

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122298.D
 Acq On : 10 Nov 2020 14:54
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 10 15:19:36 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	302853	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1173366	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	627851	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1143857	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1046944	20.00	ng	0.00
86) Perylene-d12	15.492	264	1006369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1770726	89.78	ng	0.00
7) Phenol-d6	6.487	99	2251105	87.24	ng	0.00
23) Nitrobenzene-d5	7.428	82	1605041	83.74	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	616145	91.44	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2821679	70.22	ng	0.00
79) Terphenyl-d14	12.980	244	3095699	62.64	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	72722	8.04	ng	94
3) Pyridine	3.410	79	199566	8.02	ng	94
4) n-Nitrosodimethylamine	3.322	42	92875	7.92	ng	97
6) Aniline	6.528	93	277150	8.19	ng	97
8) 2-Chlorophenol	6.645	128	174704	8.54	ng	95
9) Benzaldehyde	6.410	77	147876	10.16	ng	99
10) Phenol	6.498	94	214273	8.43	ng	# 76
11) bis(2-Chloroethyl)ether	6.598	93	169217	8.38	ng	95
12) 1,3-Dichlorobenzene	6.804	146	197330	8.50	ng	100
13) 1,4-Dichlorobenzene	6.881	146	198081	8.49	ng	97
14) 1,2-Dichlorobenzene	7.034	146	193193	8.87	ng	99
15) Benzyl Alcohol	6.998	79	138687	7.56	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	247332	8.40	ng	97
17) 2-Methylphenol	7.104	107	143117	8.38	ng	99
18) Hexachloroethane	7.381	117	69637	8.57	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	130948	8.49	ng	95
20) 3+4-Methylphenols	7.257	107	182705	8.70	ng	# 67
22) Acetophenone	7.269	105	254710	8.33	ng	# 87
24) Nitrobenzene	7.445	77	194033	8.85	ng	96
25) Isophorone	7.681	82	336753	7.88	ng	97
26) 2-Nitrophenol	7.763	139	63270	8.55	ng	97
27) 2,4-Dimethylphenol	7.792	122	161163	8.00	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	209824	8.03	ng	99
29) 2,4-Dichlorophenol	7.998	162	140760	7.89	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	160984	8.17	ng	96
31) Naphthalene	8.169	128	518368	8.31	ng	99
32) Benzoic acid	7.851	122	46293	5.09	ng	98
33) 4-Chloroaniline	8.210	127	215867	7.95	ng	98
34) Hexachlorobutadiene	8.292	225	91650	8.10	ng	99
35) Caprolactam	8.545	113	43590	7.71	ng	# 87
36) 4-Chloro-3-methylphenol	8.686	107	146171	7.85	ng	91
37) 2-Methylnaphthalene	8.863	142	345754	8.39	ng	98
38) 1-Methylnaphthalene	8.963	142	320575	8.31	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	155800	8.05	ng	99
41) Hexachlorocyclopentadiene	9.022	237	85048	7.52	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	97820	7.79	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122298.D
 Acq On : 10 Nov 2020 14:54
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 11 Sample Multiplier: 1

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

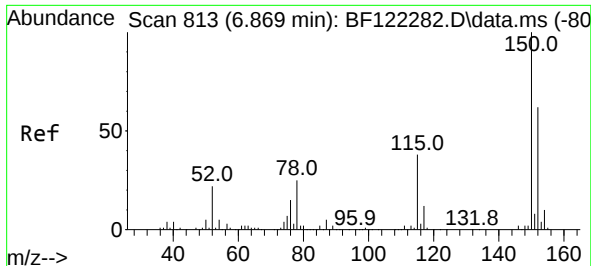
Quant Time: Nov 10 15:19:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	102895	7.81	ng	99
46) 1,1'-Biphenyl	9.328	154	416118	8.33	ng	96
47) 2-Chloronaphthalene	9.351	162	325970	8.22	ng	96
48) 2-Nitroaniline	9.433	65	83862	8.61	ng	91
49) Acenaphthylene	9.763	152	496344	8.14	ng	99
50) Dimethylphthalate	9.622	163	360806	8.08	ng	98
51) 2,6-Dinitrotoluene	9.681	165	72416	8.39	ng	89
52) Acenaphthene	9.939	154	320922	8.50	ng	100
53) 3-Nitroaniline	9.845	138	82349	8.26	ng	93
54) 2,4-Dinitrophenol	9.945	184	35307	13.39	ng	# 1
55) Dibenzofuran	10.110	168	455755	8.24	ng	96
56) 4-Nitrophenol	9.986	139	63489	7.46	ng	87
57) 2,4-Dinitrotoluene	10.080	165	90210	8.64	ng	# 87
58) Fluorene	10.451	166	361381	8.54	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	90289	8.24	ng	99
60) Diethylphthalate	10.322	149	356301	8.14	ng	97
61) 4-Chlorophenyl-phenyle...	10.445	204	169538	8.48	ng	98
62) 4-Nitroaniline	10.451	138	81647	8.32	ng	98
63) Azobenzene	10.604	77	368930	8.03	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	27402	6.30	ng	92
66) n-Nitrosodiphenylamine	10.557	169	310515	7.97	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	106075	7.89	ng	99
68) Hexachlorobenzene	10.998	284	117042	8.06	ng	99
69) Atrazine	11.080	200	88338	9.10	ng	97
70) Pentachlorophenol	11.186	266	58999	7.05	ng	99
71) Phenanthrene	11.410	178	540478	8.33	ng	99
72) Anthracene	11.463	178	556178	8.32	ng	98
73) Carbazole	11.610	167	495901	8.15	ng	100
74) Di-n-butylphthalate	11.951	149	536386	8.27	ng	99
75) Fluoranthene	12.598	202	564861	8.34	ng	97
77) Benzidine	12.716	184	272679	9.39	ng	# 95
78) Pyrene	12.827	202	585448	7.96	ng	99
80) Butylbenzylphthalate	13.451	149	202879	7.67	ng	94
81) Benzo(a)anthracene	14.016	228	535671	8.23	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	193622	7.98	ng	98
83) Chrysene	14.051	228	531681	8.11	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	285288	8.04	ng	98
85) Di-n-octyl phthalate	14.627	149	449127	7.47	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	466810	7.73	ng	99
88) Benzo(b)fluoranthene	15.057	252	506100	7.77	ng	99
89) Benzo(k)fluoranthene	15.086	252	501786	7.90	ng	99
90) Benzo(a)pyrene	15.427	252	436447	7.68	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	389542	7.70	ng	99
92) Benzo(g,h,i)perylene	17.380	276	380022	7.73	ng	98

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

Quant Time: Nov 10 15:19:36 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

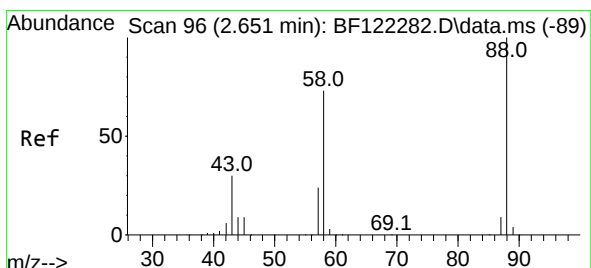
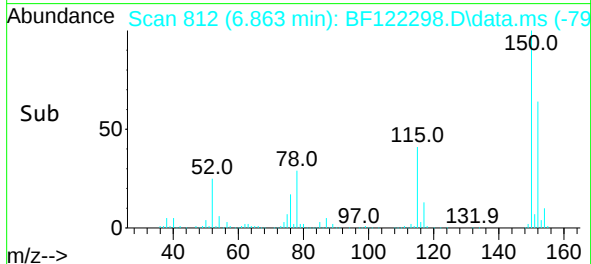
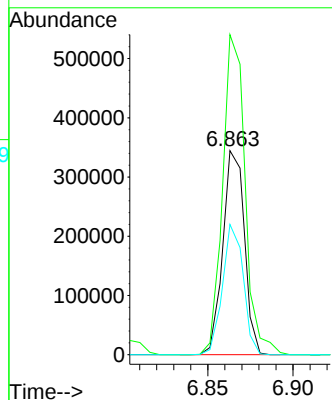
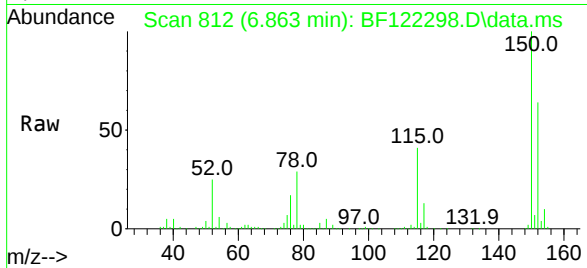




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

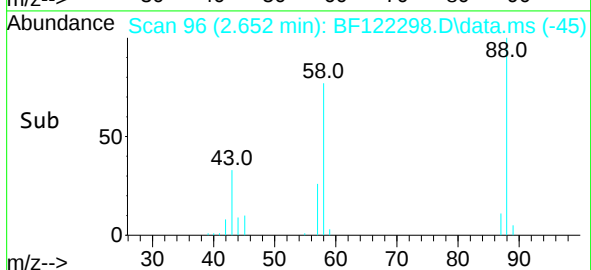
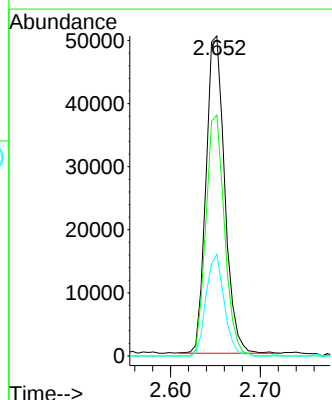
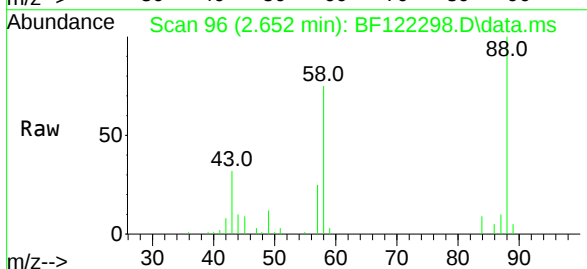
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

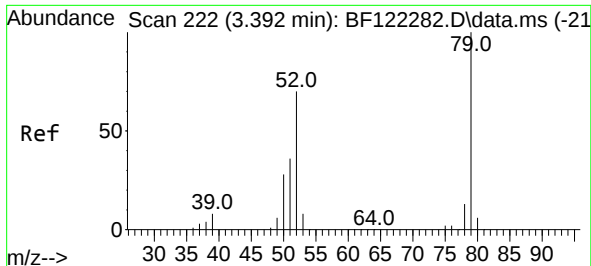
Tgt Ion:152 Resp: 302853
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 63.8 51.9 77.9



#2
 1,4-Dioxane
 Concen: 8.04 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

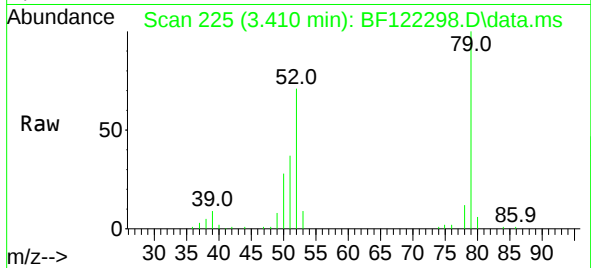
Tgt Ion: 88 Resp: 72722
 Ion Ratio Lower Upper
 88 100
 58 75.7 65.8 98.8
 43 31.2 25.8 38.8



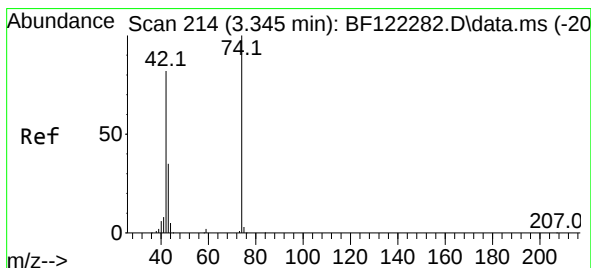
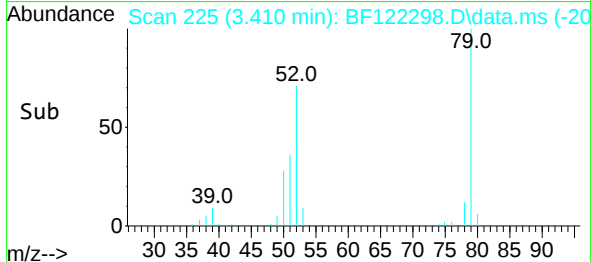
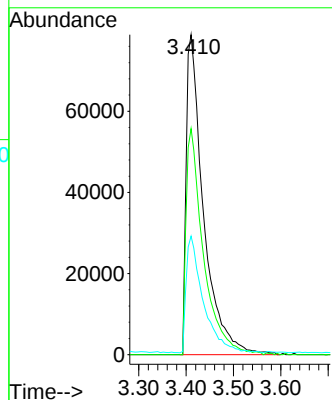


#3
Pyridine
Concen: 8.02 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.018 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

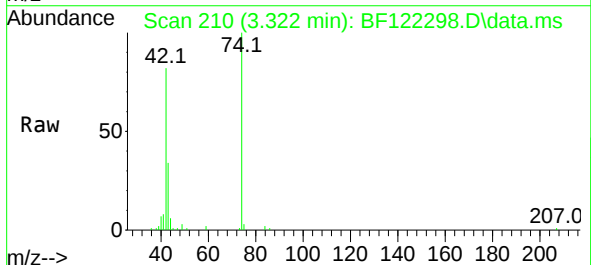
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



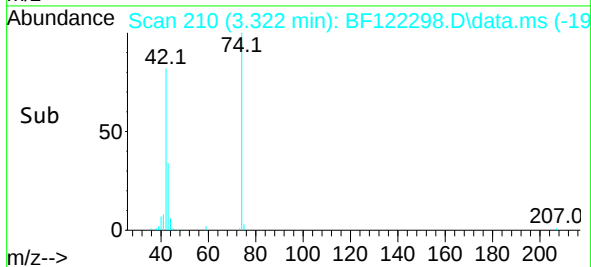
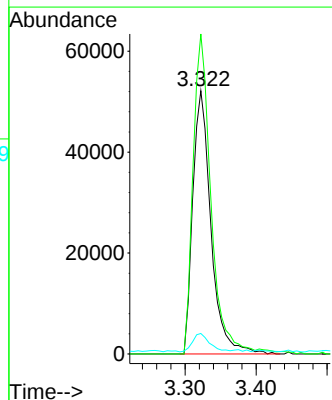
Tgt Ion: 79 Resp: 199566
Ion Ratio Lower Upper
79 100
52 70.7 62.2 93.4
51 37.1 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 7.92 ng
RT: 3.322 min Scan# 210
Delta R.T. -0.023 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54



Tgt Ion: 42 Resp: 92875
Ion Ratio Lower Upper
42 100
74 121.6 100.2 150.2
44 7.8 5.8 8.6

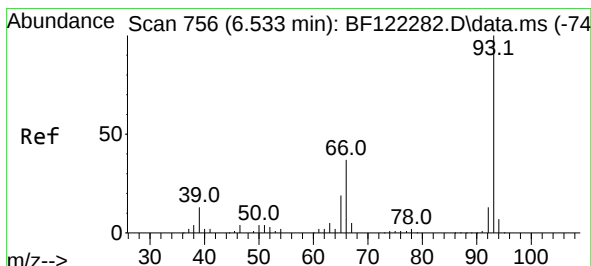
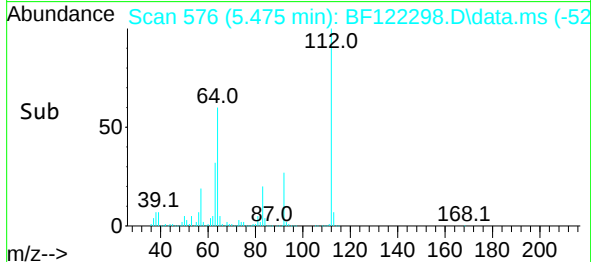
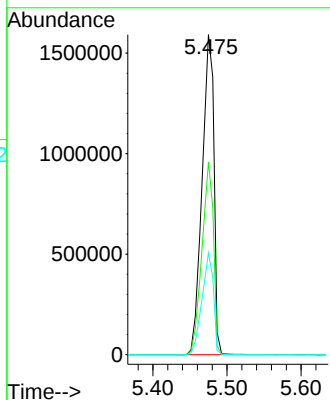
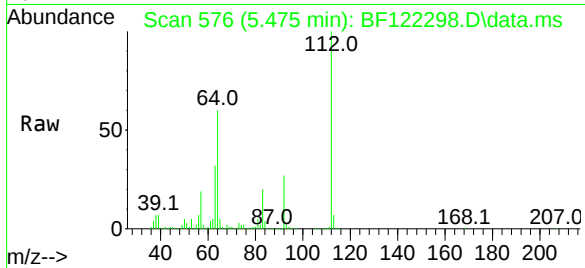




#5
2-Fluorophenol
Concen: 89.78 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

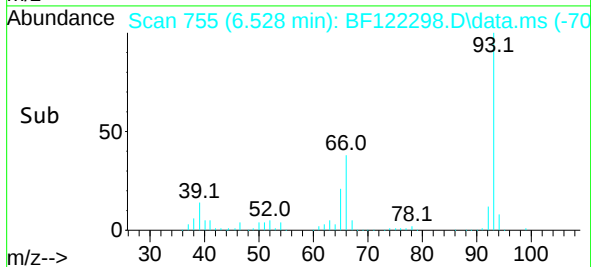
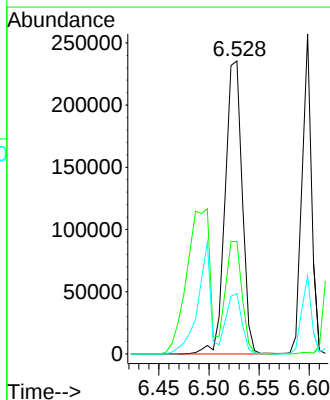
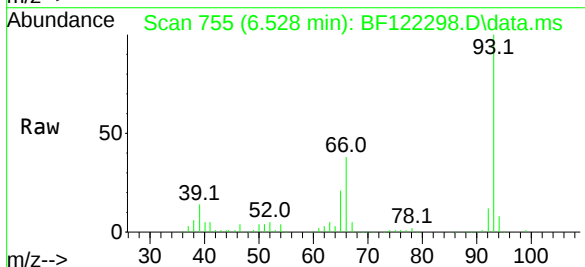
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

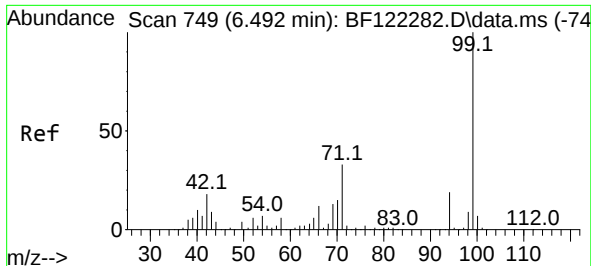
Tgt Ion:112 Resp: 1770726
Ion Ratio Lower Upper
112 100
64 60.2 50.4 75.6
63 31.8 25.8 38.6



#6
Aniline
Concen: 8.19 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 93 Resp: 277150
Ion Ratio Lower Upper
93 100
66 38.4 32.7 49.1
65 20.6 16.6 24.8

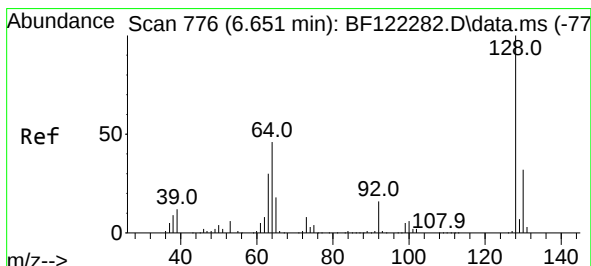
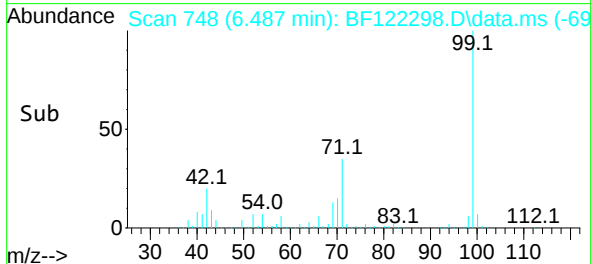
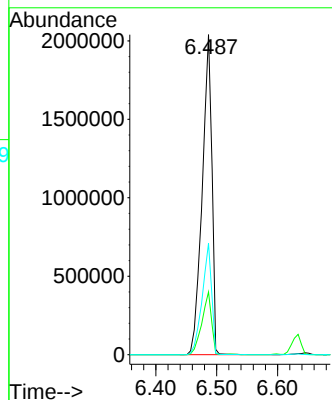
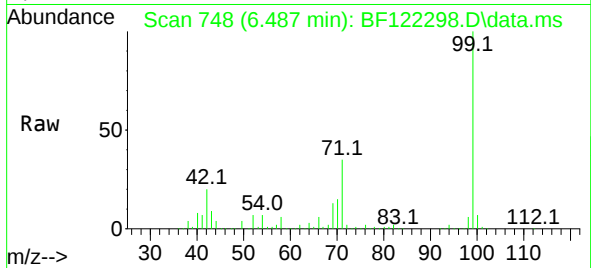




#7
Phenol-d6
Concen: 87.24 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

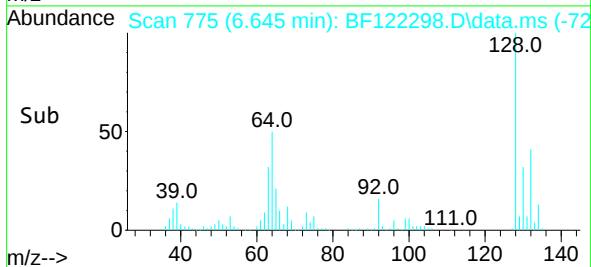
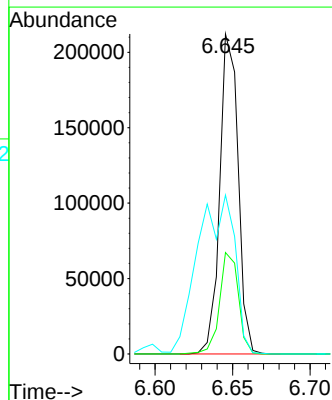
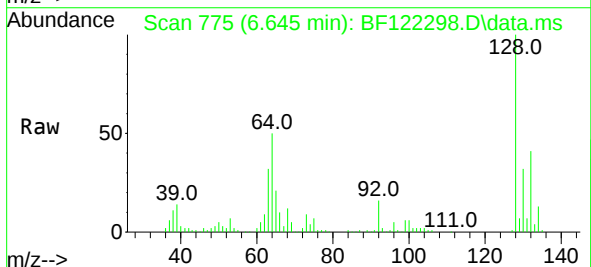
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

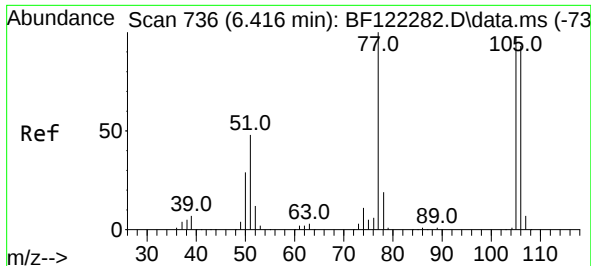
Tgt Ion: 99 Resp: 2251105
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 34.8 27.1 40.7



#8
2-Chlorophenol
Concen: 8.54 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 128 Resp: 174704
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 49.7 34.8 74.8

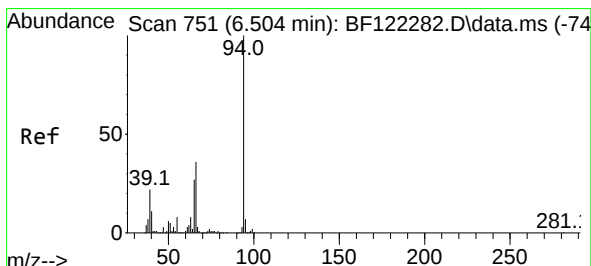
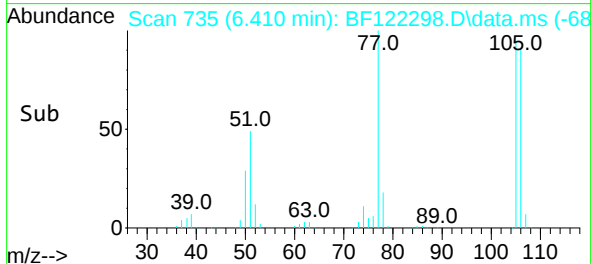
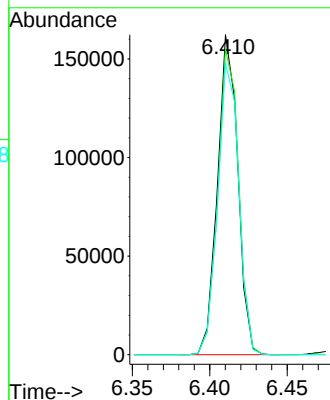
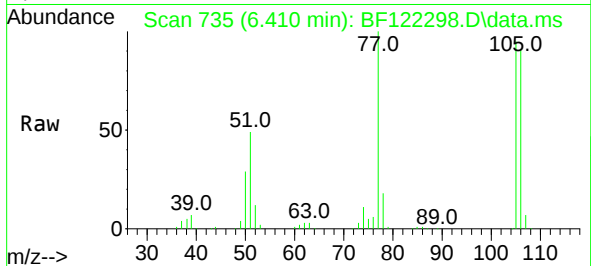




