

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122295.D
 Acq On : 10 Nov 2020 13:20
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Quant Time: Nov 10 13:51:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	276081	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1073869	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	563072	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1013244	20.00	ng	0.00
76) Chrysene-d12	14.027	240	938711	20.00	ng	0.00
86) Perylene-d12	15.492	264	916292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1617608	89.97	ng	0.00
7) Phenol-d6	6.487	99	2066358	87.85	ng	0.00
23) Nitrobenzene-d5	7.428	82	1459453	83.20	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	551538	91.26	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2555737	70.92	ng	0.00
79) Terphenyl-d14	12.980	244	2819294	63.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	67751	8.22	ng	92
3) Pyridine	3.404	79	182496	8.05	ng	95
4) n-Nitrosodimethylamine	3.322	42	86247	8.07	ng	97
6) Aniline	6.522	93	253796	8.22	ng	98
8) 2-Chlorophenol	6.645	128	160218	8.59	ng	96
9) Benzaldehyde	6.410	77	138849	10.47	ng	98
10) Phenol	6.498	94	191779	8.28	ng	# 75
11) bis(2-Chloroethyl)ether	6.598	93	155110	8.42	ng	95
12) 1,3-Dichlorobenzene	6.804	146	179708	8.49	ng	100
13) 1,4-Dichlorobenzene	6.881	146	183090	8.61	ng	99
14) 1,2-Dichlorobenzene	7.034	146	172014	8.67	ng	99
15) Benzyl Alcohol	6.998	79	127422	7.62	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	222742	8.30	ng	99
17) 2-Methylphenol	7.104	107	128508	8.26	ng	98
18) Hexachloroethane	7.381	117	62890	8.49	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	114754	8.16	ng	99
20) 3+4-Methylphenols	7.257	107	165700	8.65	ng	# 66
22) Acetophenone	7.269	105	233146	8.34	ng	# 87
24) Nitrobenzene	7.445	77	174140	8.68	ng	94
25) Isophorone	7.681	82	300003	7.67	ng	98
26) 2-Nitrophenol	7.763	139	54537	8.05	ng	96
27) 2,4-Dimethylphenol	7.792	122	152876	8.29	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	187385	7.83	ng	98
29) 2,4-Dichlorophenol	7.998	162	124164	7.60	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	142650	7.91	ng	97
31) Naphthalene	8.169	128	471529	8.26	ng	99
32) Benzoic acid	7.845	122	38366	4.61	ng	91
33) 4-Chloroaniline	8.210	127	195341	7.86	ng	99
34) Hexachlorobutadiene	8.292	225	82307	7.95	ng	99
35) Caprolactam	8.545	113	38889	7.51	ng	# 83
36) 4-Chloro-3-methylphenol	8.686	107	127756	7.50	ng	93
37) 2-Methylnaphthalene	8.863	142	308285	8.17	ng	99
38) 1-Methylnaphthalene	8.963	142	285735	8.09	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	141243	8.14	ng	99
41) Hexachlorocyclopentadiene	9.022	237	75357	7.43	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	86903	7.71	ng	99

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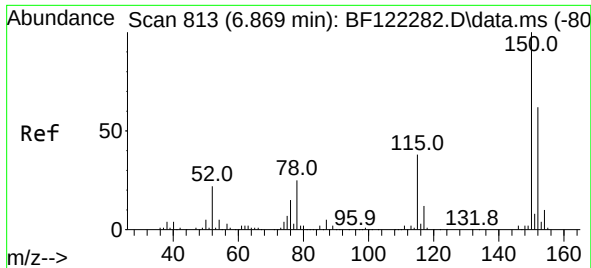
Quant Time: Nov 10 13:51:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	88607	7.50	ng	97
46) 1,1'-Biphenyl	9.327	154	374037	8.35	ng	98
47) 2-Chloronaphthalene	9.351	162	290816	8.18	ng	96
48) 2-Nitroaniline	9.439	65	71280	8.16	ng	92
49) Acenaphthylene	9.763	152	444532	8.13	ng	100
50) Dimethylphthalate	9.622	163	320510	8.01	ng	98
51) 2,6-Dinitrotoluene	9.680	165	64028	8.27	ng	# 88
52) Acenaphthene	9.939	154	274831	8.12	ng	100
53) 3-Nitroaniline	9.845	138	72157	8.07	ng	94
54) 2,4-Dinitrophenol	9.945	184	11192	4.73	ng	# 1
55) Dibenzofuran	10.110	168	407994	8.23	ng	97
56) 4-Nitrophenol	9.986	139	54315	7.11	ng	87
57) 2,4-Dinitrotoluene	10.080	165	73459	7.85	ng	# 89
58) Fluorene	10.451	166	324563	8.55	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	76927	7.83	ng	98
60) Diethylphthalate	10.322	149	316160	8.05	ng	97
61) 4-Chlorophenyl-phenyle...	10.445	204	149540	8.34	ng	98
62) 4-Nitroaniline	10.451	138	70827	8.05	ng	94
63) Azobenzene	10.604	77	329682	8.00	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	21074	5.47	ng	94
66) n-Nitrosodiphenylamine	10.557	169	279530	8.10	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	94052	7.90	ng	97
68) Hexachlorobenzene	10.998	284	102445	7.96	ng	98
69) Atrazine	11.080	200	76005	8.84	ng	98
70) Pentachlorophenol	11.186	266	49577	6.69	ng	98
71) Phenanthrene	11.410	178	482260	8.39	ng	99
72) Anthracene	11.463	178	485566	8.20	ng	99
73) Carbazole	11.610	167	442261	8.21	ng	99
74) Di-n-butylphthalate	11.951	149	456193	7.94	ng	100
75) Fluoranthene	12.598	202	503745	8.39	ng	97
77) Benzidine	12.716	184	241732	9.28	ng	# 96
78) Pyrene	12.827	202	515646	7.82	ng	99
80) Butylbenzylphthalate	13.451	149	172634	7.28	ng	95
81) Benzo(a)anthracene	14.015	228	481580	8.25	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	169195	7.78	ng	99
83) Chrysene	14.051	228	476284	8.10	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	248737	7.82	ng	98
85) Di-n-octyl phthalate	14.627	149	384979	7.14	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	424475	7.72	ng	99
88) Benzo(b)fluoranthene	15.062	252	445010	7.50	ng	98
89) Benzo(k)fluoranthene	15.092	252	456303	7.89	ng	98
90) Benzo(a)pyrene	15.427	252	394793	7.63	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	359096	7.80	ng	99
92) Benzo(g,h,i)perylene	17.380	276	344007	7.68	ng	98

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

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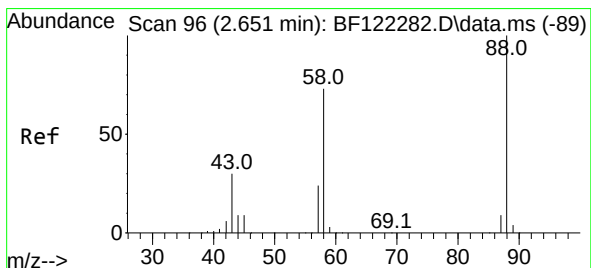
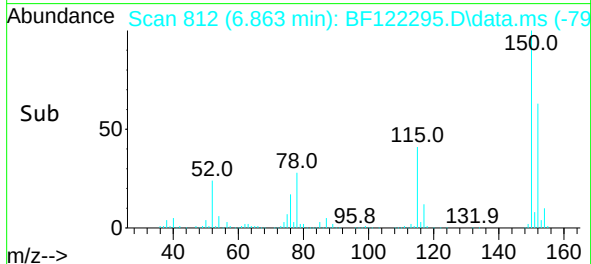
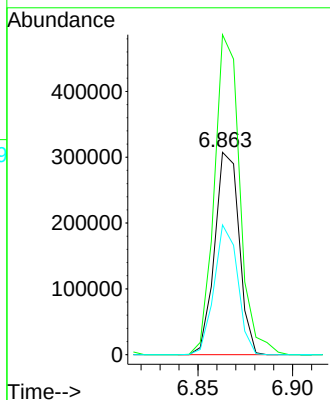
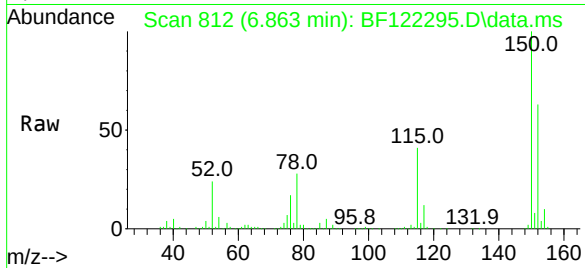




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

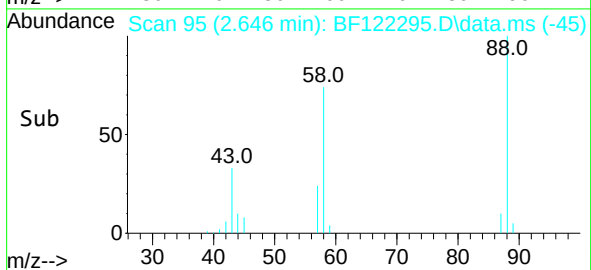
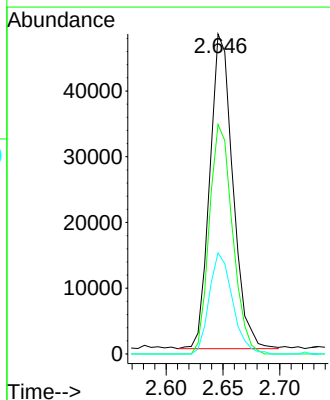
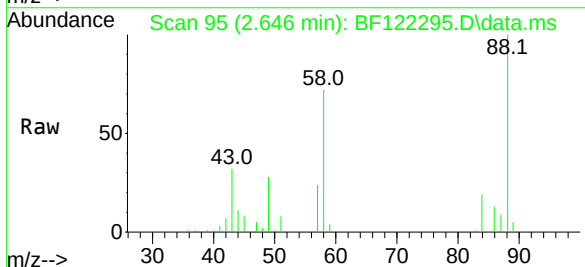
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 LOQ-SOIL-02-QT4-2020

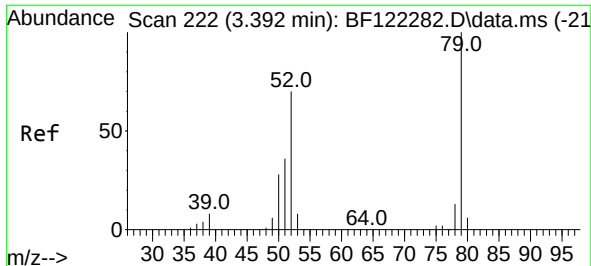
Tgt Ion:152 Resp: 276081
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 64.2 51.9 77.9



#2
 1,4-Dioxane
 Concen: 8.22 ng
 RT: 2.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

Tgt Ion: 88 Resp: 67751
 Ion Ratio Lower Upper
 88 100
 58 73.0 65.8 98.8
 43 32.2 25.8 38.8

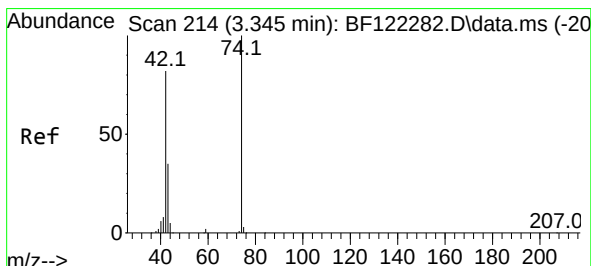
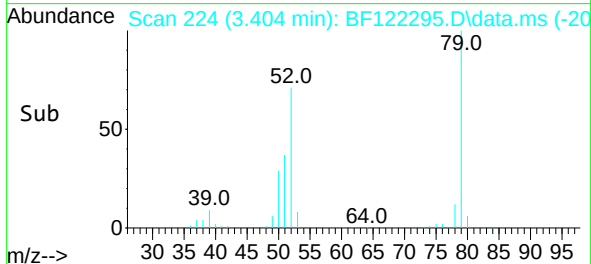
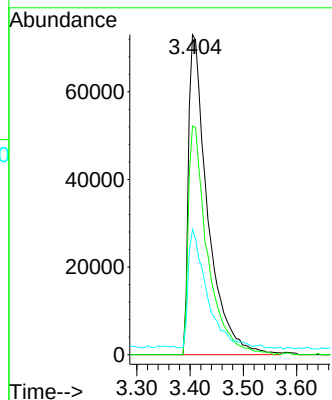
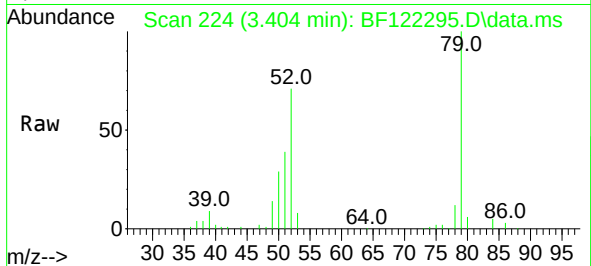




#3
Pyridine
Concen: 8.05 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

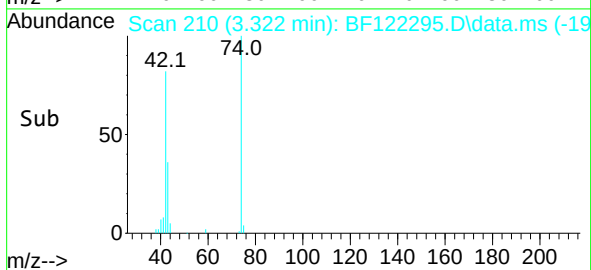
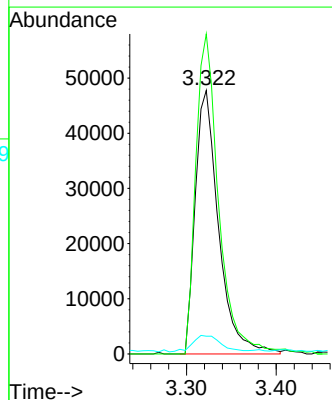
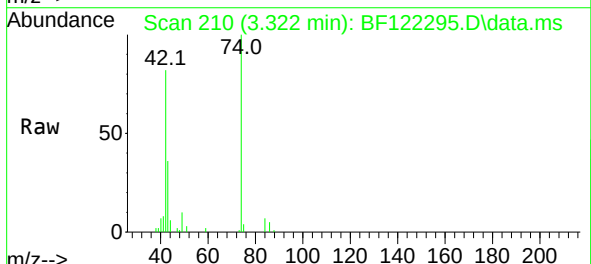
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ClientSampleId :
LOQ-SOIL-02-QT4-2020

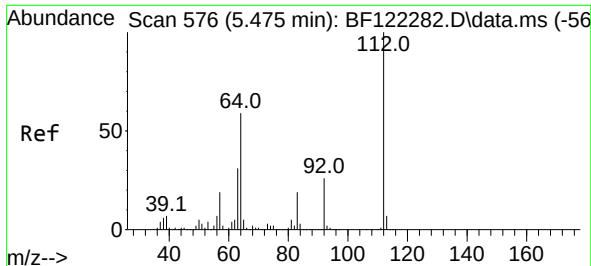
Tgt Ion: 79 Resp: 182496
Ion Ratio Lower Upper
79 100
52 71.4 62.2 93.4
51 39.2 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 8.07 ng
RT: 3.322 min Scan# 210
Delta R.T. -0.023 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion: 42 Resp: 86247
Ion Ratio Lower Upper
42 100
74 121.4 100.2 150.2
44 6.8 5.8 8.6

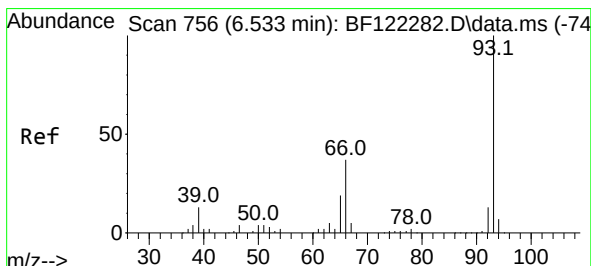
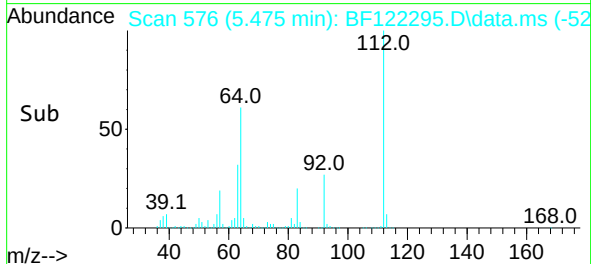
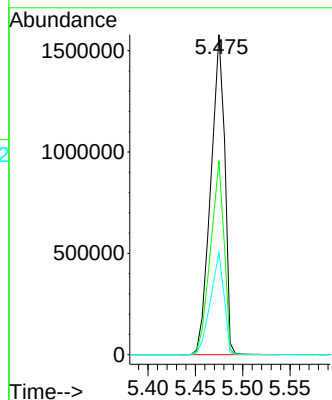
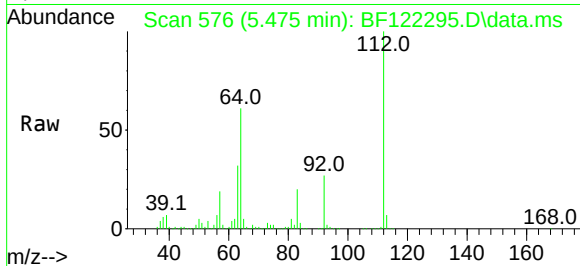




#5
2-Fluorophenol
Concen: 89.97 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

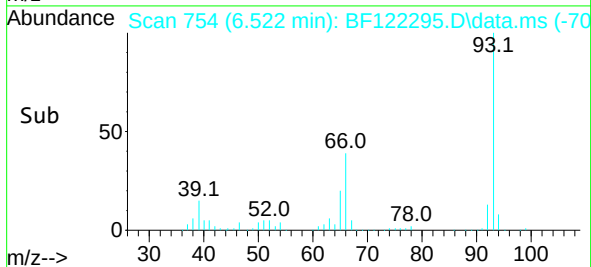
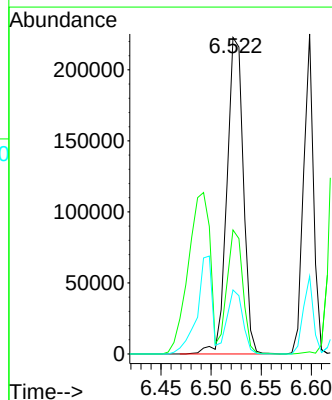
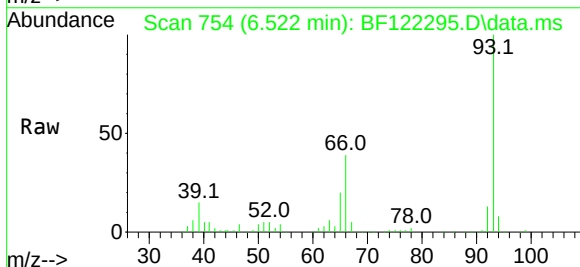
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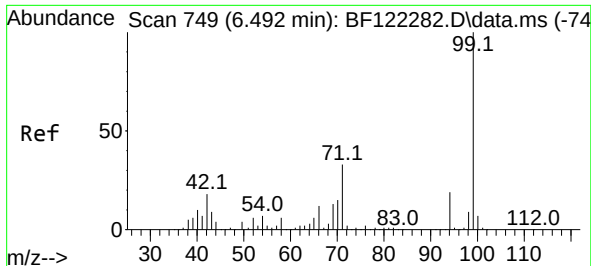
Tgt Ion:112 Resp: 1617608
Ion Ratio Lower Upper
112 100
64 60.6 50.4 75.6
63 31.9 25.8 38.6



#6
Aniline
Concen: 8.22 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion: 93 Resp: 253796
Ion Ratio Lower Upper
93 100
66 39.2 32.7 49.1
65 20.2 16.6 24.8

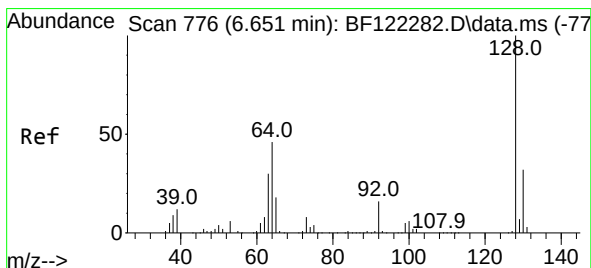
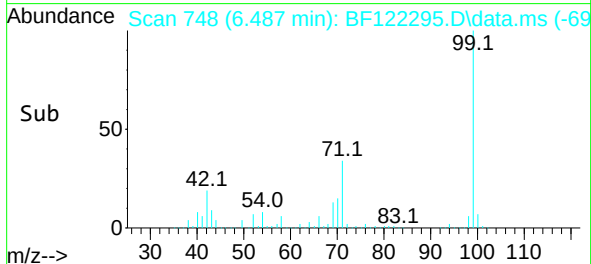
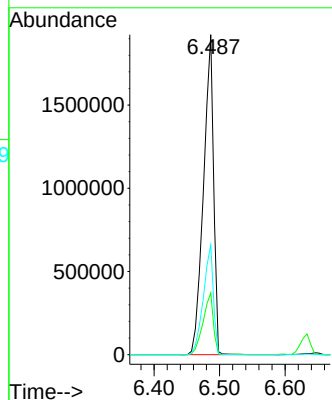
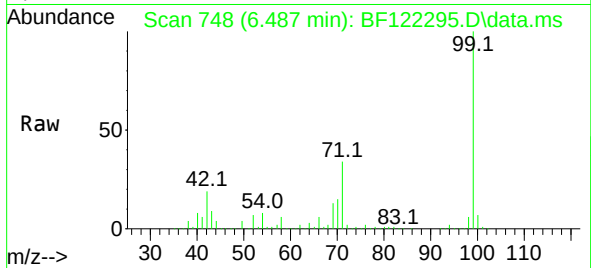




#7
Phenol-d6
Concen: 87.85 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

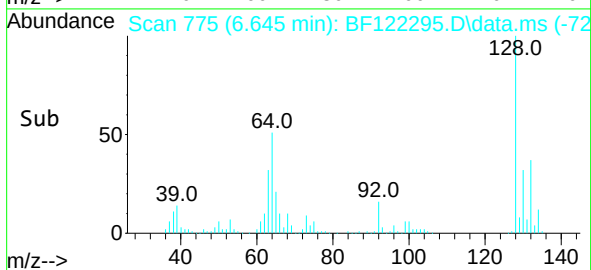
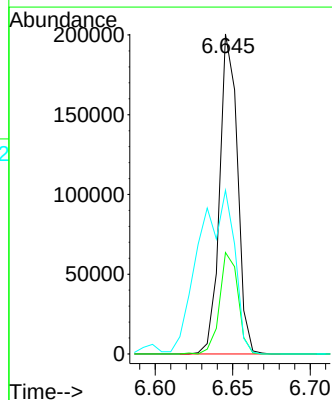
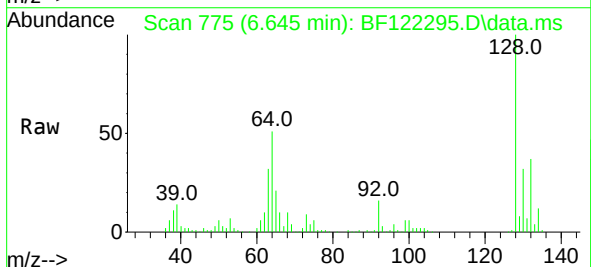
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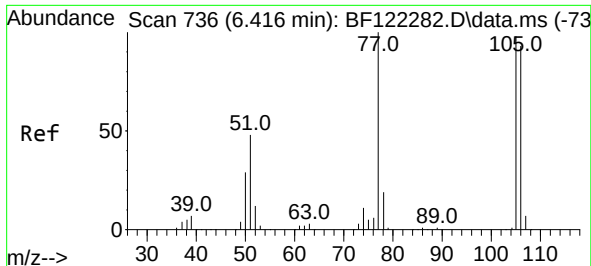
Tgt Ion: 99 Resp: 2066358
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.3 27.1 40.7



#8
2-Chlorophenol
Concen: 8.59 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF122295.D
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Tgt Ion: 128 Resp: 160218
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 51.1 34.8 74.8

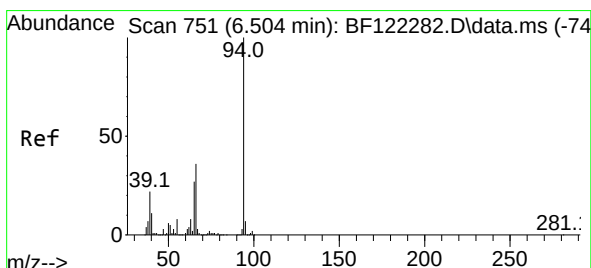
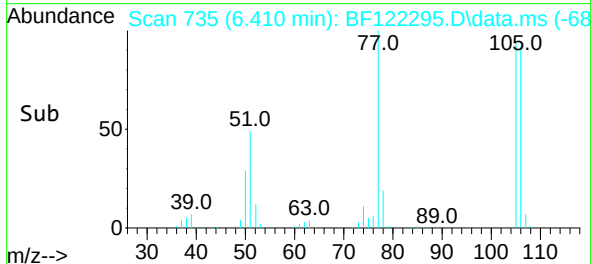
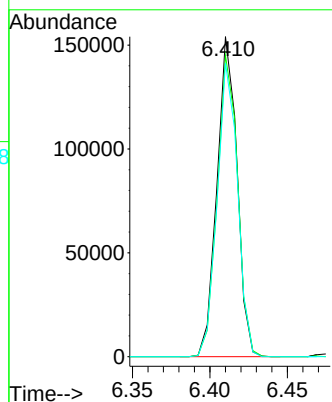
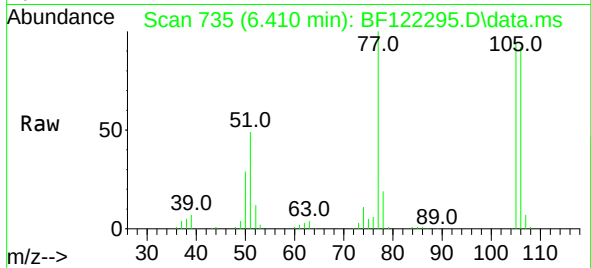




