

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129297.D
 Acq On : 21 Jul 2022 15:25
 Operator : CG\JU
 Sample : N3214-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 21 15:43:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	176752	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	675583	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	360768	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	616460	20.000	ng	0.00
76) Chrysene-d12	14.068	240	475722	20.000	ng	-0.01
86) Perylene-d12	15.562	264	370962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	996844	91.987	ng	0.00
7) Phenol-d6	6.522	99	1270487	91.969	ng	0.00
23) Nitrobenzene-d5	7.457	82	862314	68.670	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	356656	102.468	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1524322	64.999	ng	0.00
79) Terphenyl-d14	13.016	244	1612410	63.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	19627	4.085	ng	89
3) Pyridine	3.575	79	39018	2.941	ng	94
4) n-Nitrosodimethylamine	3.428	42	26626	4.470	ng	94
6) Aniline	6.557	93	81880	4.817	ng	98
8) 2-Chlorophenol	6.681	128	54455	4.584	ng	91
9) Benzaldehyde	6.445	77	44964	4.745	ng	93
10) Phenol	6.534	94	64136	4.418	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	52301	4.551	ng	93
12) 1,3-Dichlorobenzene	6.834	146	58612	4.578	ng	99
13) 1,4-Dichlorobenzene	6.910	146	59883	4.622	ng	100
14) 1,2-Dichlorobenzene	7.063	146	56615	4.729	ng	98
15) Benzyl Alcohol	7.028	79	58820	5.869	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	76206	4.350	ng	92
17) 2-Methylphenol	7.134	107	43960	4.540	ng	98
18) Hexachloroethane	7.404	117	22551	4.639	ng	89
19) n-Nitroso-di-n-propyla...	7.292	70	38105	4.629	ng	99
20) 3+4-Methylphenols	7.287	107	57135	4.525	ng	# 90
22) Acetophenone	7.298	105	78962	4.978	ng	98
24) Nitrobenzene	7.475	77	62041	4.797	ng	94
25) Isophorone	7.704	82	104871	4.757	ng	97
26) 2-Nitrophenol	7.787	139	27981	4.484	ng	98
27) 2,4-Dimethylphenol	7.822	122	47034	5.010	ng	94
28) bis(2-Chloroethoxy)met...	7.916	93	64784	5.072	ng	95
29) 2,4-Dichlorophenol	8.028	162	43054	4.409	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	47862	4.716	ng	97
31) Naphthalene	8.198	128	161231	4.653	ng	99
32) Benzoic acid	7.886	122	38679	5.637	ng	98
33) 4-Chloroaniline	8.245	127	67166	4.753	ng	96
34) Hexachlorobutadiene	8.310	225	27211	4.691	ng	98
35) Caprolactam	8.581	113	13973	4.486	ng	# 75
36) 4-Chloro-3-methylphenol	8.716	107	48300	4.656	ng	94
37) 2-Methylnaphthalene	8.886	142	106419	4.740	ng	100
38) 1-Methylnaphthalene	8.986	142	102241	4.707	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	46782	4.939	ng	98
41) Hexachlorocyclopentadiene	9.039	237	18380	4.403	ng	93
43) 2,4,6-Trichlorophenol	9.163	196	31193	4.507	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	32567	4.337	ng	96
46) 1,1'-Biphenyl	9.351	154	131283	4.925	ng	99
47) 2-Chloronaphthalene	9.381	162	100640	4.713	ng	96
48) 2-Nitroaniline	9.469	65	31498	4.392	ng	96
49) Acenaphthylene	9.792	152	163133	4.975	ng	98
50) Dimethylphthalate	9.645	163	112394	4.535	ng	100
51) 2,6-Dinitrotoluene	9.710	165	24984	4.502	ng	93
52) Acenaphthene	9.963	154	102423	4.813	ng	97
53) 3-Nitroaniline	9.880	138	27262	4.128	ng	98
54) 2,4-Dinitrophenol	9.986	184	16451	5.858	ng	94
55) Dibenzofuran	10.139	168	143104	4.839	ng	99
56) 4-Nitrophenol	10.033	139	19542	4.052	ng	95
57) 2,4-Dinitrotoluene	10.116	165	32561	4.475	ng	89
58) Fluorene	10.480	166	112774	4.778	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	24345	4.206	ng	90
60) Diethylphthalate	10.345	149	112972	4.737	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	51371	4.975	ng	# 88
62) 4-Nitroaniline	10.486	138	26613	4.080	ng	97
63) Azobenzene	10.633	77	111771	4.530	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	13911	3.669	ng	97
66) n-Nitrosodiphenylamine	10.586	169	96397	4.730	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	30339	4.561	ng	93
68) Hexachlorobenzene	11.027	284	34700	4.763	ng	94
69) Atrazine	11.110	200	30287	4.862	ng	96
70) Pentachlorophenol	11.222	266	14314	3.574	ng	96
71) Phenanthrene	11.445	178	165488	4.891	ng	99
72) Anthracene	11.498	178	165142	4.926	ng	98
73) Carbazole	11.651	167	152625	4.880	ng	97
74) Di-n-butylphthalate	11.974	149	171521	4.747	ng	98
75) Fluoranthene	12.639	202	165587	4.802	ng	97
77) Benzidine	12.757	184	83926	4.427	ng	99
78) Pyrene	12.869	202	172048	4.229	ng	99
80) Butylbenzylphthalate	13.480	149	63210	3.807	ng	97
81) Benzo(a)anthracene	14.057	228	143327	4.375	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	47746	4.440	ng	99
83) Chrysene	14.092	228	132382	4.282	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	83070	4.074	ng	98
85) Di-n-octyl phthalate	14.651	149	115546	3.960	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	91184	3.586	ng	98
88) Benzo(b)fluoranthene	15.115	252	118324	4.792	ng	100
89) Benzo(k)fluoranthene	15.145	252	109232	4.556	ng	98
90) Benzo(a)pyrene	15.492	252	103050	5.158	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	77799	3.796	ng	98
92) Benzo(g,h,i)perylene	17.521	276	77940	3.659	ng	97

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

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2022

Abundance

TIC: BF129297.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine,
Pyridine,

2-Fluorophenol,S

Phenol-d6,S

Nitrobenzene-d5,S

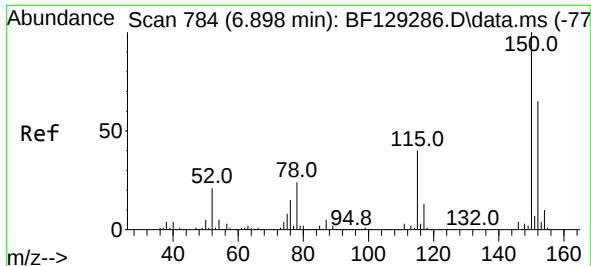
Naphthalene-d8,I

Acenaphthene-d10,I

Phenanthrene-d10,I

Chrysene-d12,I

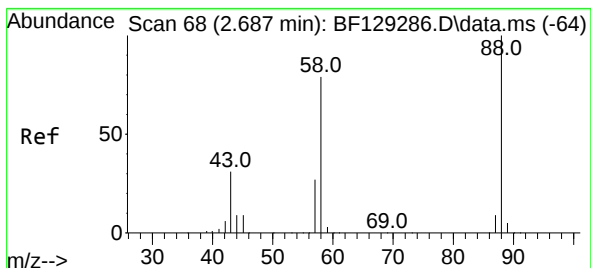
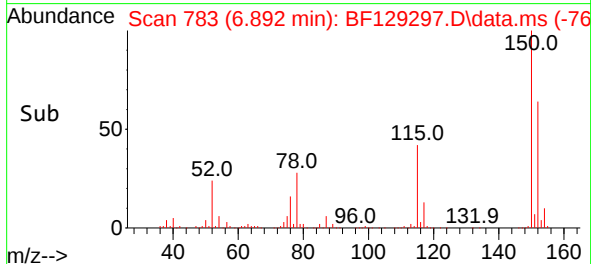
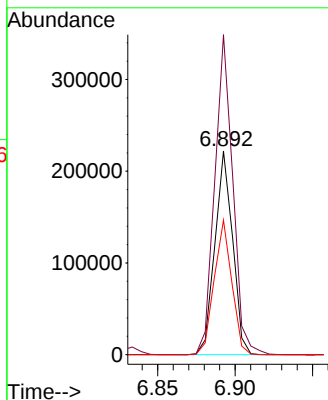
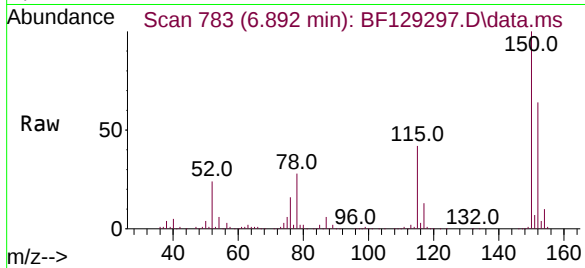
Terphenyl-d14,S



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25

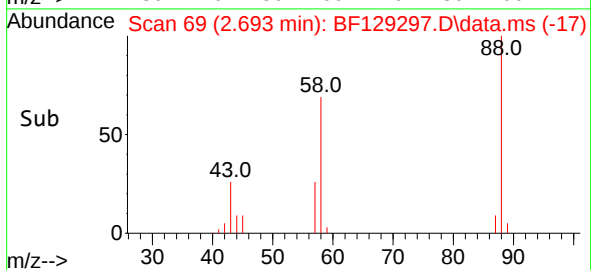
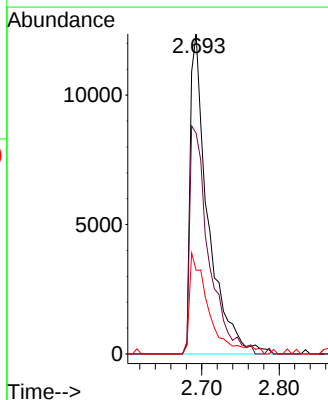
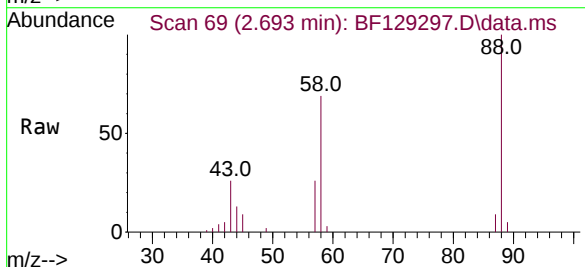
Instrument :
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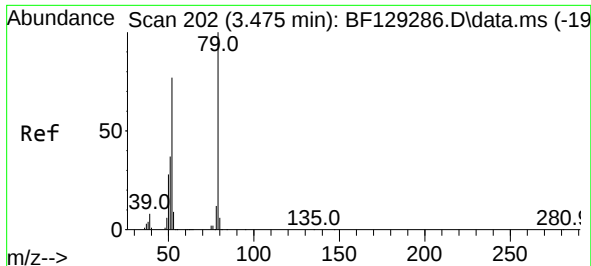
Tgt Ion:152 Resp: 176752
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 66.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 4.085 ng
 RT: 2.693 min Scan# 69
 Delta R.T. 0.006 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25

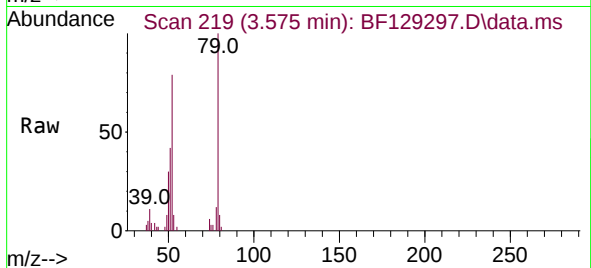
Tgt Ion: 88 Resp: 19627
 Ion Ratio Lower Upper
 88 100
 58 76.1 71.8 107.8
 43 34.1 26.6 39.8



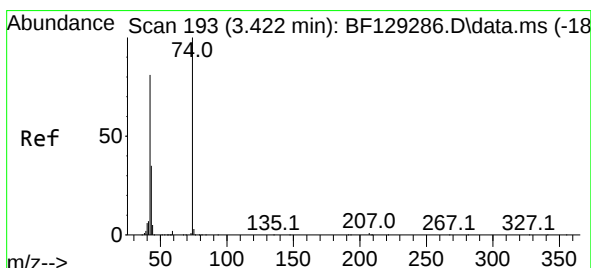
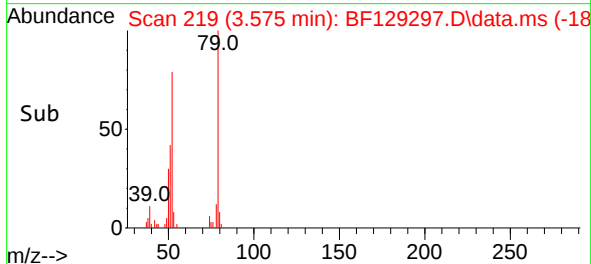
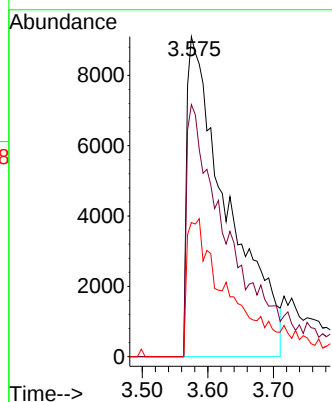


#3
Pyridine
Concen: 2.941 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

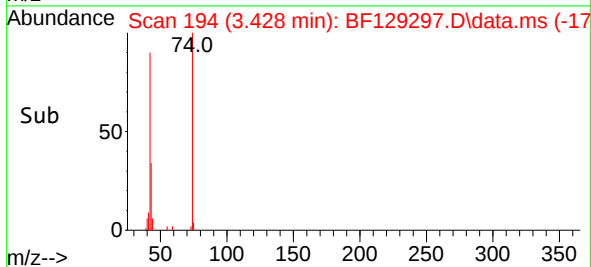
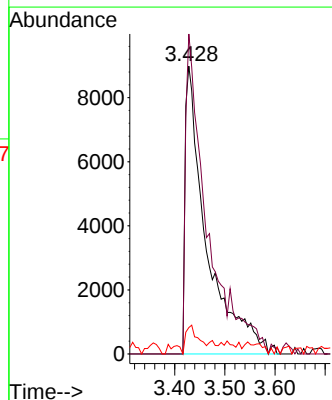
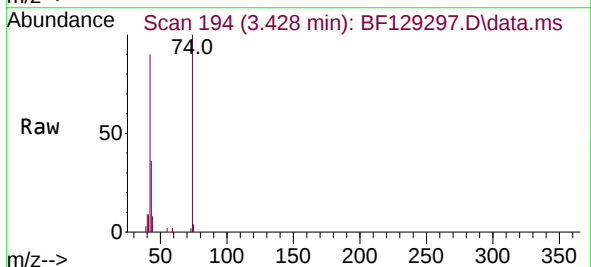


Tgt Ion: 79 Resp: 39018
Ion Ratio Lower Upper
79 100
52 78.8 68.6 102.8
51 41.9 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 4.470 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion: 42 Resp: 26626
Ion Ratio Lower Upper
42 100
74 111.2 94.8 142.2
44 9.2 6.6 10.0

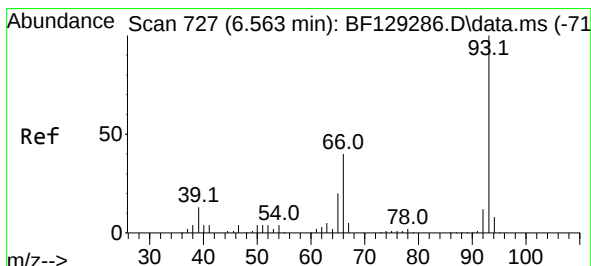
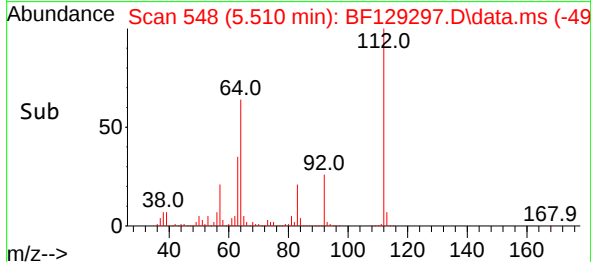
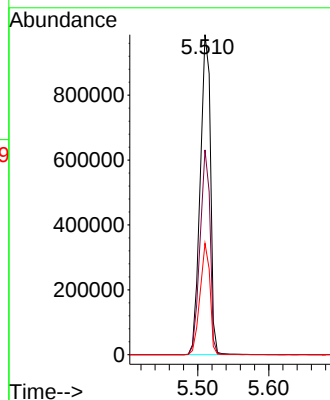
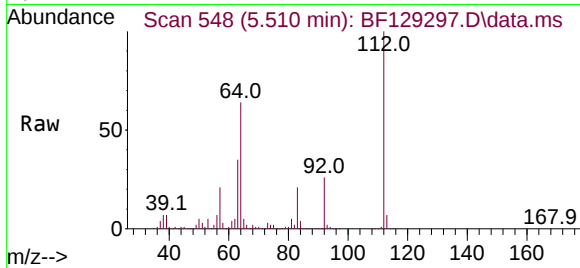




#5
2-Fluorophenol
Concen: 91.987 ng
RT: 5.510 min Scan# 54
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

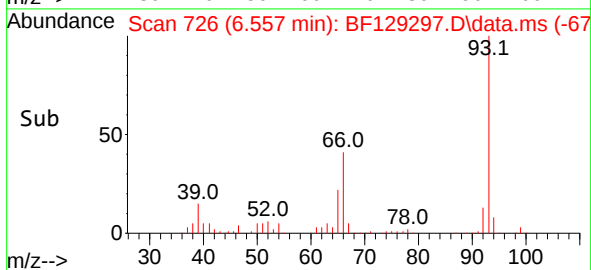
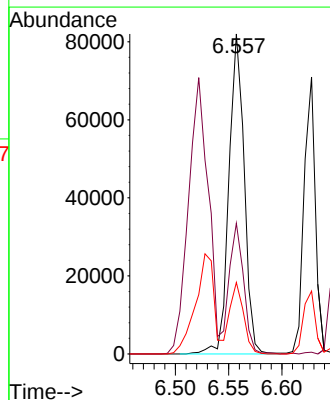
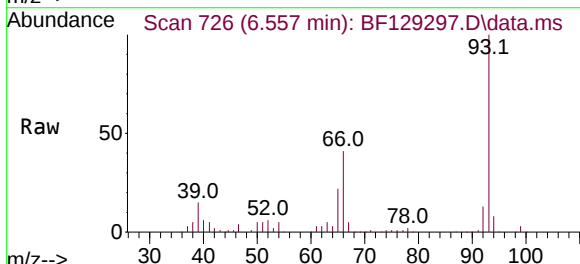
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ClientSampleId :
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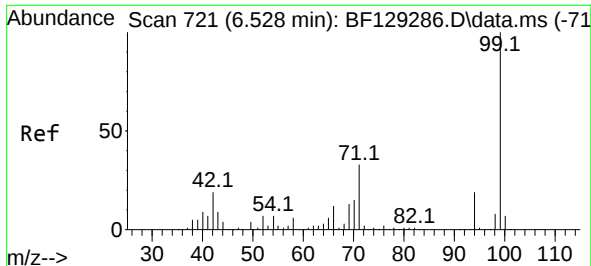
Tgt Ion:112 Resp: 996844
Ion Ratio Lower Upper
112 100
64 64.0 53.3 79.9
63 34.8 28.0 42.0



#6
Aniline
Concen: 4.817 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion: 93 Resp: 81880
Ion Ratio Lower Upper
93 100
66 40.9 32.5 48.7
65 22.4 16.4 24.6

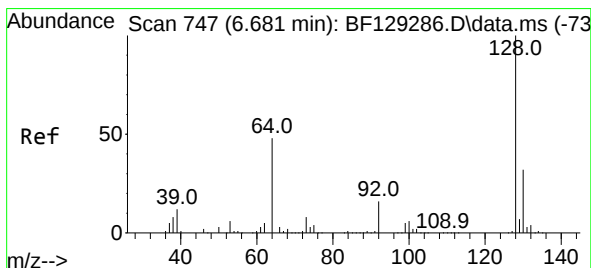
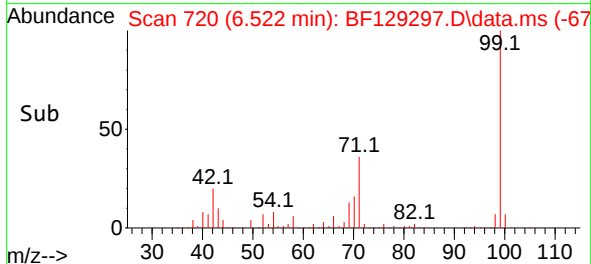
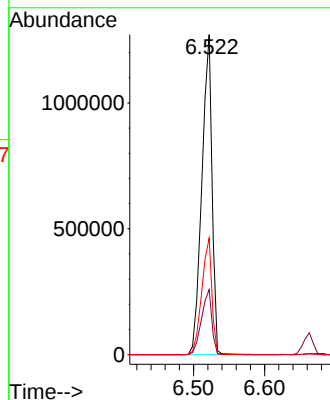
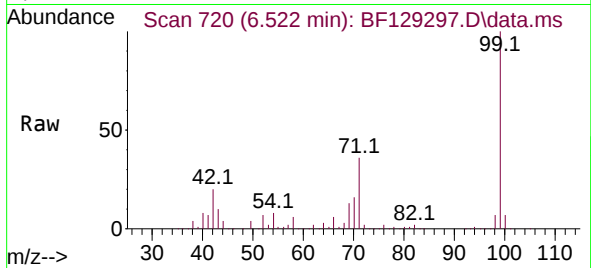




#7
Phenol-d6
Concen: 91.969 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

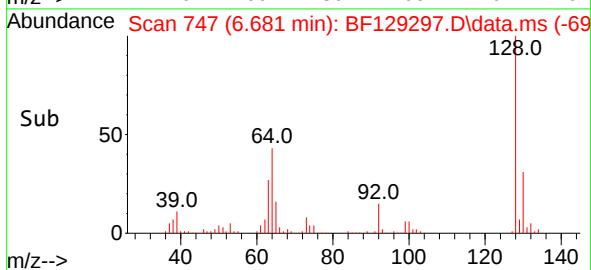
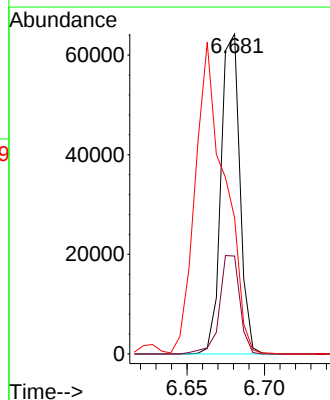
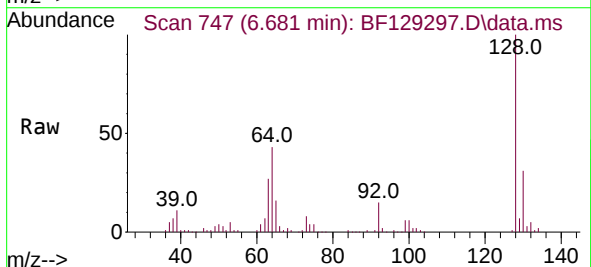
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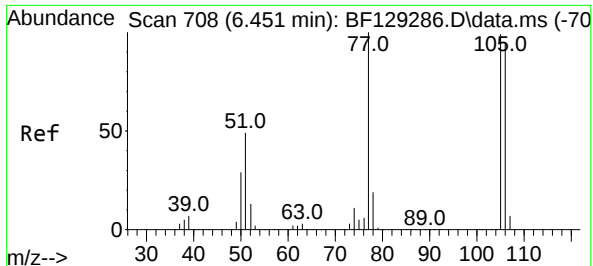
Tgt Ion: 99 Resp: 1270487
Ion Ratio Lower Upper
99 100
42 20.4 17.3 25.9
71 36.5 28.9 43.3



