

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122294.D
 Acq On : 10 Nov 2020 12:49
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 10 13:17:49 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	6.869	152	328339	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1194413	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	628629	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1136050	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1032773	20.00	ng	0.00
86) Perylene-d12	15.492	264	1028379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2133315	99.77	ng	0.00
7) Phenol-d6	6.492	99	2740216	97.96	ng	0.00
23) Nitrobenzene-d5	7.428	82	1730328	88.69	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	742628	110.07	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2942989	73.15	ng	0.00
79) Terphenyl-d14	12.980	244	3423339	70.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	37782	3.85	ng	92
3) Pyridine	3.434	79	99689	3.70	ng	91
4) n-Nitrosodimethylamine	3.328	42	46936	3.69	ng	94
6) Aniline	6.528	93	139937	3.81	ng	97
8) 2-Chlorophenol	6.651	128	87367	3.94	ng	89
9) Benzaldehyde	6.410	77	76041	4.82	ng	100
10) Phenol	6.498	94	111173	4.04	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	86666	3.96	ng	95
12) 1,3-Dichlorobenzene	6.804	146	101463	4.03	ng	98
13) 1,4-Dichlorobenzene	6.881	146	100861	3.99	ng	99
14) 1,2-Dichlorobenzene	7.040	146	93986	3.98	ng	99
15) Benzyl Alcohol	6.998	79	65900	3.31	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	123016	3.85	ng	97
17) 2-Methylphenol	7.104	107	71944	3.89	ng	100
18) Hexachloroethane	7.381	117	33590	3.81	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	65332	3.91	ng	99
20) 3+4-Methylphenols	7.257	107	91373	4.01	ng	# 69
22) Acetophenone	7.269	105	129759	4.17	ng	# 86
24) Nitrobenzene	7.445	77	100984	4.52	ng	97
25) Isophorone	7.681	82	169274	3.89	ng	99
26) 2-Nitrophenol	7.763	139	27417	3.64	ng	98
27) 2,4-Dimethylphenol	7.792	122	85484	4.17	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	104005	3.91	ng	99
29) 2,4-Dichlorophenol	7.998	162	67116	3.70	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	79251	3.95	ng	96
31) Naphthalene	8.169	128	262163	4.13	ng	99
32) Benzoic acid	7.834	122	19040	2.06	ng	93
33) 4-Chloroaniline	8.210	127	109643	3.96	ng	99
34) Hexachlorobutadiene	8.292	225	45233	3.93	ng	97
35) Caprolactam	8.534	113	20813	3.62	ng	94
36) 4-Chloro-3-methylphenol	8.681	107	71443	3.77	ng	97
37) 2-Methylnaphthalene	8.863	142	172476	4.11	ng	98
38) 1-Methylnaphthalene	8.963	142	161818	4.12	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	80745	4.17	ng	98
41) Hexachlorocyclopentadiene	9.022	237	41334	3.65	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	46172	3.67	ng	100

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 ALS Vial : 7 Sample Multiplier: 1

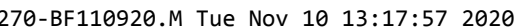
Instrument :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	48142	3.65	ng	97
46) 1,1'-Biphenyl	9.328	154	215934	4.32	ng	95
47) 2-Chloronaphthalene	9.351	162	165120	4.16	ng	97
48) 2-Nitroaniline	9.433	65	36674	3.76	ng	92
49) Acenaphthylene	9.763	152	248863	4.08	ng	99
50) Dimethylphthalate	9.616	163	178228	3.99	ng	99
51) 2,6-Dinitrotoluene	9.675	165	33012	3.82	ng	95
52) Acenaphthene	9.933	154	155849	4.13	ng	99
53) 3-Nitroaniline	9.839	138	36713	3.68	ng	# 90
55) Dibenzofuran	10.104	168	230354	4.16	ng	99
56) 4-Nitrophenol	9.986	139	26221	3.08	ng	88
57) 2,4-Dinitrotoluene	10.075	165	36422	3.49	ng	95
58) Fluorene	10.451	166	182113	4.30	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	37623	3.43	ng	92
60) Diethylphthalate	10.322	149	176460	4.03	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	85482	4.27	ng	99
62) 4-Nitroaniline	10.445	138	35709	3.63	ng	91
63) Azobenzene	10.604	77	183865	4.00	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	8689	2.01	ng	84
66) n-Nitrosodiphenylamine	10.557	169	155644	4.02	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	52477	3.93	ng	98
68) Hexachlorobenzene	10.998	284	59214	4.11	ng	99
69) Atrazine	11.080	200	42481	4.41	ng	97
70) Pentachlorophenol	11.186	266	24928	3.00	ng	98
71) Phenanthrene	11.410	178	272102	4.22	ng	99
72) Anthracene	11.463	178	276741	4.17	ng	97
73) Carbazole	11.610	167	245781	4.07	ng	98
74) Di-n-butylphthalate	11.951	149	244917	3.80	ng	99
75) Fluoranthene	12.598	202	269851	4.01	ng	97
77) Benzidine	12.716	184	119783	4.18	ng	# 96
78) Pyrene	12.827	202	288230	3.97	ng	98
80) Butylbenzylphthalate	13.451	149	79933	3.06	ng	97
81) Benzo(a)anthracene	14.016	228	266532	4.15	ng	97
82) 3,3'-Dichlorobenzidine	13.974	252	86837	3.63	ng	99
83) Chrysene	14.051	228	267824	4.14	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	126072	3.60	ng	99
85) Di-n-octyl phthalate	14.627	149	175666	2.96	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	228036	3.70	ng	99
88) Benzo(b)fluoranthene	15.057	252	245921	3.69	ng	98
89) Benzo(k)fluoranthene	15.086	252	241162	3.71	ng	99
90) Benzo(a)pyrene	15.421	252	209123	3.60	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	192615	3.73	ng	98
92) Benzo(g,h,i)perylene	17.380	276	187111	3.72	ng	96

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

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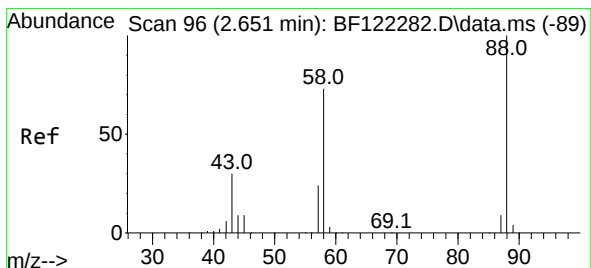
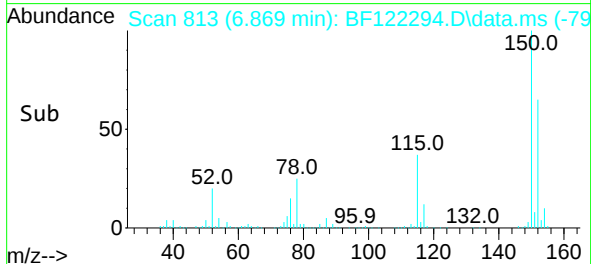
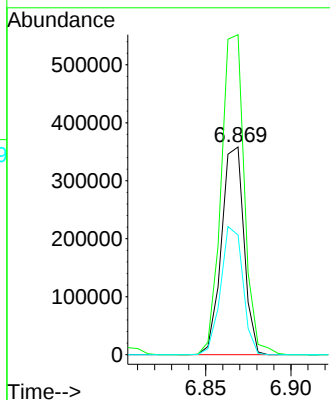
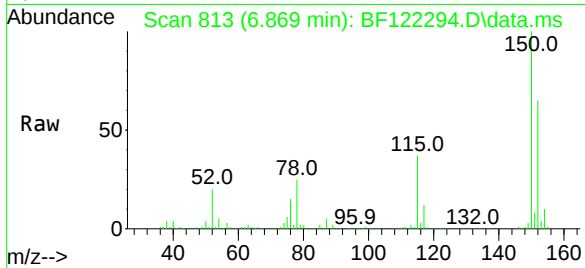




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

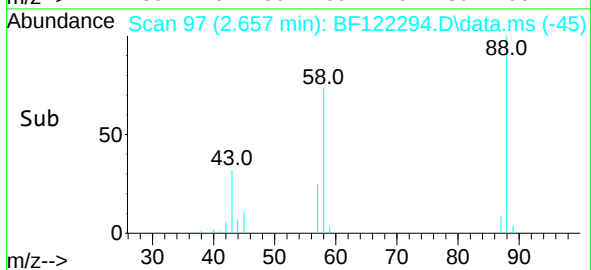
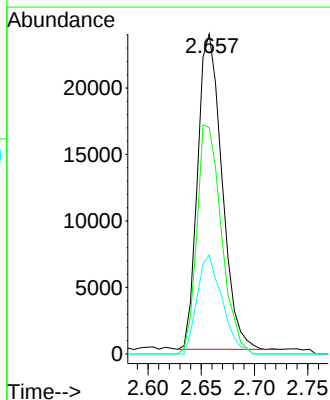
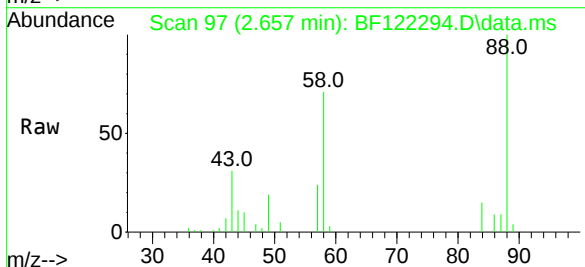
Instrument :
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 LOQ-SOIL-02-QT4-2020

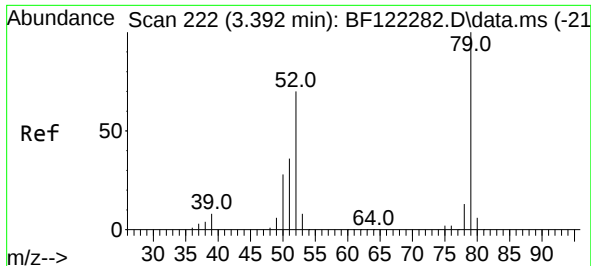
Tgt Ion:152 Resp: 328339
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 57.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 3.85 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

Tgt Ion: 88 Resp: 37782
 Ion Ratio Lower Upper
 88 100
 58 72.9 65.8 98.8
 43 32.3 25.8 38.8

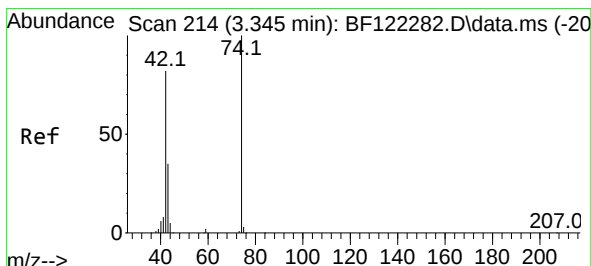
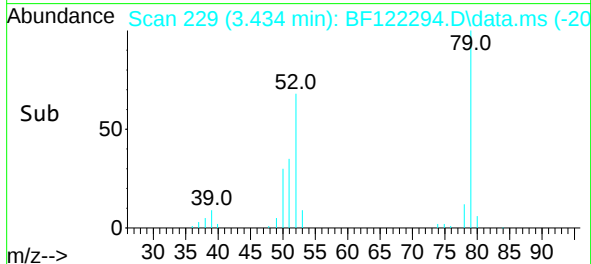
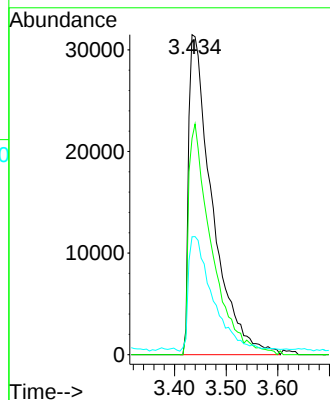
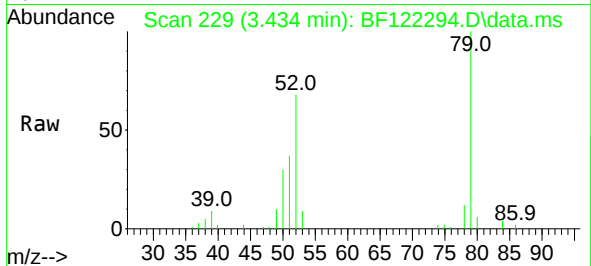




#3
Pyridine
Concen: 3.70 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.042 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

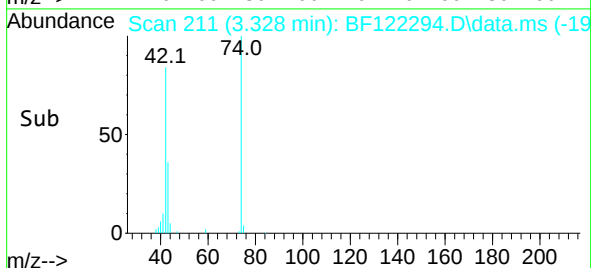
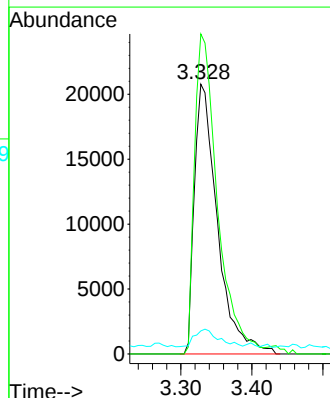
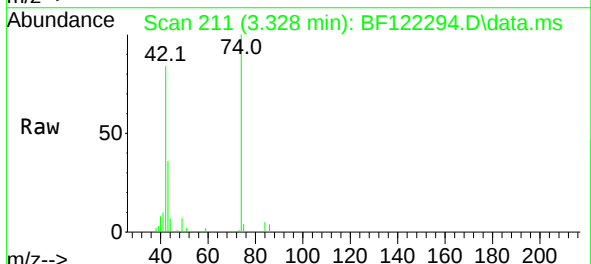
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

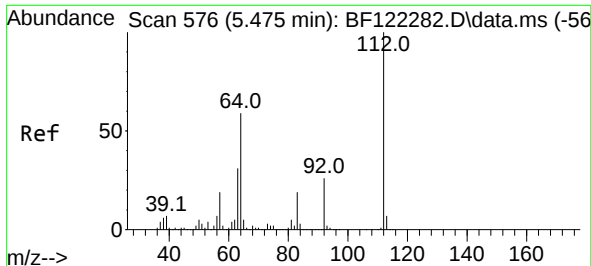
Tgt Ion: 79	Resp: 99689
Ion Ratio	Lower Upper
79 100	
52 67.6	62.2 93.4
51 36.8	31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 3.69 ng
RT: 3.328 min Scan# 211
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 42	Resp: 46936
Ion Ratio	Lower Upper
42 100	
74 118.6	100.2 150.2
44 8.5	5.8 8.6

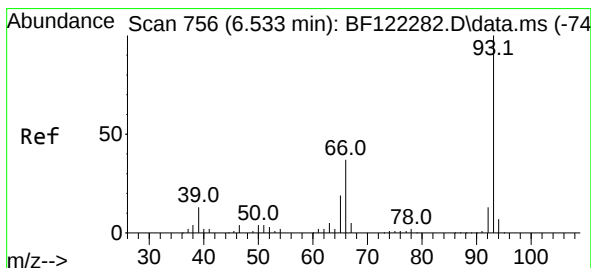
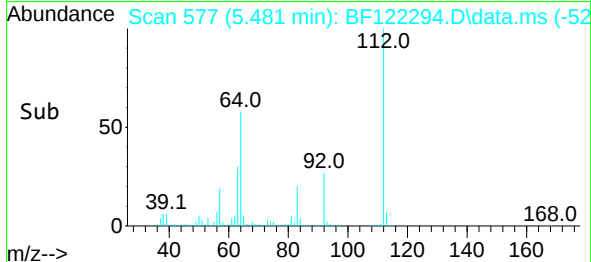
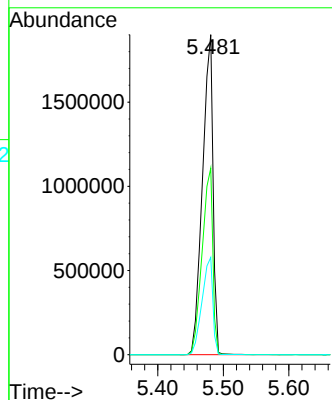
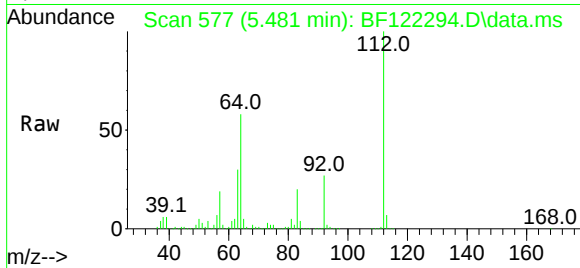




#5
2-Fluorophenol
Concen: 99.77 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

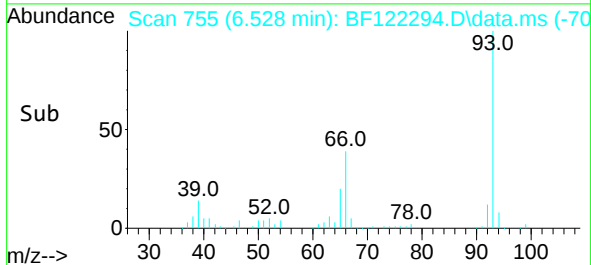
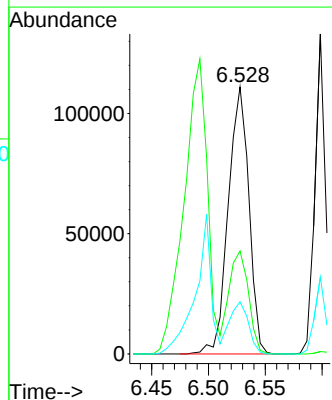
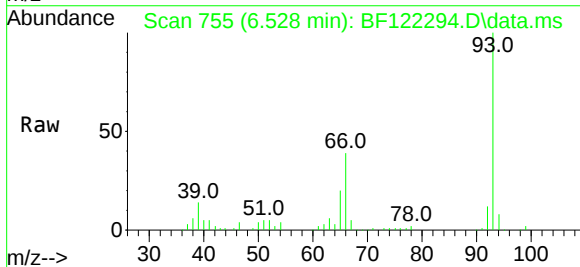
Instrument :
BNA_F
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LOQ-SOIL-02-QT4-2020

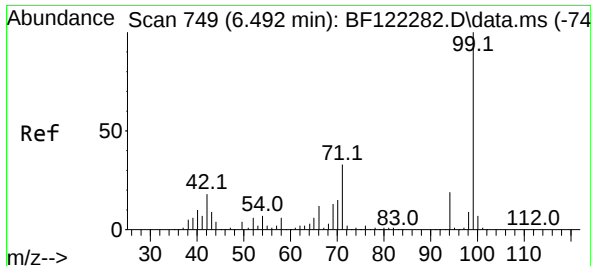
Tgt Ion:112 Resp: 2133315
Ion Ratio Lower Upper
112 100
64 58.3 50.4 75.6
63 30.4 25.8 38.6



#6
Aniline
Concen: 3.81 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 93 Resp: 139937
Ion Ratio Lower Upper
93 100
66 38.6 32.7 49.1
65 19.5 16.6 24.8

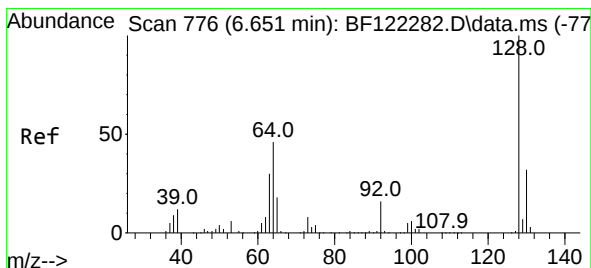
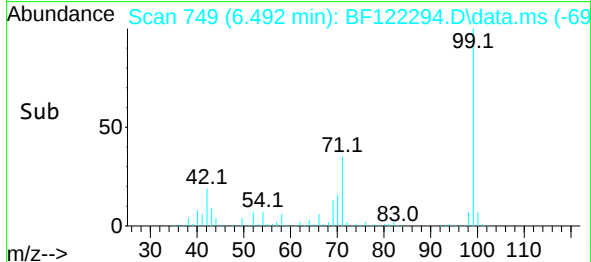
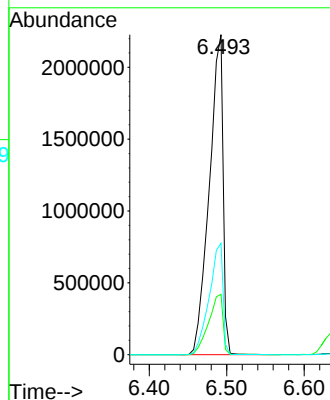
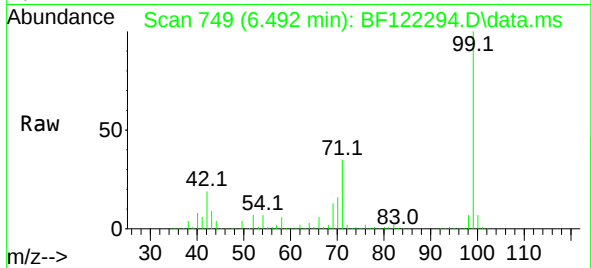




#7
Phenol-d6
Concen: 97.96 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

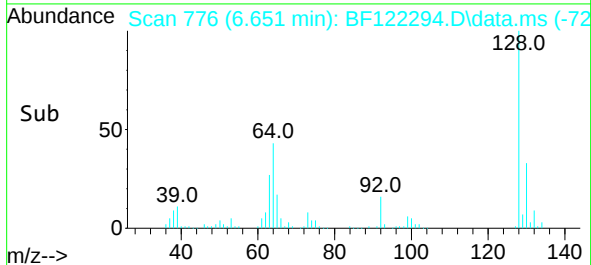
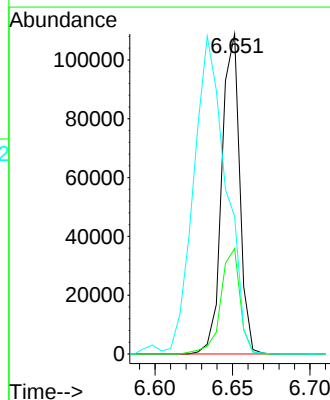
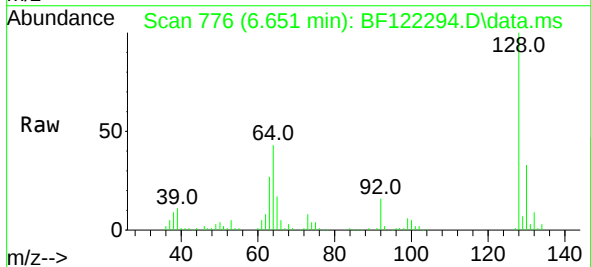
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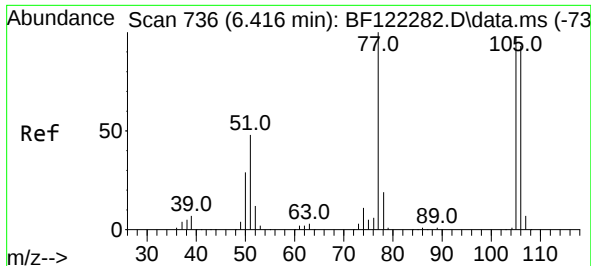
Tgt Ion: 99 Resp: 2740216
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 34.8 27.1 40.7



#8
2-Chlorophenol
Concen: 3.94 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:128 Resp: 87367
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 43.0 34.8 74.8

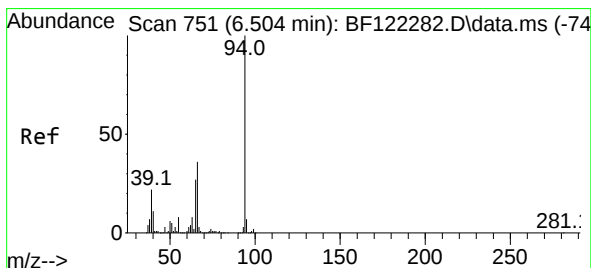
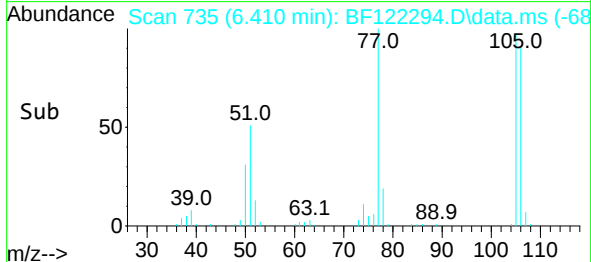
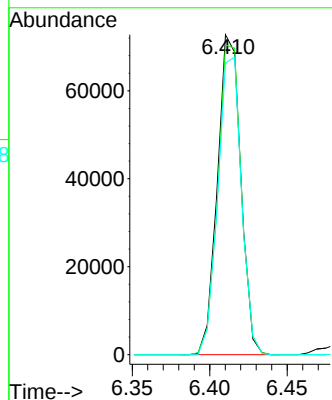
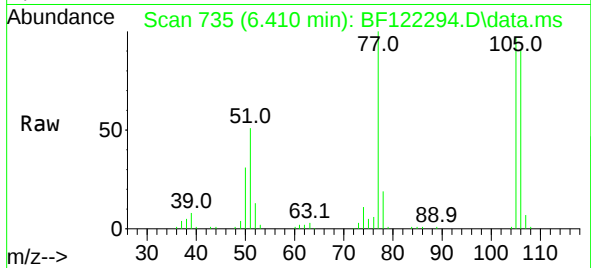