#9
Benzaldehyde
Concen: 10.47 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

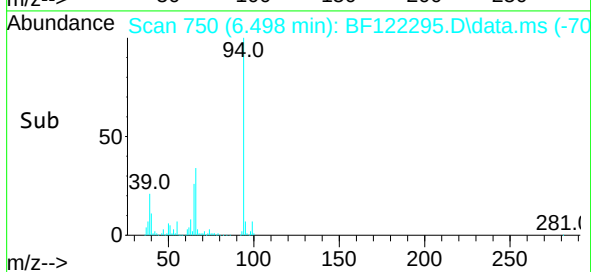
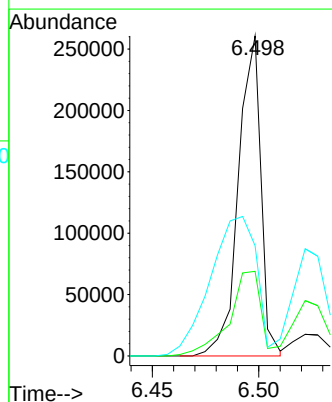
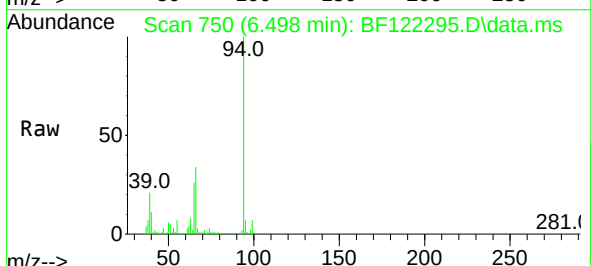
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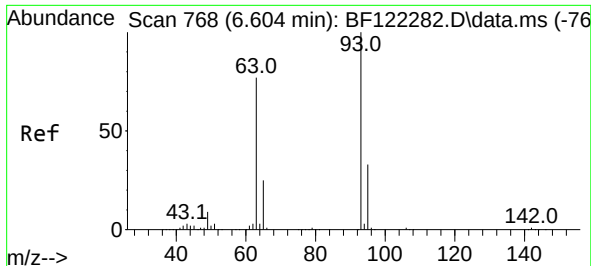
Tgt Ion: 77 Resp: 138849
Ion Ratio Lower Upper
77 100
105 94.1 76.7 116.7
106 91.7 71.3 111.3



#10
Phenol
Concen: 8.28 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122295.D
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Tgt Ion: 94 Resp: 191779
Ion Ratio Lower Upper
94 100
65 26.4 17.1 57.1
66 34.5 36.0 76.0#

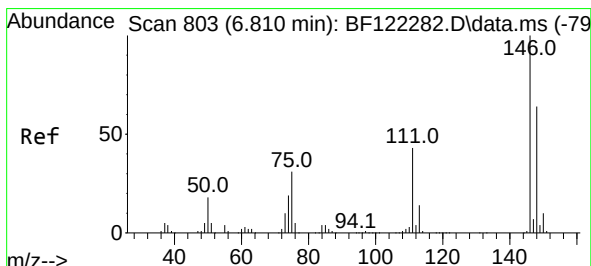
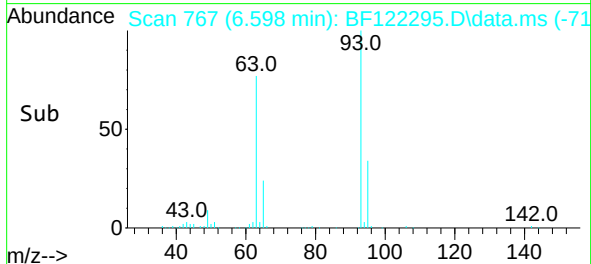
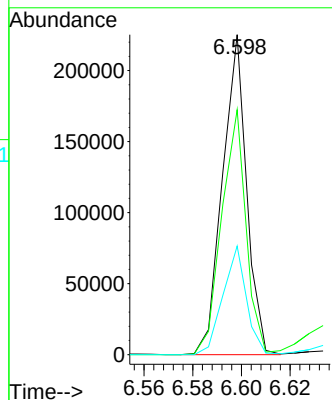
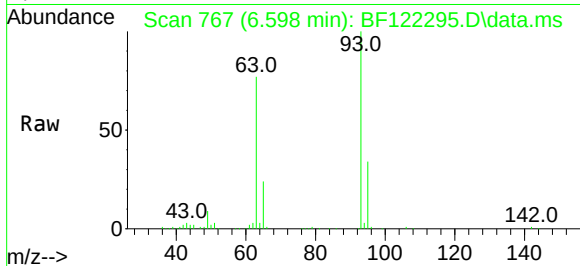




#11
bis(2-Chloroethyl)ether
Concen: 8.42 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

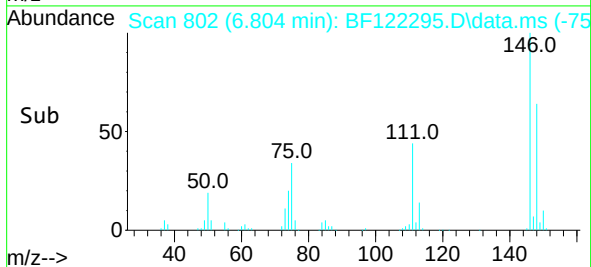
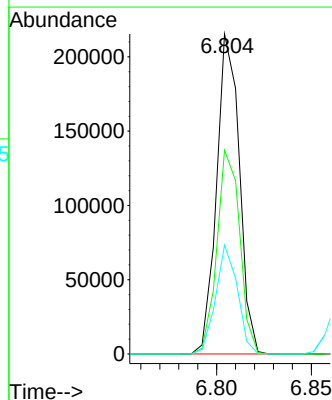
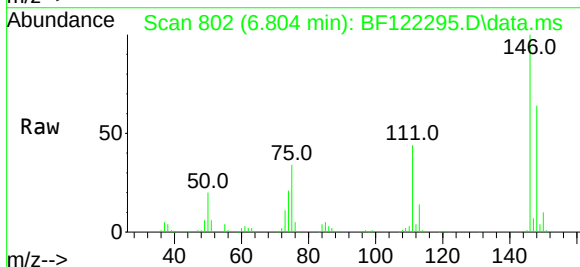
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

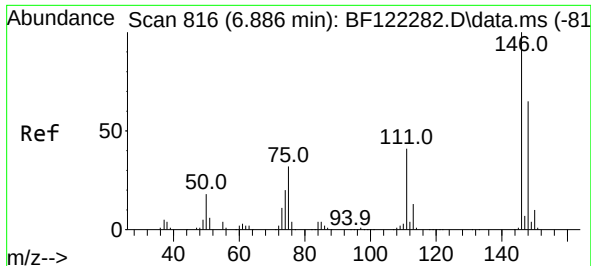
Tgt Ion: 93 Resp: 155110
Ion Ratio Lower Upper
93 100
63 76.5 62.4 102.4
95 34.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 8.49 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:146 Resp: 179708
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 34.1 27.6 41.4

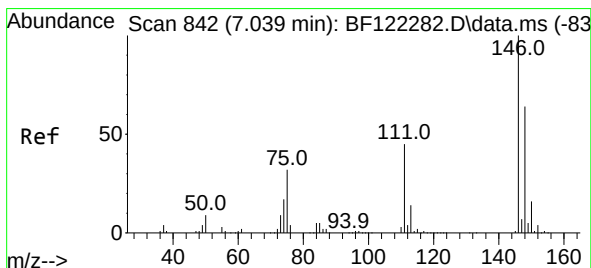
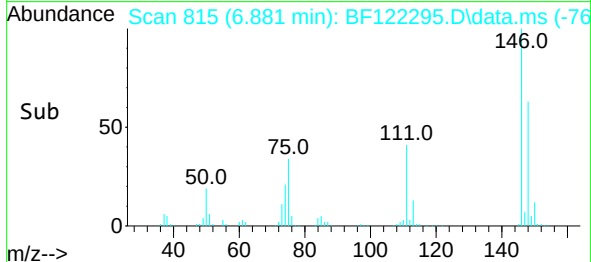
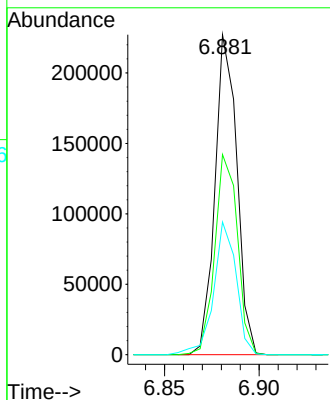
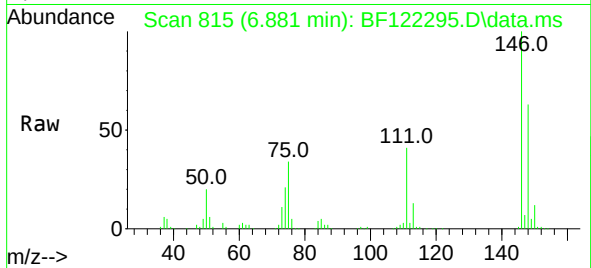




#13
1,4-Dichlorobenzene
Concen: 8.61 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

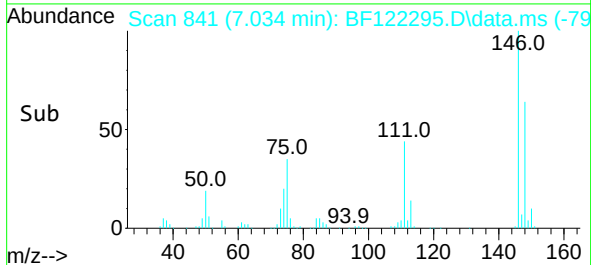
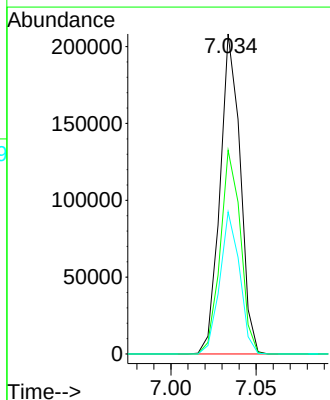
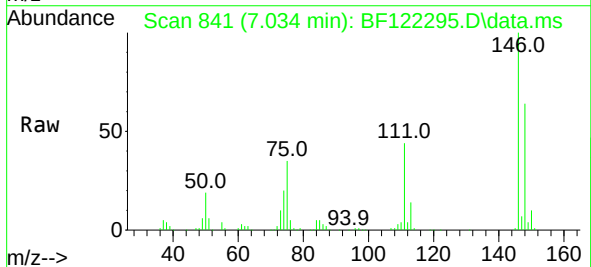
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

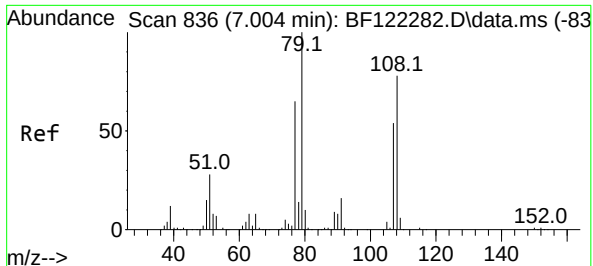
Tgt Ion:146 Resp: 183090
Ion Ratio Lower Upper
146 100
148 62.6 50.1 75.1
111 41.4 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 8.67 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:146 Resp: 172014
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 44.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 7.62 ng

RT: 6.998 min Scan# 835

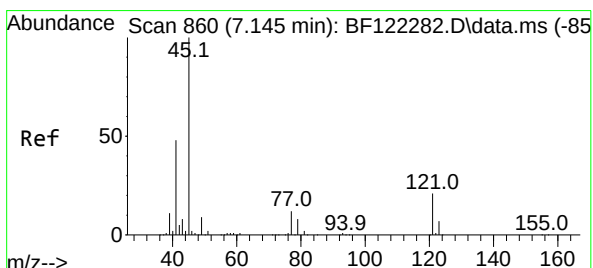
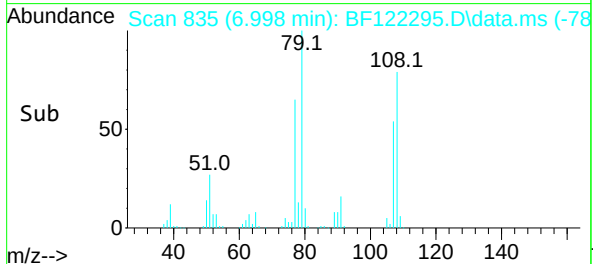
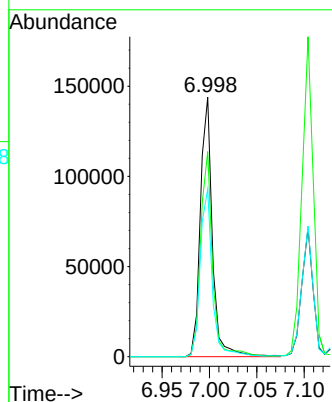
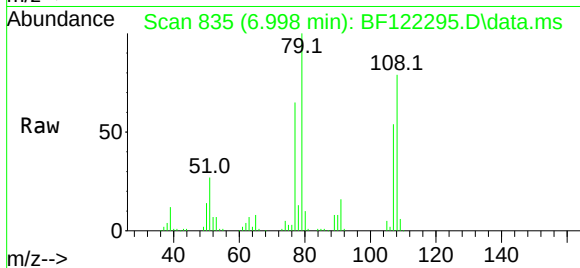
Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion: 79 Resp: 127422

Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.3	93.5
77	64.6	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.30 ng

RT: 7.139 min Scan# 859

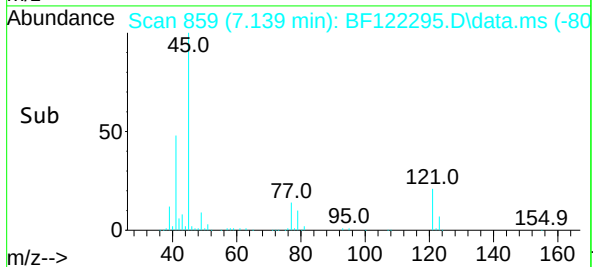
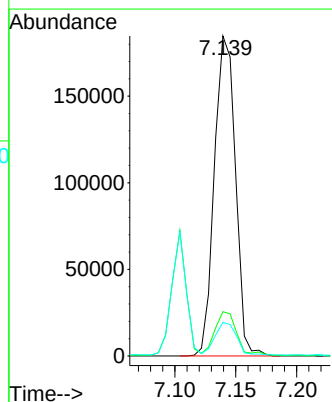
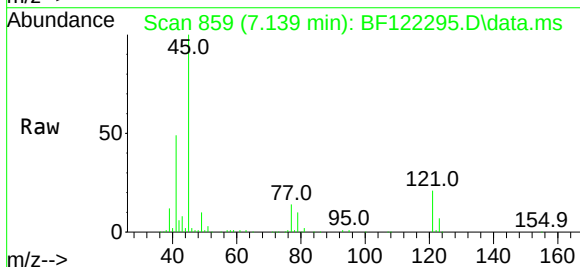
Delta R.T. -0.006 min

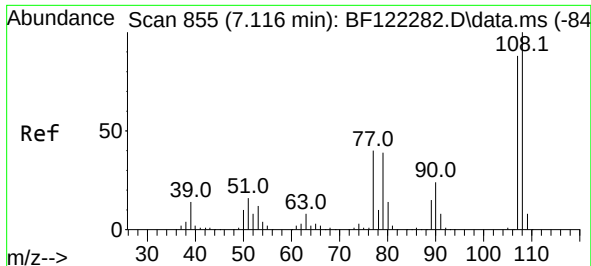
Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion: 45 Resp: 222742

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.3
79	10.5	0.0	30.4

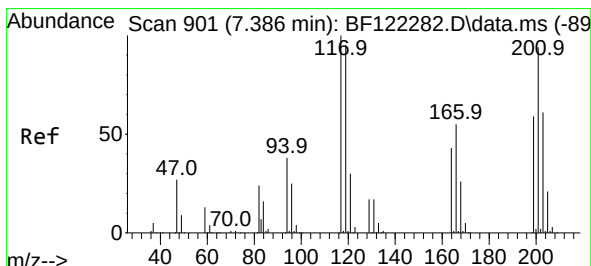
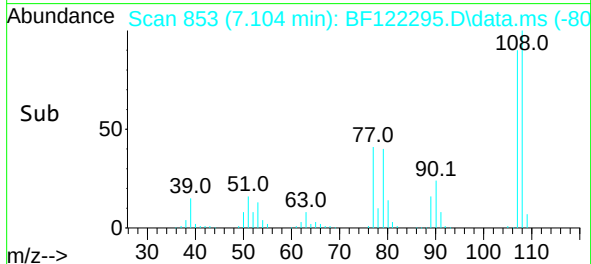
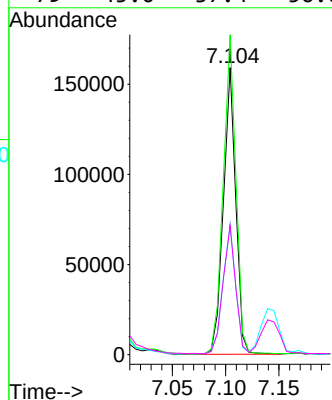
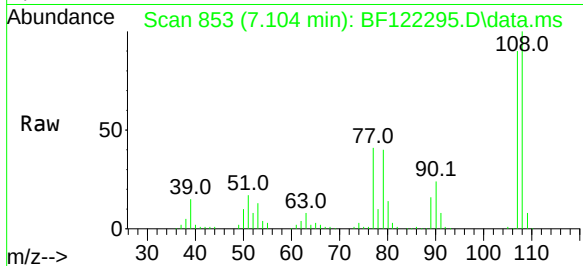




#17
2-Methylphenol
Concen: 8.26 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

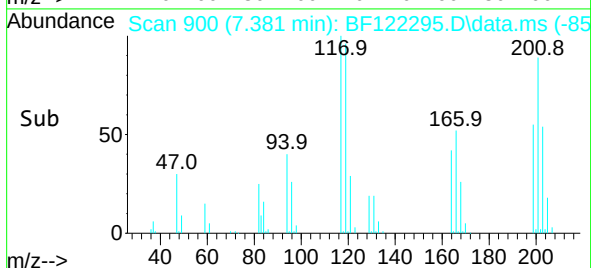
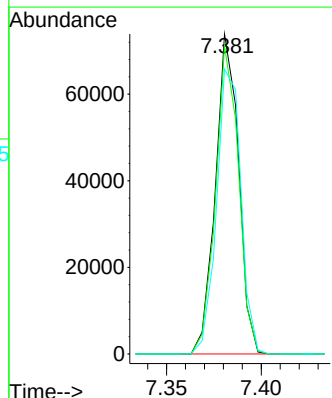
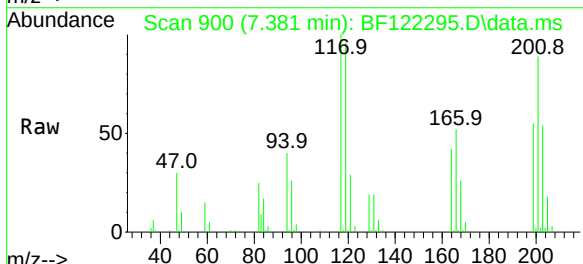
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

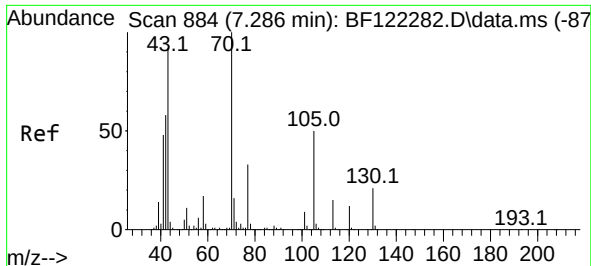
Tgt Ion:	107	Resp:	128508
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.9	136.3
77	45.5	37.5	56.3
79	45.0	37.4	56.0



#18
Hexachloroethane
Concen: 8.49 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

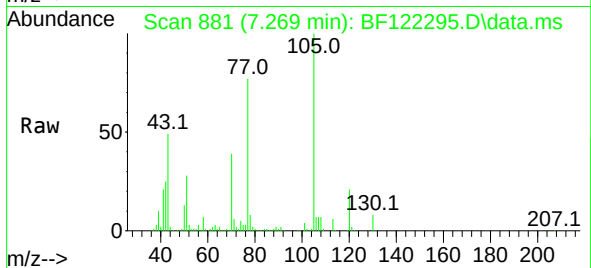
Tgt Ion:	117	Resp:	62890
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
201	89.0	71.8	107.6



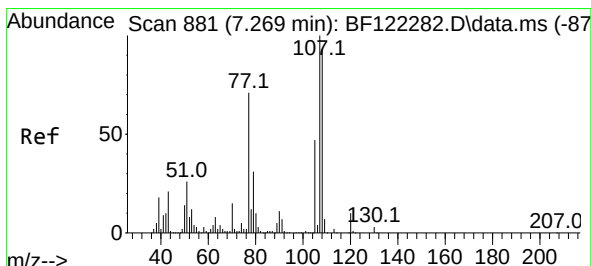
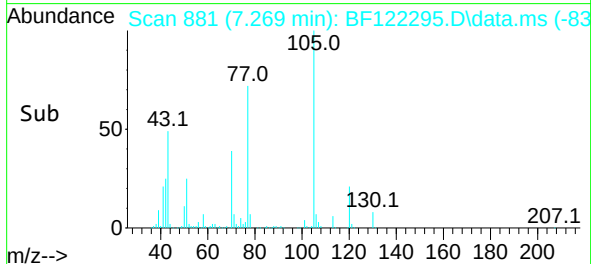
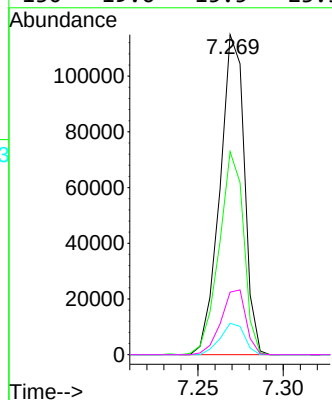


#19
n-Nitroso-di-n-propylamine
Concen: 8.16 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

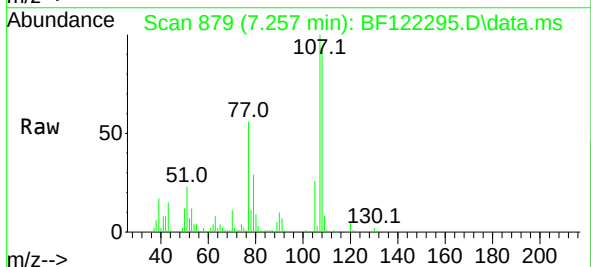
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



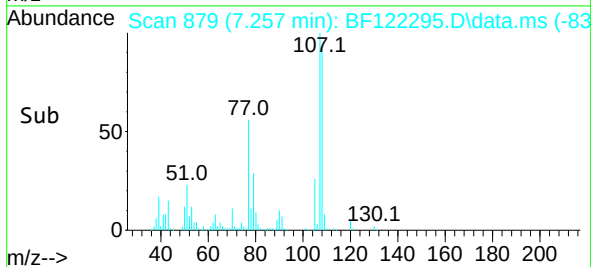
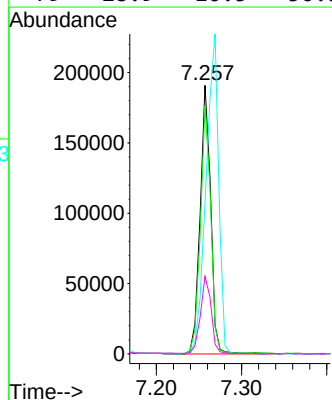
Tgt Ion:	70	Resp:	114754
Ion	Ratio	Lower	Upper
70	100		
42	63.4	50.2	75.4
101	9.8	7.5	11.3
130	19.6	15.5	23.3

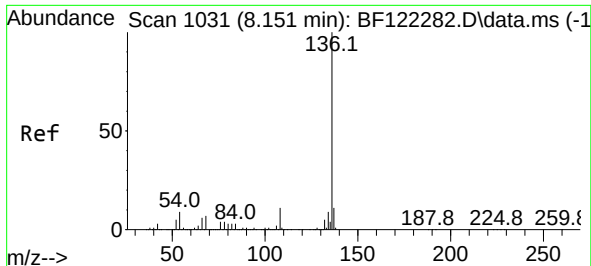


#20
3+4-Methylphenols
Concen: 8.65 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20



Tgt Ion:	107	Resp:	165700
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.9	108.9
77	56.1	108.0	148.0#
79	28.9	10.5	50.5