#8
2-Chlorophenol
Concen: 4.584 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion: 128 Resp: 54455
Ion Ratio Lower Upper
128 100
130 30.6 13.1 53.1
64 42.6 30.9 70.9

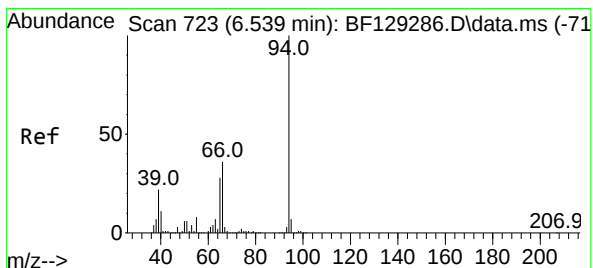
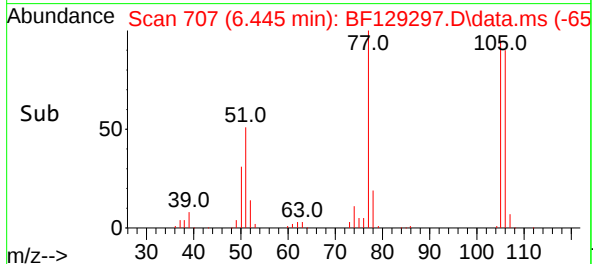
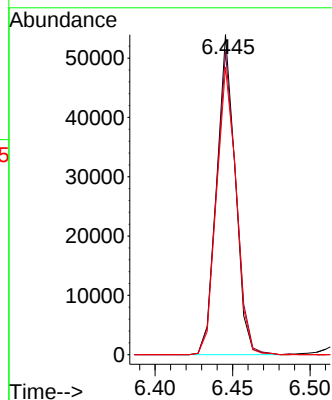
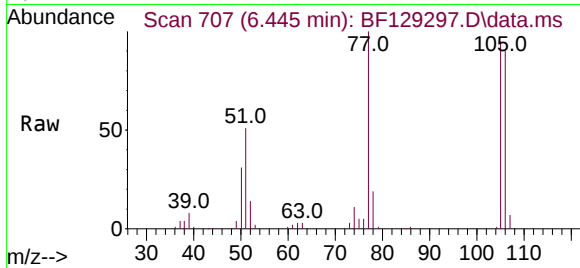




#9
Benzaldehyde
Concen: 4.745 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

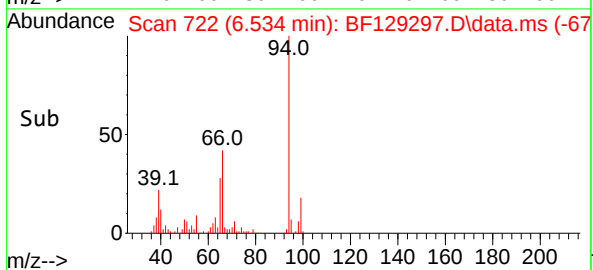
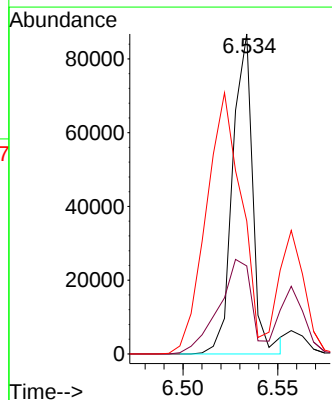
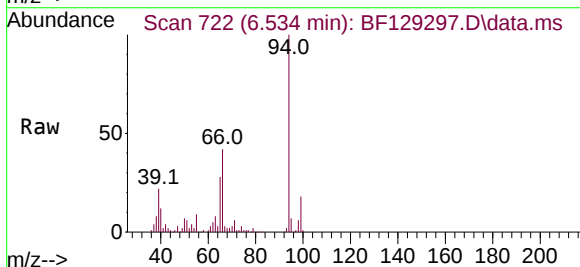
Instrument :
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ClientSampleId :
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Tgt Ion:	77	Resp:	44964
Ion	Ratio	Lower	Upper
77	100		
105	94.7	81.6	121.6
106	89.9	76.1	116.1



#10
Phenol
Concen: 4.418 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF129297.D
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Tgt Ion:	94	Resp:	64136
Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.4	51.4
66	41.5	21.4	61.4

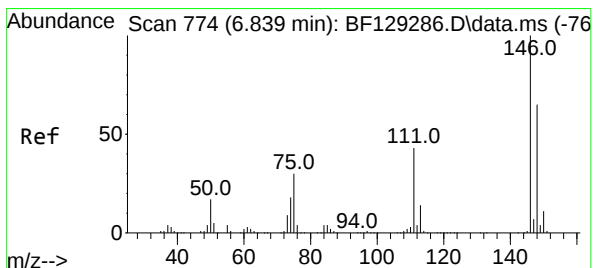
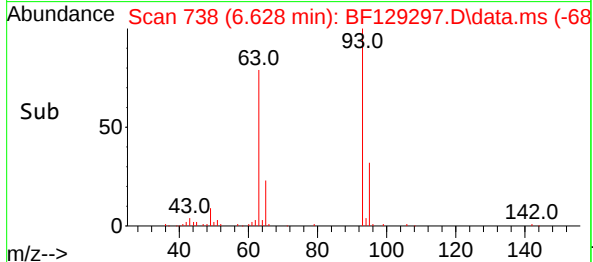
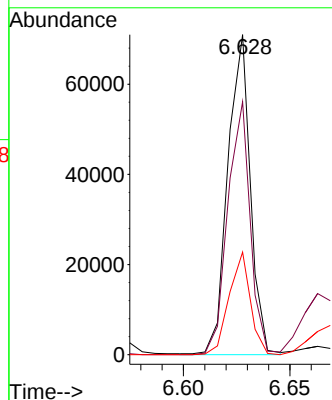
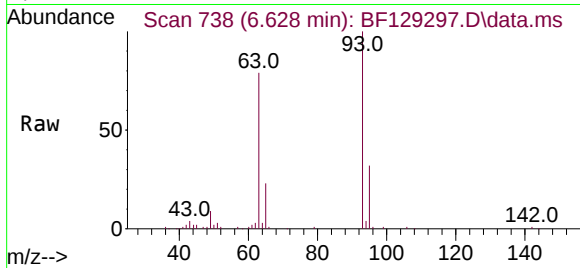




#11
bis(2-Chloroethyl)ether
Concen: 4.551 ng
RT: 6.628 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

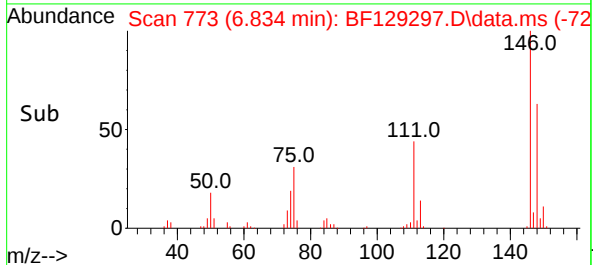
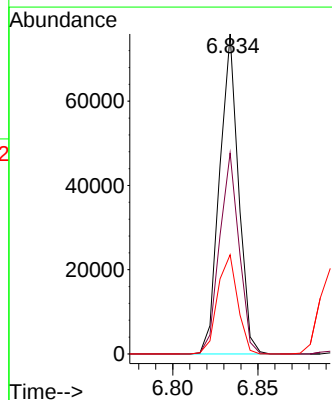
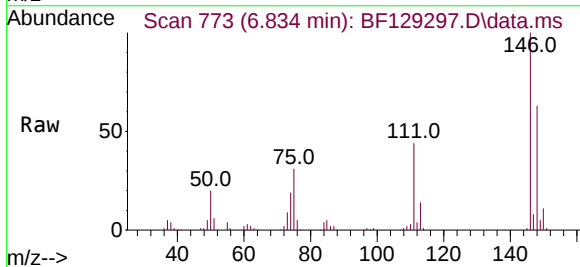
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

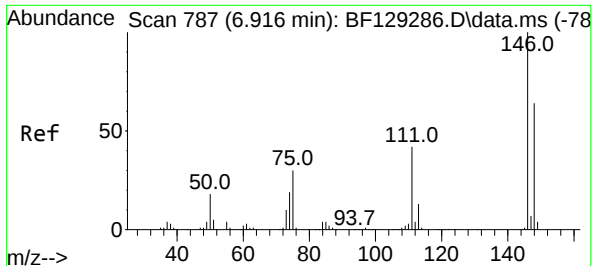
Tgt Ion:	93	Resp:	52301
Ion	Ratio	Lower	Upper
93	100		
63	79.1	67.4	107.4
95	32.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 4.578 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:	146	Resp:	58612
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	31.0	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 4.622 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

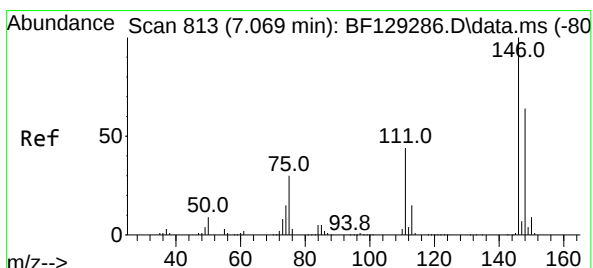
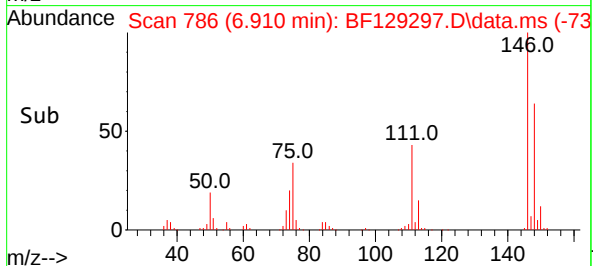
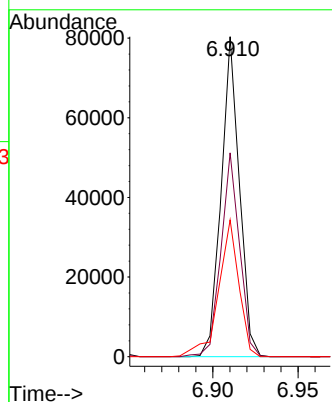
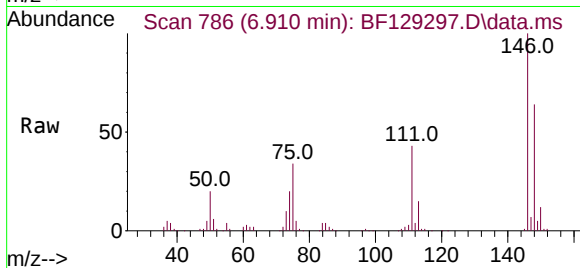
Tgt Ion:146 Resp: 59883

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 42.8 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 4.729 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

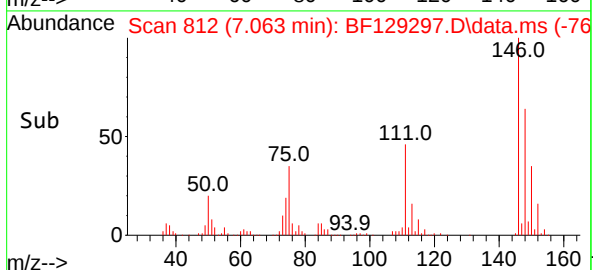
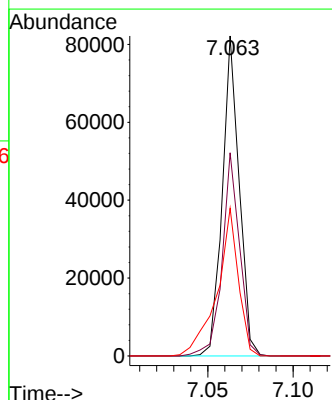
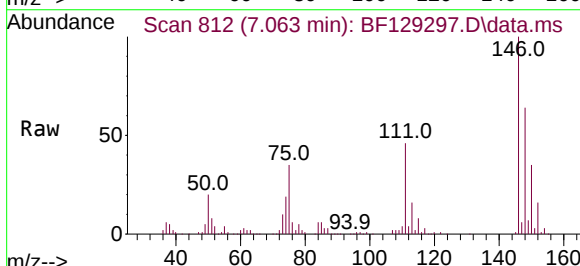
Tgt Ion:146 Resp: 56615

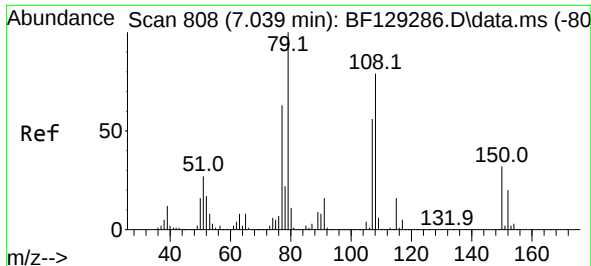
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

111 46.2 35.1 52.7

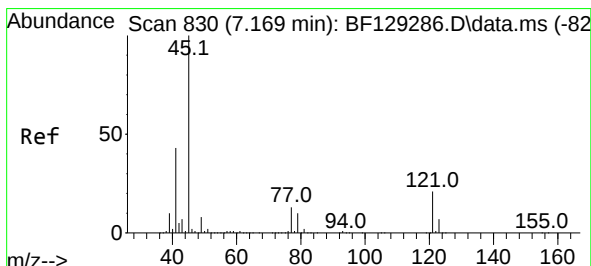
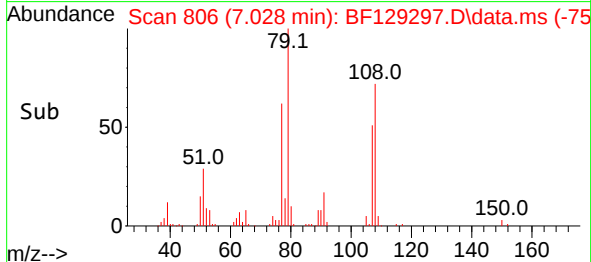
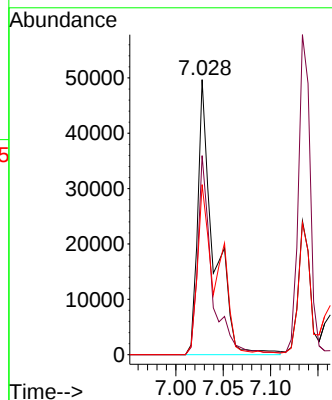
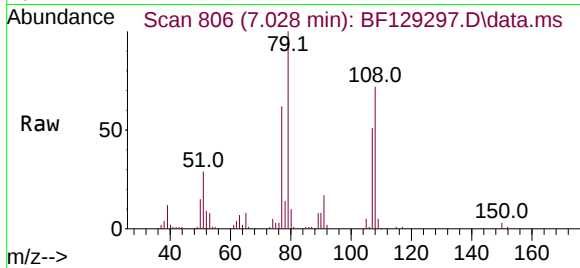




#15
Benzyl Alcohol
Concen: 5.869 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

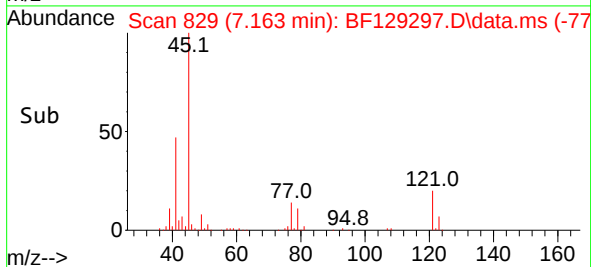
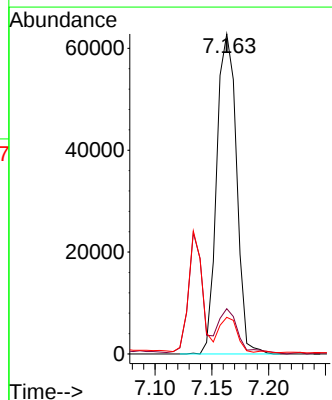
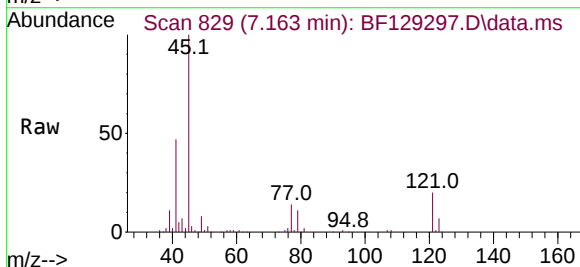
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

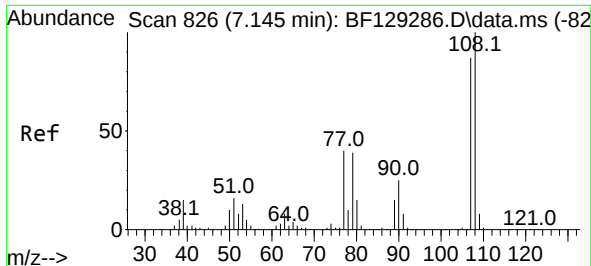
Tgt Ion: 79 Resp: 58820
Ion Ratio Lower Upper
79 100
108 72.4 61.8 92.6
77 61.8 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.350 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion: 45 Resp: 76206
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.3
79 11.5 0.0 28.3

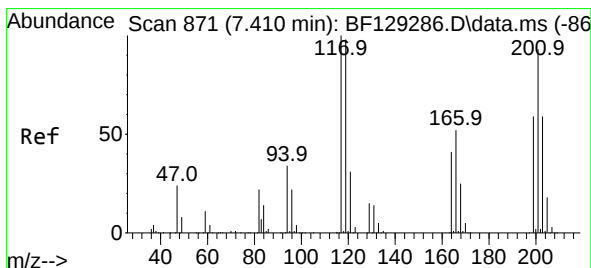
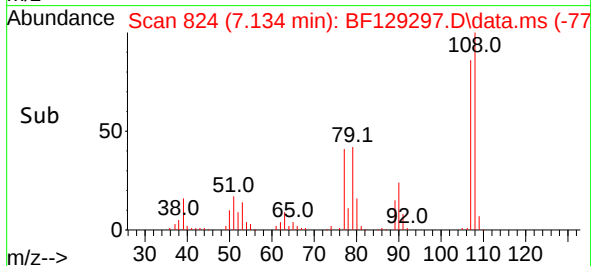
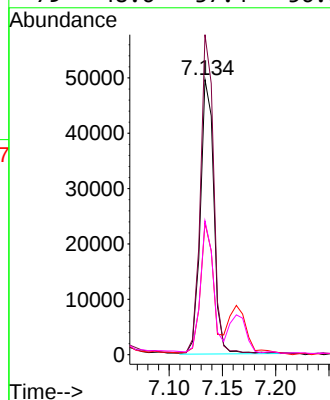
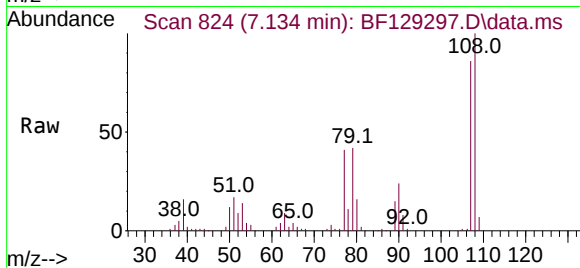




#17
2-Methylphenol
Concen: 4.540 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

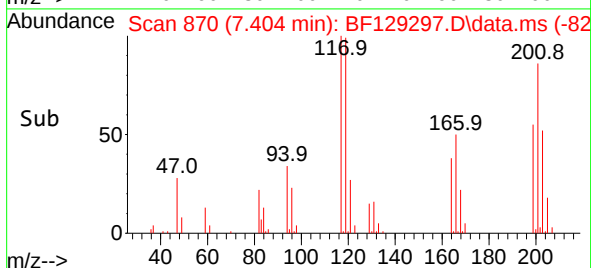
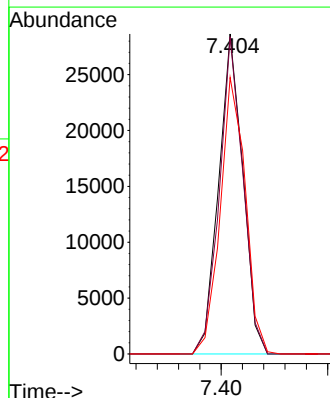
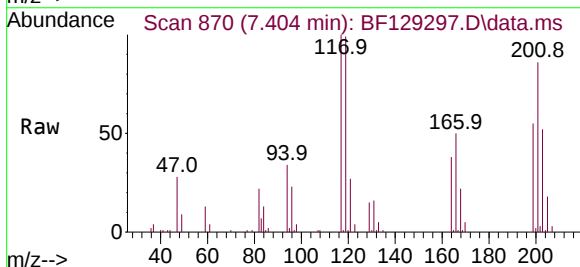
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

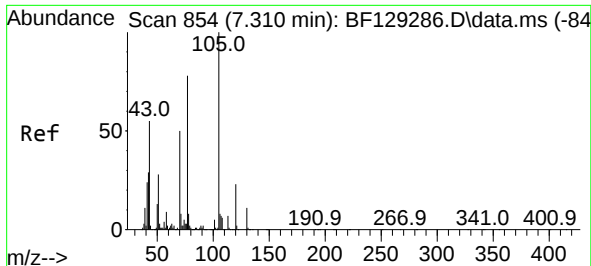
Tgt Ion:107	Resp:	43960
Ion	Ratio	Lower Upper
107	100	
108	116.3	91.9 137.9
77	47.9	37.8 56.8
79	48.6	37.4 56.0



#18
Hexachloroethane
Concen: 4.639 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:117	Resp:	22551
Ion	Ratio	Lower Upper
117	100	
119	99.2	77.4 116.2
201	86.4	84.6 127.0

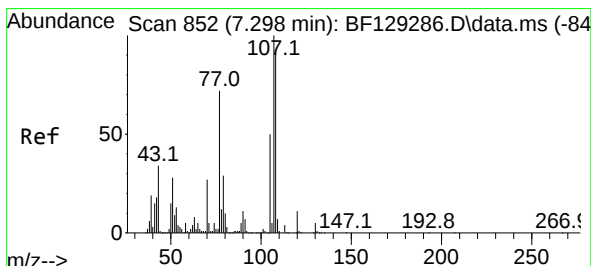
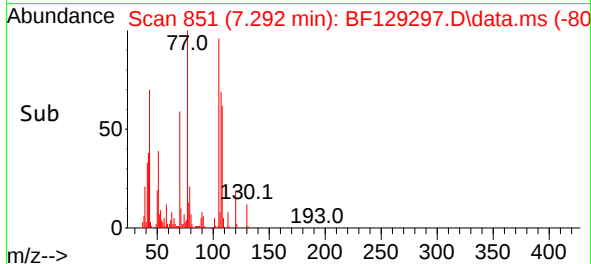
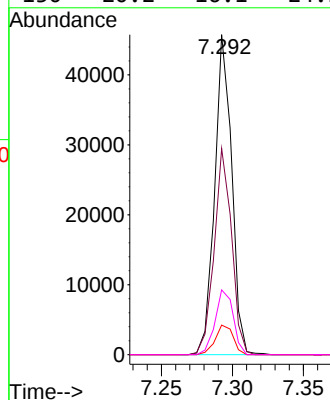
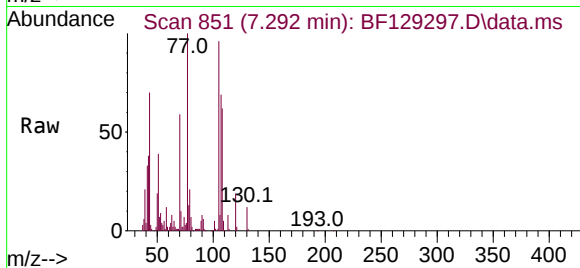




#19
n-Nitroso-di-n-propylamine
Concen: 4.629 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