#9
Benzaldehyde
Concen: 4.82 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

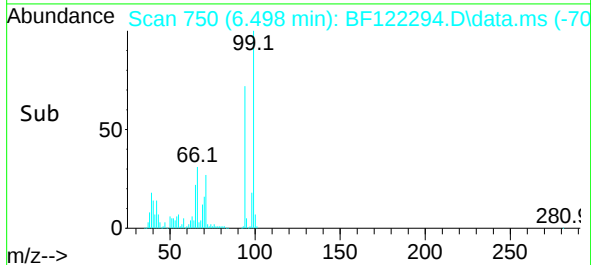
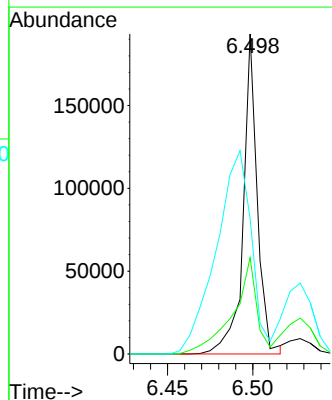
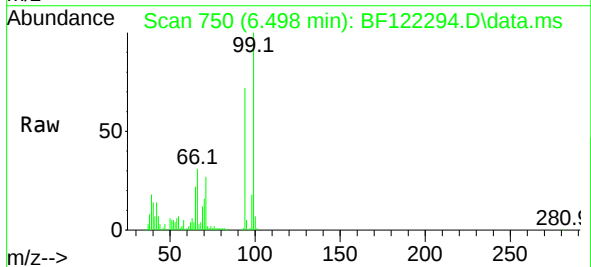
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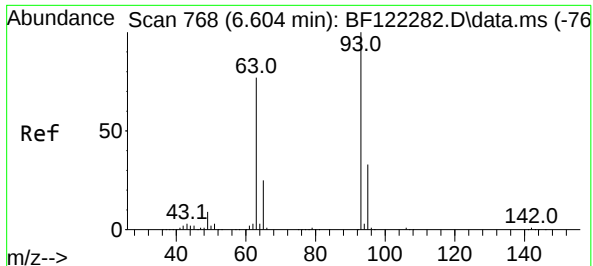
Tgt Ion:	77	Resp:	76041
Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.7	116.7
106	91.2	71.3	111.3



#10
Phenol
Concen: 4.04 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	94	Resp:	111173
Ion	Ratio	Lower	Upper
94	100		
65	30.1	17.1	57.1
66	42.3	36.0	76.0

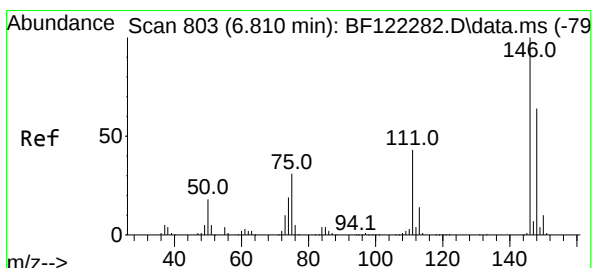
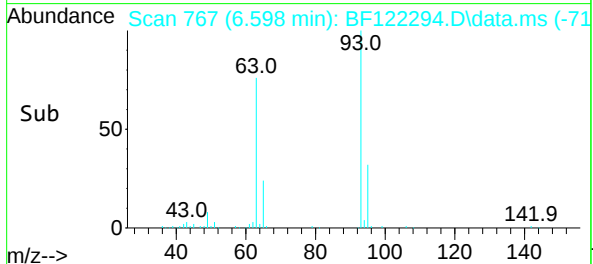
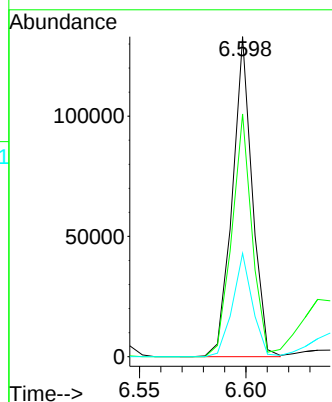
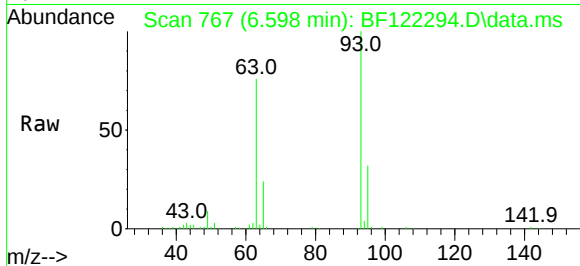




#11
bis(2-Chloroethyl)ether
Concen: 3.96 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

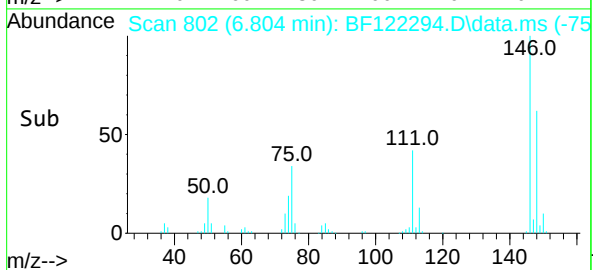
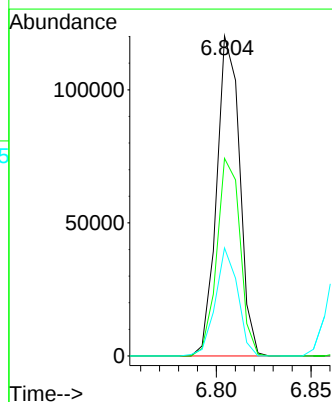
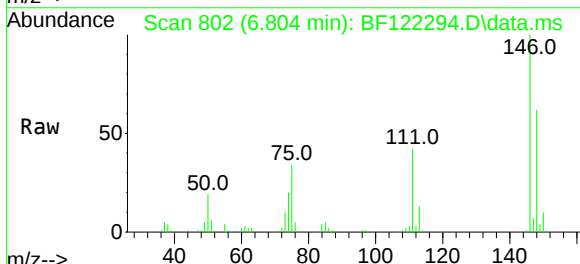
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

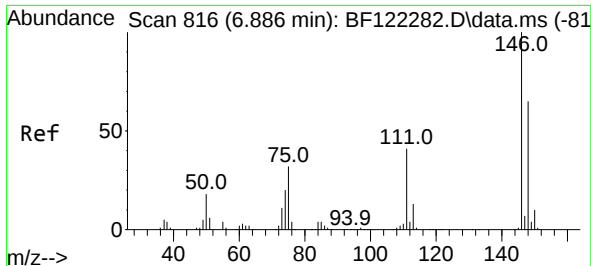
Tgt Ion:	93	Resp:	86666
Ion Ratio	Lower	Upper	
93	100		
63	75.9	62.4	102.4
95	32.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 4.03 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	146	Resp:	101463
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.0	76.4
75	33.8	27.6	41.4

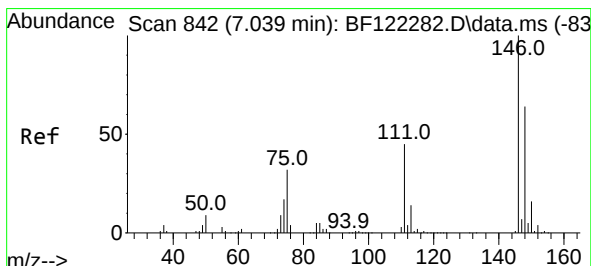
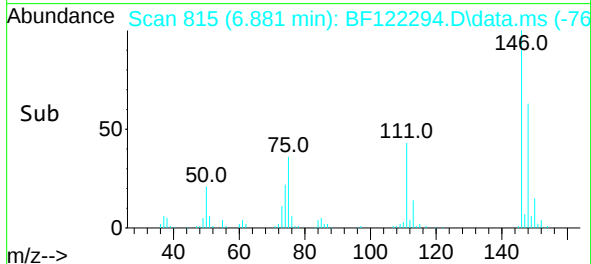
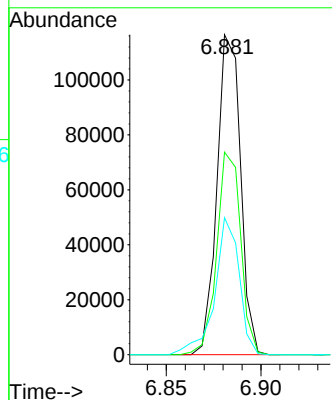
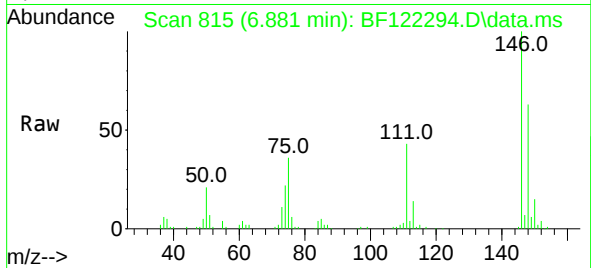




#13
1,4-Dichlorobenzene
Concen: 3.99 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

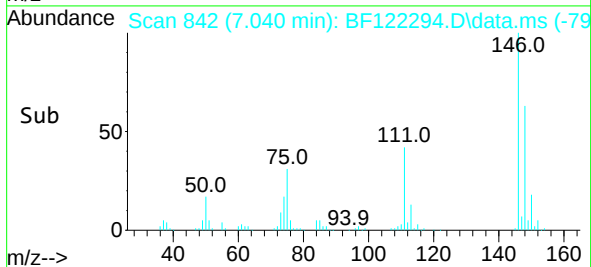
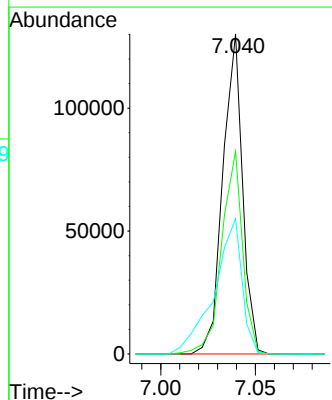
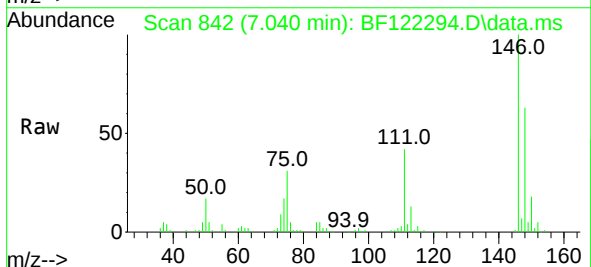
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

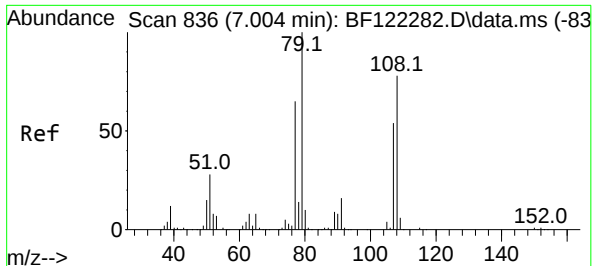
Tgt Ion:146 Resp: 100861
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 42.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 3.98 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:146 Resp: 93986
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 42.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion: 79 Resp: 65900

Ion Ratio Lower Upper

79 100

108 77.6 62.3 93.5

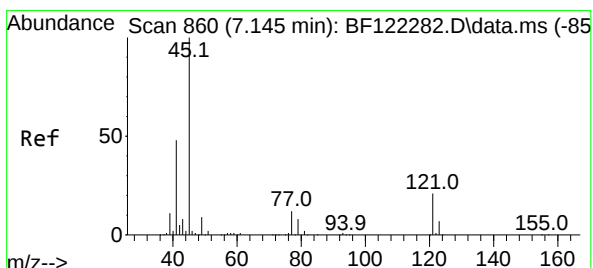
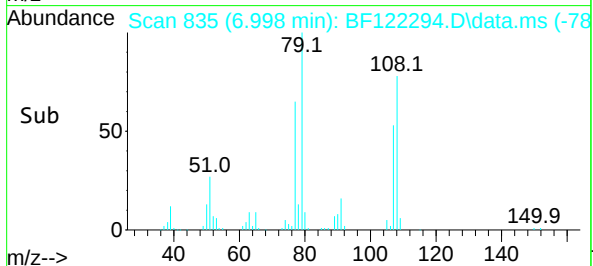
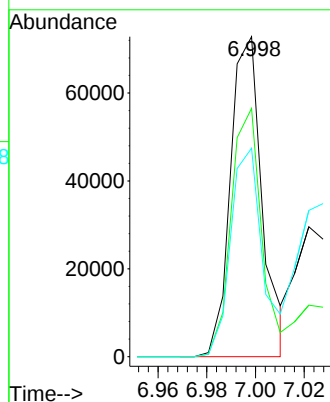
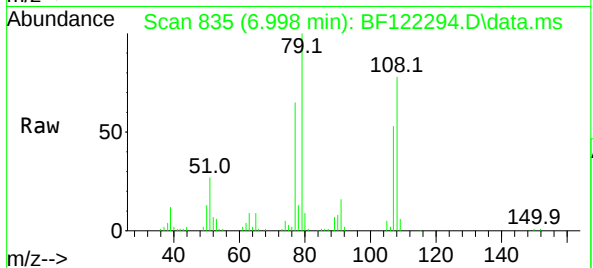
77 65.2 50.6 75.8

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.85 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

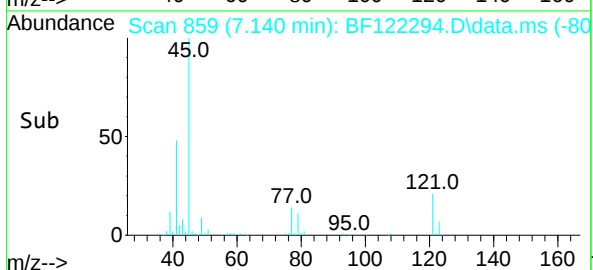
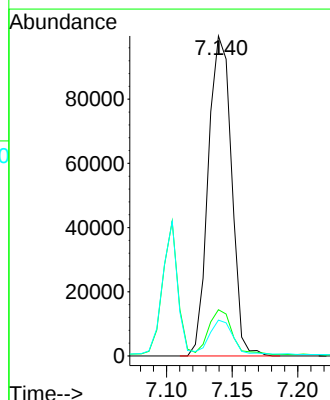
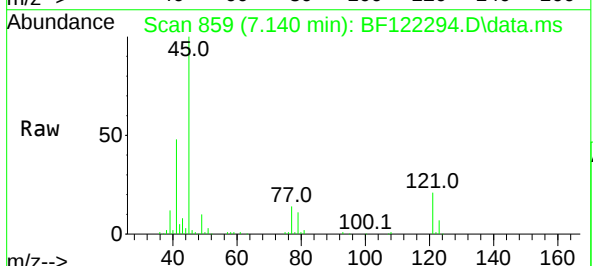
Tgt Ion: 45 Resp: 123016

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.3

79 11.2 0.0 30.4

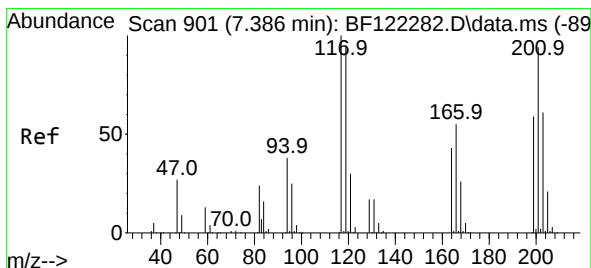
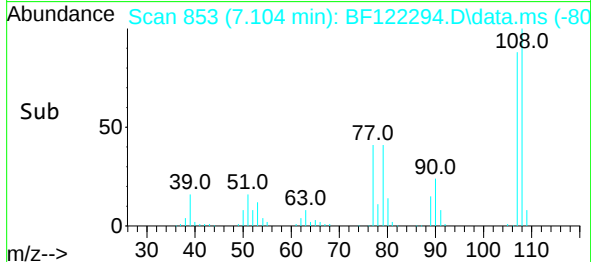
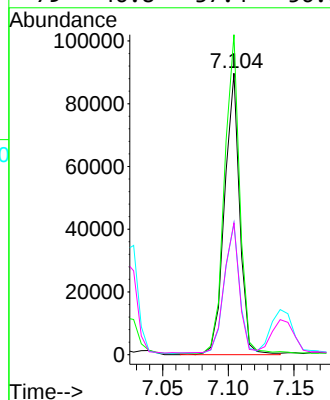
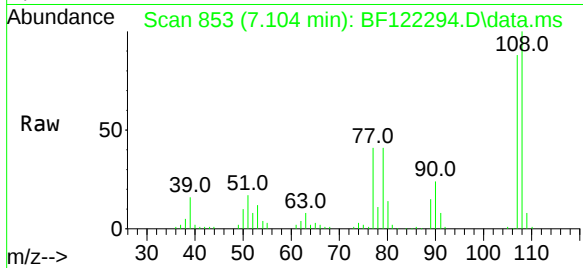




#17
2-Methylphenol
Concen: 3.89 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

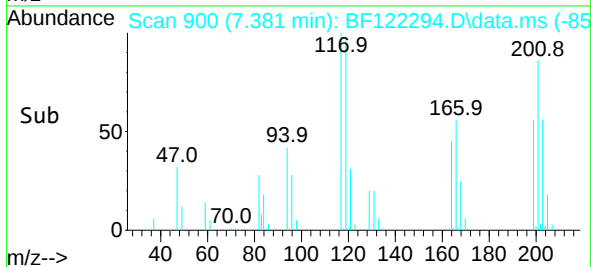
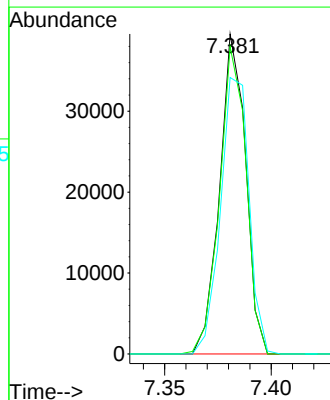
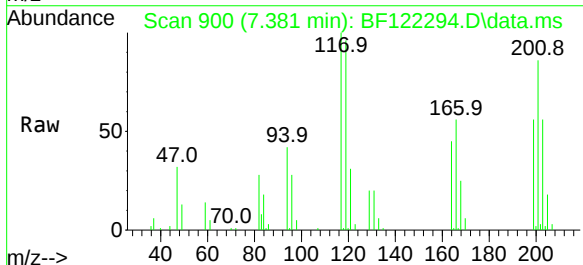
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

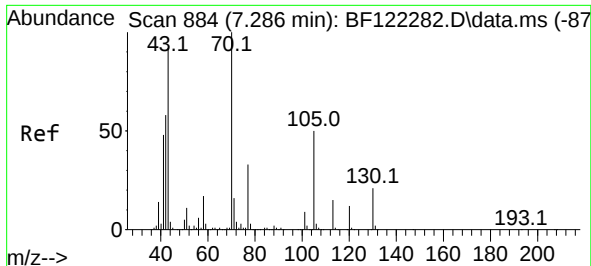
Tgt Ion:	107	Resp:	71944
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.9	136.3
77	46.8	37.5	56.3
79	46.8	37.4	56.0



#18
Hexachloroethane
Concen: 3.81 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

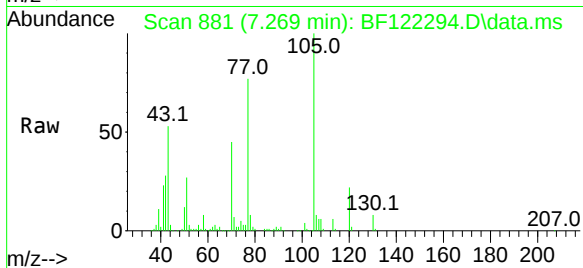
Tgt Ion:	117	Resp:	33590
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	86.4	71.8	107.6



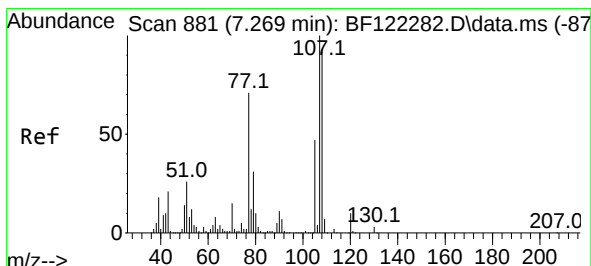
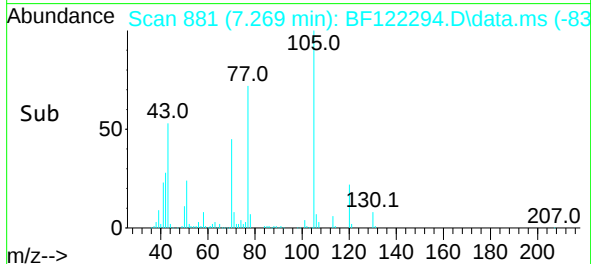
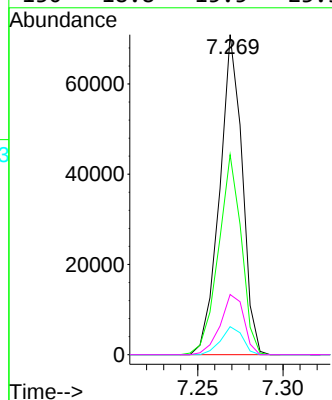


#19
n-Nitroso-di-n-propylamine
Concen: 3.91 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

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

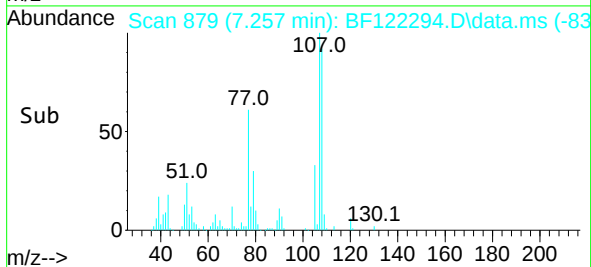
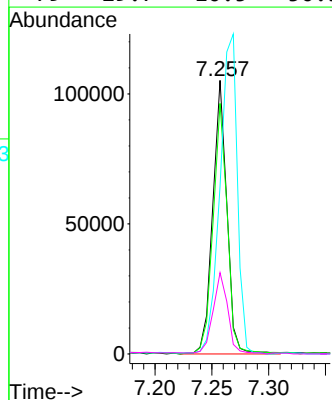
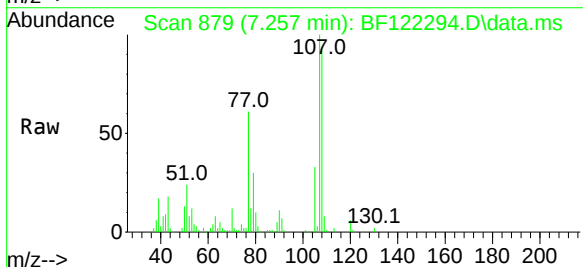


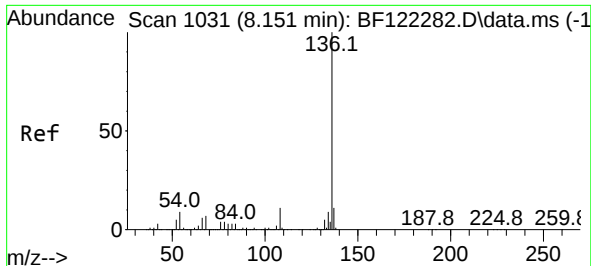
Tgt Ion:	70	Resp:	65332
Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	8.7	7.5	11.3
130	18.8	15.5	23.3



#20
3+4-Methylphenols
Concen: 4.01 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

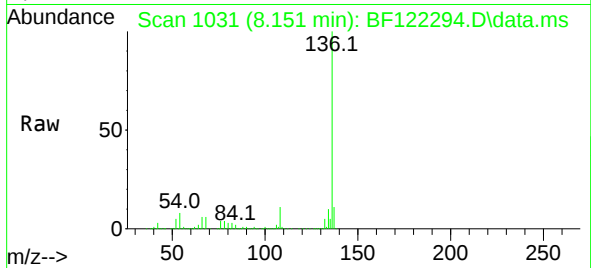
Tgt Ion:	107	Resp:	91373
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.9	108.9
77	61.2	108.0	148.0#
79	29.7	10.5	50.5





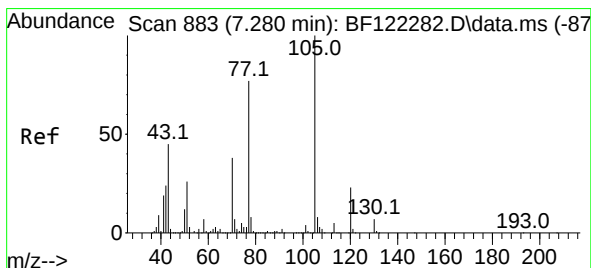
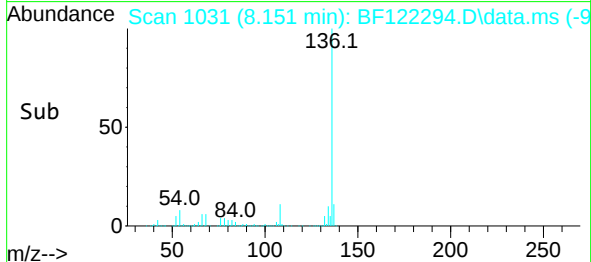
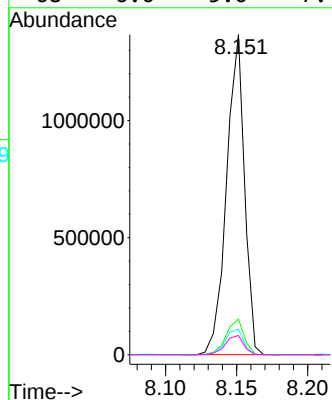
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