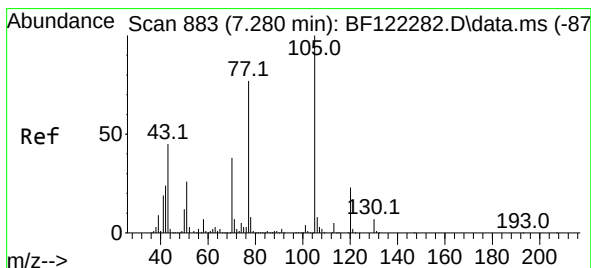
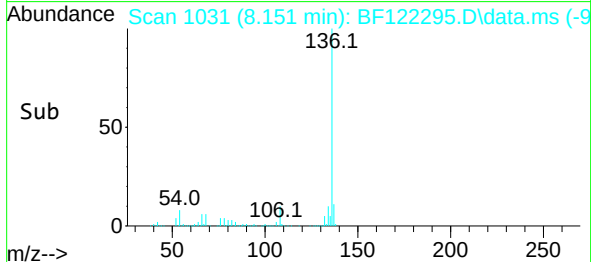
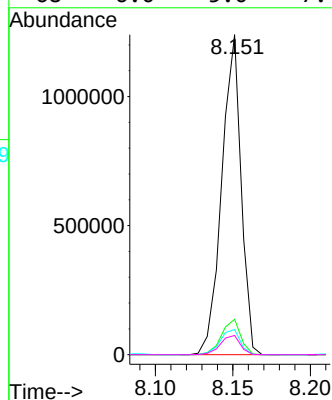
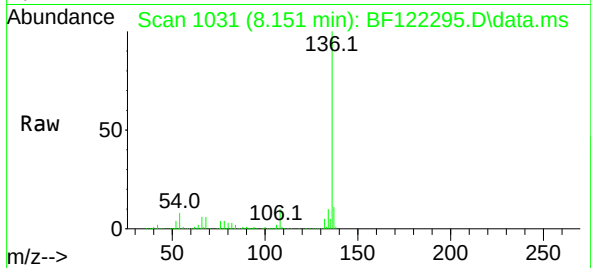


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:136 Resp: 1073869

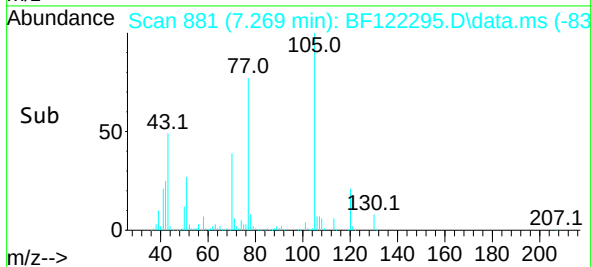
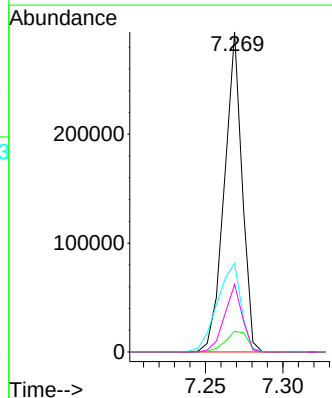
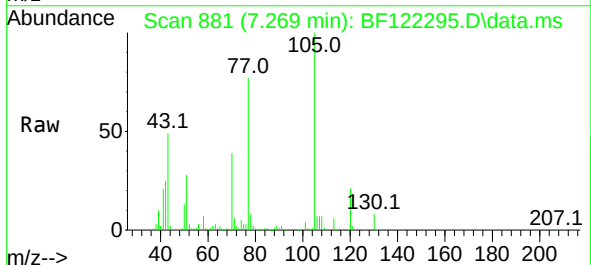
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	7.1	10.7
68	6.0	5.0	7.4

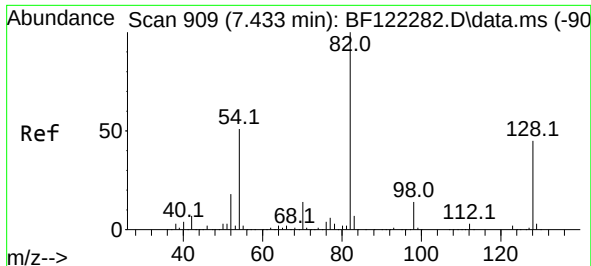


#22
Acetophenone
Concen: 8.34 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:105 Resp: 233146

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.3	7.9
51	27.8	33.2	49.8#
120	21.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 83.20 ng

RT: 7.428 min Scan# 908

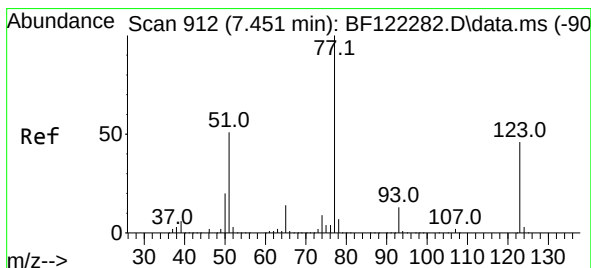
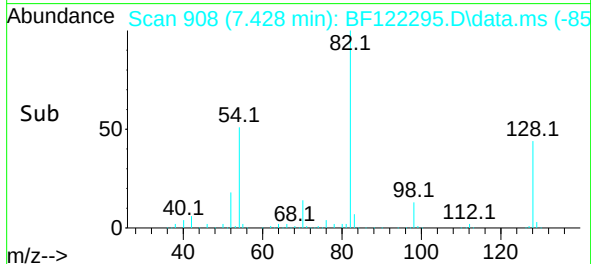
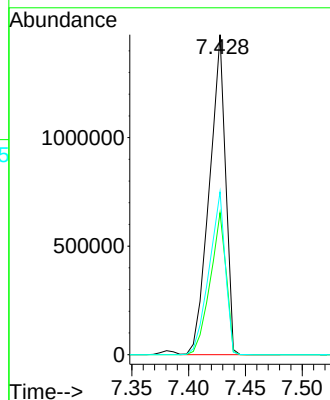
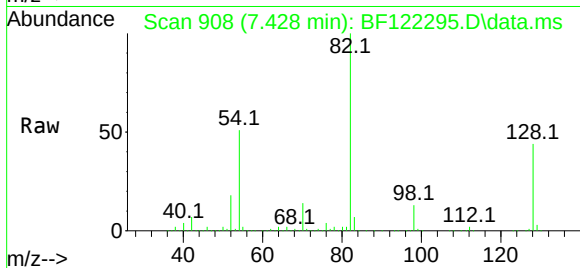
Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion: 82 Resp: 1459453

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.4
54	50.9	43.9	65.9



#24

Nitrobenzene

Concen: 8.68 ng

RT: 7.445 min Scan# 911

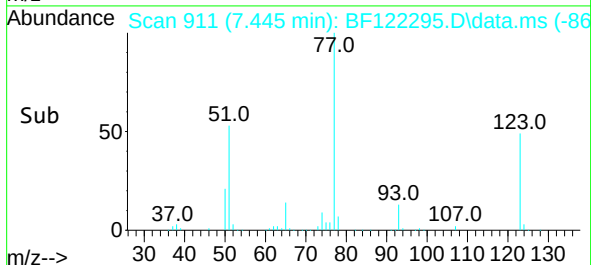
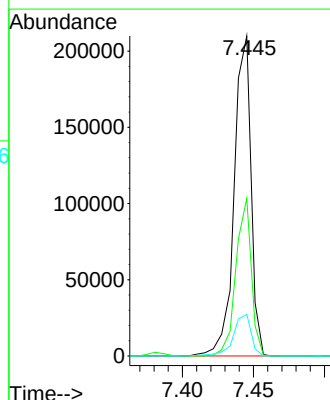
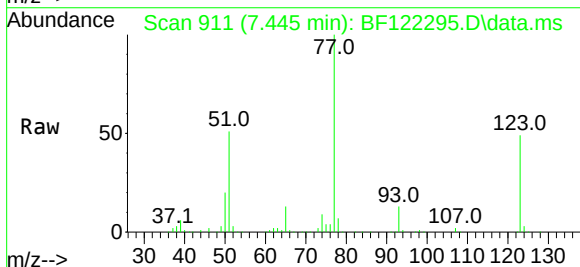
Delta R.T. -0.006 min

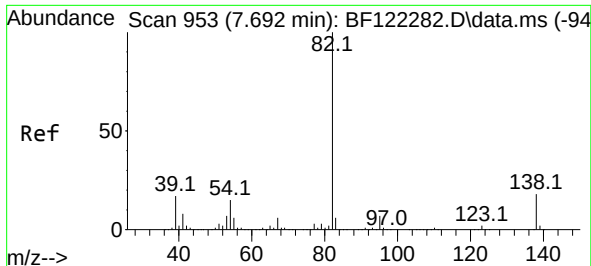
Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion: 77 Resp: 174140

Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.6	53.4
65	13.0	11.2	16.8

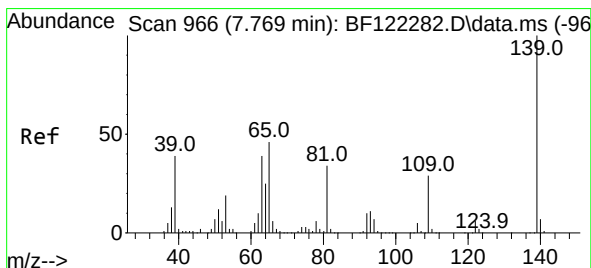
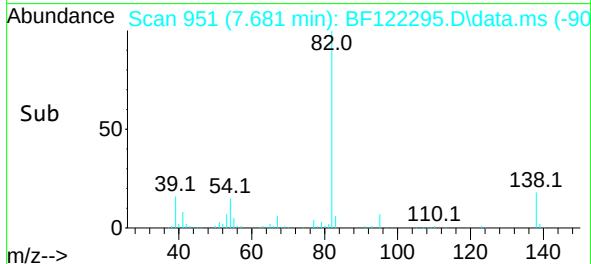
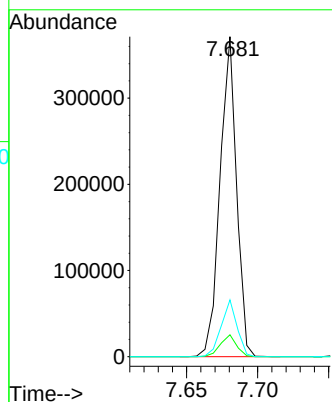
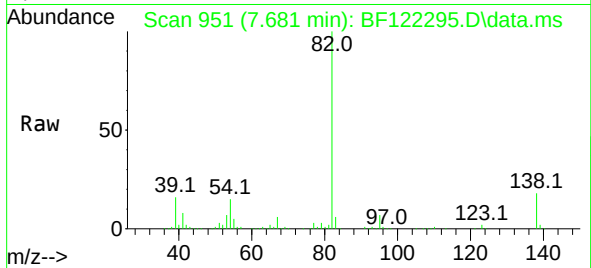




#25
Isophorone
Concen: 7.67 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

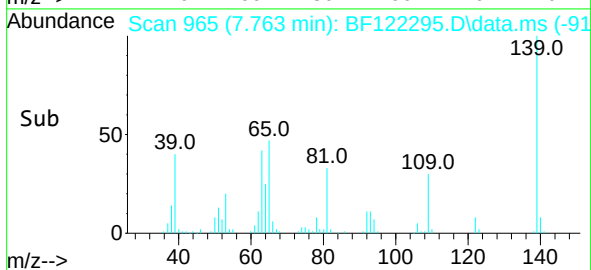
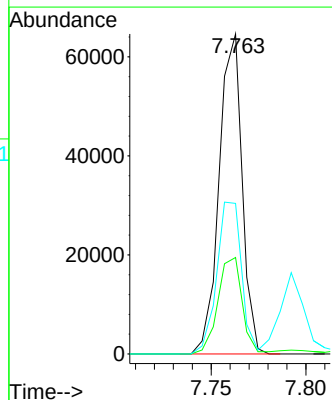
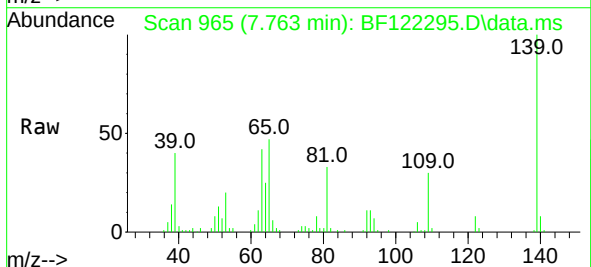
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

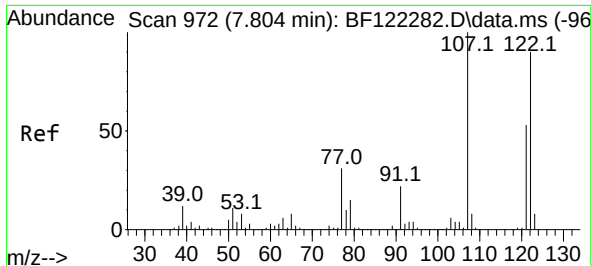
Tgt Ion: 82 Resp: 300003
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.7 13.4 20.0



#26
2-Nitrophenol
Concen: 8.05 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion: 139 Resp: 54537
Ion Ratio Lower Upper
139 100
109 30.1 23.0 34.4
65 47.1 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 8.29 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

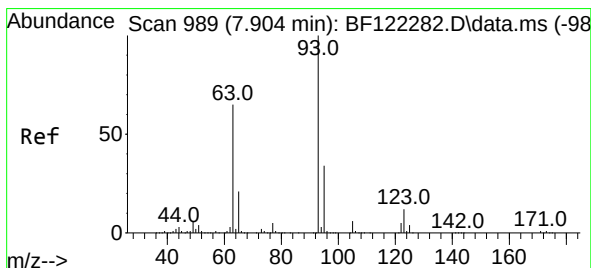
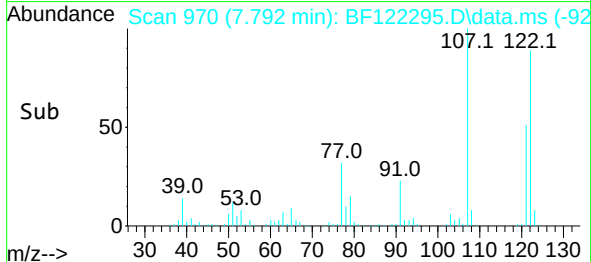
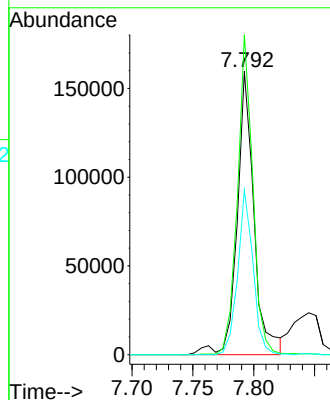
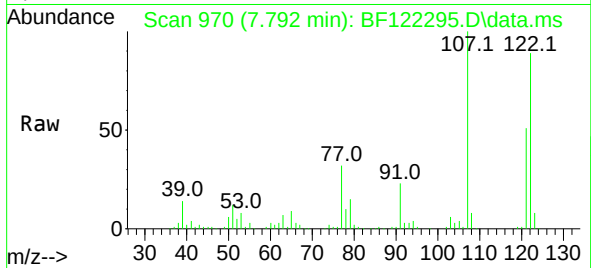
Tgt Ion:122 Resp: 152876

Ion Ratio Lower Upper

122 100

107 113.0 90.8 136.2

121 58.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 7.83 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

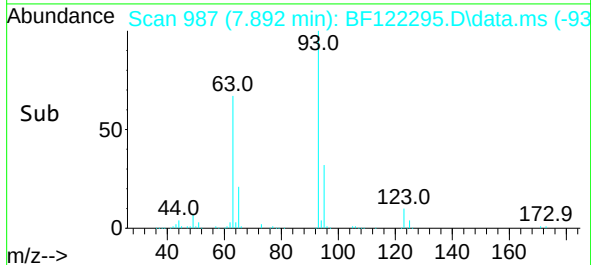
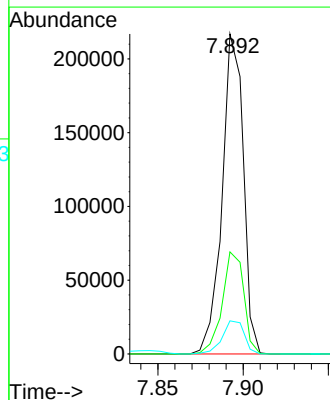
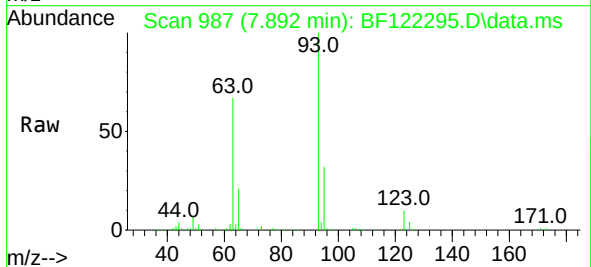
Tgt Ion: 93 Resp: 187385

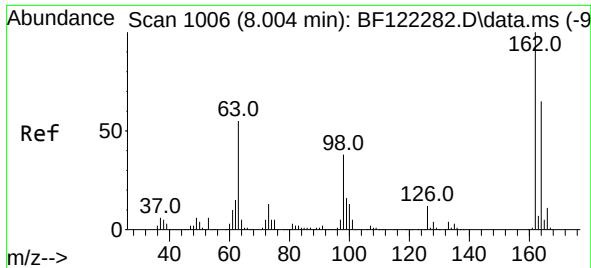
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.4

123 10.4 8.8 13.2

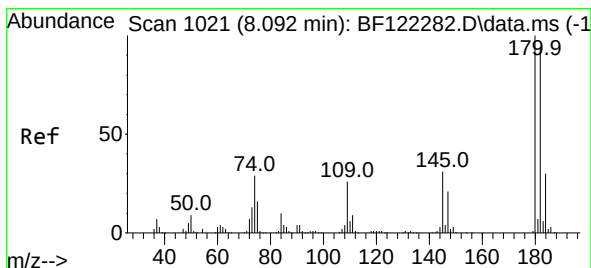
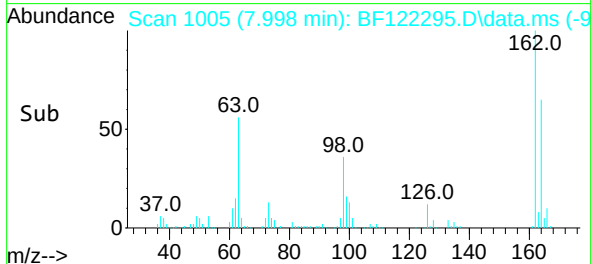
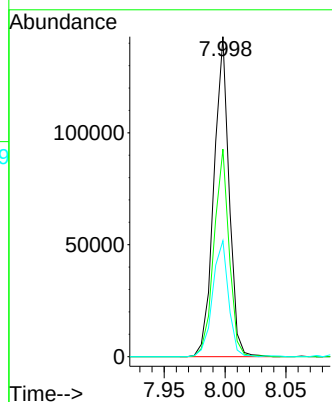
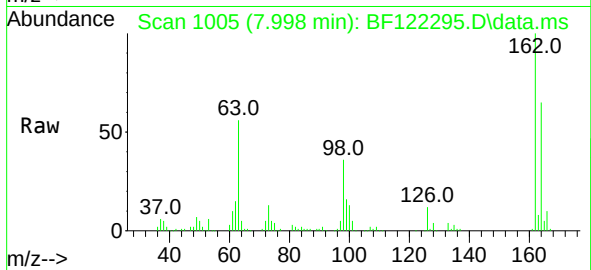




#29
2,4-Dichlorophenol
Concen: 7.60 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

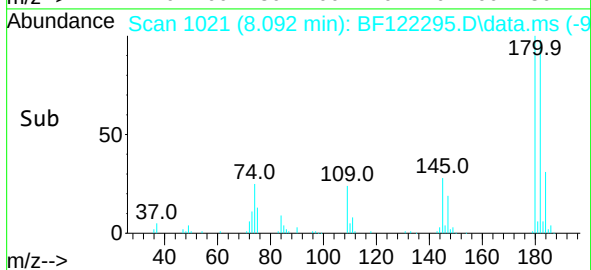
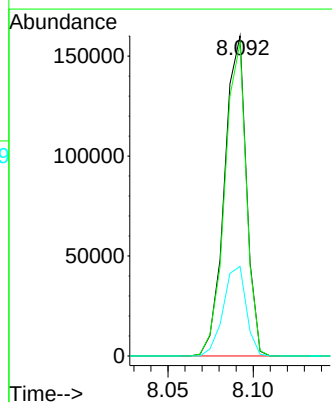
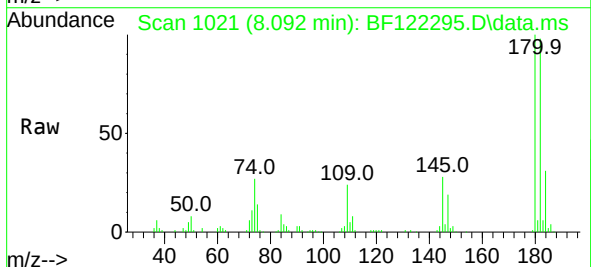
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

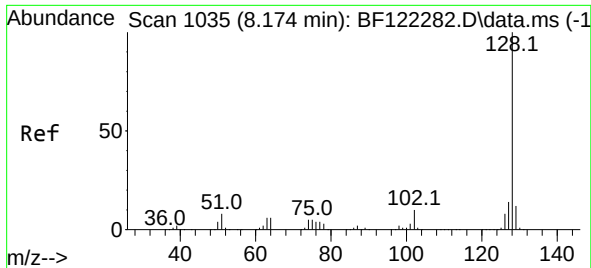
Tgt Ion:162 Resp: 124164
Ion Ratio Lower Upper
162 100
164 64.9 42.5 82.5
98 36.3 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 7.91 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:180 Resp: 142650
Ion Ratio Lower Upper
180 100
182 97.8 79.4 119.2
145 28.0 25.5 38.3

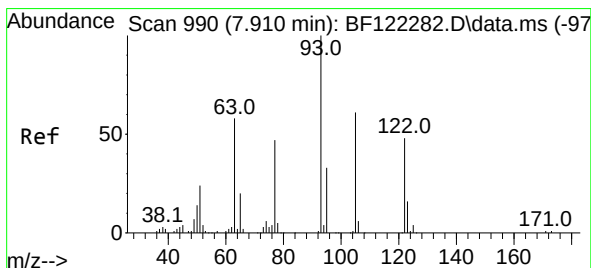
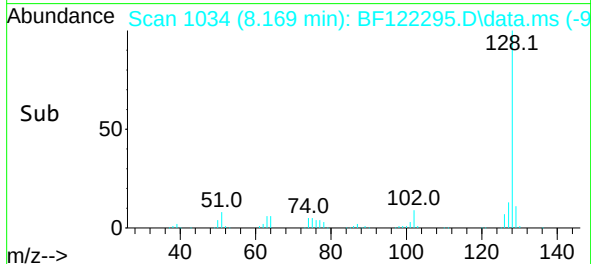
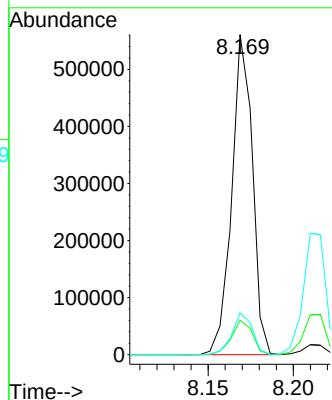
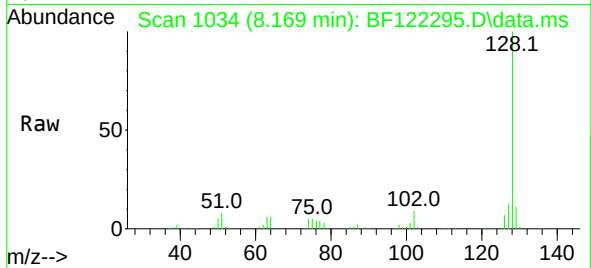




#31
Naphthalene
Concen: 8.26 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

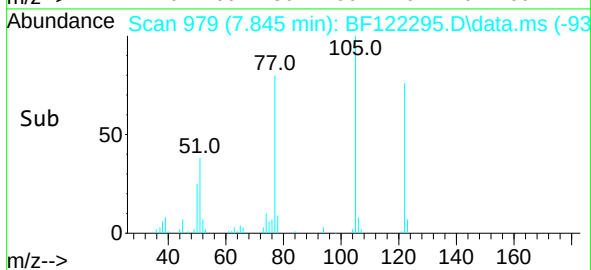
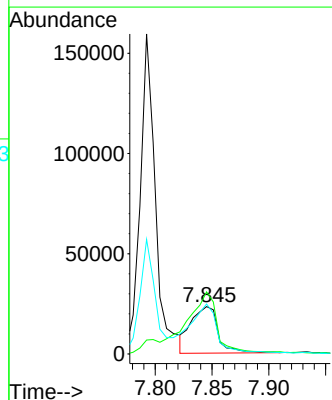
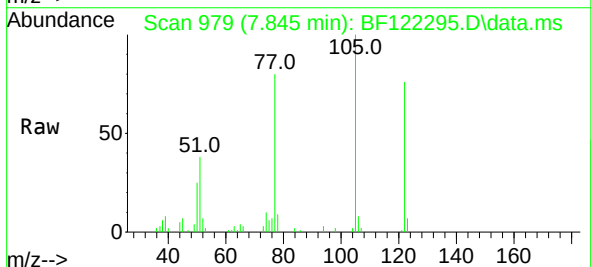
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

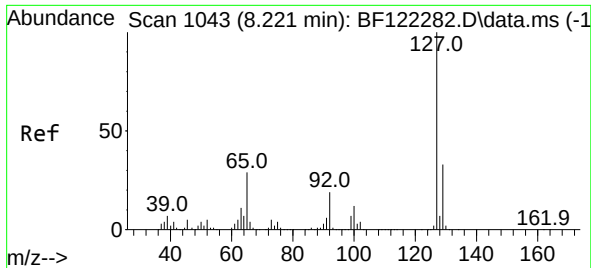
Tgt Ion:128 Resp: 471529
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 4.61 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.065 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:122 Resp: 38366
Ion Ratio Lower Upper
122 100
105 131.0 103.3 143.3
77 105.2 73.9 113.9