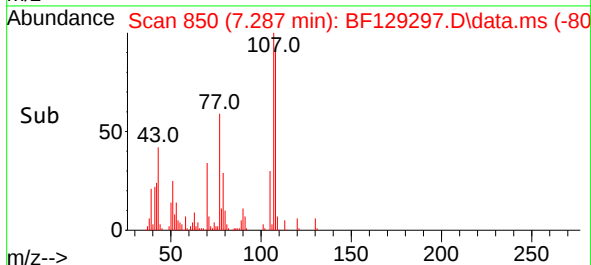
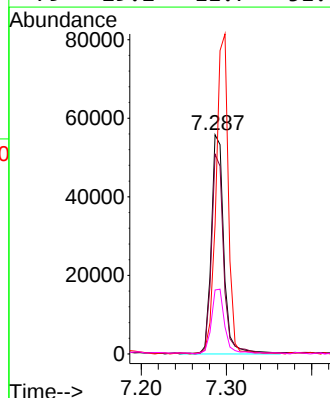
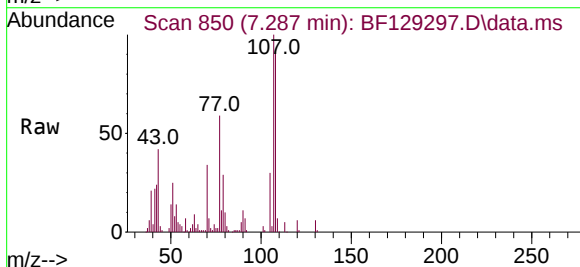
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

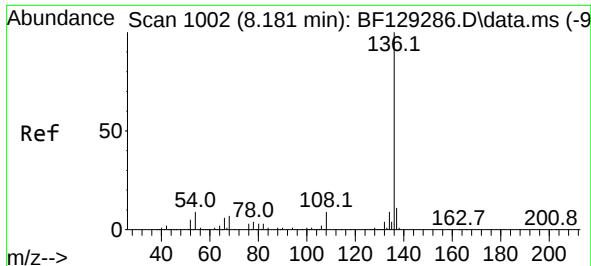
Tgt Ion:	70	Resp:	38105
Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.3	78.5
101	9.2	7.5	11.3
130	20.2	16.1	24.1



#20
3+4-Methylphenols
Concen: 4.525 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:	107	Resp:	57135
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.8	111.8
77	58.9	59.3	99.3#
79	29.2	11.7	51.7



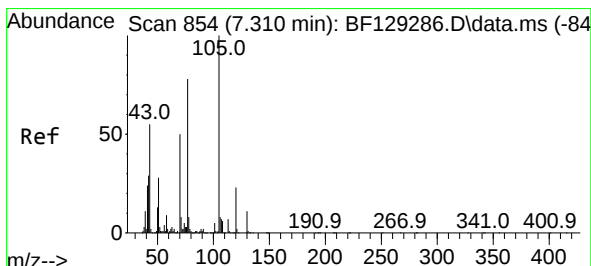
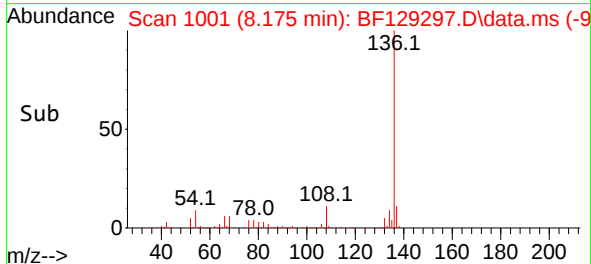
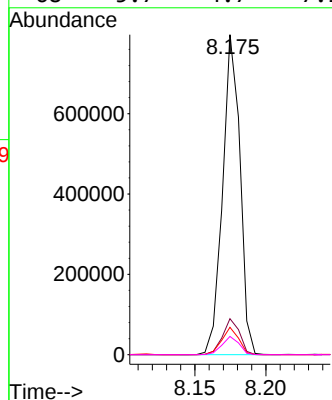
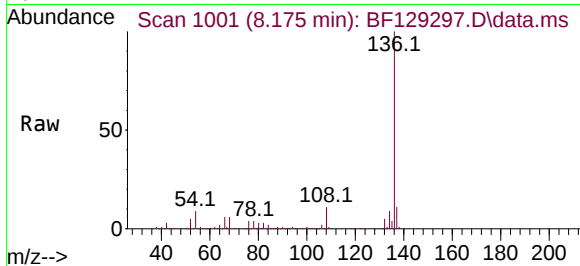


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:136 Resp: 675583

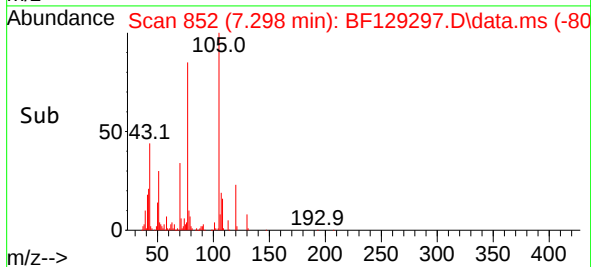
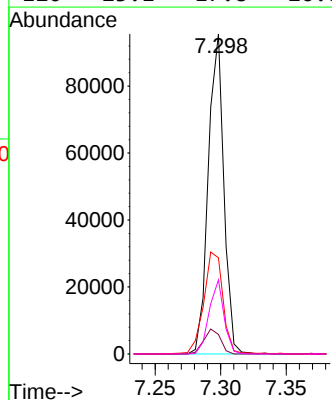
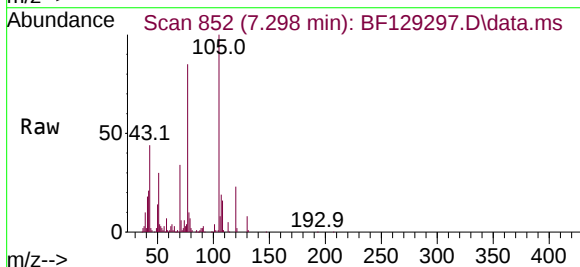
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	7.5	11.3
68	5.7	4.7	7.1

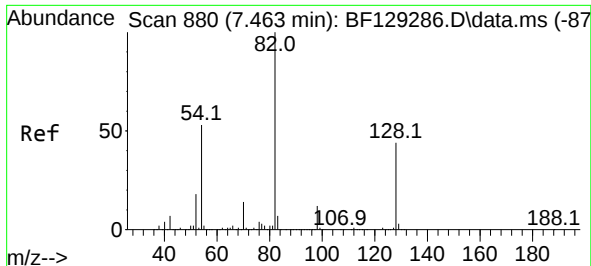


#22
Acetophenone
Concen: 4.978 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:105 Resp: 78962

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.0	7.4
51	30.1	25.0	37.4
120	23.1	17.8	26.8





#23

Nitrobenzene-d5

Concen: 68.670 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

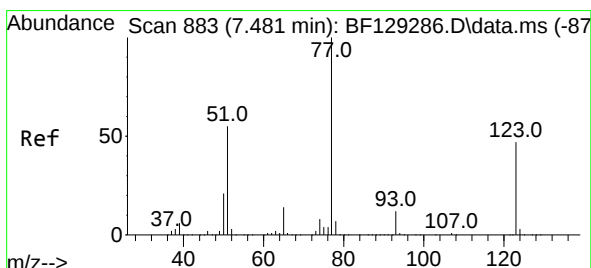
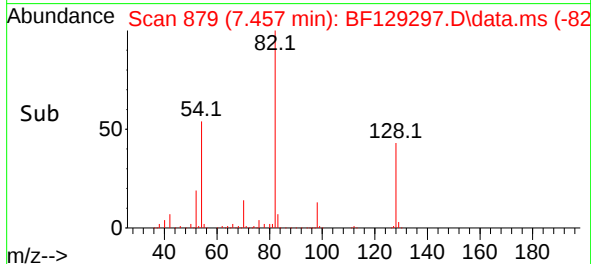
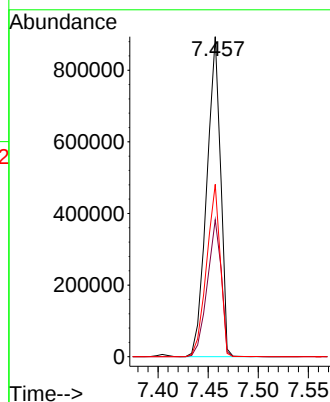
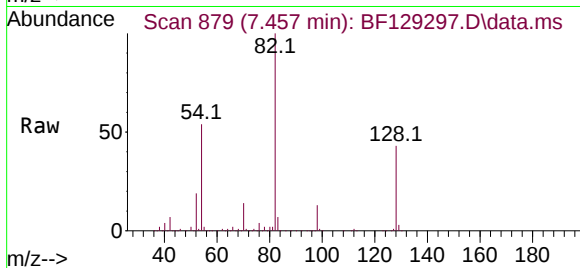
Tgt Ion: 82 Resp: 862314

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 53.9 46.9 70.3



#24

Nitrobenzene

Concen: 4.797 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

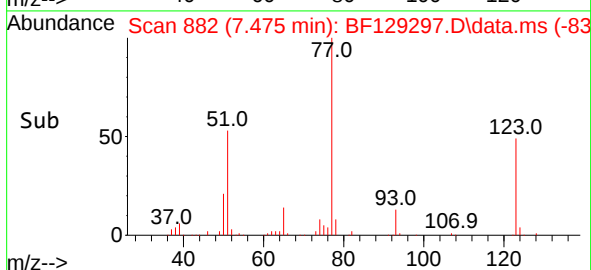
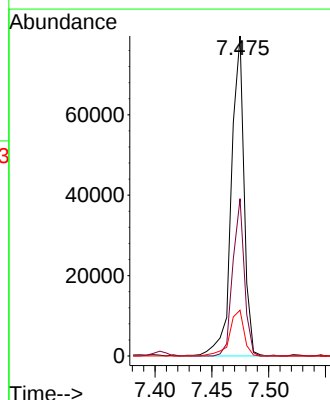
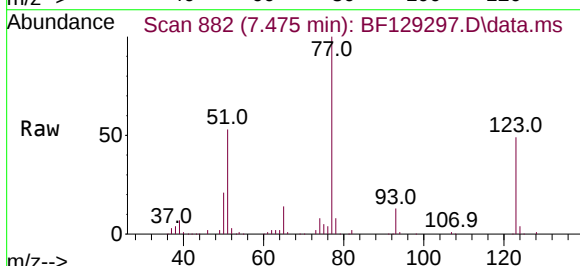
Tgt Ion: 77 Resp: 62041

Ion Ratio Lower Upper

77 100

123 49.1 35.4 53.2

65 14.3 11.8 17.8

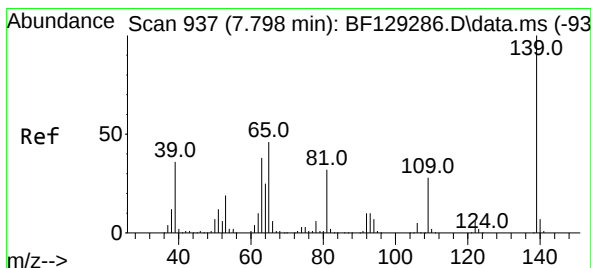
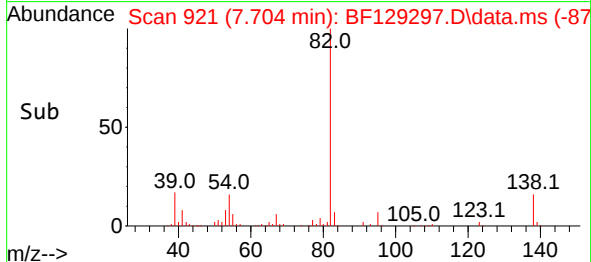
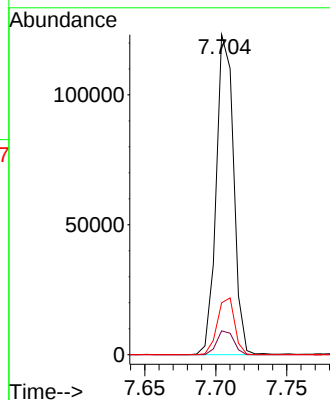
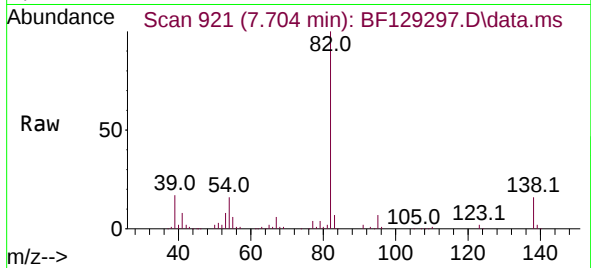




#25
Isophorone
Concen: 4.757 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

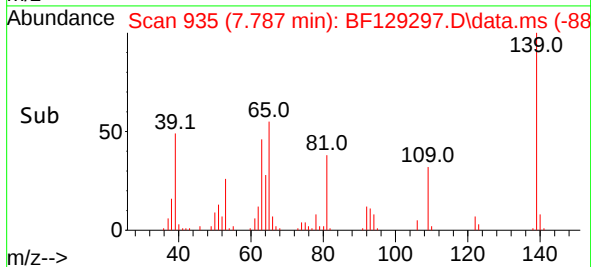
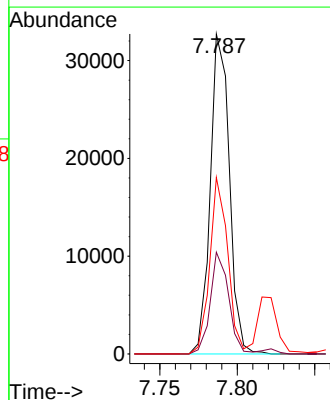
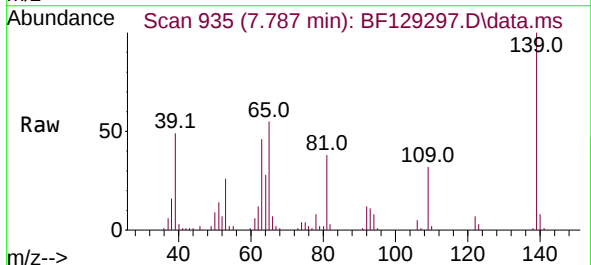
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

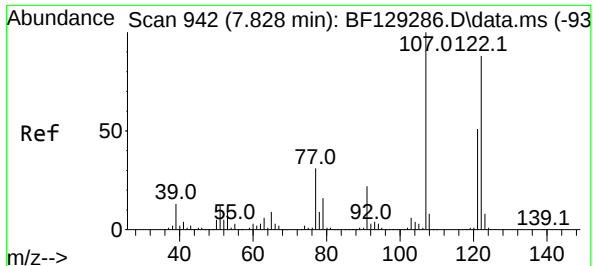
Tgt Ion: 82 Resp: 104871
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.2 14.2 21.2



#26
2-Nitrophenol
Concen: 4.484 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:139 Resp: 27981
Ion Ratio Lower Upper
139 100
109 31.8 25.0 37.4
65 55.1 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 5.010 ng

RT: 7.822 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

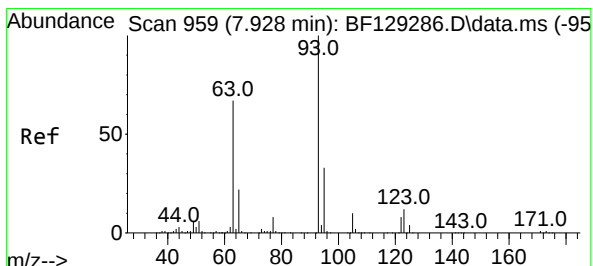
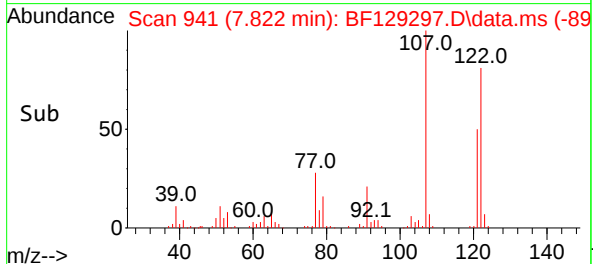
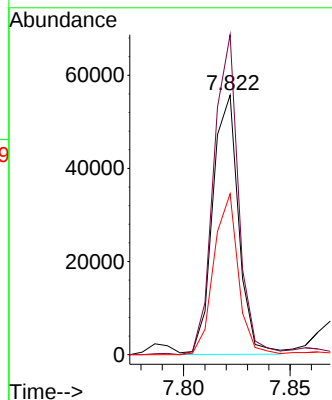
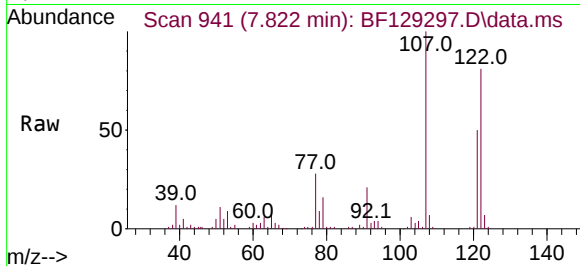
Tgt Ion:122 Resp: 47034

Ion Ratio Lower Upper

122 100

107 123.3 93.0 139.6

121 62.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 5.072 ng

RT: 7.916 min Scan# 957

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

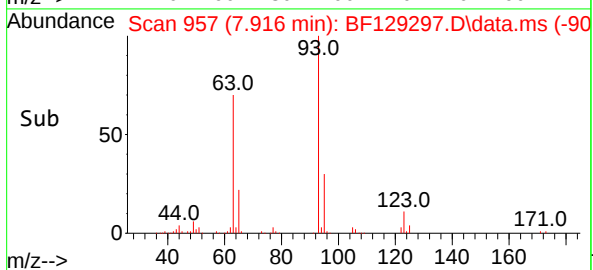
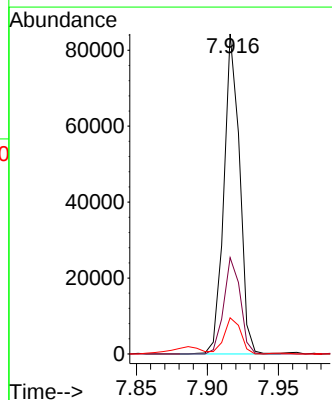
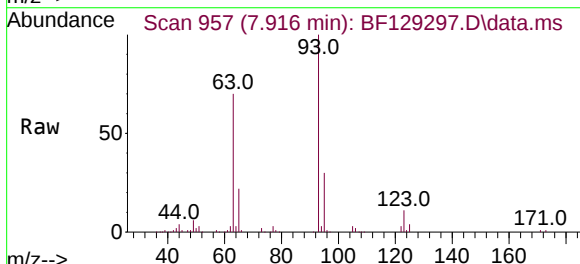
Tgt Ion: 93 Resp: 64784

Ion Ratio Lower Upper

93 100

95 30.1 26.8 40.2

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.409 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

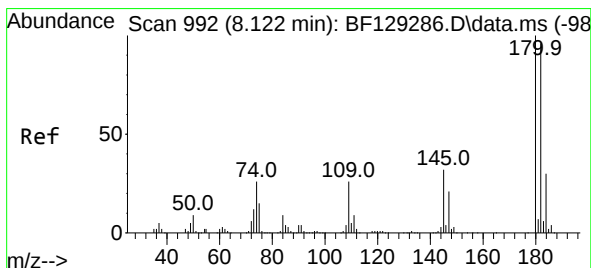
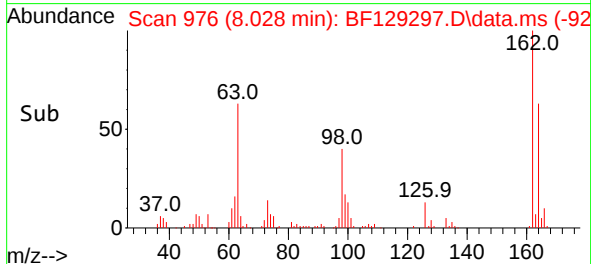
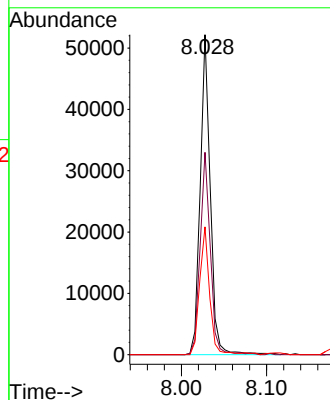
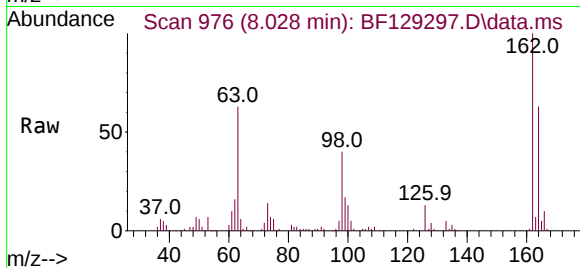
Tgt Ion:162 Resp: 43054

Ion Ratio Lower Upper

162 100

164 63.3 44.2 84.2

98 39.9 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 4.716 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

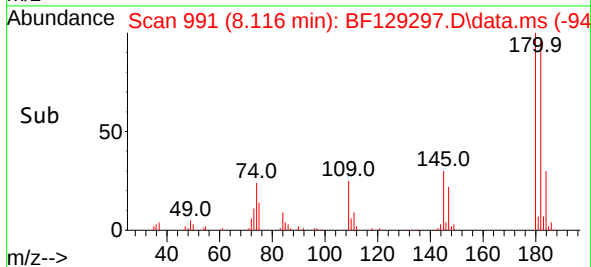
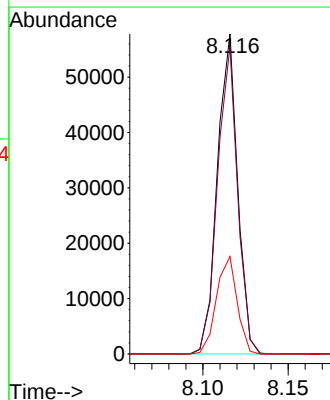
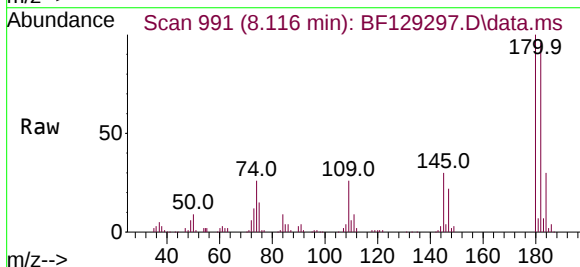
Tgt Ion:180 Resp: 47862

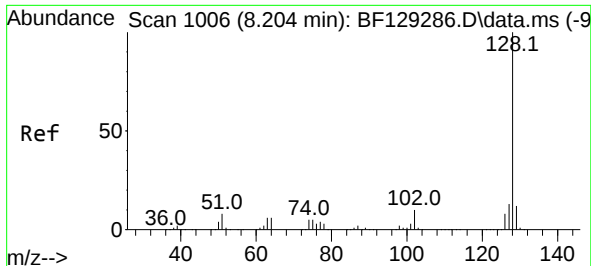
Ion Ratio Lower Upper

180 100

182 96.1 79.2 118.8

145 30.5 26.2 39.2

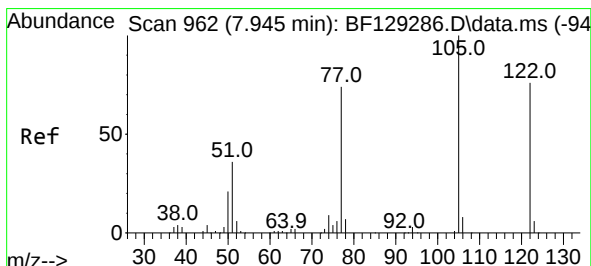
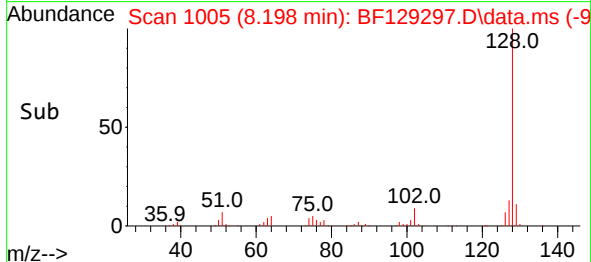
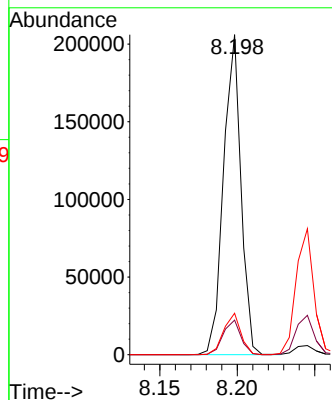
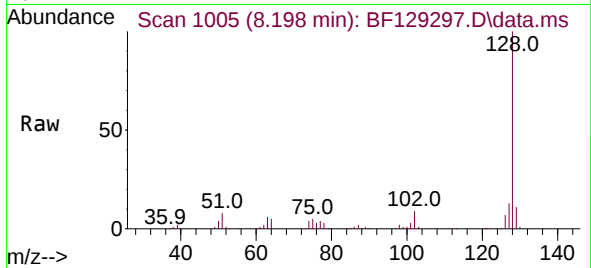