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



Tgt Ion:136 Resp: 1194413

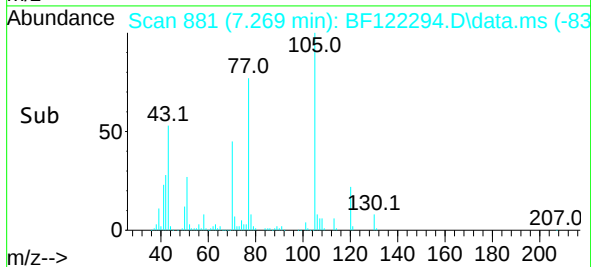
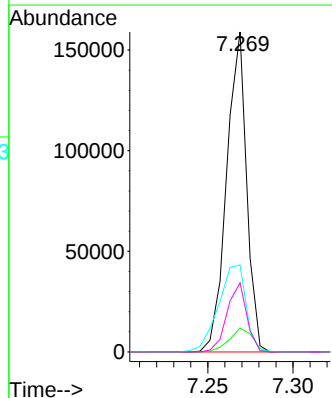
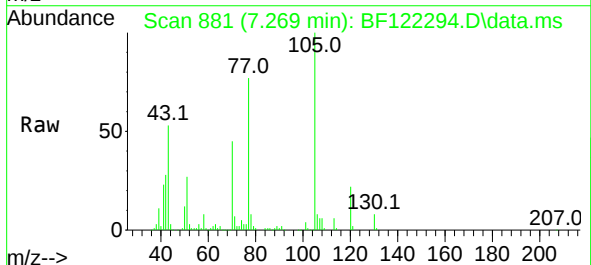
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.0	7.1	10.7
68	6.0	5.0	7.4

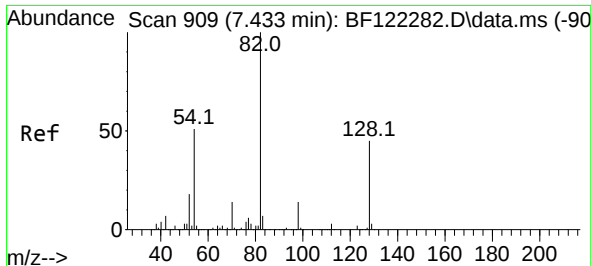


#22
Acetophenone
Concen: 4.17 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:105 Resp: 129759

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.3	7.9
51	27.2	33.2	49.8#
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 88.69 ng

RT: 7.428 min Scan# 908

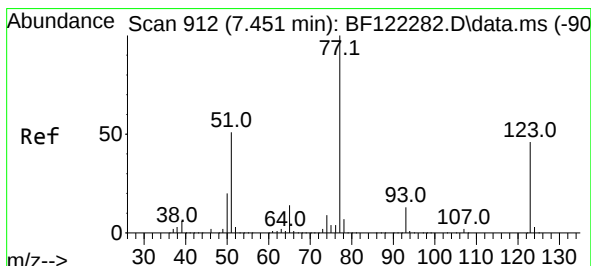
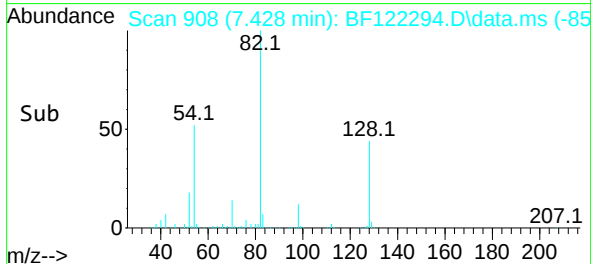
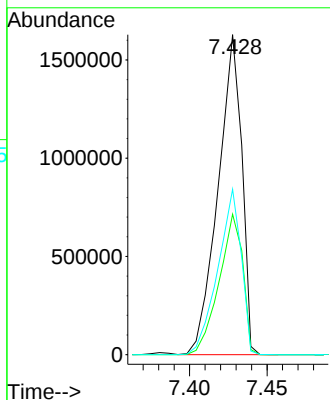
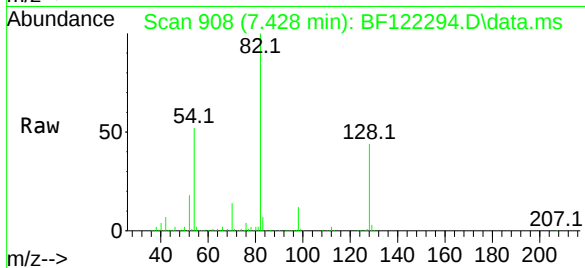
Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion: 82 Resp: 1730328

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.4
54	51.7	43.9	65.9



#24

Nitrobenzene

Concen: 4.52 ng

RT: 7.445 min Scan# 911

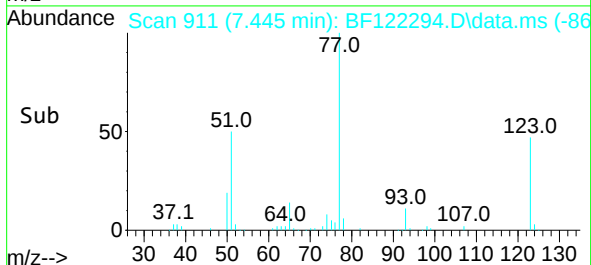
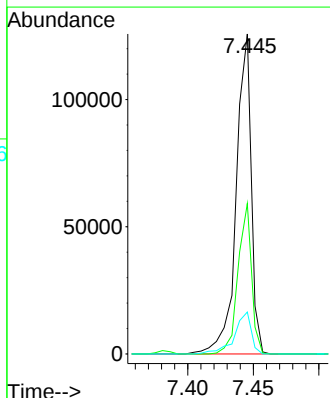
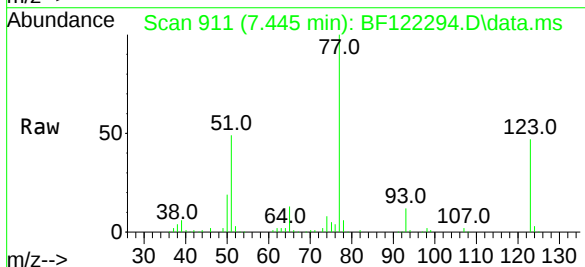
Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion: 77 Resp: 100984

Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.6	53.4
65	13.1	11.2	16.8

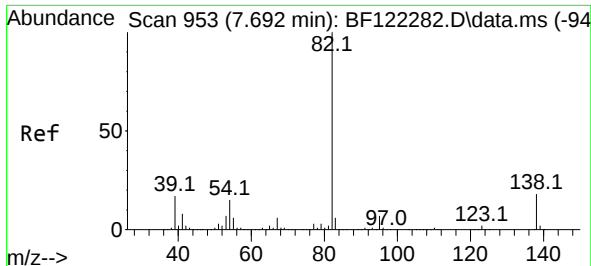


Instrument :

BNA_F

ClientSampleId :

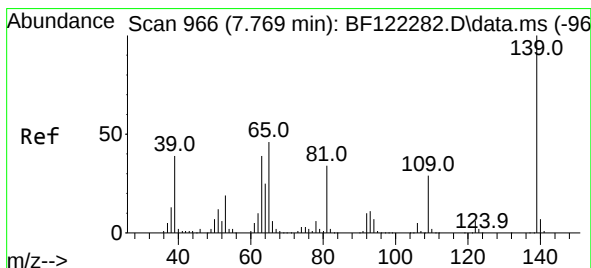
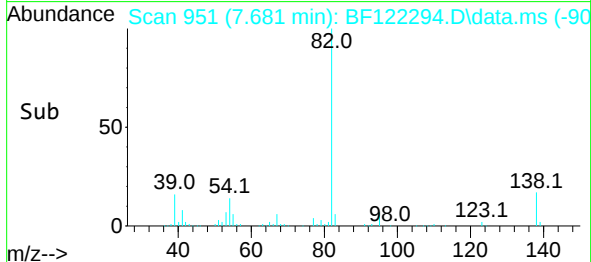
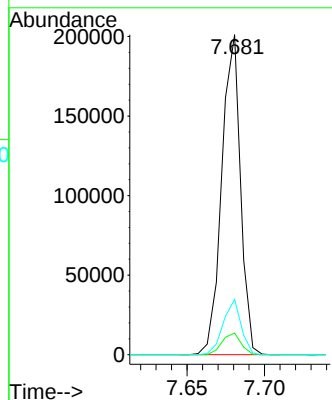
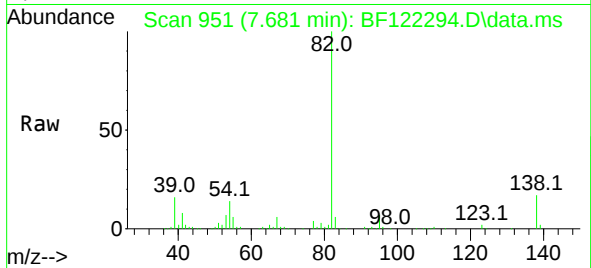
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#25
Isophorone
Concen: 3.89 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

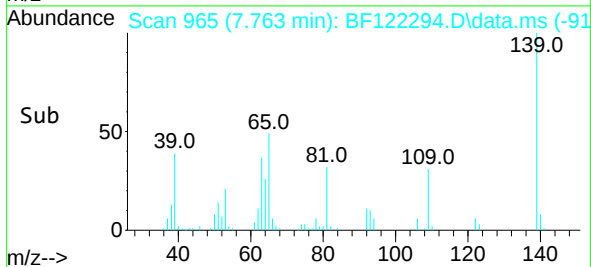
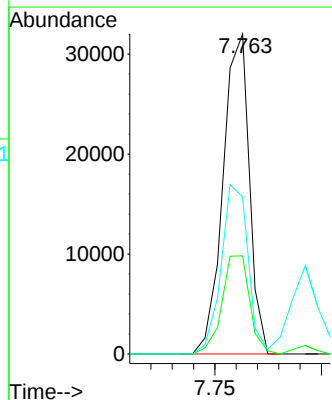
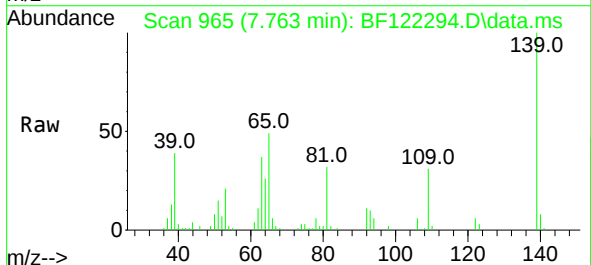
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

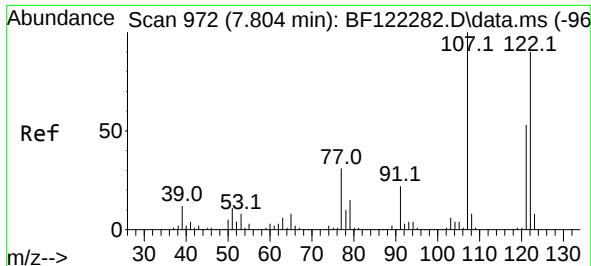
Tgt Ion: 82 Resp: 169274
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.3 13.4 20.0



#26
2-Nitrophenol
Concen: 3.64 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 139 Resp: 27417
Ion Ratio Lower Upper
139 100
109 30.7 23.0 34.4
65 49.0 39.9 59.9

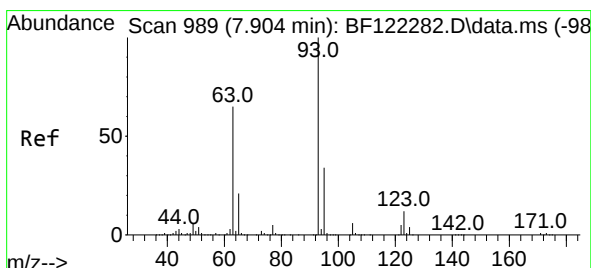
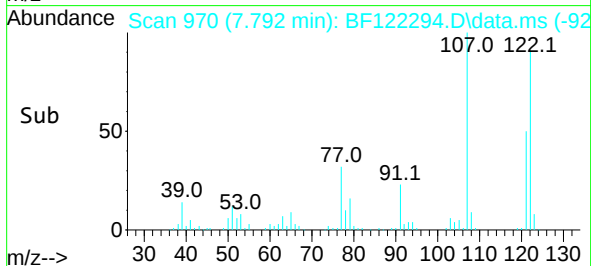
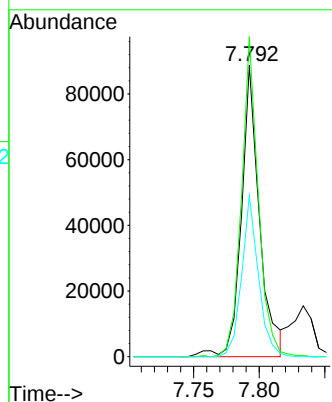
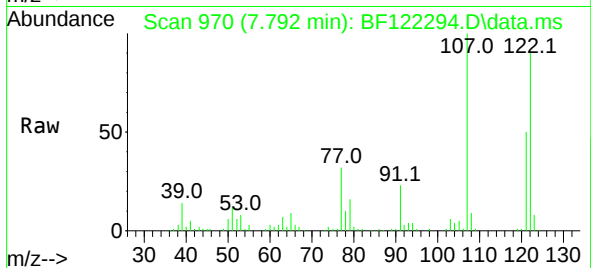




#27
2,4-Dimethylphenol
Concen: 4.17 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

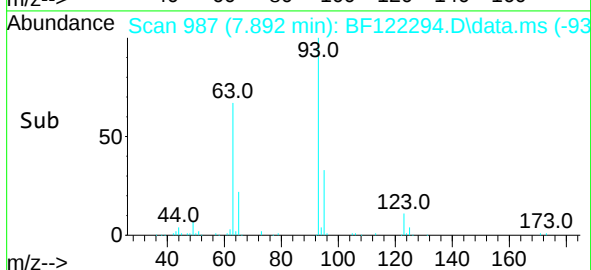
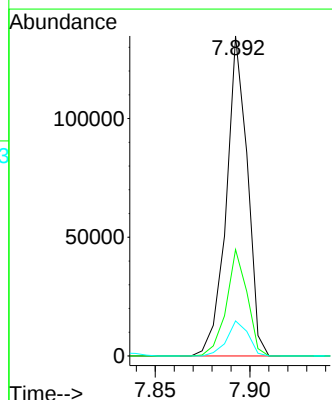
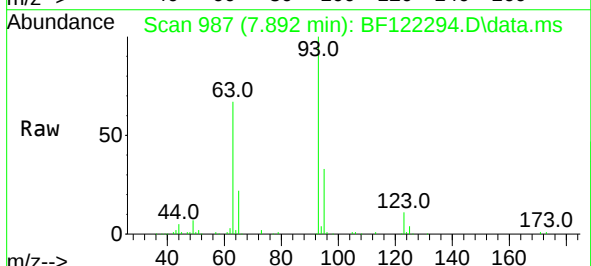
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:122 Resp: 85484
Ion Ratio Lower Upper
122 100
107 109.9 90.8 136.2
121 55.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 3.91 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 93 Resp: 104005
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 11.0 8.8 13.2

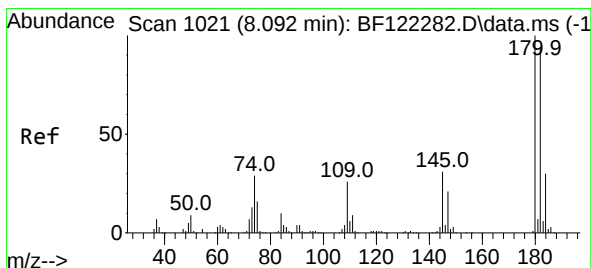
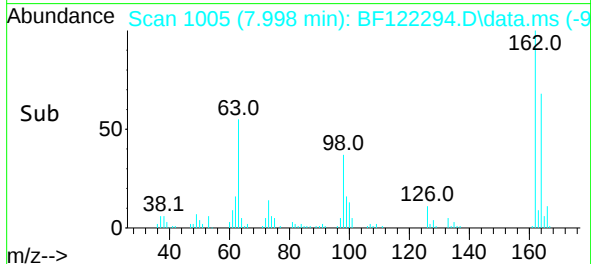
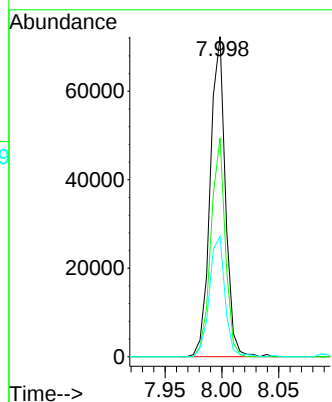
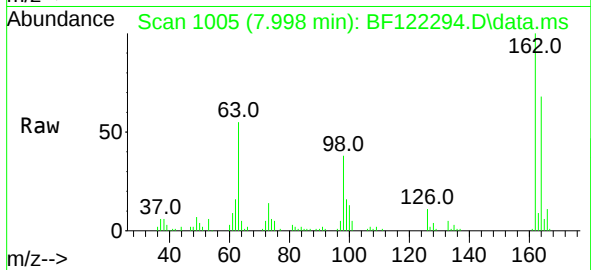




#29
2,4-Dichlorophenol
Concen: 3.70 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

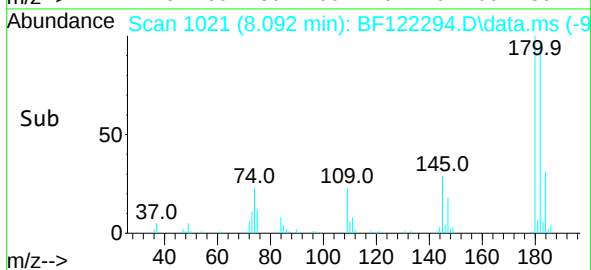
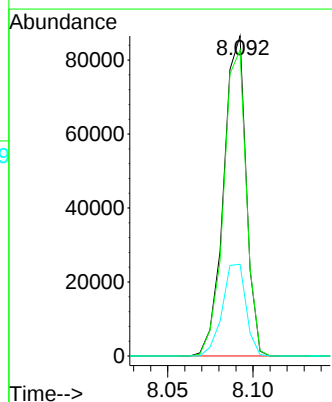
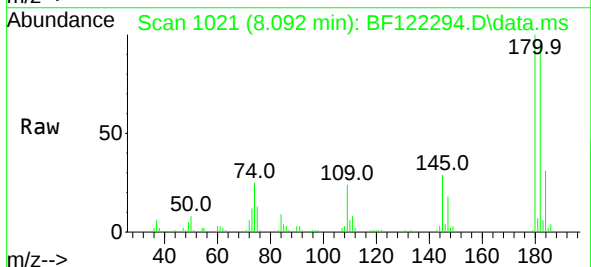
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

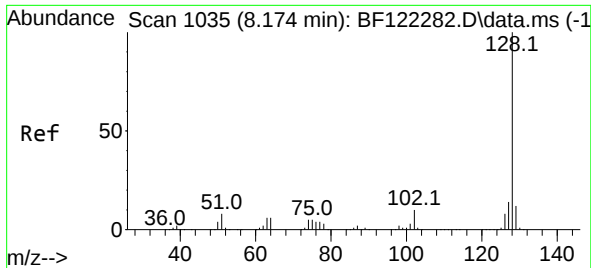
Tgt Ion:162 Resp: 67116
Ion Ratio Lower Upper
162 100
164 68.3 42.5 82.5
98 37.6 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 3.95 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:180 Resp: 79251
Ion Ratio Lower Upper
180 100
182 95.6 79.4 119.2
145 28.6 25.5 38.3

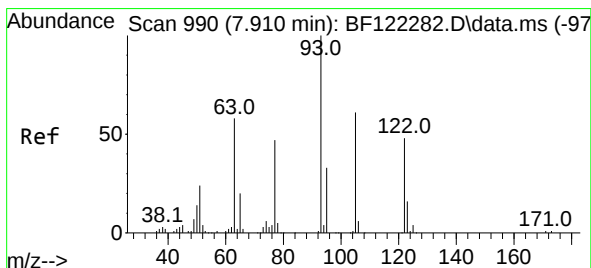
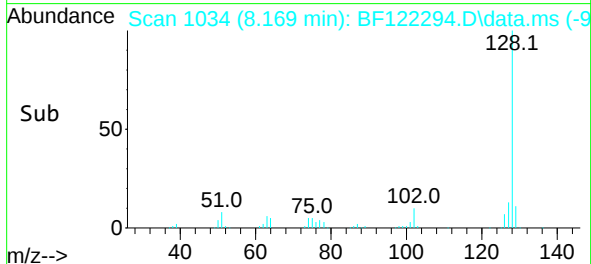
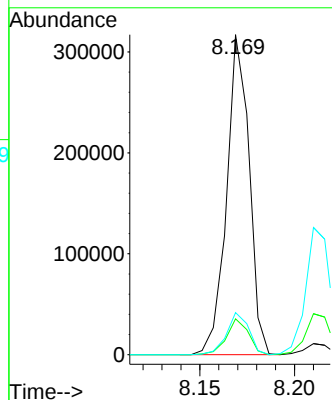
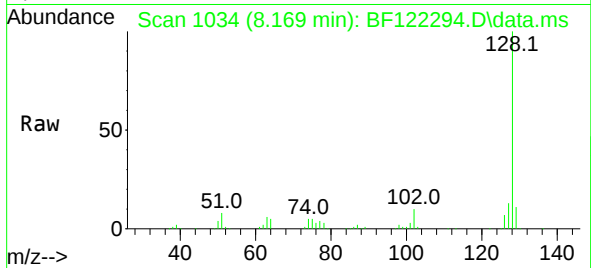




#31
Naphthalene
Concen: 4.13 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

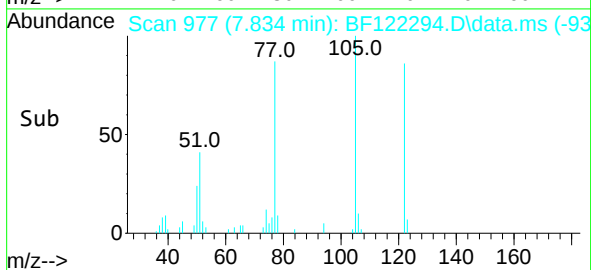
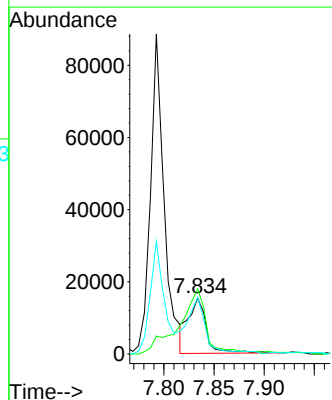
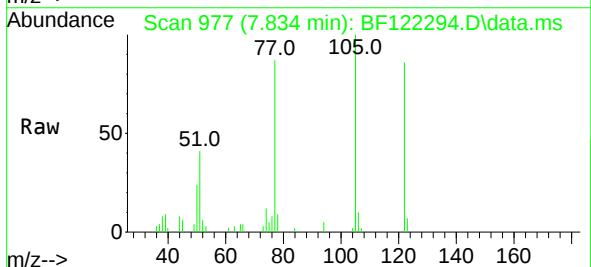
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:128 Resp: 262163
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 2.06 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.076 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:122 Resp: 19040
Ion Ratio Lower Upper
122 100
105 116.2 103.3 143.3
77 101.5 73.9 113.9

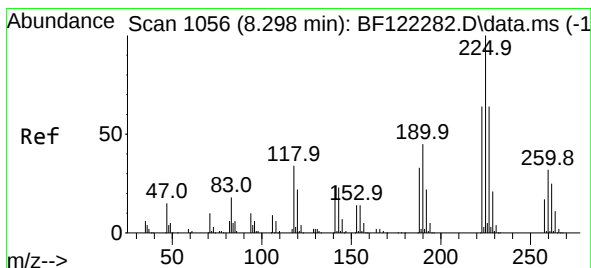
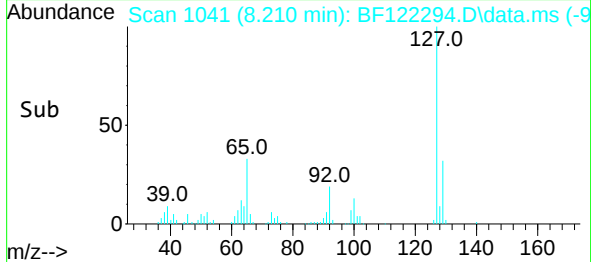
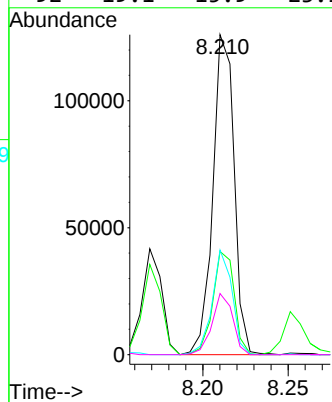
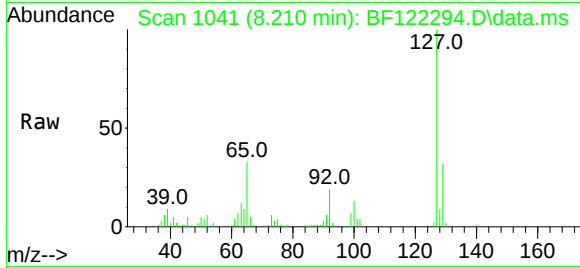




