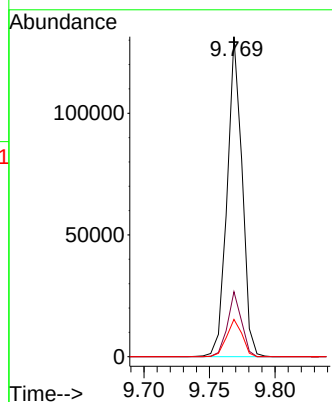
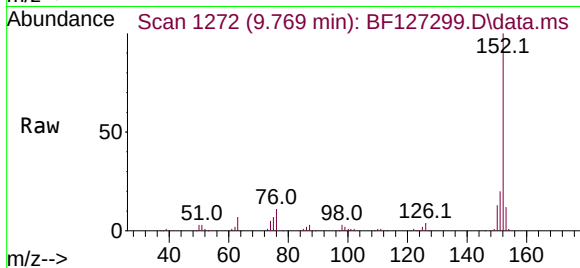
Tgt Ion:152 Resp: 103950

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 11.7 11.4 17.0



#50

Dimethylphthalate

Concen: 4.707 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

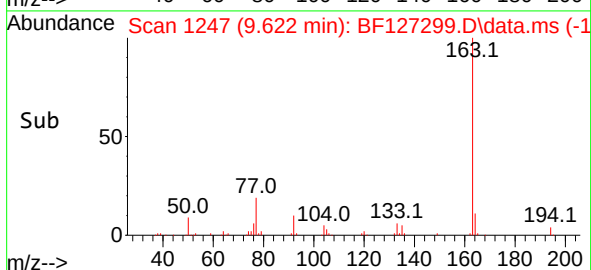
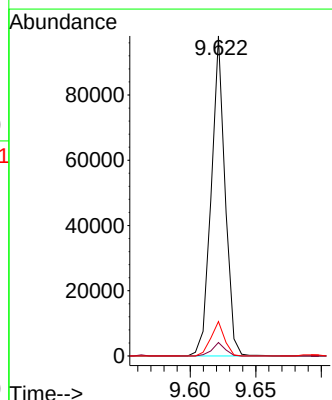
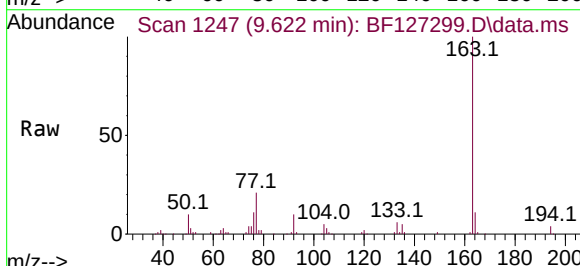
Tgt Ion:163 Resp: 72207

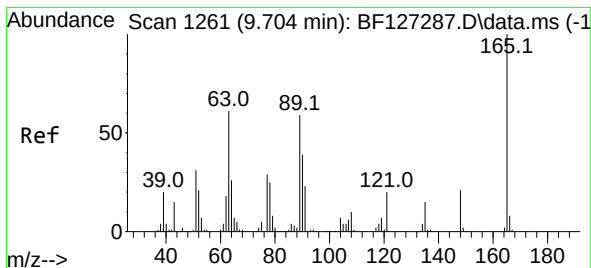
Ion Ratio Lower Upper

163 100

194 4.2 2.6 3.8#

164 10.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 4.874 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

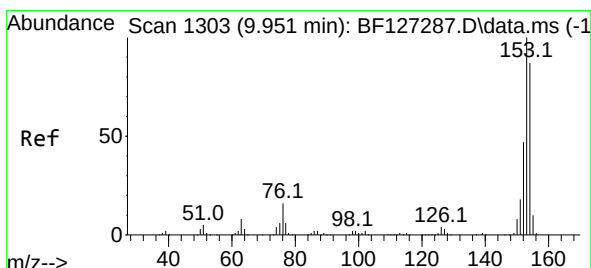
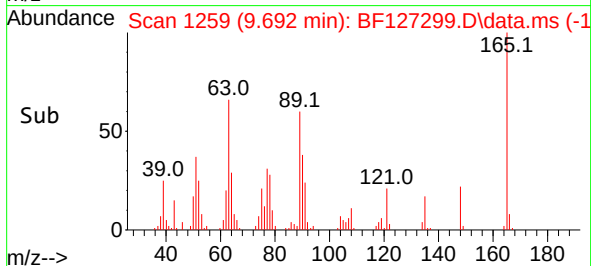
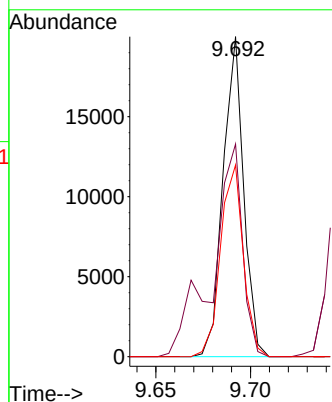
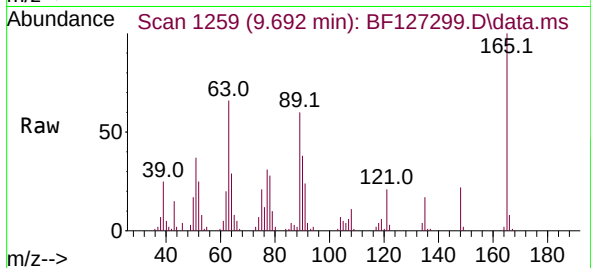
Tgt Ion:165 Resp: 15125

Ion Ratio Lower Upper

165 100

63 66.5 48.4 72.6

89 59.9 50.5 75.7



#52

Acenaphthene

Concen: 5.103 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

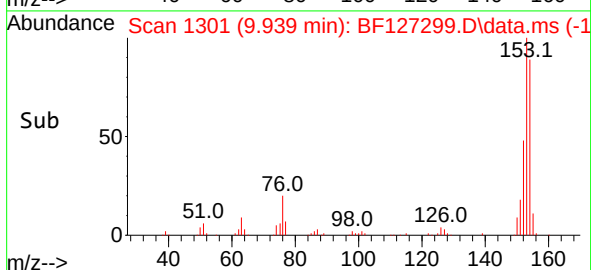
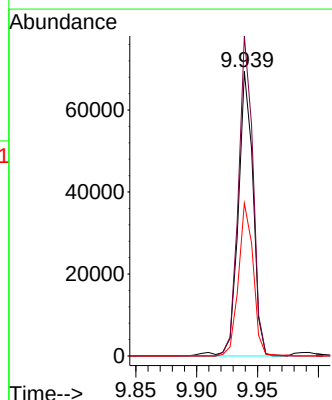
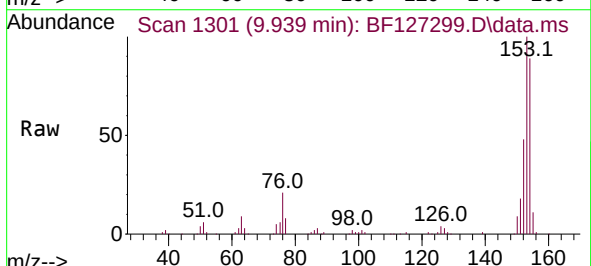
Tgt Ion:154 Resp: 58548

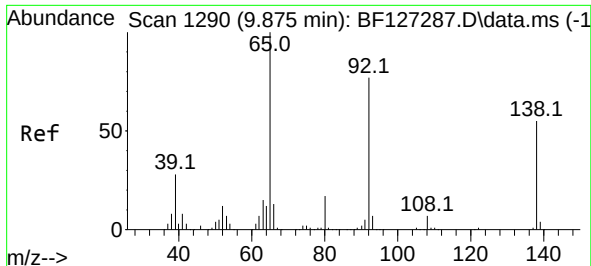
Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.6

152 53.7 39.4 59.2

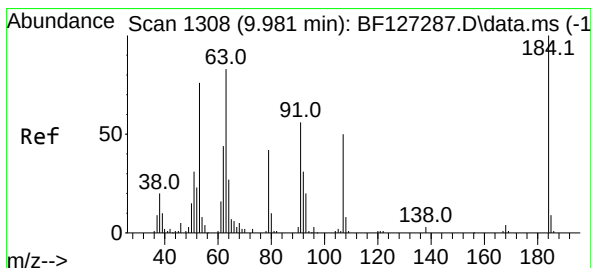
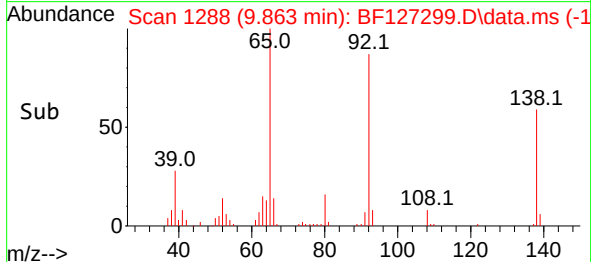
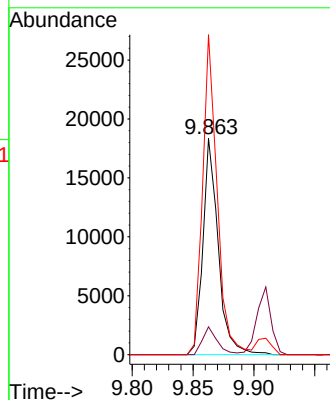
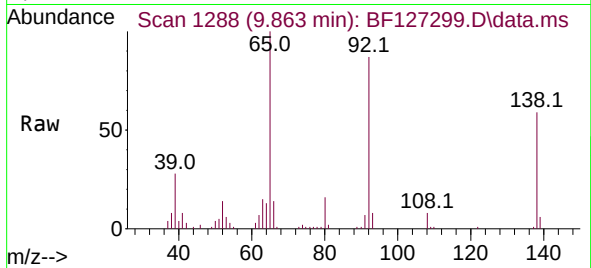




#53
3-Nitroaniline
Concen: 4.734 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

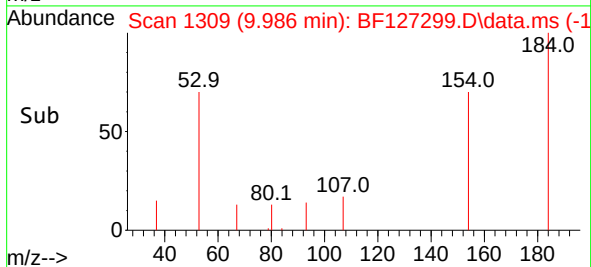
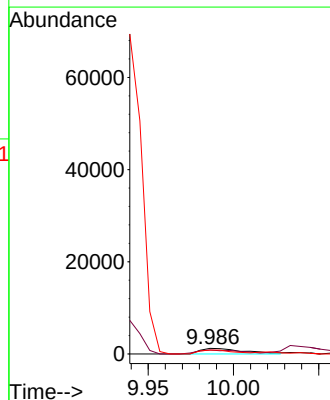
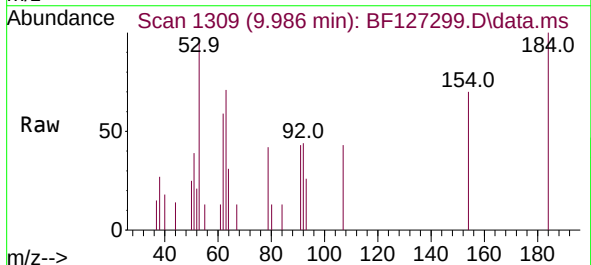
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

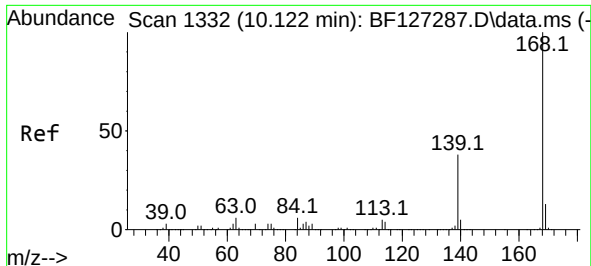
Tgt Ion:138 Resp: 16008
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 148.0 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 1.419 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:184 Resp: 2170
Ion Ratio Lower Upper
184 100
63 71.2 70.4 105.6
154 69.6 49.7 74.5