#31
Naphthalene
Concen: 4.653 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

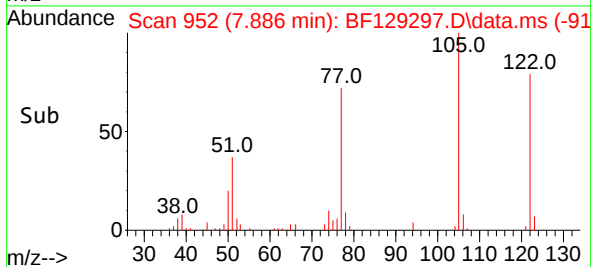
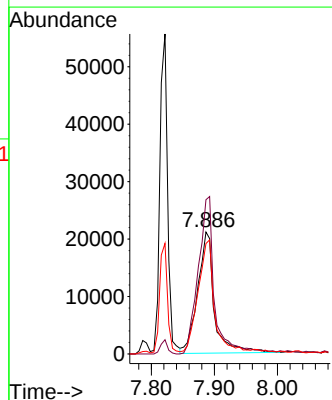
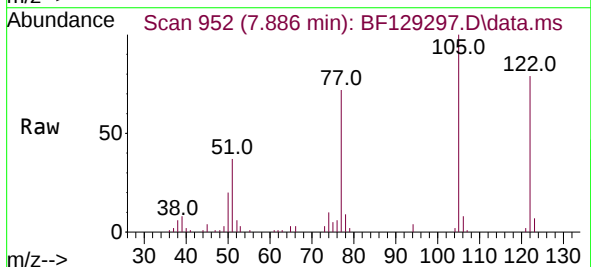
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

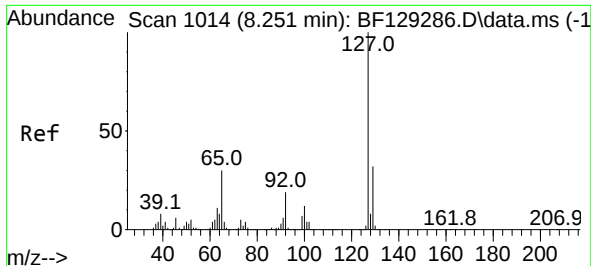
Tgt Ion:128 Resp: 161231
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 5.637 ng
RT: 7.886 min Scan# 952
Delta R.T. -0.059 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:122 Resp: 38679
Ion Ratio Lower Upper
122 100
105 126.5 107.1 147.1
77 90.6 74.2 114.2

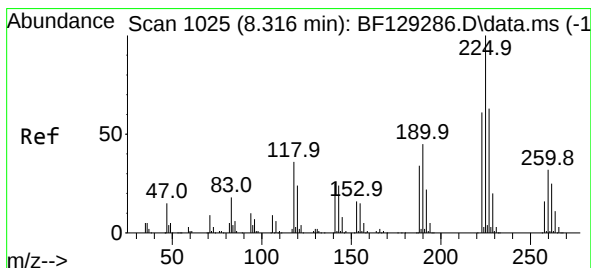
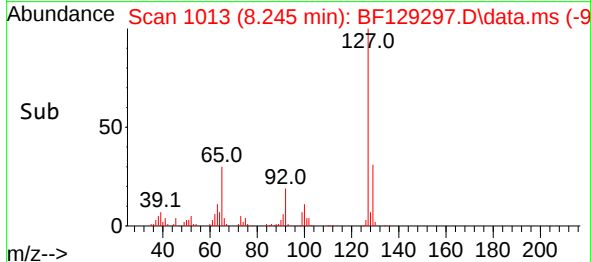
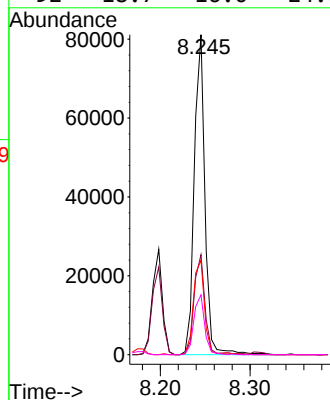
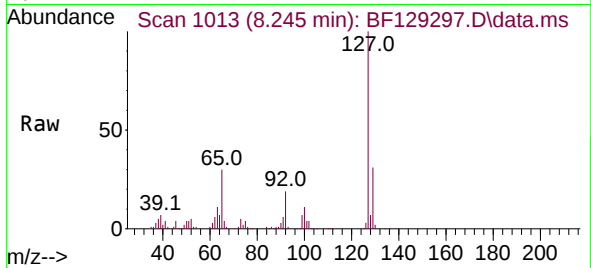




#33
4-Chloroaniline
Concen: 4.753 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

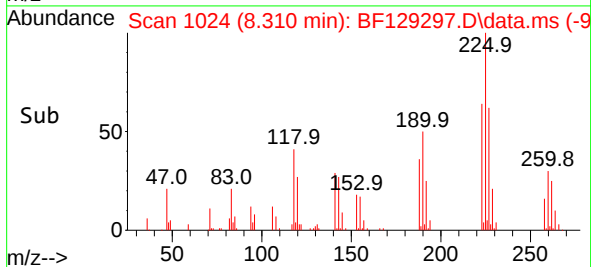
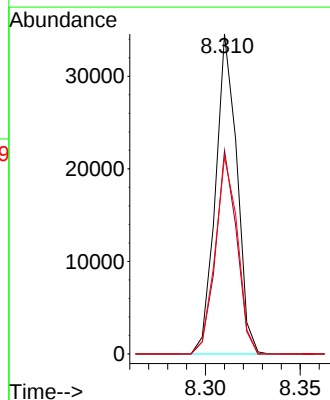
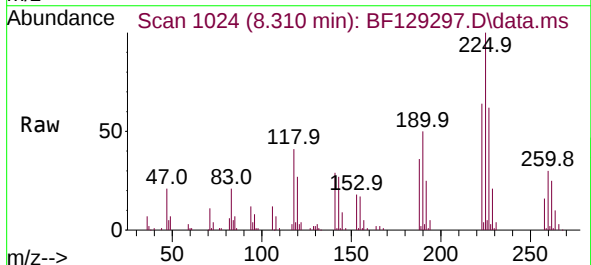
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

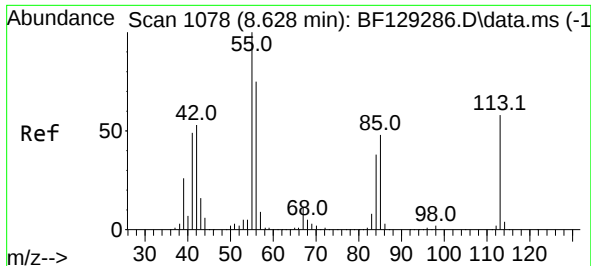
Tgt Ion:127	Resp: 67166
Ion Ratio	Lower Upper
127 100	
129 31.3	26.4 39.6
65 29.5	26.4 39.6
92 18.7	16.0 24.0



#34
Hexachlorobutadiene
Concen: 4.691 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:225	Resp: 27211
Ion Ratio	Lower Upper
225 100	
223 63.6	51.0 76.6
227 61.6	51.1 76.7

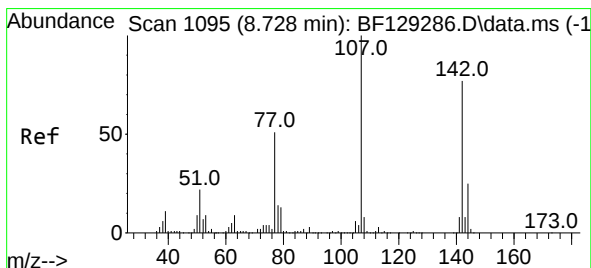
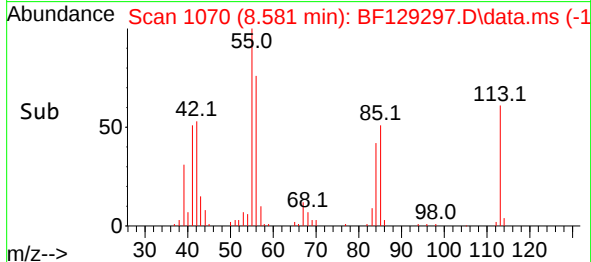
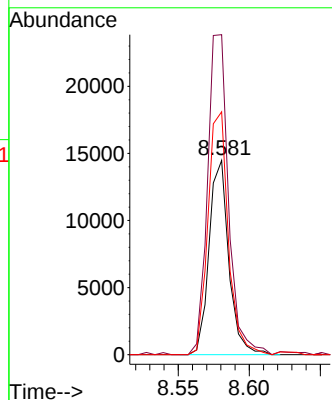
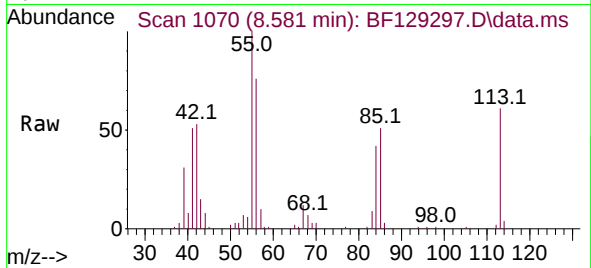




#35
 Caprolactam
 Concen: 4.486 ng
 RT: 8.581 min Scan# 1078
 Delta R.T. -0.047 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25

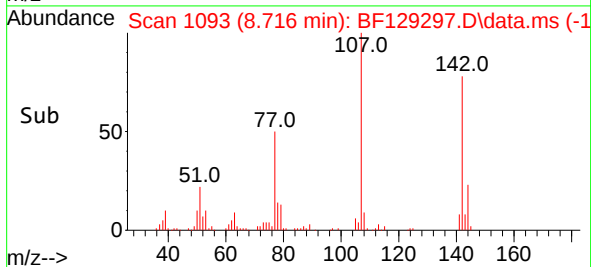
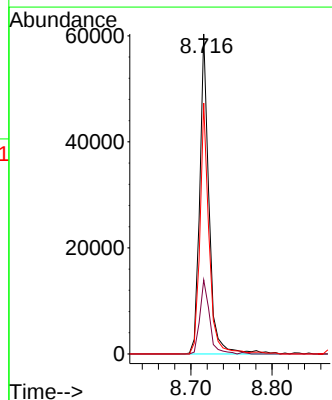
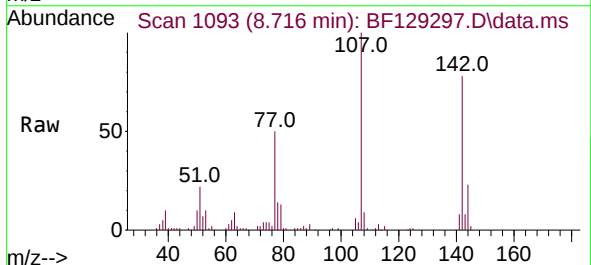
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

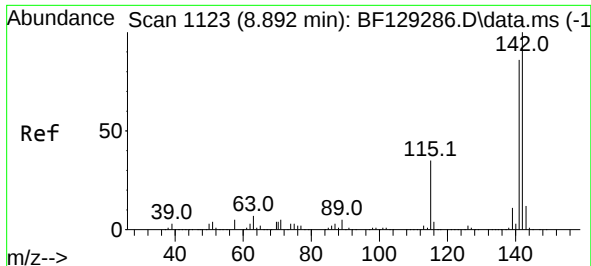
Tgt Ion:113 Resp: 13973
 Ion Ratio Lower Upper
 113 100
 55 164.7 188.5 228.5#
 56 125.0 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 4.656 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25

Tgt Ion:107 Resp: 48300
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.5 29.3
 142 78.4 58.2 87.4

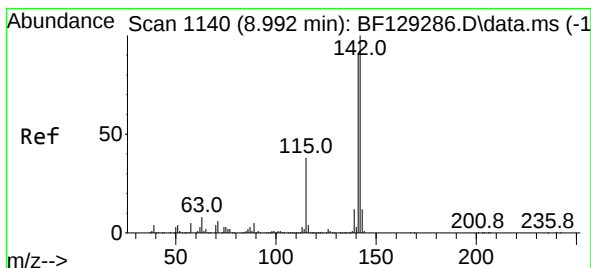
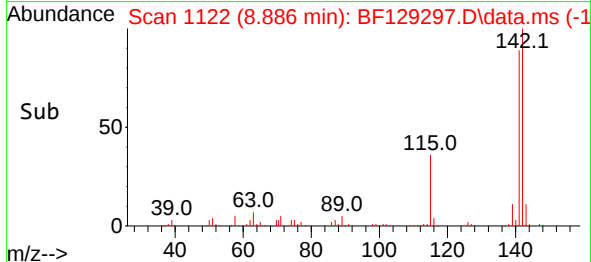
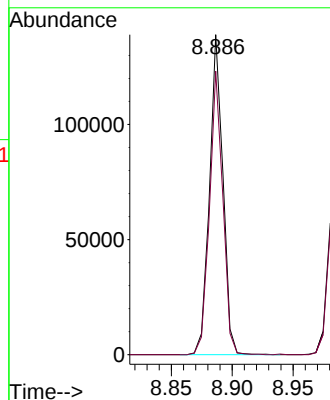
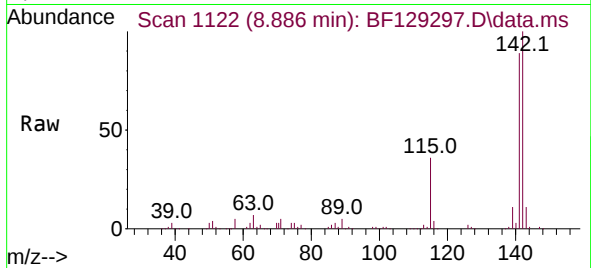




#37
2-Methylnaphthalene
Concen: 4.740 ng
RT: 8.886 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

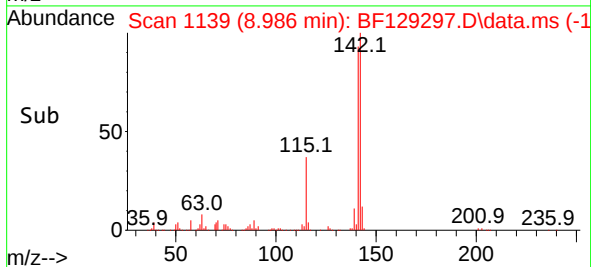
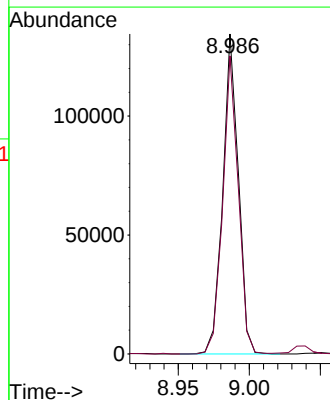
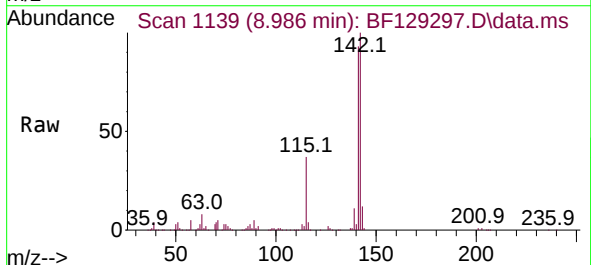
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

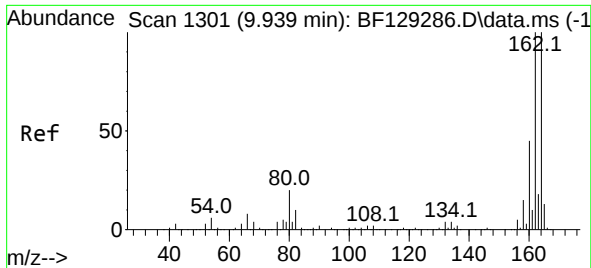
Tgt Ion:142 Resp: 106419
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 4.707 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

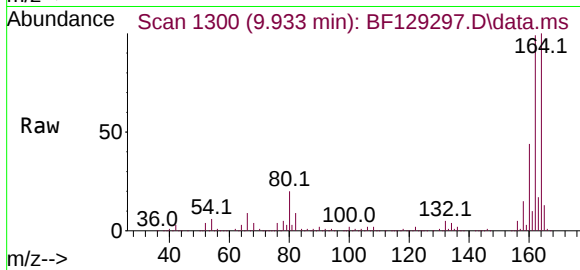
Tgt Ion:142 Resp: 102241
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



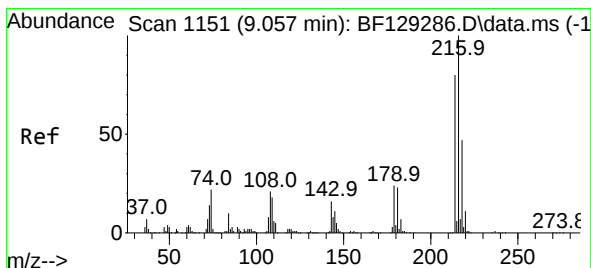
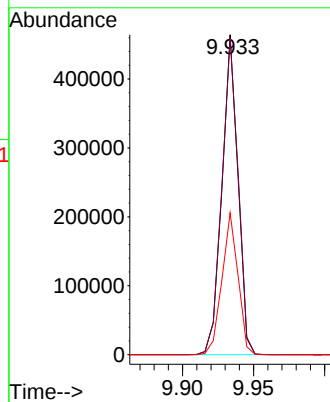
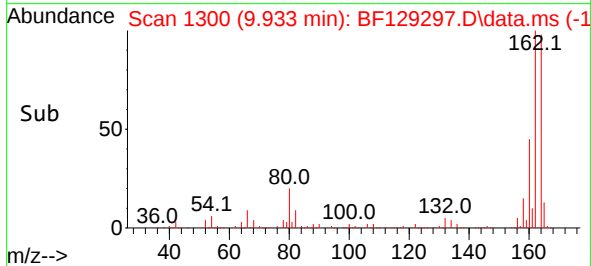


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

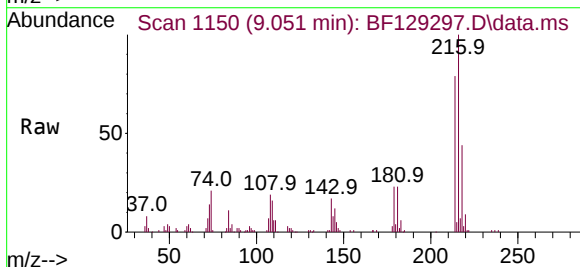
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022



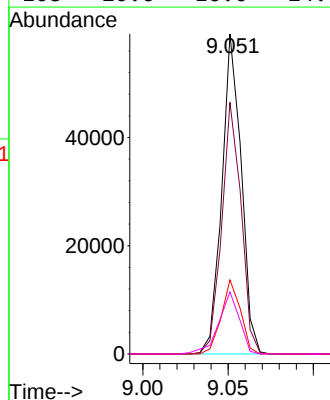
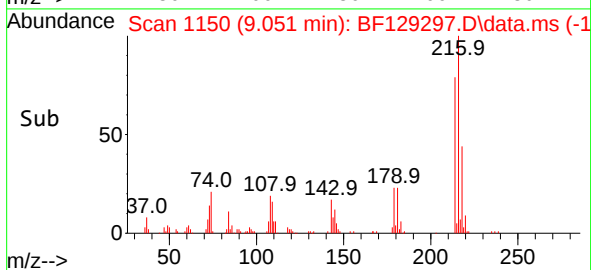
Tgt Ion:164 Resp: 360768
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 44.3 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.939 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25



Tgt Ion:216 Resp: 46782
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 22.8 17.0 25.6
108 20.6 16.0 24.0

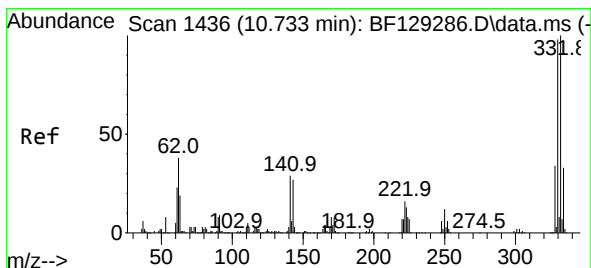
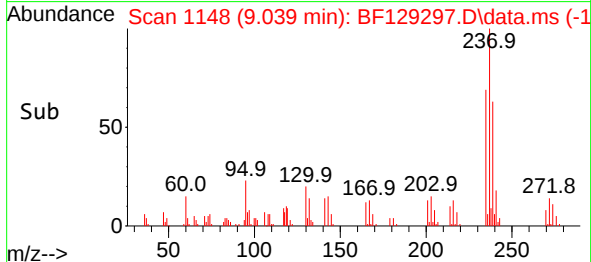
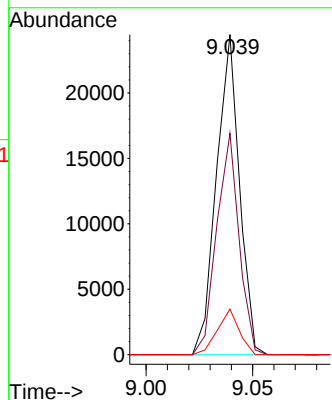
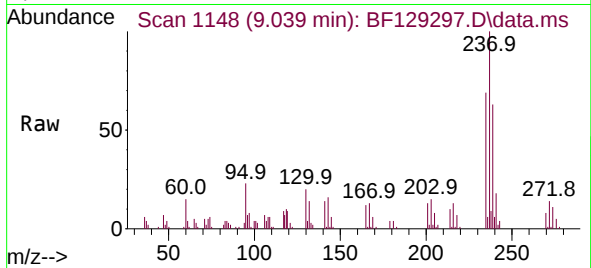




#41
Hexachlorocyclopentadiene
Concen: 4.403 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

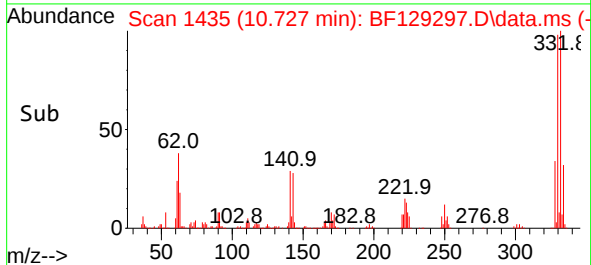
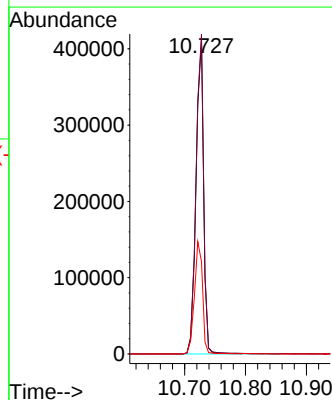
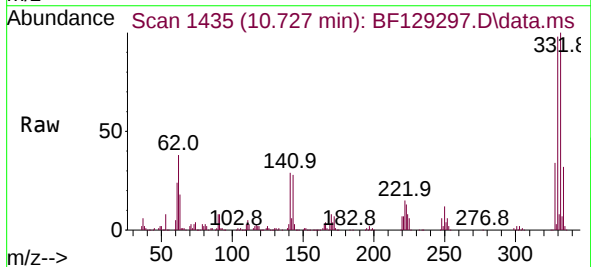
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