#33
4-Chloroaniline
Concen: 3.96 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

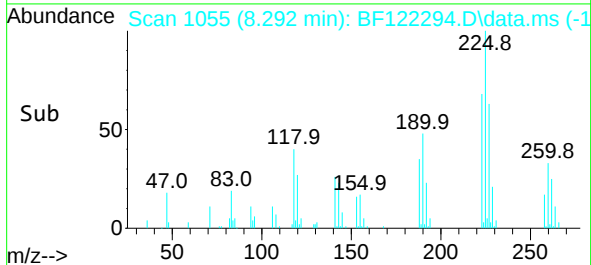
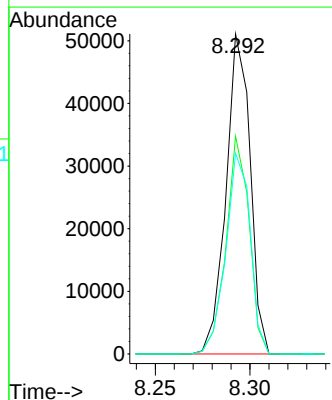
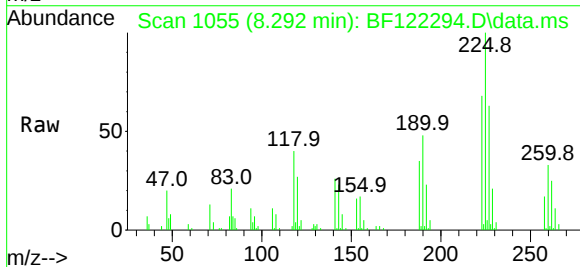
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:127	Resp: 109643
Ion Ratio	Lower Upper
127 100	
129 32.2	26.3 39.5
65 32.7	26.2 39.2
92 19.1	15.9 23.9



#34
Hexachlorobutadiene
Concen: 3.93 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:225	Resp: 45233
Ion Ratio	Lower Upper
225 100	
223 68.1	51.1 76.7
227 62.7	51.0 76.6

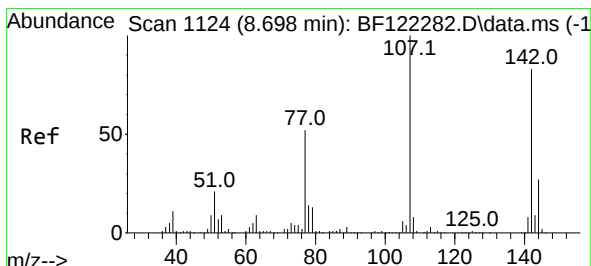
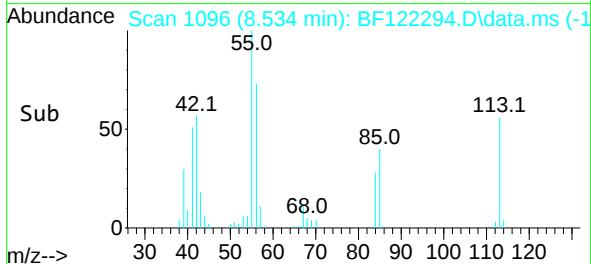
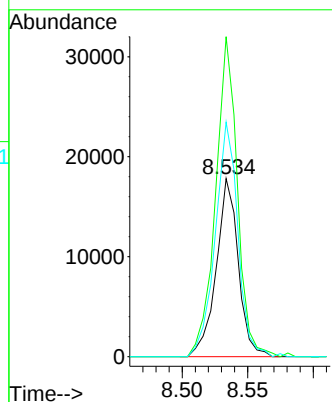
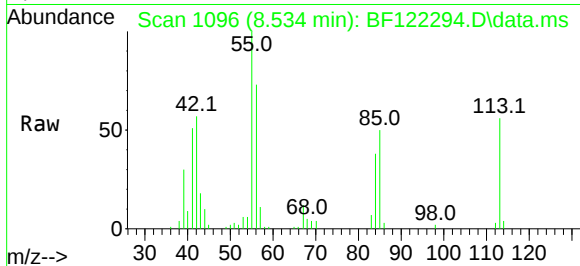




#35
 Caprolactam
 Concen: 3.62 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.058 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

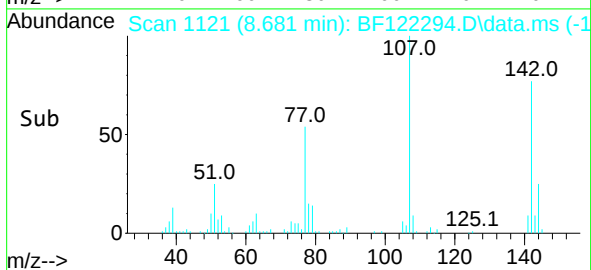
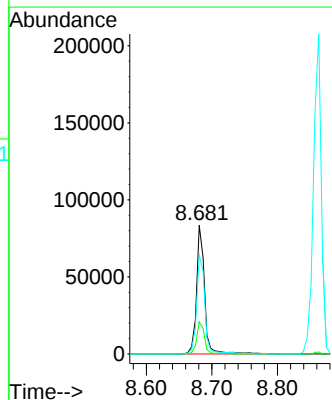
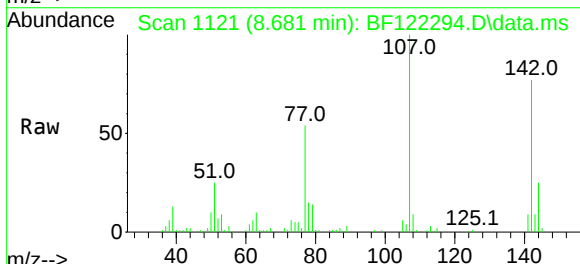
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

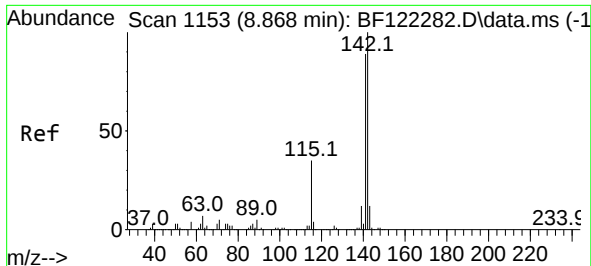
Tgt Ion:	113	Resp:	20813
Ion Ratio	Lower	Upper	
113	100		
55	179.7	167.5	207.5
56	131.7	121.2	161.2



#36
 4-Chloro-3-methylphenol
 Concen: 3.77 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. -0.017 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

Tgt Ion:	107	Resp:	71443
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.1	30.1
142	76.9	59.3	88.9

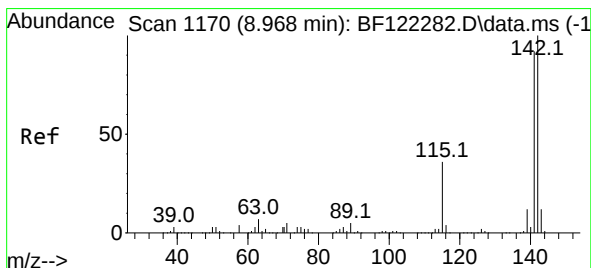
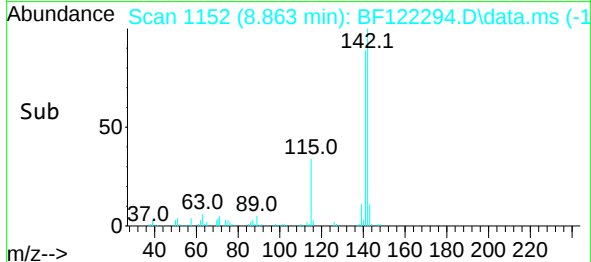
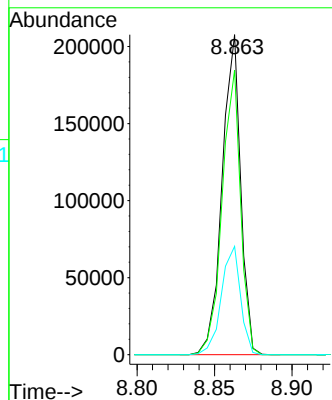
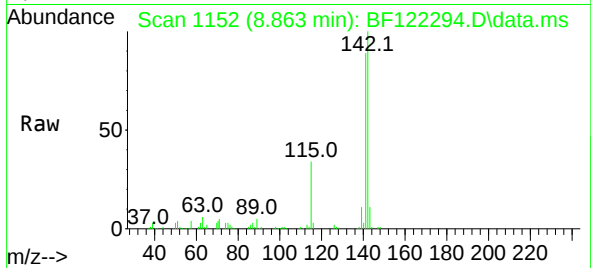




#37
2-Methylnaphthalene
Concen: 4.11 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

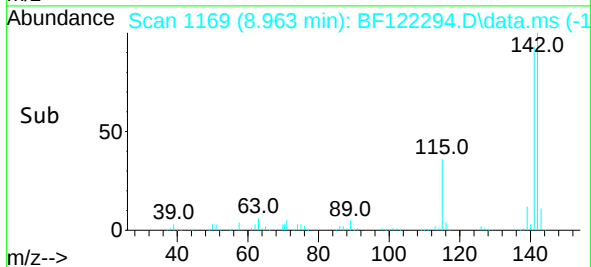
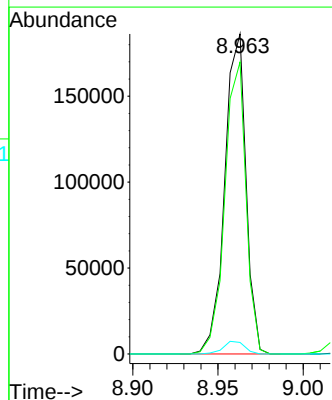
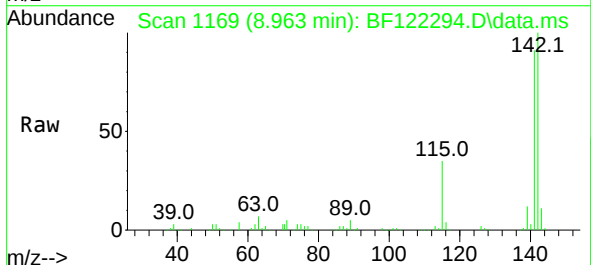
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

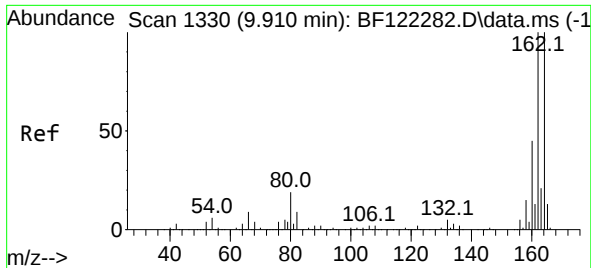
Tgt Ion:142 Resp: 172476
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4
115 33.9 28.6 43.0



#38
1-Methylnaphthalene
Concen: 4.12 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:142 Resp: 161818
Ion Ratio Lower Upper
142 100
141 91.2 74.5 111.7
116 3.6 3.2 4.8

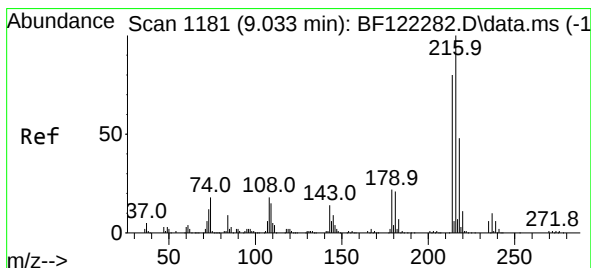
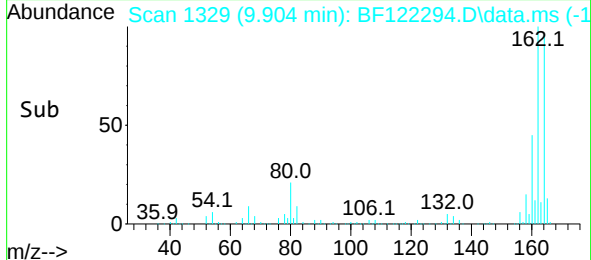
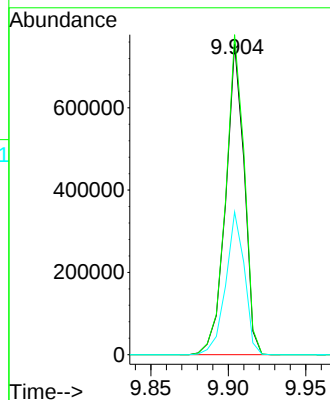
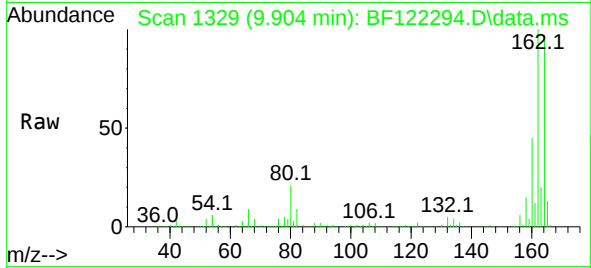




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

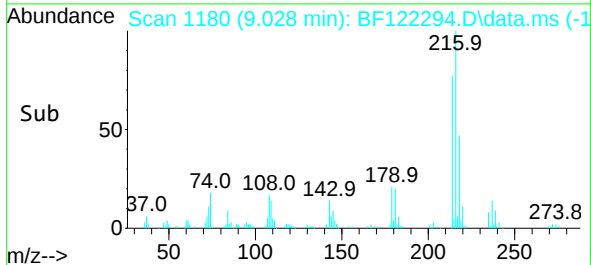
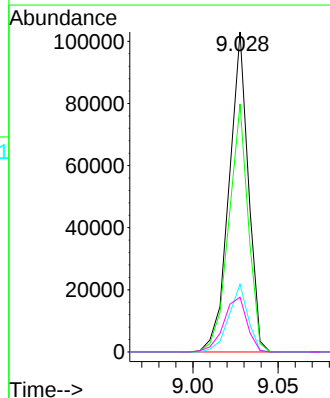
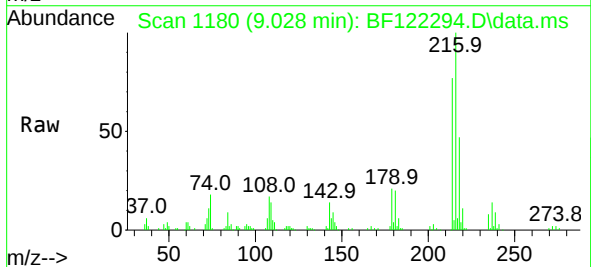
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

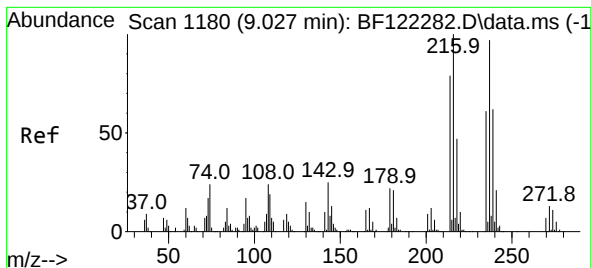
Tgt Ion:164 Resp: 628629
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 45.9 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.17 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:216 Resp: 80745
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.2
179 21.0 17.0 25.6
108 20.8 15.5 23.3



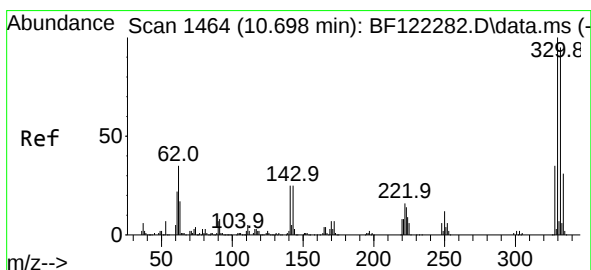
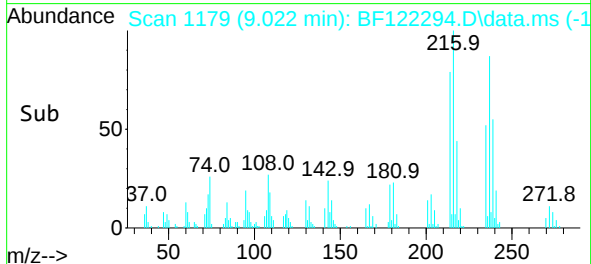
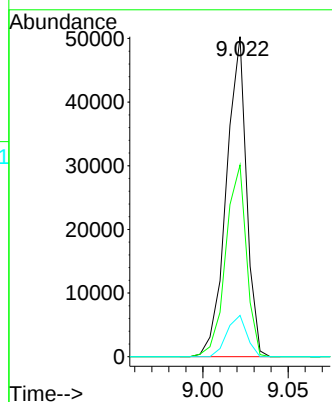
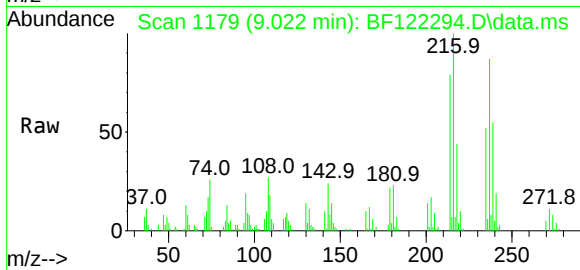


#41

Hexachlorocyclopentadiene
Concen: 3.65 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

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

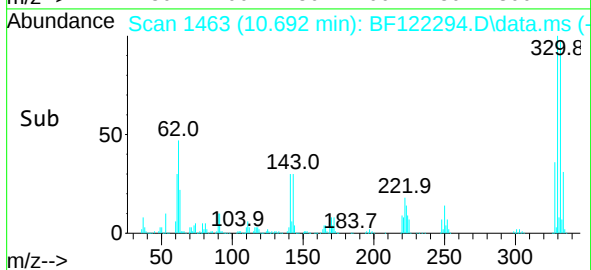
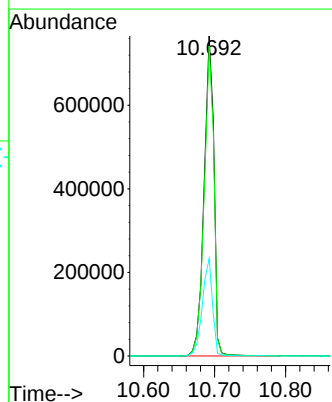
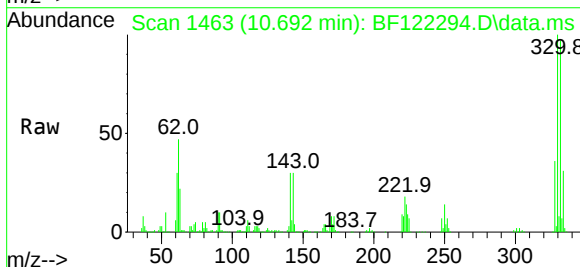
Tgt Ion:	237	Resp:	41334
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.8	81.8
272	12.9	0.0	33.5



#42

2,4,6-Tribromophenol
Concen: 110.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	330	Resp:	742628
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	31.2	22.3	33.5

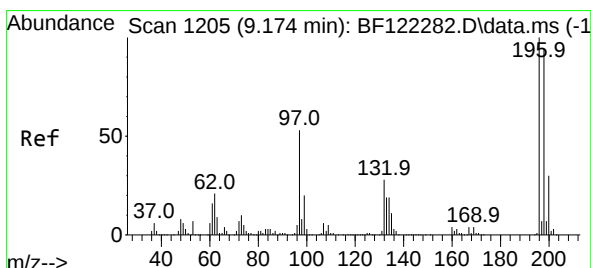
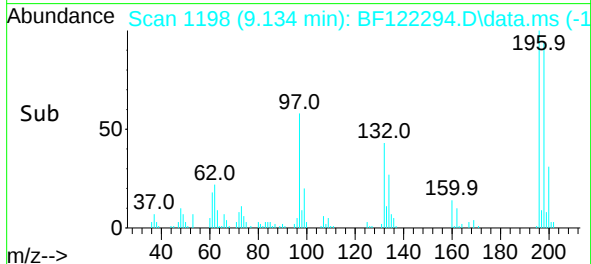
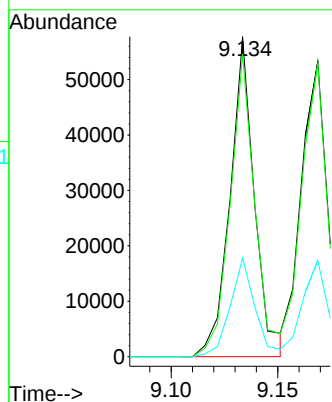
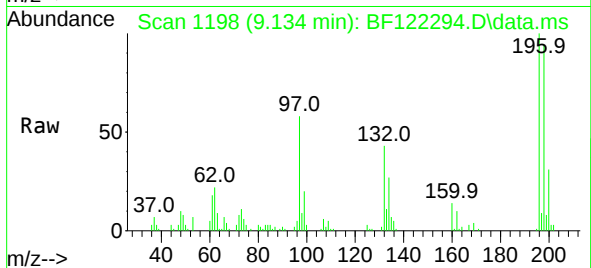




#43
2,4,6-Trichlorophenol
Concen: 3.67 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

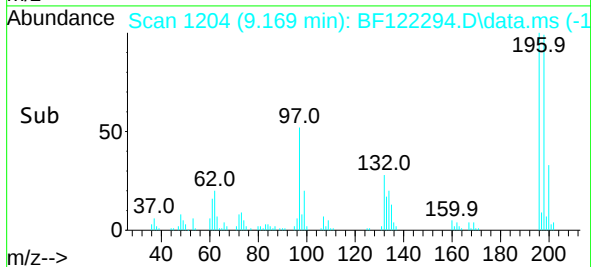
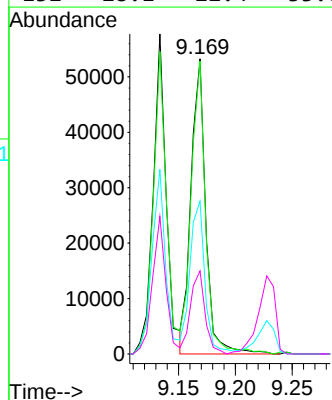
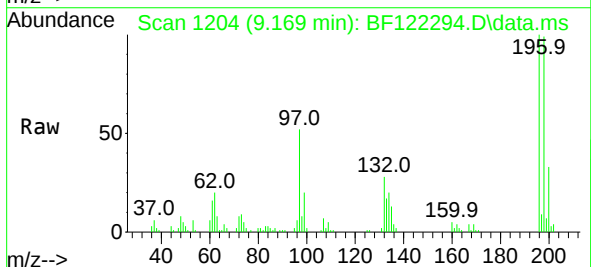
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

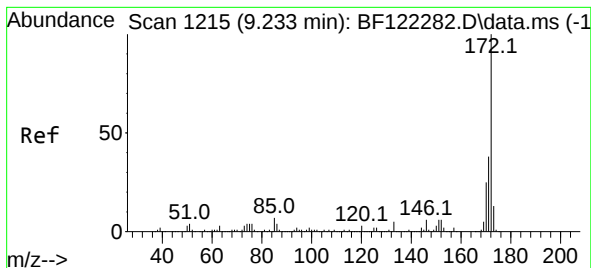
Tgt Ion:196 Resp: 46172
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 30.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 3.65 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:196 Resp: 48142
Ion Ratio Lower Upper
196 100
198 99.2 76.1 114.1
97 51.8 41.0 61.6
132 28.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 73.15 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

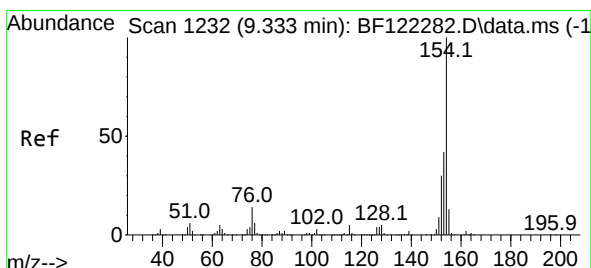
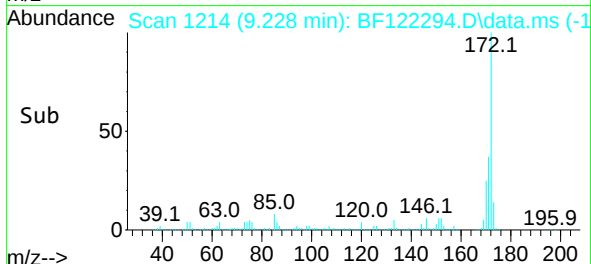
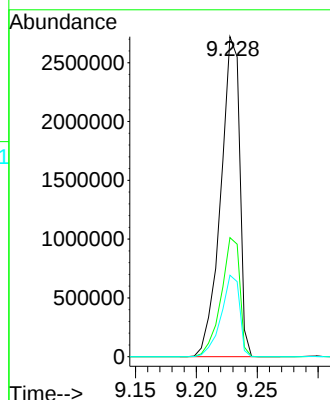
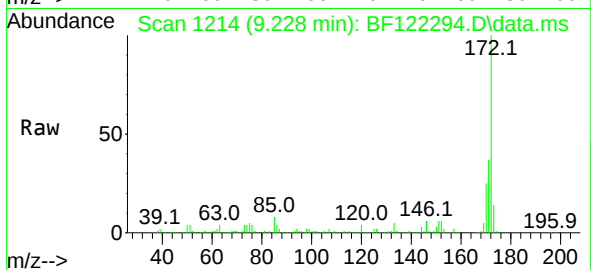
Tgt Ion:172 Resp: 2942989