#9
Benzaldehyde
Concen: 10.16 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

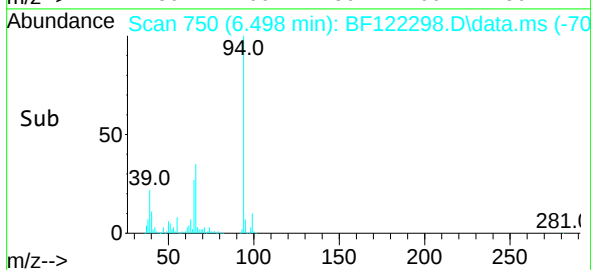
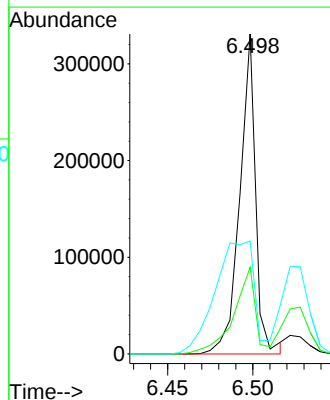
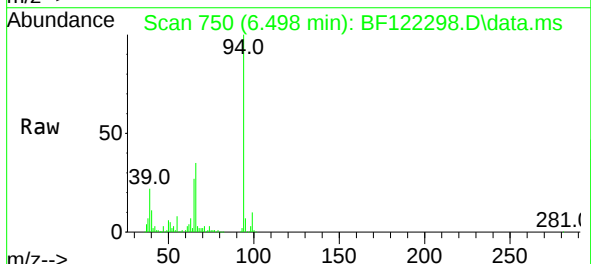
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

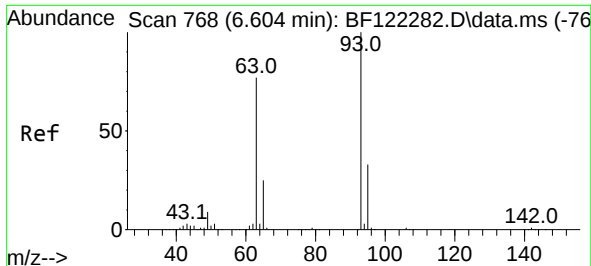
Tgt Ion:	77	Resp:	147876
Ion	Ratio	Lower	Upper
77	100		
105	95.4	76.7	116.7
106	90.9	71.3	111.3



#10
Phenol
Concen: 8.43 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:	94	Resp:	214273
Ion	Ratio	Lower	Upper
94	100		
65	27.1	17.1	57.1
66	35.3	36.0	76.0





#11

bis(2-Chloroethyl)ether

Concen: 8.38 ng

RT: 6.598 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

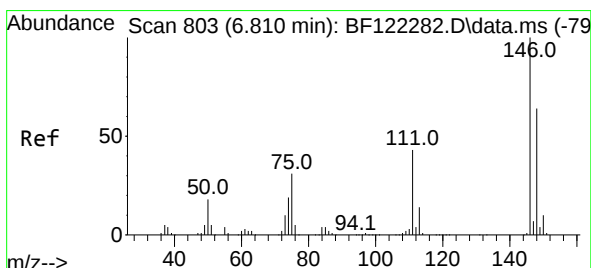
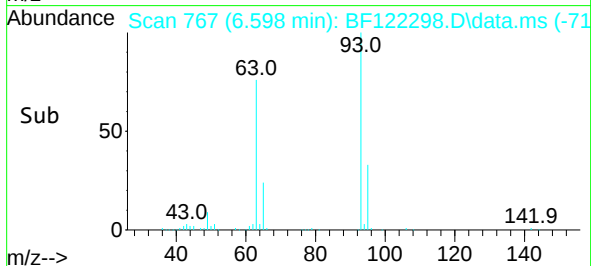
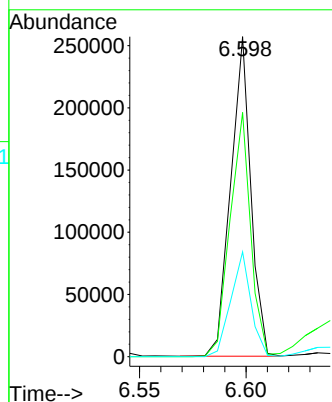
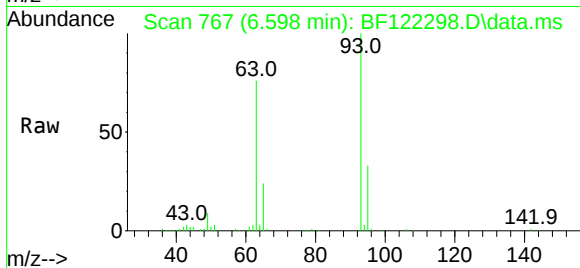
Tgt Ion: 93 Resp: 169217

Ion Ratio Lower Upper

93 100

63 76.3 62.4 102.4

95 32.7 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 8.50 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

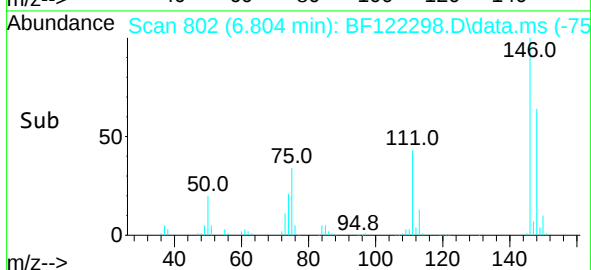
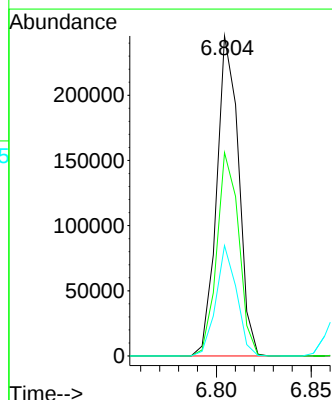
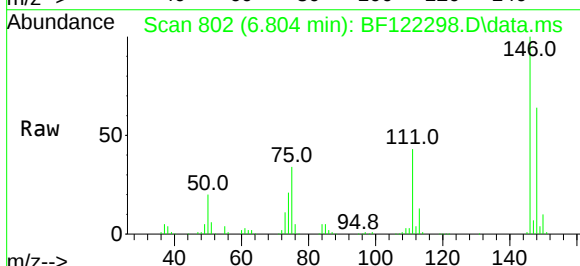
Tgt Ion: 146 Resp: 197330

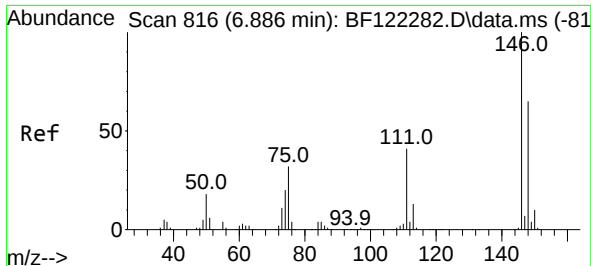
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 34.5 27.6 41.4

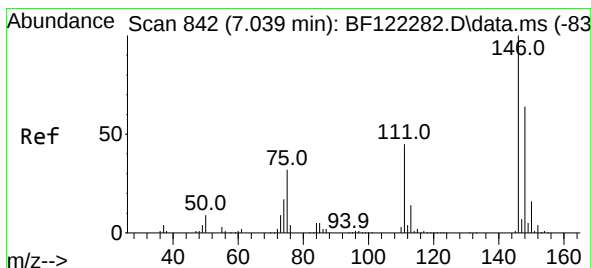
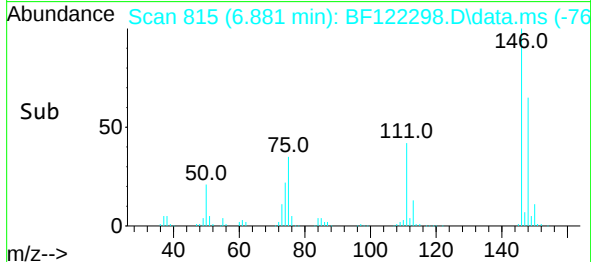
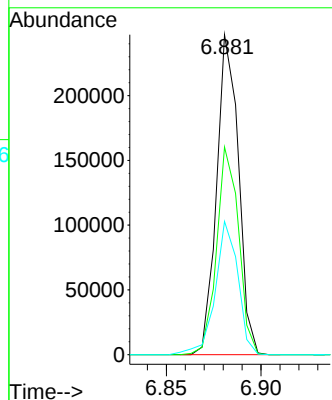
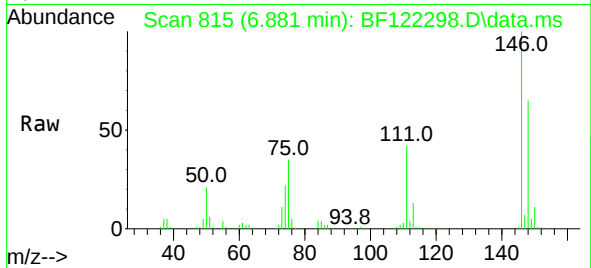




#13
1,4-Dichlorobenzene
Concen: 8.49 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

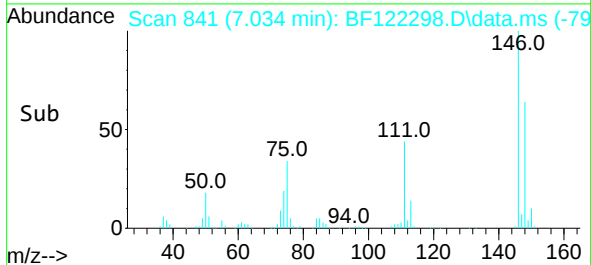
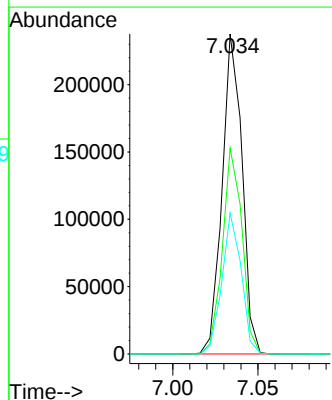
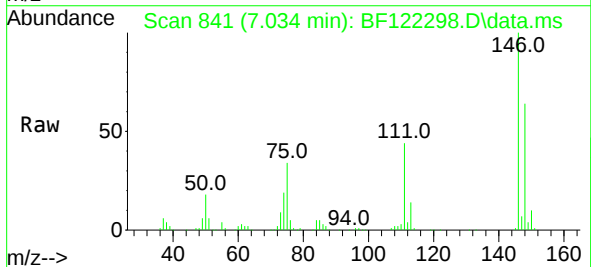
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

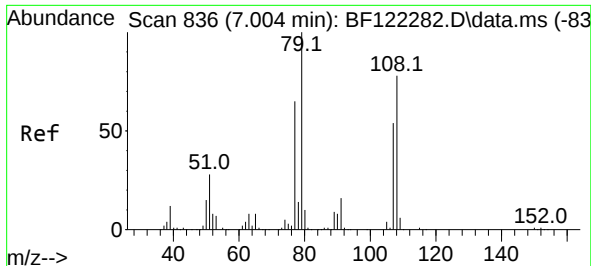
Tgt Ion:146 Resp: 198081
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 41.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 8.87 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:146 Resp: 193193
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 44.0 34.2 51.4





#15

Benzyl Alcohol

Concen: 7.56 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion: 79 Resp: 138687

Ion Ratio Lower Upper

79 100

108 77.9 62.3 93.5

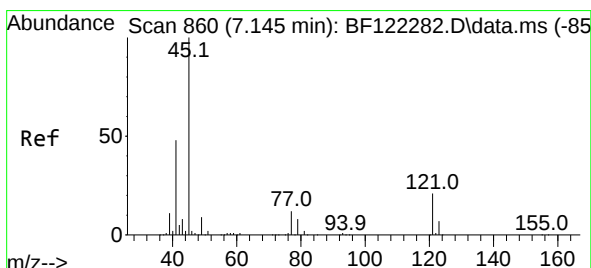
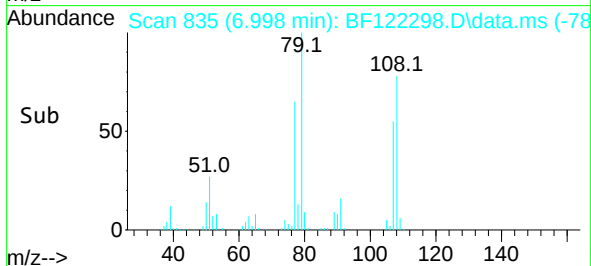
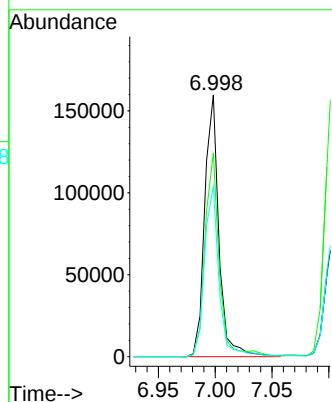
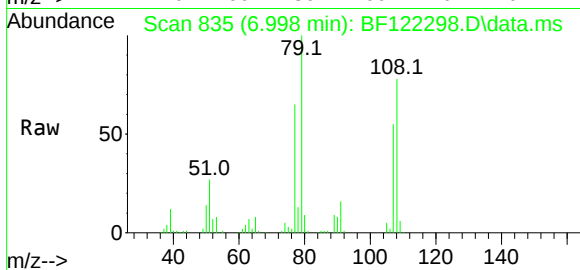
77 65.0 50.6 75.8

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.40 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

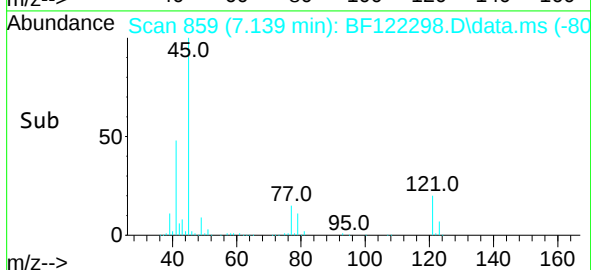
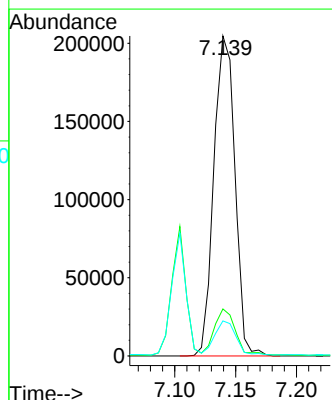
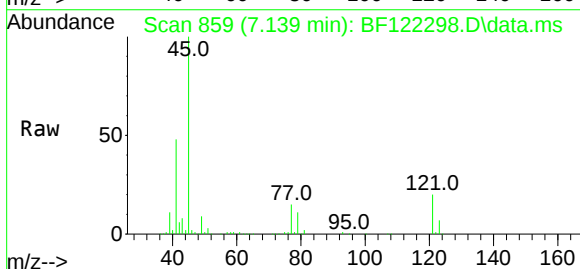
Tgt Ion: 45 Resp: 247332

Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.3

79 11.0 0.0 30.4

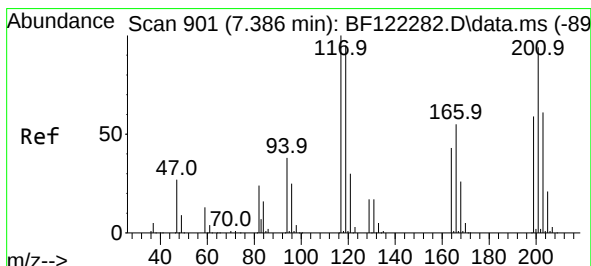
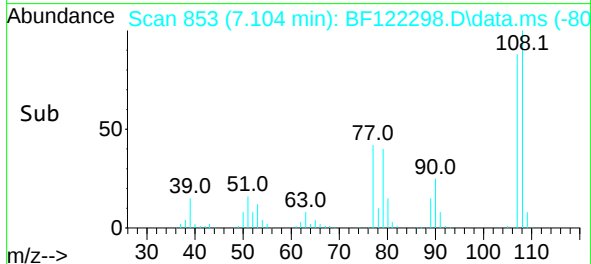
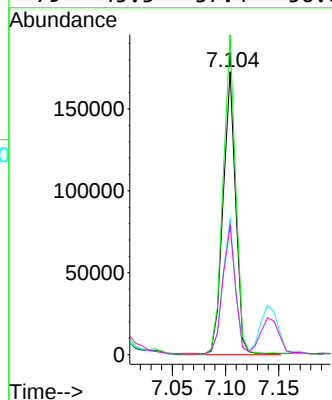
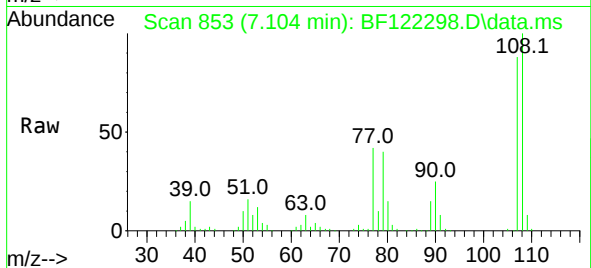




#17
2-Methylphenol
Concen: 8.38 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

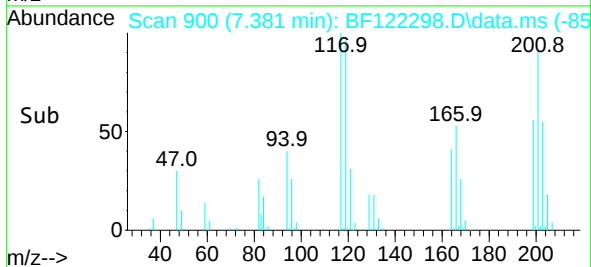
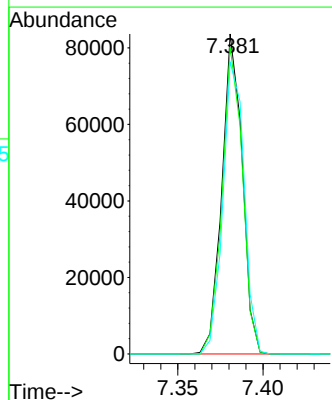
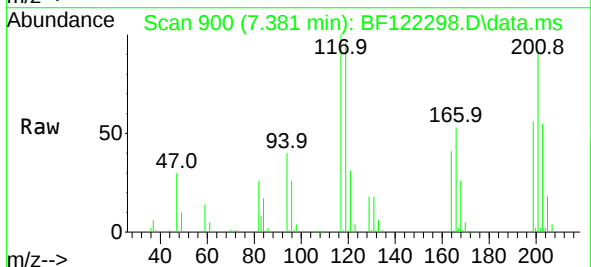
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

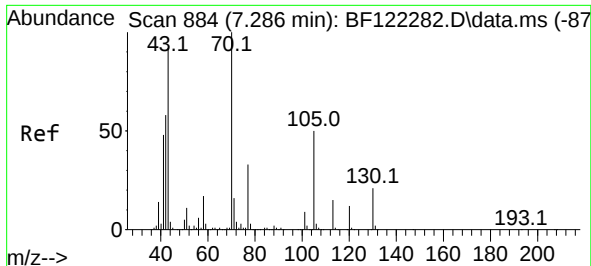
Tgt Ion:	107	Resp:	143117
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	47.9	37.5	56.3
79	45.5	37.4	56.0



#18
Hexachloroethane
Concen: 8.57 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:	117	Resp:	69637
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
201	91.2	71.8	107.6



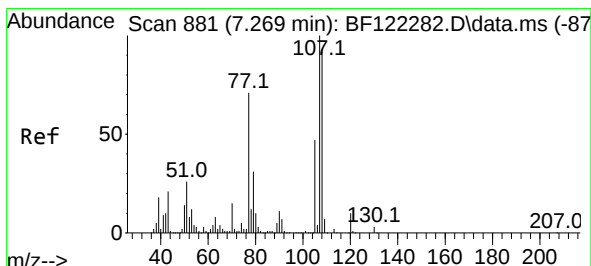
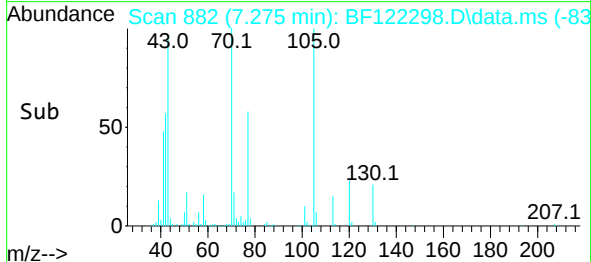
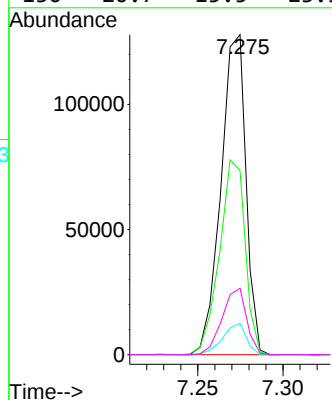
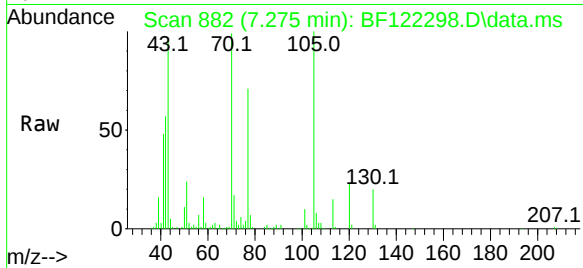


#19
n-Nitroso-di-n-propylamine
Concen: 8.49 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

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

Tgt Ion: 70 Resp: 130948

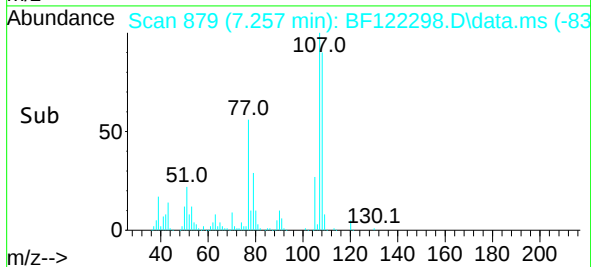
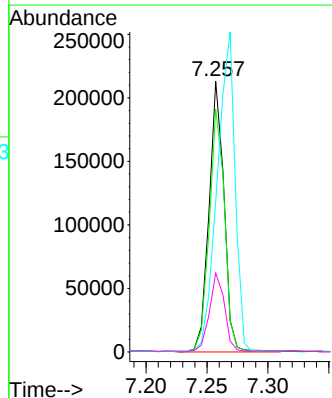
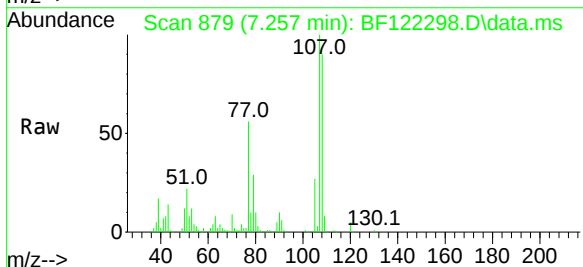
Ion	Ratio	Lower	Upper
70	100		
42	57.5	50.2	75.4
101	9.8	7.5	11.3
130	20.7	15.5	23.3

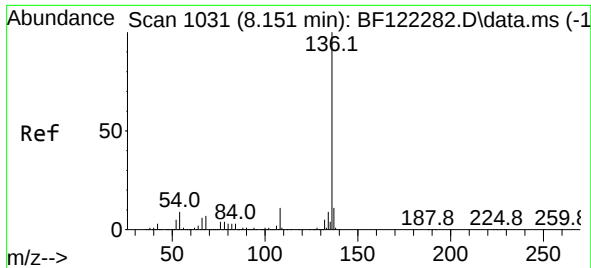


#20
3+4-Methylphenols
Concen: 8.70 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 107 Resp: 182705

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.9	108.9
77	55.7	108.0	148.0#
79	29.2	10.5	50.5



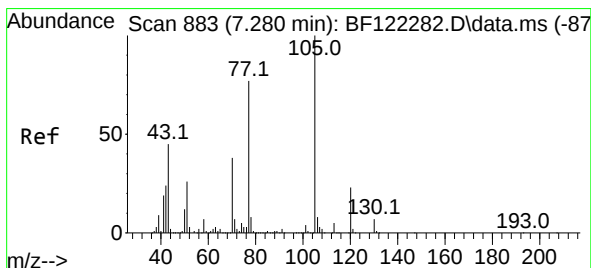
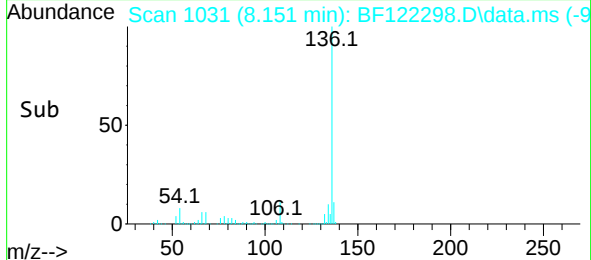
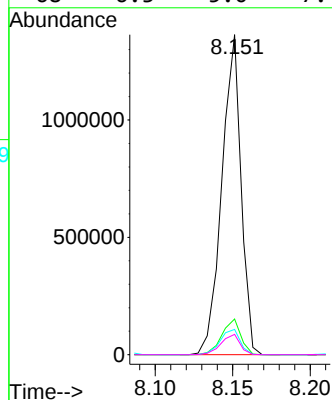
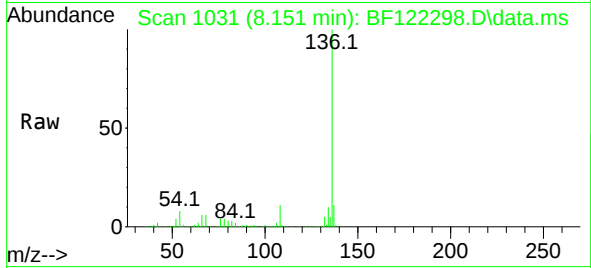