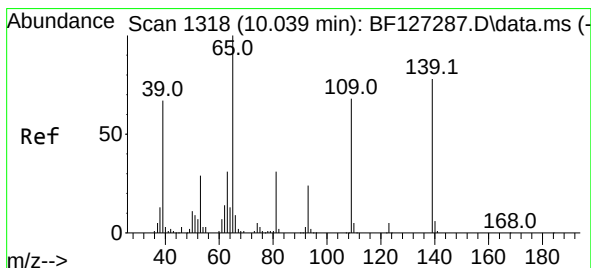
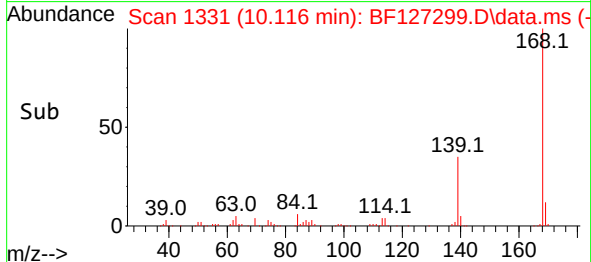
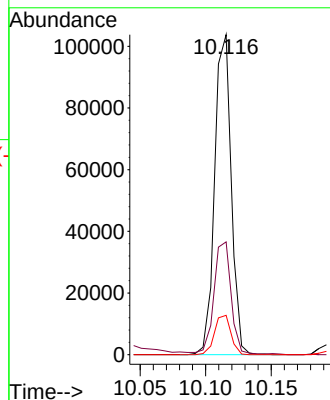
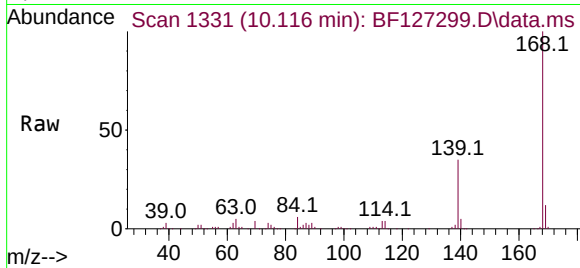




#55
Dibenzofuran
Concen: 5.113 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

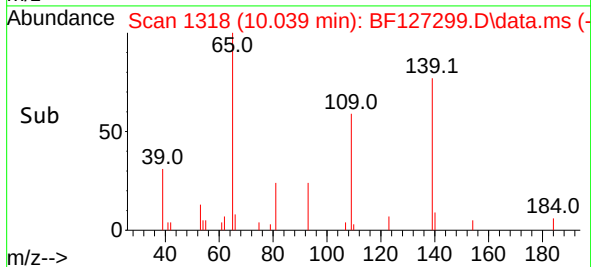
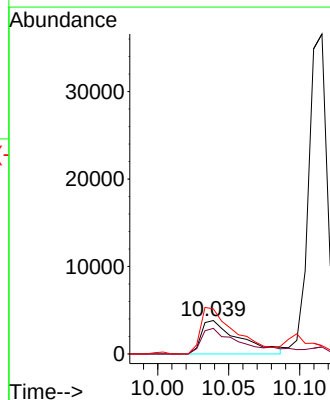
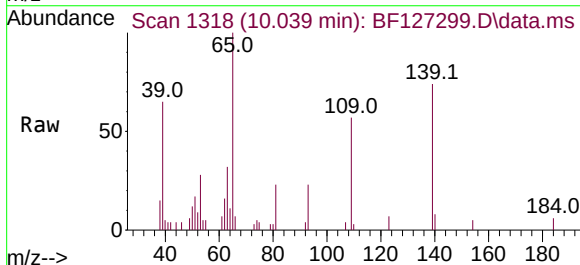
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

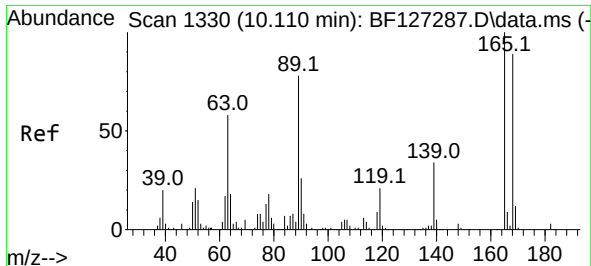
Tgt Ion:168 Resp: 91137
Ion Ratio Lower Upper
168 100
139 35.3 30.6 46.0
169 12.3 10.0 15.0



#56
4-Nitrophenol
Concen: 3.485 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:139 Resp: 7163
Ion Ratio Lower Upper
139 100
109 76.6 44.1 84.1
65 134.8 85.5 125.5#

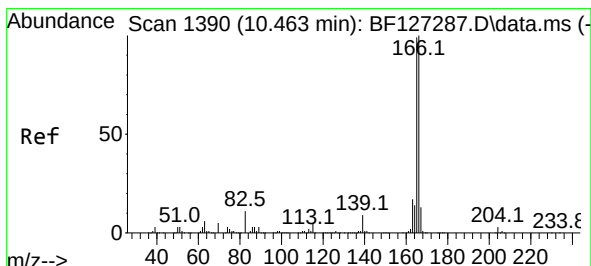
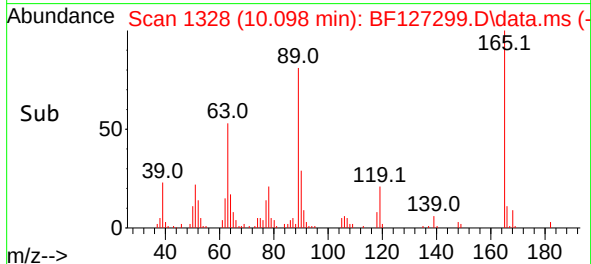
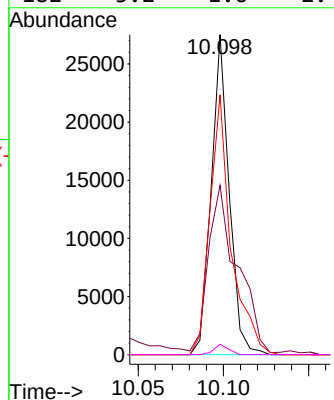
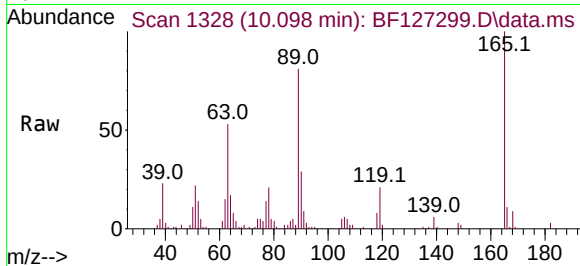




#57
2,4-Dinitrotoluene
Concen: 4.954 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

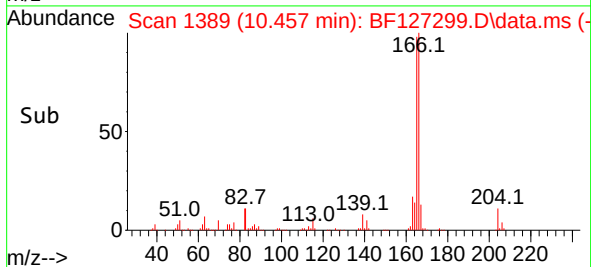
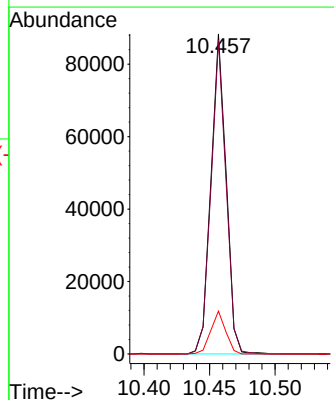
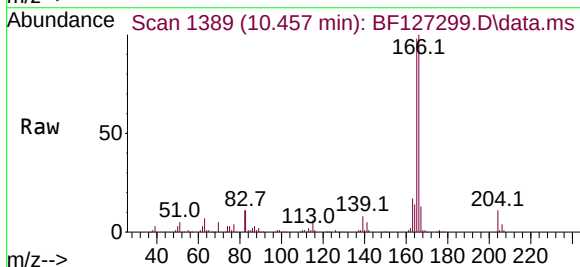
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

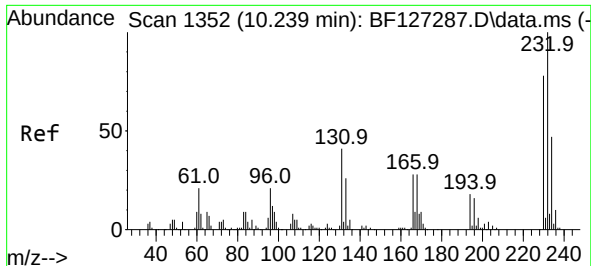
Tgt Ion:165 Resp: 20227
Ion Ratio Lower Upper
165 100
63 52.9 43.0 64.6
89 81.2 71.0 106.4
182 3.2 1.6 2.4#



#58
Fluorene
Concen: 5.160 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:166 Resp: 71327
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.497 ng

RT: 10.233 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:232 Resp: 16966

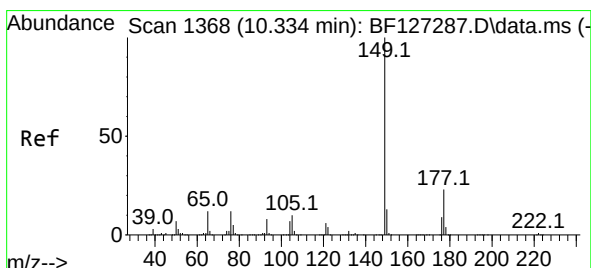
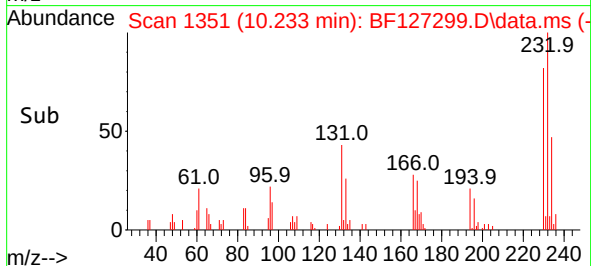
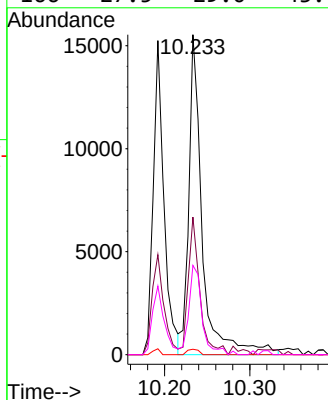
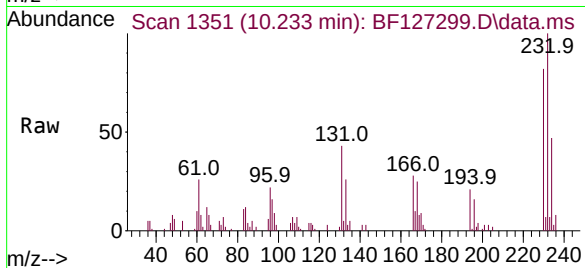
Ion Ratio Lower Upper