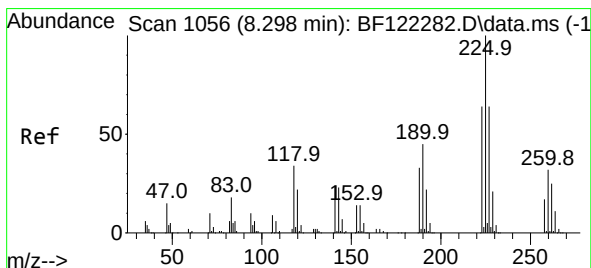
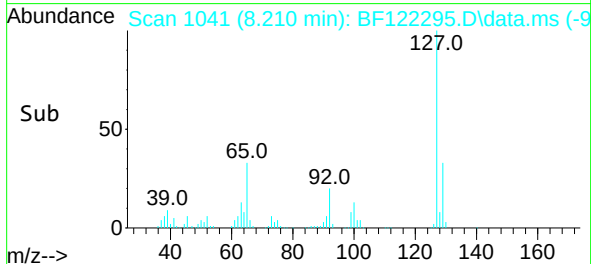
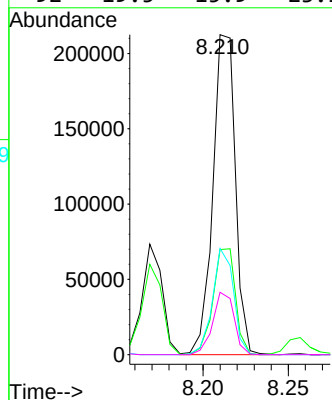
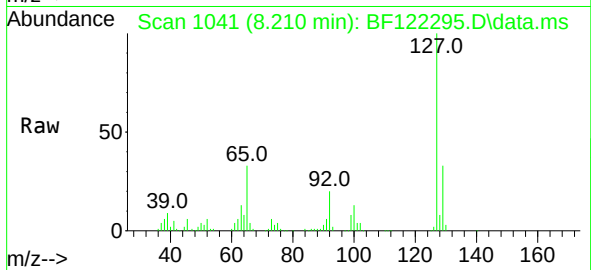




#33
4-Chloroaniline
Concen: 7.86 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

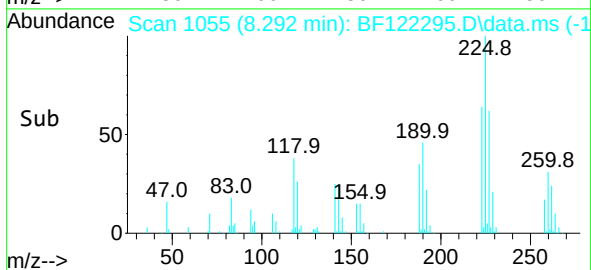
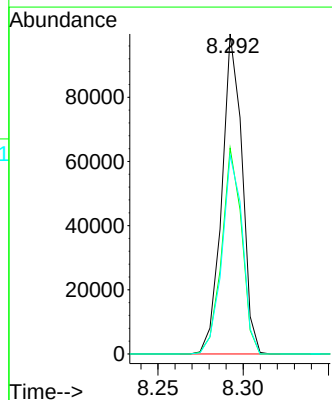
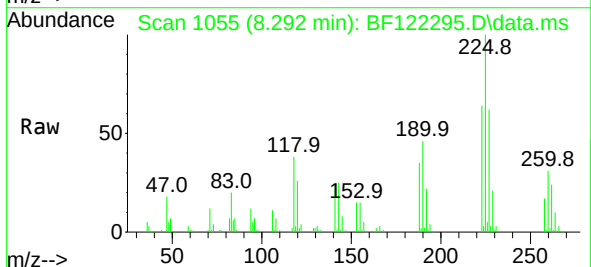
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

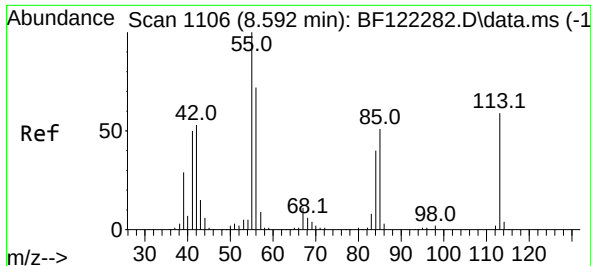
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	33.2	26.2	39.2
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 7.95 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.1	76.7
227	62.0	51.0	76.6

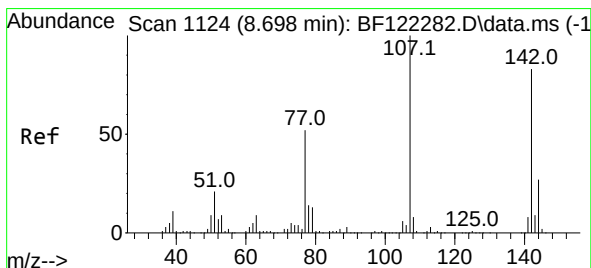
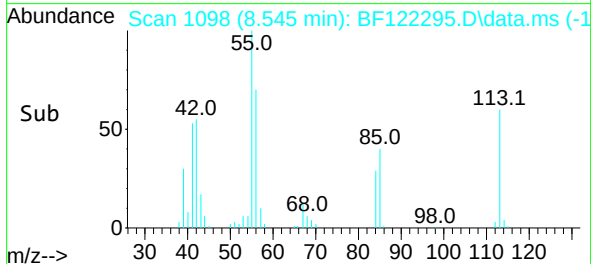
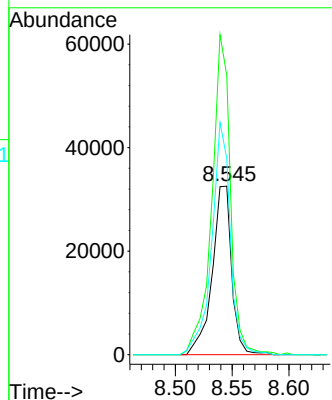
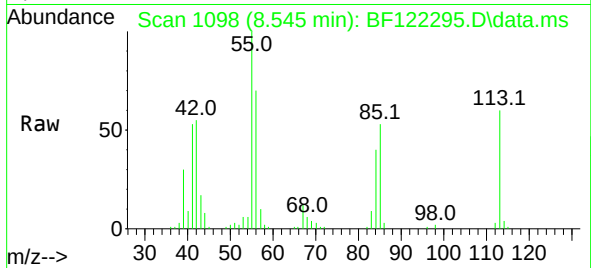




#35
Caprolactam
Concen: 7.51 ng
RT: 8.545 min Scan# 1098
Delta R.T. -0.047 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

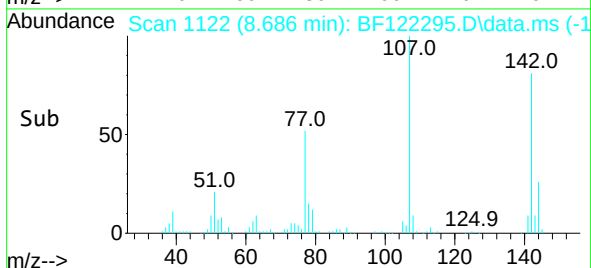
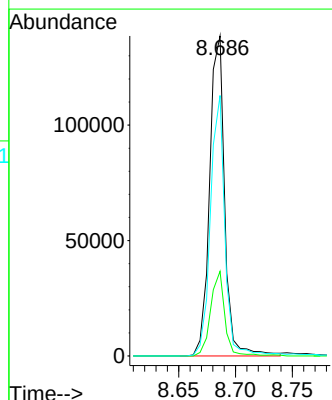
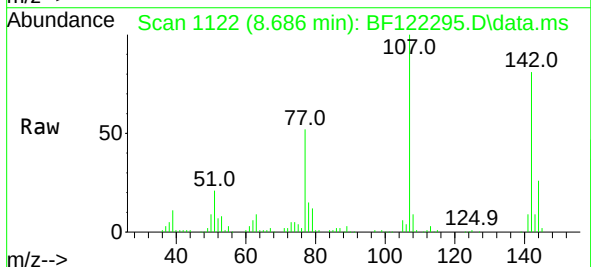
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

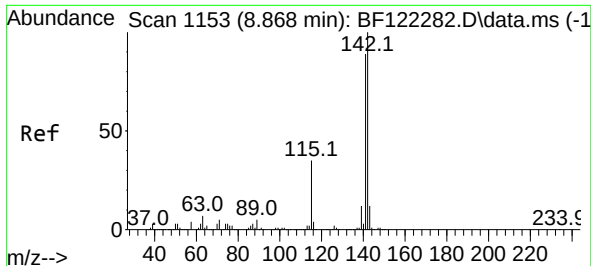
Tgt Ion:113 Resp: 38889
Ion Ratio Lower Upper
113 100
55 165.7 167.5 207.5#
56 116.3 121.2 161.2#



#36
4-Chloro-3-methylphenol
Concen: 7.50 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:107 Resp: 127756
Ion Ratio Lower Upper
107 100
144 26.5 20.1 30.1
142 81.4 59.3 88.9

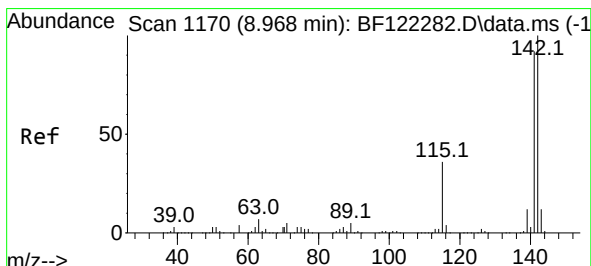
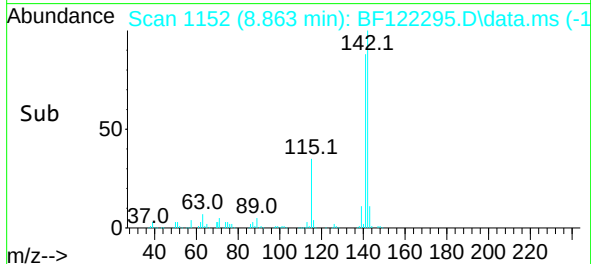
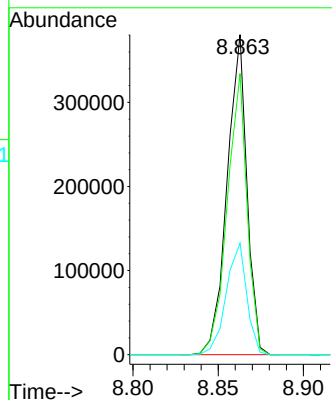
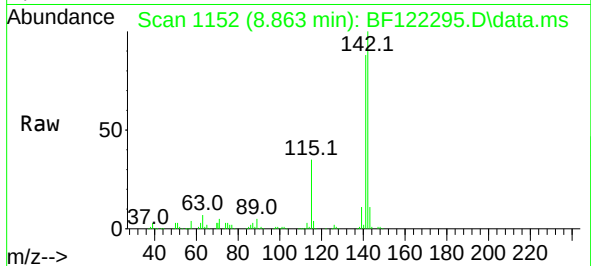




#37
2-Methylnaphthalene
Concen: 8.17 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

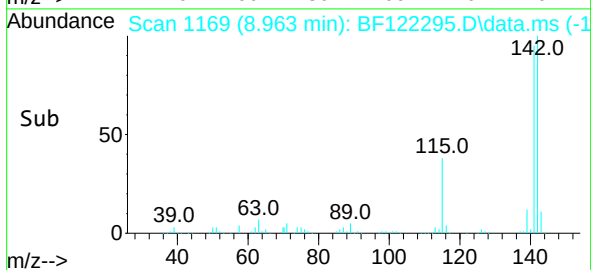
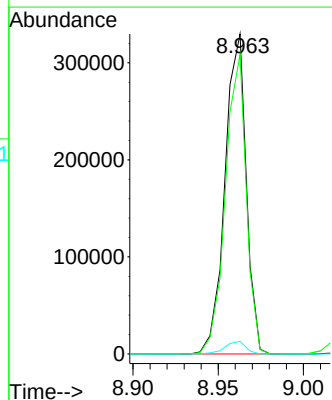
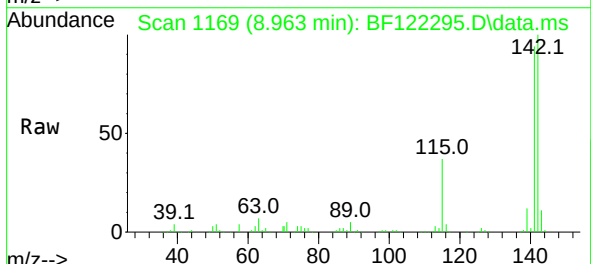
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

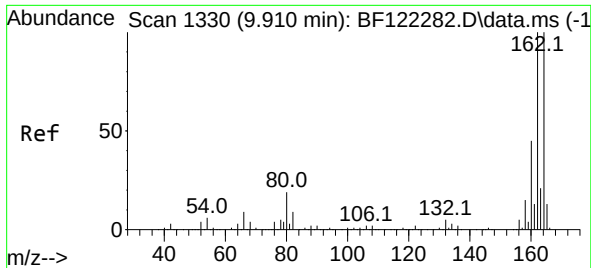
Tgt Ion:142 Resp: 308285
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.4
115 34.8 28.6 43.0



#38
1-Methylnaphthalene
Concen: 8.09 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:142 Resp: 285735
Ion Ratio Lower Upper
142 100
141 93.6 74.5 111.7
116 4.0 3.2 4.8

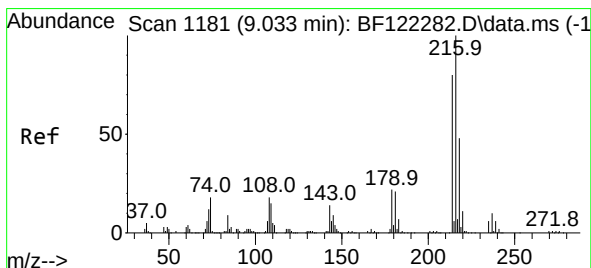
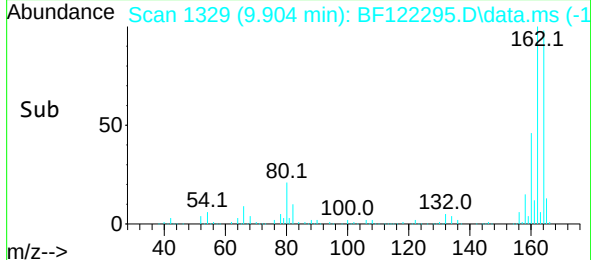
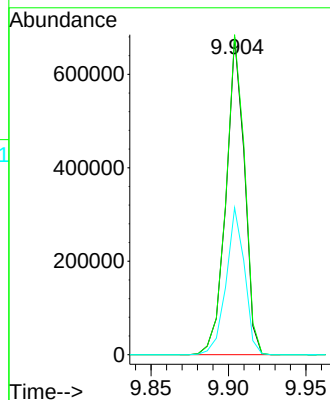
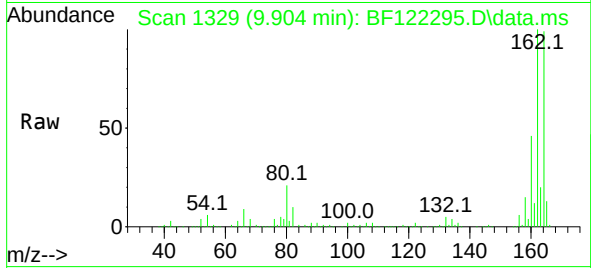




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

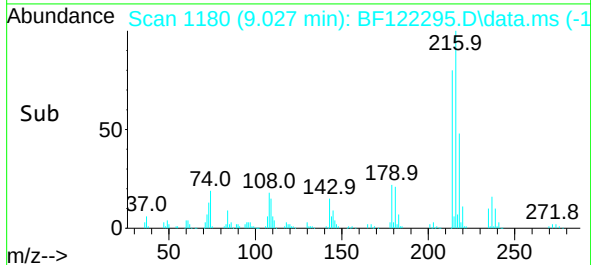
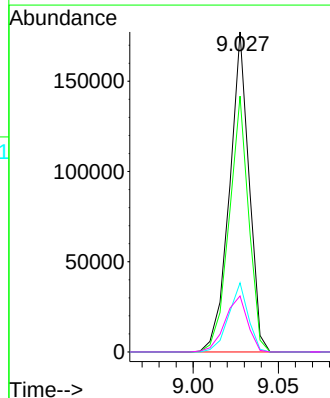
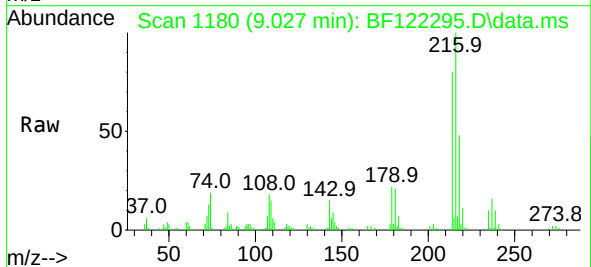
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

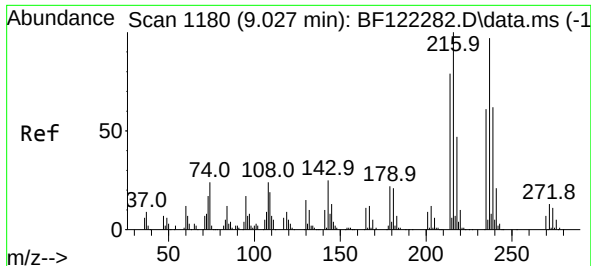
Tgt Ion:164 Resp: 563072
Ion Ratio Lower Upper
164 100
162 100.8 83.2 124.8
160 46.3 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.14 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:216 Resp: 141243
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 21.5 17.0 25.6
108 20.2 15.5 23.3

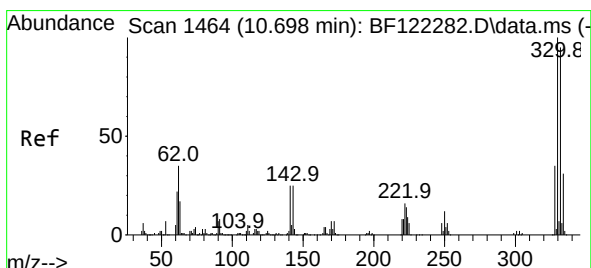
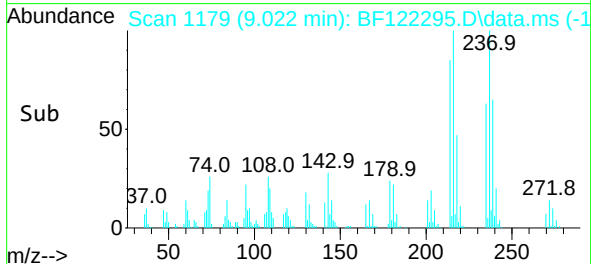
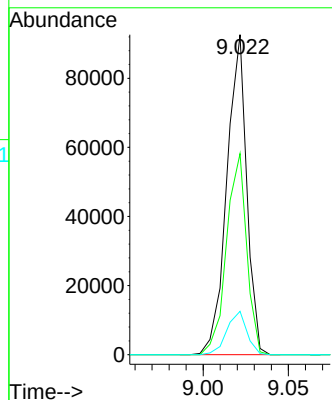
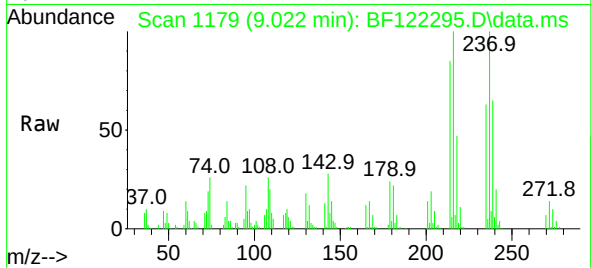




#41
Hexachlorocyclopentadiene
Concen: 7.43 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

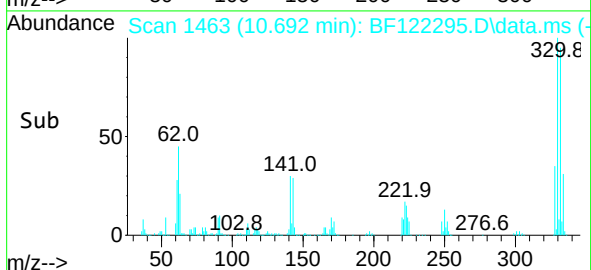
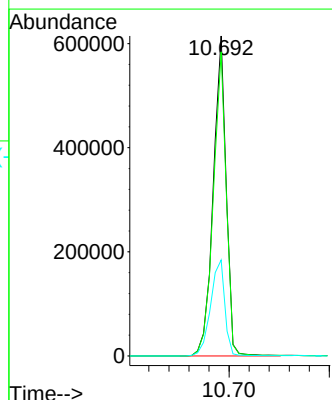
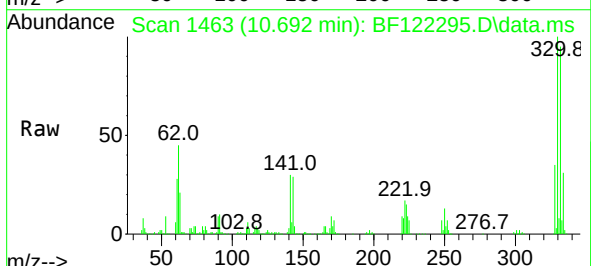
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

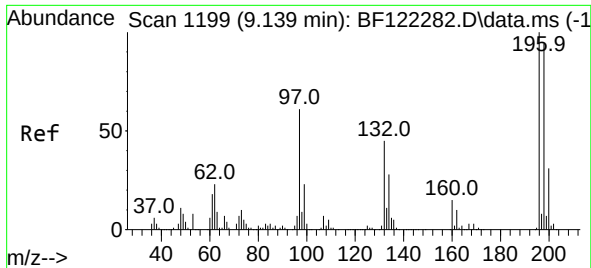
Tgt Ion:237 Resp: 75357
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 91.26 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:330 Resp: 551538
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.1 22.3 33.5

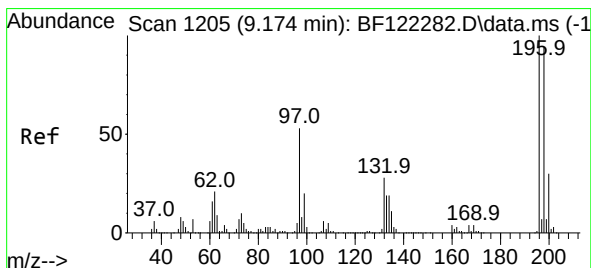
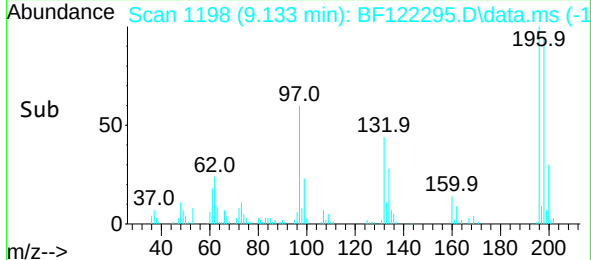
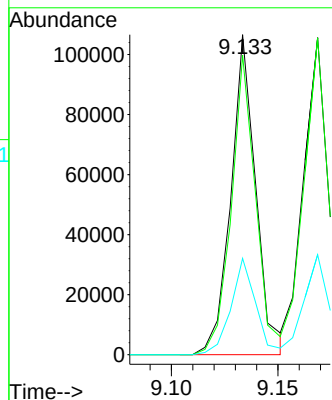
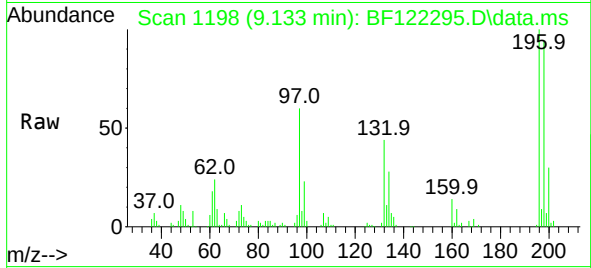




#43
2,4,6-Trichlorophenol
Concen: 7.71 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

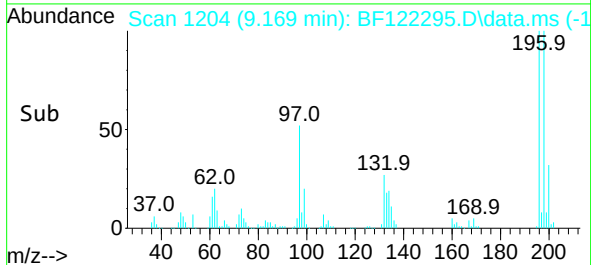
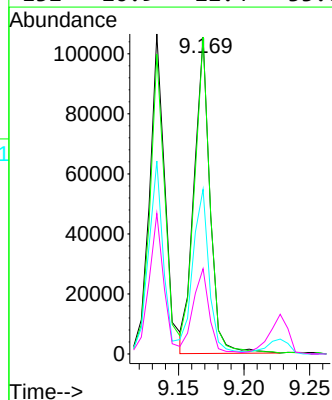
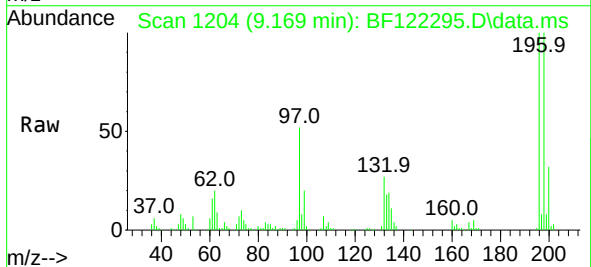
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

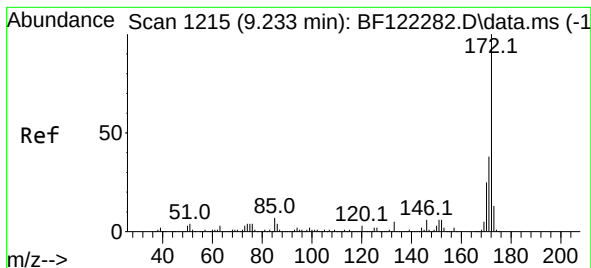
Tgt Ion:196 Resp: 86903
Ion Ratio Lower Upper
196 100
198 93.6 75.8 113.6
200 30.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 7.50 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:196 Resp: 88607
Ion Ratio Lower Upper
196 100
198 99.9 76.1 114.1
97 51.9 41.0 61.6
132 26.9 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 70.92 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