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

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

Tgt Ion:136 Resp: 1173366

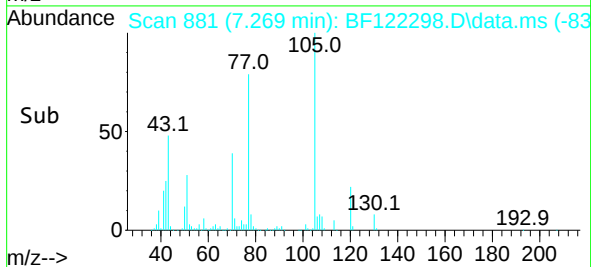
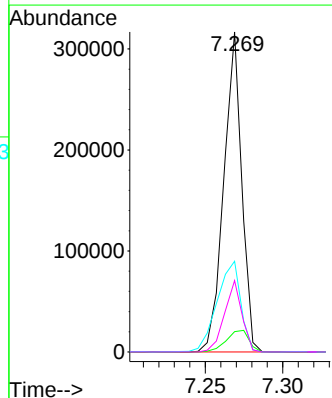
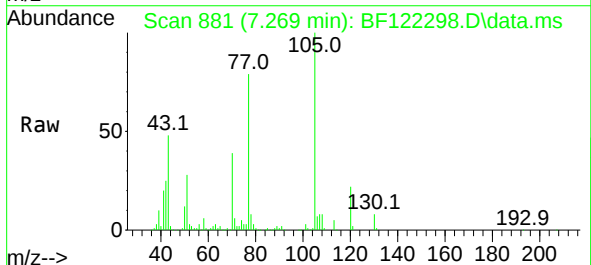
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.9	7.1	10.7
68	6.3	5.0	7.4

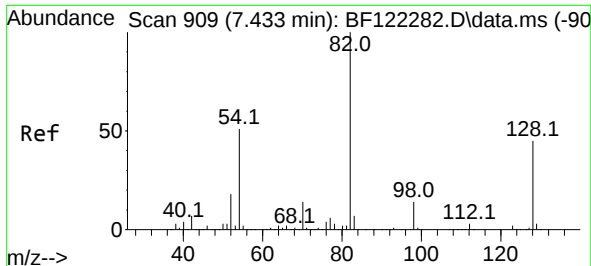


#22
Acetophenone
Concen: 8.33 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:105 Resp: 254710

Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.3	7.9
51	28.4	33.2	49.8#
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 83.74 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion: 82 Resp: 1605041

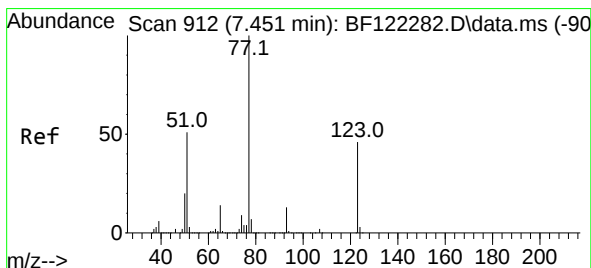
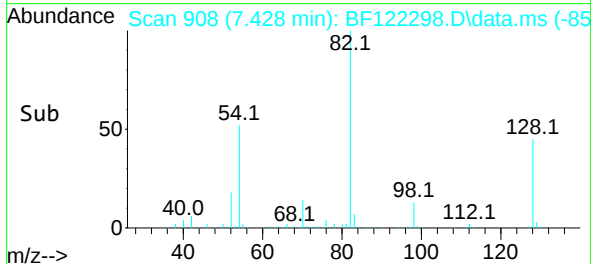
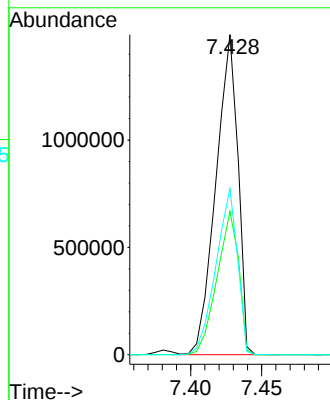
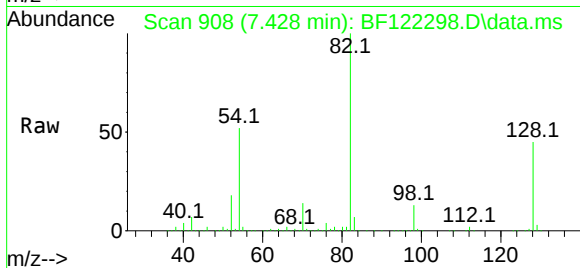
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.0	52.4
54	51.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#24

Nitrobenzene

Concen: 8.85 ng

RT: 7.445 min Scan# 911

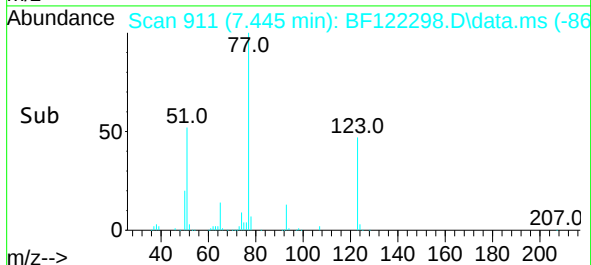
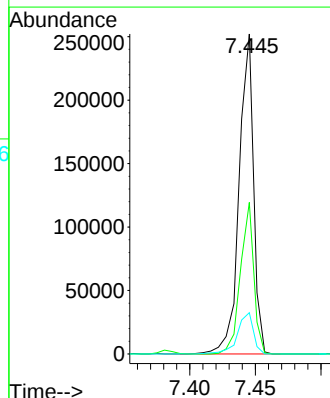
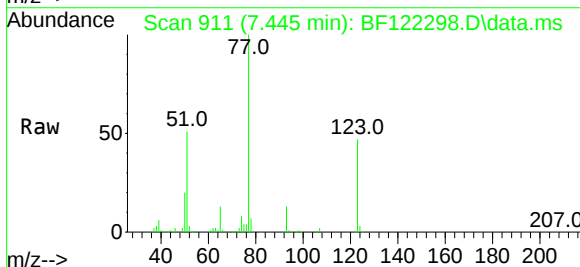
Delta R.T. -0.006 min

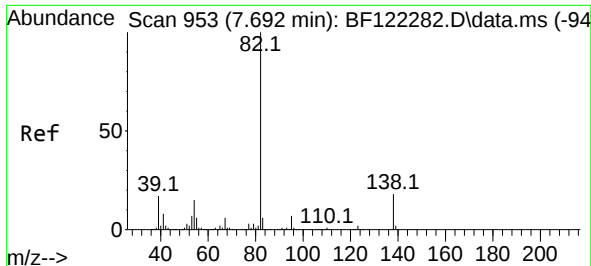
Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion: 77 Resp: 194033

Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.6	53.4
65	12.9	11.2	16.8

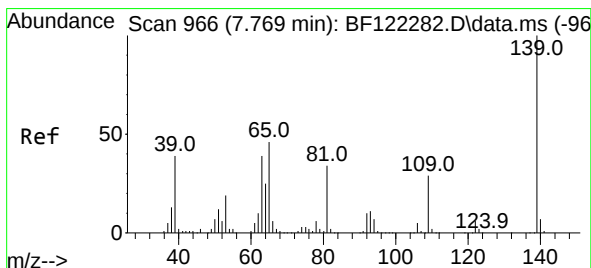
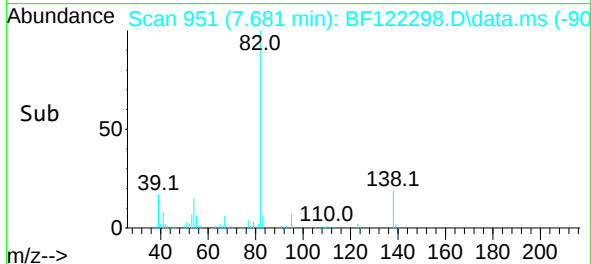
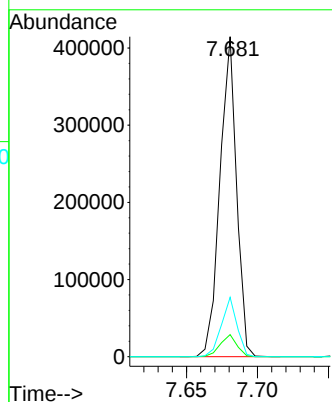
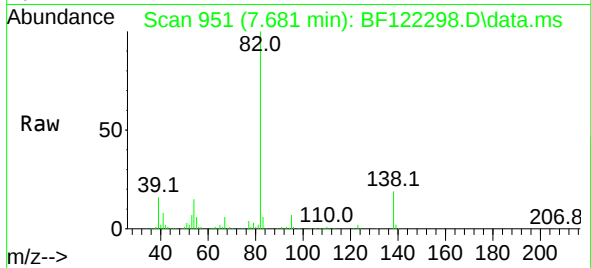




#25
Isophorone
Concen: 7.88 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

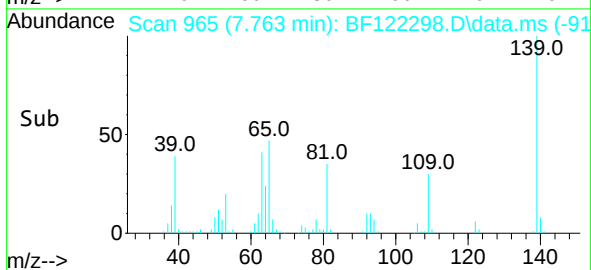
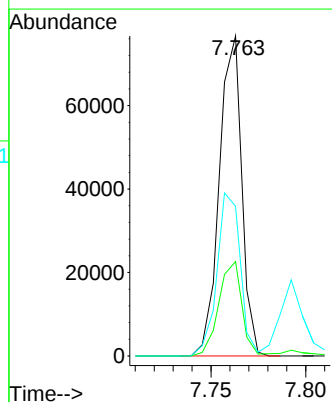
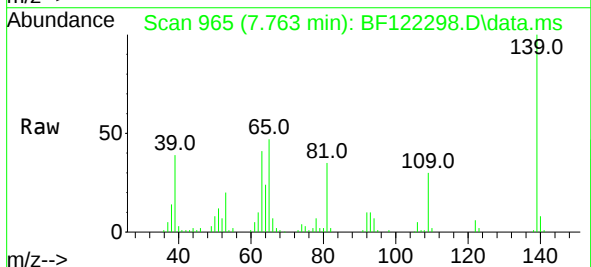
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

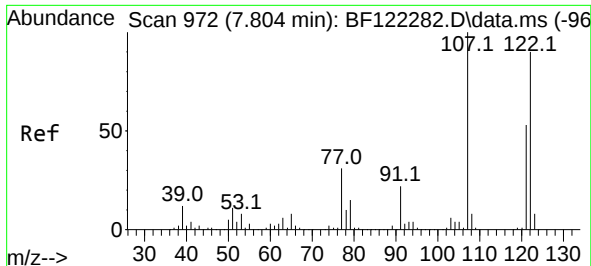
Tgt Ion: 82 Resp: 336753
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.6 13.4 20.0



#26
2-Nitrophenol
Concen: 8.55 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 139 Resp: 63270
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 46.7 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 8.00 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

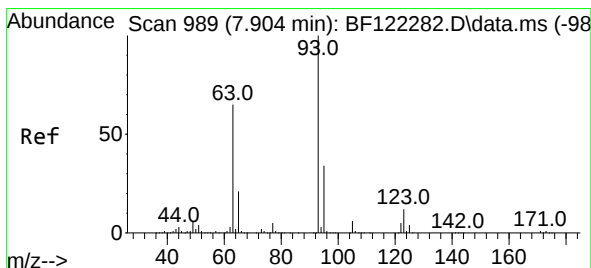
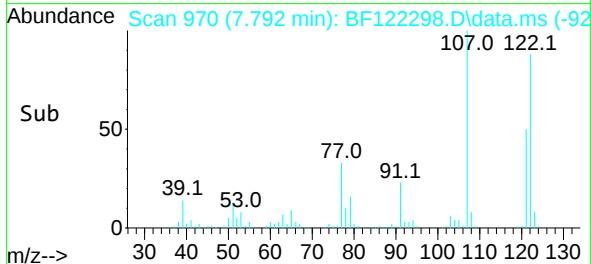
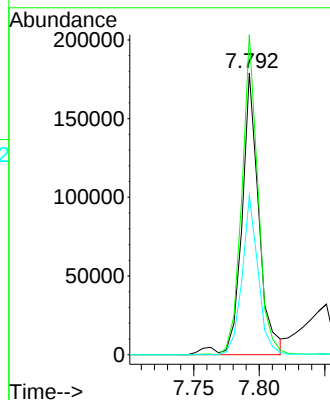
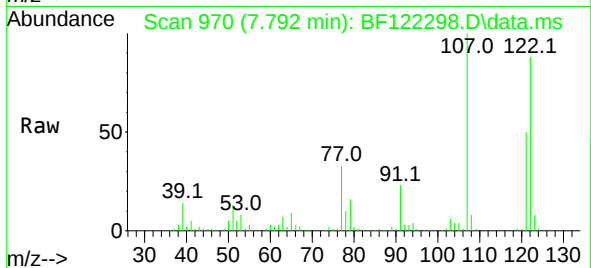
Tgt Ion:122 Resp: 161163

Ion Ratio Lower Upper

122 100

107 113.6 90.8 136.2

121 56.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 8.03 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

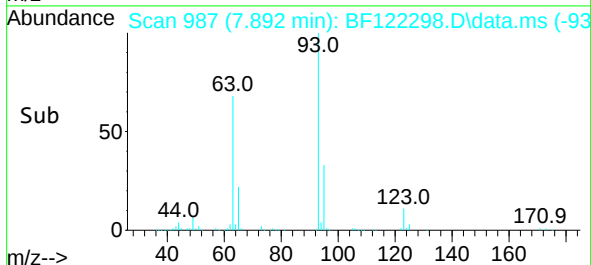
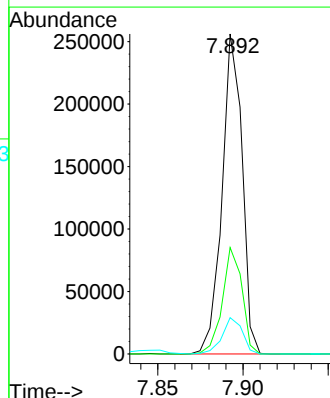
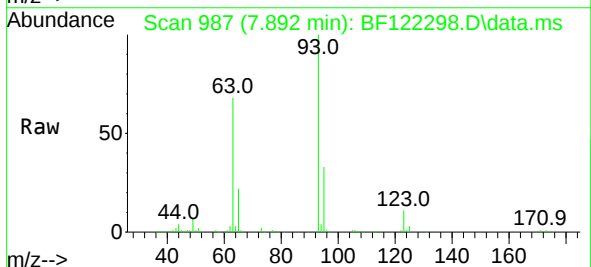
Tgt Ion: 93 Resp: 209824

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 11.3 8.8 13.2

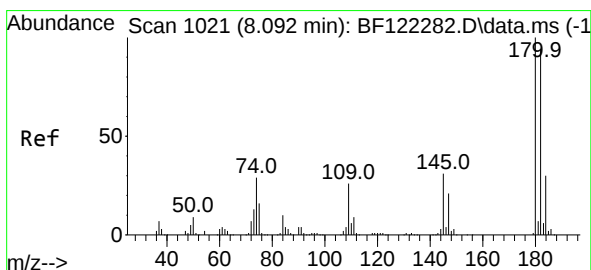
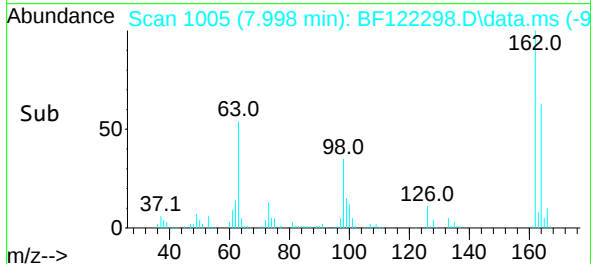
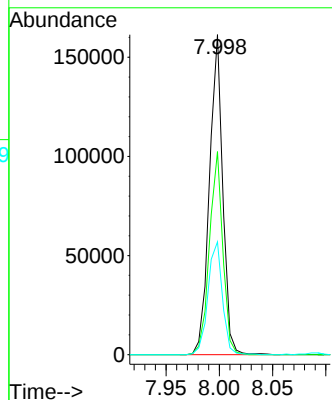
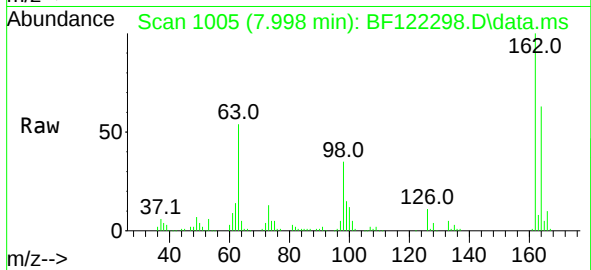




#29
2,4-Dichlorophenol
Concen: 7.89 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

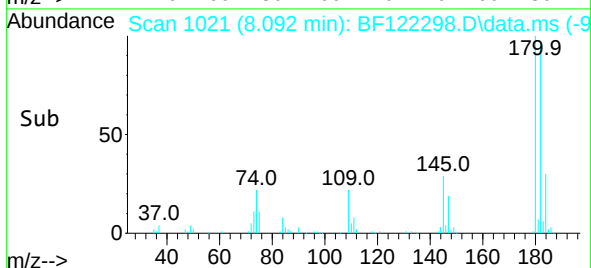
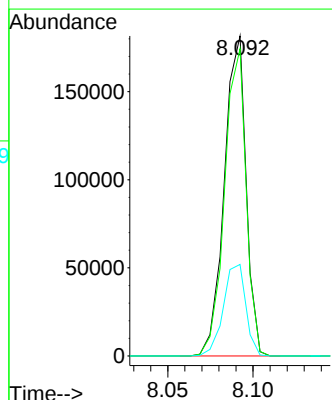
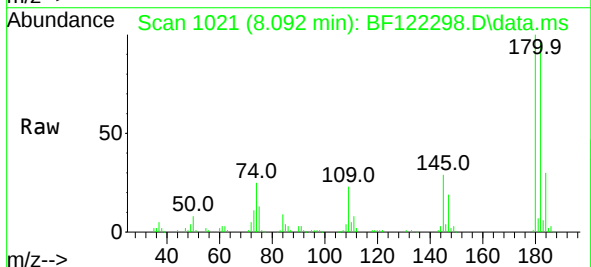
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

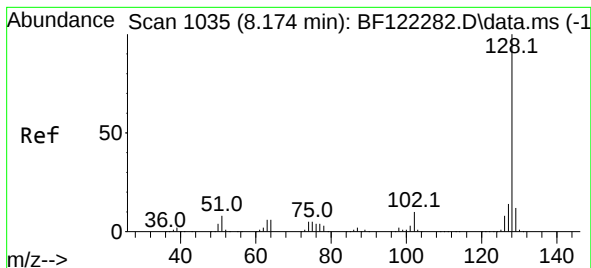
Tgt Ion:162	Resp:	140760
Ion Ratio	Lower	Upper
162	100	
164	63.5	42.5 82.5
98	35.3	20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 8.17 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:180	Resp:	160984
Ion Ratio	Lower	Upper
180	100	
182	96.0	79.4 119.2
145	28.6	25.5 38.3

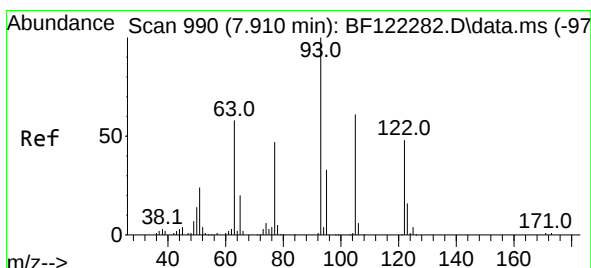
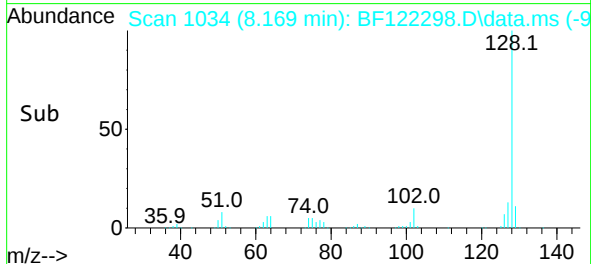
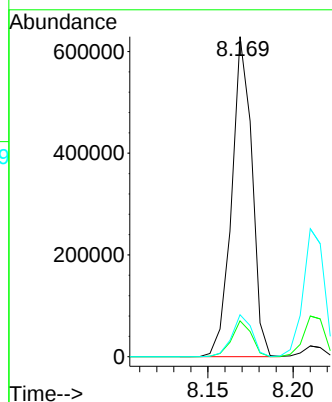
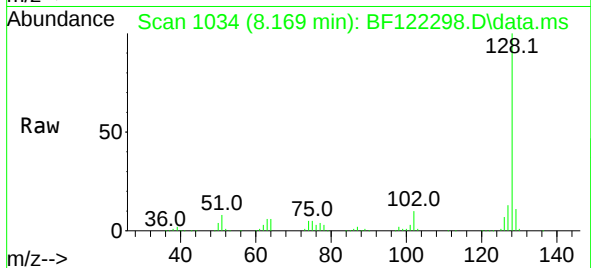




#31
Naphthalene
Concen: 8.31 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

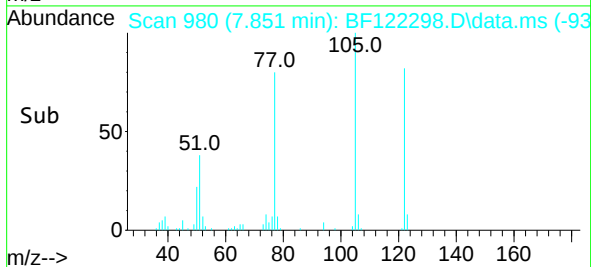
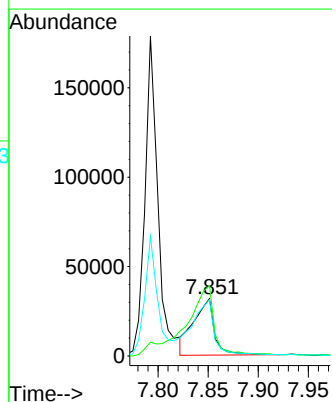
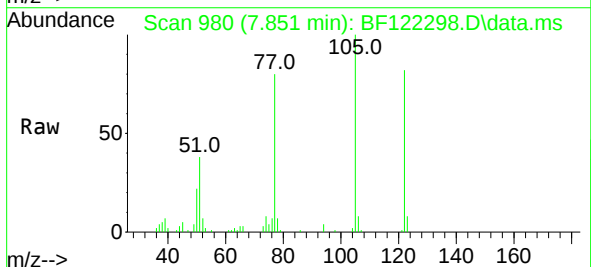
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

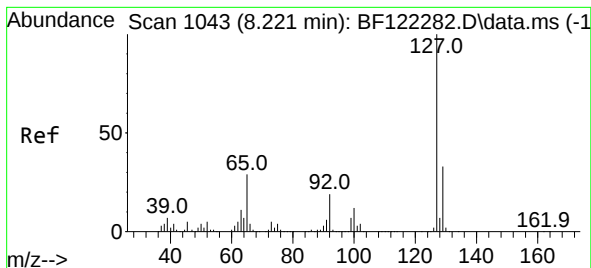
Tgt Ion:128 Resp: 518368
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 5.09 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.059 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:122 Resp: 46293
Ion Ratio Lower Upper
122 100
105 122.7 103.3 143.3
77 97.8 73.9 113.9