Ion Ratio Lower Upper

172 100

171 37.2 29.1 43.7

170 25.5 19.8 29.6



#46

1,1'-Biphenyl

Concen: 4.32 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

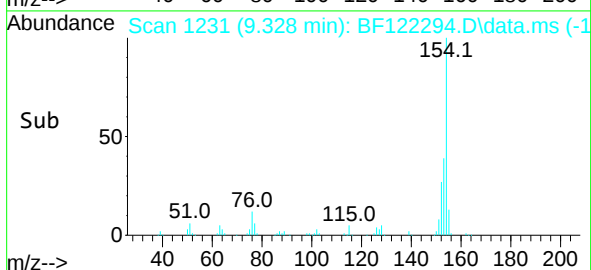
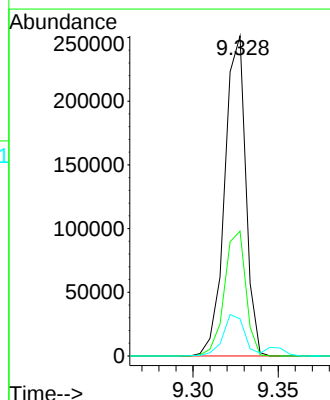
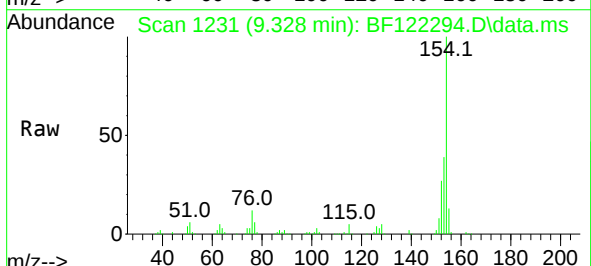
Tgt Ion:154 Resp: 215934

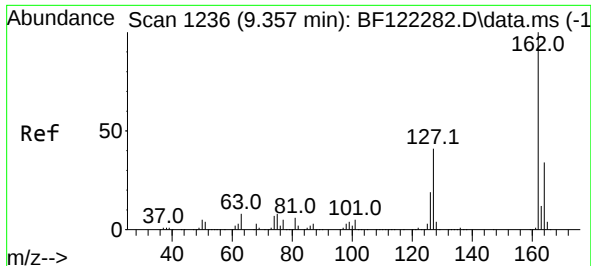
Ion Ratio Lower Upper

154 100

153 39.0 21.3 61.3

76 11.6 0.0 34.7

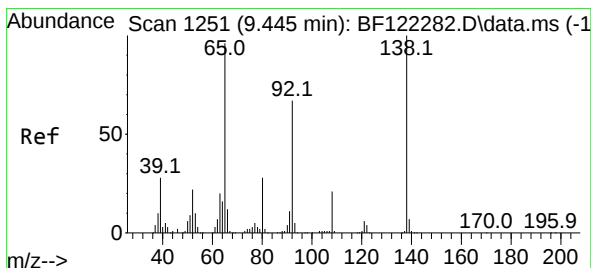
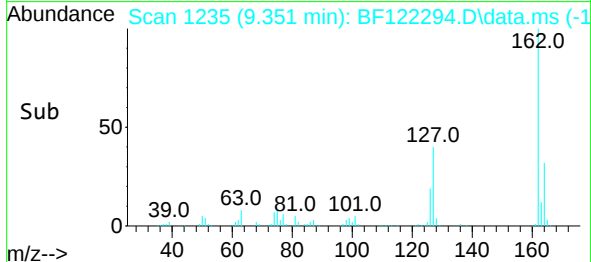
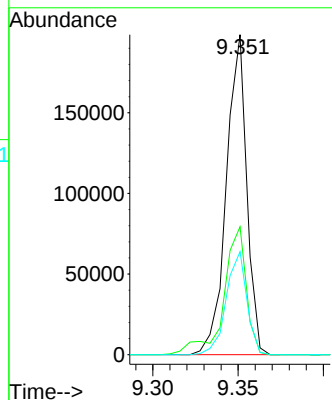
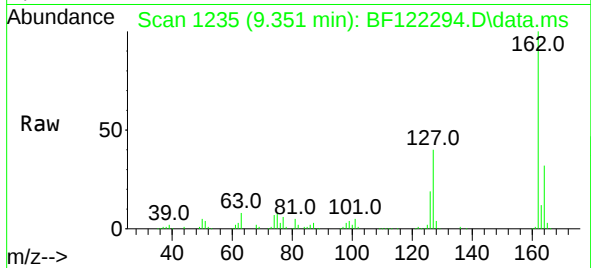




#47
2-Chloronaphthalene
Concen: 4.16 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

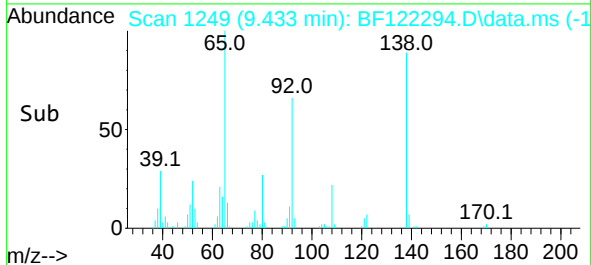
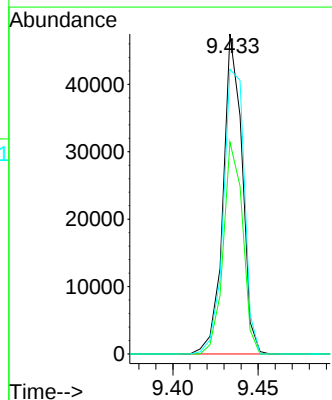
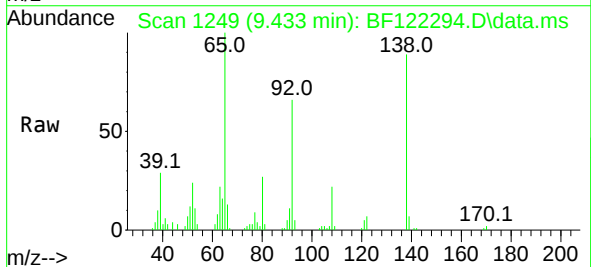
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

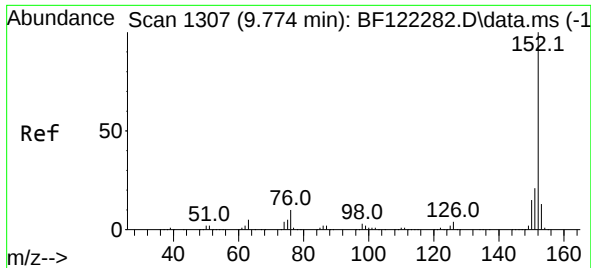
Tgt Ion:162 Resp: 165120
Ion Ratio Lower Upper
162 100
127 40.0 34.4 51.6
164 32.2 26.3 39.5



#48
2-Nitroaniline
Concen: 3.76 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 65 Resp: 36674
Ion Ratio Lower Upper
65 100
92 66.2 55.1 82.7
138 88.9 80.5 120.7

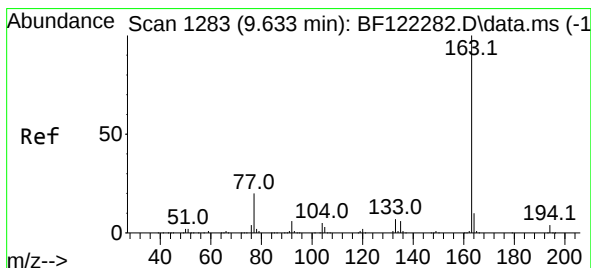
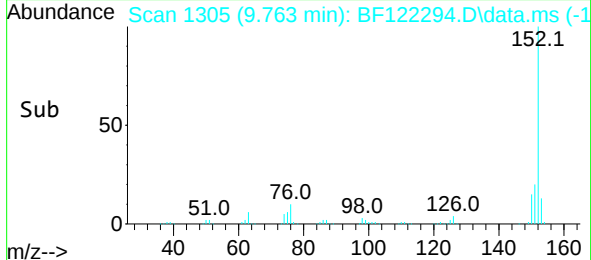
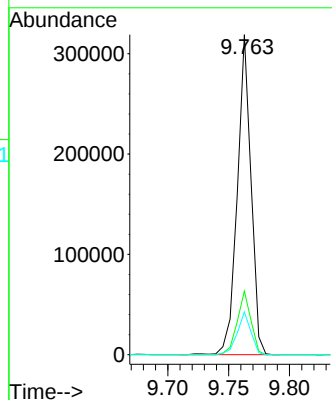
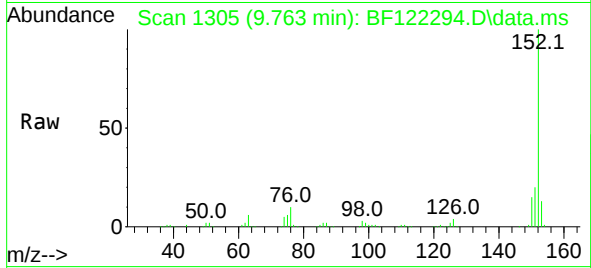




#49
Acenaphthylene
Concen: 4.08 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

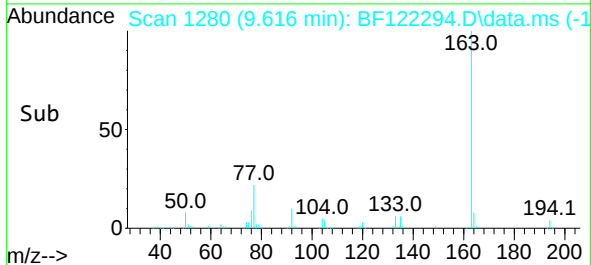
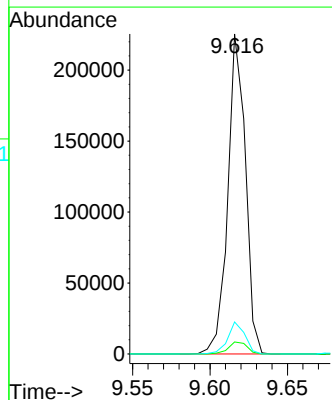
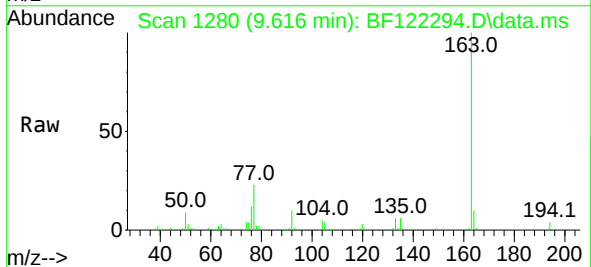
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

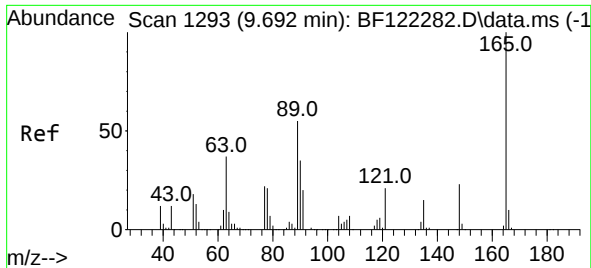
Tgt Ion:152 Resp: 248863
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 3.99 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:163 Resp: 178228
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4

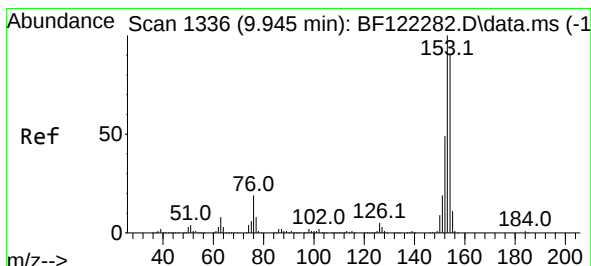
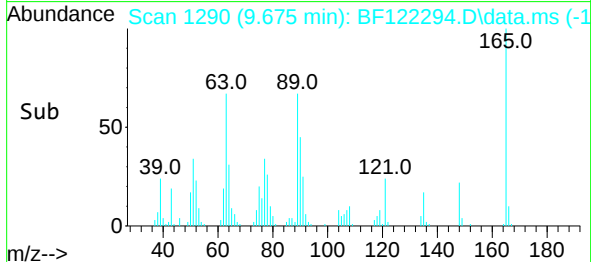
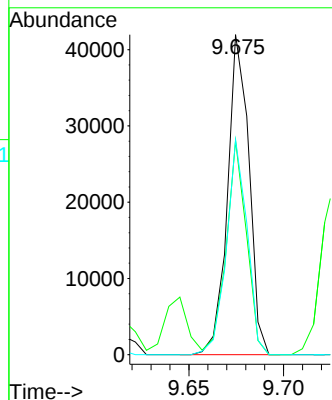
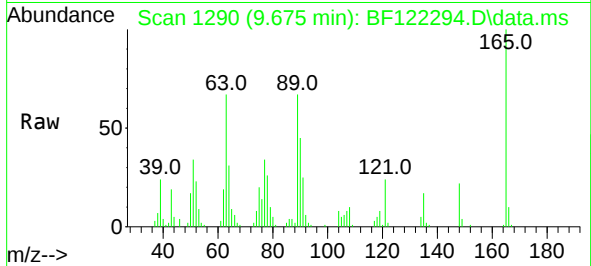




#51
2,6-Dinitrotoluene
Concen: 3.82 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

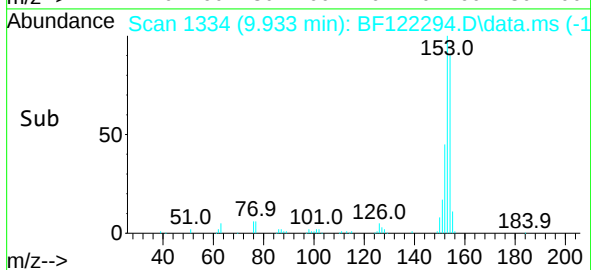
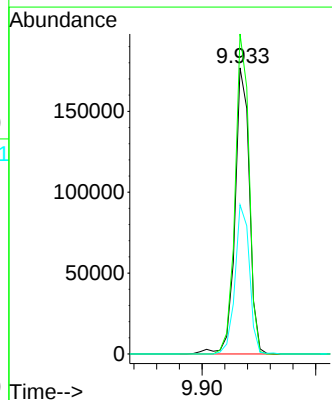
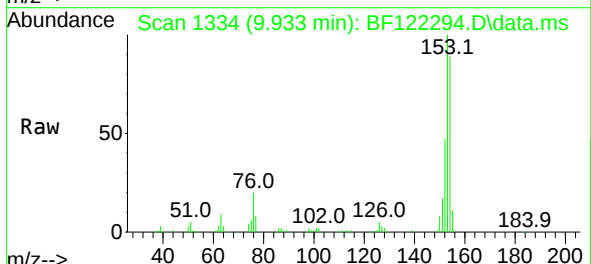
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

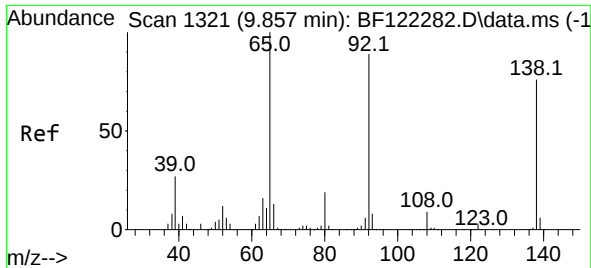
Tgt Ion:165 Resp: 33012
Ion Ratio Lower Upper
165 100
63 66.8 51.8 77.6
89 67.2 49.0 73.6



#52
Acenaphthene
Concen: 4.13 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:154 Resp: 155849
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 52.1 43.2 64.8

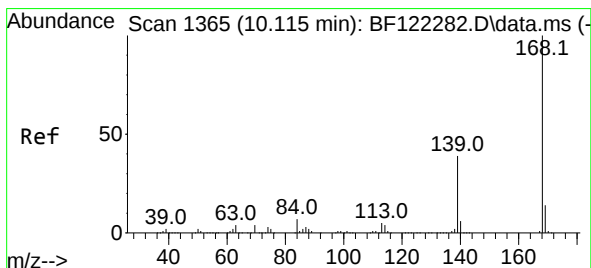
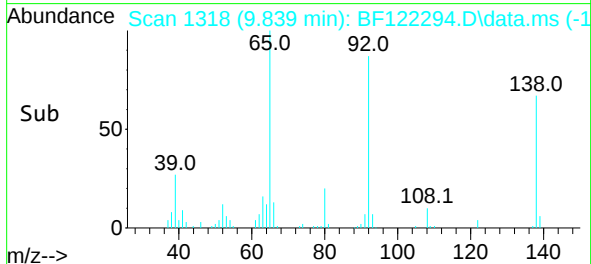
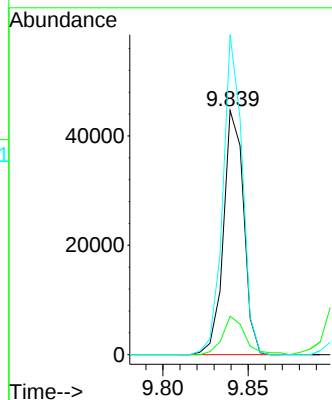
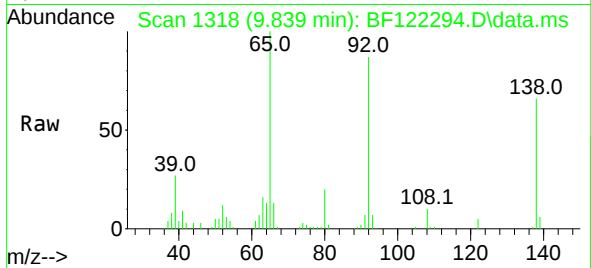




#53
3-Nitroaniline
Concen: 3.68 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

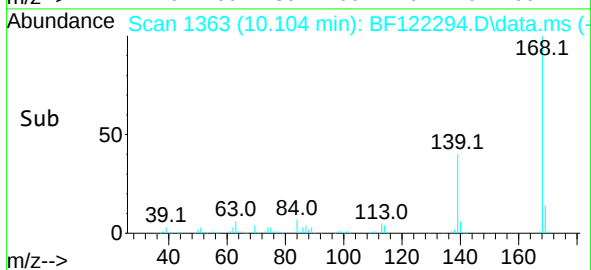
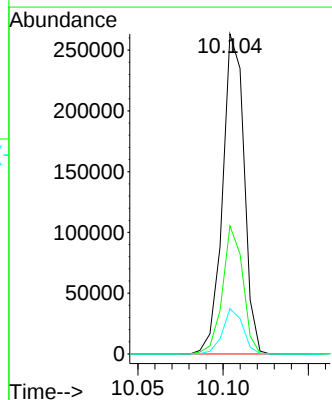
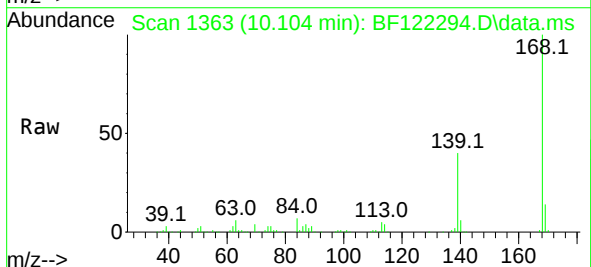
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

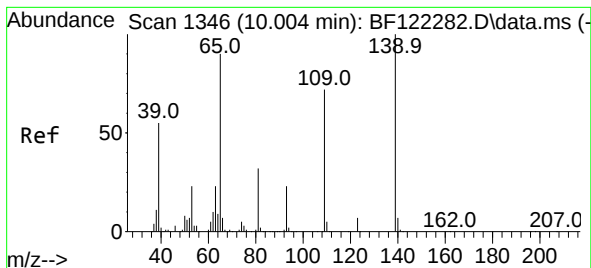
Tgt Ion:138 Resp: 36713
Ion Ratio Lower Upper
138 100
108 15.7 8.6 13.0#
92 131.1 96.6 144.8



#55
Dibenzofuran
Concen: 4.16 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:168 Resp: 230354
Ion Ratio Lower Upper
168 100
139 40.0 31.0 46.6
169 14.2 11.3 16.9

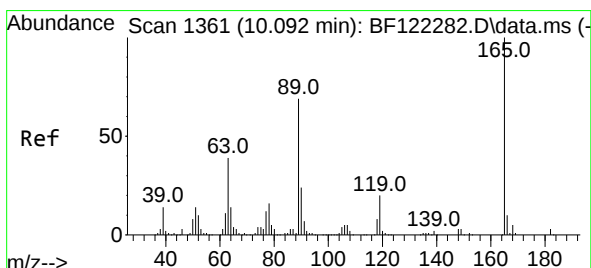
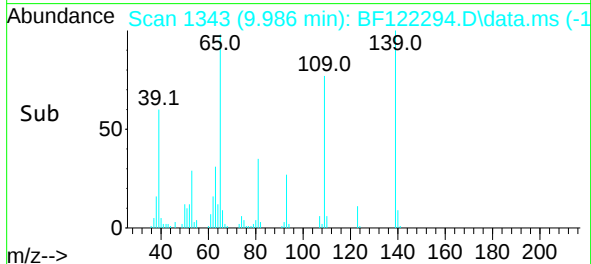
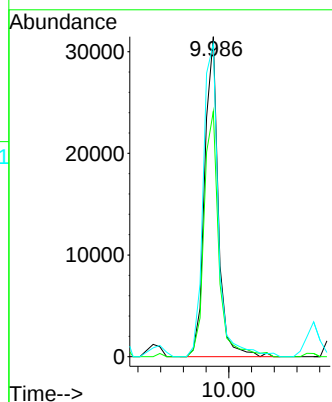
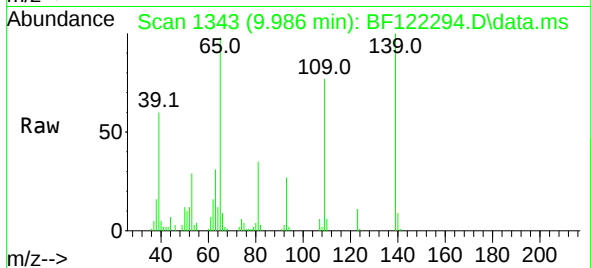




#56
4-Nitrophenol
Concen: 3.08 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

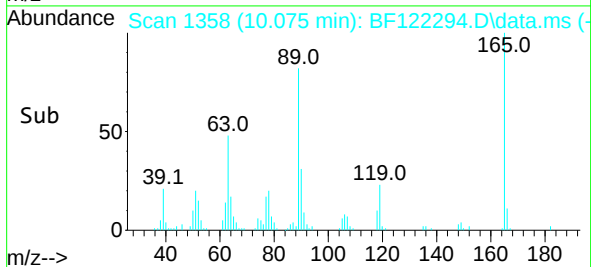
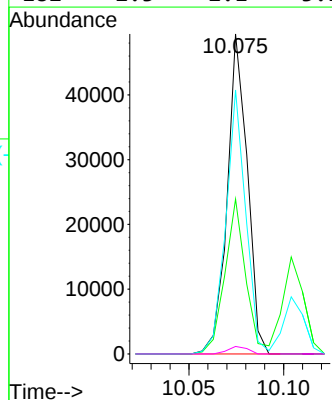
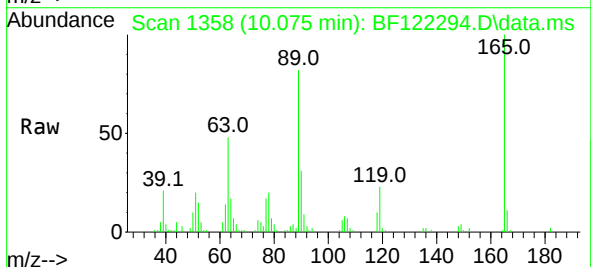
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

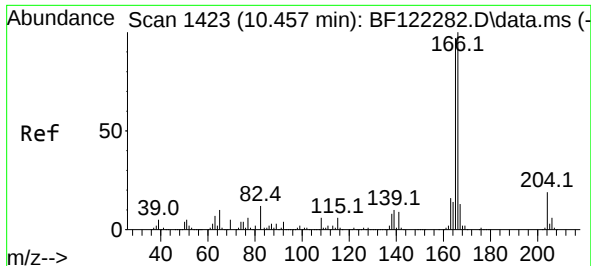
Tgt Ion:139	Resp:	26221
Ion	Ratio	Lower Upper
139	100	
109	76.6	45.4 85.4
65	97.8	68.4 108.4