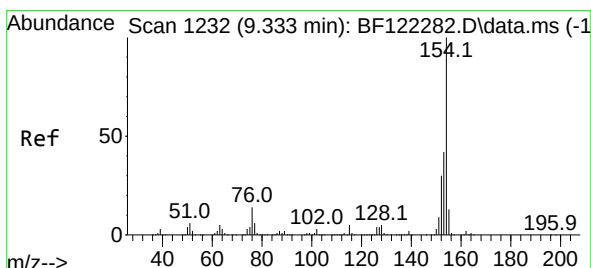
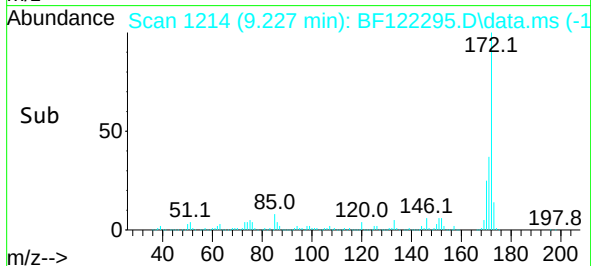
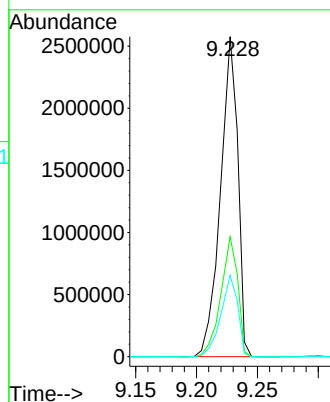
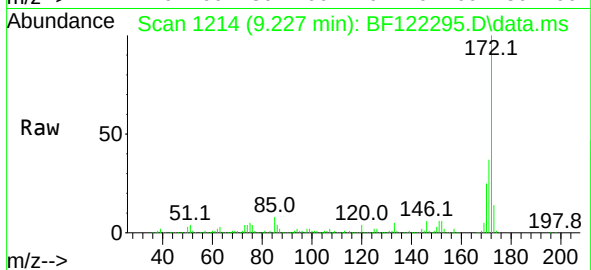
Tgt Ion:172 Resp: 2555737

Ion Ratio Lower Upper

172 100

171 37.4 29.1 43.7

170 25.5 19.8 29.6



#46

1,1'-Biphenyl

Concen: 8.35 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

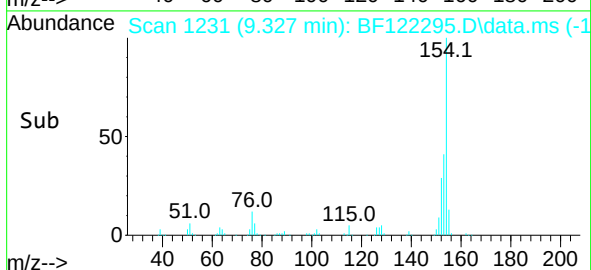
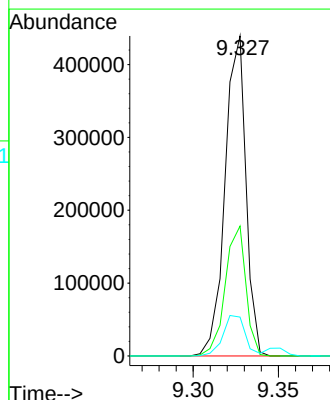
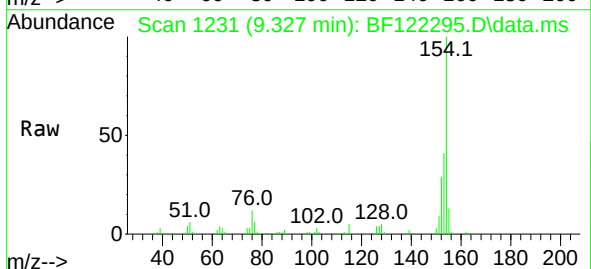
Tgt Ion:154 Resp: 374037

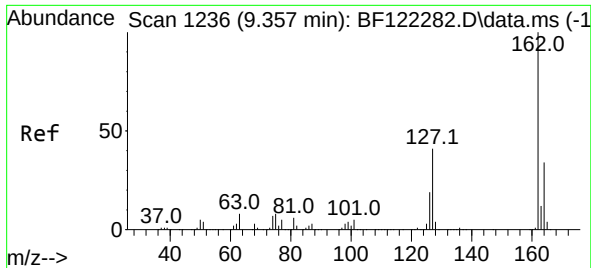
Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

76 12.1 0.0 34.7

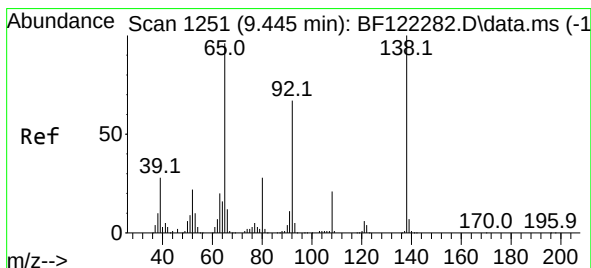
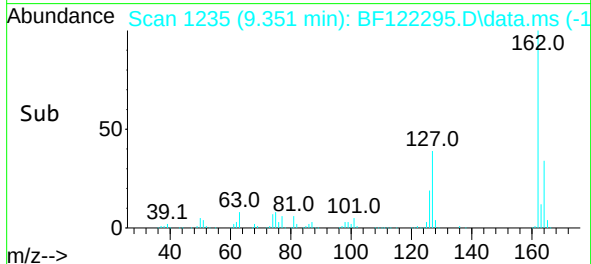
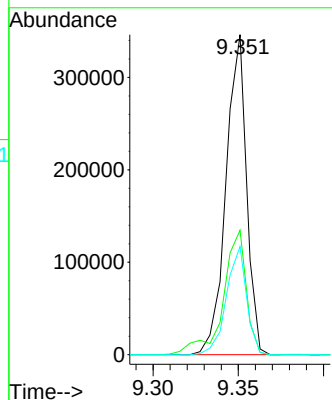
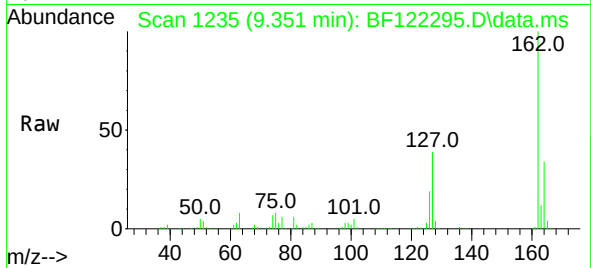




#47
2-Chloronaphthalene
Concen: 8.18 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

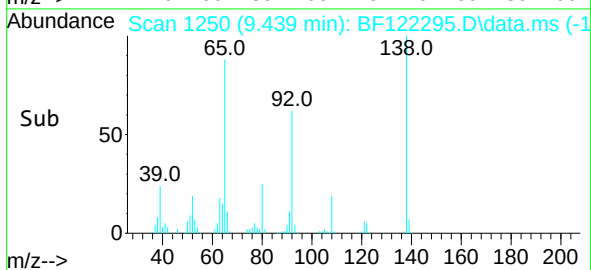
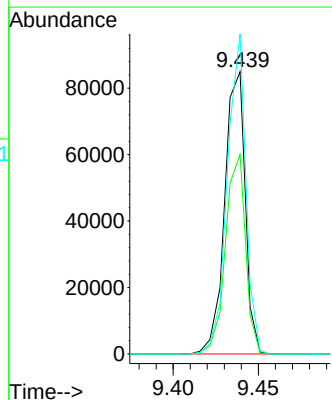
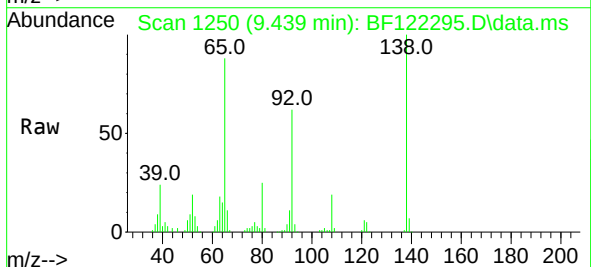
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

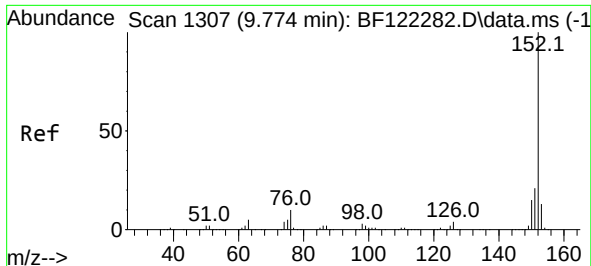
Tgt Ion:162 Resp: 290816
Ion Ratio Lower Upper
162 100
127 38.9 34.4 51.6
164 33.8 26.3 39.5



#48
2-Nitroaniline
Concen: 8.16 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion: 65 Resp: 71280
Ion Ratio Lower Upper
65 100
92 70.7 55.1 82.7
138 113.4 80.5 120.7





#49

Acenaphthylene

Concen: 8.13 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

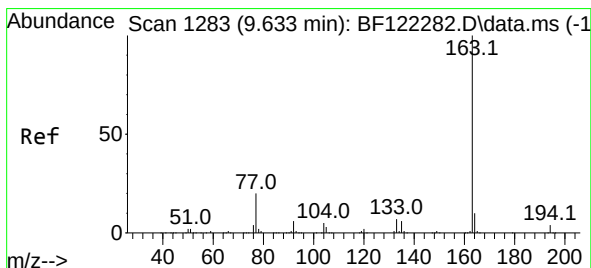
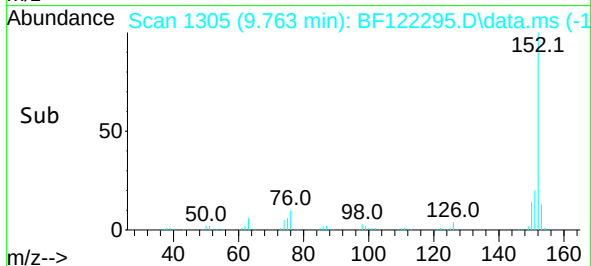
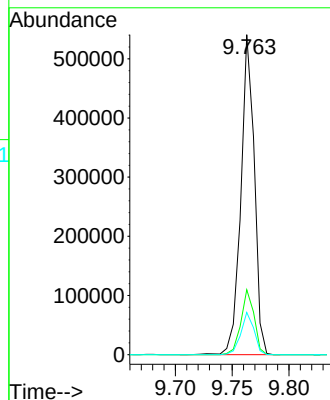
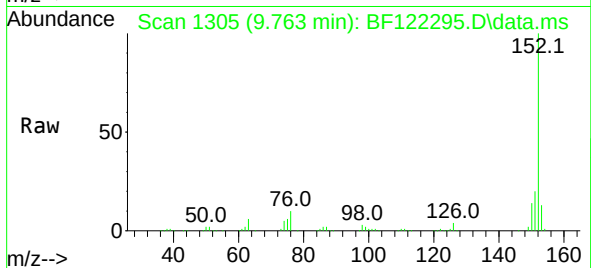
Tgt Ion:152 Resp: 444532

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 8.01 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

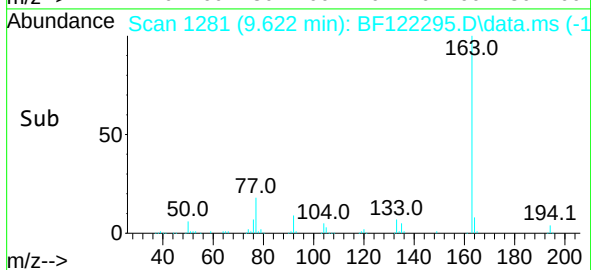
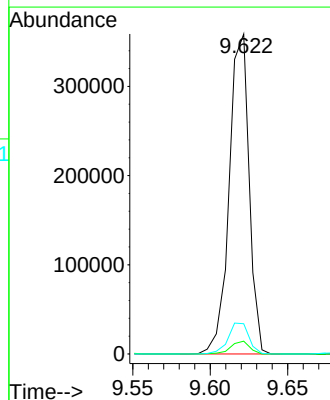
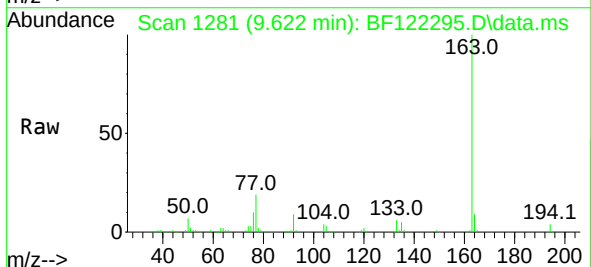
Tgt Ion:163 Resp: 320510

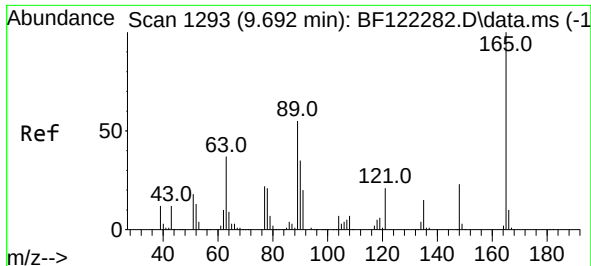
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.5 8.2 12.4

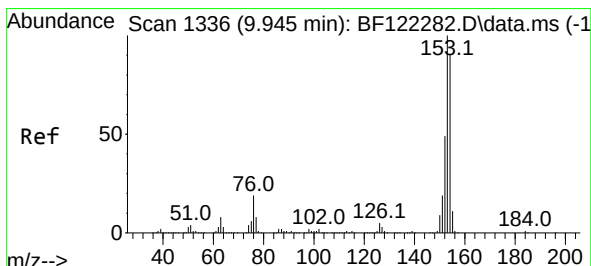
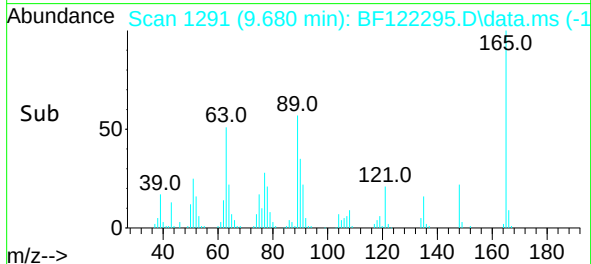
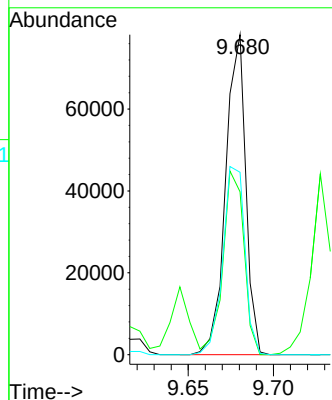
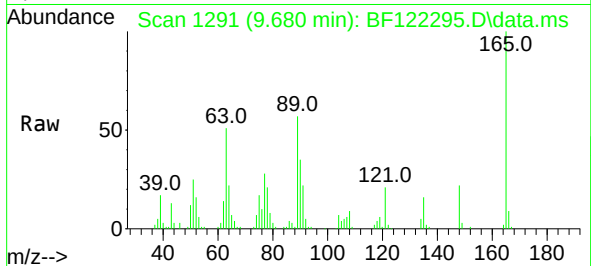




#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

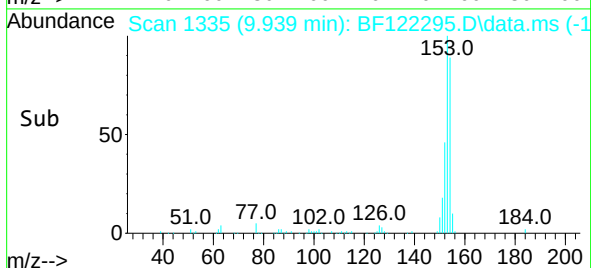
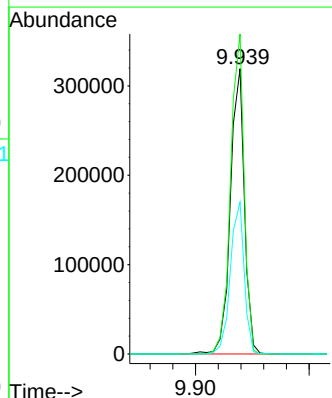
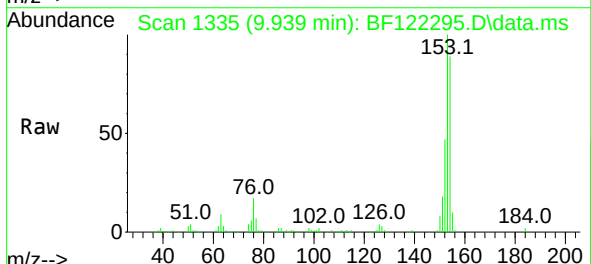
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

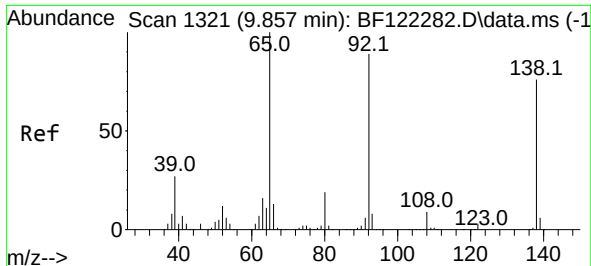
Tgt Ion:165 Resp: 64028
Ion Ratio Lower Upper
165 100
63 50.9 51.8 77.6#
89 57.0 49.0 73.6



#52
Acenaphthene
Concen: 8.12 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:154 Resp: 274831
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.8
152 53.2 43.2 64.8

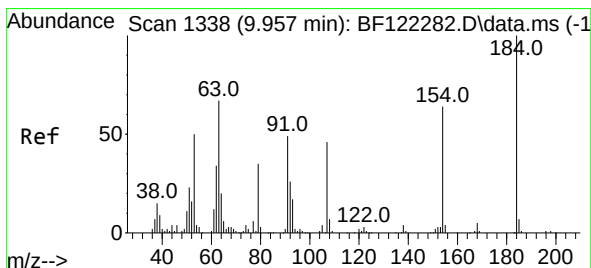
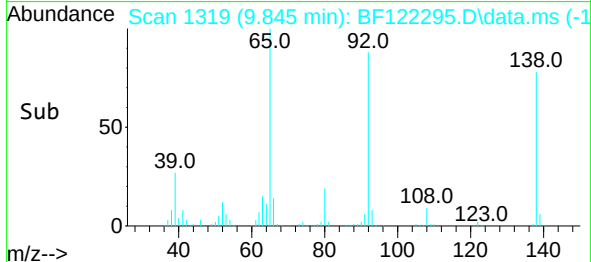
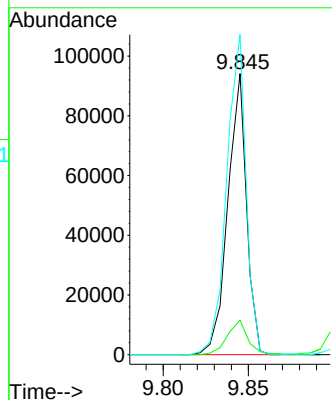
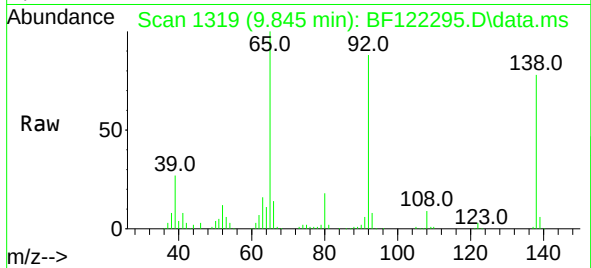




#53
3-Nitroaniline
Concen: 8.07 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

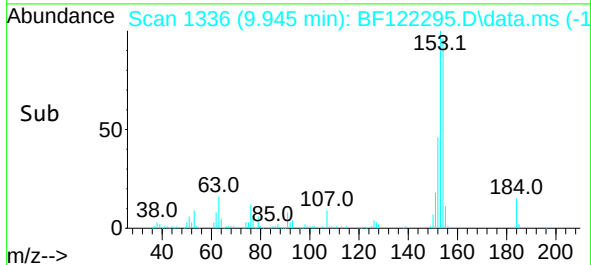
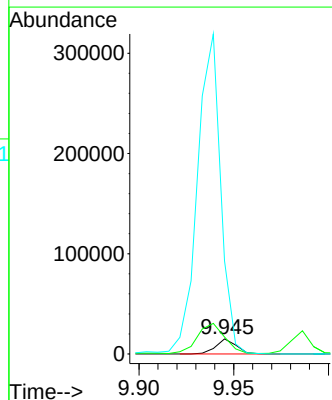
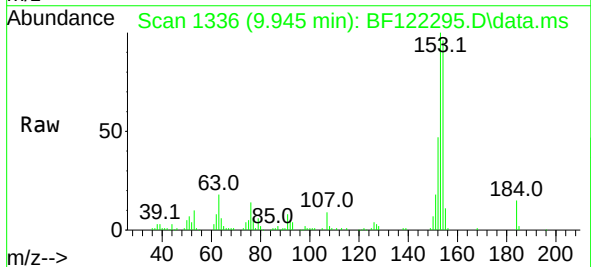
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

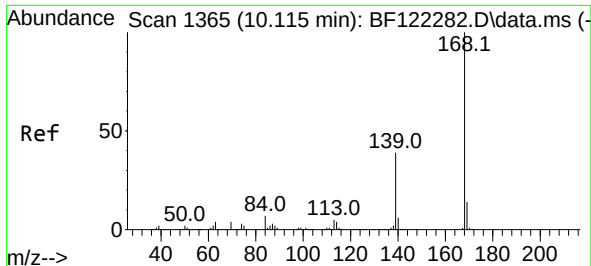
Tgt Ion:138	Resp:	72157
Ion Ratio	Lower	Upper
138	100	
108	12.2	8.6 13.0
92	113.8	96.6 144.8



#54
2,4-Dinitrophenol
Concen: 4.73 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

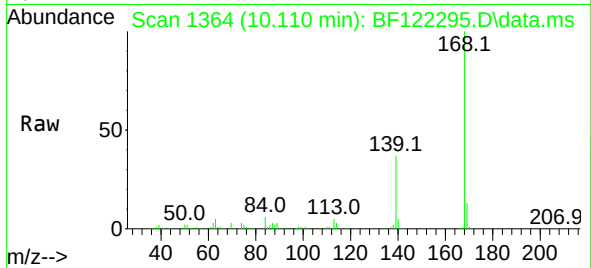
Tgt Ion:184	Resp:	11192
Ion Ratio	Lower	Upper
184	100	
63	113.8	45.9 68.9#
154	621.3	45.8 68.6#



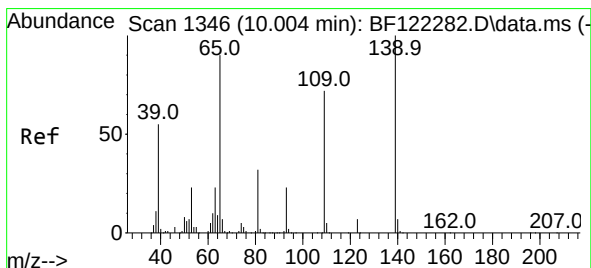
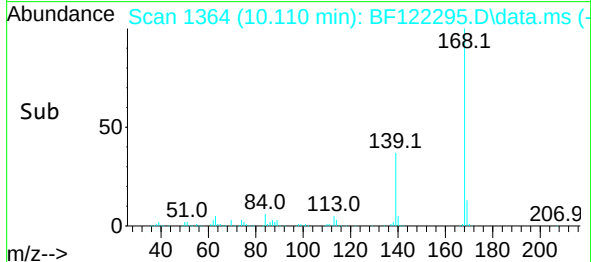
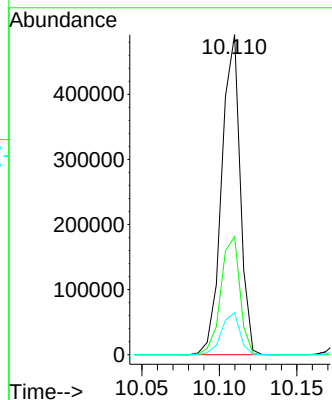


#55
Dibenzofuran
Concen: 8.23 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.005 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

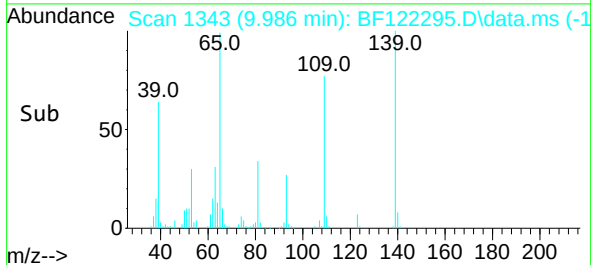
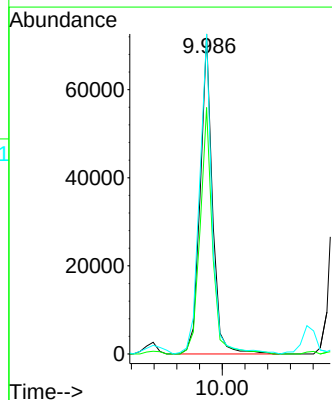
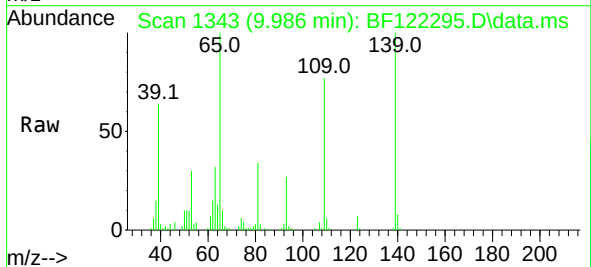