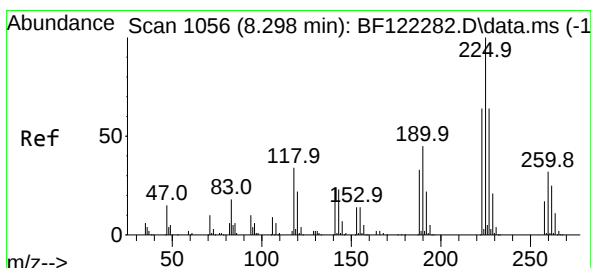
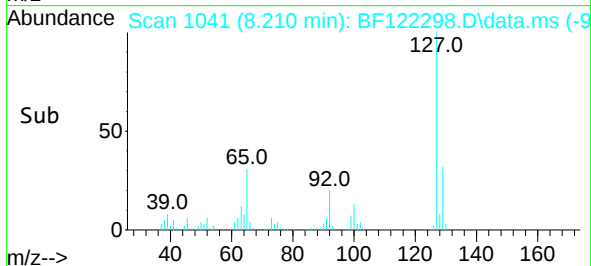
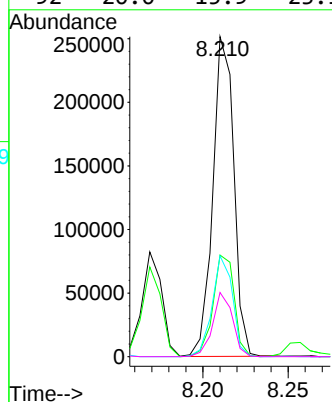
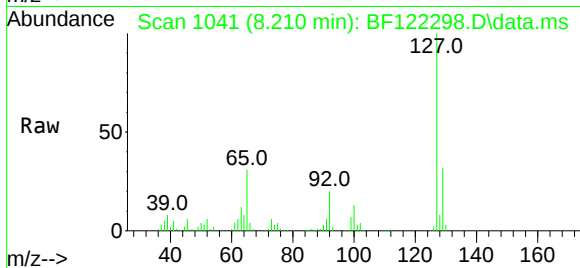




#33
4-Chloroaniline
Concen: 7.95 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

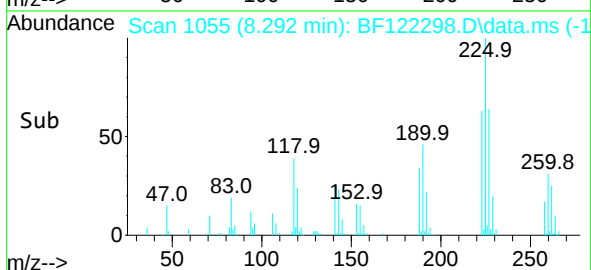
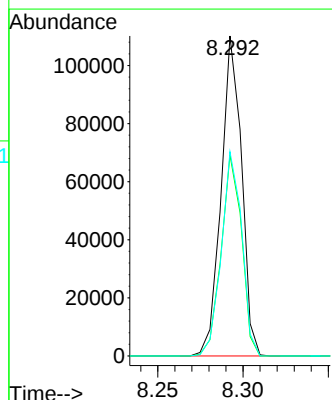
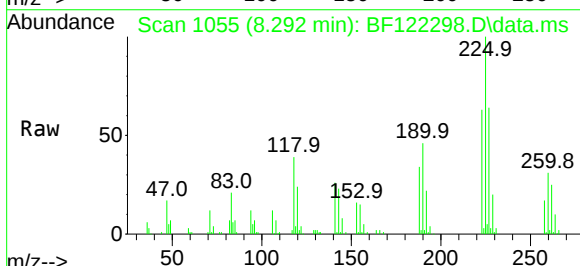
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:	127	Resp:	215867
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.3	39.5
65	31.5	26.2	39.2
92	20.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 8.10 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:	225	Resp:	91650
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.1	76.7
227	63.9	51.0	76.6

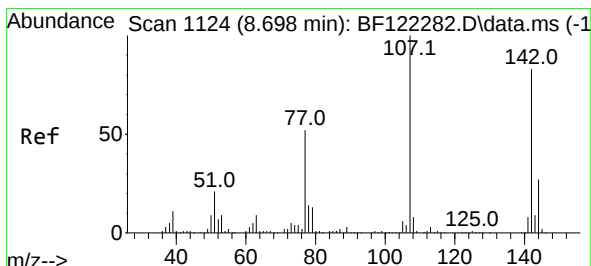
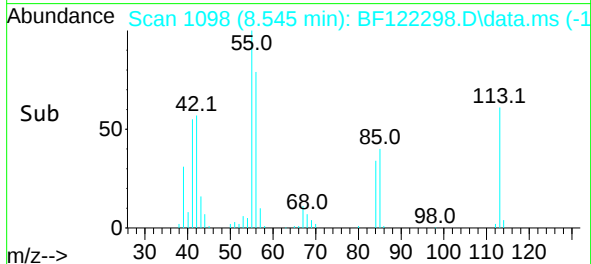
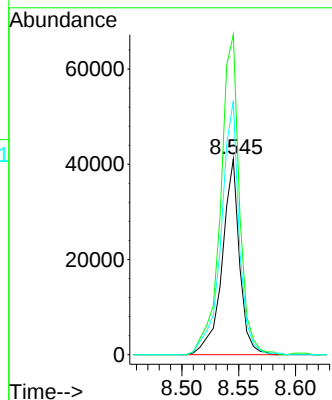
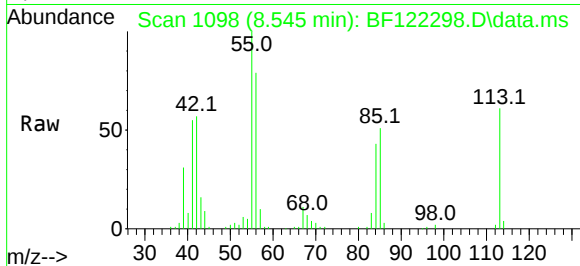




#35
Caprolactam
Concen: 7.71 ng
RT: 8.545 min Scan# 1098
Delta R.T. -0.047 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

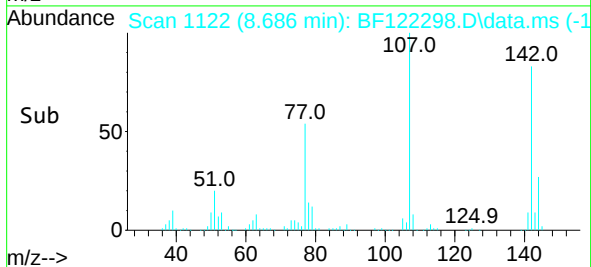
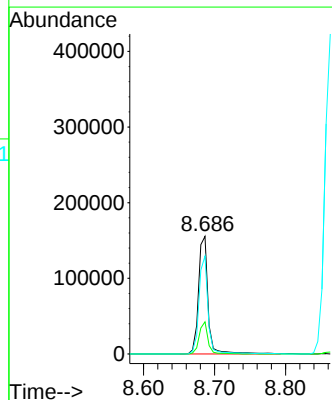
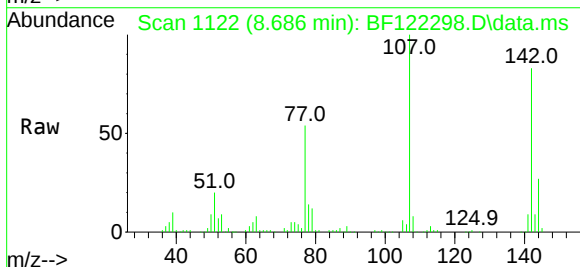
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

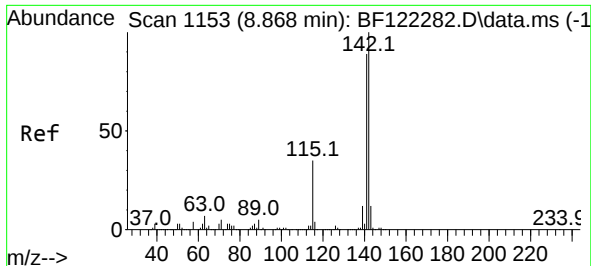
Tgt Ion:113 Resp: 43590
Ion Ratio Lower Upper
113 100
55 163.5 167.5 207.5#
56 129.7 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 7.85 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:107 Resp: 146171
Ion Ratio Lower Upper
107 100
144 27.3 20.1 30.1
142 83.2 59.3 88.9

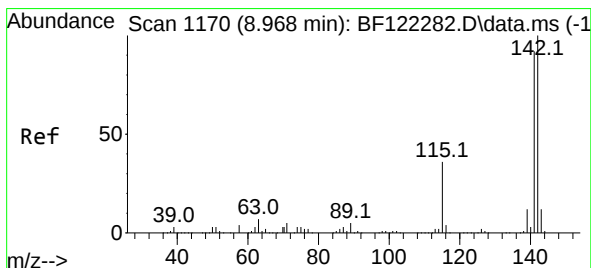
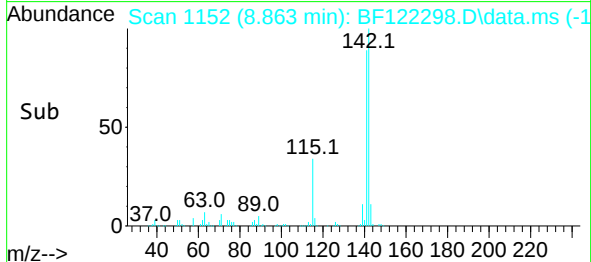
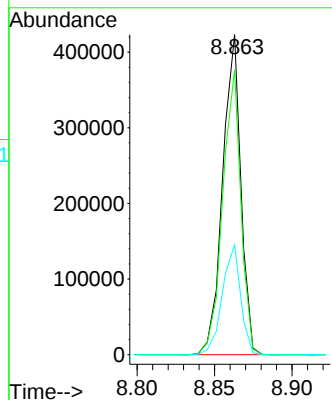
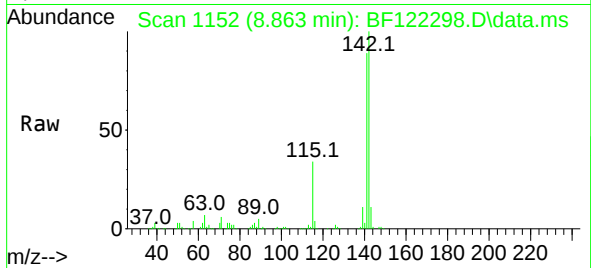




#37
2-Methylnaphthalene
Concen: 8.39 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

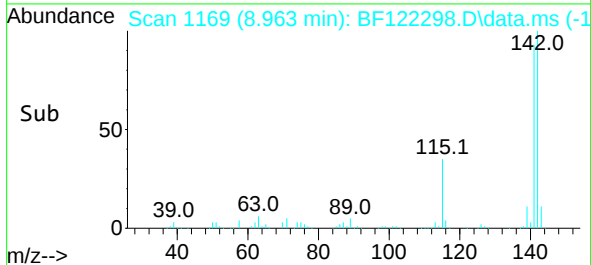
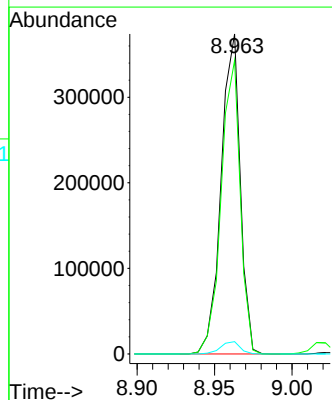
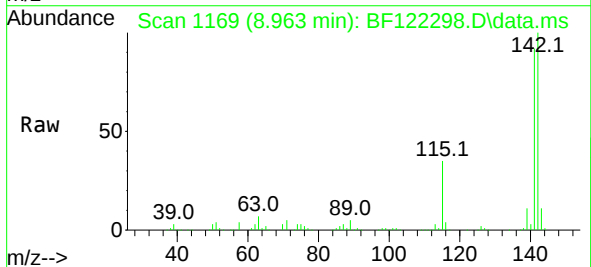
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

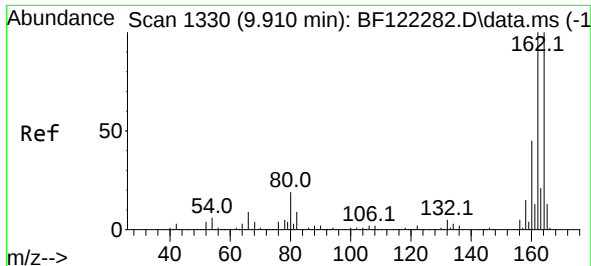
Tgt Ion:142 Resp: 345754
Ion Ratio Lower Upper
142 100
141 89.0 70.2 105.4
115 34.3 28.6 43.0



#38
1-Methylnaphthalene
Concen: 8.31 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:142 Resp: 320575
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7
116 3.9 3.2 4.8

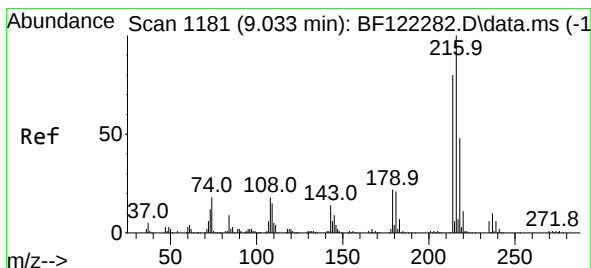
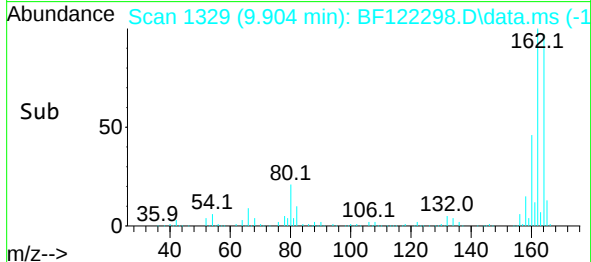
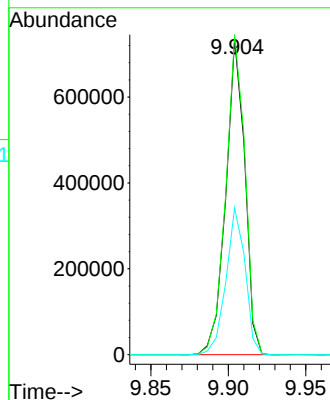
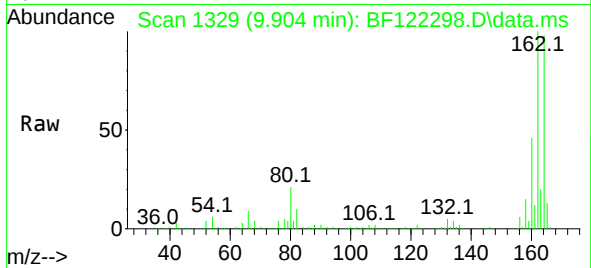




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

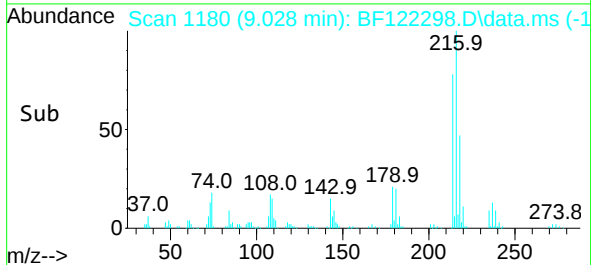
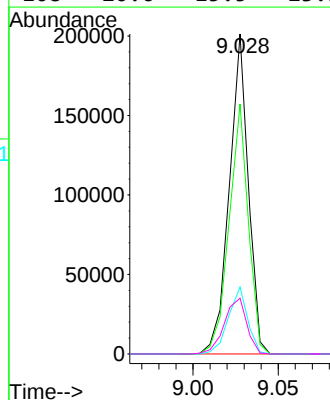
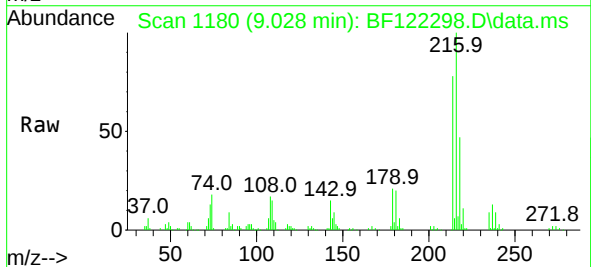
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

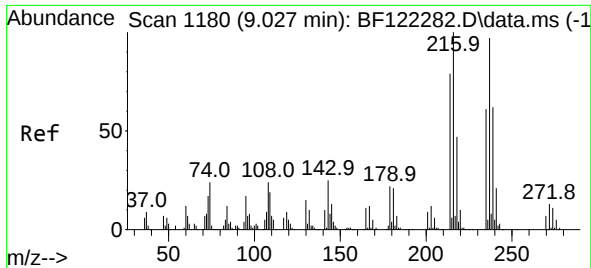
Tgt Ion:164 Resp: 627851
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.6 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.05 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:216 Resp: 155800
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 21.2 17.0 25.6
108 20.6 15.5 23.3

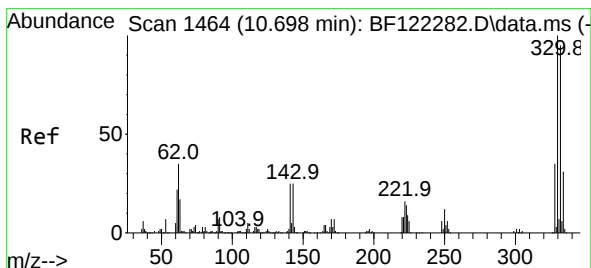
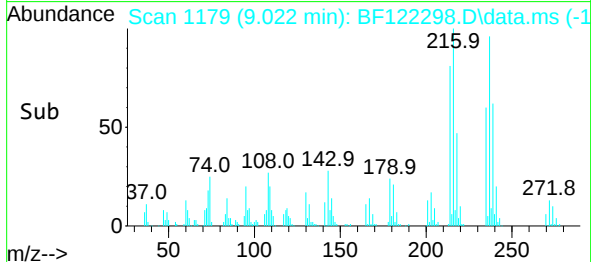
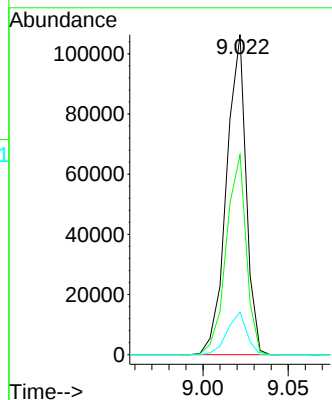
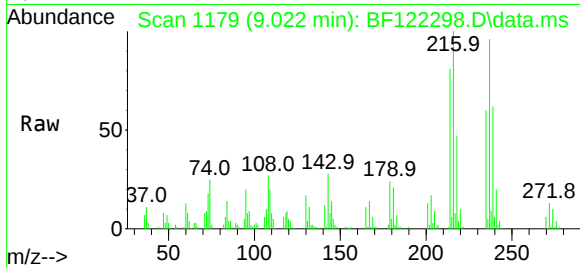




#41
Hexachlorocyclopentadiene
Concen: 7.52 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

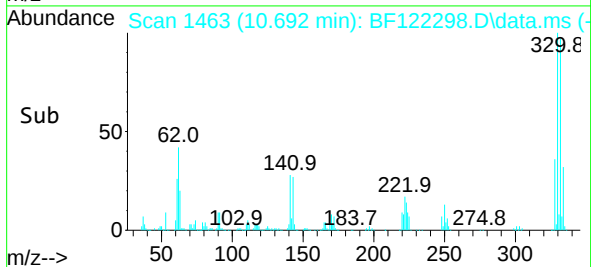
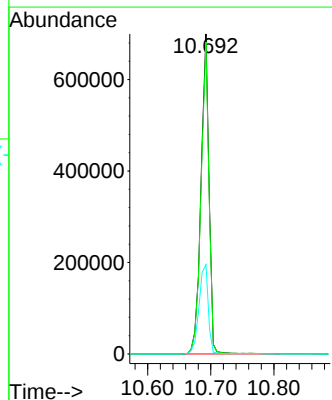
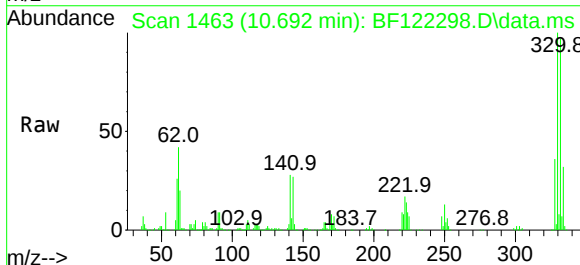
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:237	Resp:	85048
Ion Ratio	Lower	Upper
237	100	
235	62.5	41.8 81.8
272	13.3	0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 91.44 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:330	Resp:	616145
Ion Ratio	Lower	Upper
330	100	
332	96.6	77.3 115.9
141	32.2	22.3 33.5

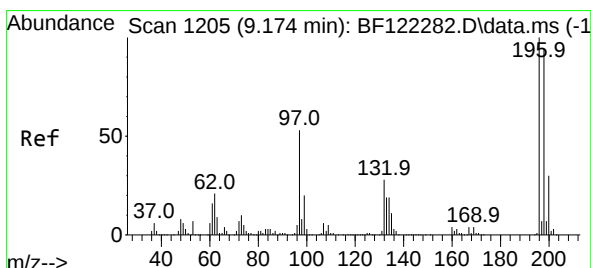
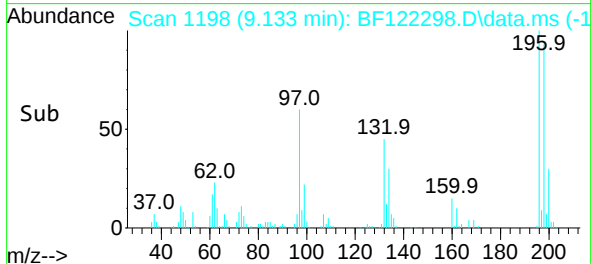
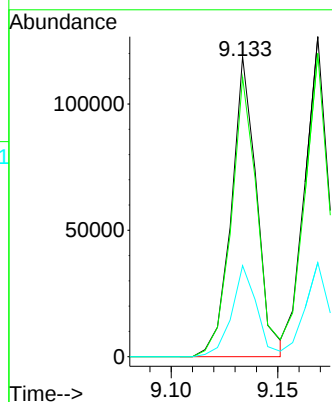
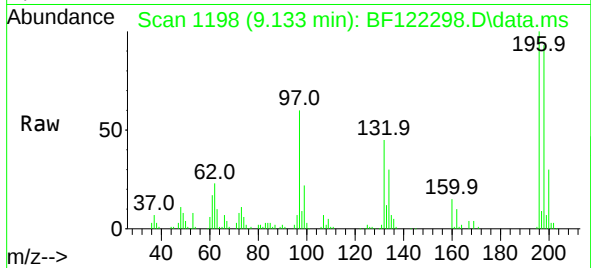




#43
2,4,6-Trichlorophenol
Concen: 7.79 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

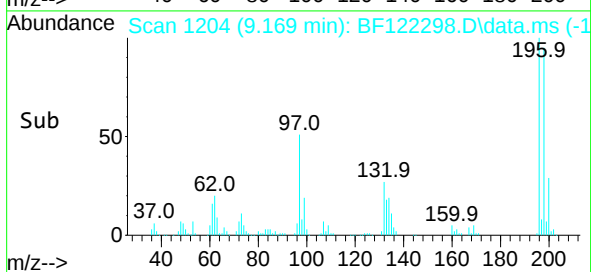
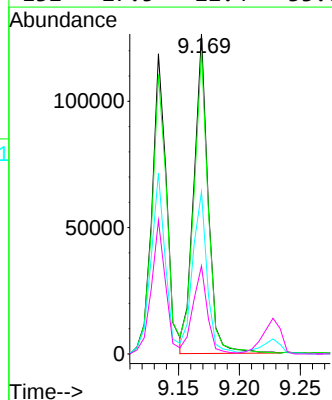
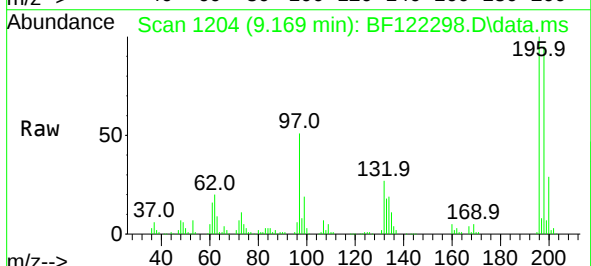
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

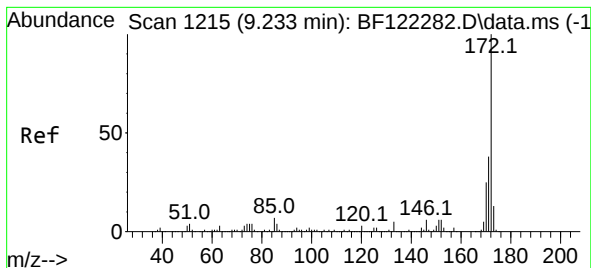
Tgt Ion:196 Resp: 97820
Ion Ratio Lower Upper
196 100
198 93.1 75.8 113.6
200 30.4 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 7.81 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:196 Resp: 102895
Ion Ratio Lower Upper
196 100
198 94.8 76.1 114.1
97 50.7 41.0 61.6
132 27.5 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 70.22 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion:172 Resp: 2821679