#57
2,4-Dinitrotoluene
Concen: 3.49 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:165	Resp:	36422
Ion	Ratio	Lower Upper
165	100	
63	48.4	41.3 61.9
89	82.5	61.8 92.8
182	2.3	2.1 3.1

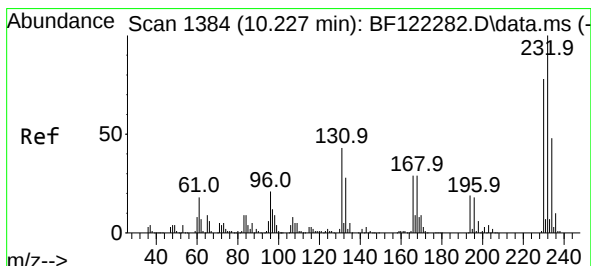
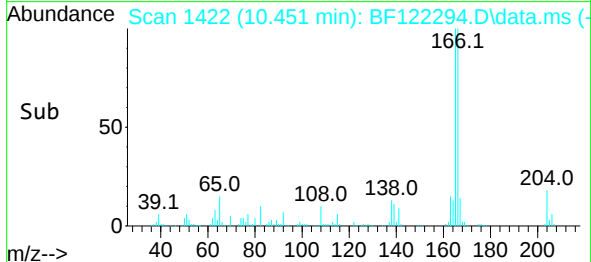
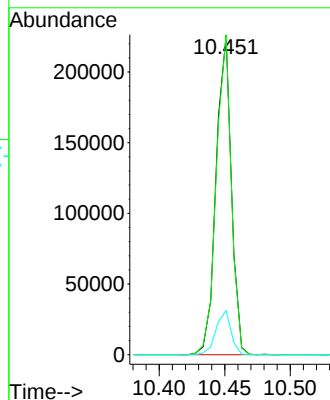
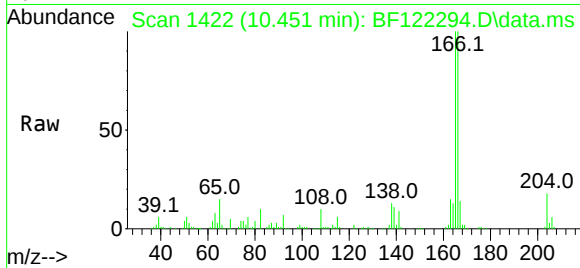




#58
Fluorene
Concen: 4.30 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

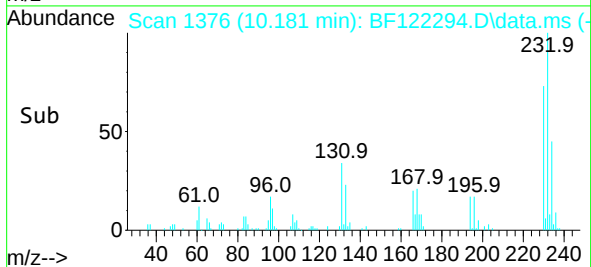
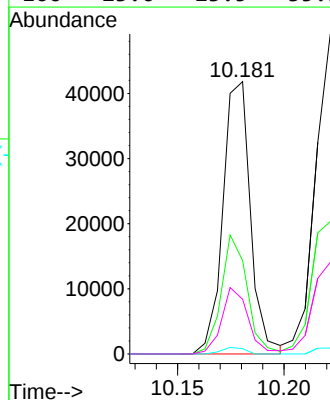
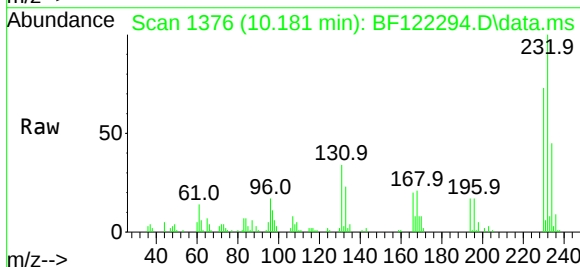
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

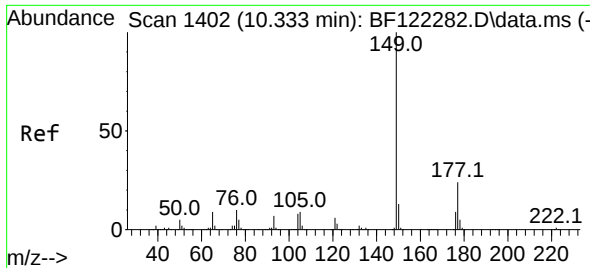
Tgt Ion:166 Resp: 182113
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 13.7 11.0 16.6



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.43 ng
RT: 10.181 min Scan# 1376
Delta R.T. -0.047 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:232 Resp: 37623
Ion Ratio Lower Upper
232 100
131 41.1 35.9 53.9
130 2.0 1.8 2.6
166 23.6 23.5 35.3

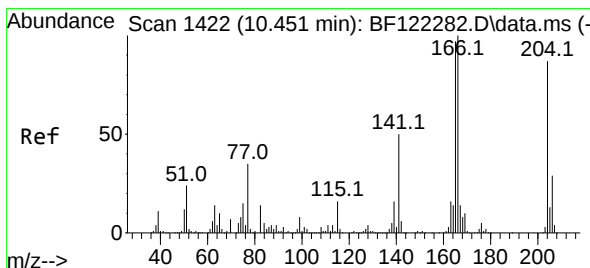
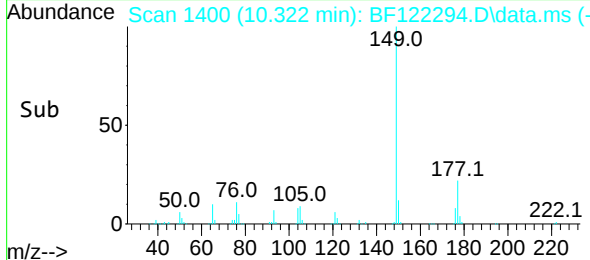
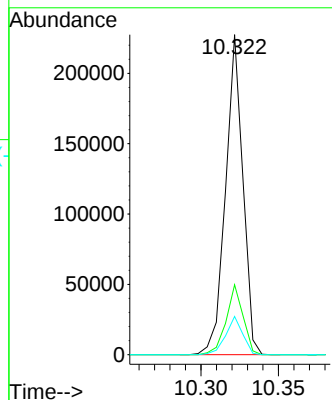
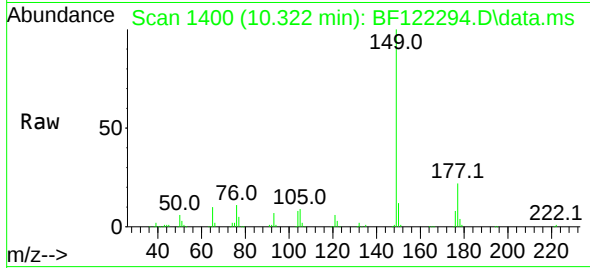




#60
Diethylphthalate
Concen: 4.03 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

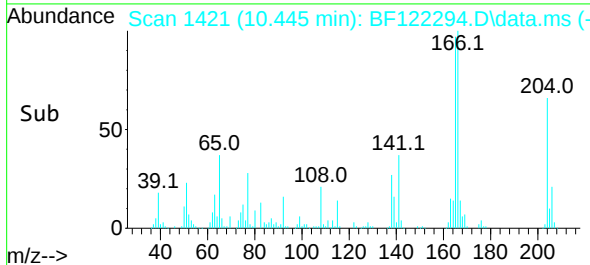
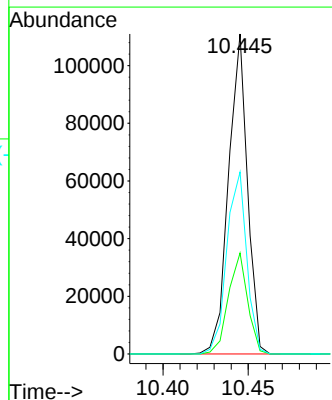
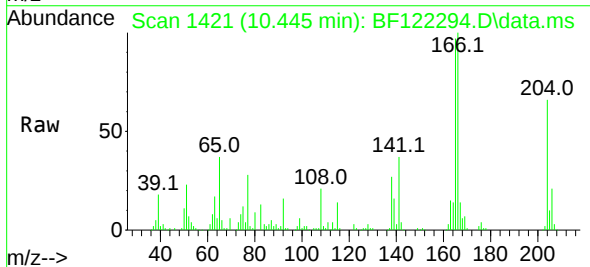
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

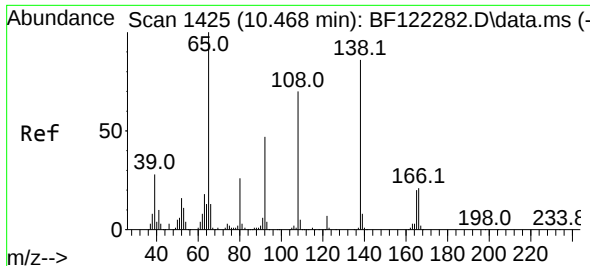
Tgt Ion:149 Resp: 176460
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.0 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 4.27 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:204 Resp: 85482
Ion Ratio Lower Upper
204 100
206 31.6 26.0 39.0
141 56.9 46.2 69.4

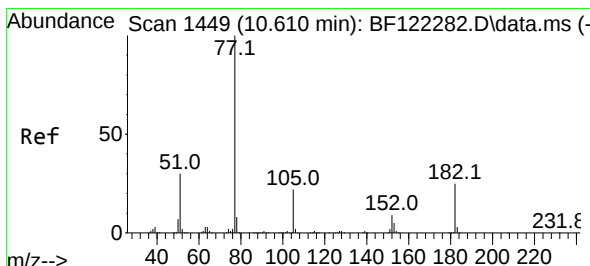
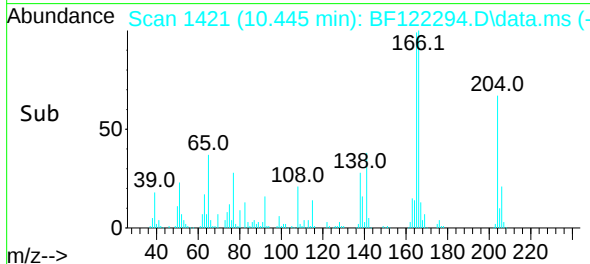
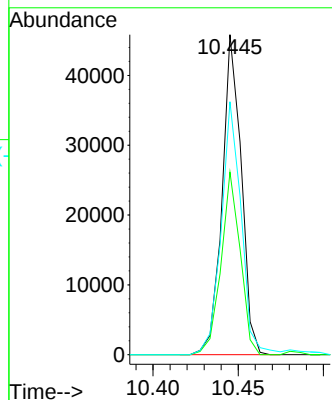
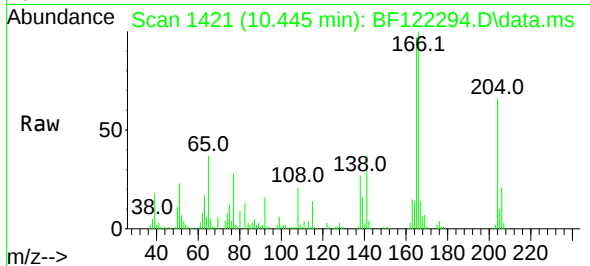




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

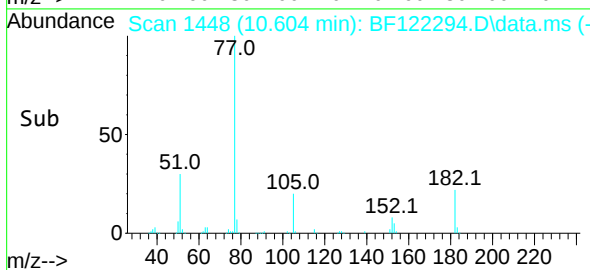
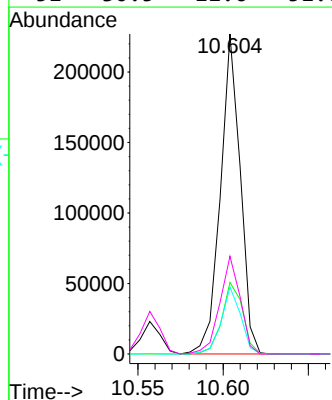
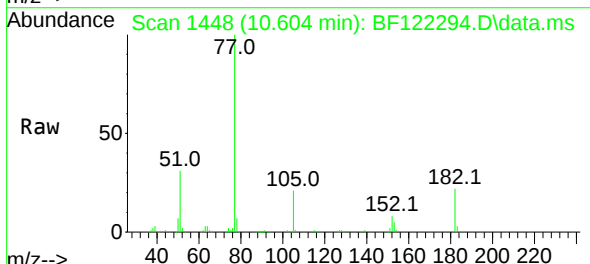
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

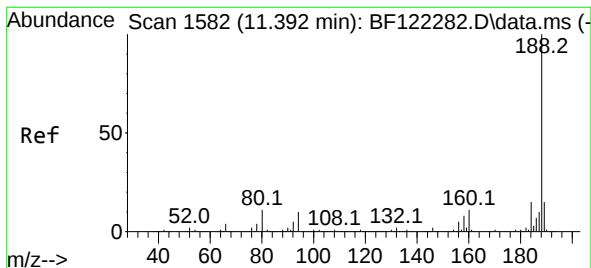
Tgt Ion:138	Resp:	35709
Ion Ratio	Lower	Upper
138	100	
92	57.0	31.0 71.0
108	79.1	51.5 91.5



#63
Azobenzene
Concen: 4.00 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 77	Resp:	183865
Ion Ratio	Lower	Upper
77	100	
182	22.3	3.4 43.4
105	20.9	1.7 41.7
51	30.5	11.6 51.6

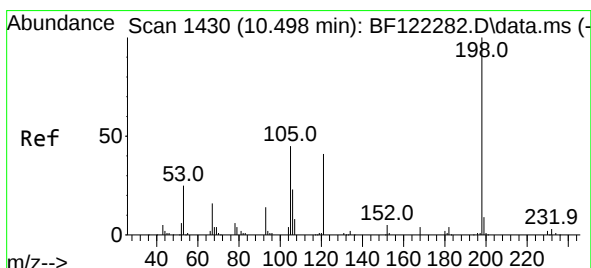
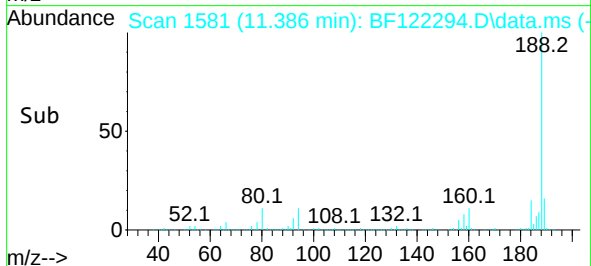
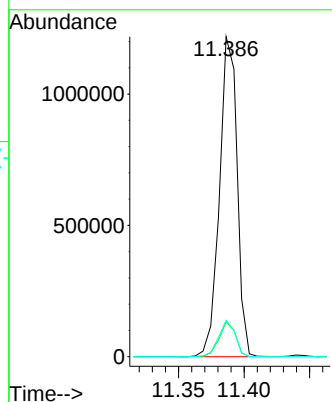
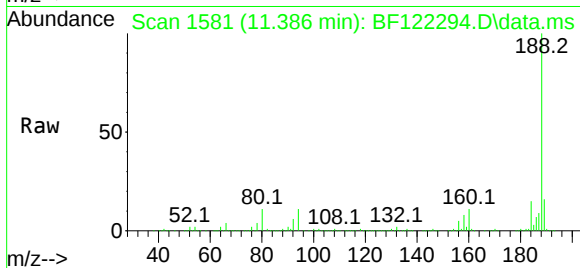




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

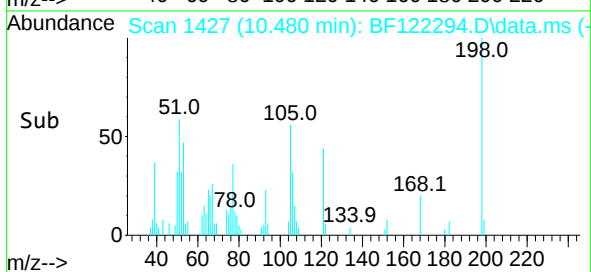
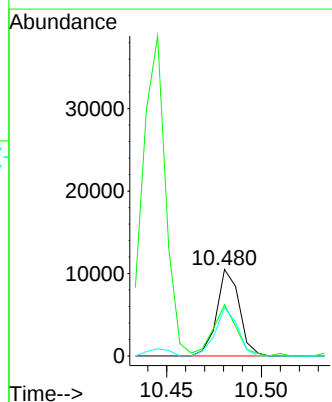
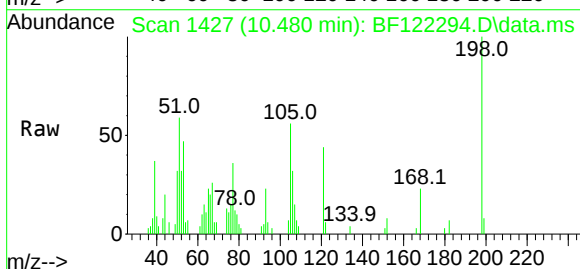
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

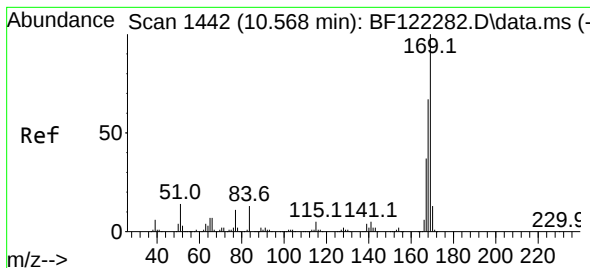
Tgt Ion:188 Resp: 1136050
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 2.01 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:198 Resp: 8689
Ion Ratio Lower Upper
198 100
51 59.4 29.6 69.6
105 55.9 24.4 64.4

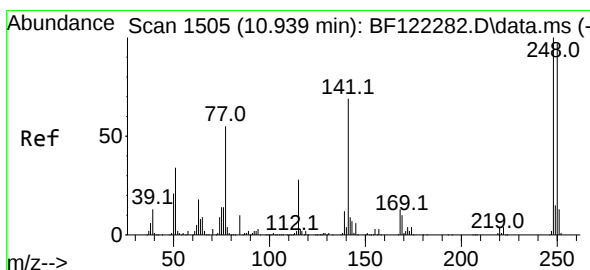
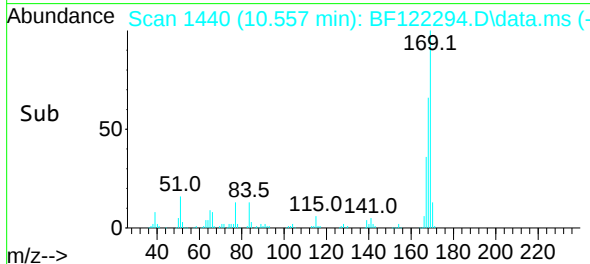
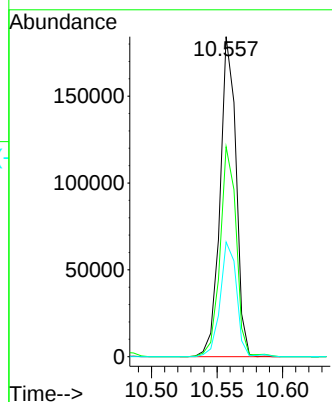
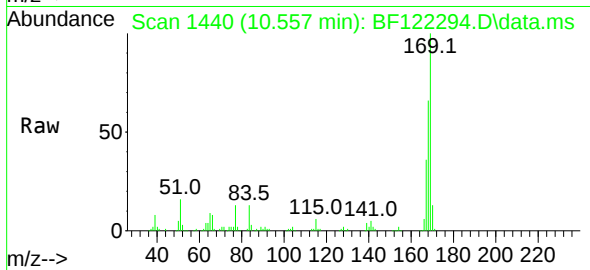




#66
n-Nitrosodiphenylamine
Concen: 4.02 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

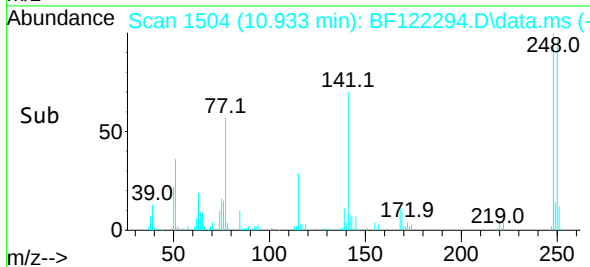
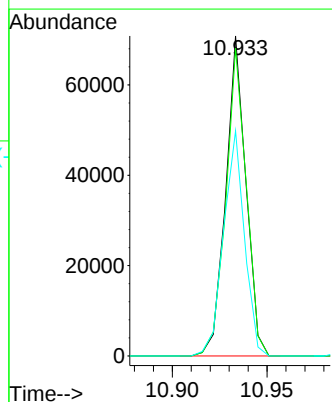
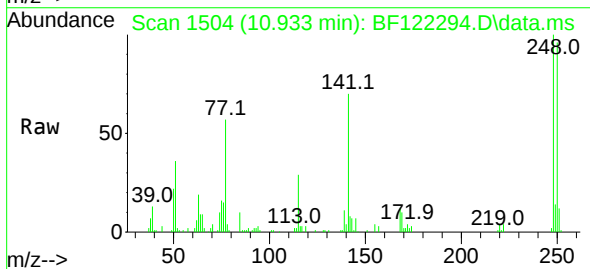
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

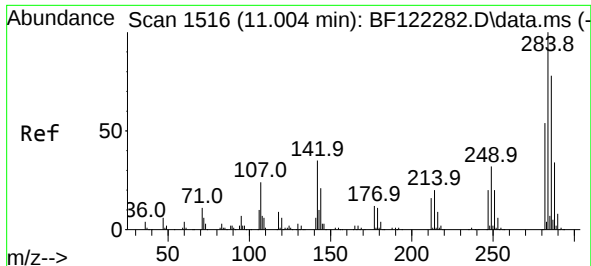
Tgt Ion:	169	Resp:	155644
Ion Ratio	Lower	Upper	
169	100		
168	65.6	50.0	75.0
167	35.8	27.8	41.6



#67
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	248	Resp:	52477
Ion Ratio	Lower	Upper	
248	100		
250	96.2	77.0	115.6
141	70.3	53.7	80.5

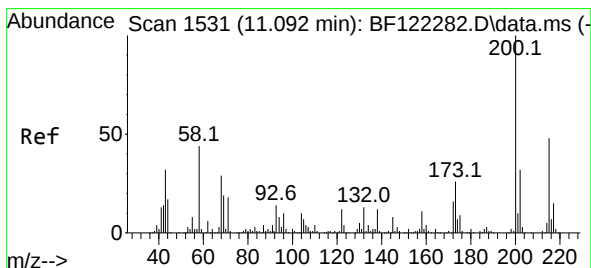
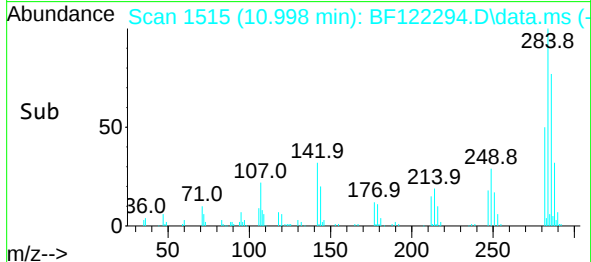
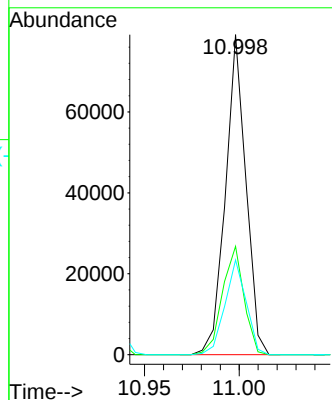
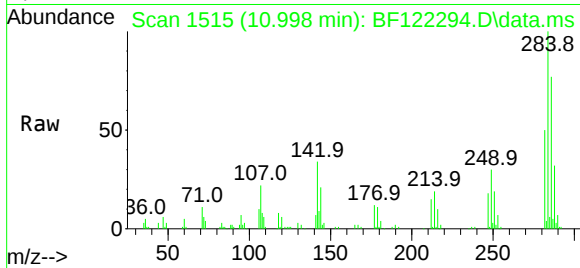




#68
Hexachlorobenzene
Concen: 4.11 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

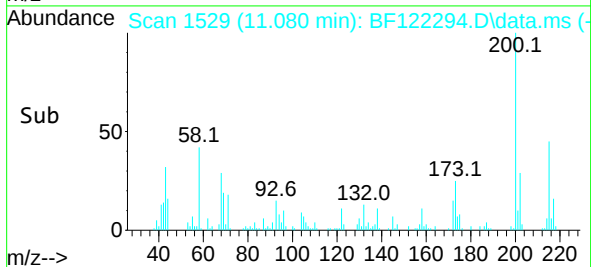
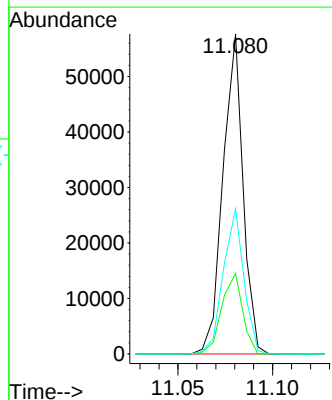
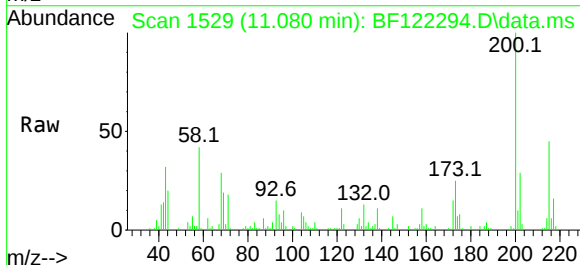
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