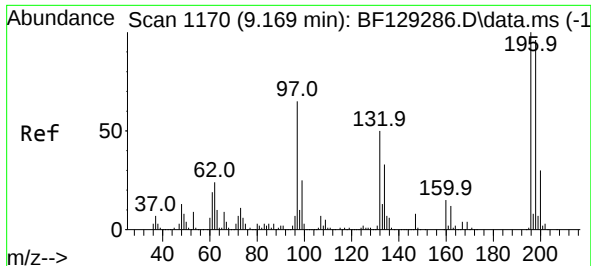
Tgt Ion:237 Resp: 18380
Ion Ratio Lower Upper
237 100
235 69.2 43.2 83.2
272 14.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 102.468 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:330 Resp: 356656
Ion Ratio Lower Upper
330 100
332 102.0 76.8 115.2
141 37.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 4.507 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

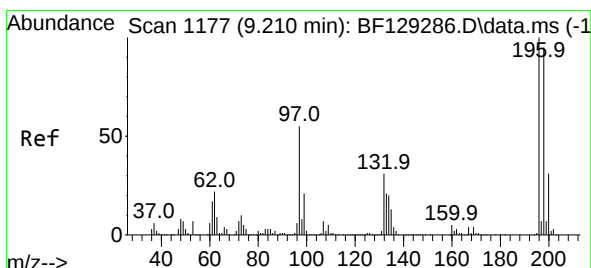
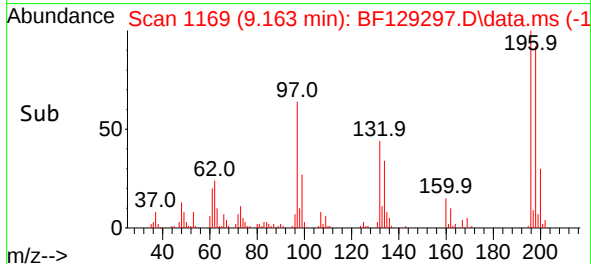
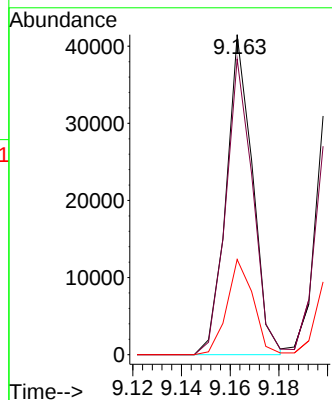
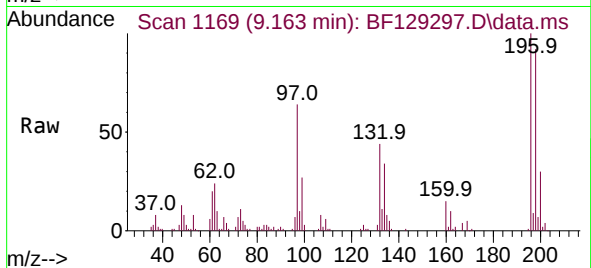
Tgt Ion:196 Resp: 31193

Ion Ratio Lower Upper

196 100

198 92.4 74.0 111.0

200 29.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 4.337 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Tgt Ion:196 Resp: 32567

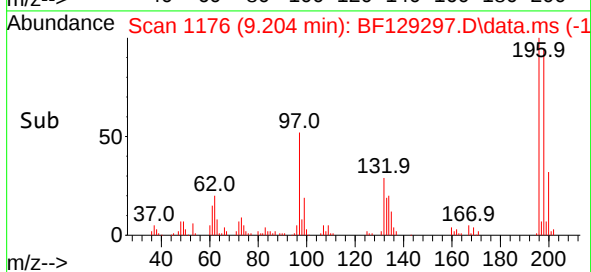
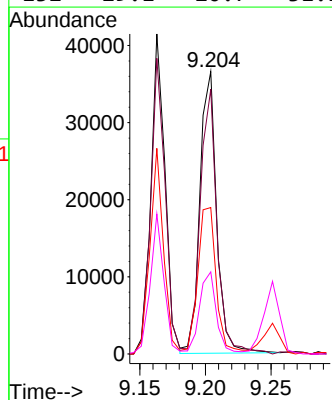
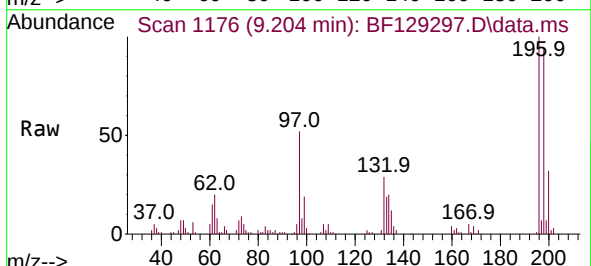
Ion Ratio Lower Upper

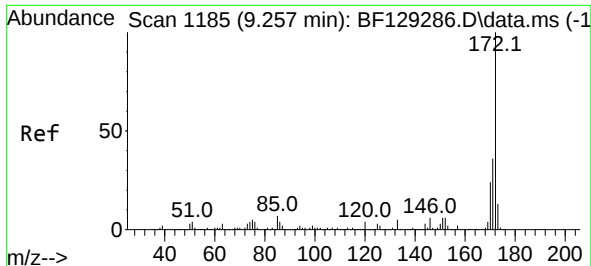
196 100

198 93.7 75.7 113.5

97 51.8 36.4 54.6

132 29.1 20.7 31.1

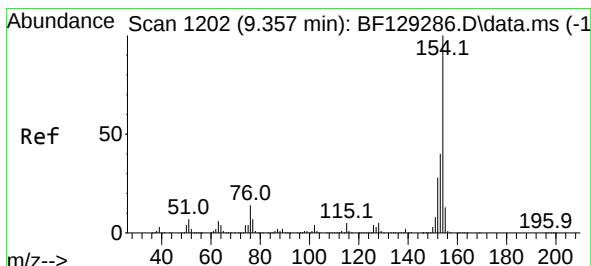
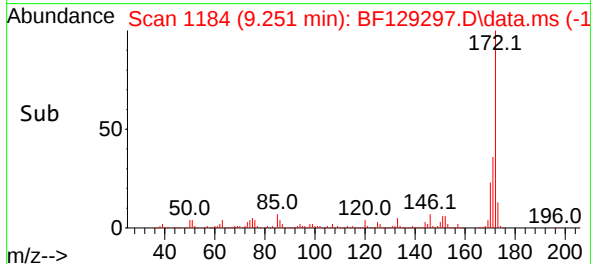
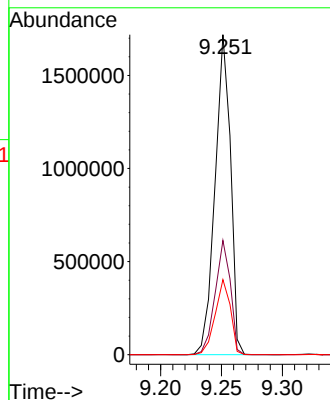
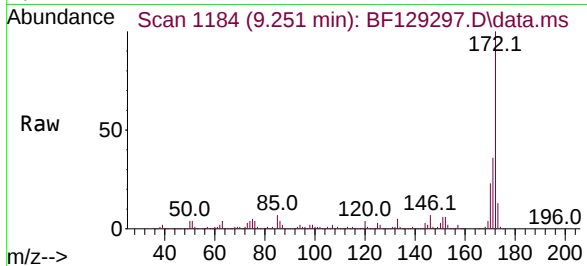




#45
2-Fluorobiphenyl
Concen: 64.999 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

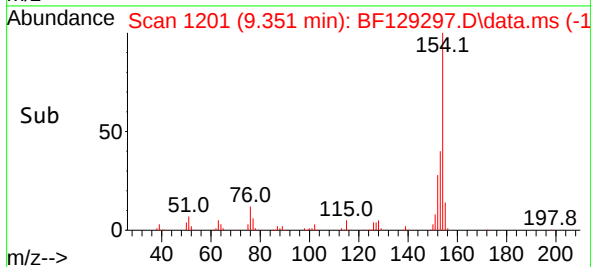
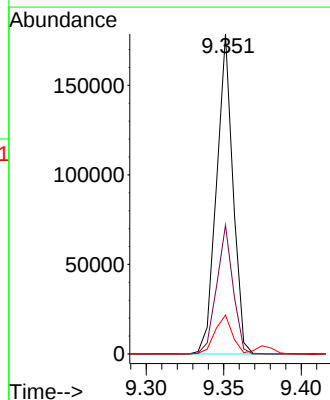
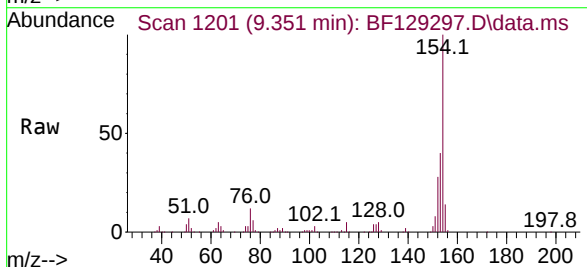
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

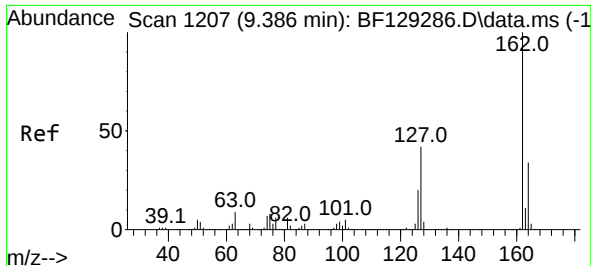
Tgt Ion:172 Resp: 1524322
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.8 29.8



#46
1,1'-Biphenyl
Concen: 4.925 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:154 Resp: 131283
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 12.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.713 ng

RT: 9.381 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

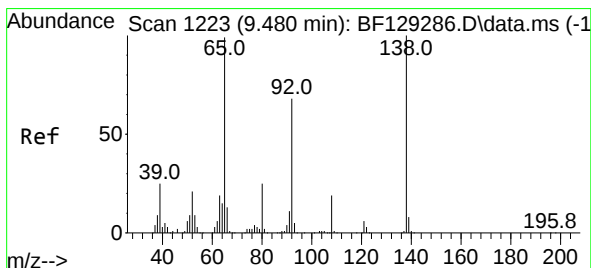
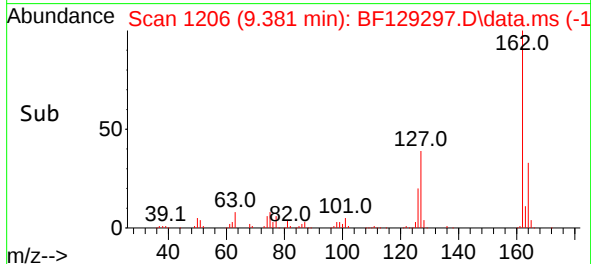
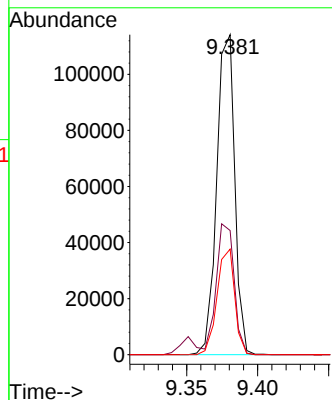
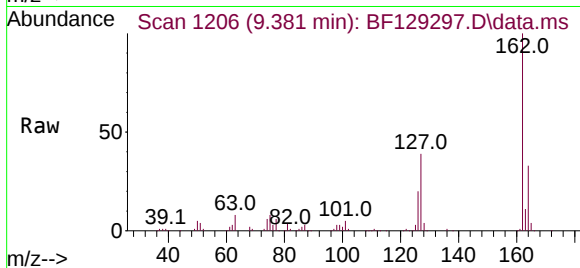
Tgt Ion:162 Resp: 100640

Ion Ratio Lower Upper

162 100

127 38.8 34.5 51.7

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 4.392 ng

RT: 9.469 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

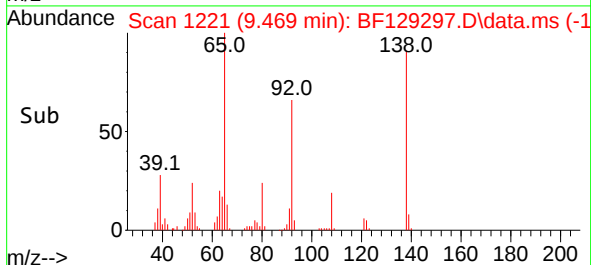
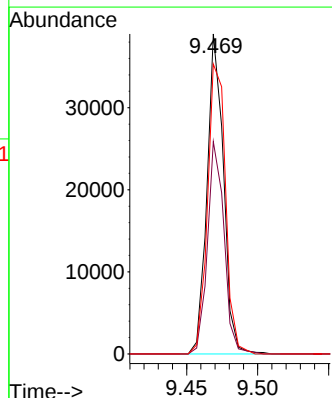
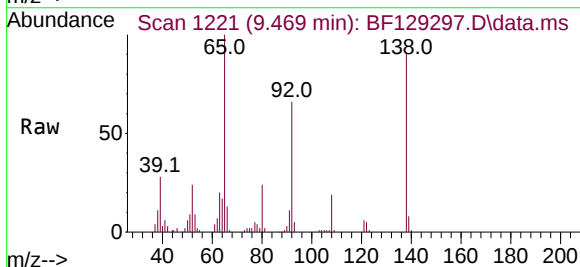
Tgt Ion: 65 Resp: 31498

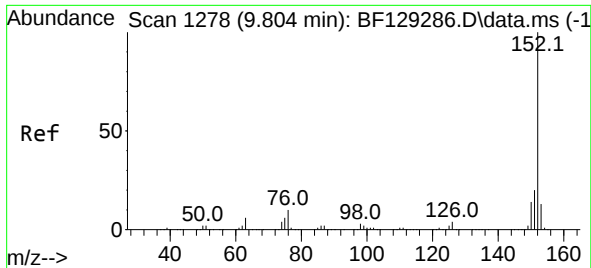
Ion Ratio Lower Upper

65 100

92 66.4 51.9 77.9

138 90.6 76.4 114.6

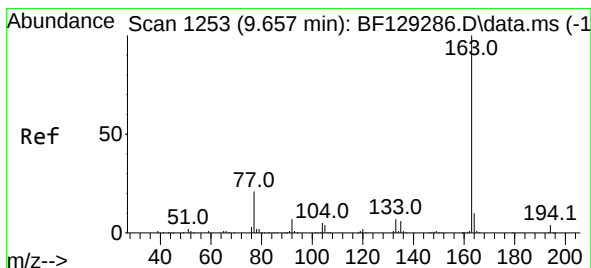
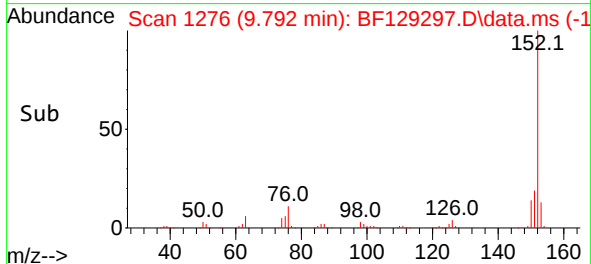
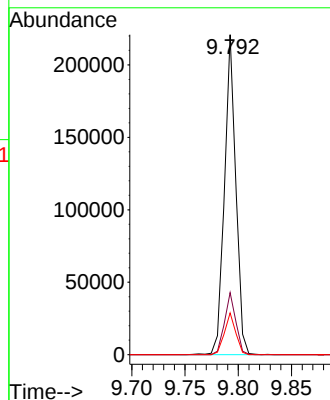
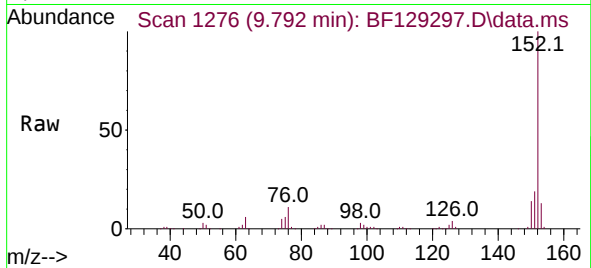




#49
Acenaphthylene
Concen: 4.975 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

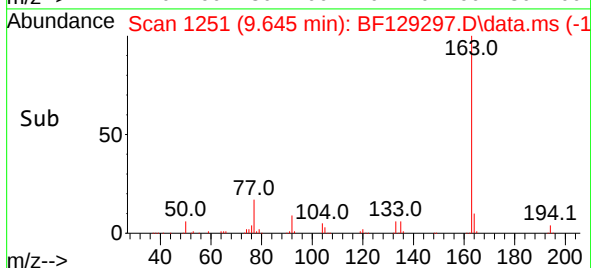
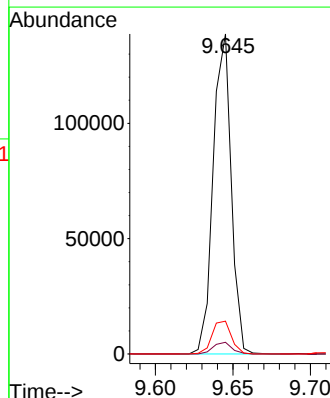
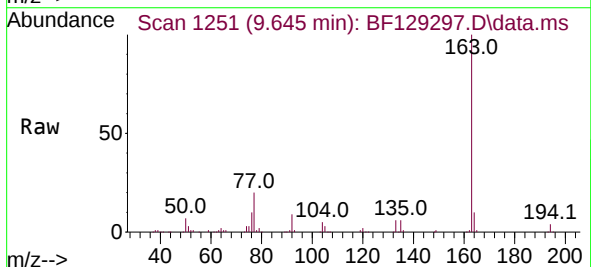
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

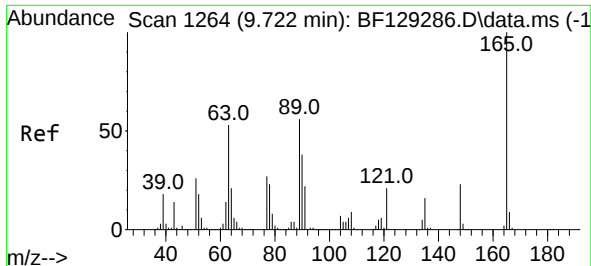
Tgt Ion:152 Resp: 163133
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 4.535 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:163 Resp: 112394
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.2 12.2

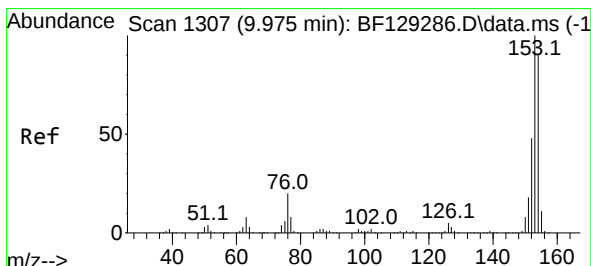
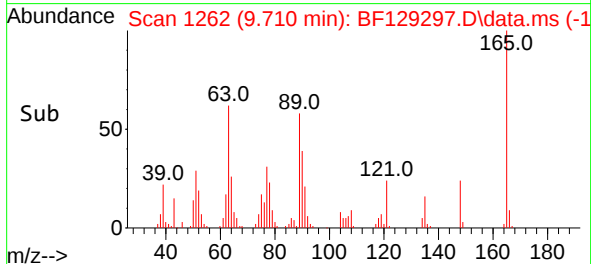
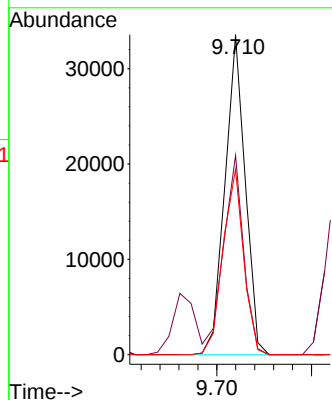
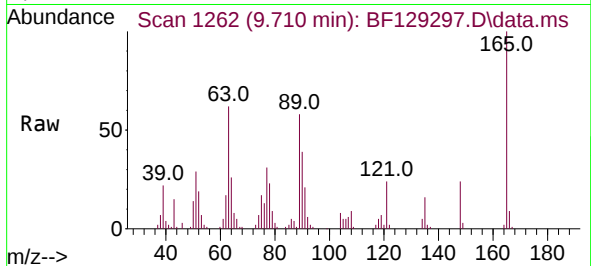




#51
2,6-Dinitrotoluene
Concen: 4.502 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

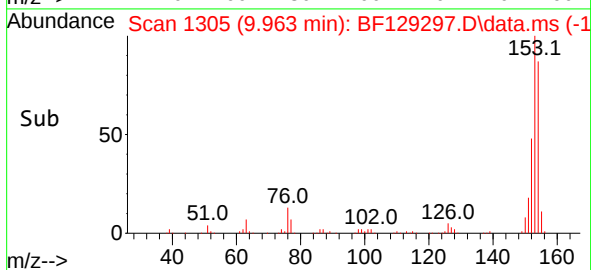
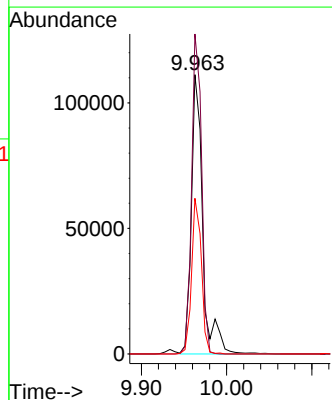
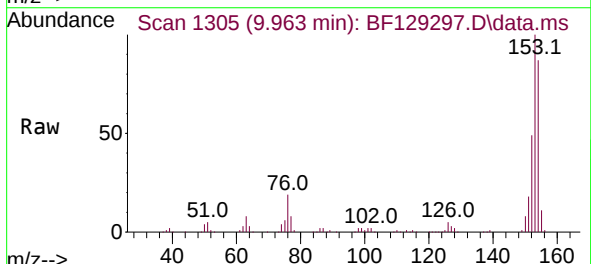
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

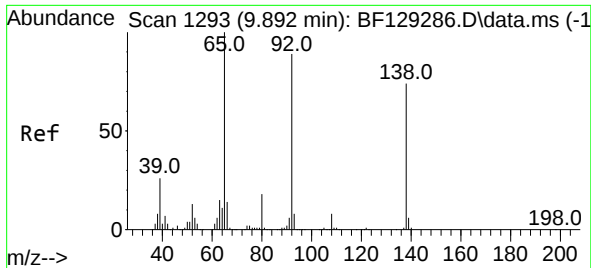
Tgt Ion:165 Resp: 24984
Ion Ratio Lower Upper
165 100
63 62.3 44.9 67.3
89 57.9 43.6 65.4



#52
Acenaphthene
Concen: 4.813 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:154 Resp: 102423
Ion Ratio Lower Upper
154 100
153 114.5 89.6 134.4
152 55.7 42.4 63.6