Ion Ratio Lower Upper

172 100

171 37.5 29.1 43.7

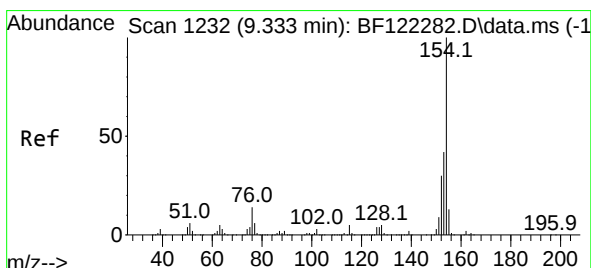
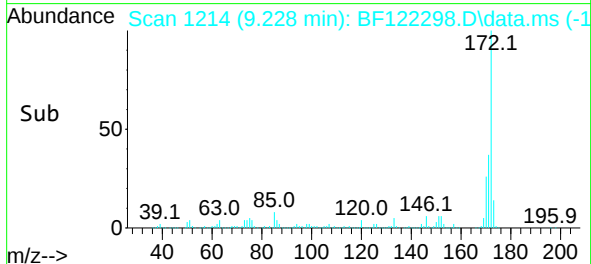
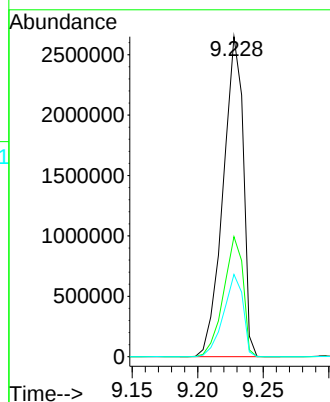
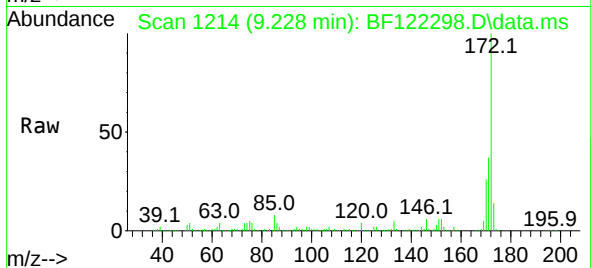
170 25.7 19.8 29.6

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#46

1,1'-Biphenyl

Concen: 8.33 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

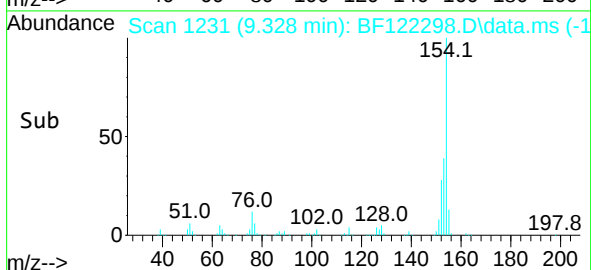
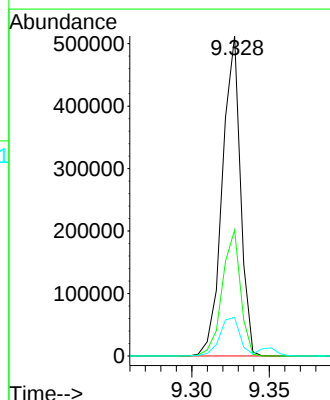
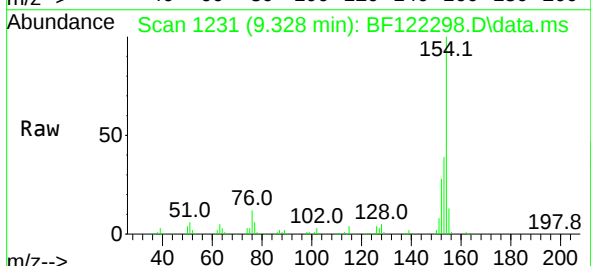
Tgt Ion:154 Resp: 416118

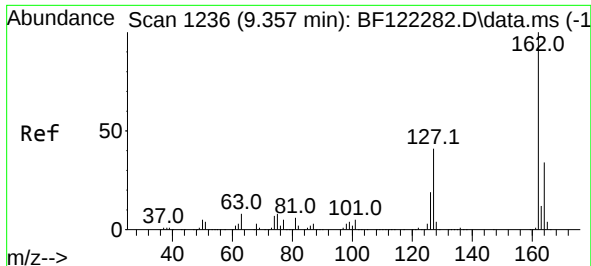
Ion Ratio Lower Upper

154 100

153 39.4 21.3 61.3

76 12.0 0.0 34.7

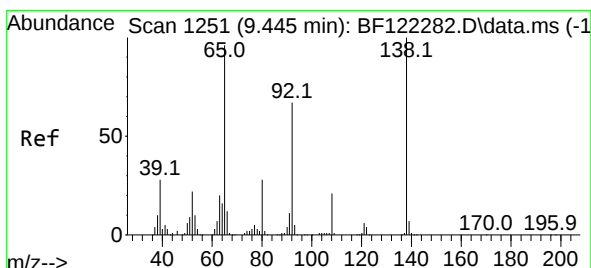
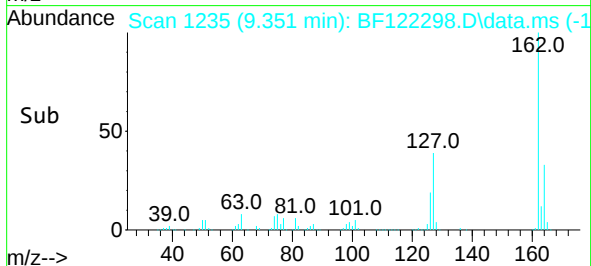
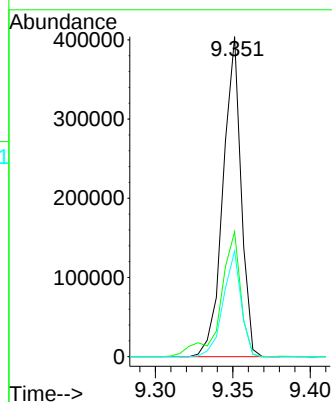
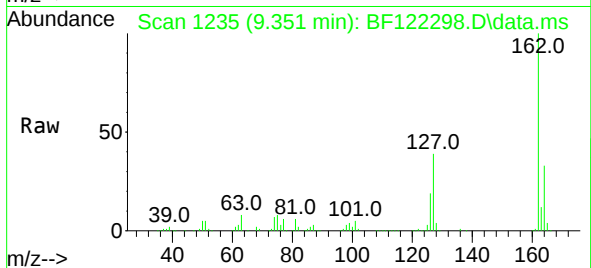




#47
2-Chloronaphthalene
Concen: 8.22 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

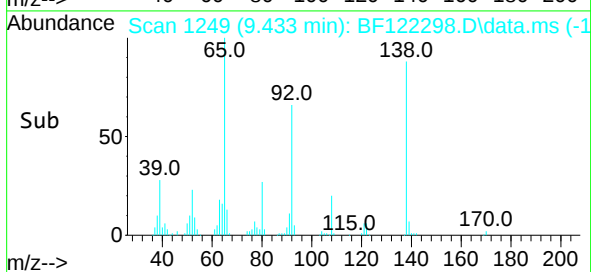
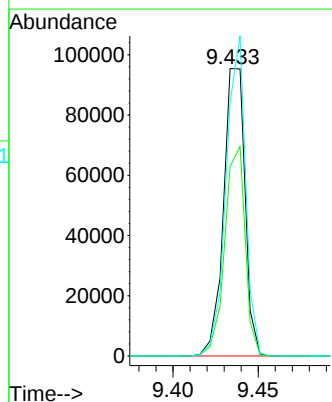
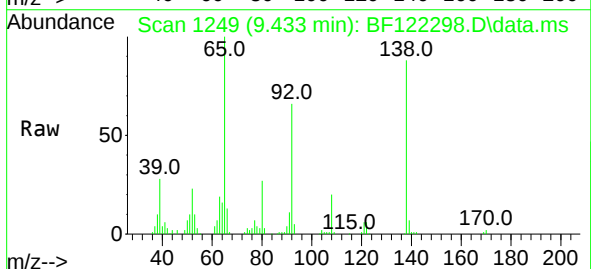
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

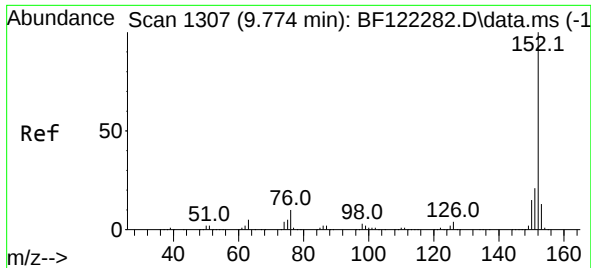
Tgt Ion:162 Resp: 325970
Ion Ratio Lower Upper
162 100
127 39.0 34.4 51.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 8.61 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 65 Resp: 83862
Ion Ratio Lower Upper
65 100
92 65.9 55.1 82.7
138 88.4 80.5 120.7





#49

Acenaphthylene

Concen: 8.14 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

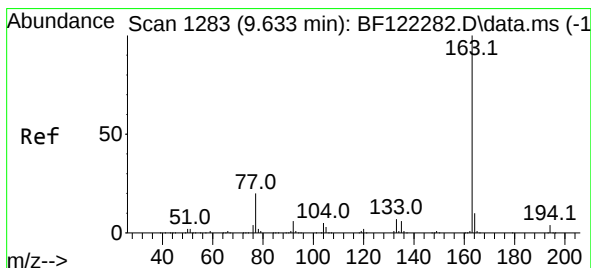
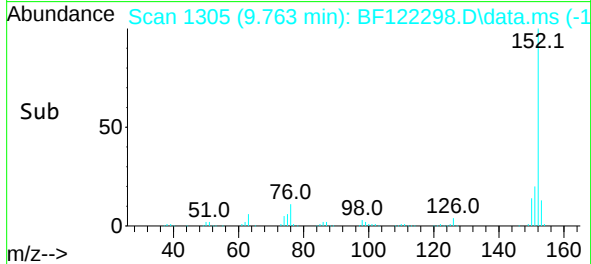
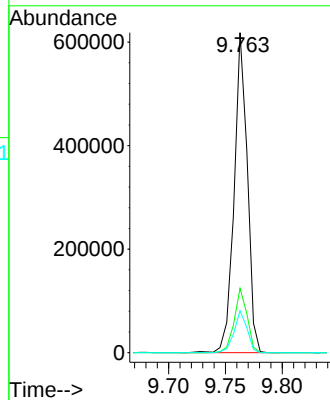
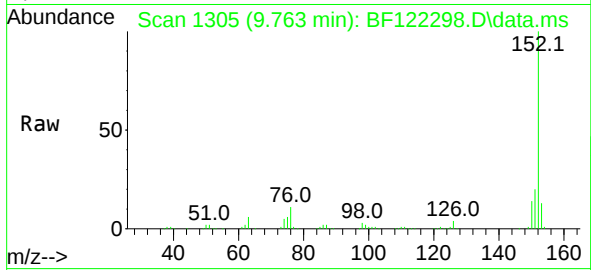
Tgt Ion:152 Resp: 496344

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 8.08 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

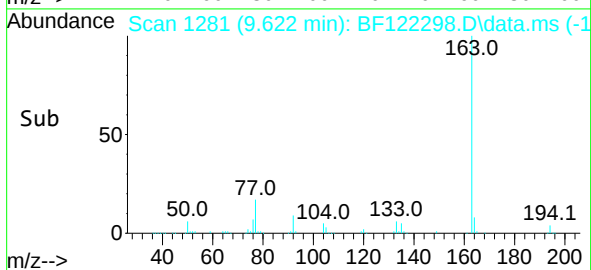
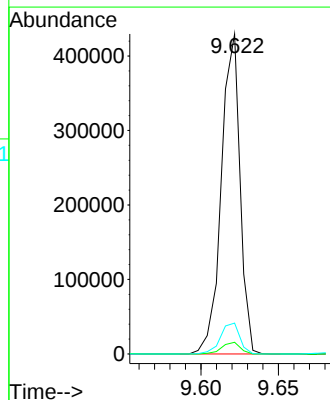
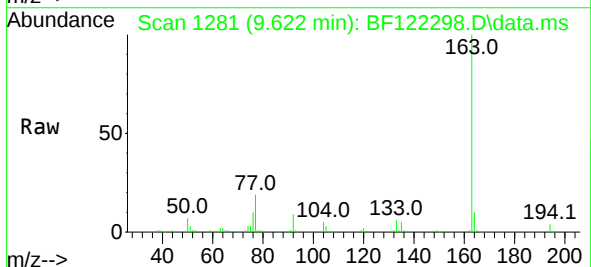
Tgt Ion:163 Resp: 360806

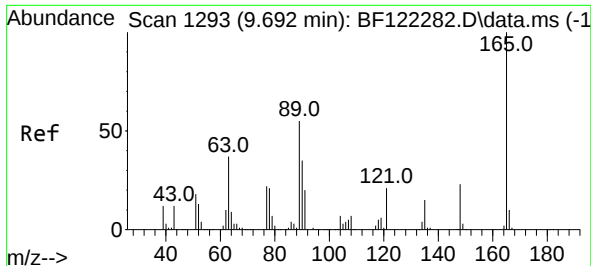
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.7 8.2 12.4

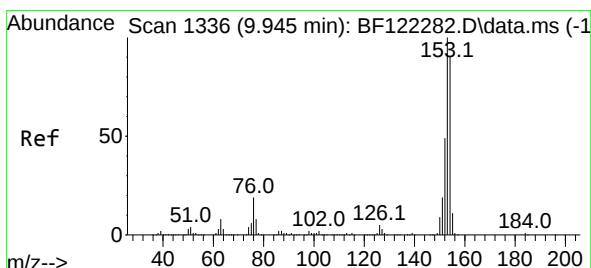
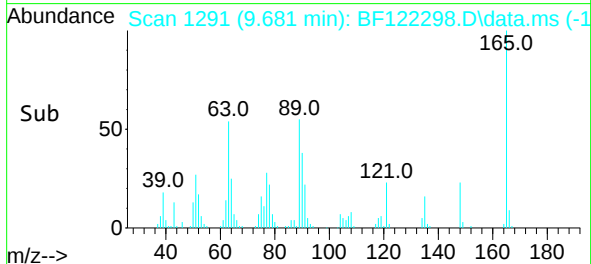
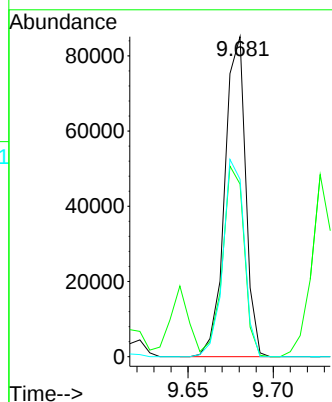
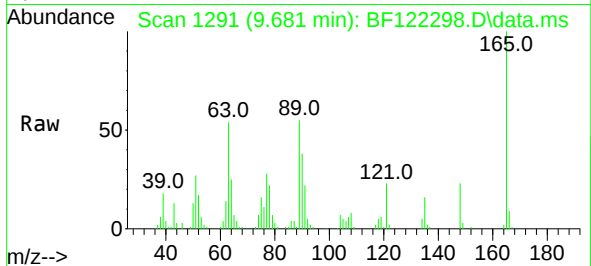




#51
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

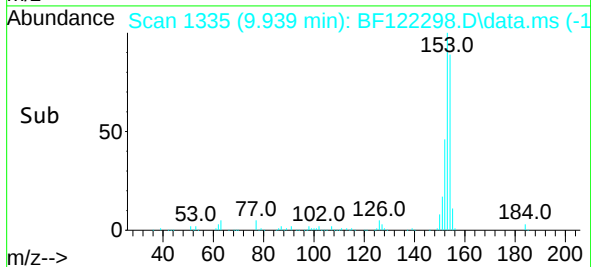
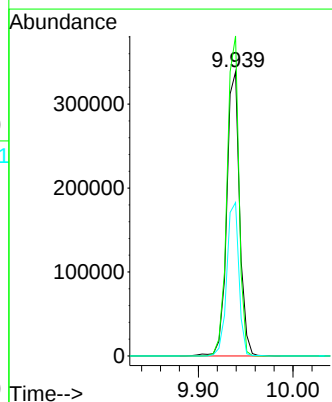
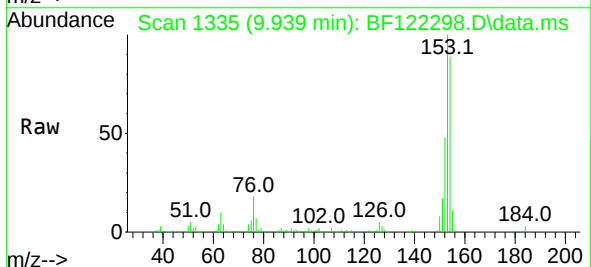
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

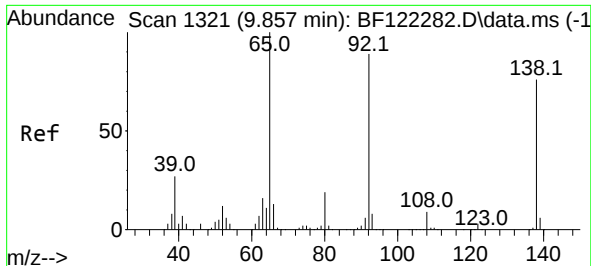
Tgt Ion:165 Resp: 72416
Ion Ratio Lower Upper
165 100
63 54.0 51.8 77.6
89 55.5 49.0 73.6



#52
Acenaphthene
Concen: 8.50 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:154 Resp: 320922
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.8
152 54.0 43.2 64.8

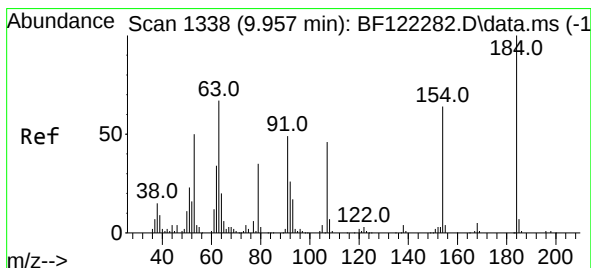
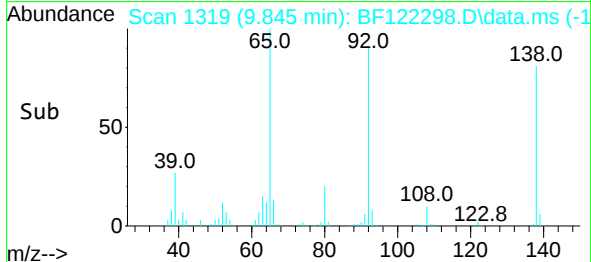
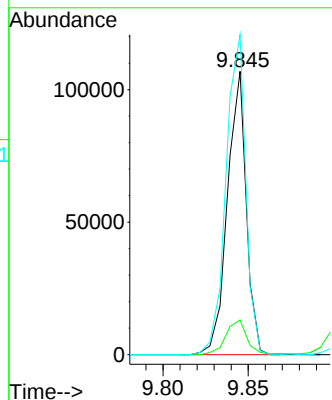
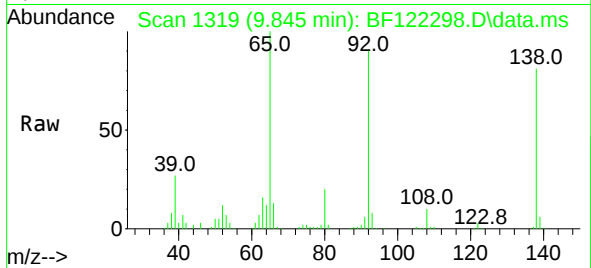




#53
3-Nitroaniline
Concen: 8.26 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

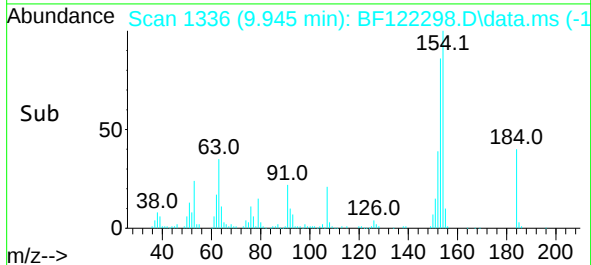
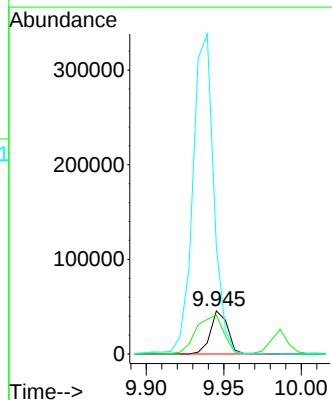
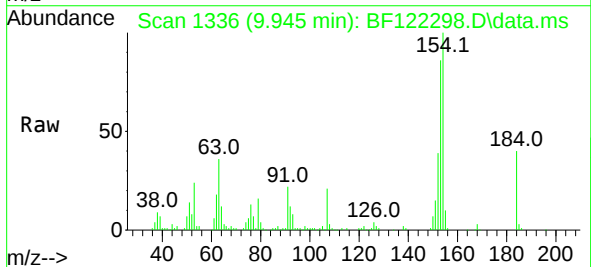
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

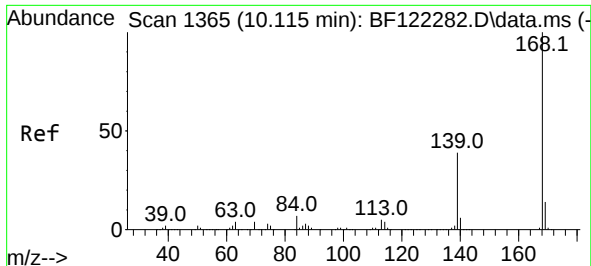
Tgt Ion:138 Resp: 82349
Ion Ratio Lower Upper
138 100
108 12.3 8.6 13.0
92 112.9 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 13.39 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:184 Resp: 35307
Ion Ratio Lower Upper
184 100
63 90.6 45.9 68.9#
154 248.6 45.8 68.6#

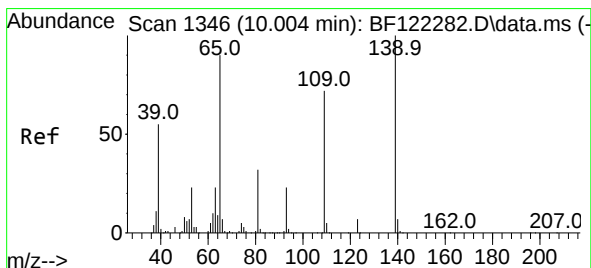
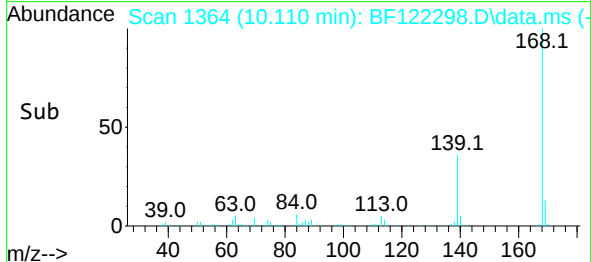
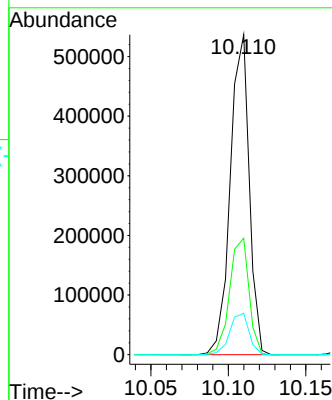
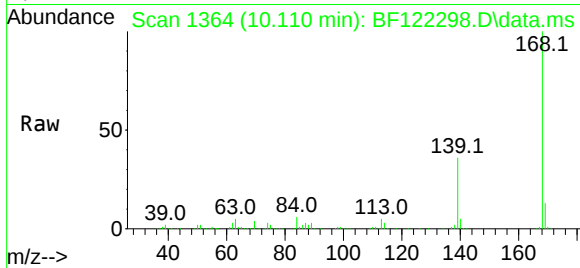




#55
Dibenzofuran
Concen: 8.24 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.005 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

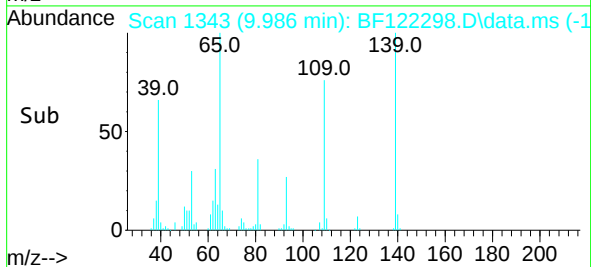
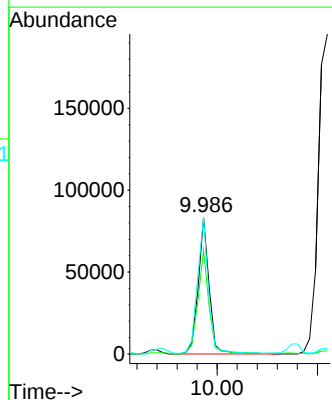
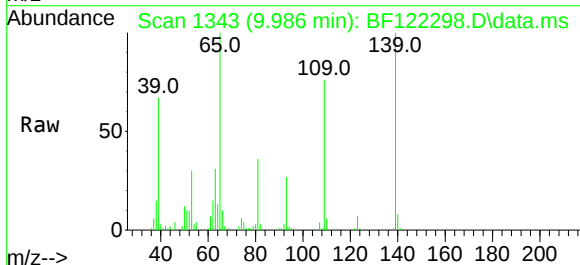
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

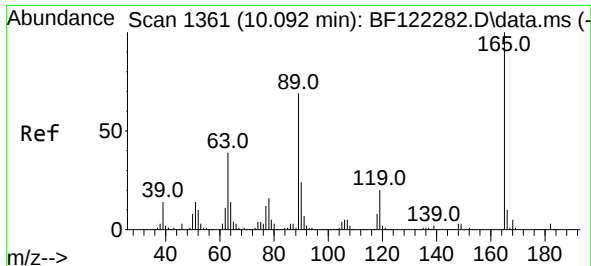
Tgt Ion:168 Resp: 455755
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6
169 12.9 11.3 16.9