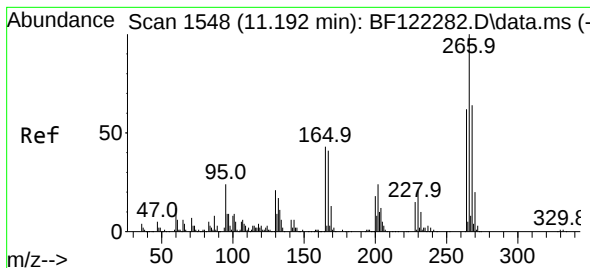
Tgt Ion:284 Resp: 59214
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 29.6 24.2 36.4



#69
Atrazine
Concen: 4.41 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:200 Resp: 42481
Ion Ratio Lower Upper
200 100
173 25.1 7.5 47.5
215 45.4 27.1 67.1

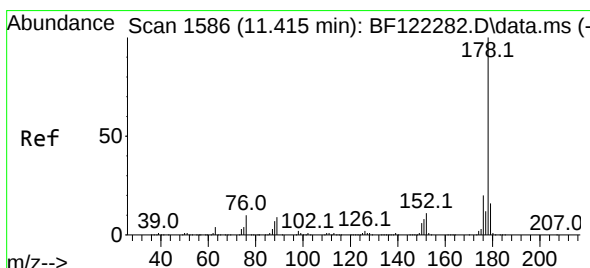
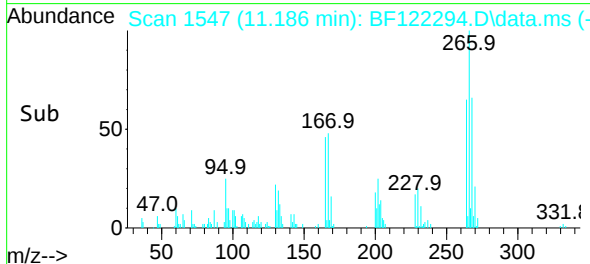
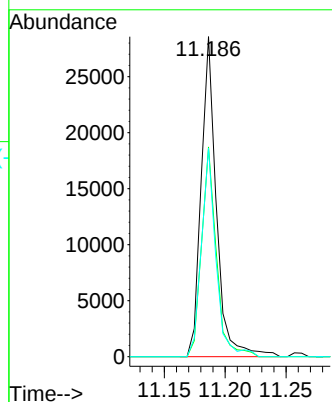
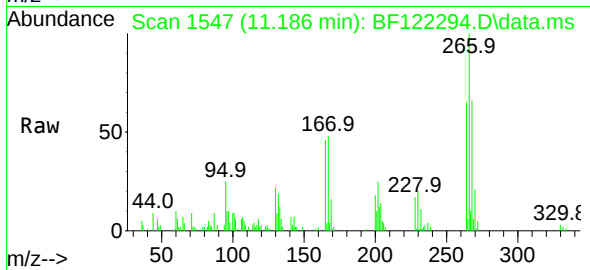




#70
Pentachlorophenol
Concen: 3.00 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

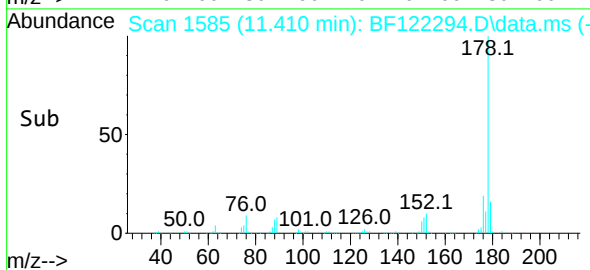
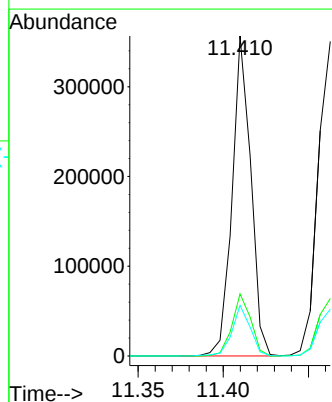
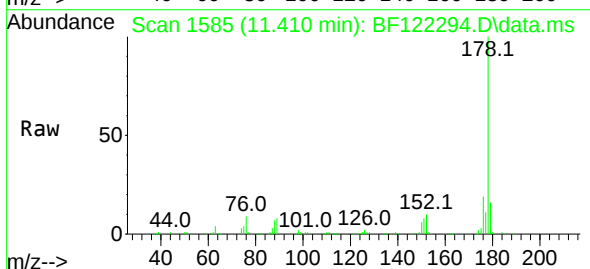
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

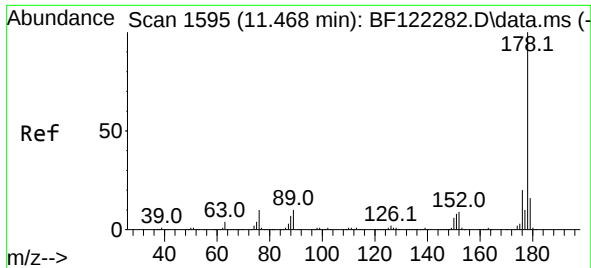
Tgt Ion:266 Resp: 24928
Ion Ratio Lower Upper
266 100
268 65.5 52.4 78.6
264 65.2 49.9 74.9



#71
Phenanthrene
Concen: 4.22 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:178 Resp: 272102
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.8 12.2 18.4

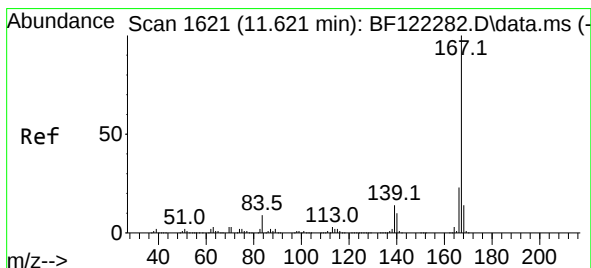
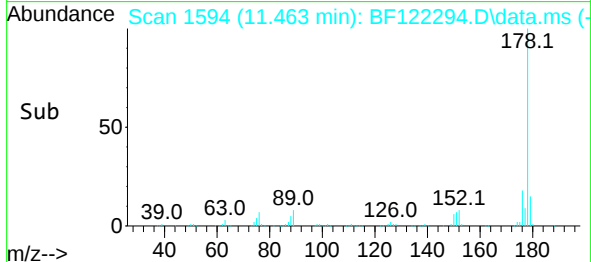
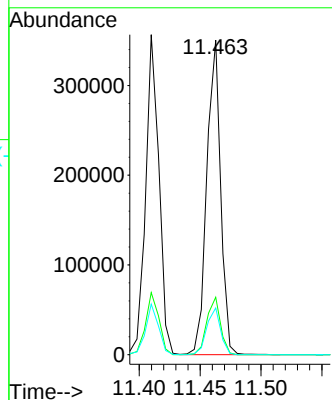
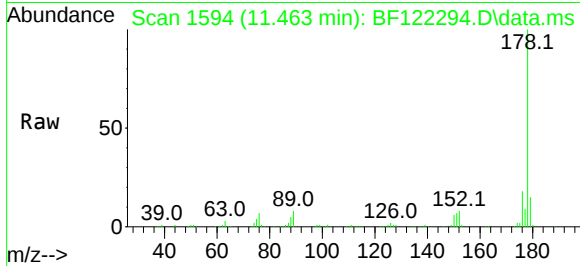




#72
 Anthracene
 Concen: 4.17 ng
 RT: 11.463 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

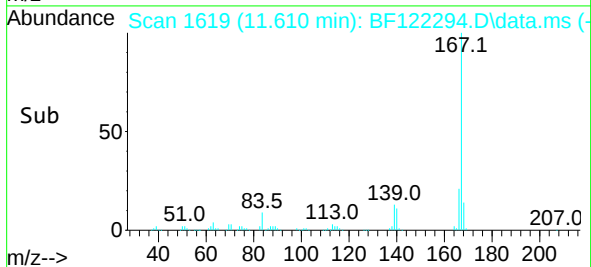
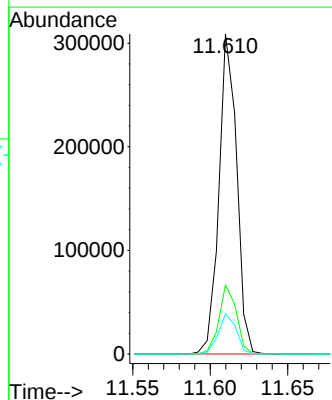
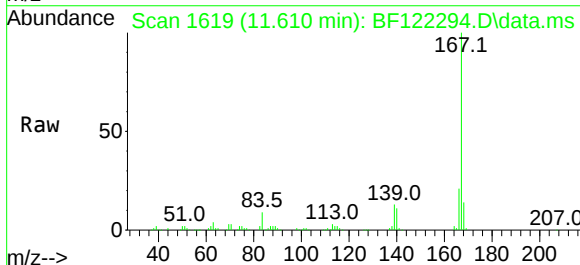
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

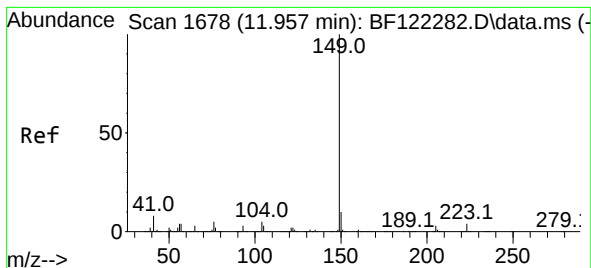
Tgt Ion:178 Resp: 276741
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.7 23.5
 179 14.9 12.7 19.1



#73
 Carbazole
 Concen: 4.07 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.011 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

Tgt Ion:167 Resp: 245781
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.6 10.8 16.2

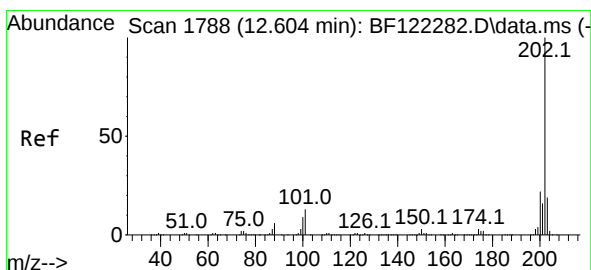
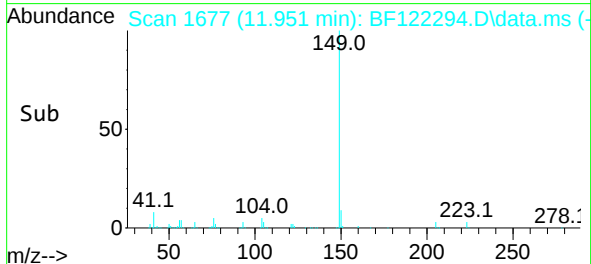
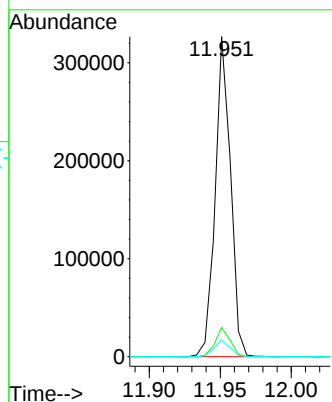
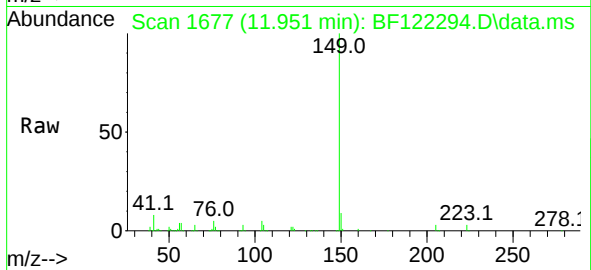




#74
Di-n-butylphthalate
Concen: 3.80 ng
RT: 11.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

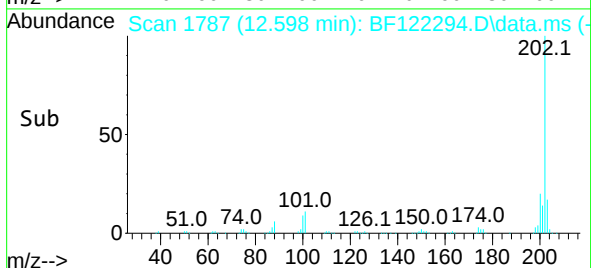
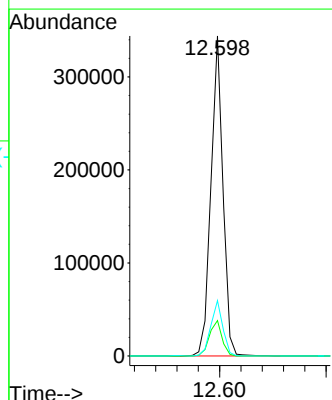
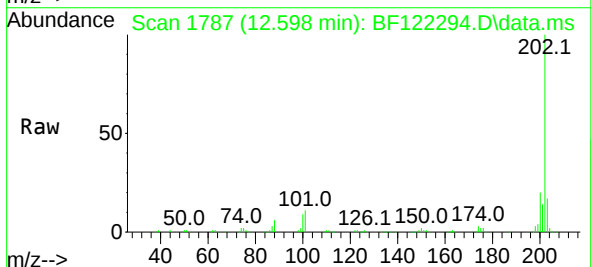
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

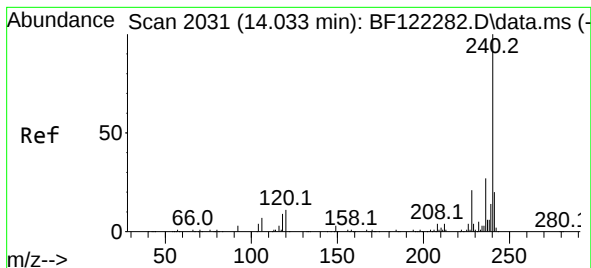
Tgt Ion:149 Resp: 244917
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.2 4.2 6.2



#75
Fluoranthene
Concen: 4.01 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:202 Resp: 269851
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.3 0.0 37.9

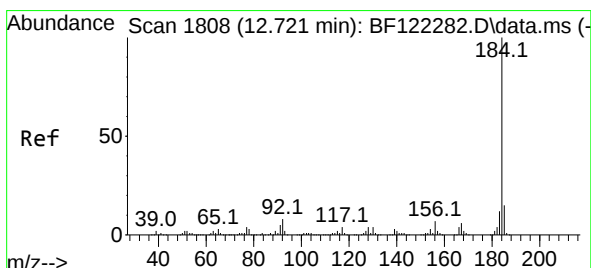
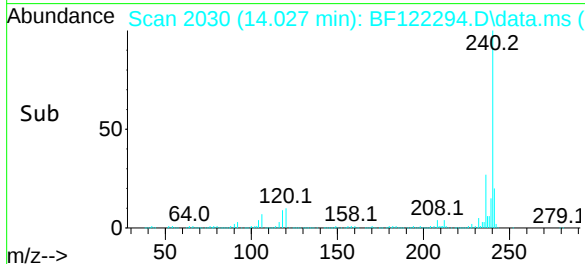
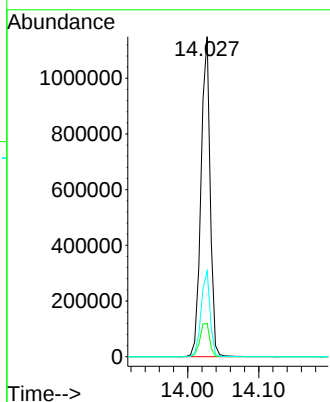
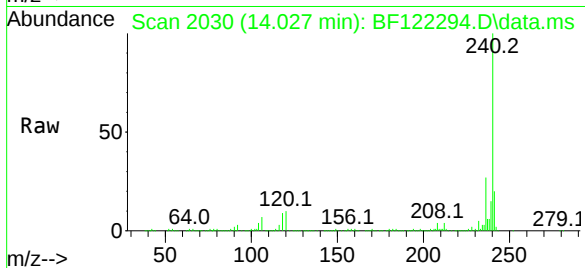




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

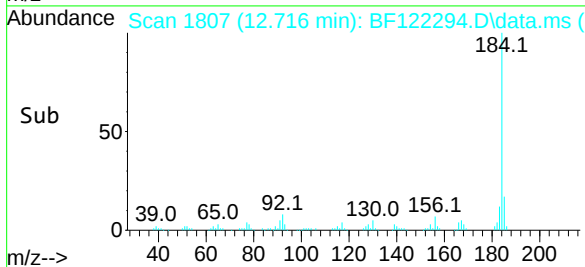
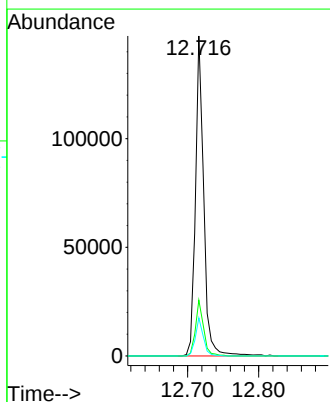
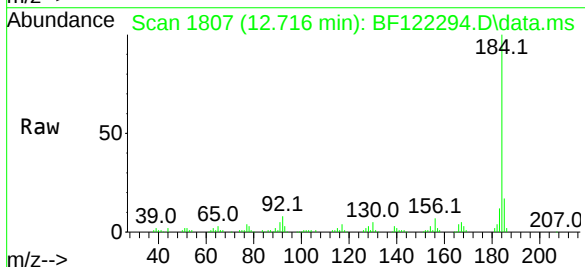
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

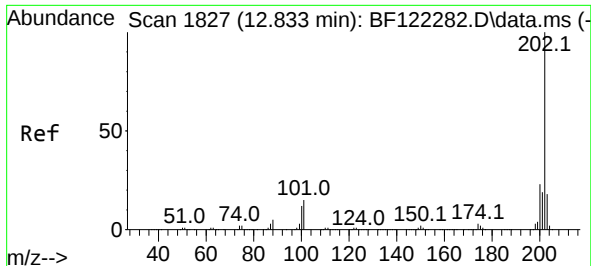
Tgt Ion:240 Resp: 1032773
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.8 20.9 31.3



#77
Benzidine
Concen: 4.18 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:184 Resp: 119783
Ion Ratio Lower Upper
184 100
185 17.5 11.6 17.4#
183 11.9 9.4 14.0

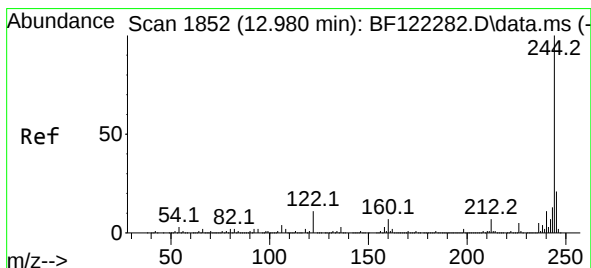
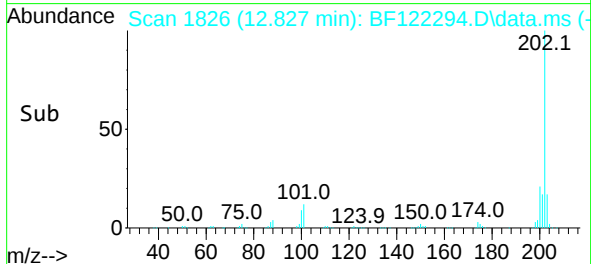
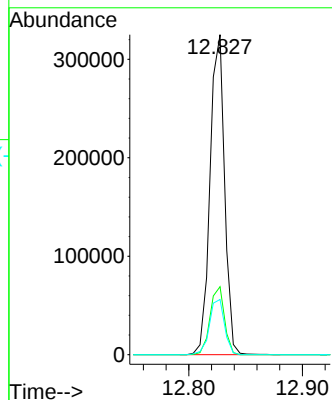
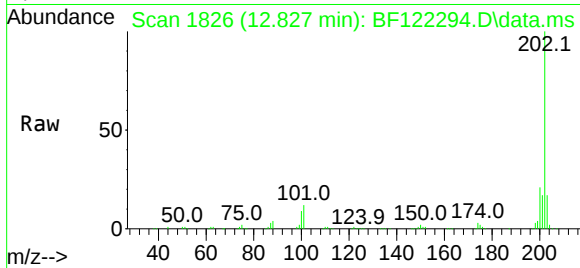




#78
Pyrene
Concen: 3.97 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

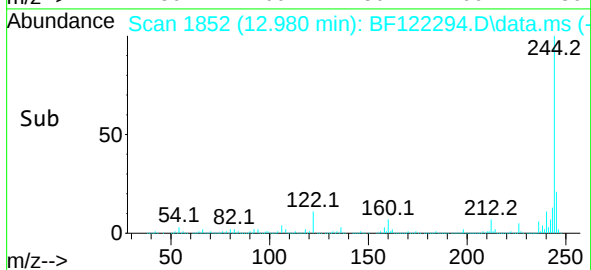
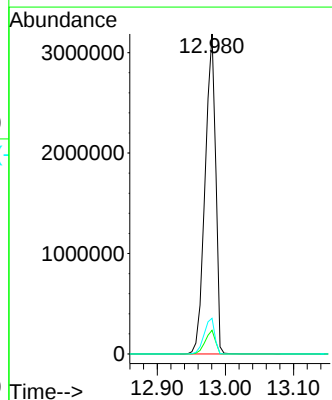
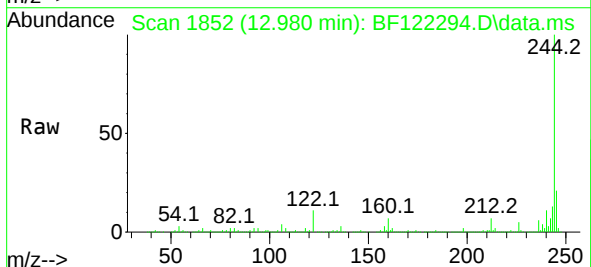
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

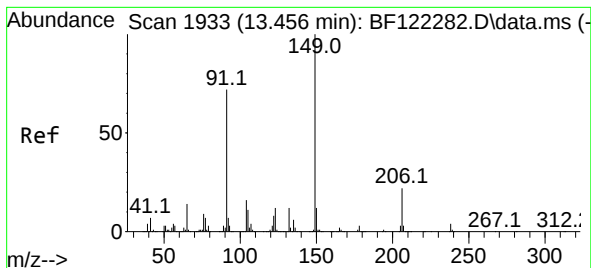
Tgt Ion:202 Resp: 288230
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 70.22 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:244 Resp: 3423339
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.2 8.1 12.1

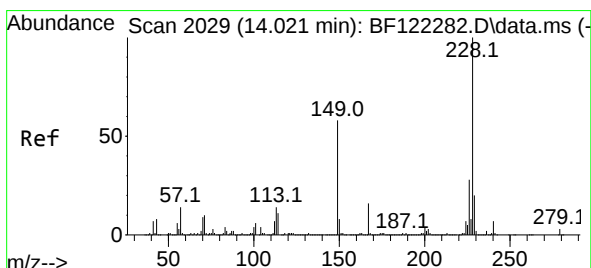
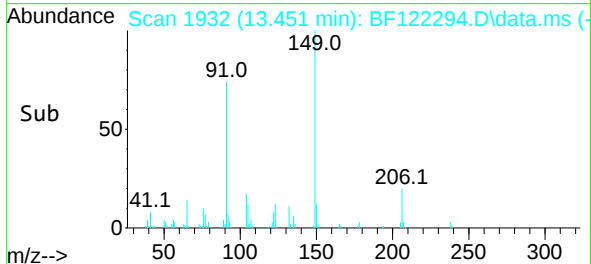
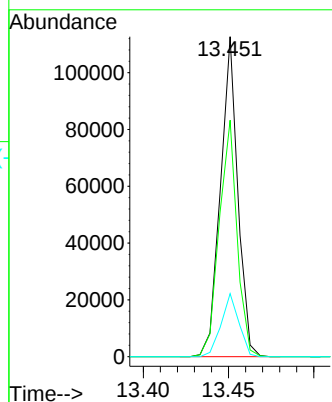
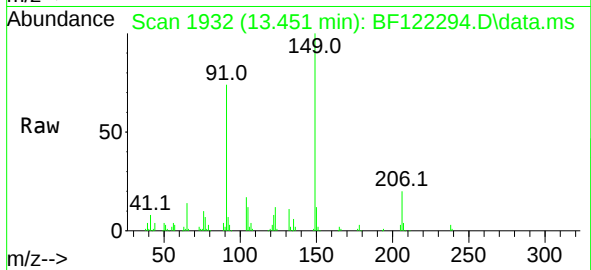




#80
Butylbenzylphthalate
Concen: 3.06 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