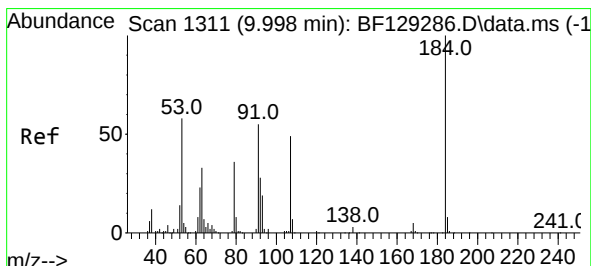
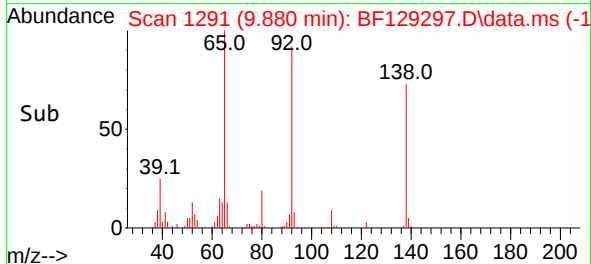
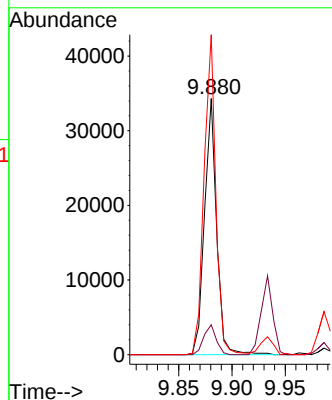
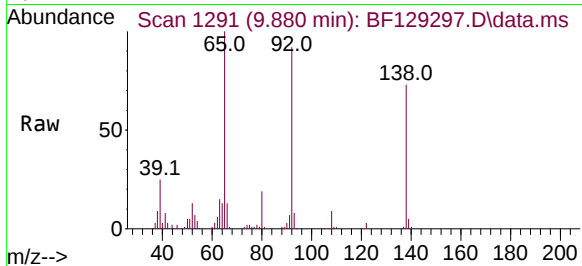




#53
3-Nitroaniline
Concen: 4.128 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

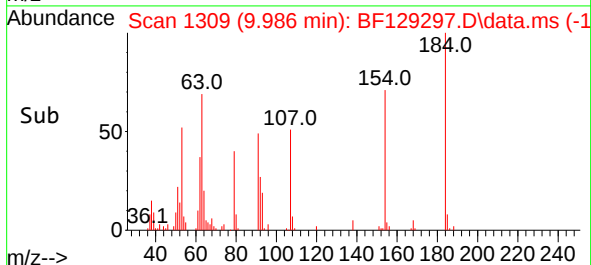
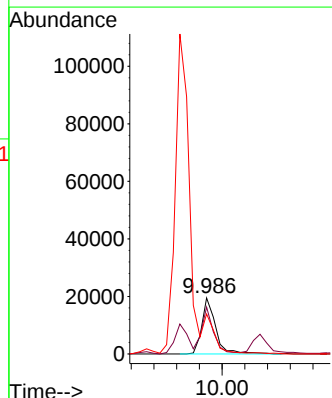
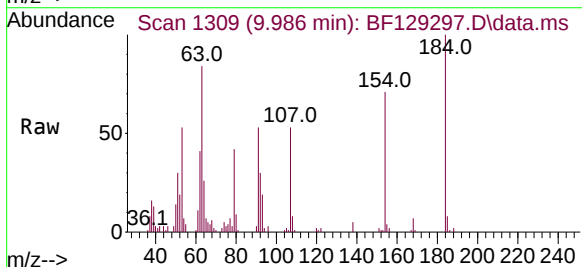
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

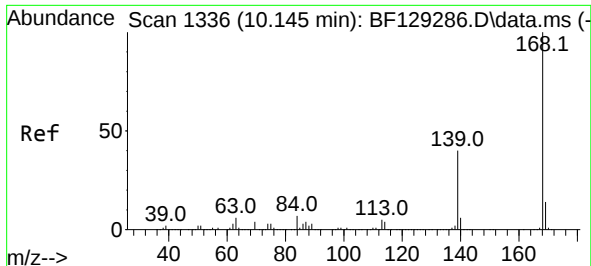
Tgt Ion:138 Resp: 27262
Ion Ratio Lower Upper
138 100
108 11.7 10.9 16.3
92 125.0 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 5.858 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:184 Resp: 16451
Ion Ratio Lower Upper
184 100
63 83.6 64.5 96.7
154 71.3 50.6 75.8

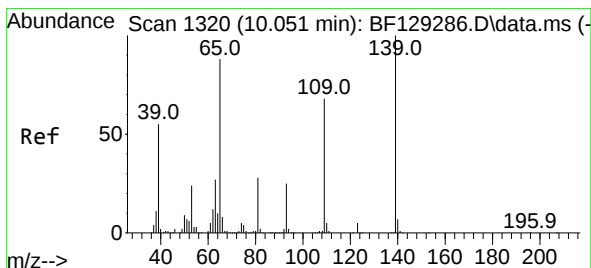
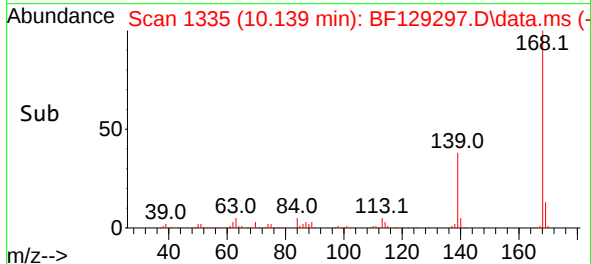
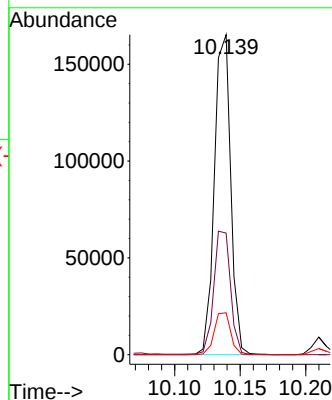
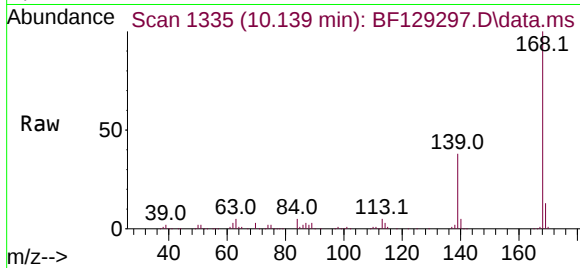




#55
Dibenzofuran
Concen: 4.839 ng
RT: 10.139 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

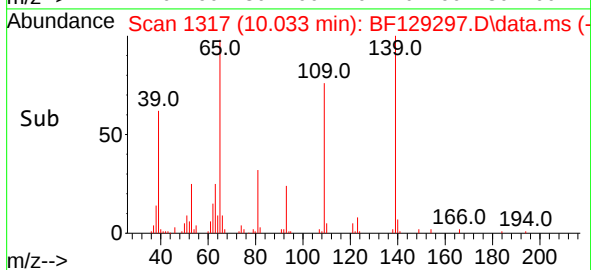
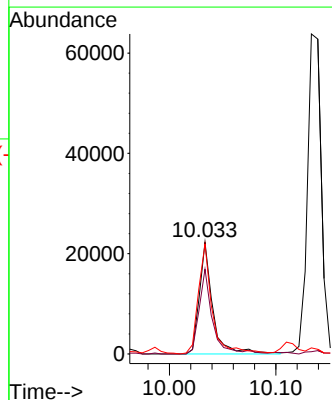
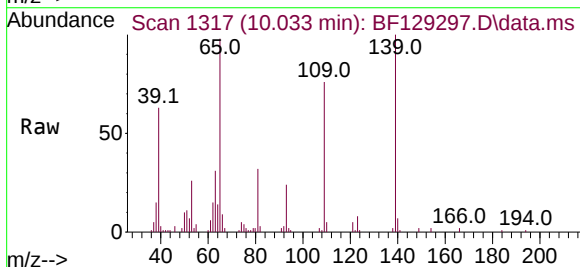
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

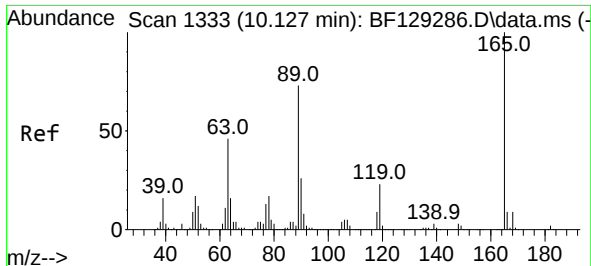
Tgt Ion:168 Resp: 143104
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0
169 13.1 11.0 16.6



#56
4-Nitrophenol
Concen: 4.052 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:139 Resp: 19542
Ion Ratio Lower Upper
139 100
109 75.9 50.7 90.7
65 98.4 74.5 114.5

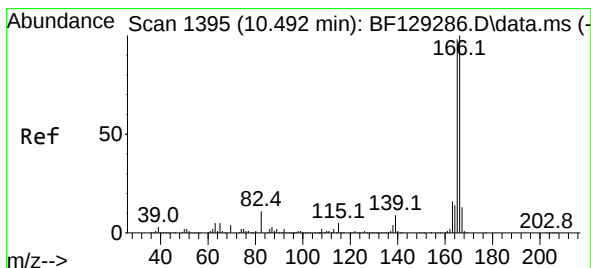
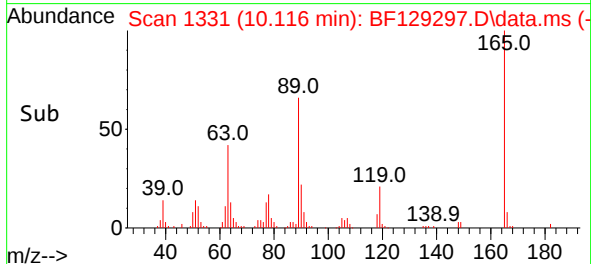
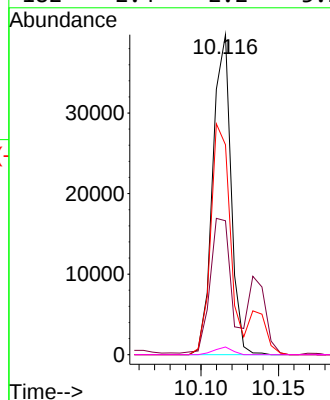
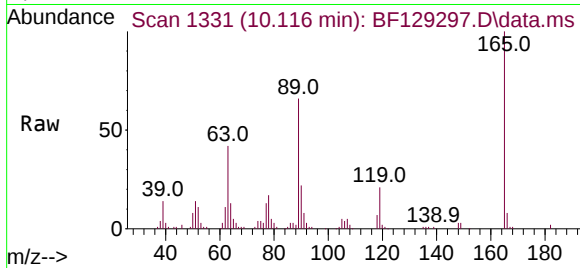




#57
2,4-Dinitrotoluene
Concen: 4.475 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

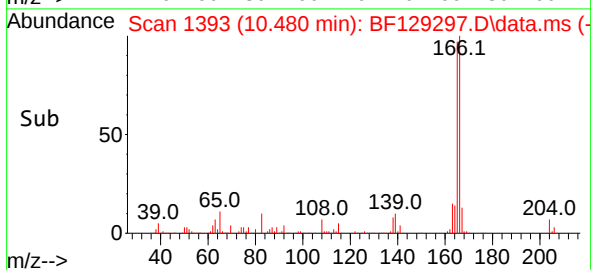
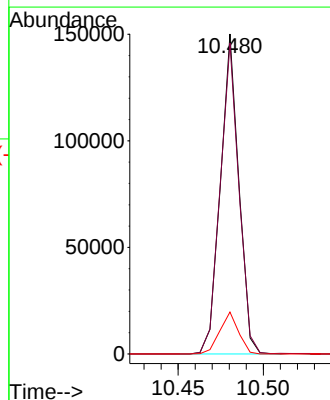
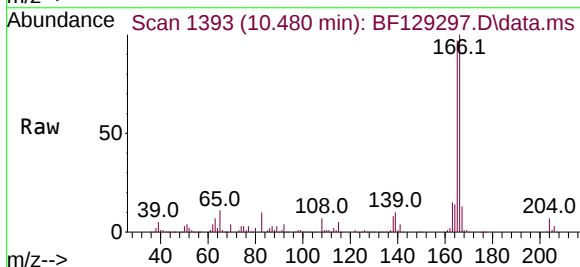
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

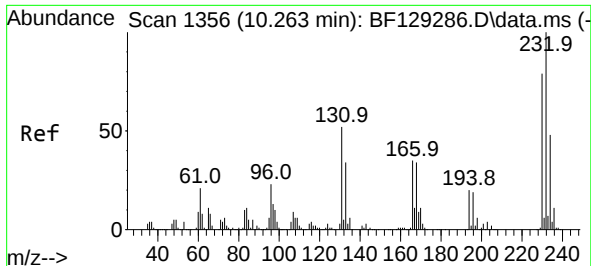
Tgt Ion:165 Resp: 32561
Ion Ratio Lower Upper
165 100
63 41.8 39.8 59.6
89 65.6 60.2 90.2
182 2.4 2.2 3.2



#58
Fluorene
Concen: 4.778 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

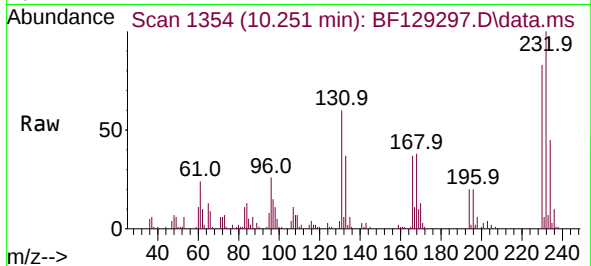
Tgt Ion:166 Resp: 112774
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.1 10.5 15.7



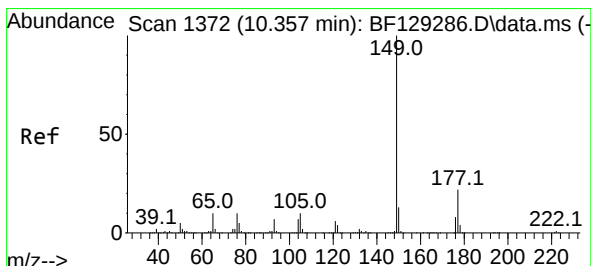
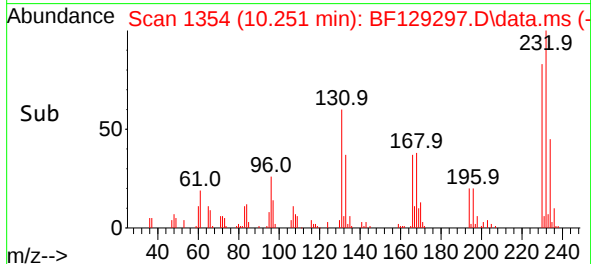
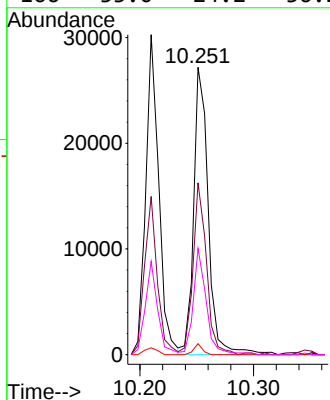


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.206 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

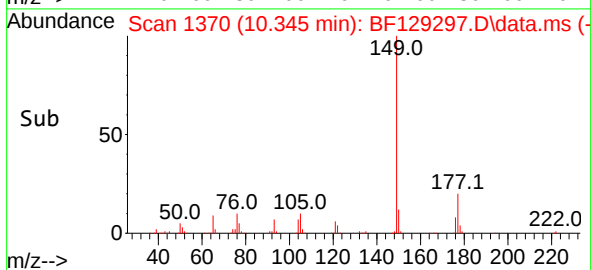
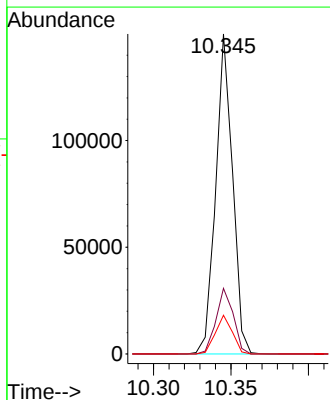
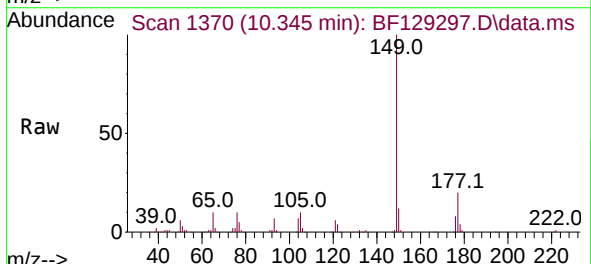


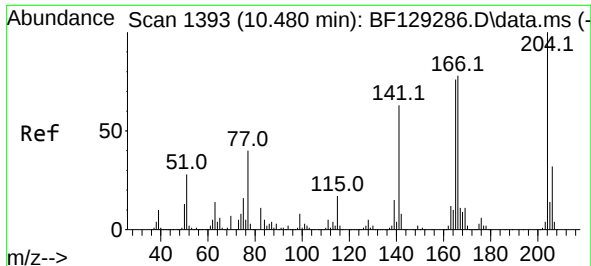
Tgt Ion:232 Resp: 24345
Ion Ratio Lower Upper
232 100
131 53.8 36.1 54.1
130 2.3 1.8 2.8
166 33.0 24.2 36.2



#60
Diethylphthalate
Concen: 4.737 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:149 Resp: 112972
Ion Ratio Lower Upper
149 100
177 20.5 17.3 25.9
150 12.1 10.2 15.2

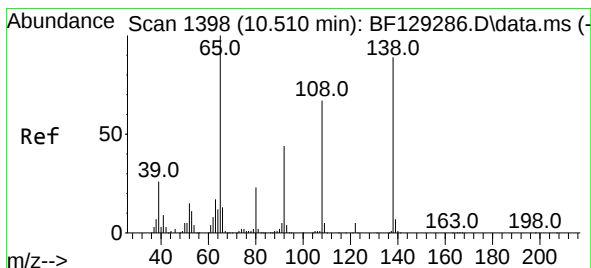
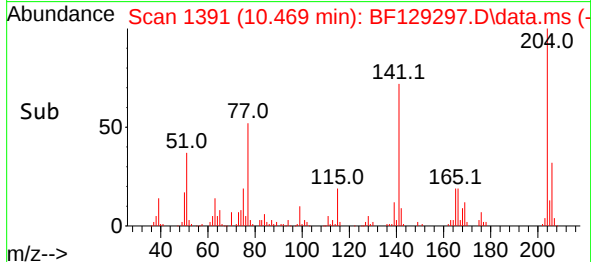
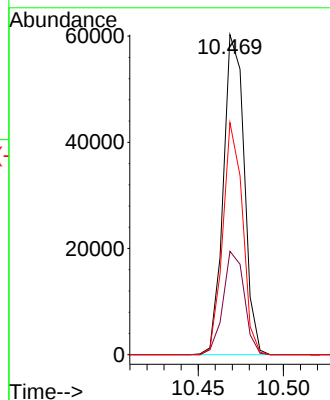
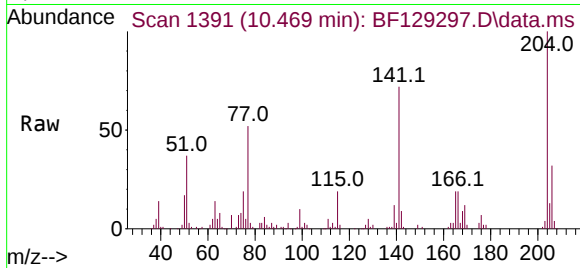




#61
4-Chlorophenyl-phenylether
Concen: 4.975 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

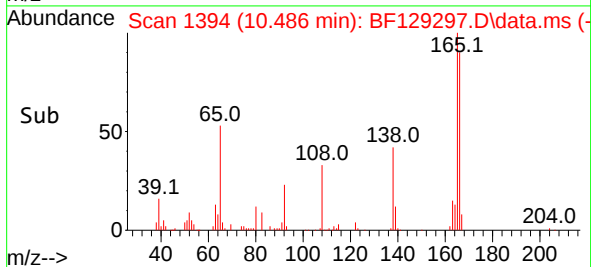
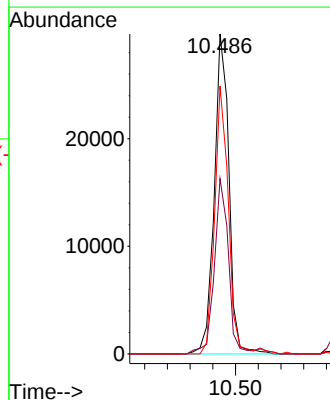
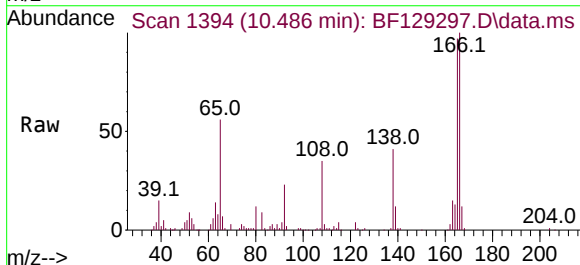
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

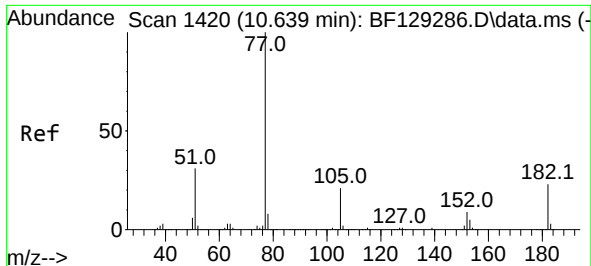
Tgt Ion:204 Resp: 51371
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 72.5 47.0 70.4#



#62
4-Nitroaniline
Concen: 4.080 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.023 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:138 Resp: 26613
Ion Ratio Lower Upper
138 100
92 54.8 33.5 73.5
108 83.7 61.0 101.0

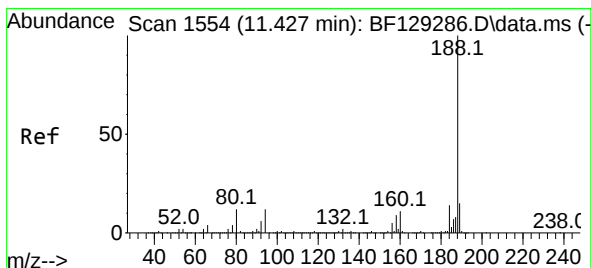
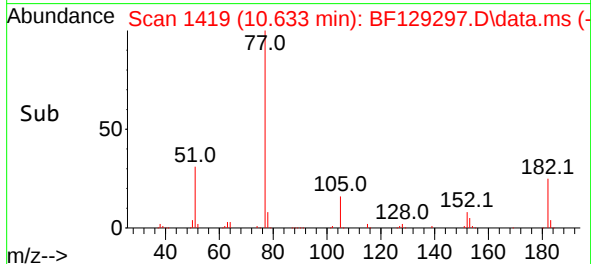
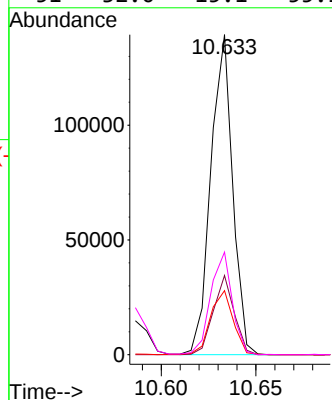
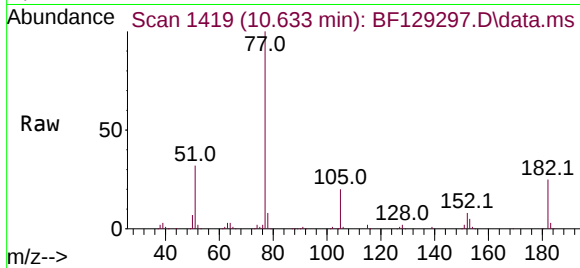




#63
Azobenzene
Concen: 4.530 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