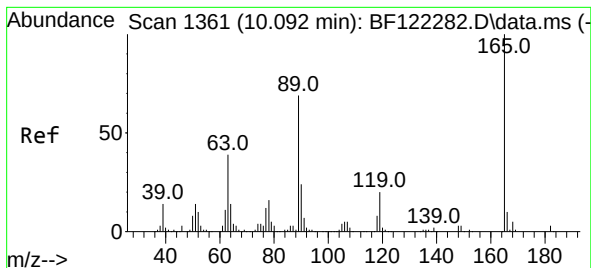
Tgt Ion:168 Resp: 407994
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.6
169 13.1 11.3 16.9



#56
4-Nitrophenol
Concen: 7.11 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:139 Resp: 54315
Ion Ratio Lower Upper
139 100
109 77.0 45.4 85.4
65 99.9 68.4 108.4

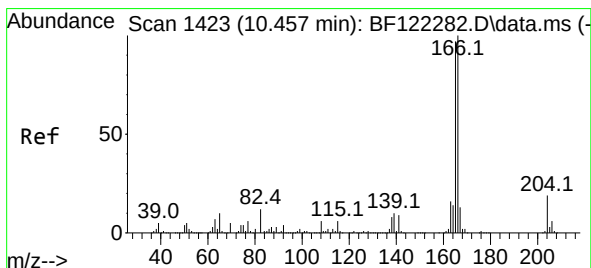
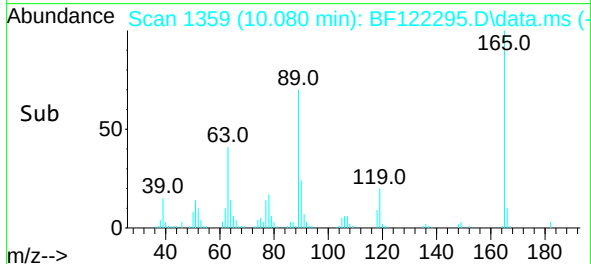
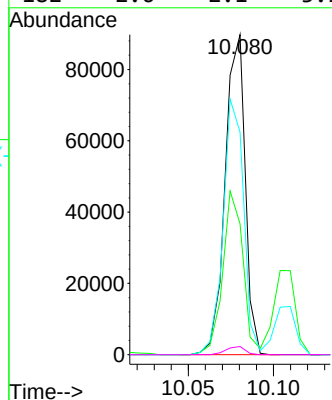
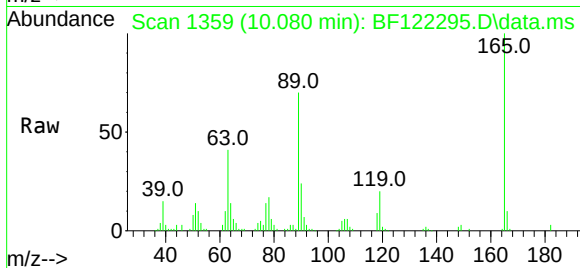




#57
2,4-Dinitrotoluene
Concen: 7.85 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

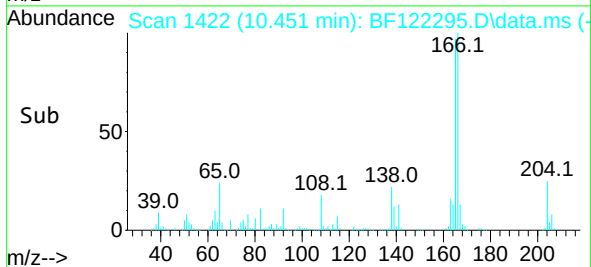
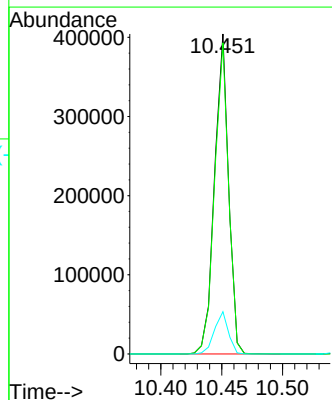
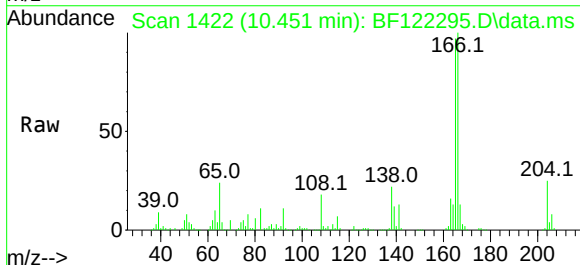
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

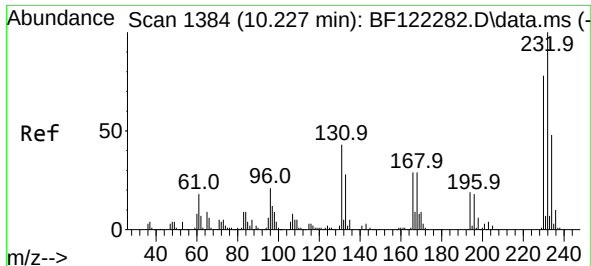
Tgt Ion:165 Resp: 73459
Ion Ratio Lower Upper
165 100
63 40.9 41.3 61.9#
89 69.5 61.8 92.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 8.55 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:166 Resp: 324563
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.2 11.0 16.6

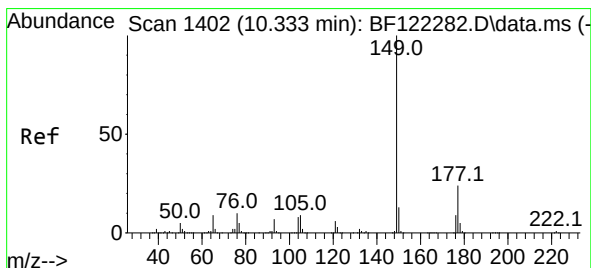
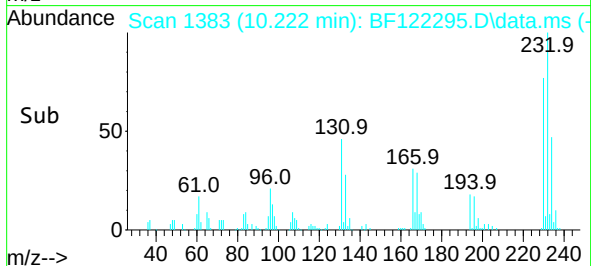
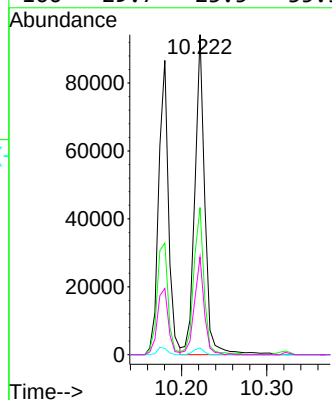
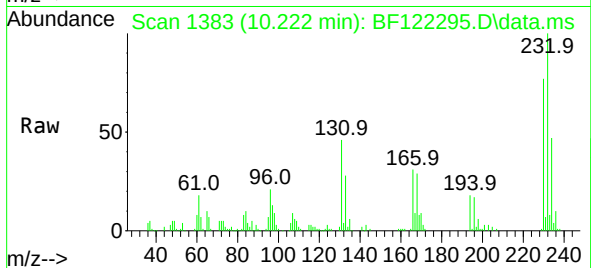




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.83 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

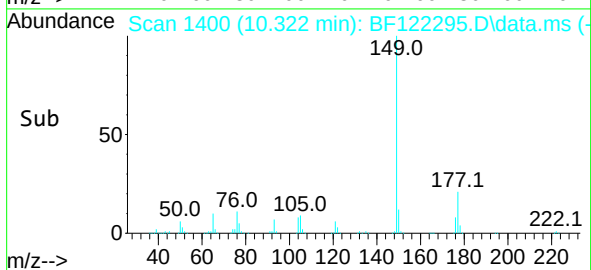
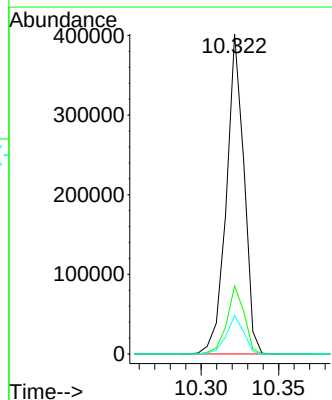
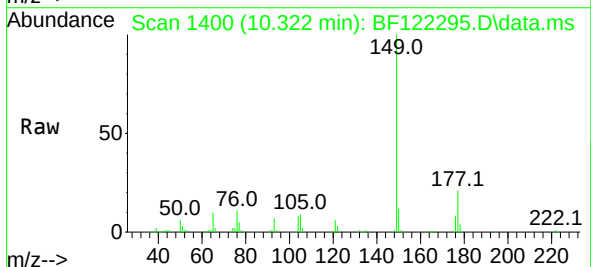
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

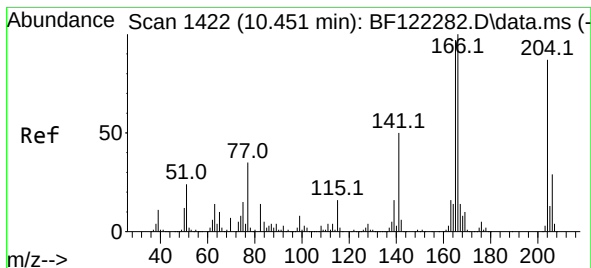
Tgt Ion:232 Resp: 76927
Ion Ratio Lower Upper
232 100
131 47.0 35.9 53.9
130 2.1 1.8 2.6
166 29.7 23.5 35.3



#60
Diethylphthalate
Concen: 8.05 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:149 Resp: 316160
Ion Ratio Lower Upper
149 100
177 21.2 18.1 27.1
150 12.0 10.3 15.5

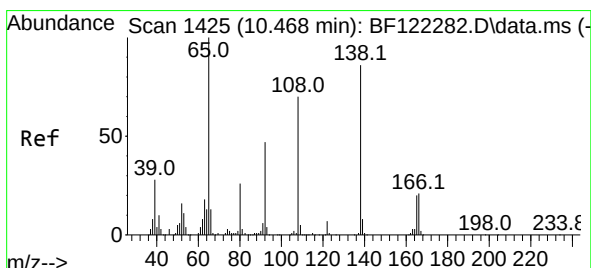
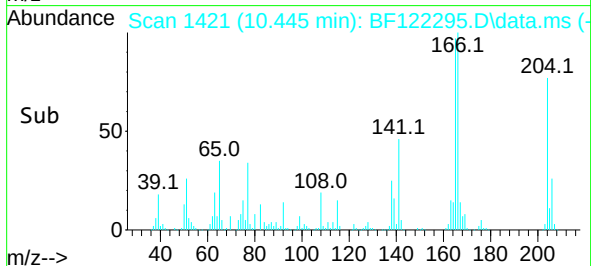
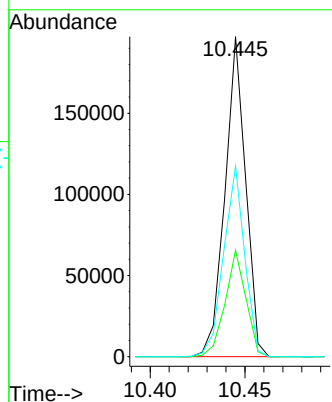
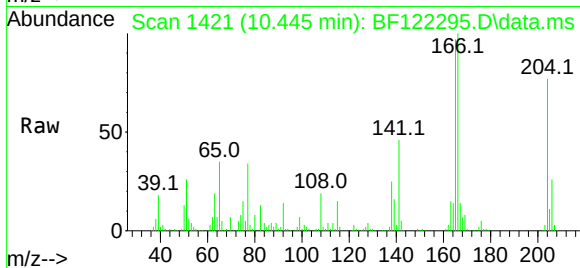




#61
4-Chlorophenyl-phenylether
Concen: 8.34 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

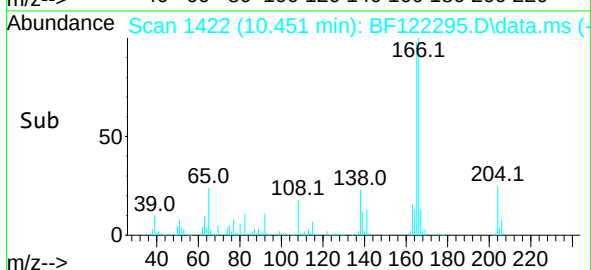
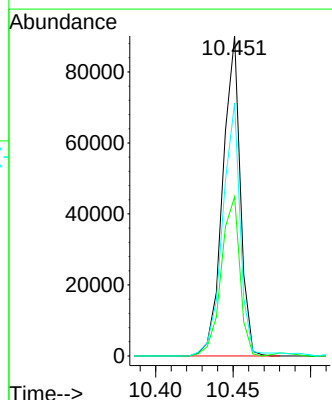
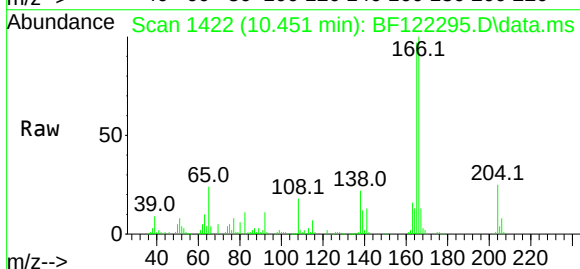
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

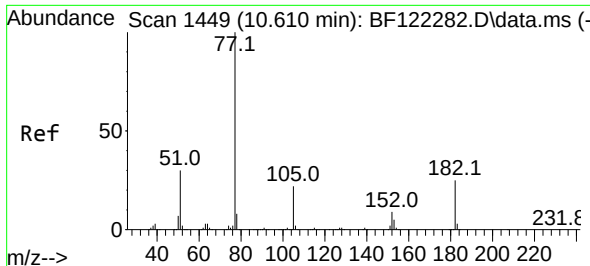
Tgt Ion:204 Resp: 149540
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 59.6 46.2 69.4



#62
4-Nitroaniline
Concen: 8.05 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:138 Resp: 70827
Ion Ratio Lower Upper
138 100
92 49.7 31.0 71.0
108 79.0 51.5 91.5



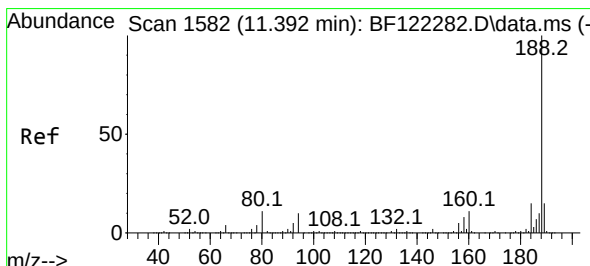
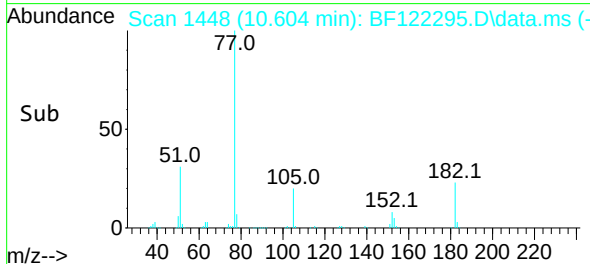
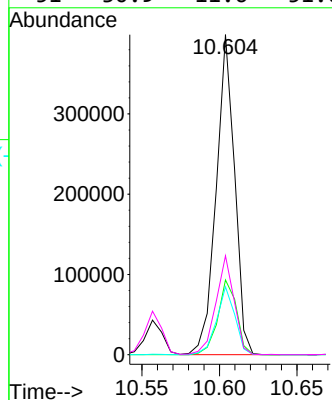
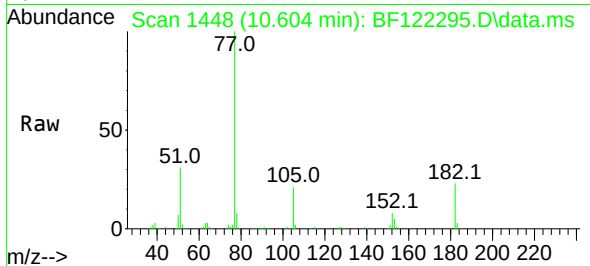


#63
Azobenzene
Concen: 8.00 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion: 77 Resp: 329682

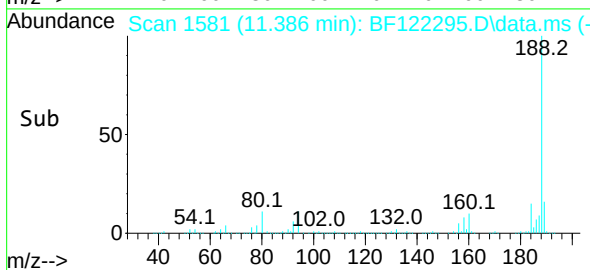
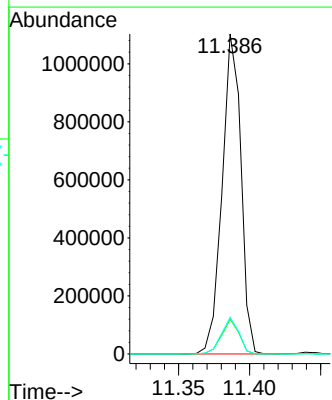
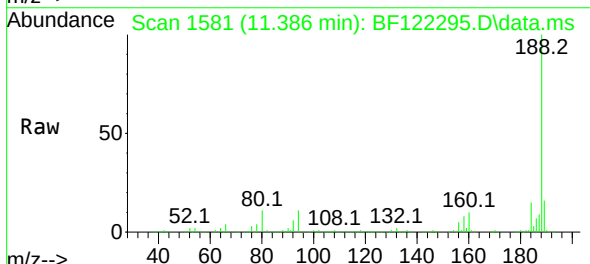
Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.4	43.4
105	21.2	1.7	41.7
51	30.9	11.6	51.6

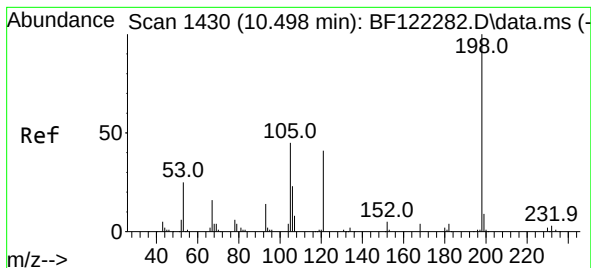


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion: 188 Resp: 1013244

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.5	9.1	13.7

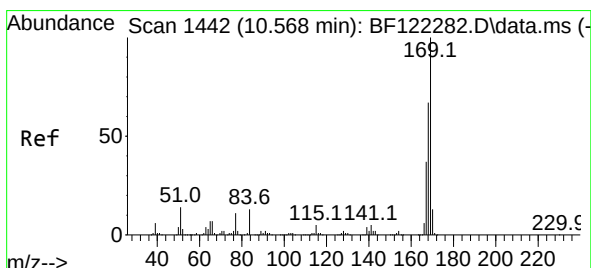
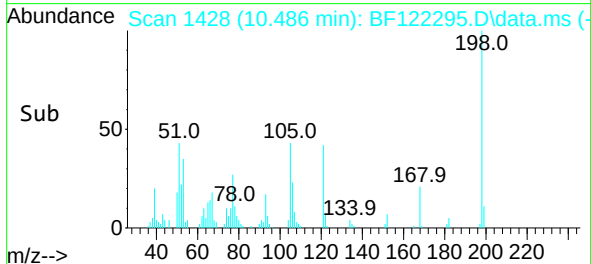
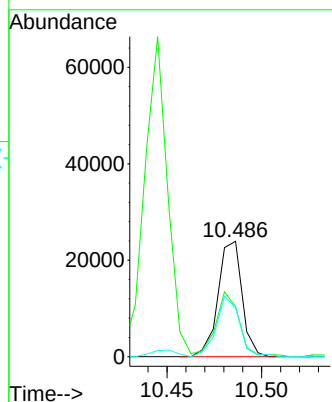
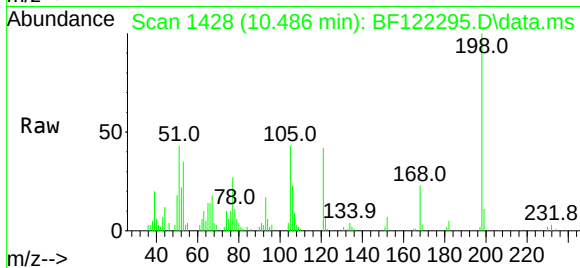




#65
4,6-Dinitro-2-methylphenol
Concen: 5.47 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

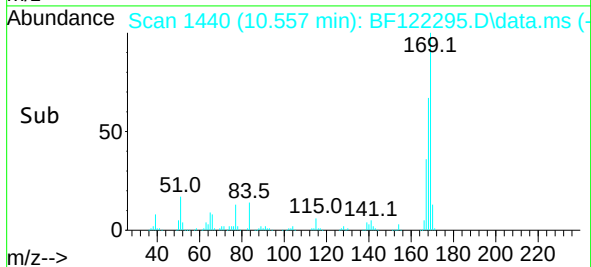
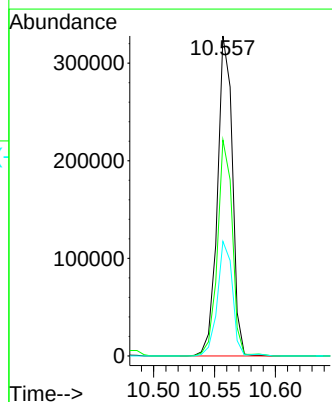
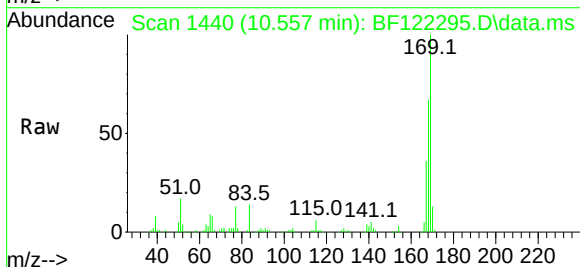
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

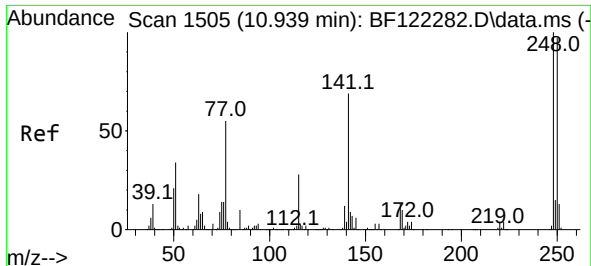
Tgt Ion:198 Resp: 21074
Ion Ratio Lower Upper
198 100
51 43.5 29.6 69.6
105 42.6 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 8.10 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:169 Resp: 279530
Ion Ratio Lower Upper
169 100
168 67.5 50.0 75.0
167 35.8 27.8 41.6

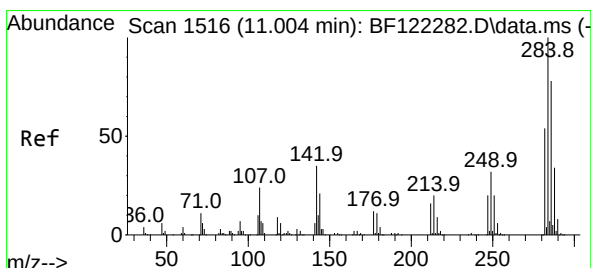
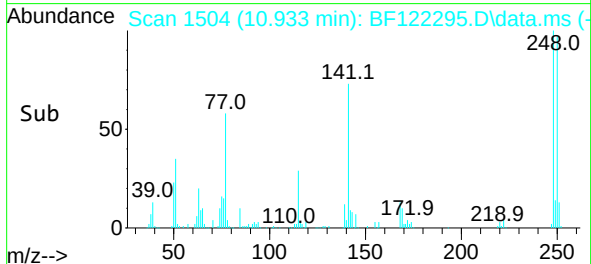
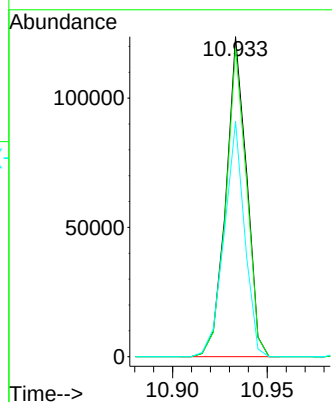
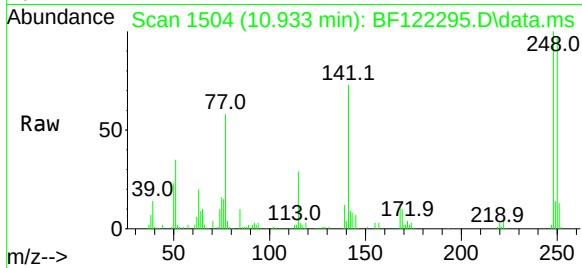




#67
4-Bromophenyl-phenylether
Concen: 7.90 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