232 100

131 37.0 50.0 75.0#

130 1.5 2.2 3.2#

166 27.5 29.0 43.4#



#60

Diethylphthalate

Concen: 4.935 ng

RT: 10.321 min Scan# 1366

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

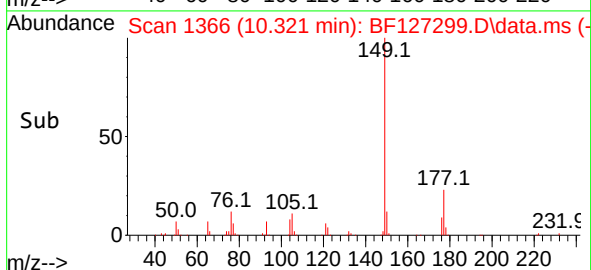
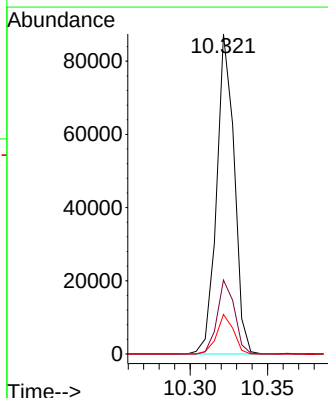
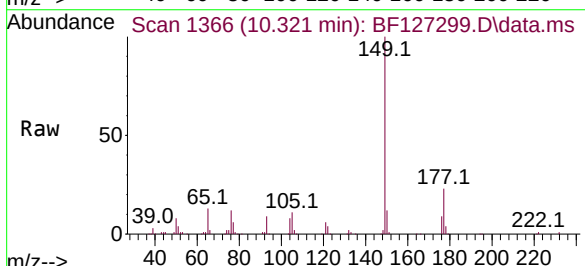
Tgt Ion:149 Resp: 69059

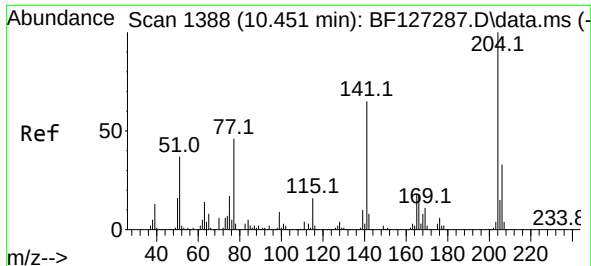
Ion Ratio Lower Upper

149 100

177 23.1 16.7 25.1

150 12.3 9.8 14.8

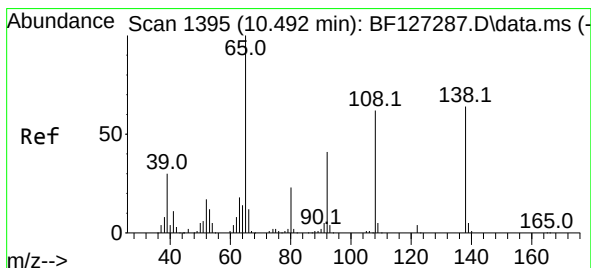
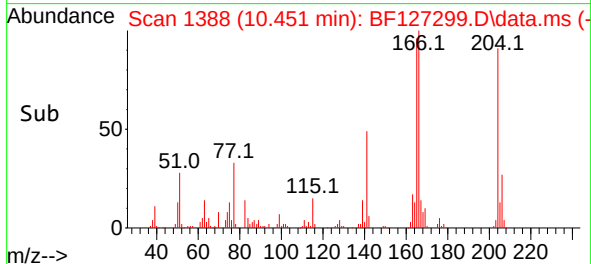
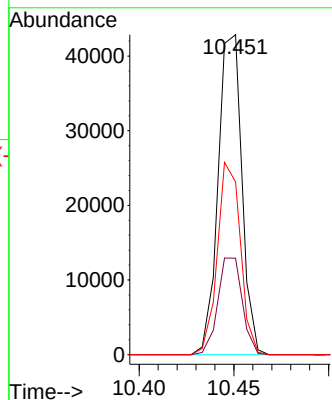
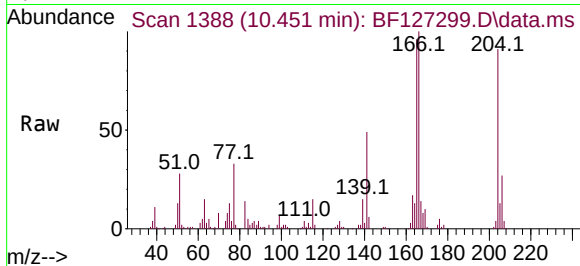




#61
4-Chlorophenyl-phenylether
Concen: 5.011 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

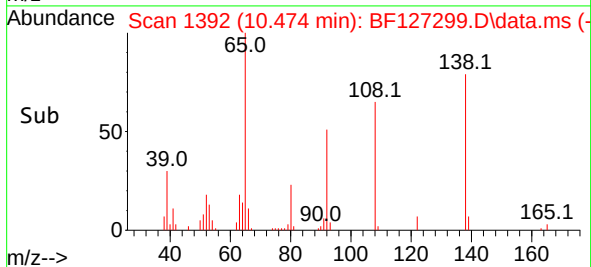
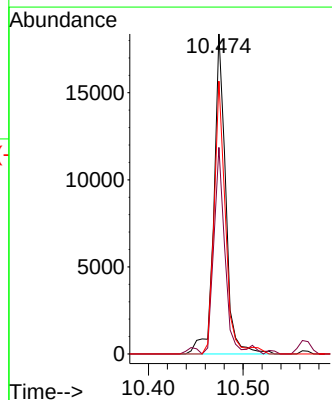
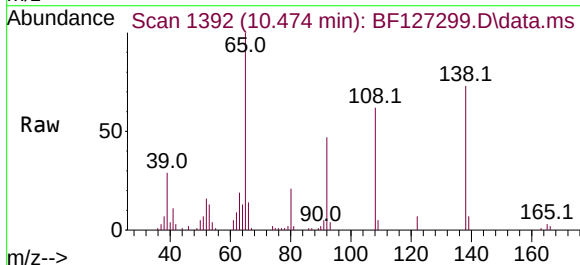
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

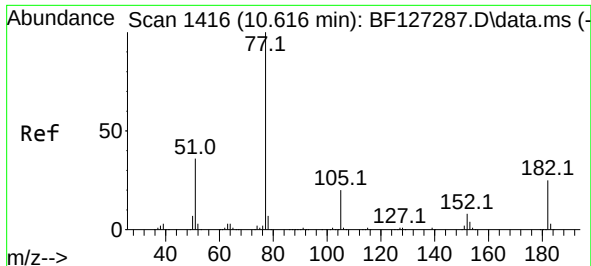
Tgt Ion:204 Resp: 37534
Ion Ratio Lower Upper
204 100
206 30.2 26.3 39.5
141 54.0 59.0 88.6#



#62
4-Nitroaniline
Concen: 4.683 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:138 Resp: 15779
Ion Ratio Lower Upper
138 100
92 64.6 36.2 76.2
108 85.2 46.7 86.7

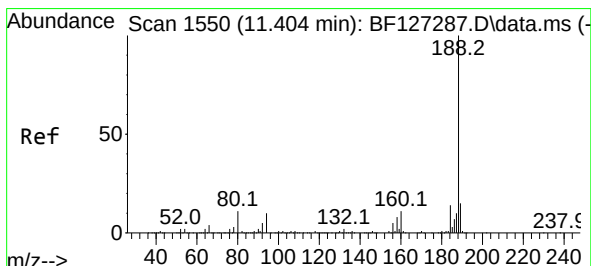
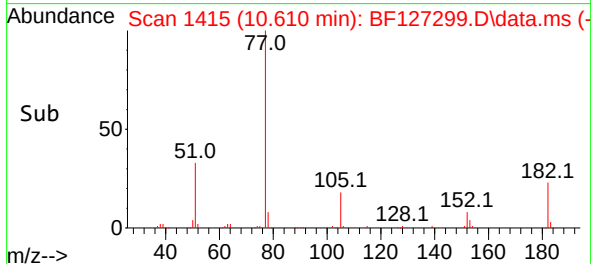
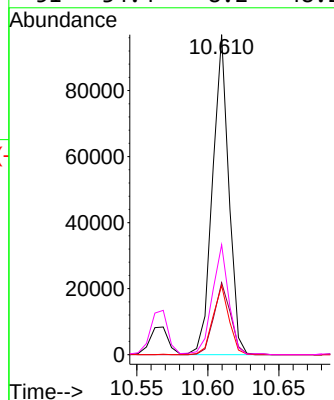
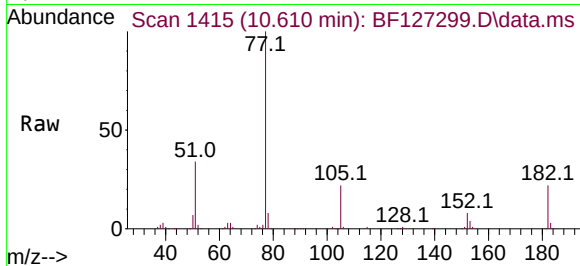




#63
Azobenzene
Concen: 4.790 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

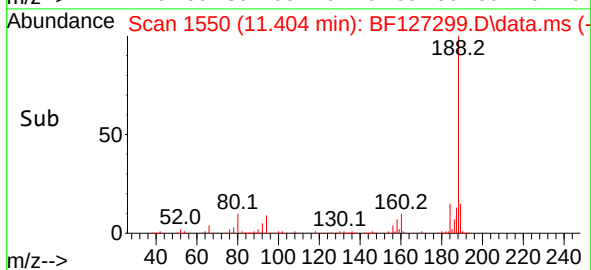
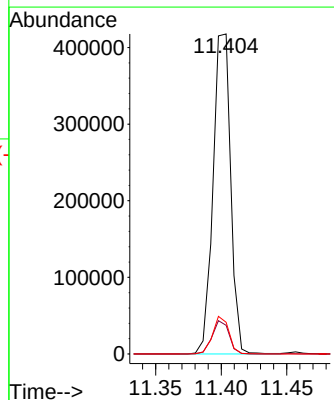
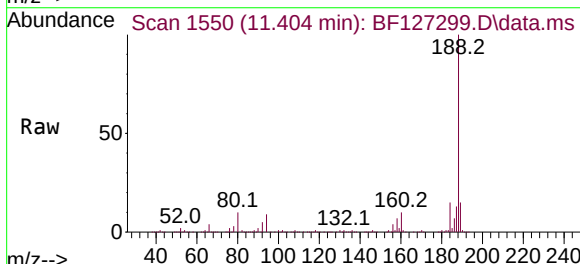
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

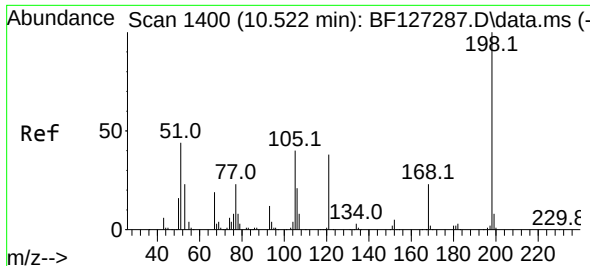
Tgt Ion: 77	Resp: 77048
Ion Ratio	Lower Upper
77 100	
182 22.5	0.0 39.0
105 21.6	3.2 43.2
51 34.4	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:188	Resp: 391270
Ion Ratio	Lower Upper
188 100	
94 8.9	10.1 15.1#
80 9.9	11.8 17.6#