#56
4-Nitrophenol
Concen: 7.46 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

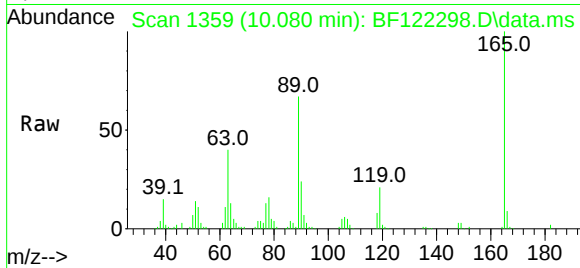
Tgt Ion:139 Resp: 63489
Ion Ratio Lower Upper
139 100
109 75.9 45.4 85.4
65 100.2 68.4 108.4



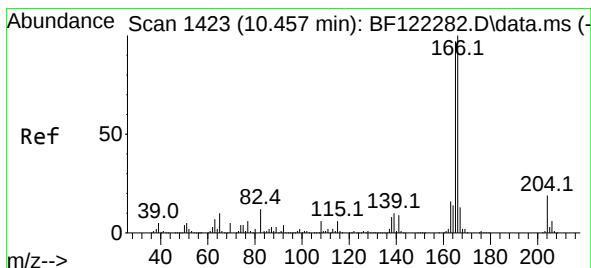
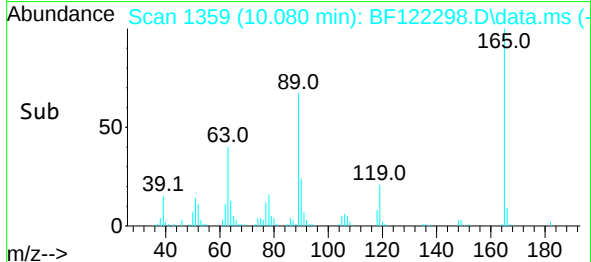
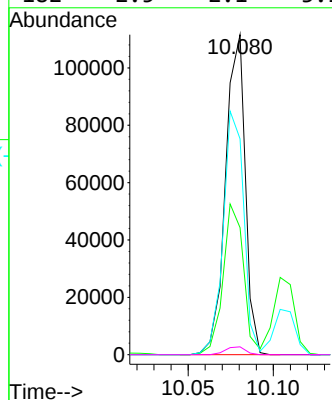


#57
2,4-Dinitrotoluene
Concen: 8.64 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

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

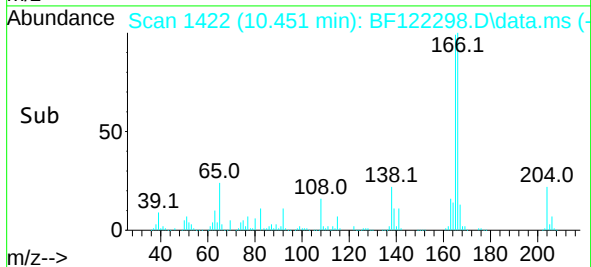
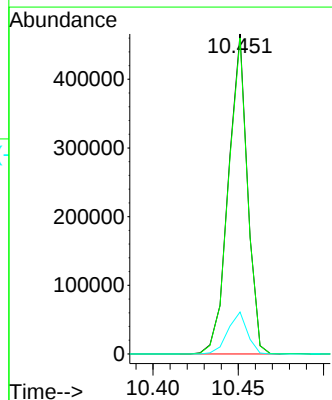
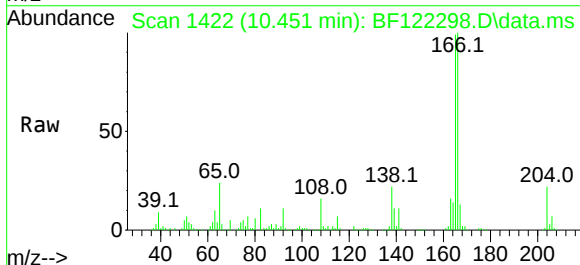


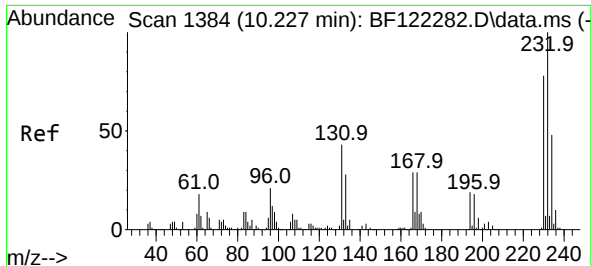
Tgt Ion:165 Resp: 90210
Ion Ratio Lower Upper
165 100
63 39.7 41.3 61.9#
89 67.5 61.8 92.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 8.54 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:166 Resp: 361381
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.1 11.0 16.6

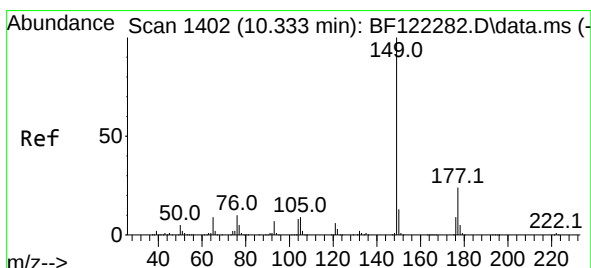
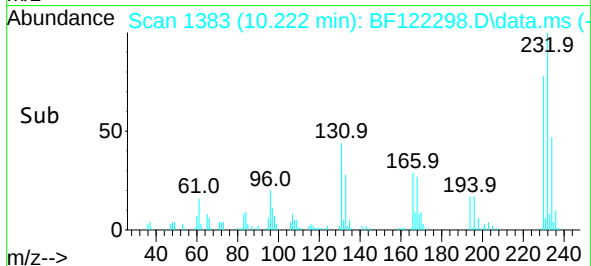
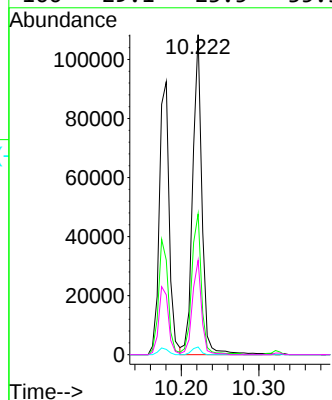
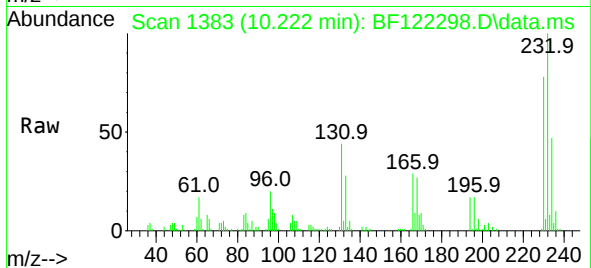




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.24 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

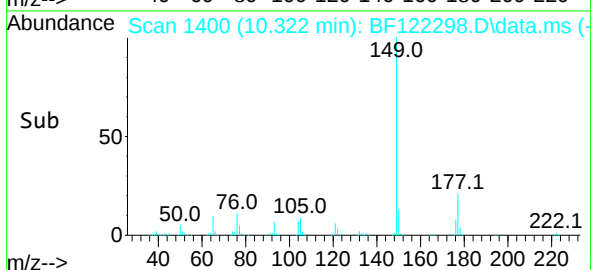
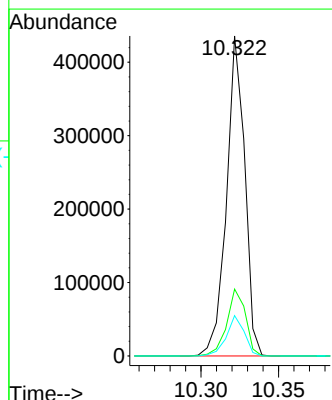
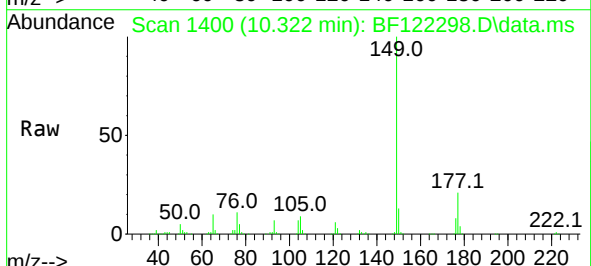
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

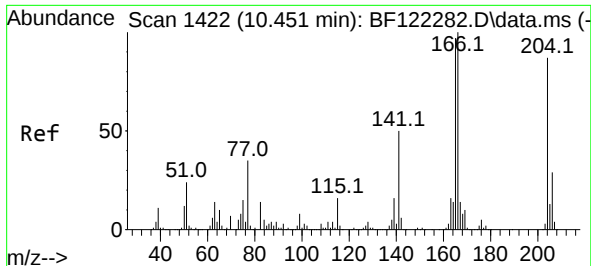
Tgt Ion:232 Resp: 90289
Ion Ratio Lower Upper
232 100
131 45.9 35.9 53.9
130 2.3 1.8 2.6
166 29.1 23.5 35.3



#60
Diethylphthalate
Concen: 8.14 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:149 Resp: 356301
Ion Ratio Lower Upper
149 100
177 20.9 18.1 27.1
150 12.6 10.3 15.5

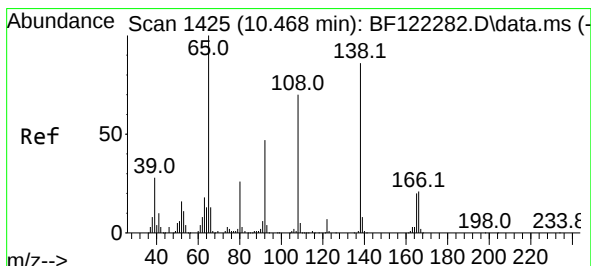
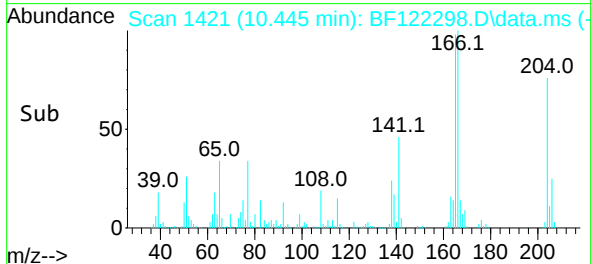
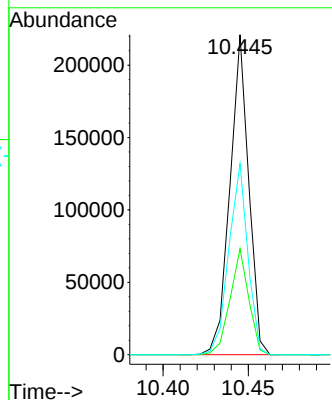
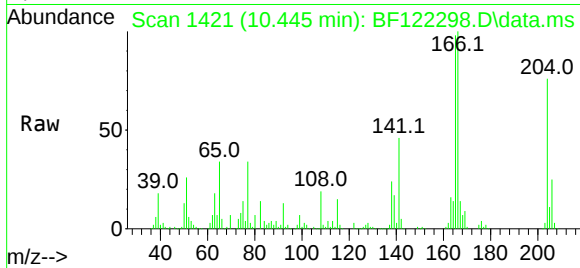




#61
4-Chlorophenyl-phenylether
Concen: 8.48 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

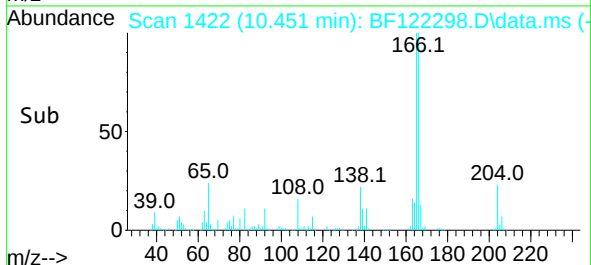
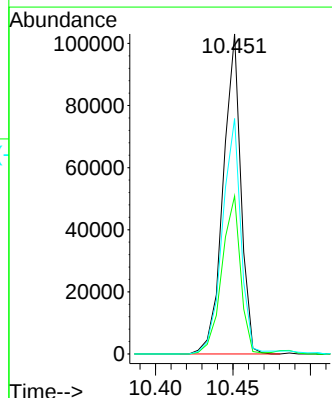
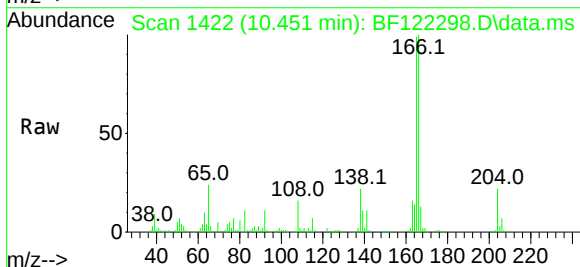
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

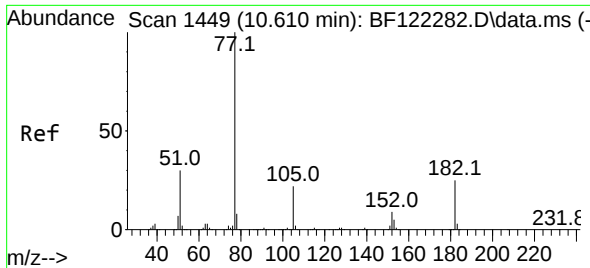
Tgt Ion:204 Resp: 169538
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 59.7 46.2 69.4



#62
4-Nitroaniline
Concen: 8.32 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:138 Resp: 81647
Ion Ratio Lower Upper
138 100
92 49.3 31.0 71.0
108 73.6 51.5 91.5

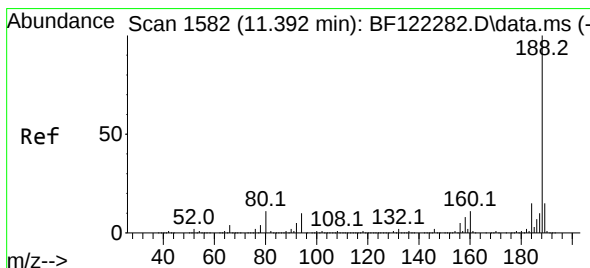
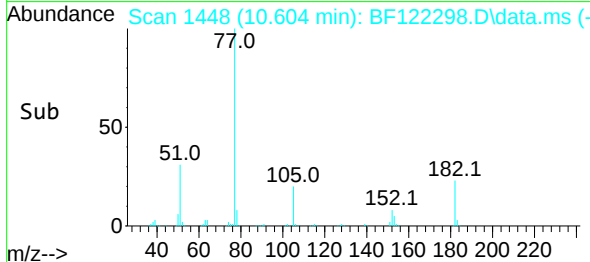
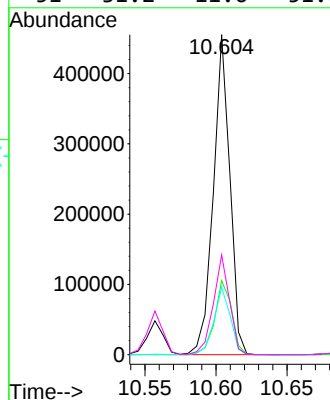
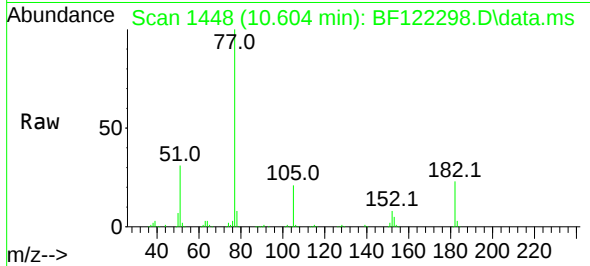




#63
Azobenzene
Concen: 8.03 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

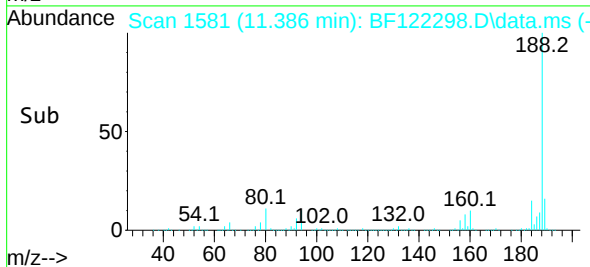
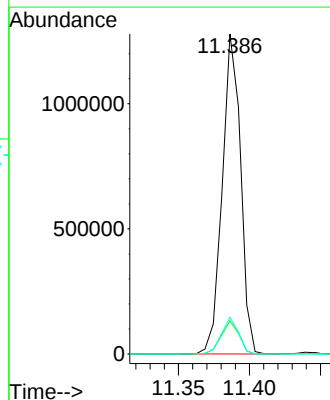
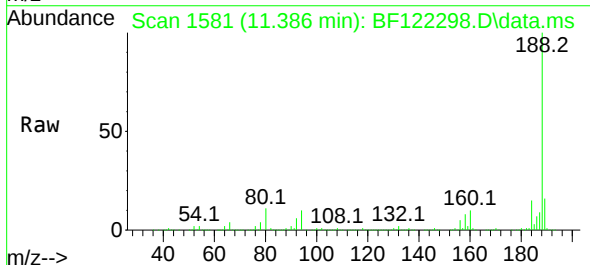
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

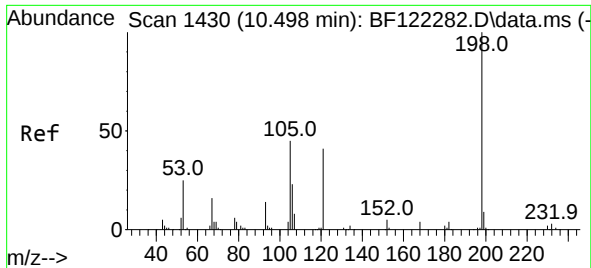
Tgt Ion: 77	Resp: 368930
Ion Ratio	Lower Upper
77 100	
182 23.2	3.4 43.4
105 21.1	1.7 41.7
51 31.2	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion: 188	Resp: 1143857
Ion Ratio	Lower Upper
188 100	
94 10.3	8.3 12.5
80 11.4	9.1 13.7

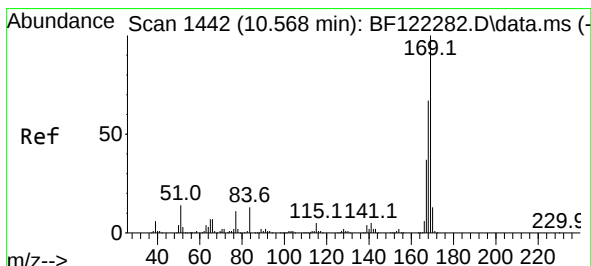
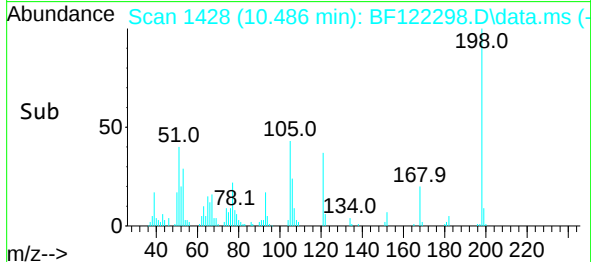
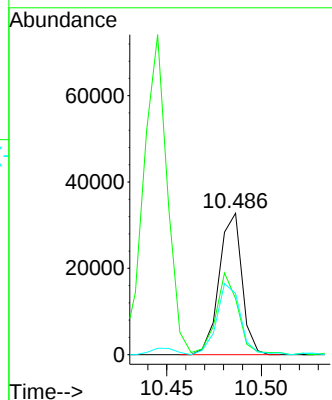
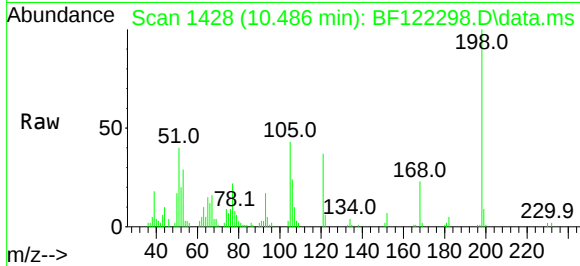




#65
4,6-Dinitro-2-methylphenol
Concen: 6.30 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

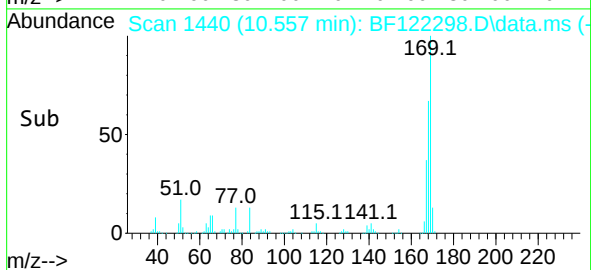
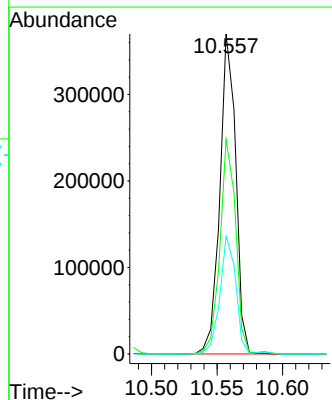
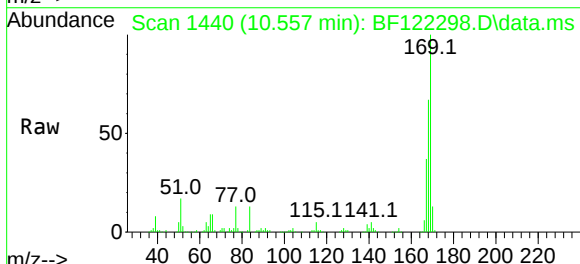
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

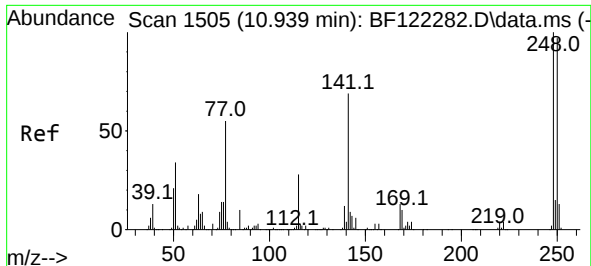
Tgt Ion:198 Resp: 27402
Ion Ratio Lower Upper
198 100
51 39.7 29.6 69.6
105 43.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 7.97 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:169 Resp: 310515
Ion Ratio Lower Upper
169 100
168 67.1 50.0 75.0
167 36.8 27.8 41.6

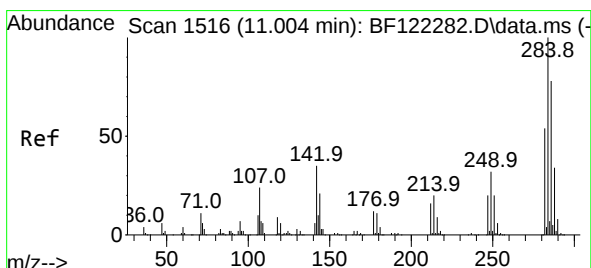
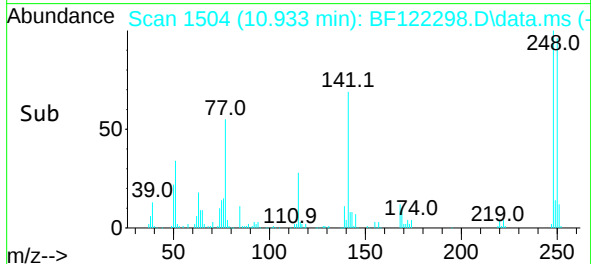
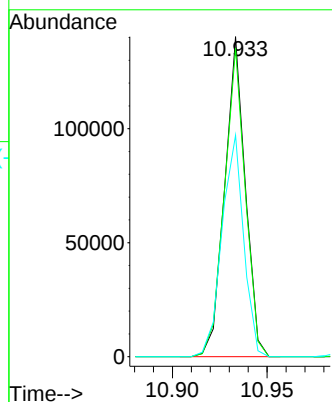
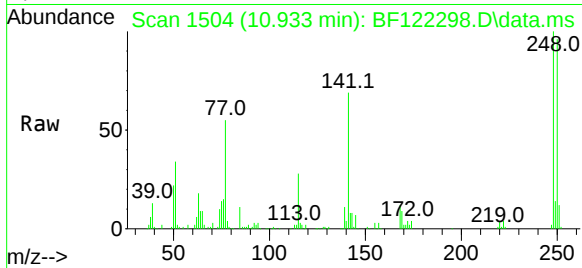




#67
4-Bromophenyl-phenylether
Concen: 7.89 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

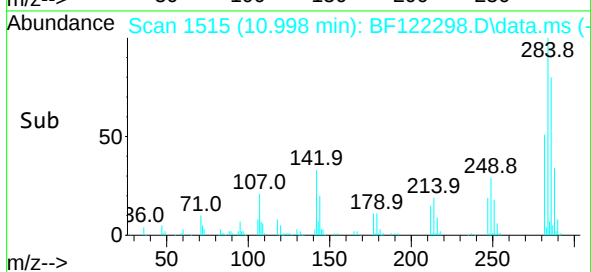
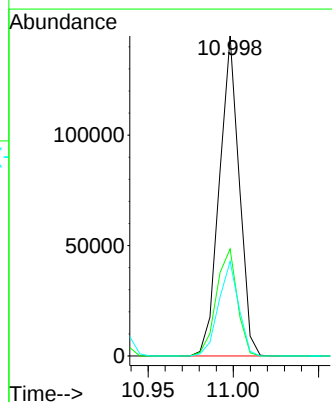
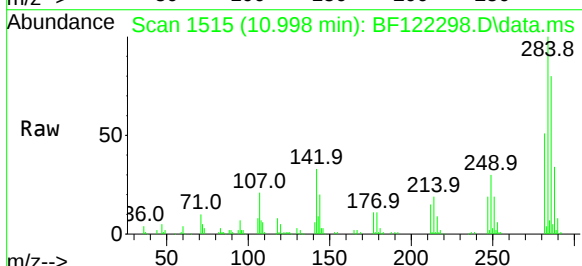
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:248 Resp: 106075
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.6
141 69.2 53.7 80.5