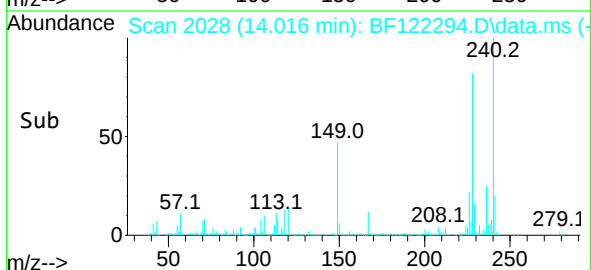
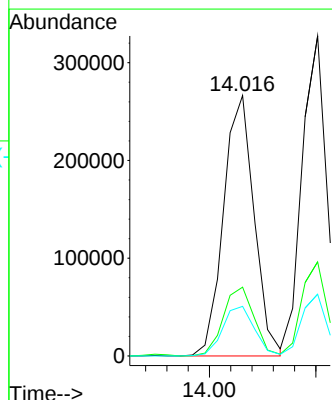
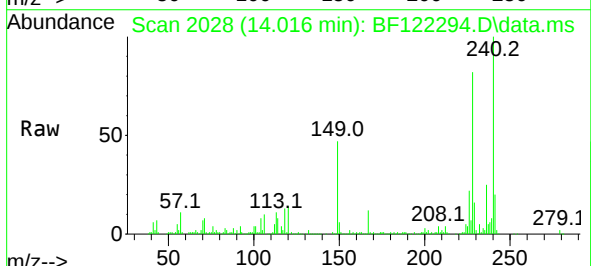
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

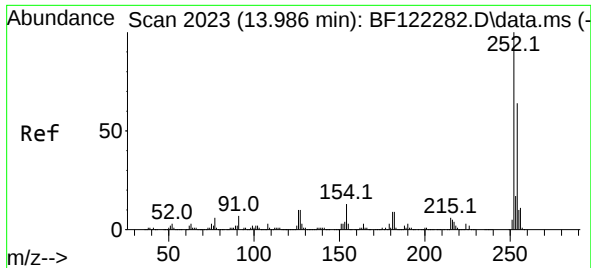
Tgt Ion:149 Resp: 79933
Ion Ratio Lower Upper
149 100
91 73.9 61.0 91.4
206 19.7 16.7 25.1



#81
Benzo(a)anthracene
Concen: 4.15 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:228 Resp: 266532
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.0 16.2 24.4

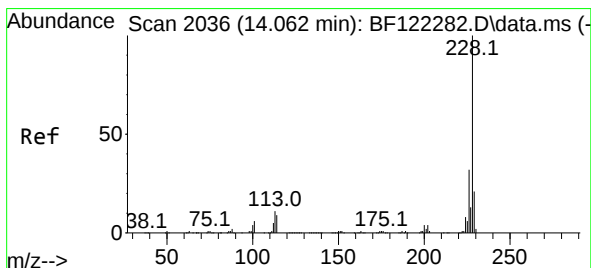
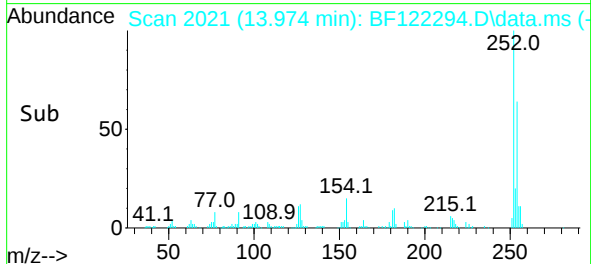
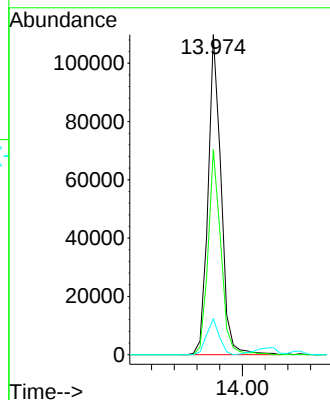
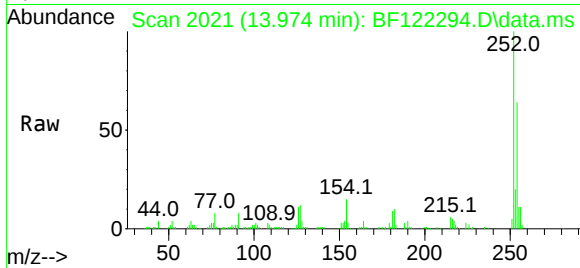




#82
3,3'-Dichlorobenzidine
Concen: 3.63 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

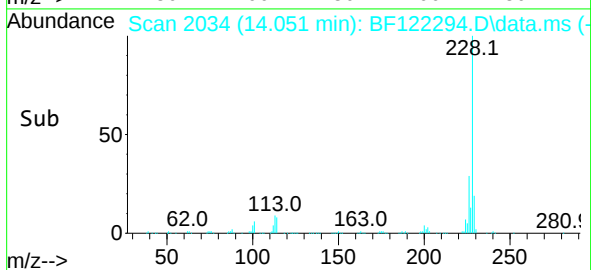
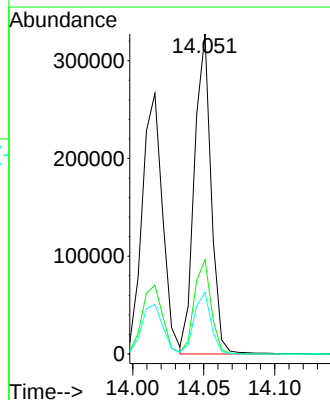
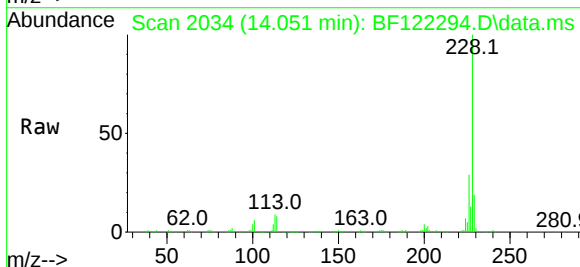
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

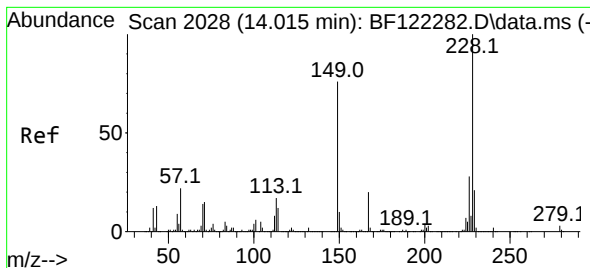
Tgt Ion:252 Resp: 86837
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 11.2 8.8 13.2



#83
Chrysene
Concen: 4.14 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:228 Resp: 267824
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 19.3 15.9 23.9

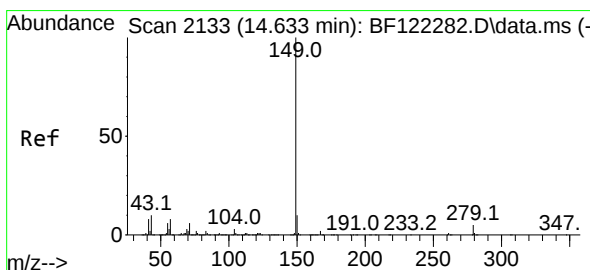
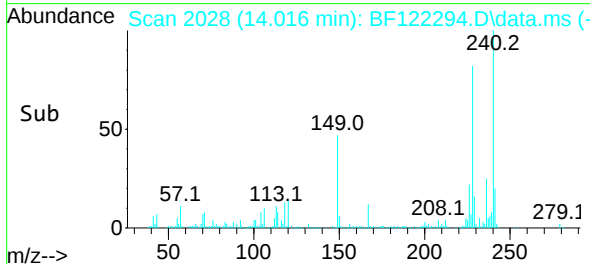
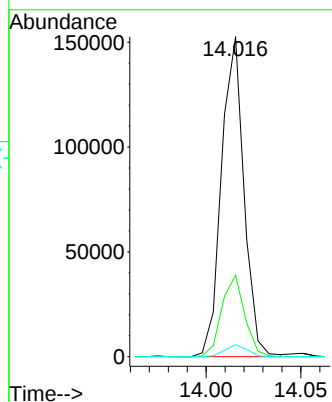
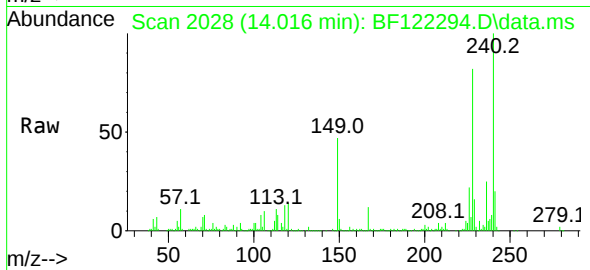




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.60 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

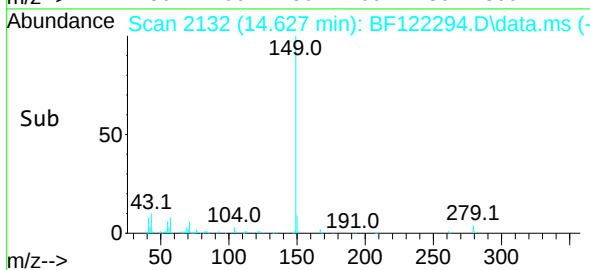
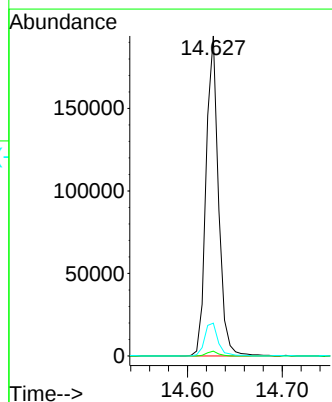
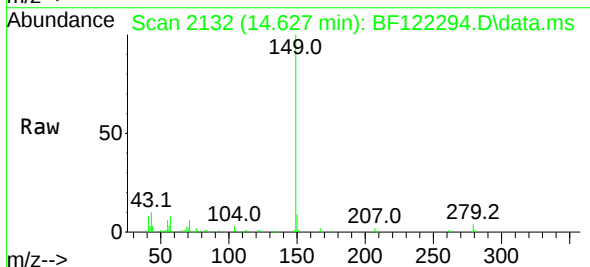
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

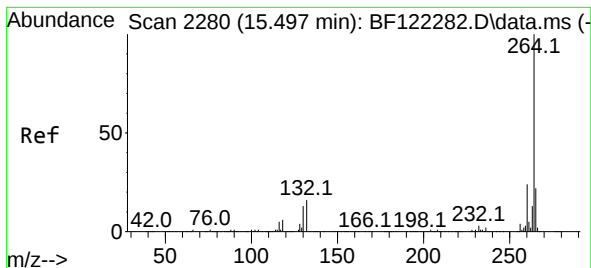
Tgt Ion:149 Resp: 126072
Ion Ratio Lower Upper
149 100
167 25.5 20.9 31.3
279 3.7 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 2.96 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:149 Resp: 175666
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.6



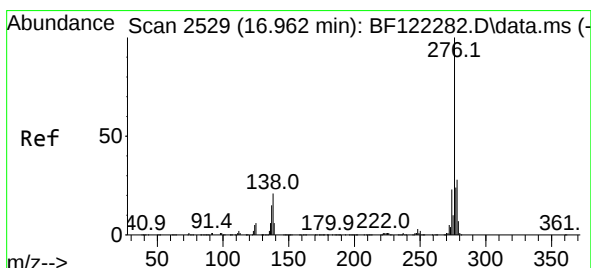
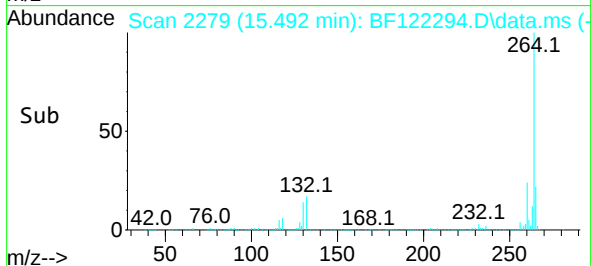
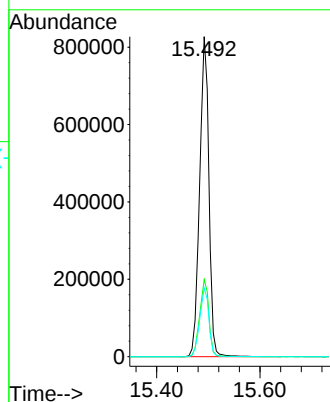
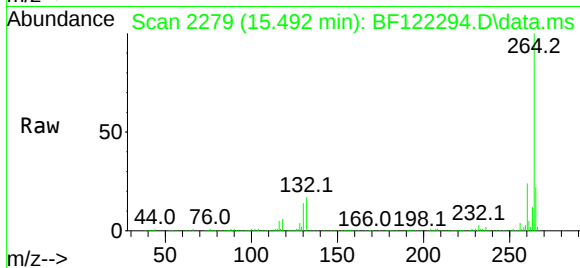


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

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

Tgt Ion:264 Resp: 1028379

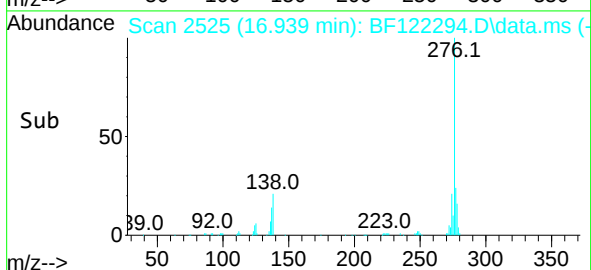
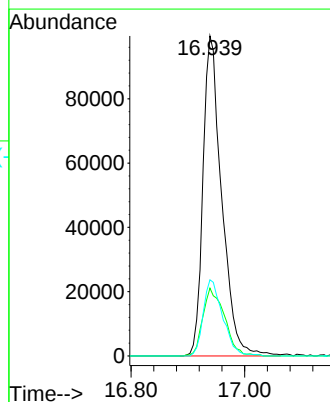
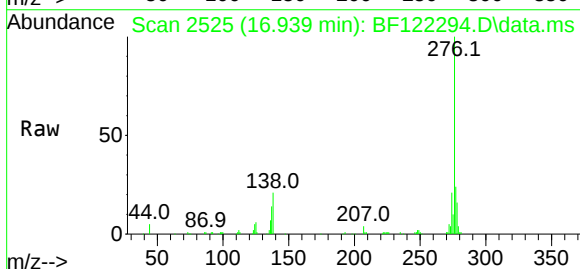
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	17.3	25.9

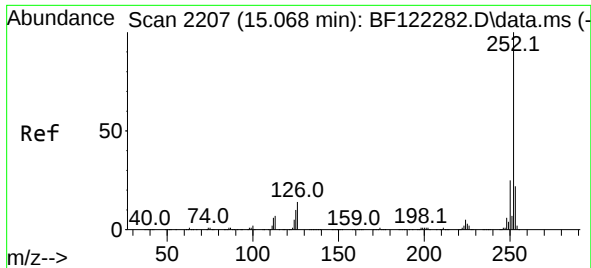


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:276 Resp: 228036

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.9	29.9
277	24.7	20.4	30.6

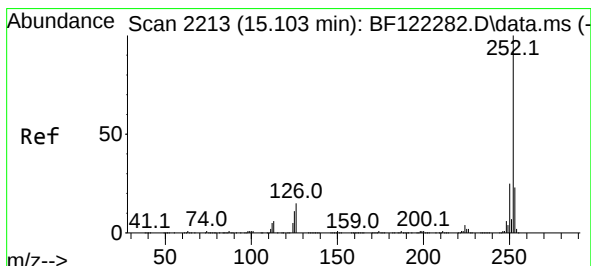
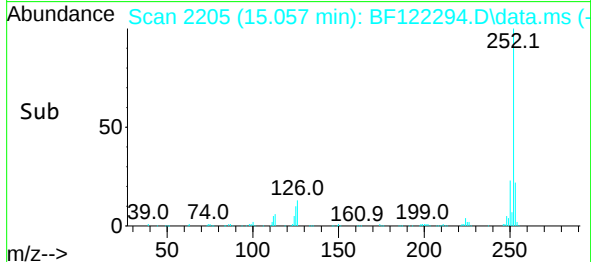
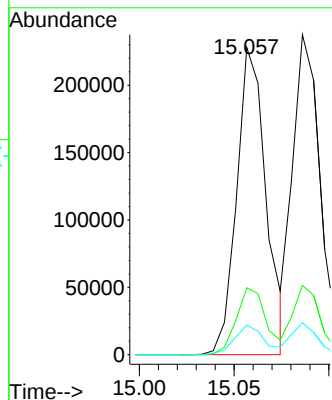
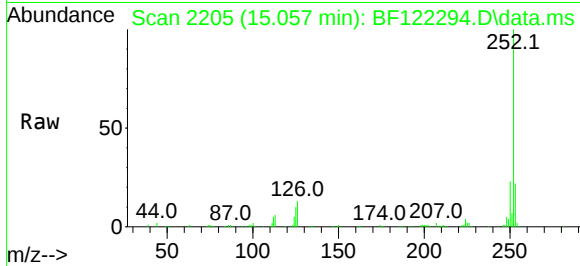




#88
Benzo(b)fluoranthene
Concen: 3.69 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

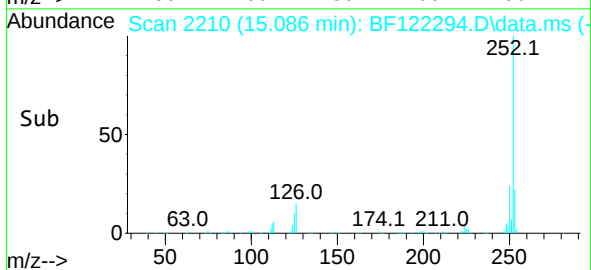
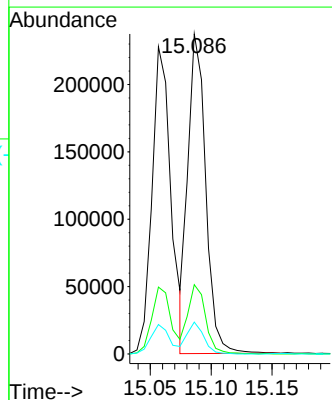
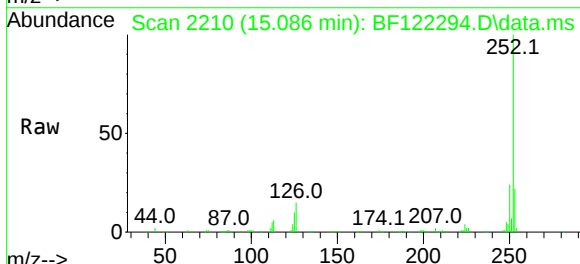
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

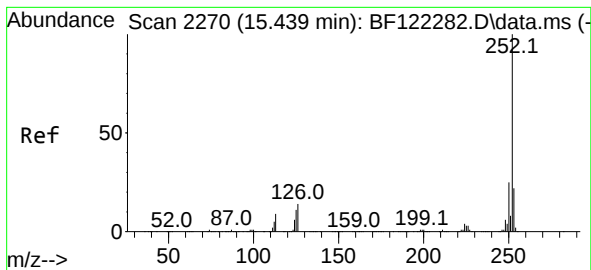
Tgt Ion:252 Resp: 245921
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.6 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 3.71 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:252 Resp: 241162
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.0 7.7 11.5

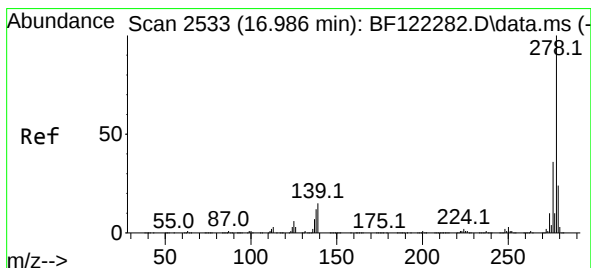
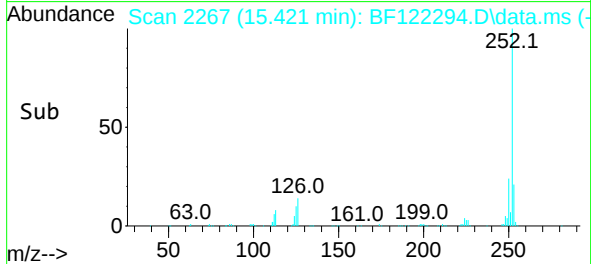
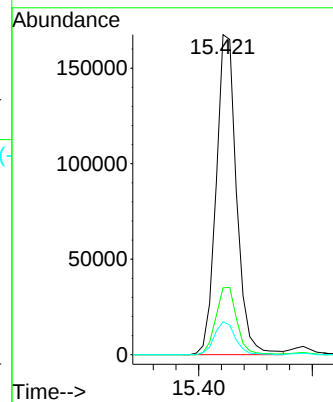
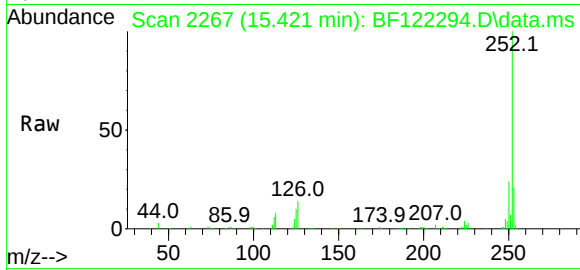




#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

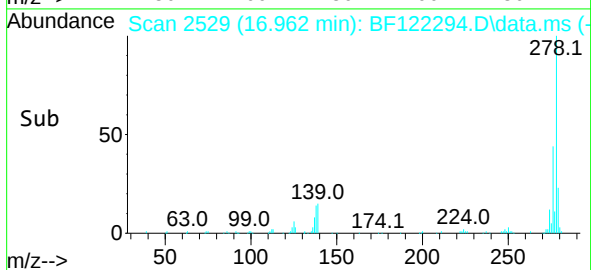
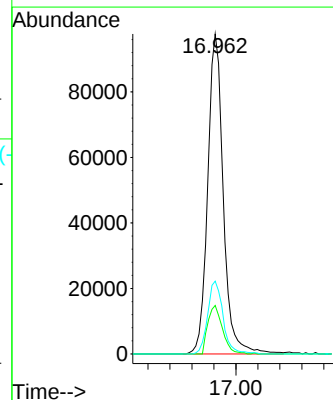
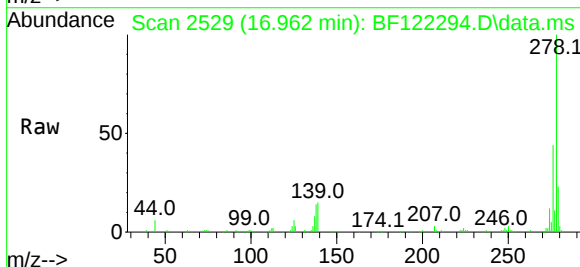
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

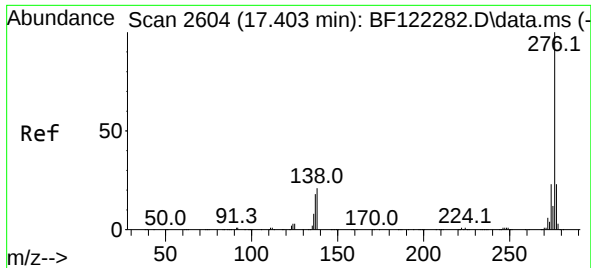
Tgt Ion:252 Resp: 209123
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 10.3 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 3.73 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:278 Resp: 192615
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 22.8 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 3.72 ng

RT: 17.380 min Scan# 2600

Delta R.T. -0.023 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

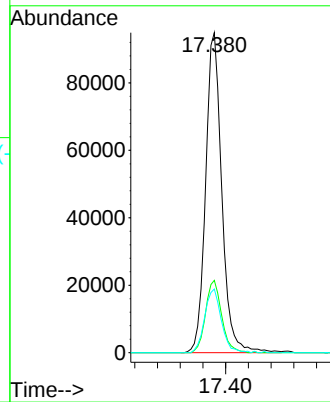
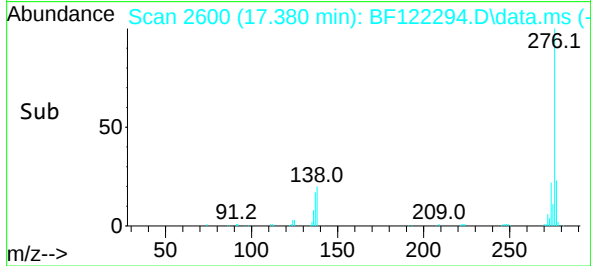
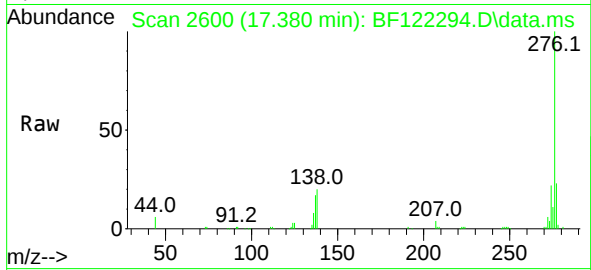
Tgt Ion:276 Resp: 187111

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.2

138 19.9 17.8 26.6



Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020