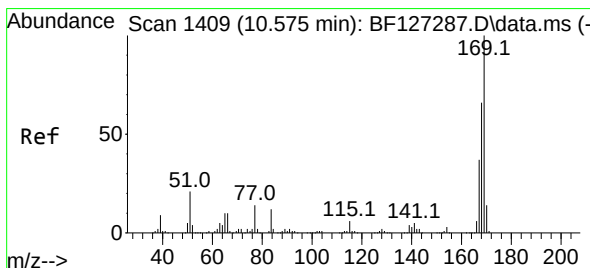
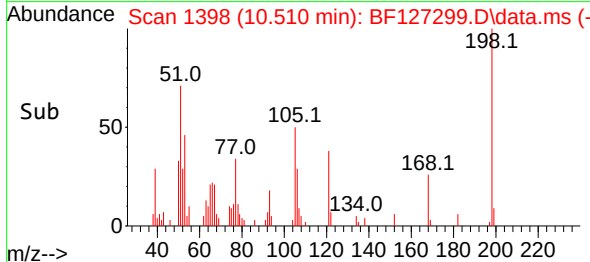
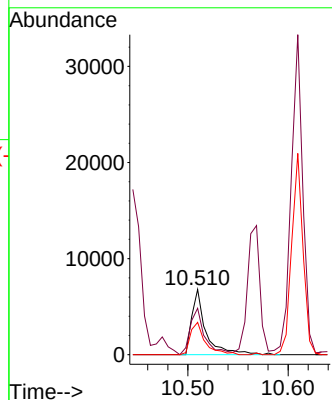
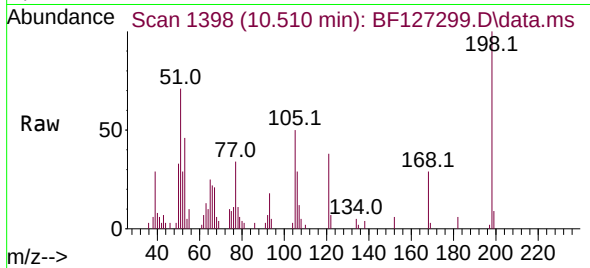




#65
4,6-Dinitro-2-methylphenol
Concen: 2.752 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

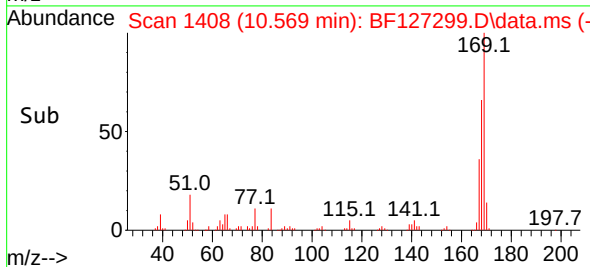
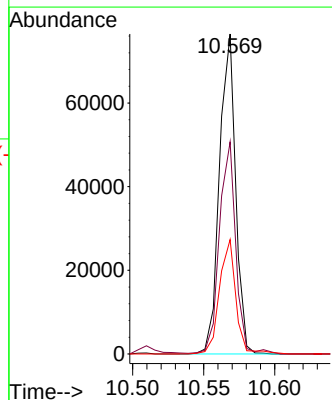
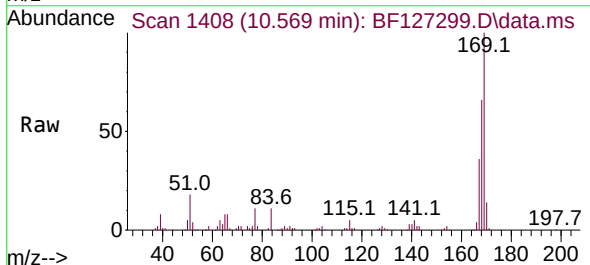
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

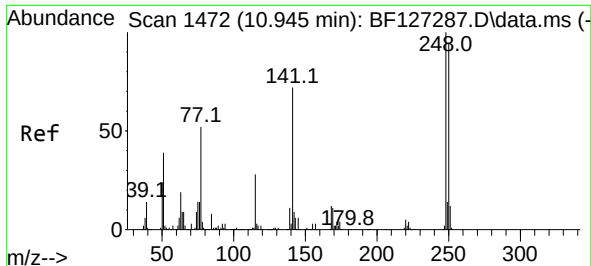
Tgt Ion:198 Resp: 6640
Ion Ratio Lower Upper
198 100
51 71.1 32.0 72.0
105 49.6 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 4.961 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:169 Resp: 60283
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.8 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 4.680 ng

RT: 10.939 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

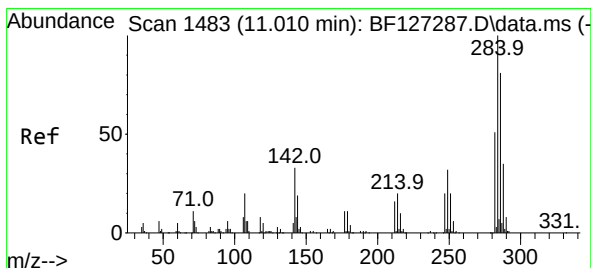
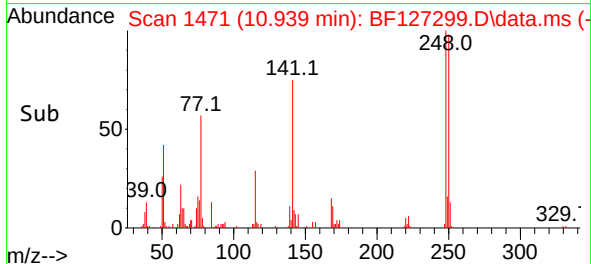
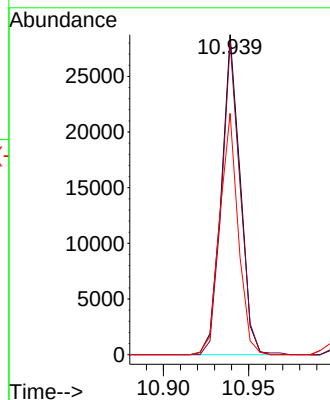
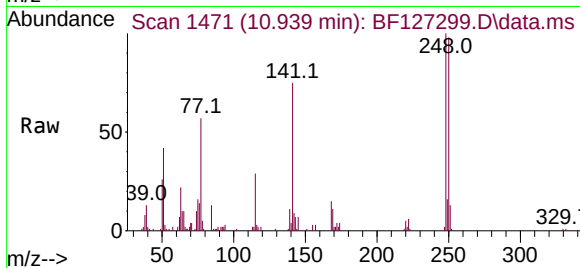
Tgt Ion:248 Resp: 22075

Ion Ratio Lower Upper

248 100

250 97.7 76.2 114.4

141 75.4 66.2 99.4



#68

Hexachlorobenzene

Concen: 4.645 ng

RT: 11.004 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

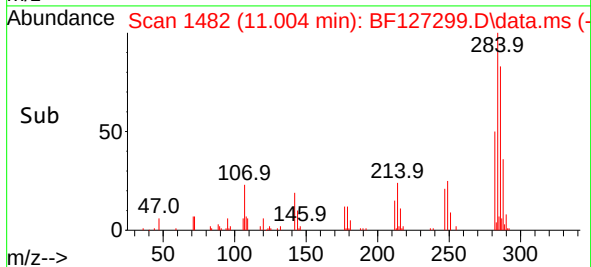
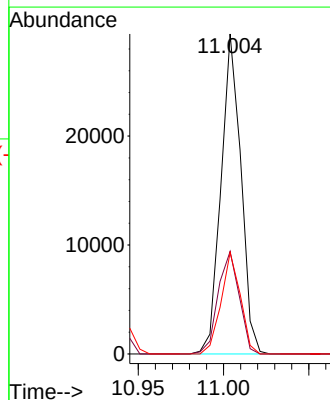
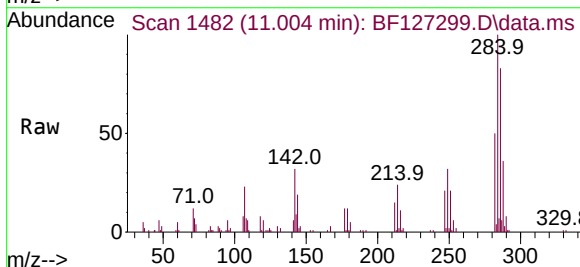
Tgt Ion:284 Resp: 23874

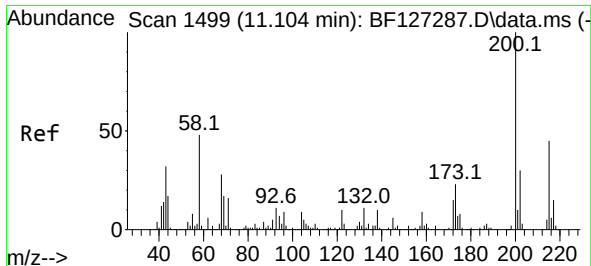
Ion Ratio Lower Upper

284 100

142 32.1 30.7 46.1

249 31.7 21.1 31.7#





#69

Atrazine

Concen: 5.131 ng

RT: 11.092 min Scan# 1499

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

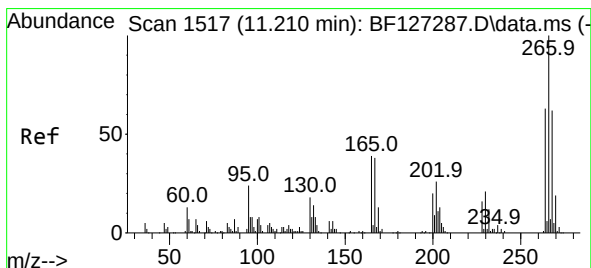
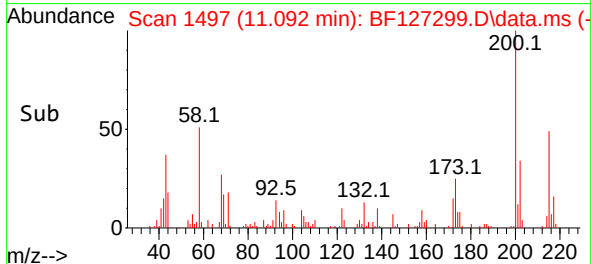
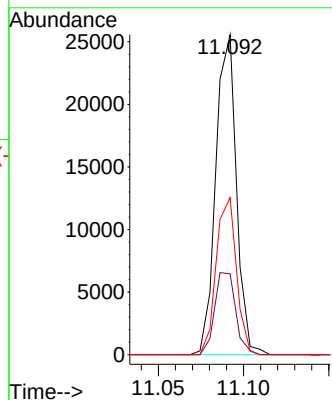
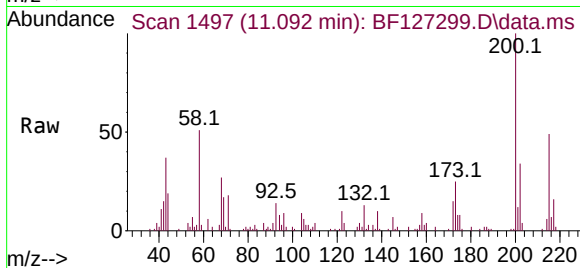
Tgt Ion:200 Resp: 21516

Ion Ratio Lower Upper

200 100

173 25.3 9.2 49.2

215 49.1 23.2 63.2



#70

Pentachlorophenol

Concen: 2.082 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

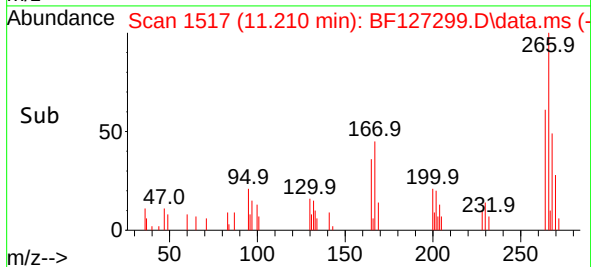
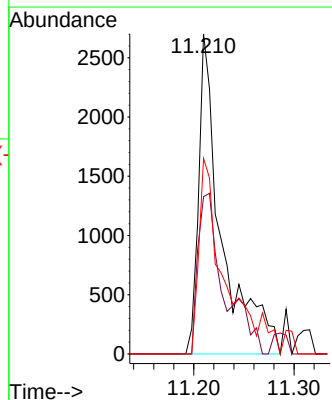
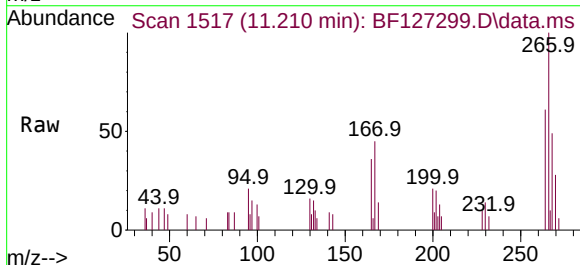
Tgt Ion:266 Resp: 4320