#68
Hexachlorobenzene
Concen: 8.06 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:284 Resp: 117042
Ion Ratio Lower Upper
284 100
142 33.5 27.4 41.2
249 29.5 24.2 36.4





#69

Atrazine

Concen: 9.10 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion:200 Resp: 88338

Ion Ratio Lower Upper

200 100

173 25.4 7.5 47.5

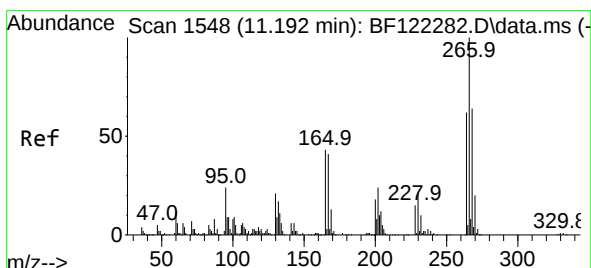
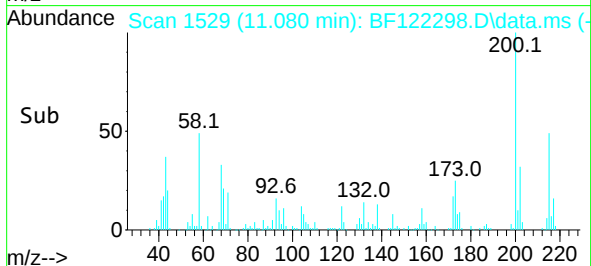
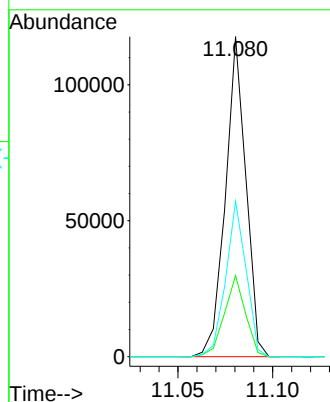
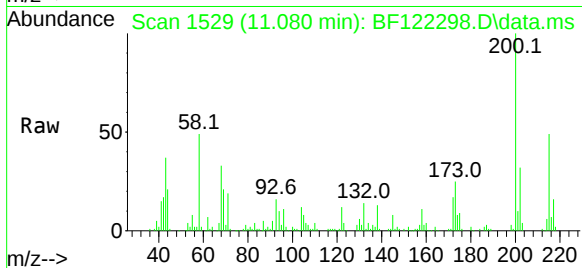
215 48.7 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#70

Pentachlorophenol

Concen: 7.05 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

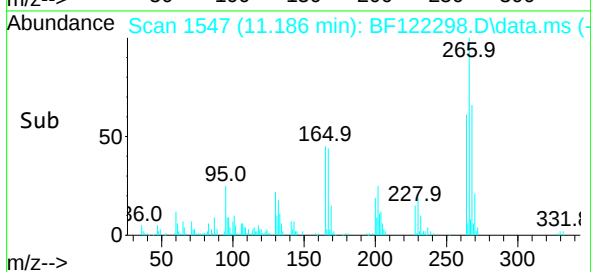
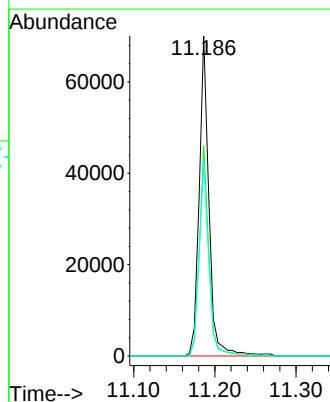
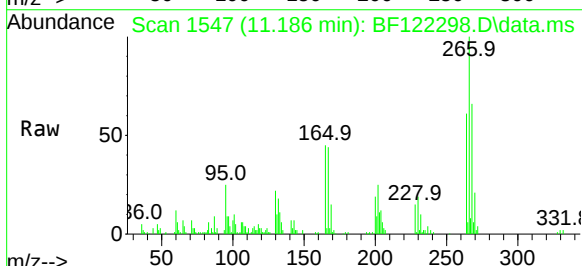
Tgt Ion:266 Resp: 58999

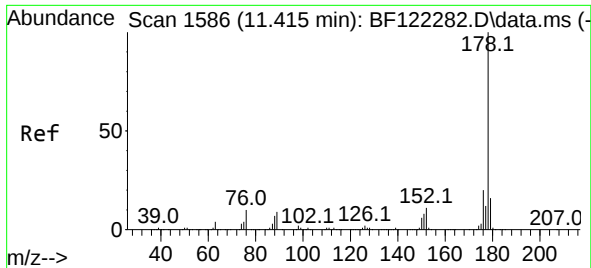
Ion Ratio Lower Upper

266 100

268 65.6 52.4 78.6

264 60.8 49.9 74.9

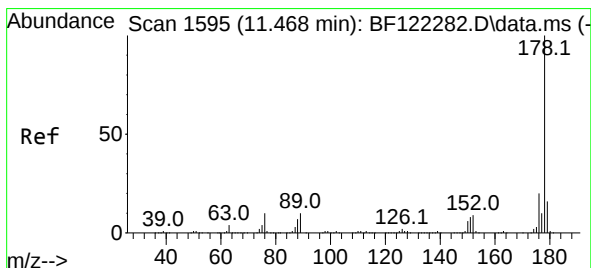
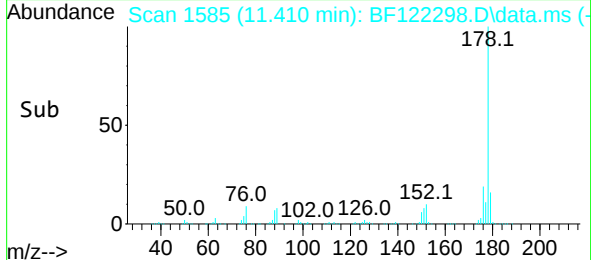
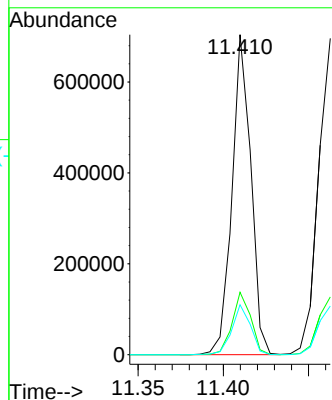
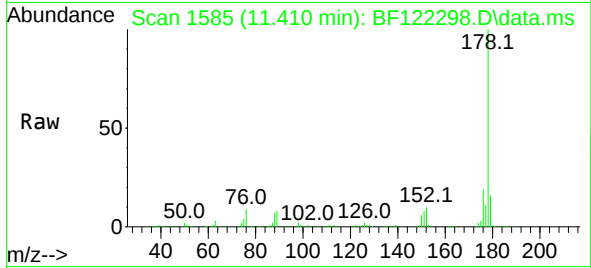




#71
Phenanthrene
Concen: 8.33 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

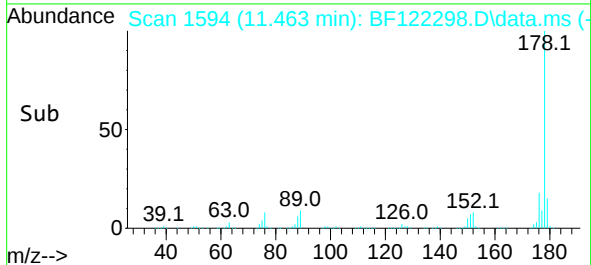
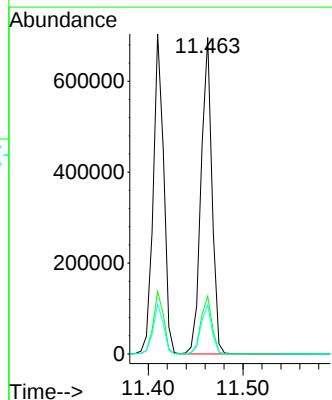
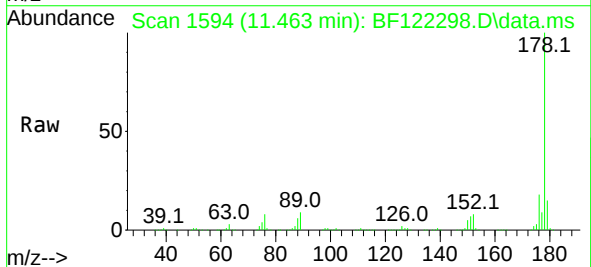
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

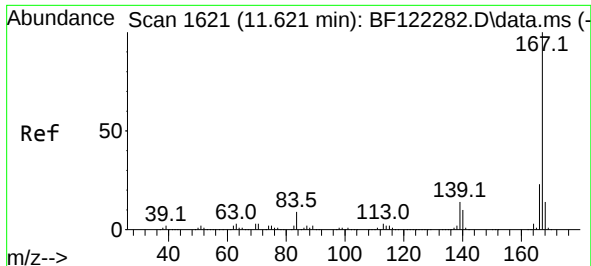
Tgt Ion:178 Resp: 540478
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.6 12.2 18.4



#72
Anthracene
Concen: 8.32 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

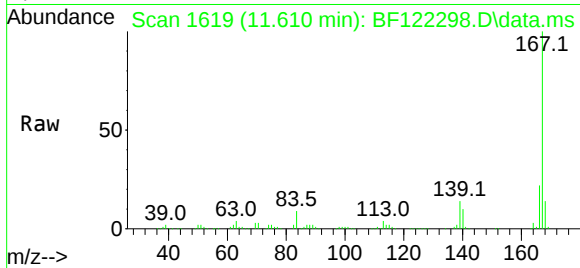
Tgt Ion:178 Resp: 556178
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 15.4 12.7 19.1



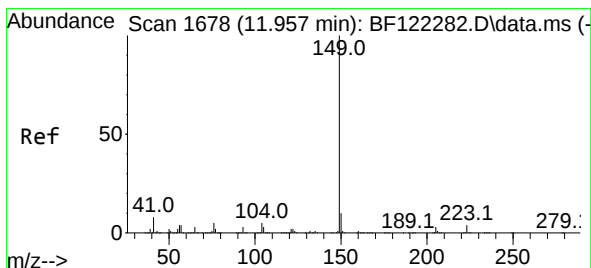
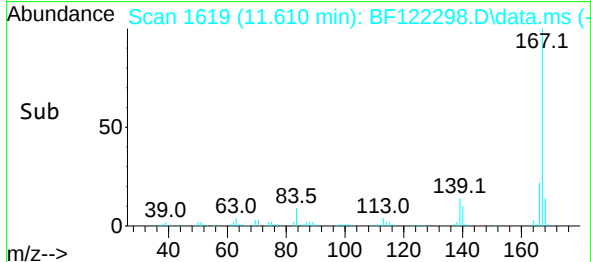
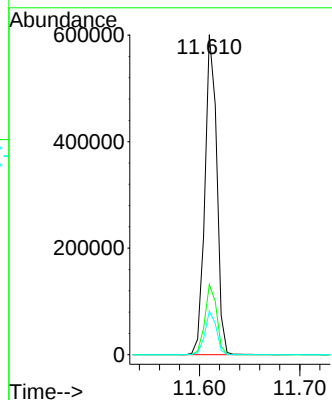


#73
 Carbazole
 Concen: 8.15 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.011 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

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

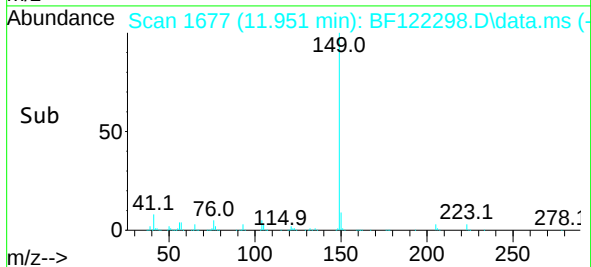
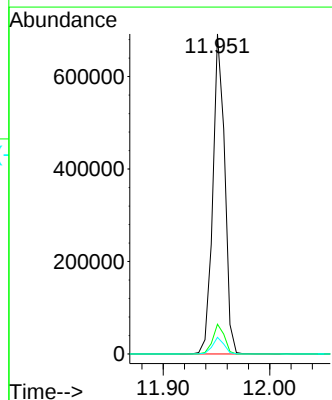
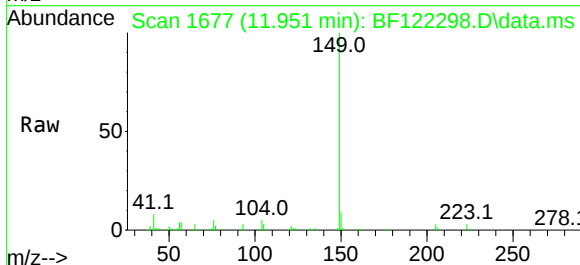


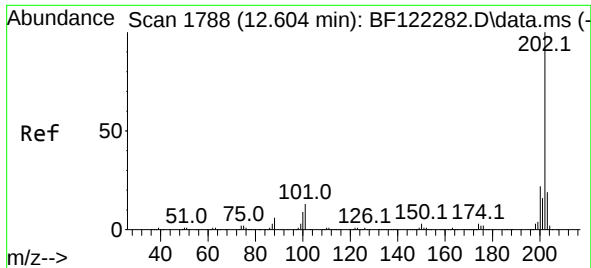
Tgt Ion:167 Resp: 495901
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 8.27 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

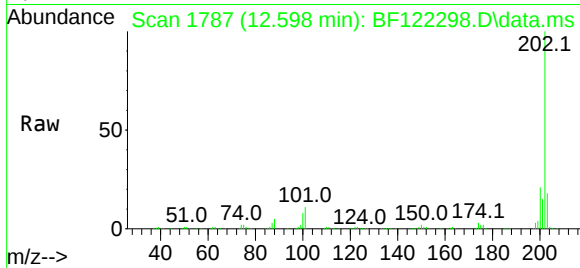
Tgt Ion:149 Resp: 536386
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.2 4.2 6.2



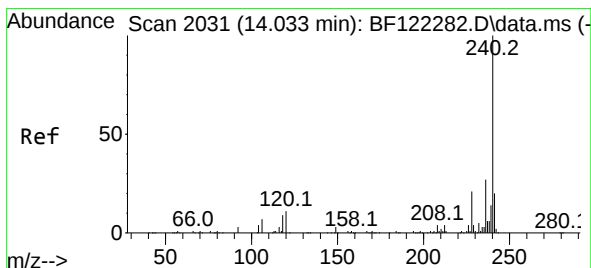
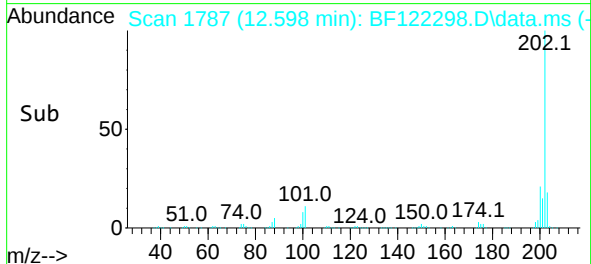
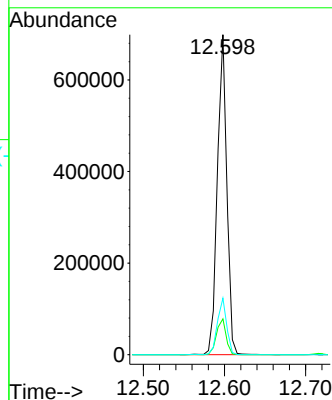


#75
Fluoranthene
Concen: 8.34 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

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

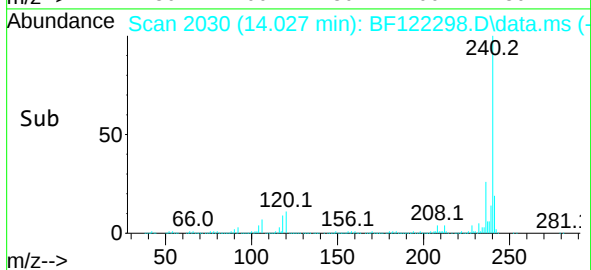
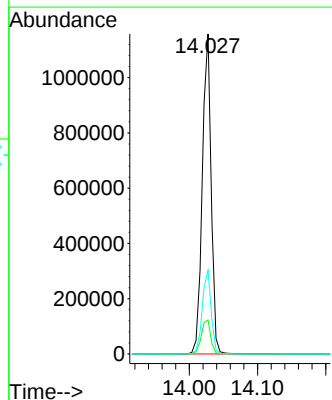
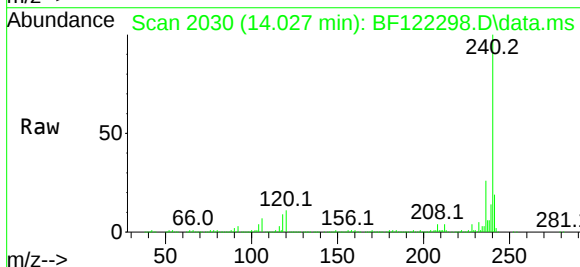


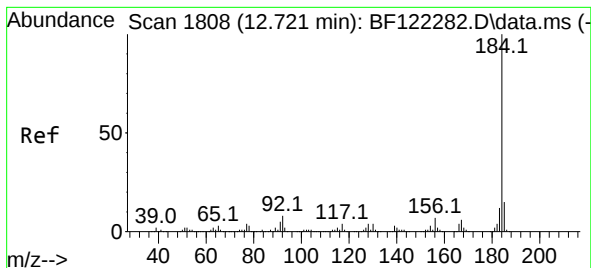
Tgt Ion:202 Resp: 564861
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:240 Resp: 1046944
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.2 20.9 31.3





#77

Benzidine

Concen: 9.39 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

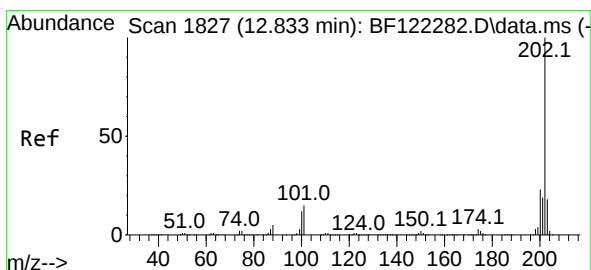
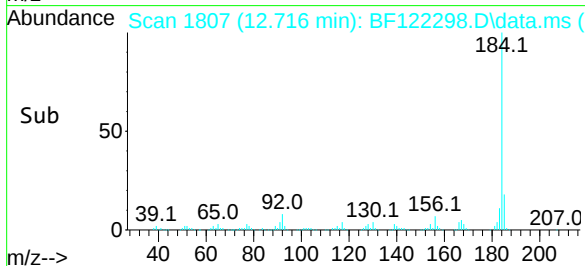
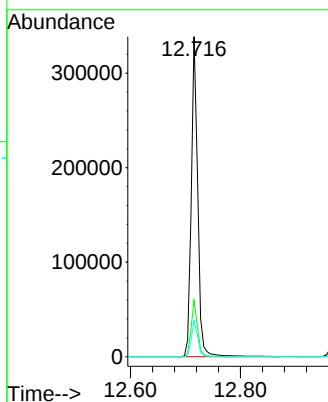
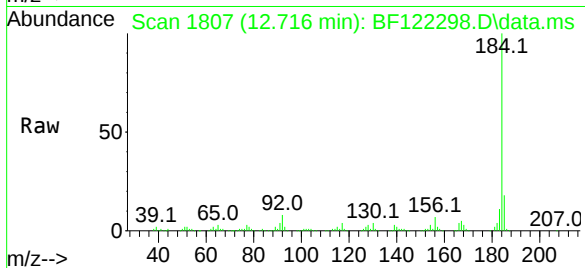
Tgt Ion:184 Resp: 272679

Ion Ratio Lower Upper

184 100

185 17.6 11.6 17.4#

183 11.3 9.4 14.0



#78

Pyrene

Concen: 7.96 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

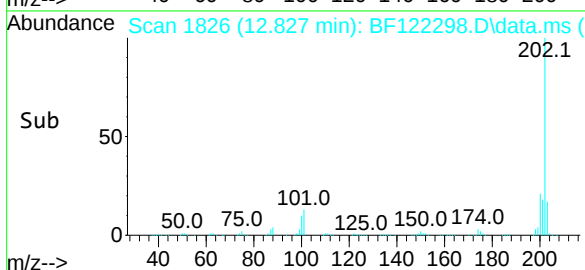
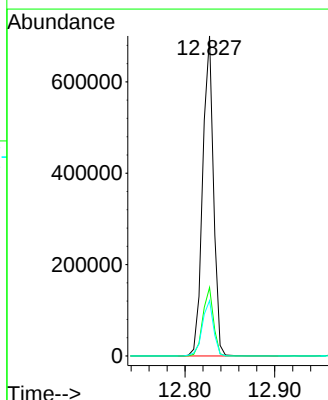
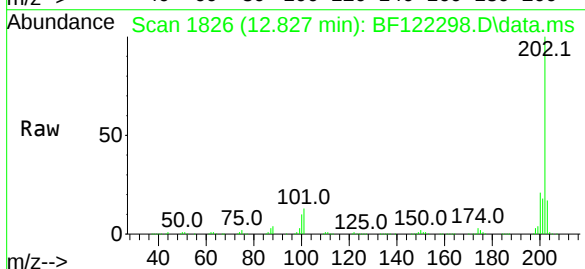
Tgt Ion:202 Resp: 585448

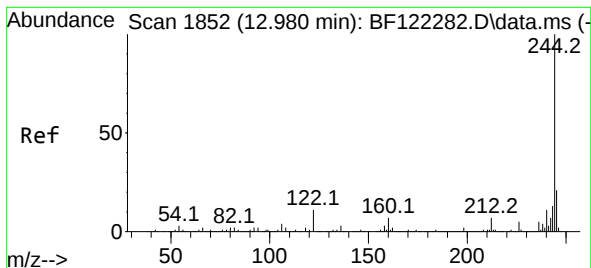
Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 17.3 14.6 21.8

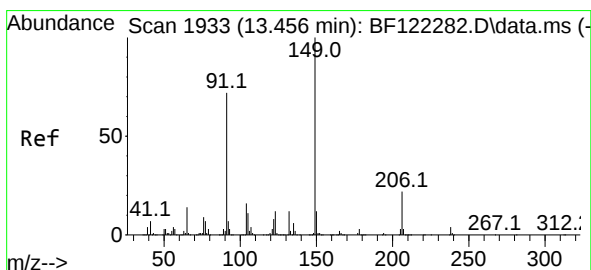
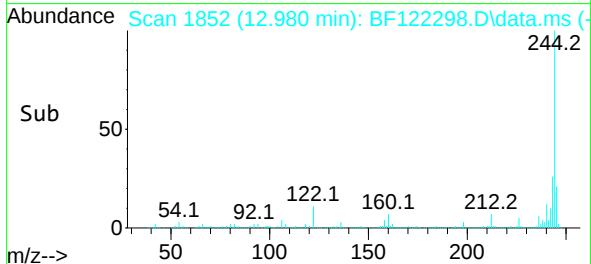
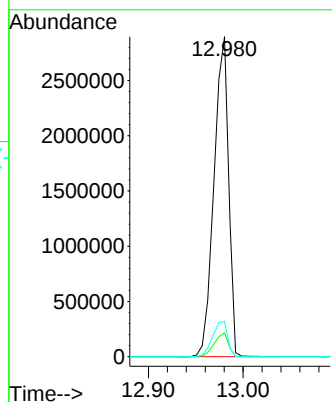
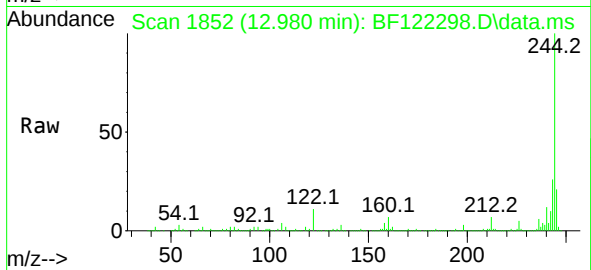




#79
 Terphenyl-d14
 Concen: 62.64 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

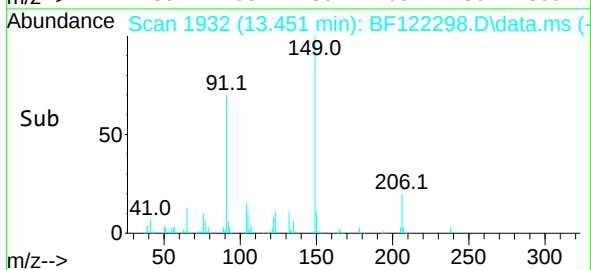
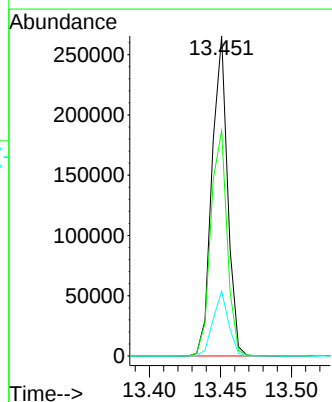
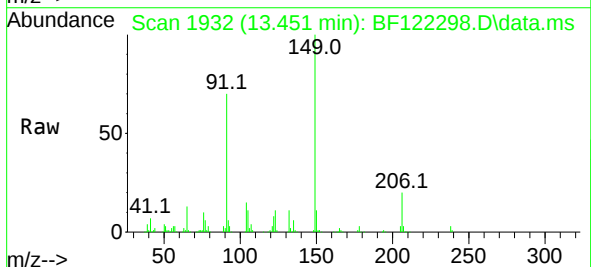
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