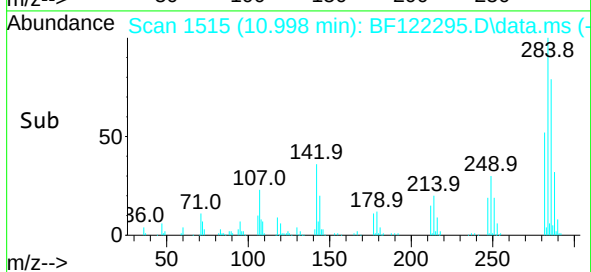
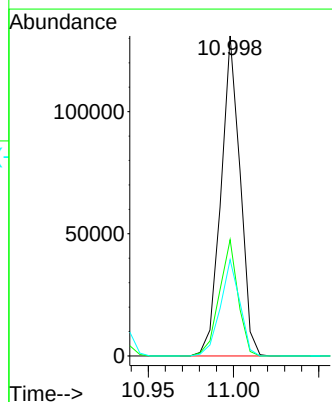
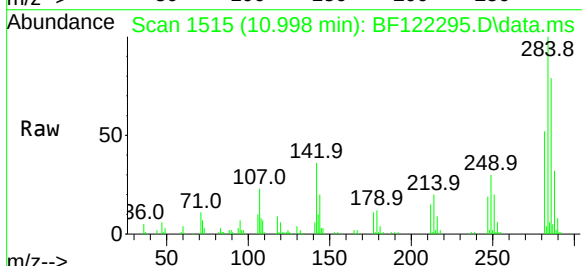
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

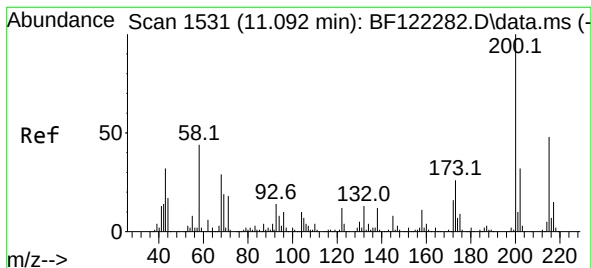
Tgt Ion:248 Resp: 94052
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.6
141 73.5 53.7 80.5



#68
Hexachlorobenzene
Concen: 7.96 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:284 Resp: 102445
Ion Ratio Lower Upper
284 100
142 36.3 27.4 41.2
249 30.1 24.2 36.4





#69

Atrazine

Concen: 8.84 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion:200 Resp: 76005

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

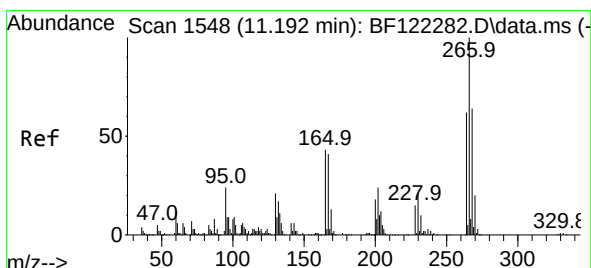
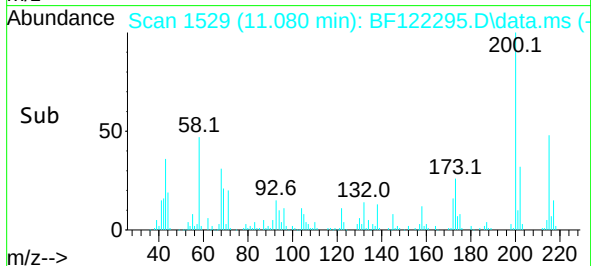
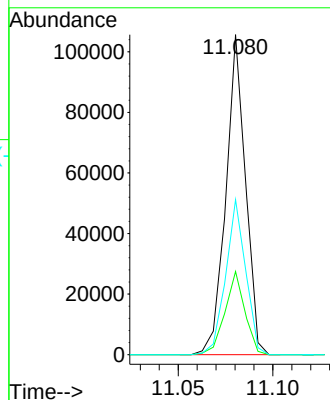
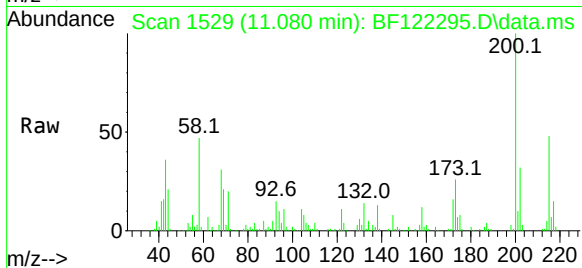
215 48.4 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#70

Pentachlorophenol

Concen: 6.69 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

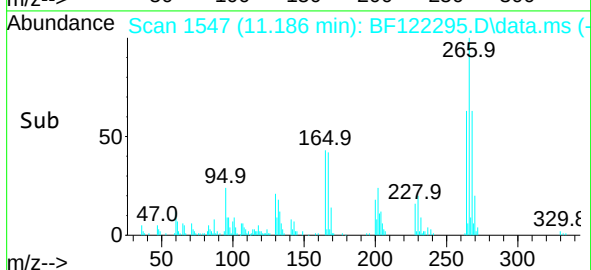
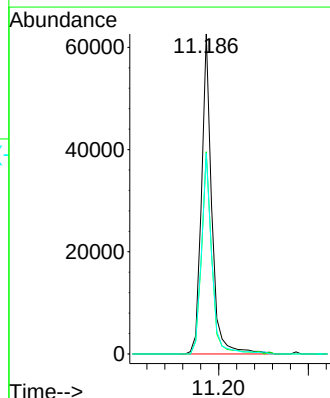
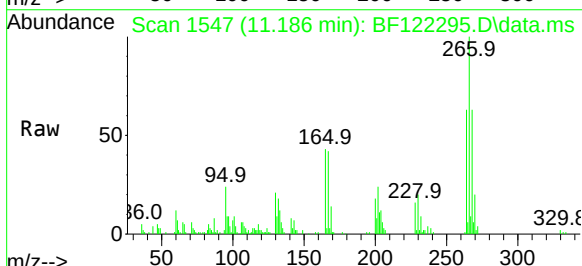
Tgt Ion:266 Resp: 49577

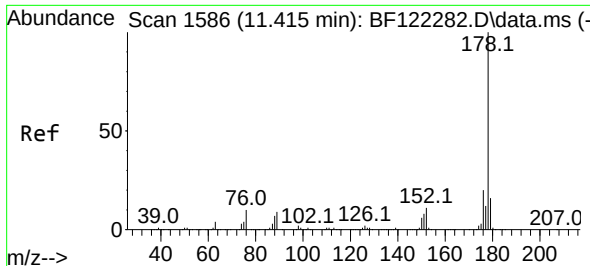
Ion Ratio Lower Upper

266 100

268 63.2 52.4 78.6

264 62.7 49.9 74.9

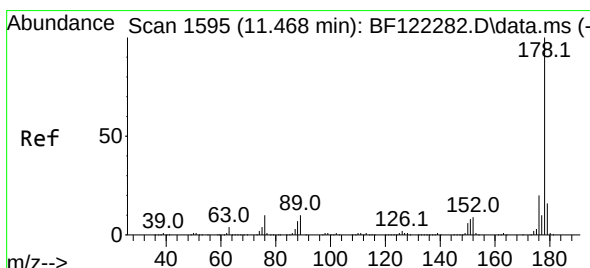
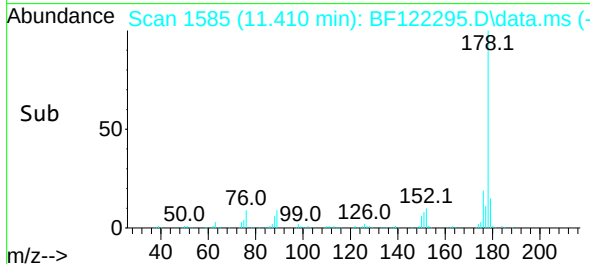
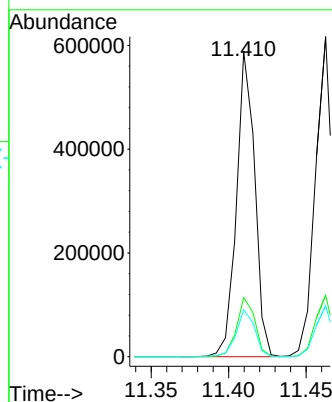
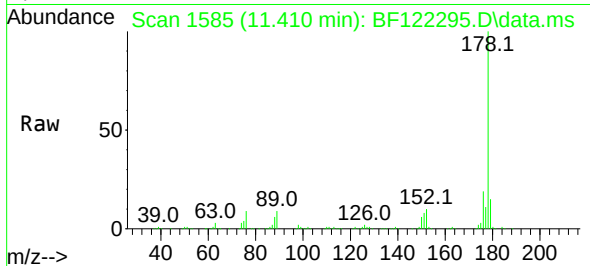




#71
Phenanthrene
Concen: 8.39 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

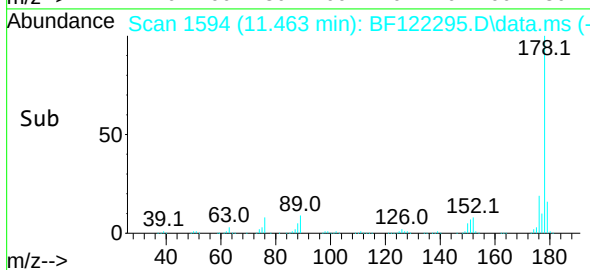
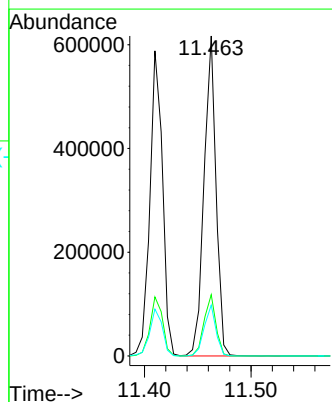
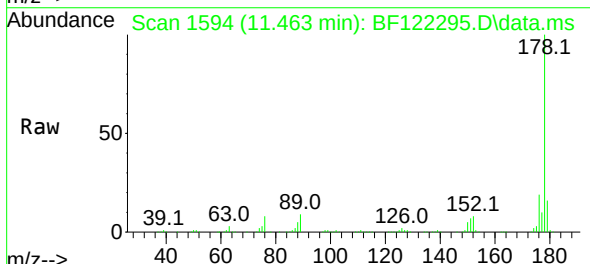
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

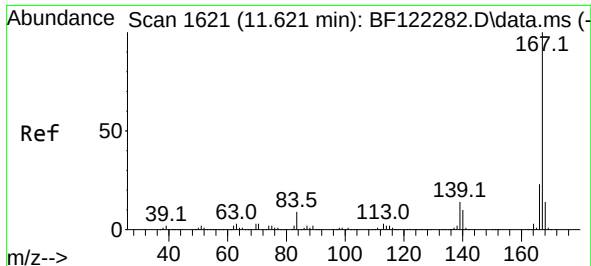
Tgt Ion:178 Resp: 482260
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.4 12.2 18.4



#72
Anthracene
Concen: 8.20 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

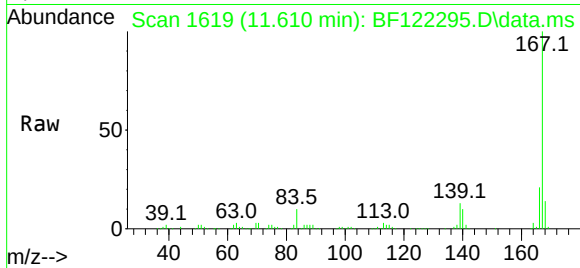
Tgt Ion:178 Resp: 485566
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.9 12.7 19.1



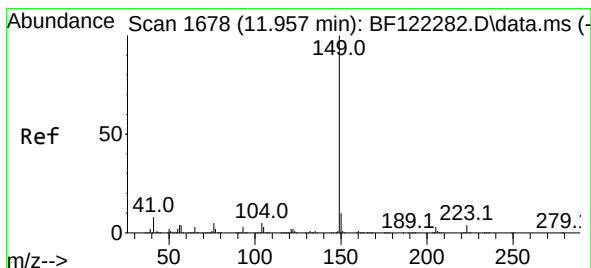
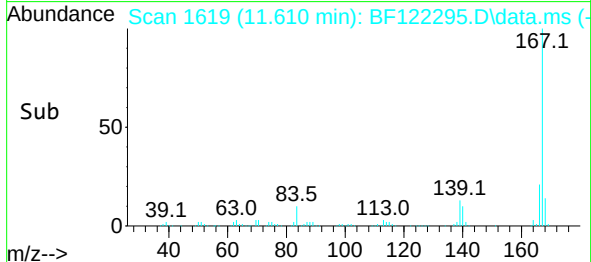
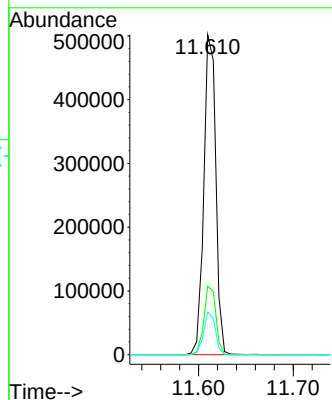


#73
 Carbazole
 Concen: 8.21 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.012 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

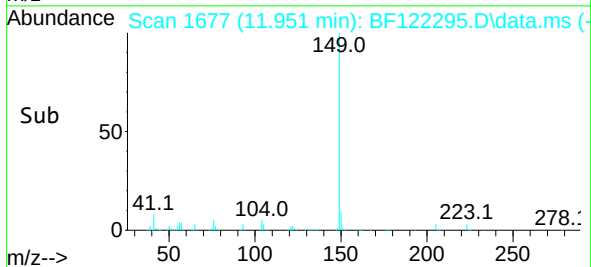
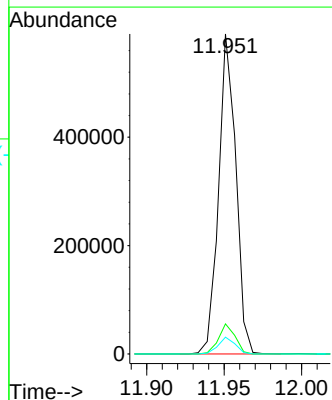
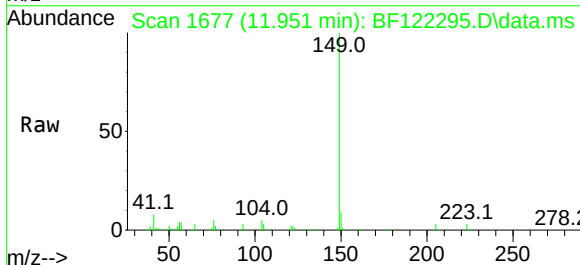


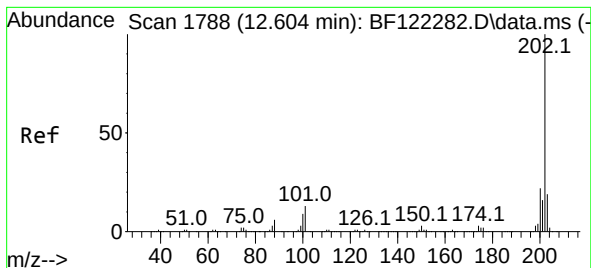
Tgt Ion:167 Resp: 442261
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.6
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 7.94 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

Tgt Ion:149 Resp: 456193
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.2

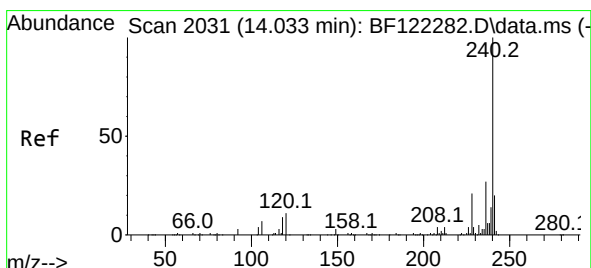
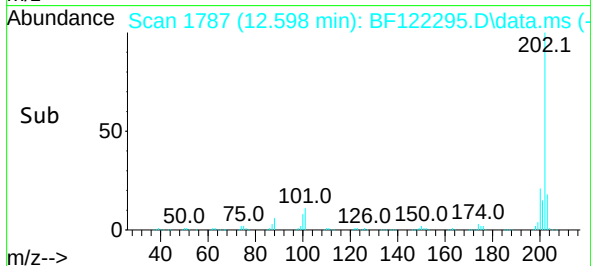
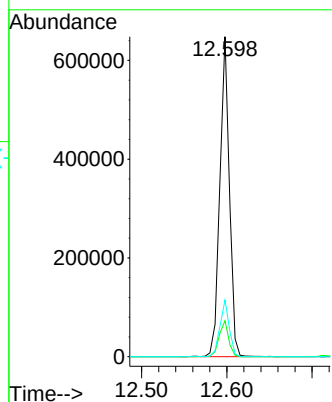
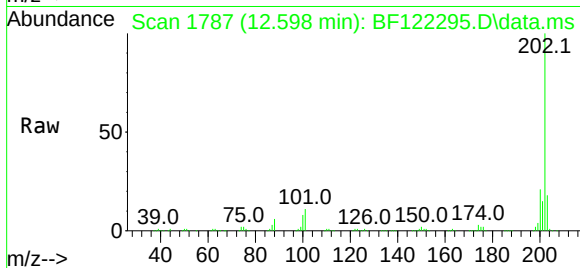




#75
Fluoranthene
Concen: 8.39 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

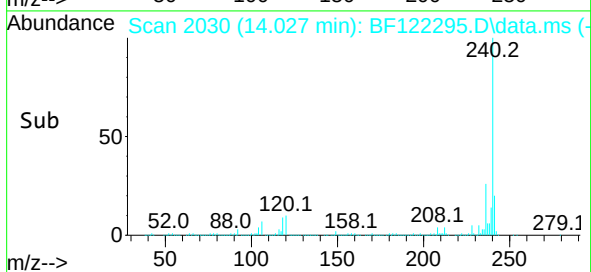
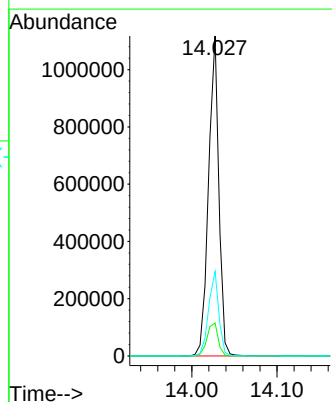
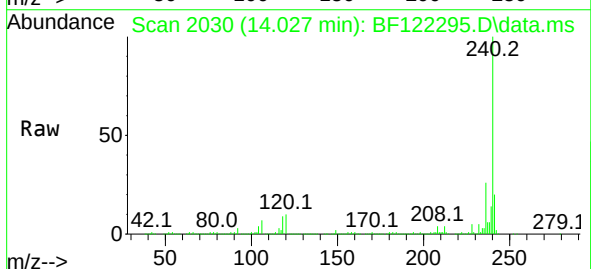
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

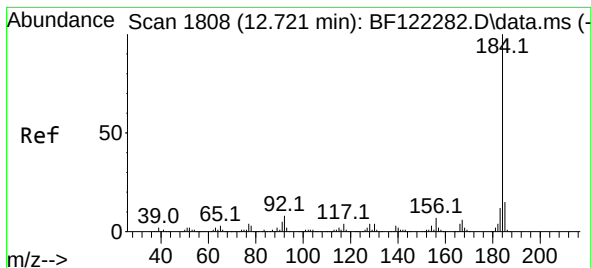
Tgt Ion:202 Resp: 503745
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:240 Resp: 938711
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.5 20.9 31.3





#77

Benzidine

Concen: 9.28 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

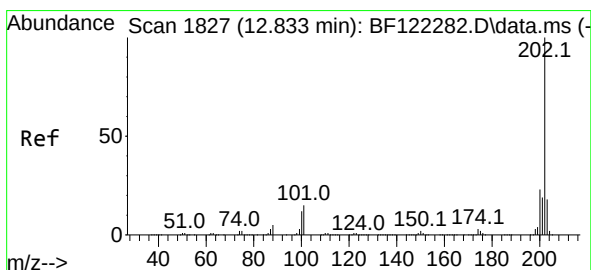
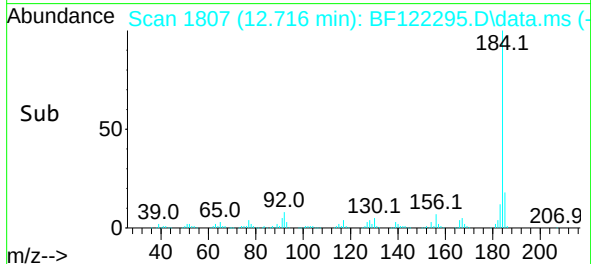
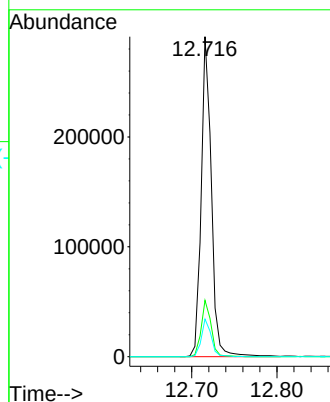
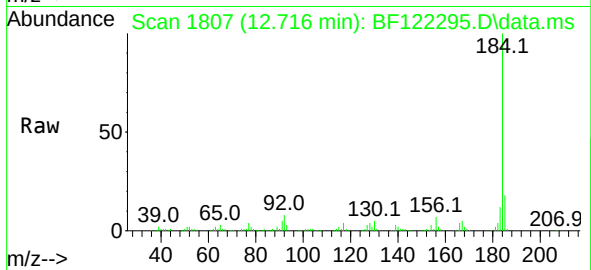
Tgt Ion:184 Resp: 241732

Ion Ratio Lower Upper

184 100

185 17.6 11.6 17.4#

183 11.7 9.4 14.0



#78

Pyrene

Concen: 7.82 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

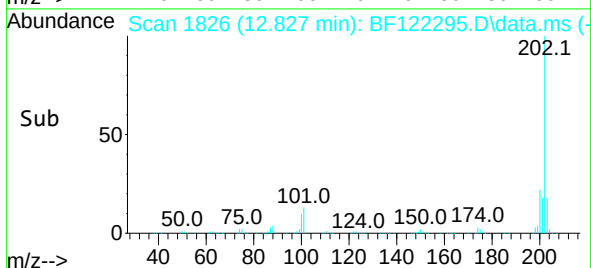
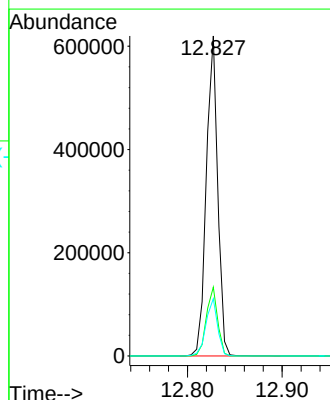
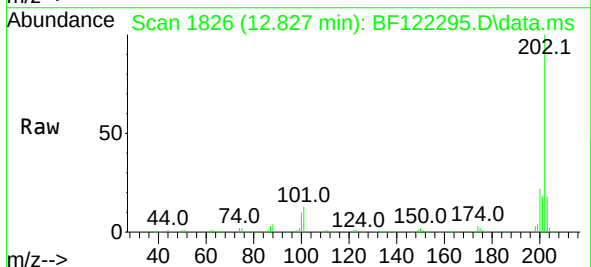
Tgt Ion:202 Resp: 515646

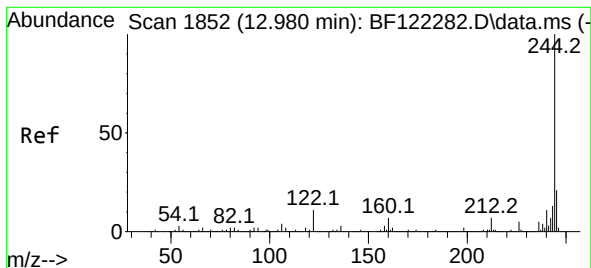
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

203 17.9 14.6 21.8

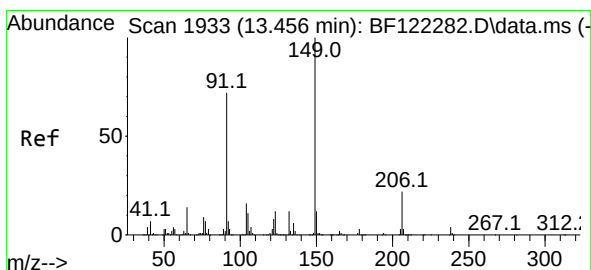
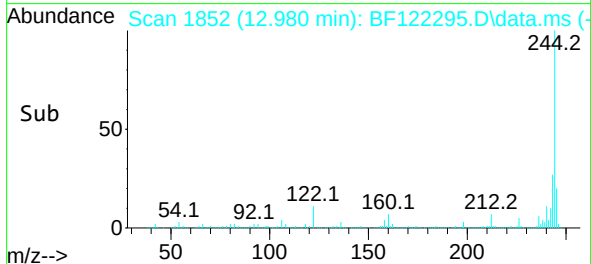
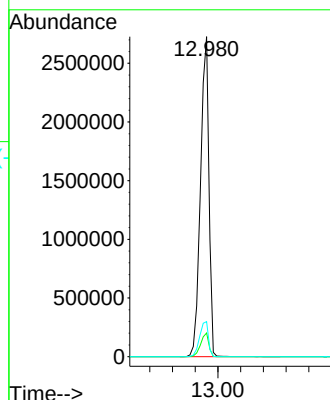
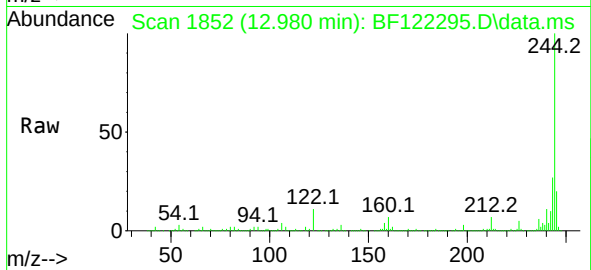




#79
 Terphenyl-d14
 Concen: 63.63 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