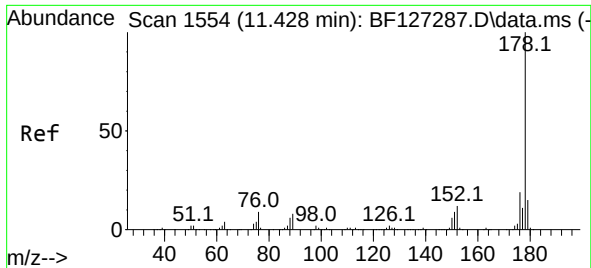
Ion Ratio Lower Upper

266 100

268 49.2 52.3 78.5#

264 61.1 50.4 75.6

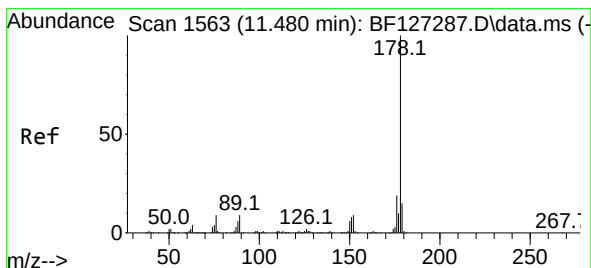
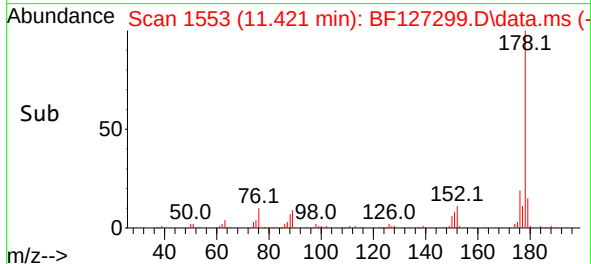
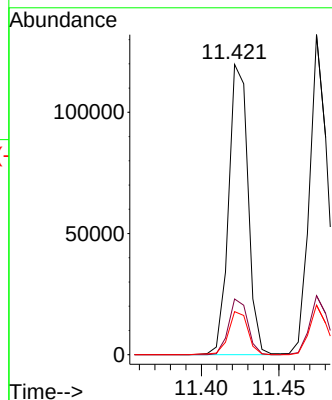
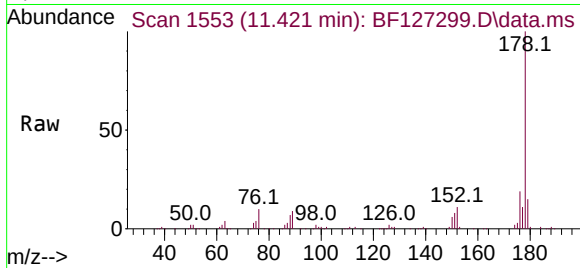




#71
Phenanthrene
Concen: 5.049 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

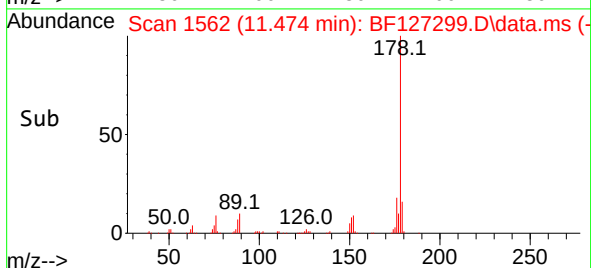
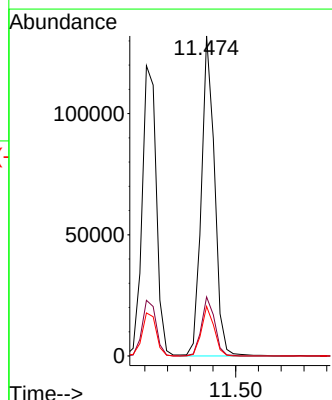
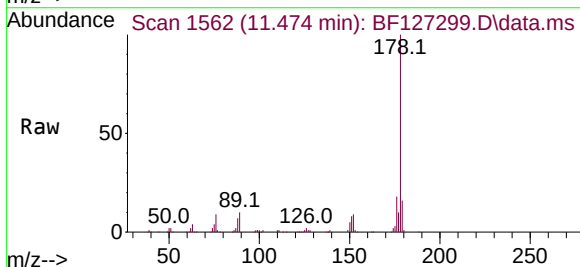
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

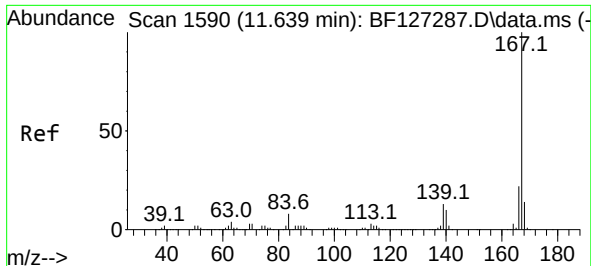
Tgt Ion:178 Resp: 104289
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.8 12.3 18.5



#72
Anthracene
Concen: 5.178 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:178 Resp: 105921
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.5 18.7

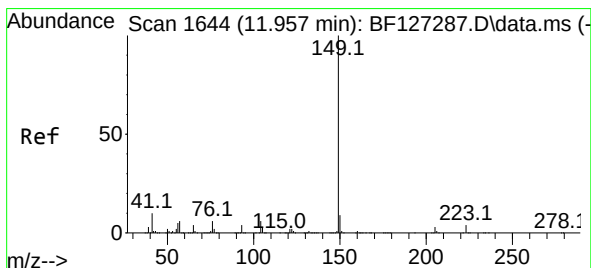
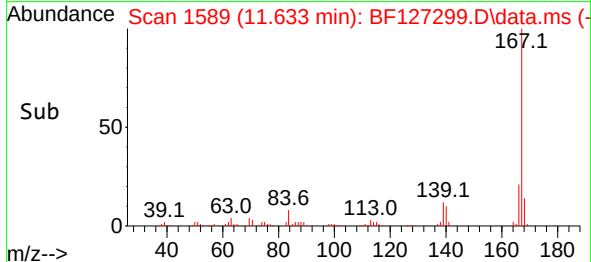
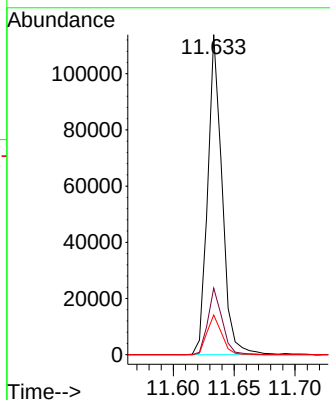
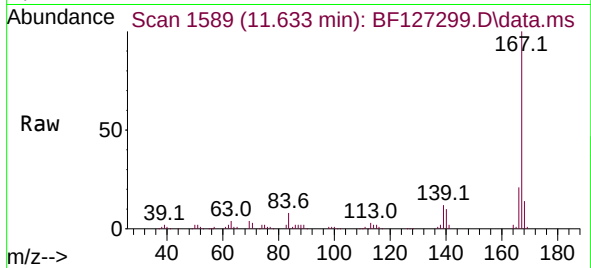




#73
 Carbazole
 Concen: 4.848 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

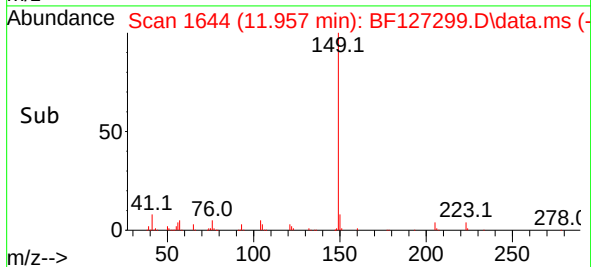
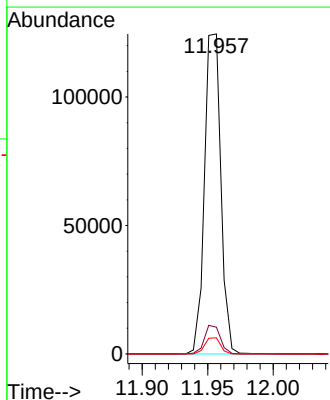
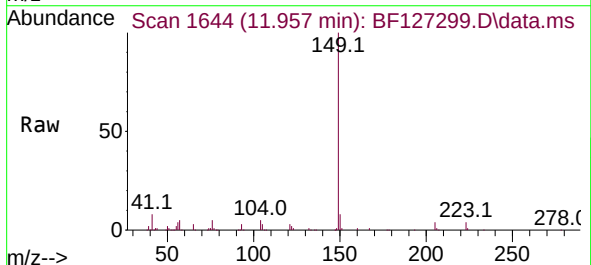
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

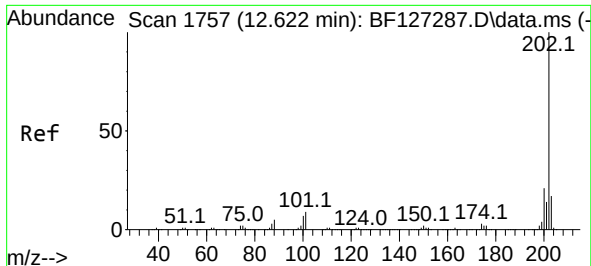
Tgt Ion:167	Resp:	93394
Ion Ratio	Lower	Upper
167	100	
166	20.8	16.9 25.3
139	12.4	11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 4.817 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

Tgt Ion:149	Resp:	108527
Ion Ratio	Lower	Upper
149	100	
150	8.4	7.2 10.8
104	5.1	4.2 6.2

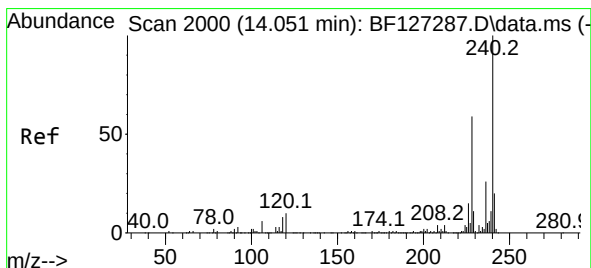
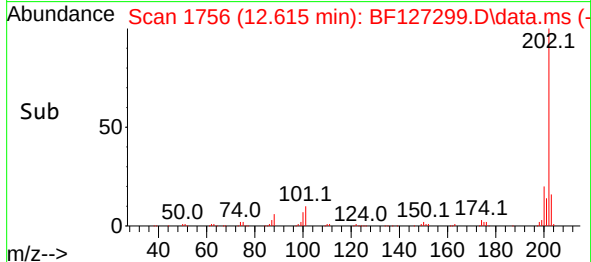
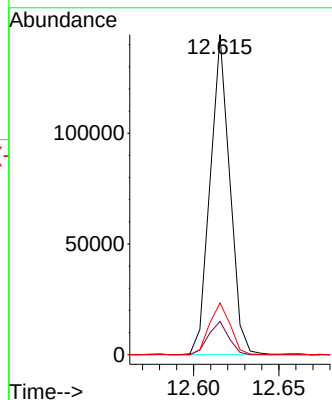
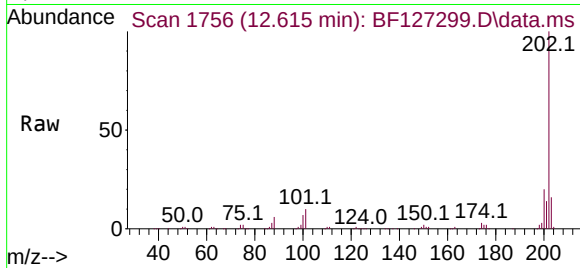




#75
Fluoranthene
Concen: 5.026 ng
RT: 12.615 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