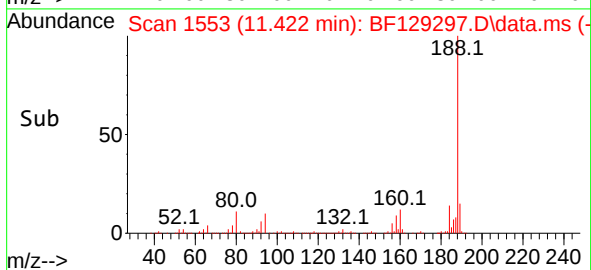
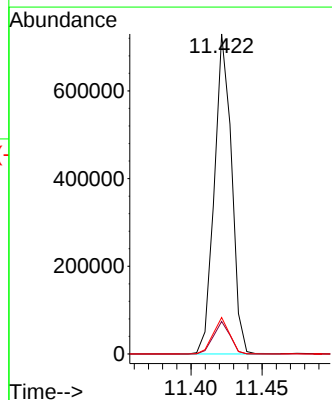
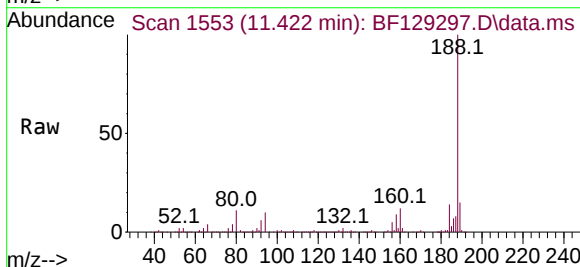
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

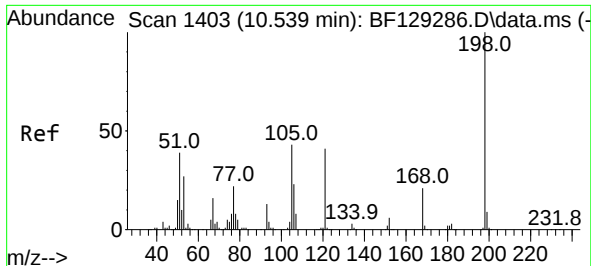
Tgt Ion: 77	Resp: 111771
Ion Ratio	Lower Upper
77 100	
182 24.8	5.6 45.6
105 20.0	1.6 41.6
51 32.0	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:188	Resp: 616460
Ion Ratio	Lower Upper
188 100	
94 10.2	7.0 10.6
80 11.4	7.6 11.4

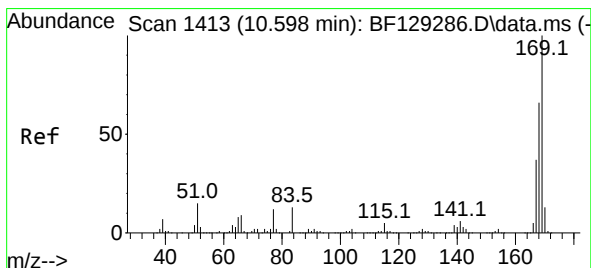
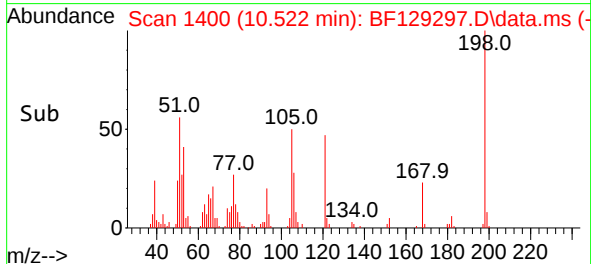
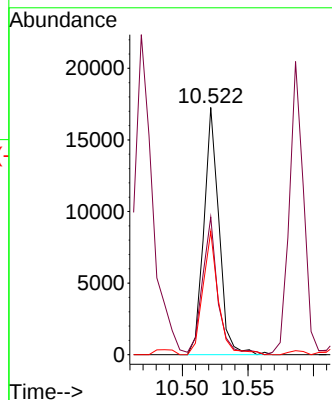
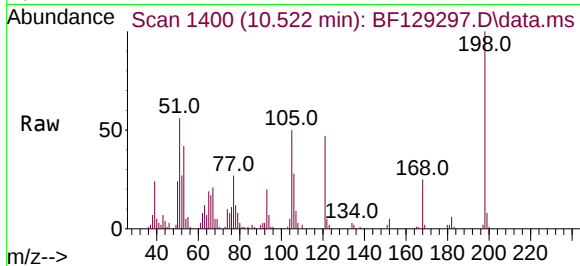




#65
4,6-Dinitro-2-methylphenol
Concen: 3.669 ng
RT: 10.522 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

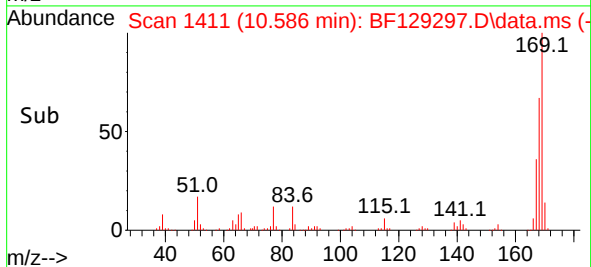
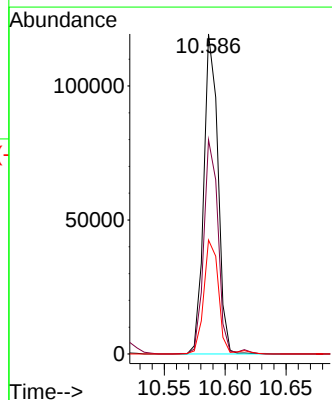
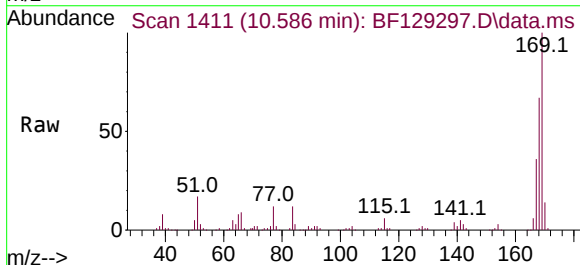
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

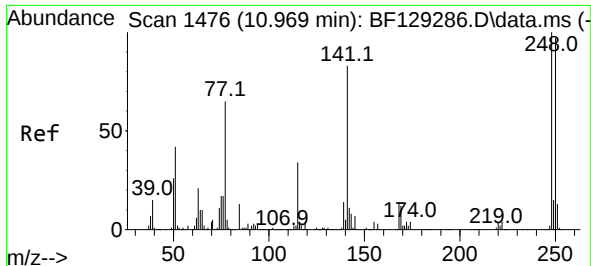
Tgt Ion:198 Resp: 13911
Ion Ratio Lower Upper
198 100
51 55.7 37.6 77.6
105 49.9 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 4.730 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:169 Resp: 96397
Ion Ratio Lower Upper
169 100
168 67.0 50.1 75.1
167 35.6 27.9 41.9

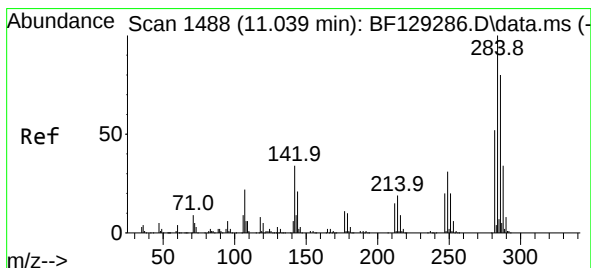
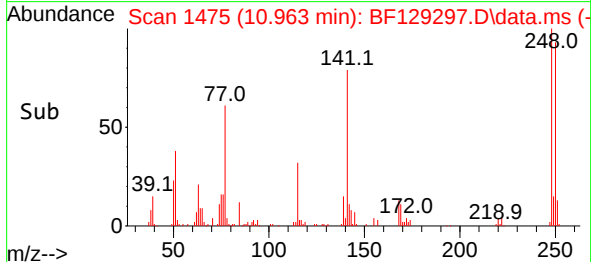
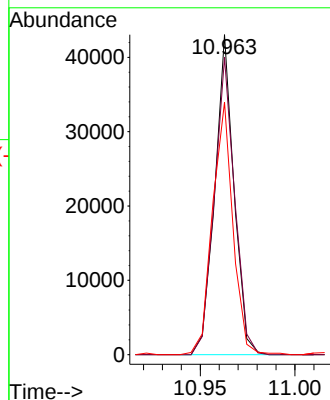
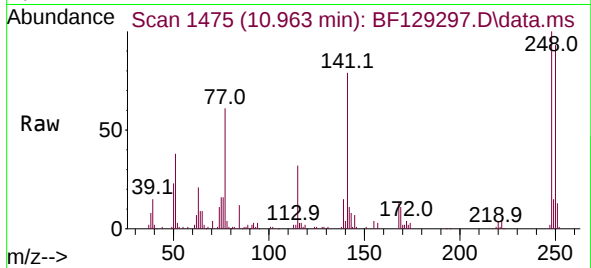




#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

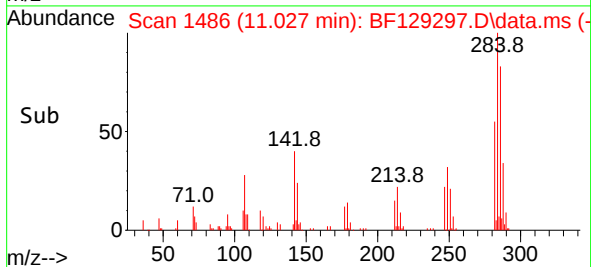
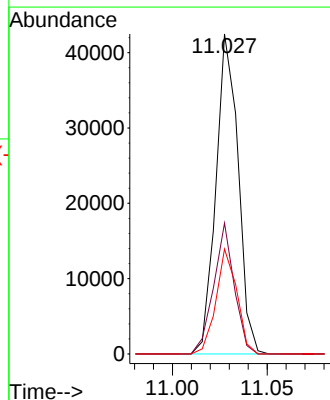
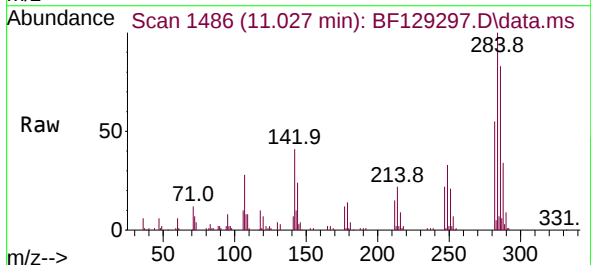
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

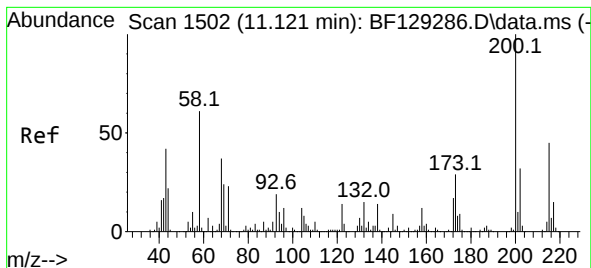
Tgt Ion:248 Resp: 30339
Ion Ratio Lower Upper
248 100
250 92.9 80.6 120.8
141 78.9 58.9 88.3



#68
Hexachlorobenzene
Concen: 4.763 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:284 Resp: 34700
Ion Ratio Lower Upper
284 100
142 40.9 29.0 43.4
249 32.8 25.0 37.6





#69

Atrazine

Concen: 4.862 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

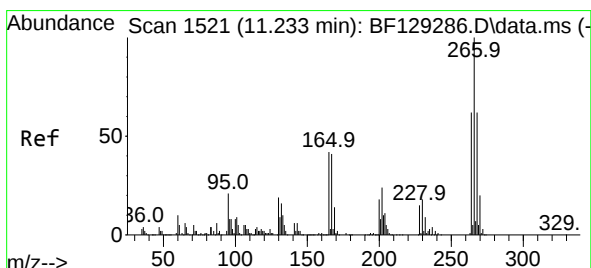
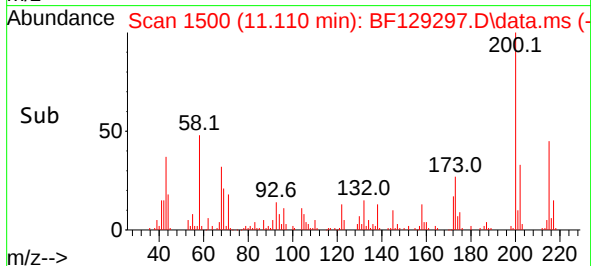
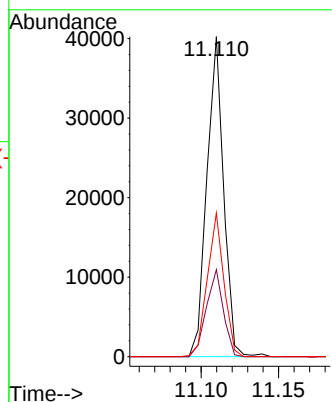
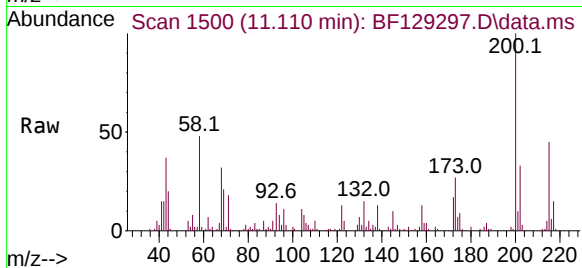
Tgt Ion:200 Resp: 30287

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

215 44.9 28.3 68.3



#70

Pentachlorophenol

Concen: 3.574 ng

RT: 11.222 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

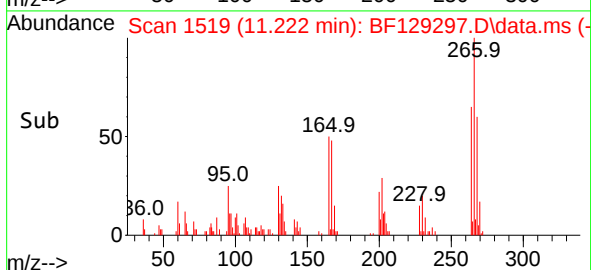
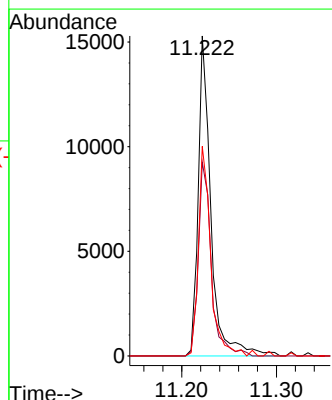
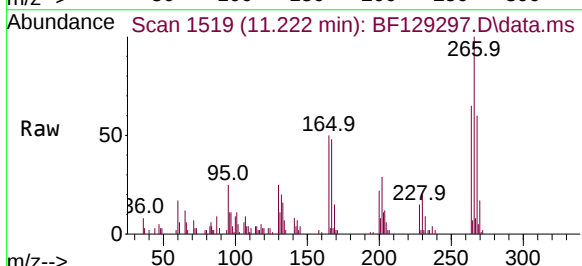
Tgt Ion:266 Resp: 14314

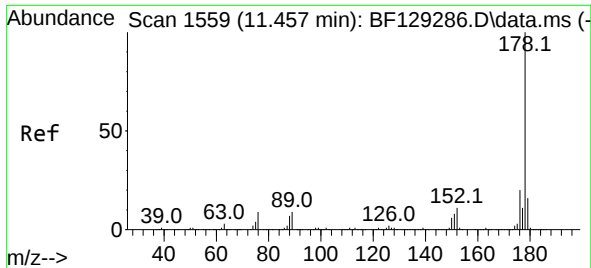
Ion Ratio Lower Upper

266 100

268 60.5 51.0 76.4

264 65.5 49.4 74.2

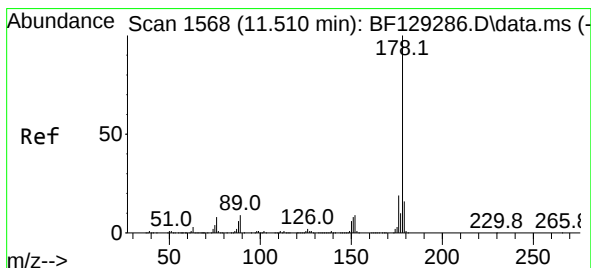
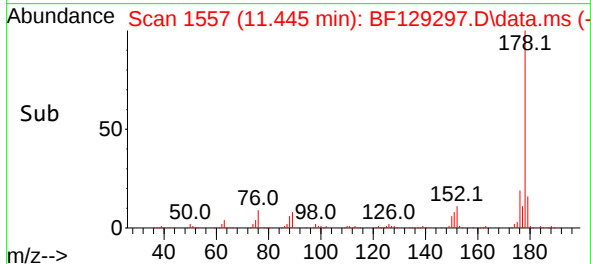
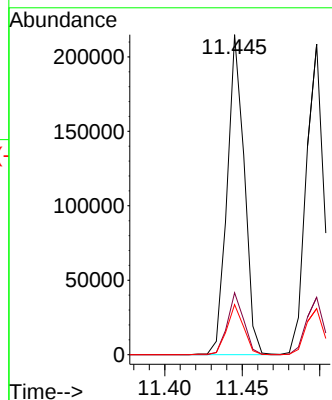
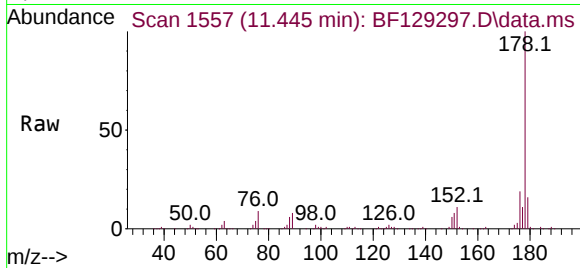




#71
Phenanthrene
Concen: 4.891 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

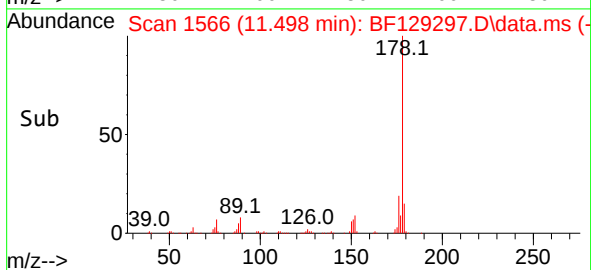
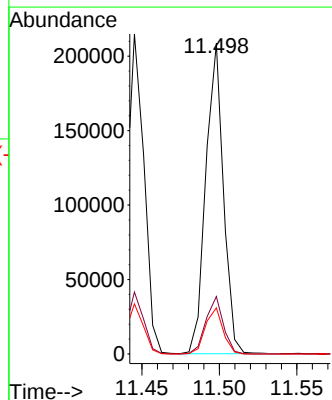
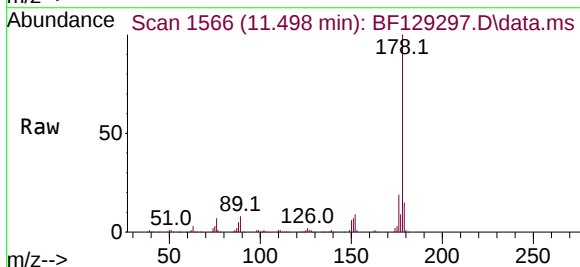
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

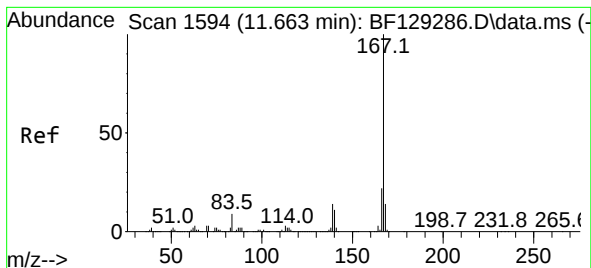
Tgt Ion:178 Resp: 165488
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 4.926 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:178 Resp: 165142
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.9 12.6 19.0





#73

Carbazole

Concen: 4.880 ng

RT: 11.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

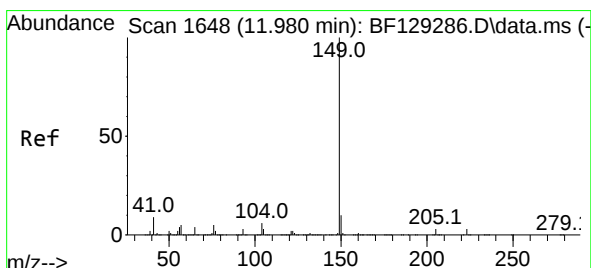
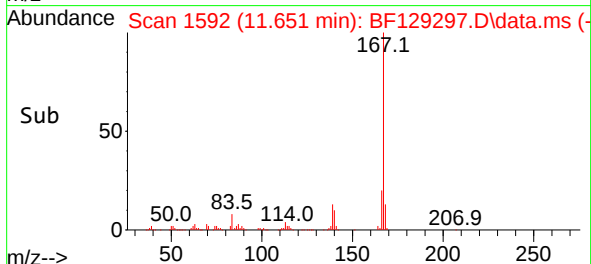
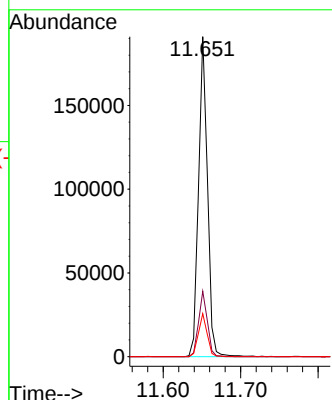
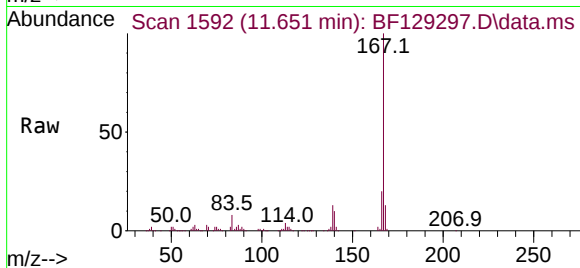
Tgt Ion:167 Resp: 152625

Ion Ratio Lower Upper

167 100

166 20.5 17.7 26.5

139 13.4 11.2 16.8



#74

Di-n-butylphthalate

Concen: 4.747 ng

RT: 11.974 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

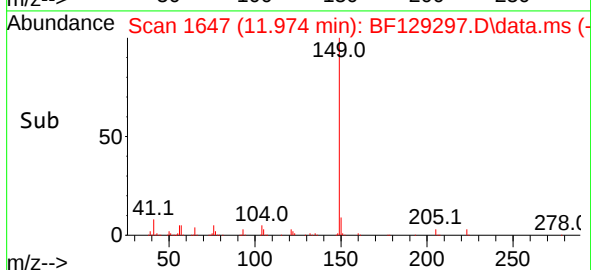
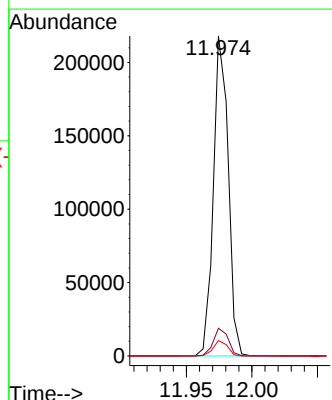
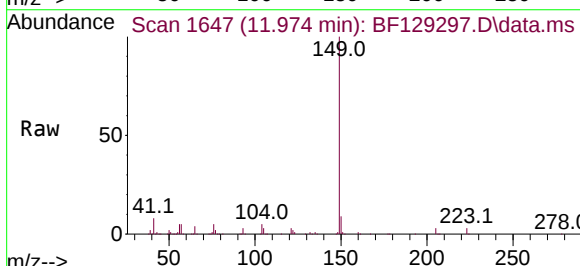
Tgt Ion:149 Resp: 171521

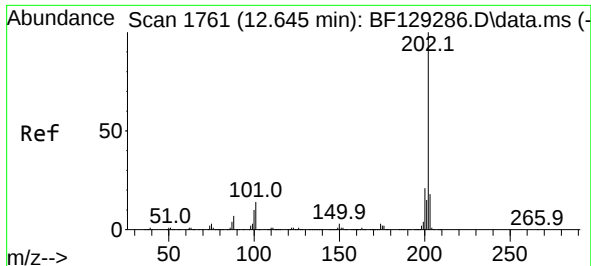
Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