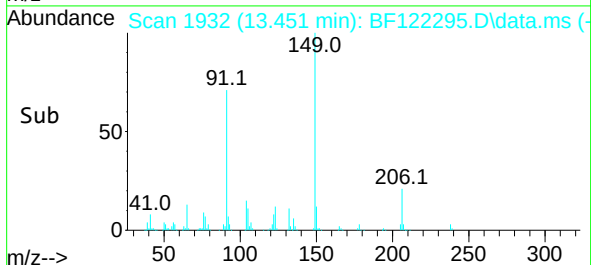
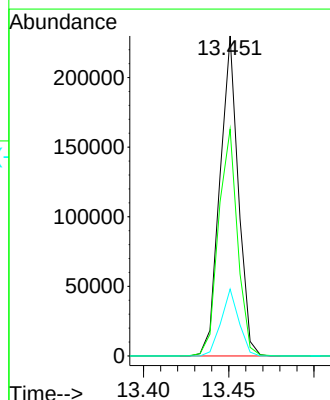
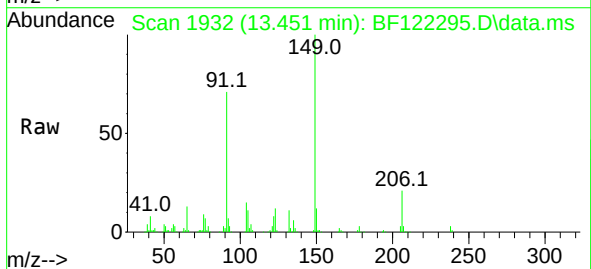
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

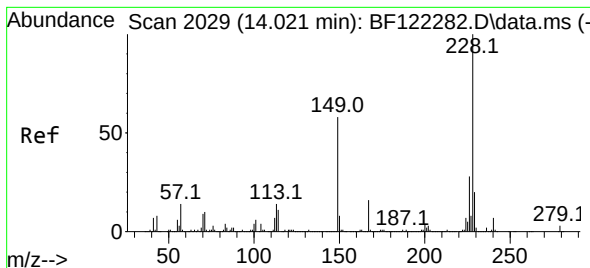
Tgt Ion:244 Resp: 2819294
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 7.28 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122295.D
 Acq: 10 Nov 2020 13:20

Tgt Ion:149 Resp: 172634
 Ion Ratio Lower Upper
 149 100
 91 70.9 61.0 91.4
 206 20.9 16.7 25.1

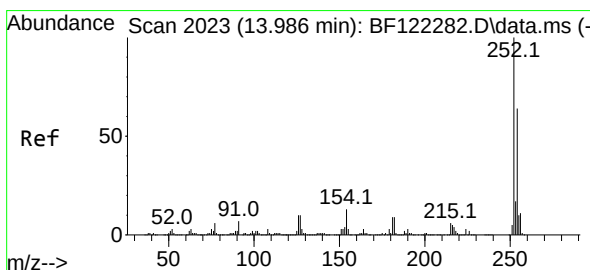
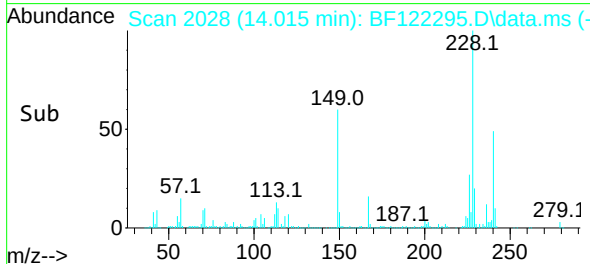
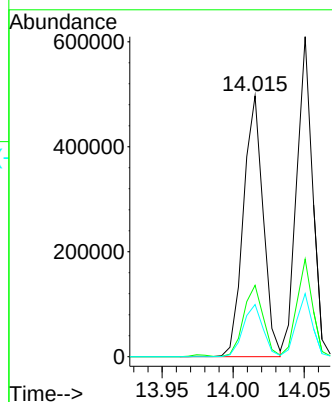
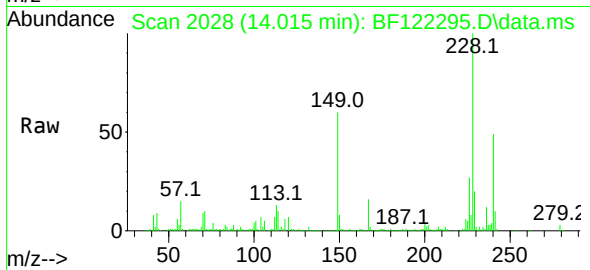




#81
Benzo(a)anthracene
Concen: 8.25 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

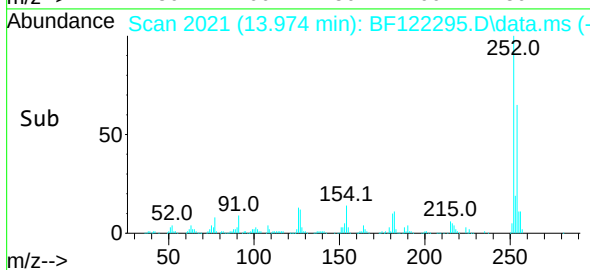
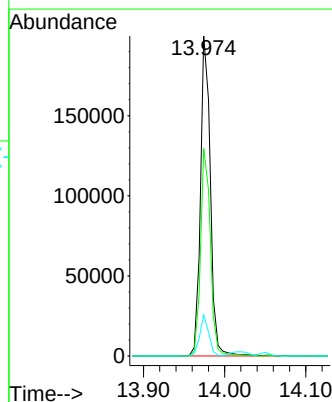
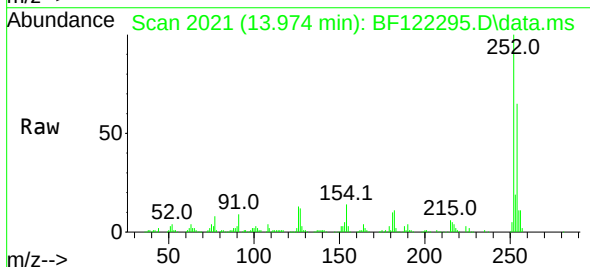
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

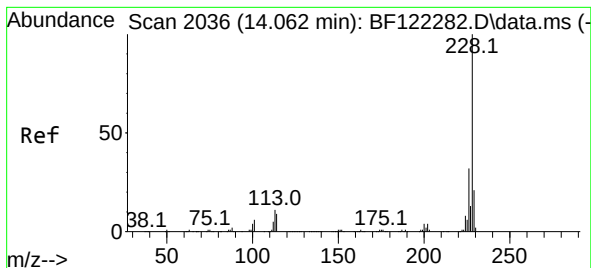
Tgt Ion:228 Resp: 481580
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.0 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 7.78 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:252 Resp: 169195
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 12.8 8.8 13.2





#83

Chrysene

Concen: 8.10 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

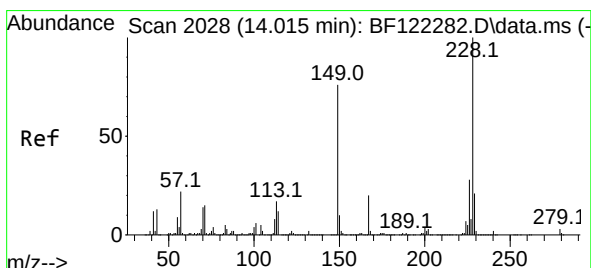
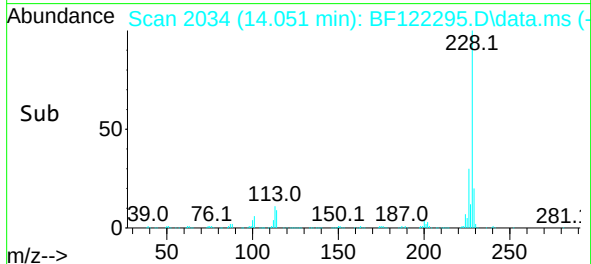
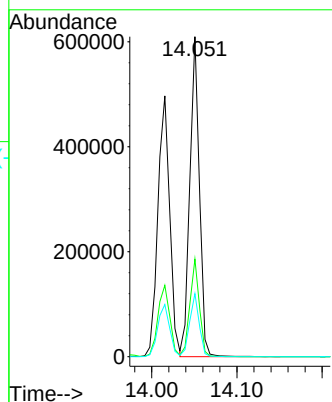
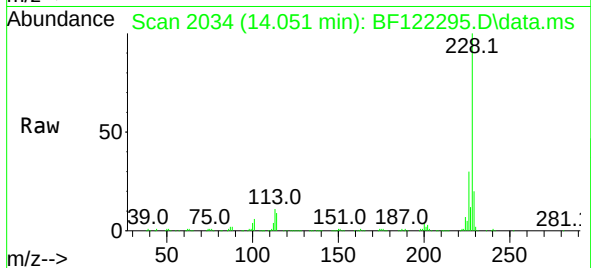
Tgt Ion:228 Resp: 476284

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.82 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

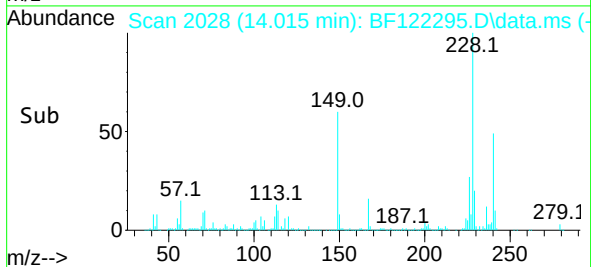
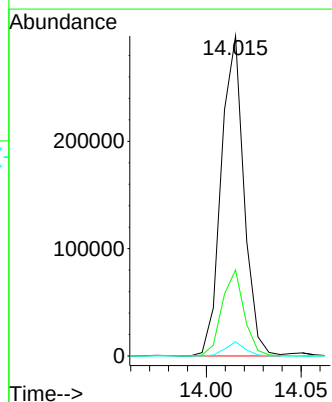
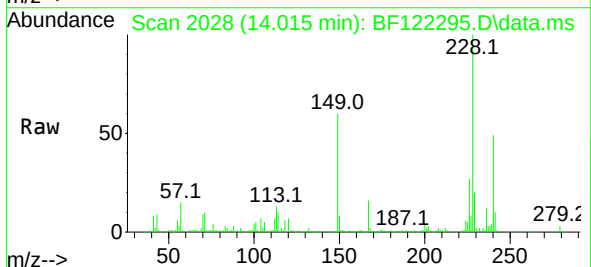
Tgt Ion:149 Resp: 248737

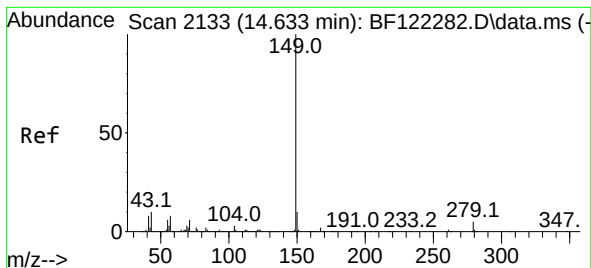
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 4.4 3.2 4.8

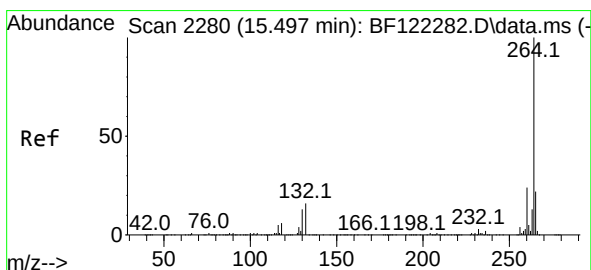
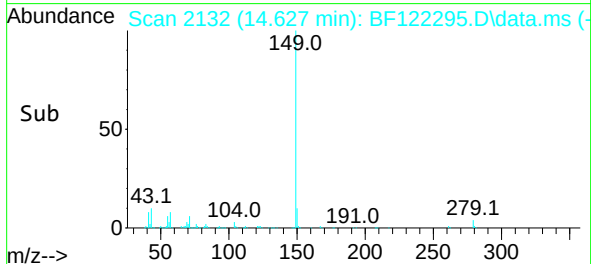
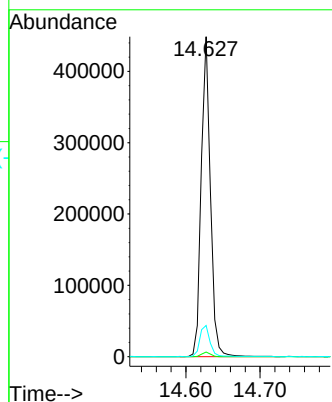
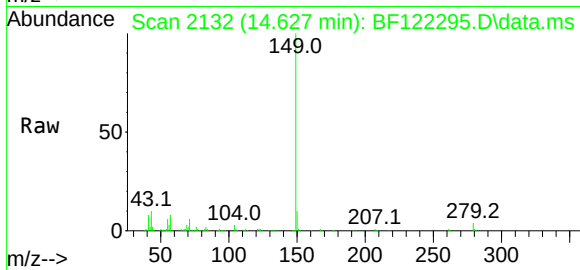




#85
Di-n-octyl phthalate
Concen: 7.14 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

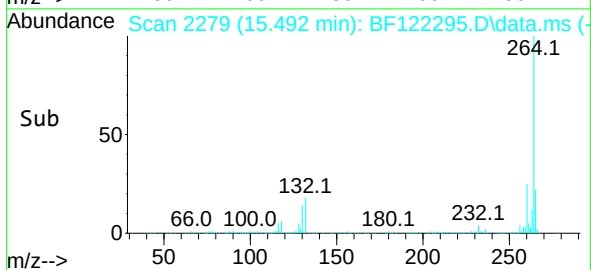
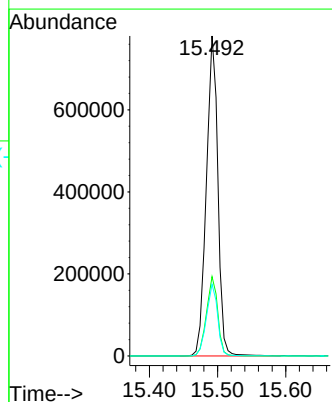
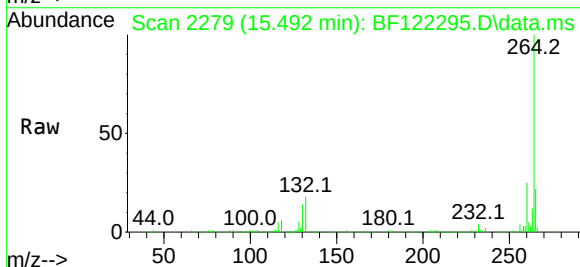
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

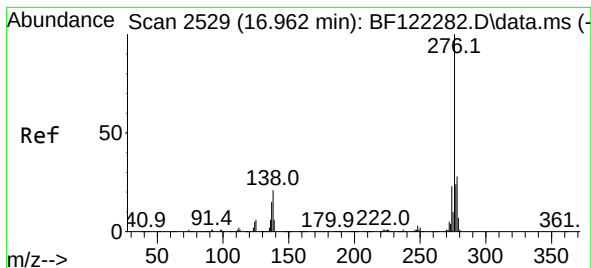
Tgt Ion:149 Resp: 384979
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.0 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:264 Resp: 916292
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 22.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.72 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.017 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

Tgt Ion:276 Resp: 424475

Ion Ratio Lower Upper

276 100

138 24.1 19.9 29.9

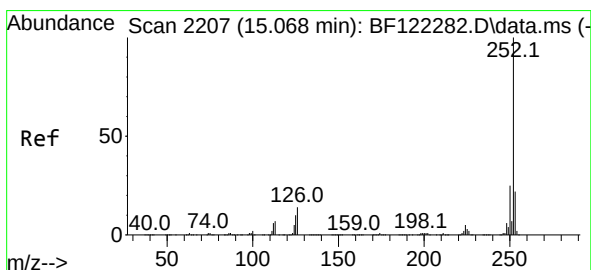
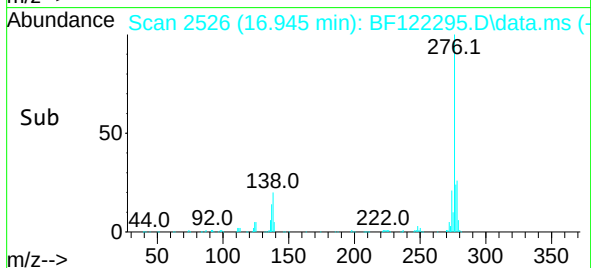
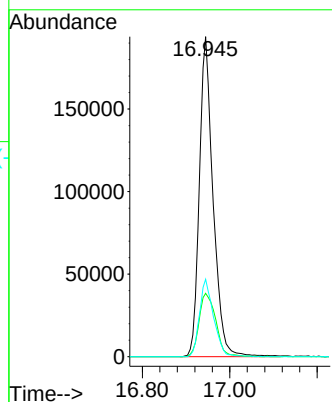
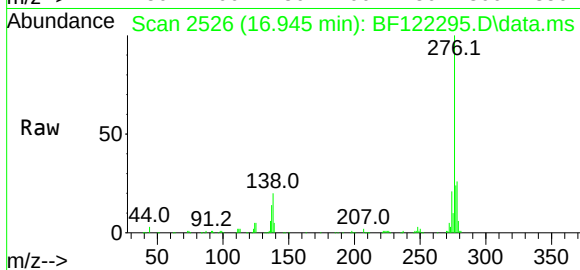
277 24.9 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 7.50 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF122295.D

Acq: 10 Nov 2020 13:20

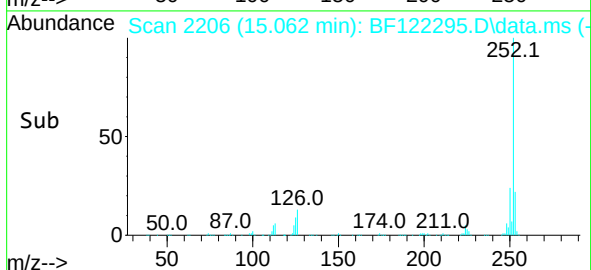
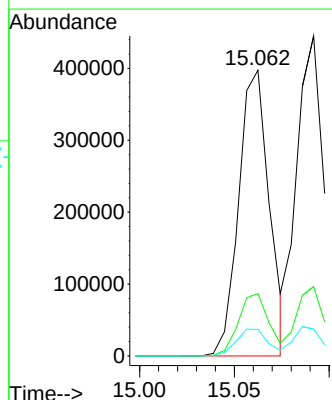
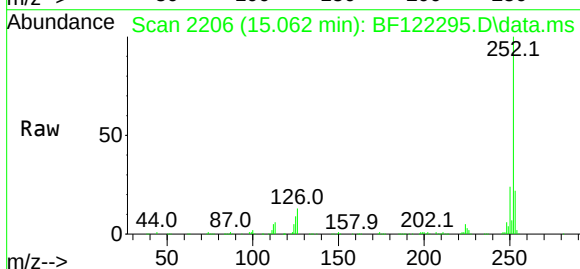
Tgt Ion:252 Resp: 445010

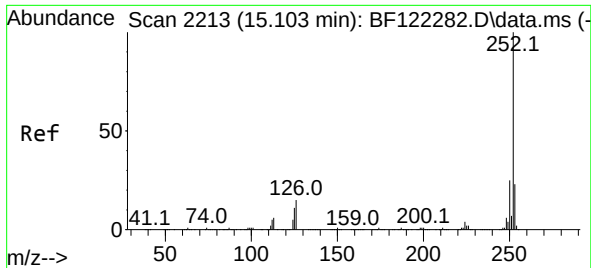
Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 9.3 8.0 12.0

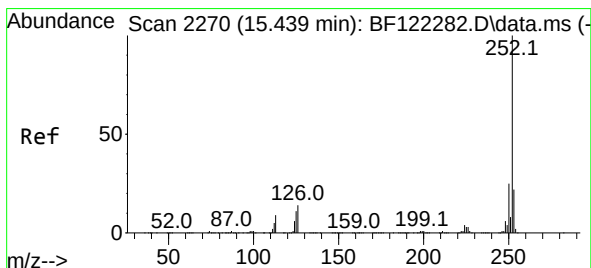
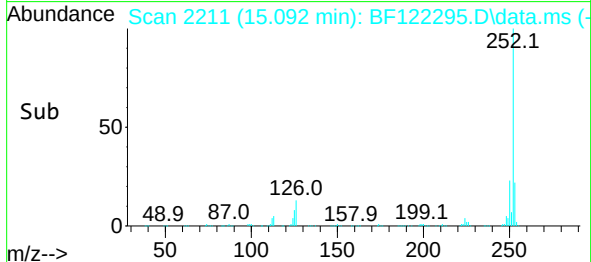
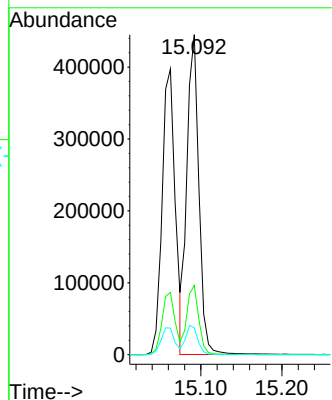
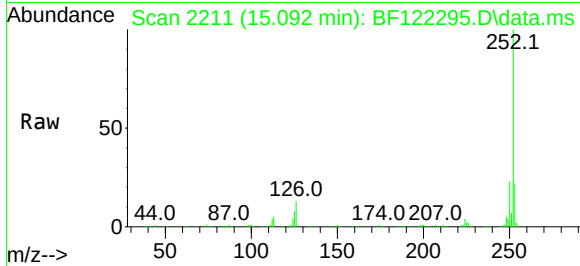




#89
Benzo(k)fluoranthene
Concen: 7.89 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

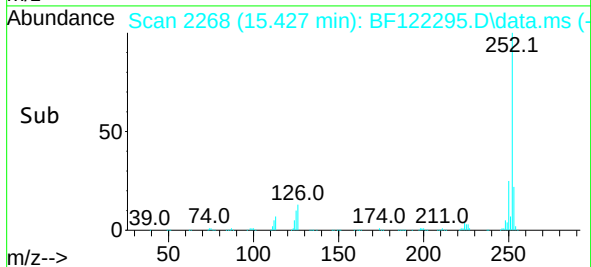
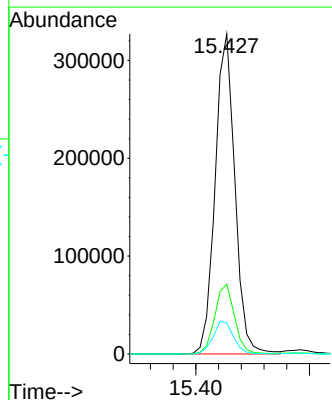
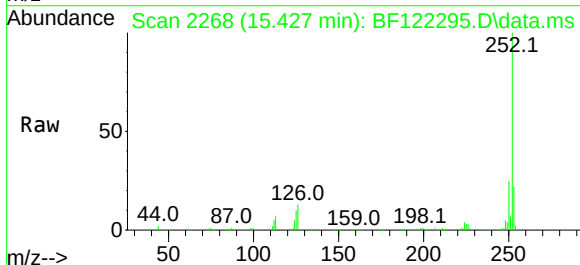
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

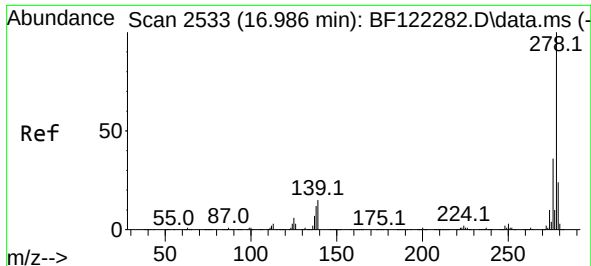
Tgt Ion:252 Resp: 456303
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 7.63 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:252 Resp: 394793
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.7 8.6 13.0

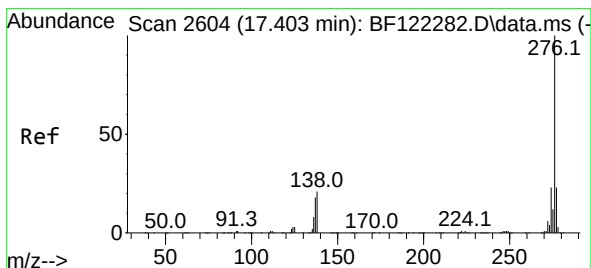
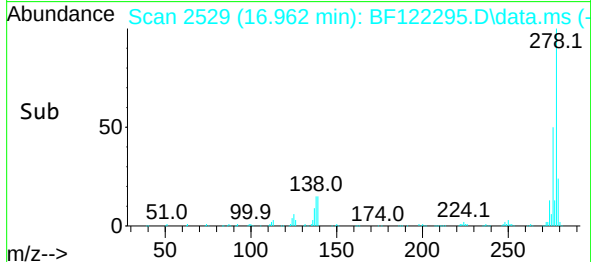
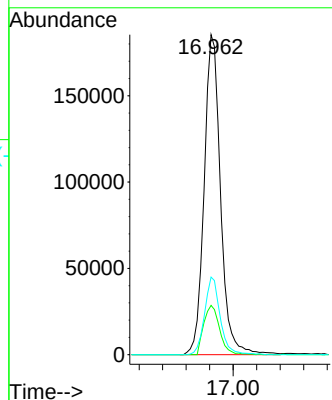
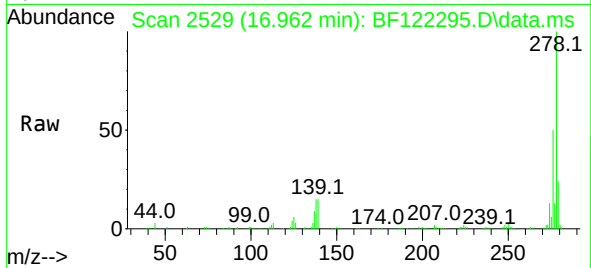




#91
Dibenzo(a,h)anthracene
Concen: 7.80 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:278 Resp: 359096
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 7.68 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF122295.D
Acq: 10 Nov 2020 13:20

Tgt Ion:276 Resp: 344007
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.2
138 21.1 17.8 26.6