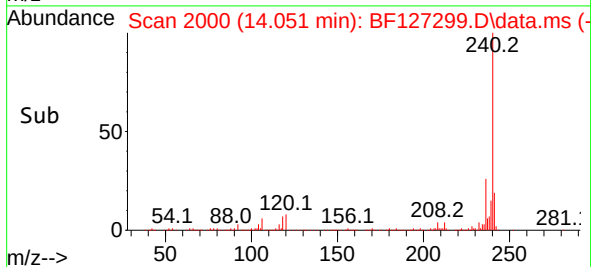
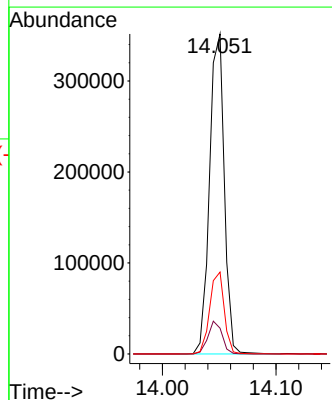
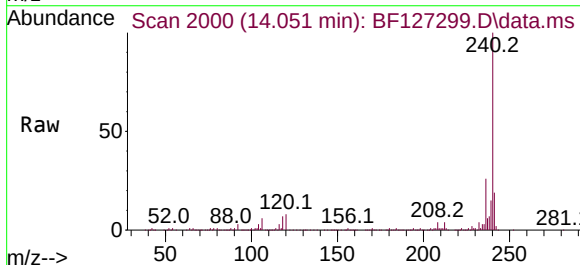
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

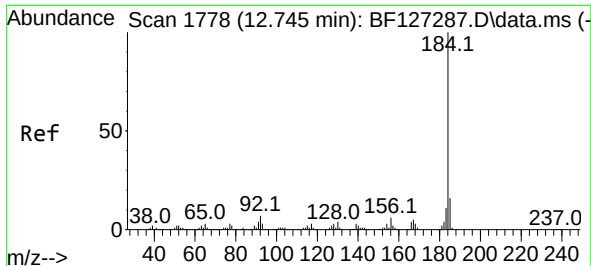
Tgt Ion:202 Resp: 116067
Ion Ratio Lower Upper
202 100
101 10.4 0.0 35.7
203 16.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:240 Resp: 317323
Ion Ratio Lower Upper
240 100
120 8.1 14.4 21.6#
236 25.6 20.5 30.7

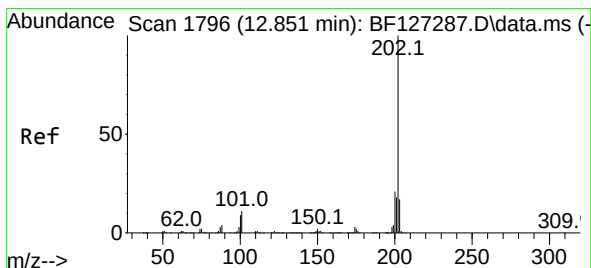
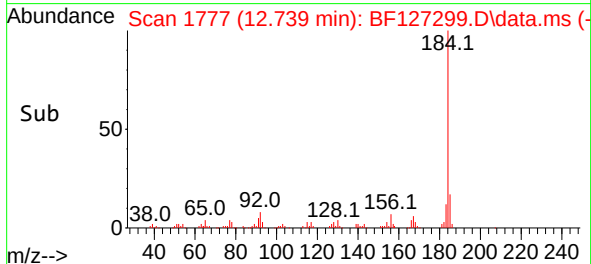
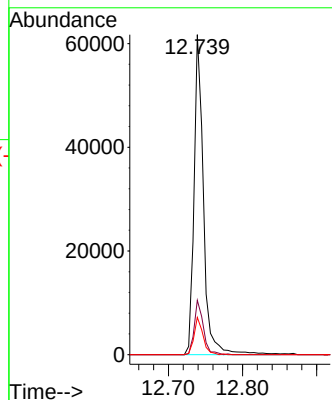
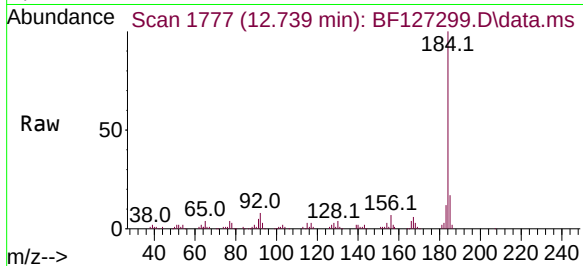




#77
Benzidine
Concen: 6.796 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

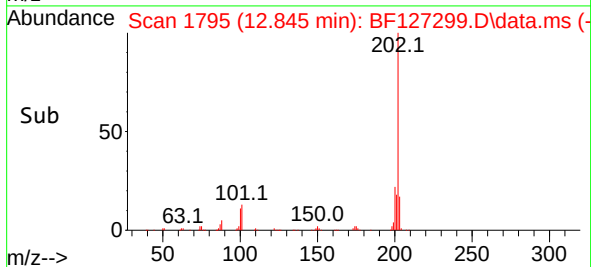
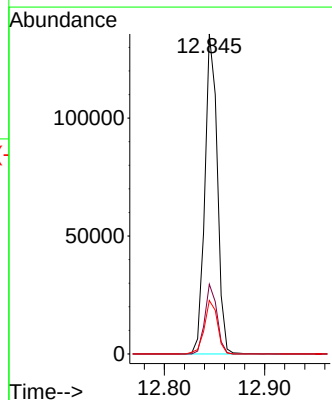
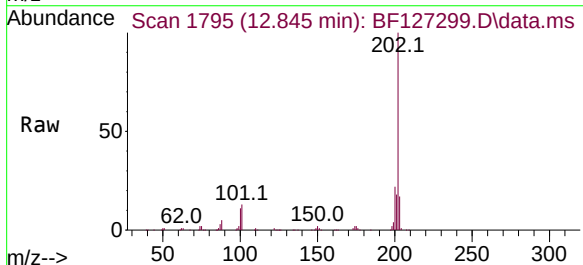
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

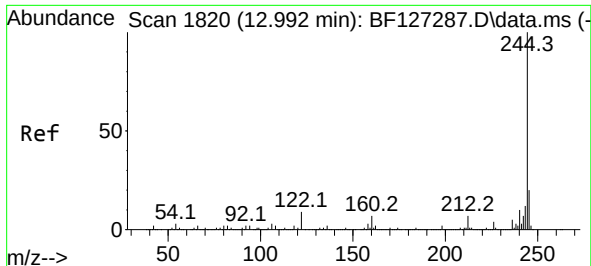
Tgt Ion:184 Resp: 54838
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.8
183 11.7 8.2 12.2



#78
Pyrene
Concen: 4.746 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:202 Resp: 117301
Ion Ratio Lower Upper
202 100
200 21.8 16.6 24.8
203 16.7 13.8 20.8

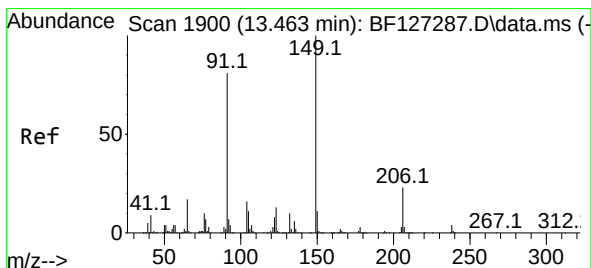
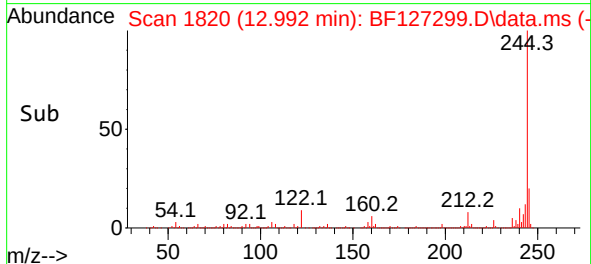
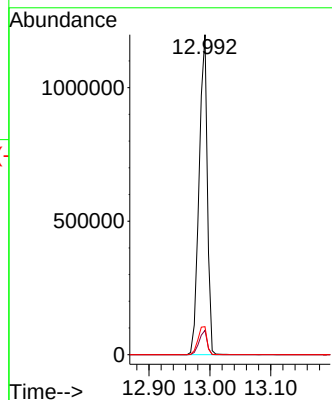
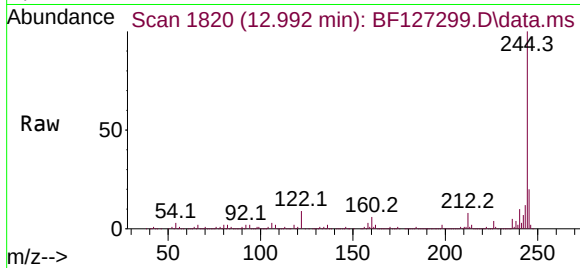




#79
 Terphenyl-d14
 Concen: 60.936 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

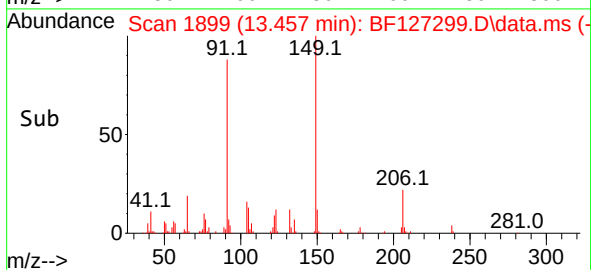
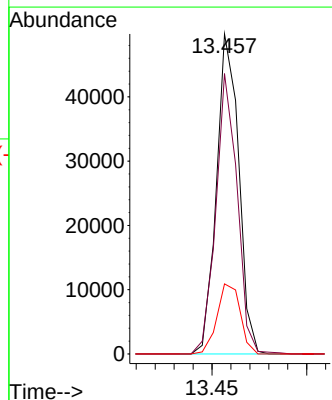
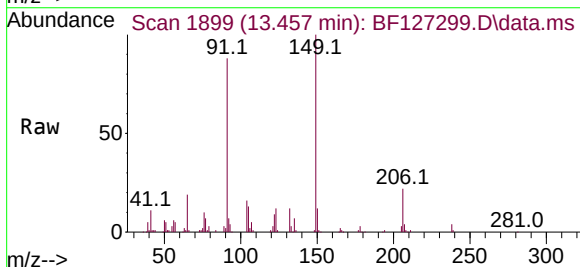
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

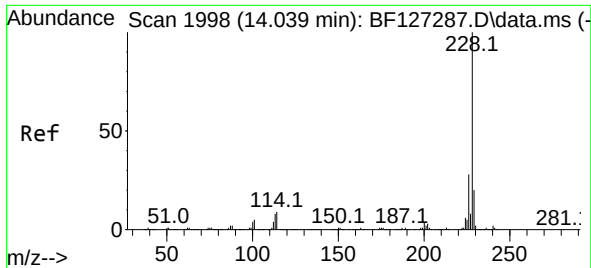
Tgt Ion:244 Resp: 1122931
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 8.8 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 4.272 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

Tgt Ion:149 Resp: 40637
 Ion Ratio Lower Upper
 149 100
 91 87.6 70.5 105.7
 206 21.9 12.6 19.0#