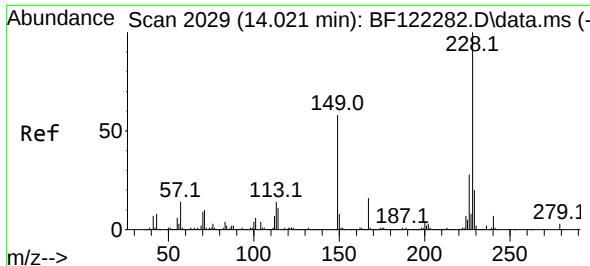
Tgt Ion:244 Resp: 3095699
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 7.67 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122298.D
 Acq: 10 Nov 2020 14:54

Tgt Ion:149 Resp: 202879
 Ion Ratio Lower Upper
 149 100
 91 70.4 61.0 91.4
 206 20.3 16.7 25.1

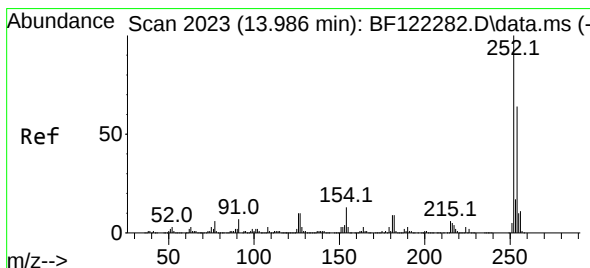
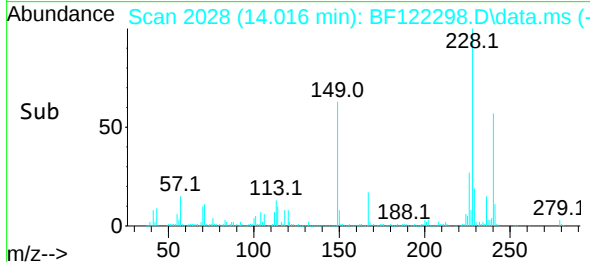
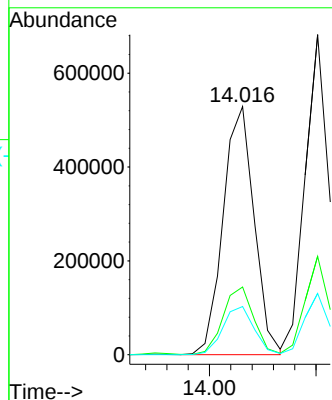
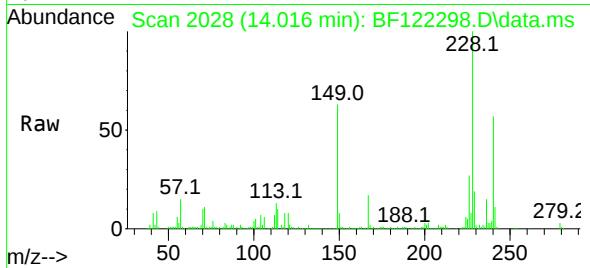




#81
Benzo(a)anthracene
Concen: 8.23 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

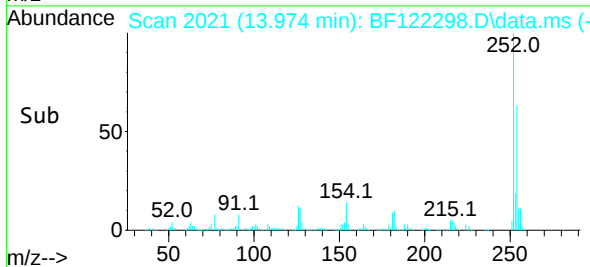
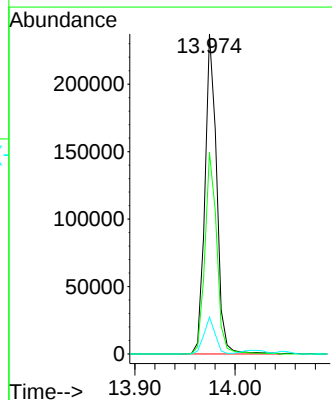
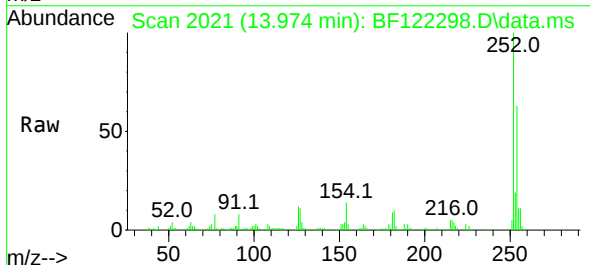
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

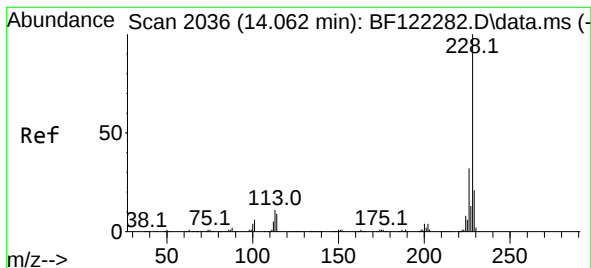
Tgt Ion:228 Resp: 535671
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 7.98 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:252 Resp: 193622
Ion Ratio Lower Upper
252 100
254 63.0 51.8 77.6
126 11.5 8.8 13.2





#83

Chrysene

Concen: 8.11 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

Tgt Ion:228 Resp: 531681

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

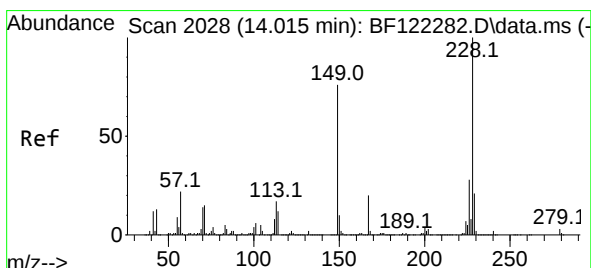
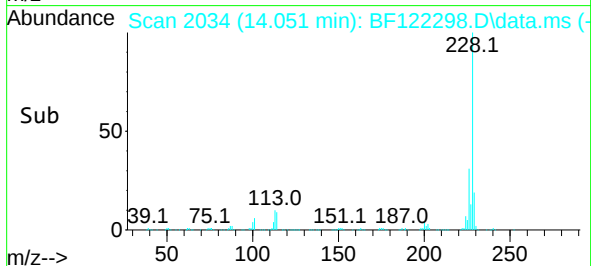
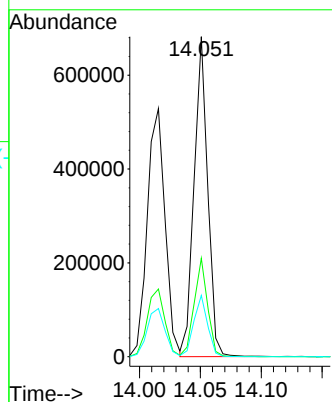
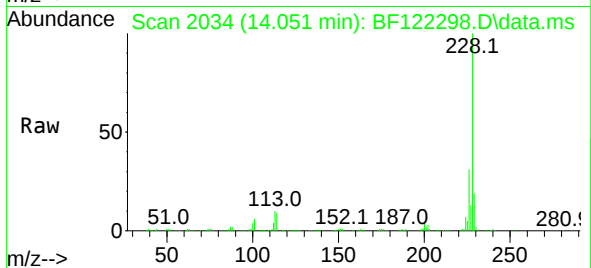
229 19.1 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.04 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

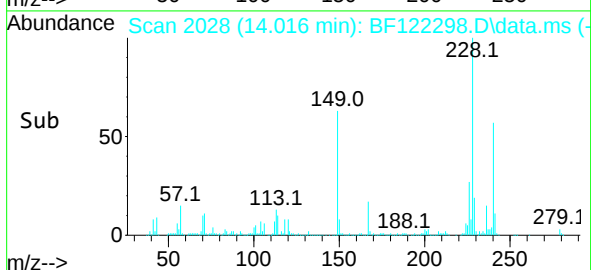
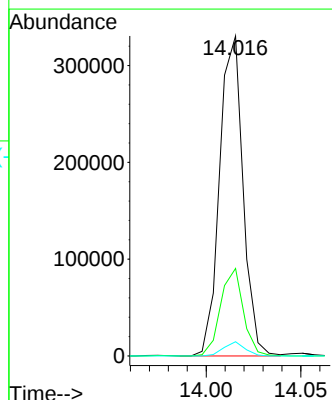
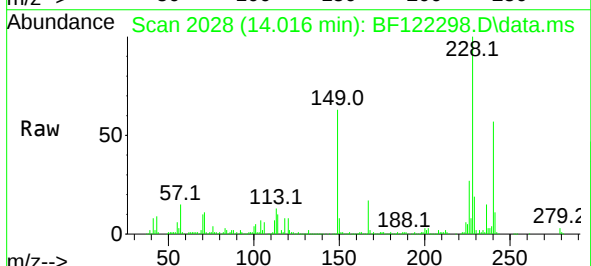
Tgt Ion:149 Resp: 285288

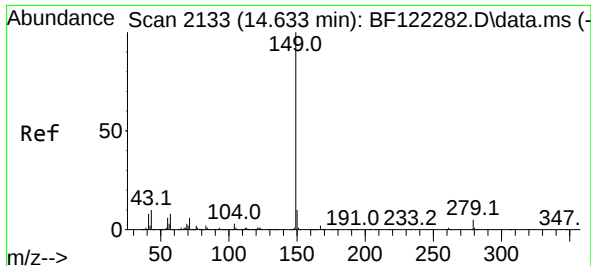
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 4.5 3.2 4.8

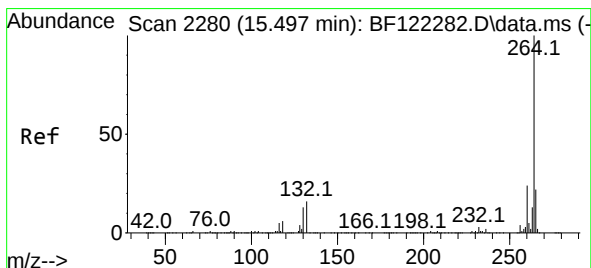
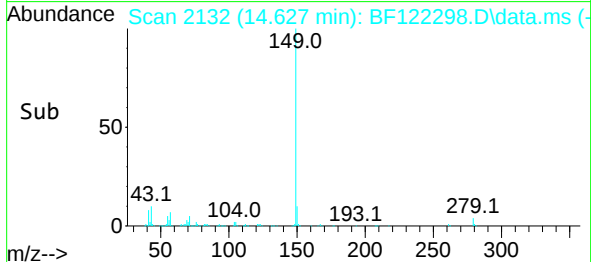
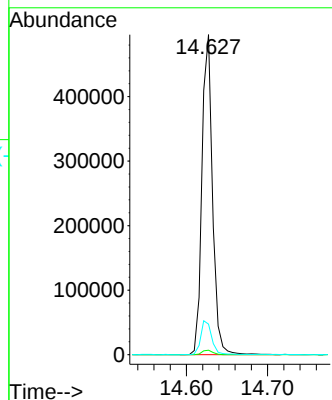
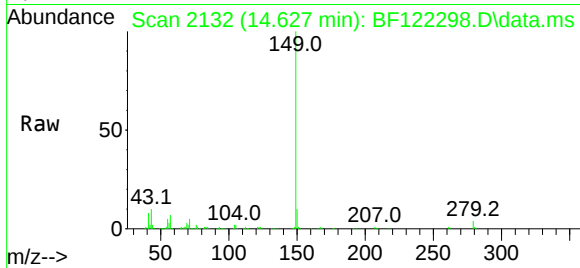




#85
Di-n-octyl phthalate
Concen: 7.47 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

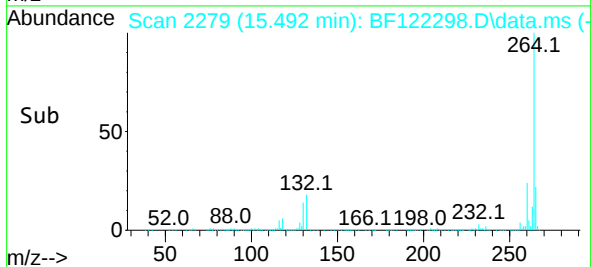
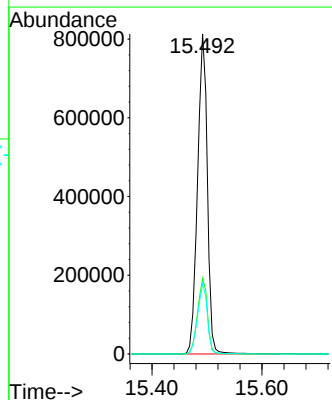
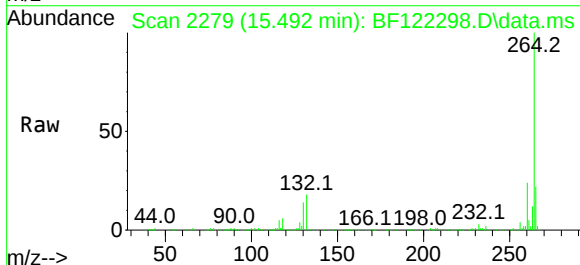
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

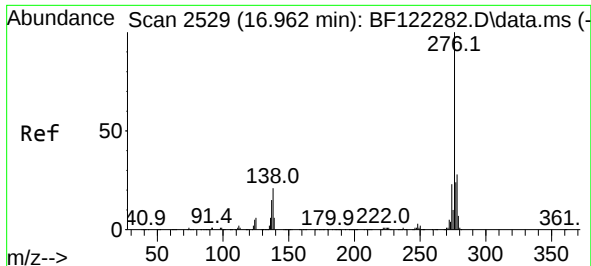
Tgt Ion:149 Resp: 449127
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.2 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:264 Resp: 1006369
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.0 17.3 25.9

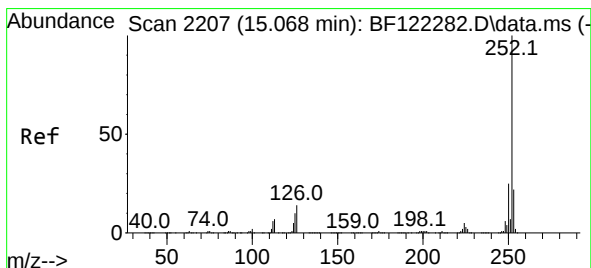
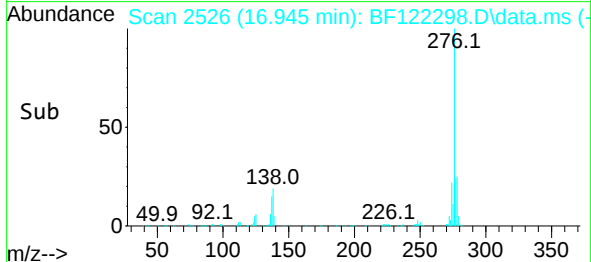
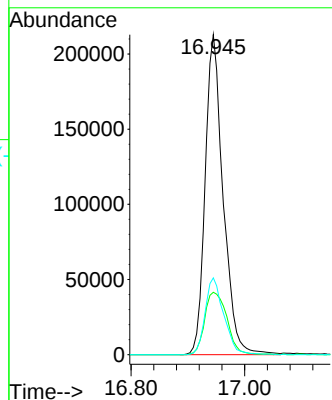
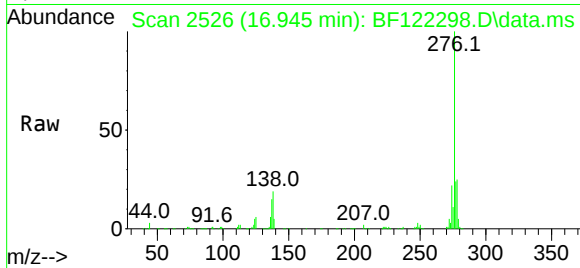




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.73 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

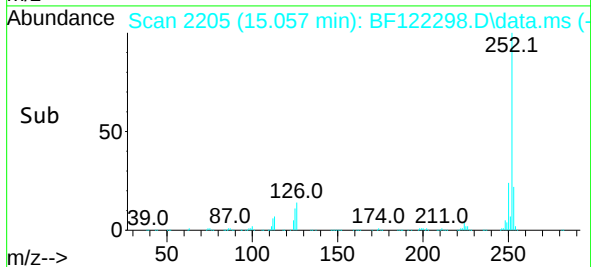
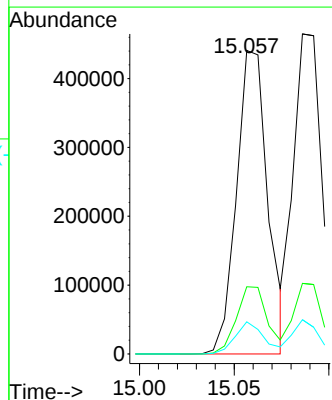
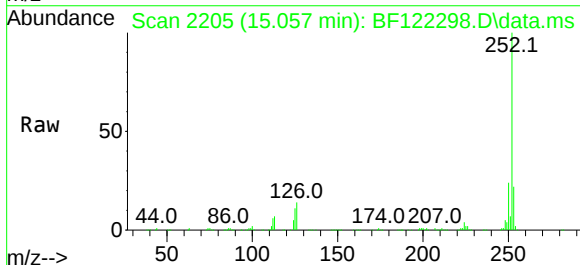
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

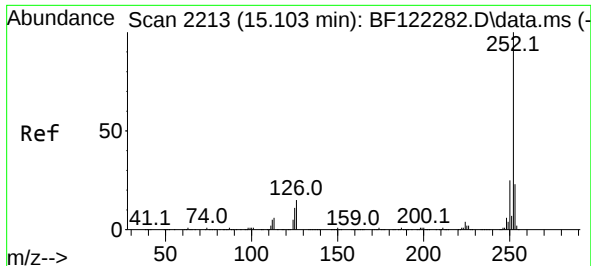
Tgt Ion:276 Resp: 466810
Ion Ratio Lower Upper
276 100
138 24.1 19.9 29.9
277 25.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 7.77 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.011 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:252 Resp: 506100
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 7.90 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.017 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

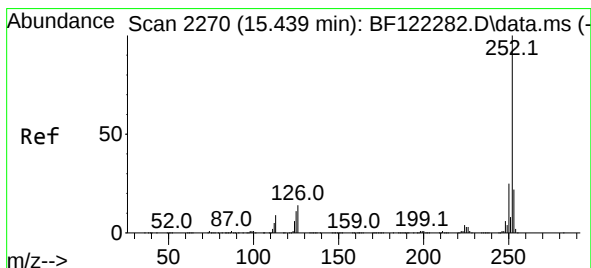
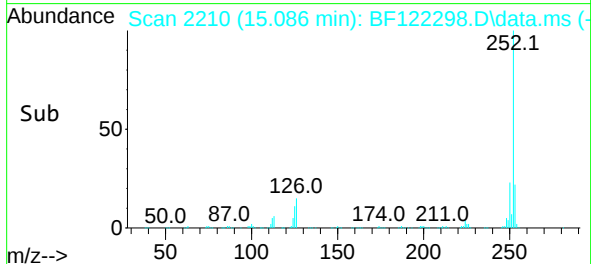
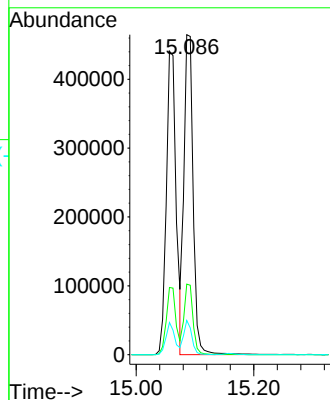
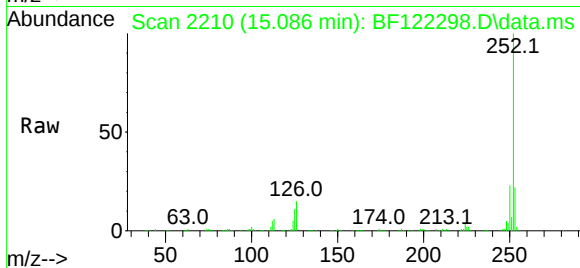
Tgt Ion:252 Resp: 501786

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.7 7.7 11.5



#90

Benzo(a)pyrene

Concen: 7.68 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.011 min

Lab File: BF122298.D

Acq: 10 Nov 2020 14:54

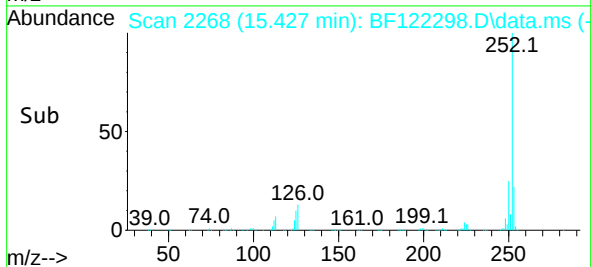
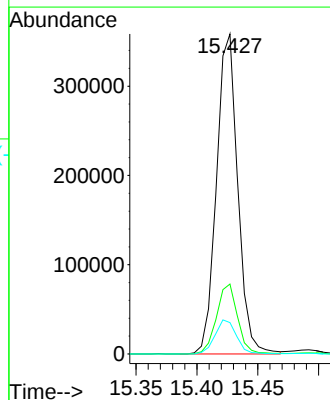
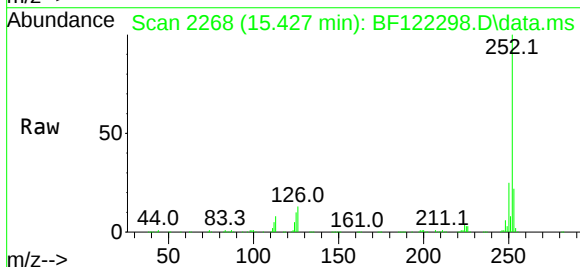
Tgt Ion:252 Resp: 436447

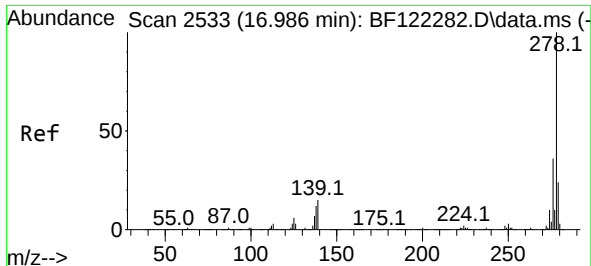
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.8 8.6 13.0

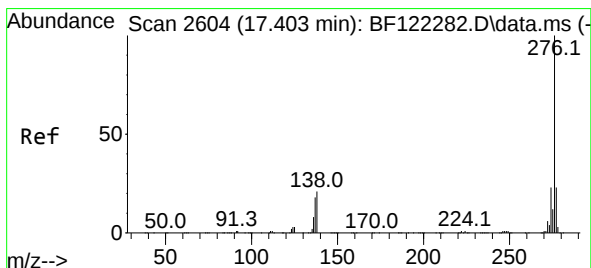
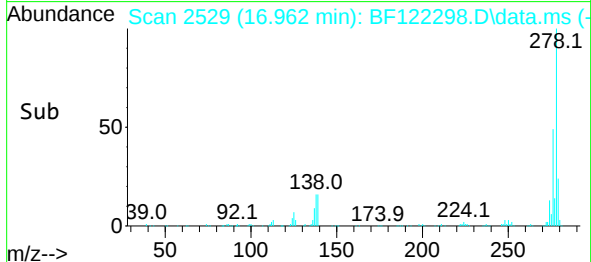
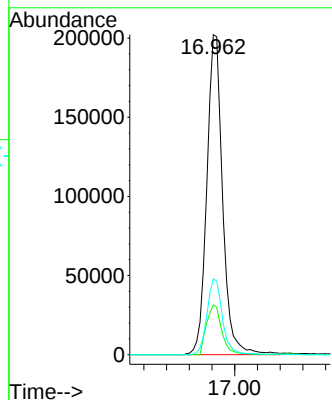
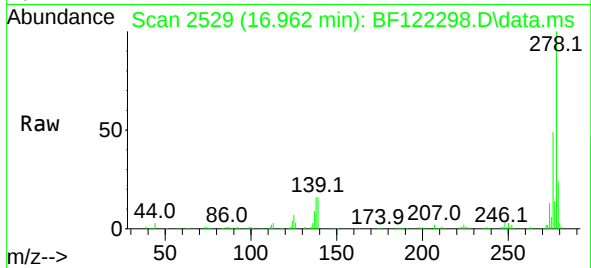




#91
Dibenzo(a,h)anthracene
Concen: 7.70 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

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

Tgt Ion:278 Resp: 389542
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 7.73 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF122298.D
Acq: 10 Nov 2020 14:54

Tgt Ion:276 Resp: 380022
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 21.7 17.8 26.6