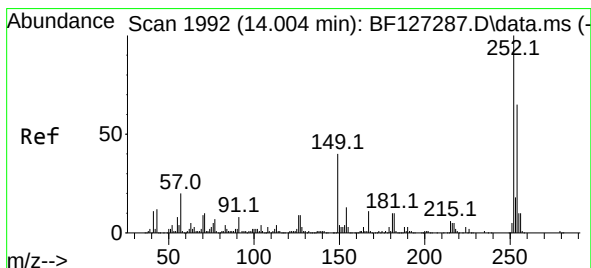
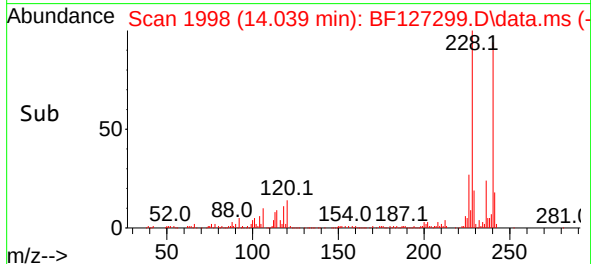
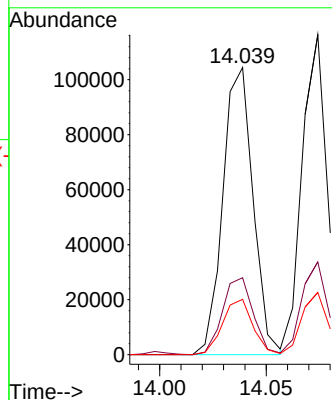
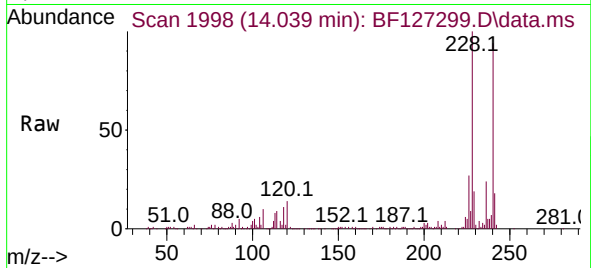




#81
Benzo(a)anthracene
Concen: 4.821 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

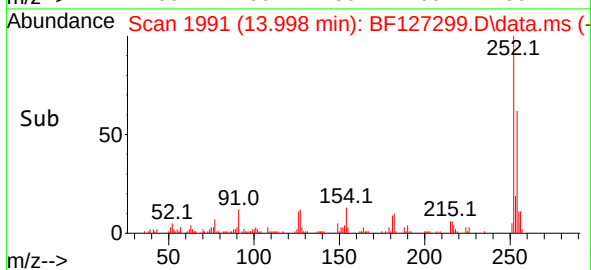
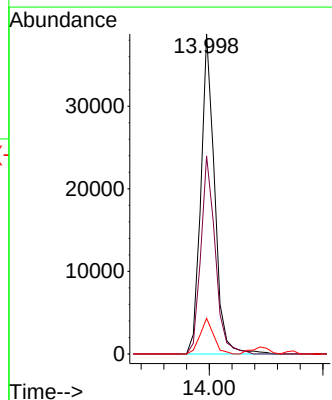
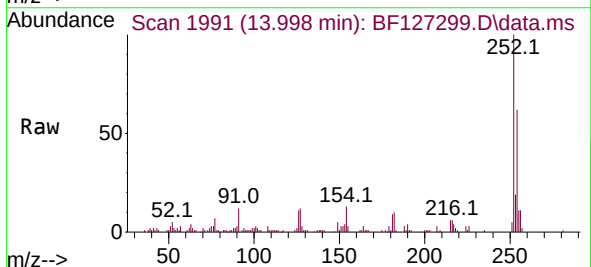
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

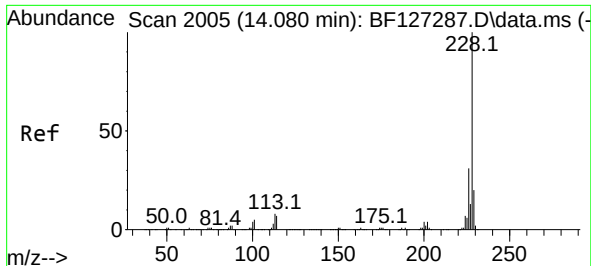
Tgt Ion:228 Resp: 102998
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 4.895 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:252 Resp: 32517
Ion Ratio Lower Upper
252 100
254 61.9 51.0 76.4
126 11.1 13.4 20.0#





#83

Chrysene

Concen: 4.888 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

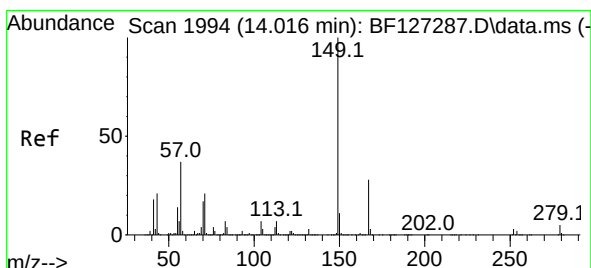
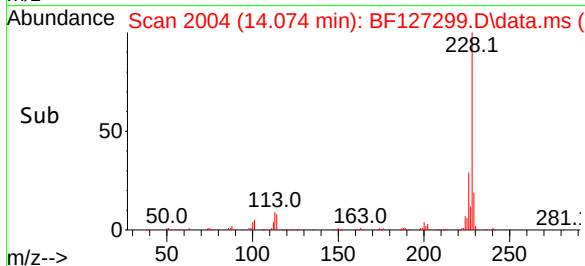
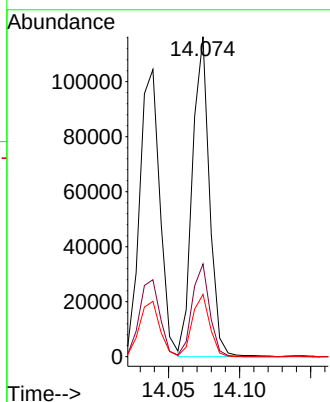
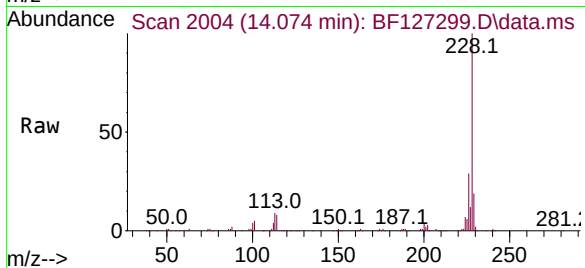
Tgt Ion:228 Resp: 97141

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.738 ng

RT: 14.009 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

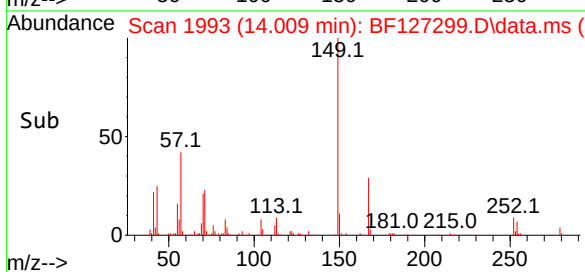
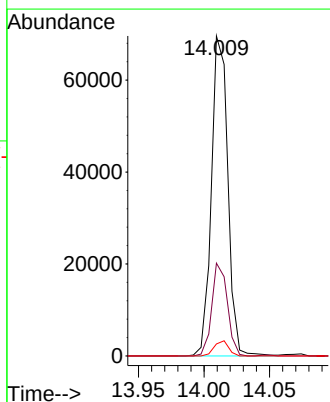
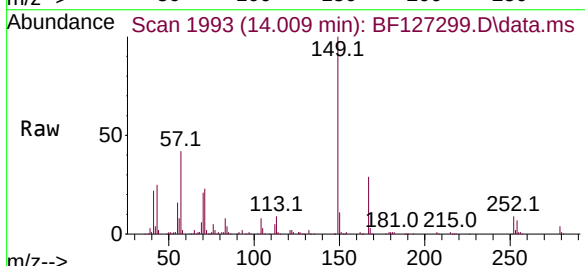
Tgt Ion:149 Resp: 60675

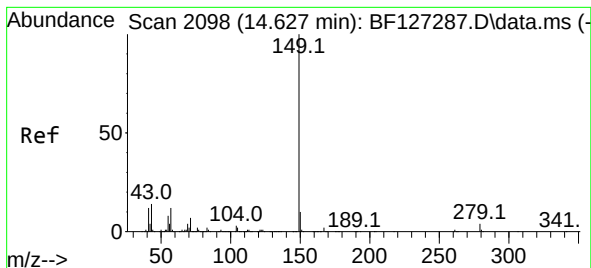
Ion Ratio Lower Upper

149 100

167 29.0 21.4 32.2

279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 4.708 ng

RT: 14.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

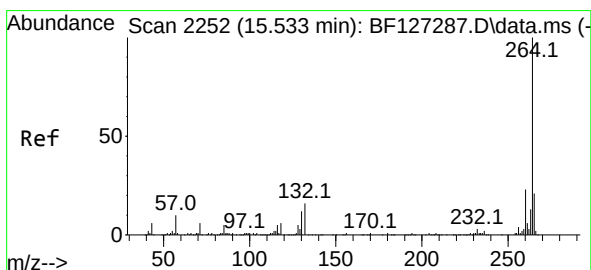
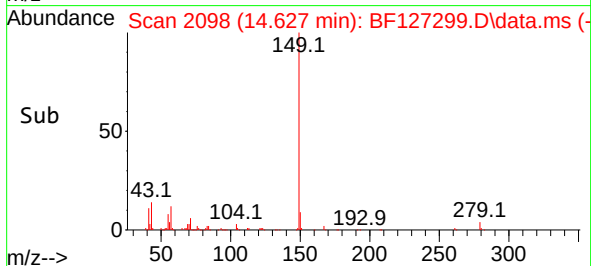
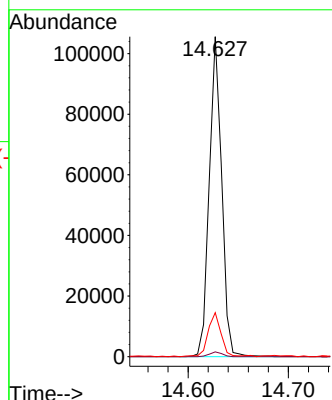
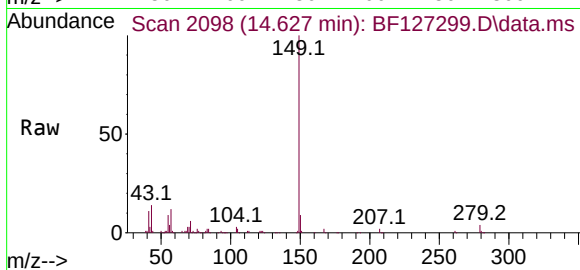
Tgt Ion:149 Resp: 91253

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 14.8 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

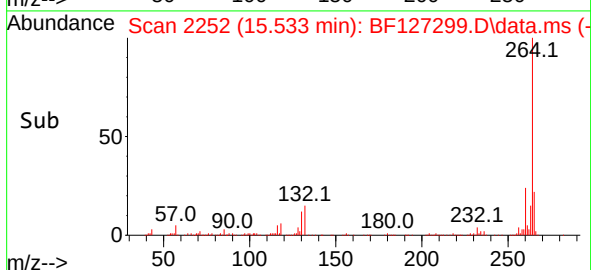
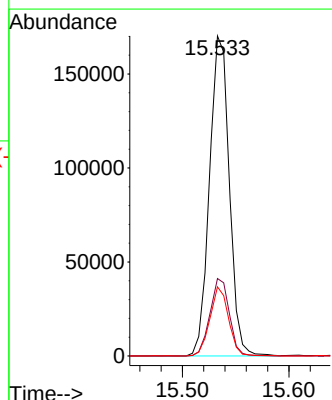
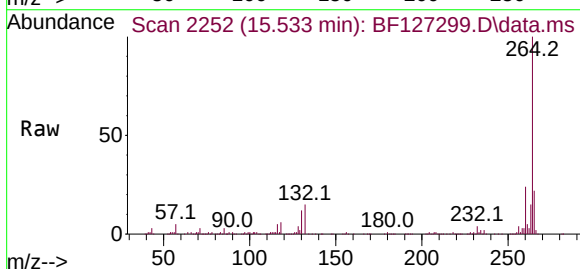
Tgt Ion:264 Resp: 219691

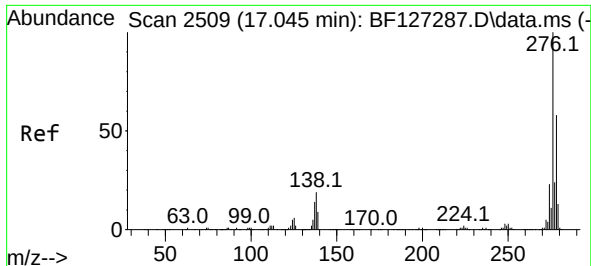
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.4 26.2

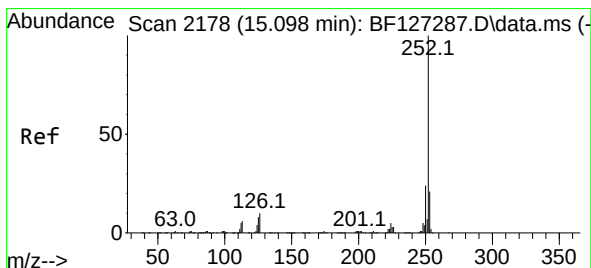
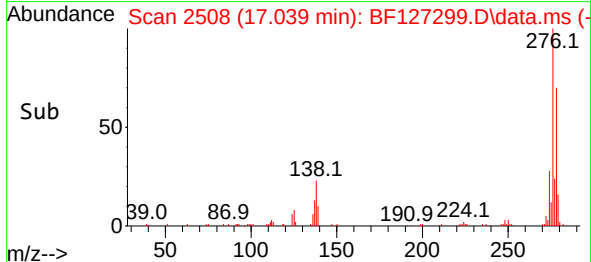
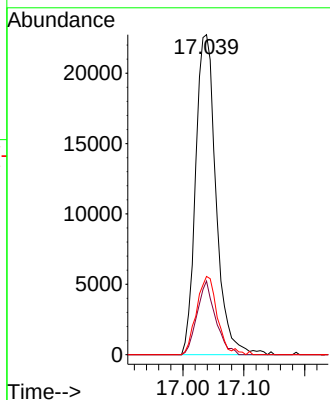
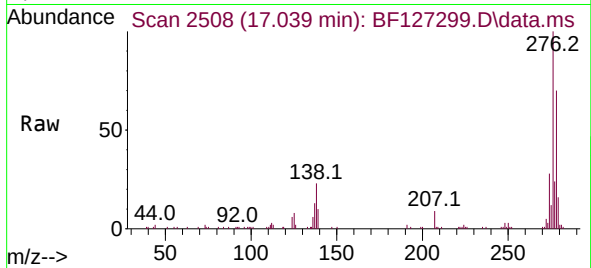




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.997 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

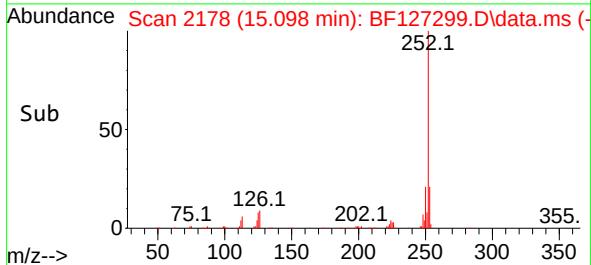
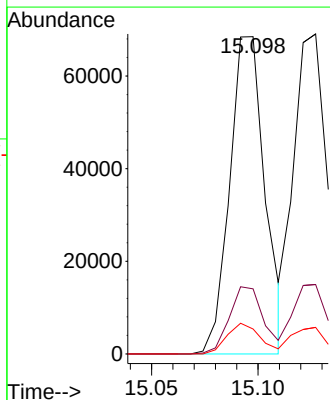
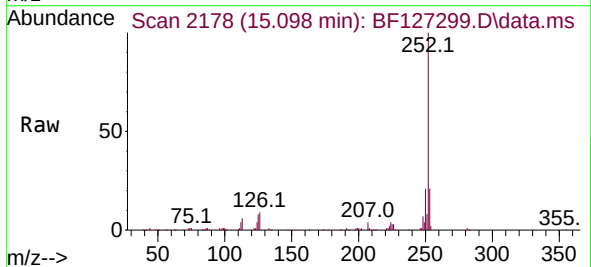
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

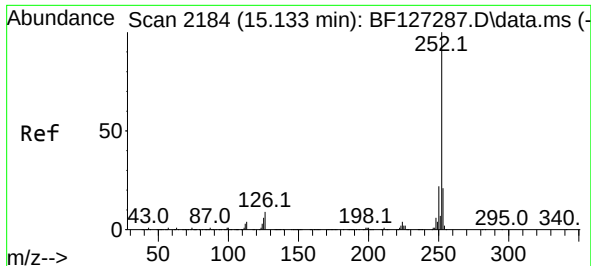
Tgt Ion:276 Resp: 52892
 Ion Ratio Lower Upper
 276 100
 138 20.7 29.2 43.8#
 277 24.8 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 5.494 ng
 RT: 15.098 min Scan# 2178
 Delta R.T. -0.000 min
 Lab File: BF127299.D
 Acq: 11 Mar 2022 13:02

Tgt Ion:252 Resp: 79226
 Ion Ratio Lower Upper
 252 100
 253 20.5 17.8 26.8
 125 7.9 12.4 18.6#

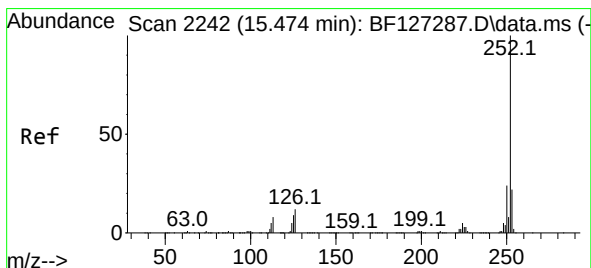
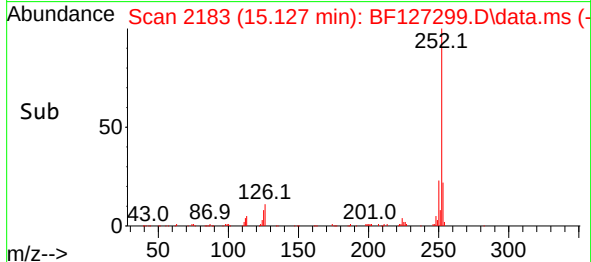
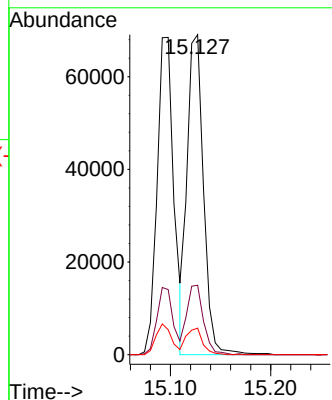
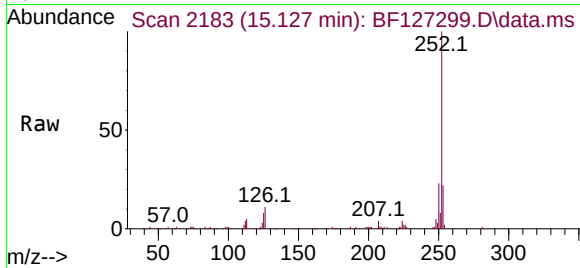




#89
Benzo(k)fluoranthene
Concen: 5.784 ng
RT: 15.127 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

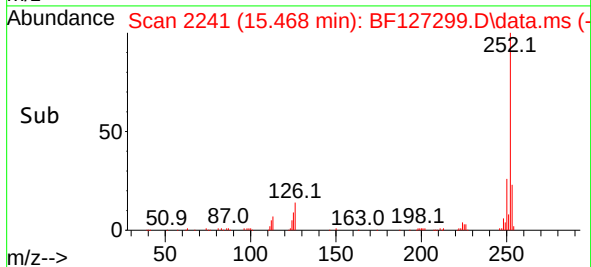
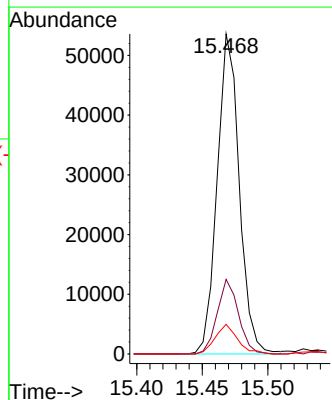
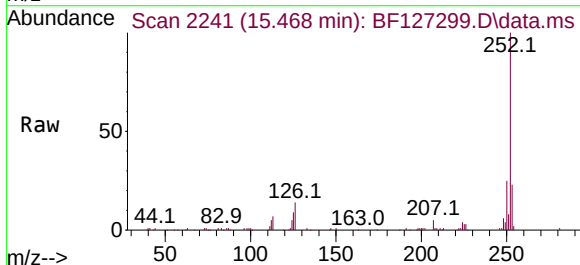
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2022

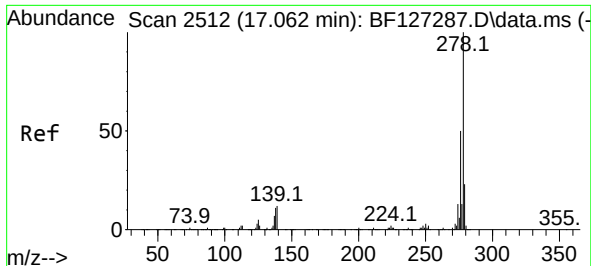
Tgt Ion:252 Resp: 78420
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 5.525 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF127299.D
Acq: 11 Mar 2022 13:02

Tgt Ion:252 Resp: 62742
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 9.2 13.0 19.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.173 ng

RT: 17.050 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2022

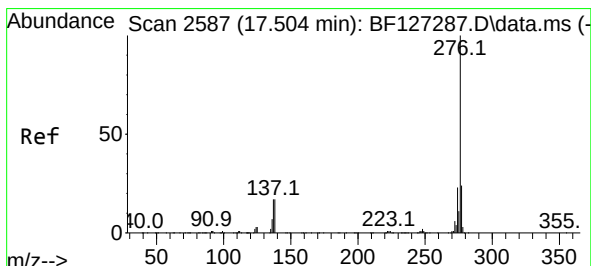
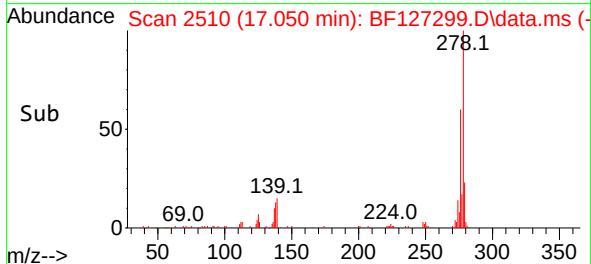
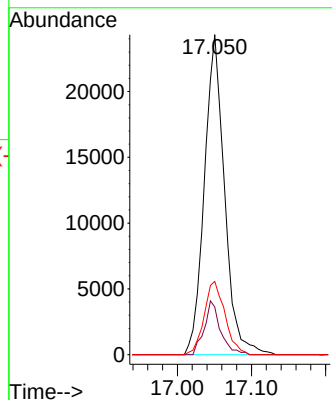
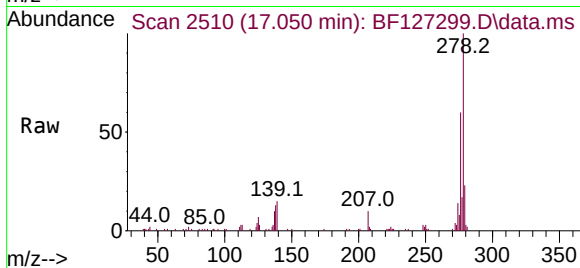
Tgt Ion:278 Resp: 45964

Ion Ratio Lower Upper

278 100

139 14.9 18.0 27.0#

279 22.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 4.023 ng

RT: 17.492 min Scan# 2585

Delta R.T. -0.012 min

Lab File: BF127299.D

Acq: 11 Mar 2022 13:02

Tgt Ion:276 Resp: 43220

Ion Ratio Lower Upper

276 100

277 29.6 18.5 27.7#

138 18.6 25.9 38.9#