104 4.8 4.4 6.6

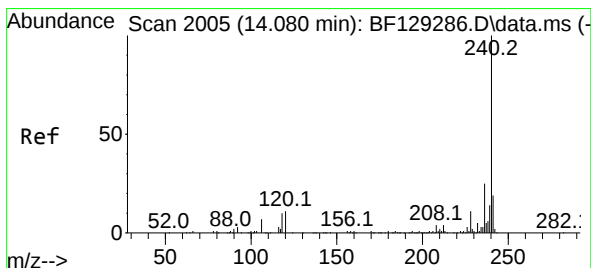
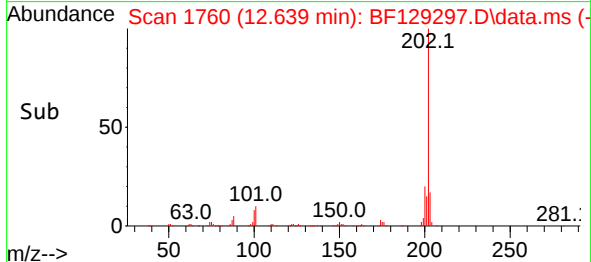
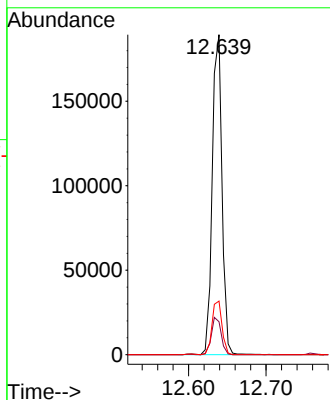
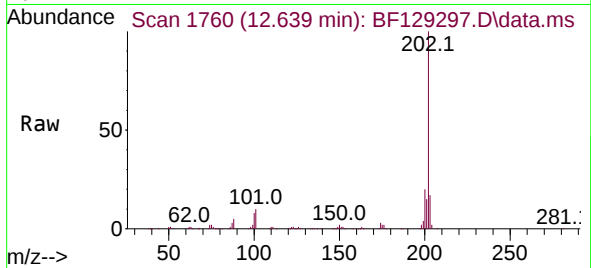




#75
Fluoranthene
Concen: 4.802 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

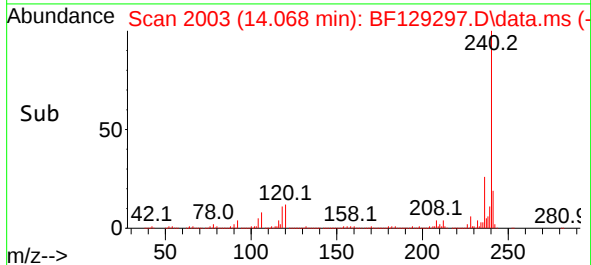
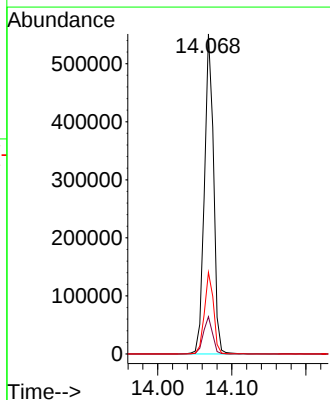
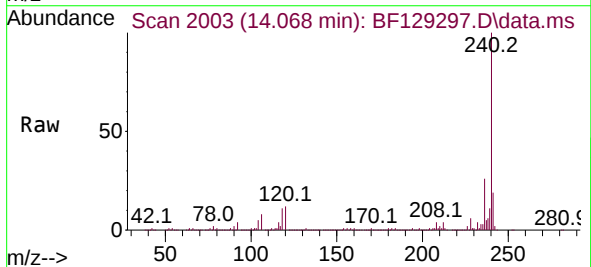
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

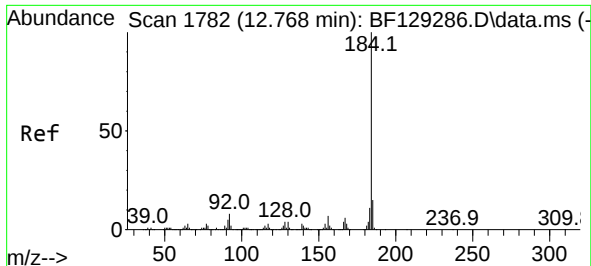
Tgt Ion:202 Resp: 165587
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 16.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:240 Resp: 475722
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.5 20.8 31.2

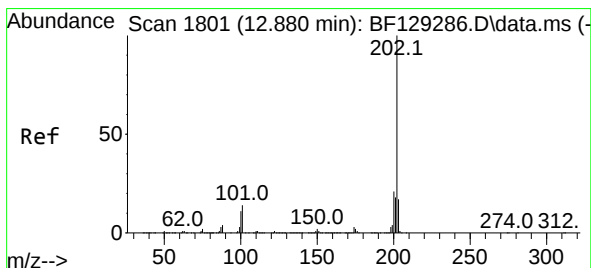
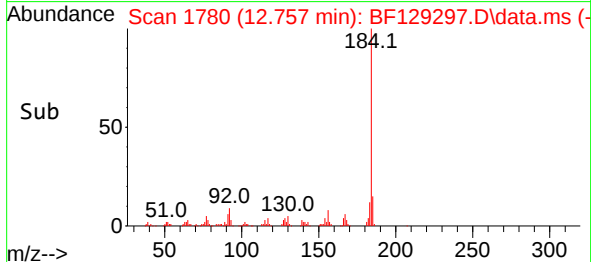
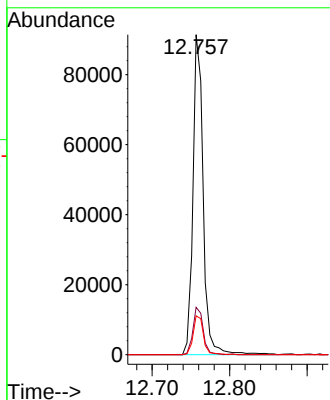
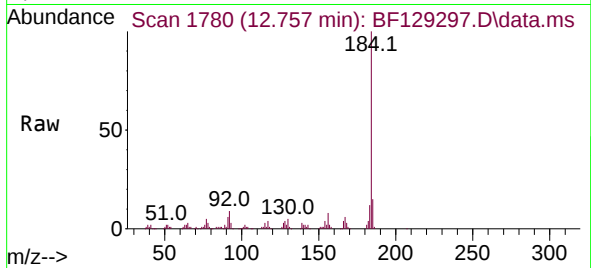




#77
Benzidine
Concen: 4.427 ng
RT: 12.757 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

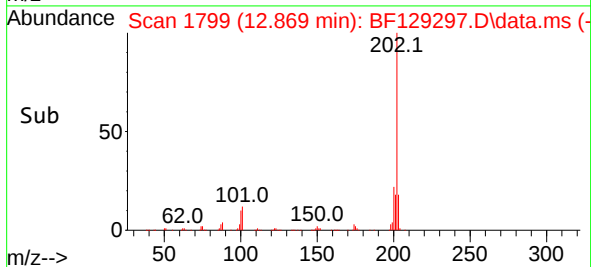
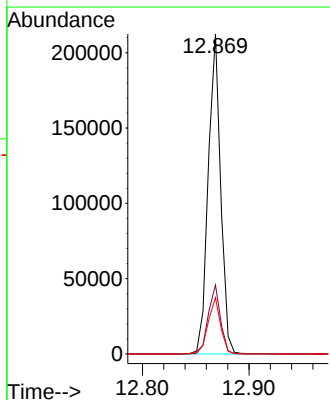
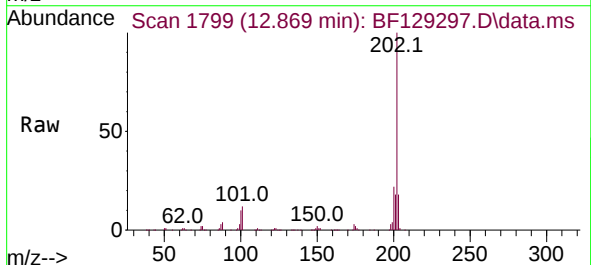
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

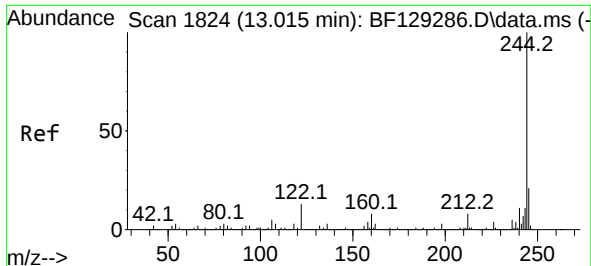
Tgt Ion:184 Resp: 83926
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 4.229 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

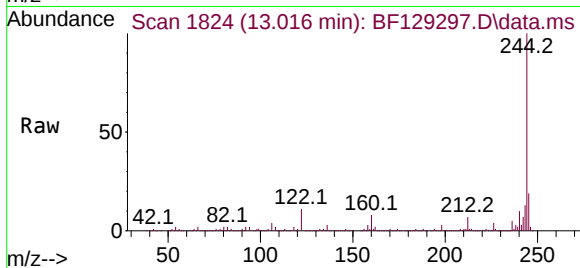
Tgt Ion:202 Resp: 172048
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.6 14.6 21.8



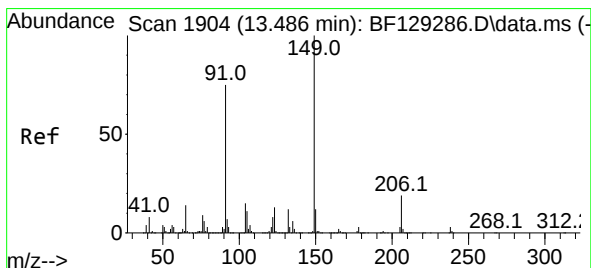
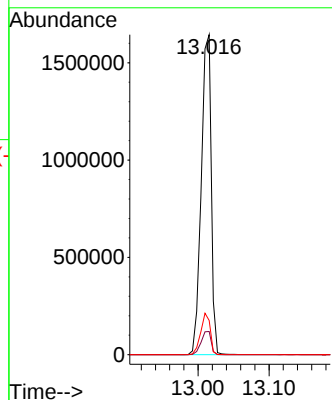
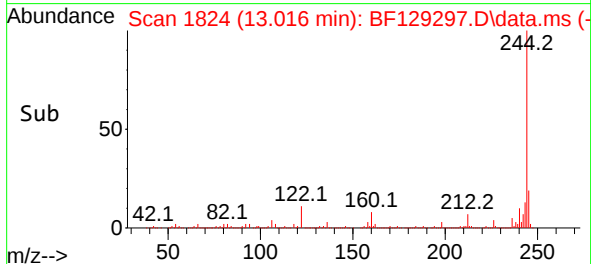


#79
 Terphenyl-d14
 Concen: 63.125 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25

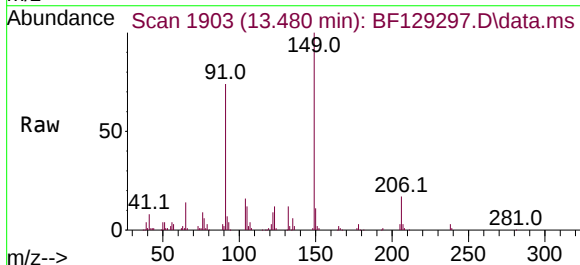
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



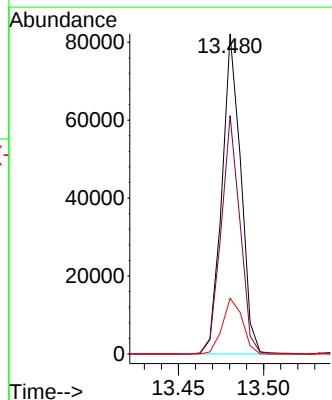
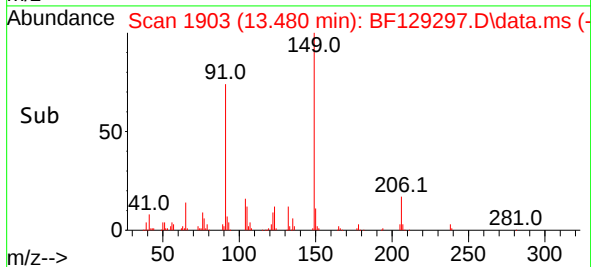
Tgt Ion:244 Resp: 1612410
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.7 8.8 13.2

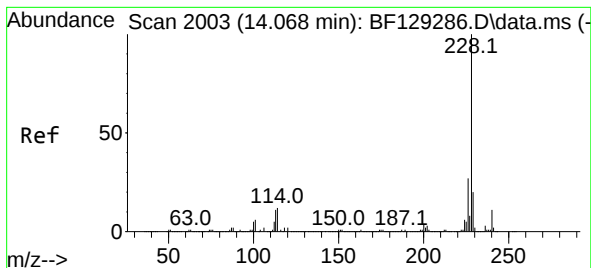


#80
 Butylbenzylphthalate
 Concen: 3.807 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129297.D
 Acq: 21 Jul 2022 15:25



Tgt Ion:149 Resp: 63210
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.2 91.8
 206 17.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 4.375 ng

RT: 14.057 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

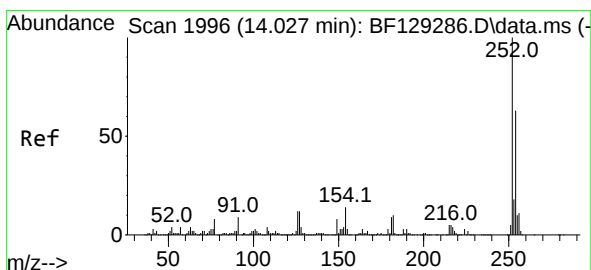
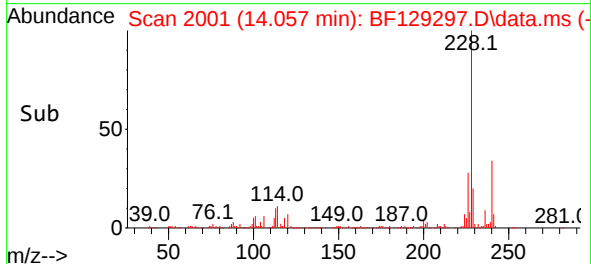
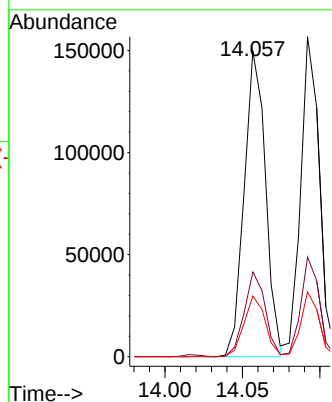
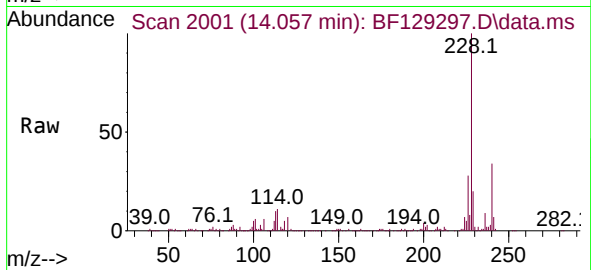
Tgt Ion:228 Resp: 143327

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 4.440 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

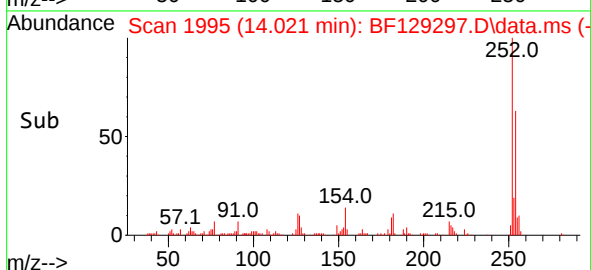
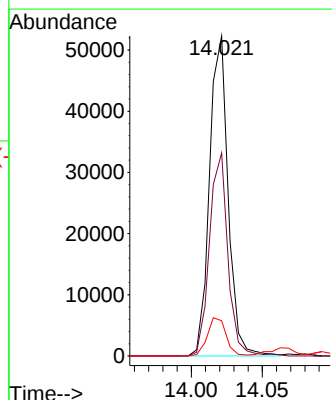
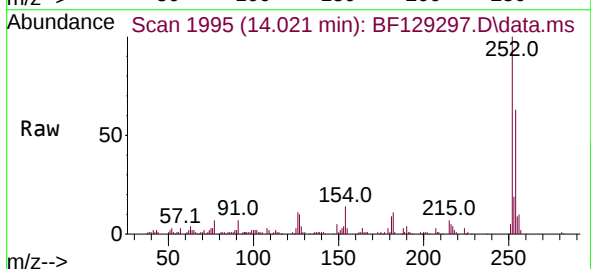
Tgt Ion:252 Resp: 47746

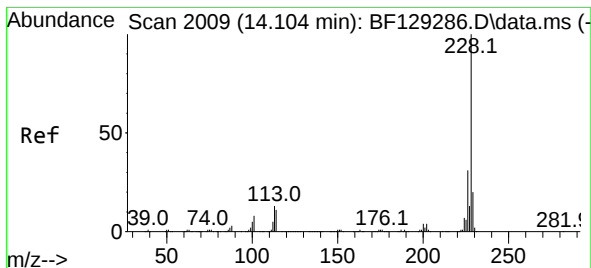
Ion Ratio Lower Upper

252 100

254 63.5 50.2 75.4

126 11.0 8.2 12.4





#83

Chrysene

Concen: 4.282 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

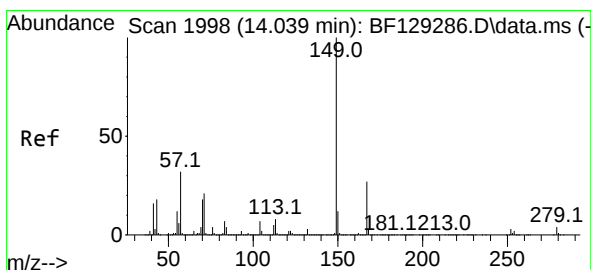
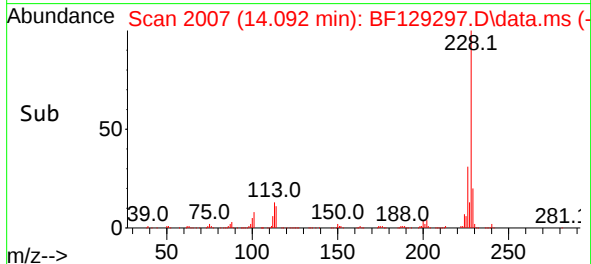
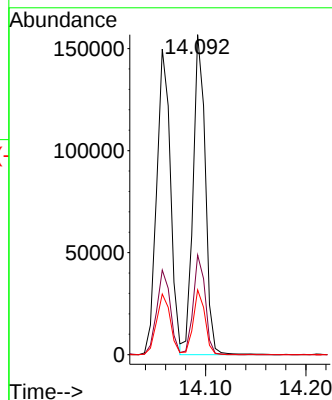
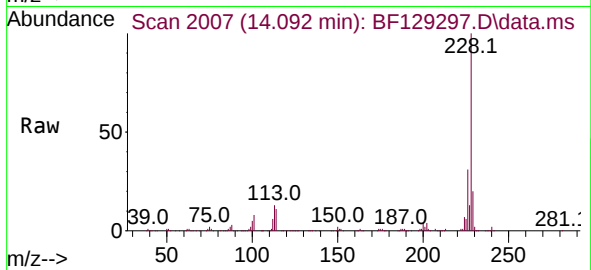
Tgt Ion:228 Resp: 132382

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.074 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

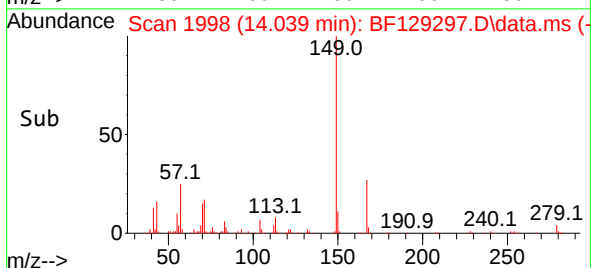
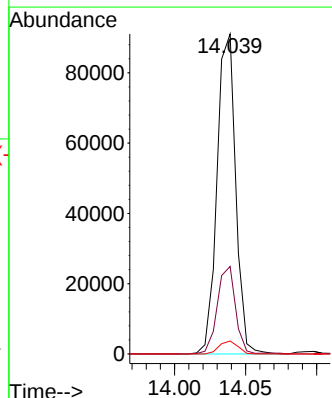
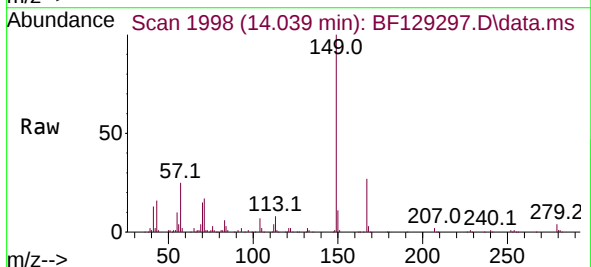
Tgt Ion:149 Resp: 83070

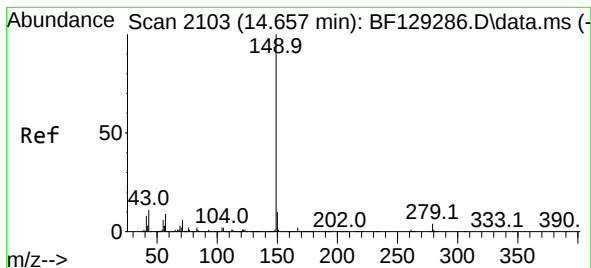
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 3.960 ng

RT: 14.651 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

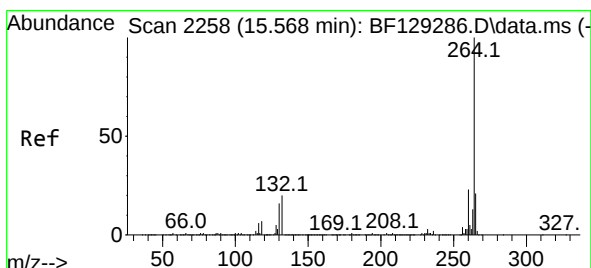
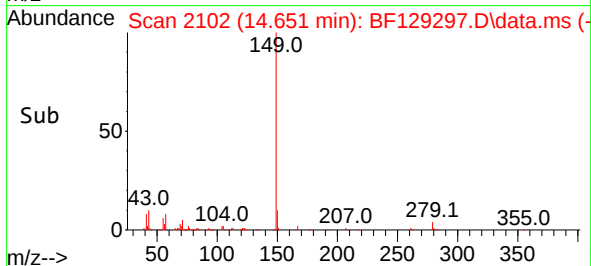
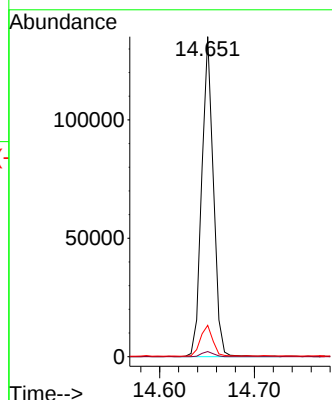
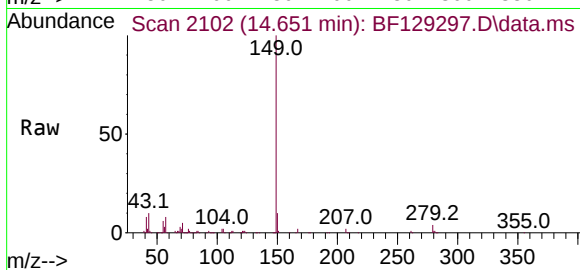
Tgt Ion:149 Resp: 115546

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

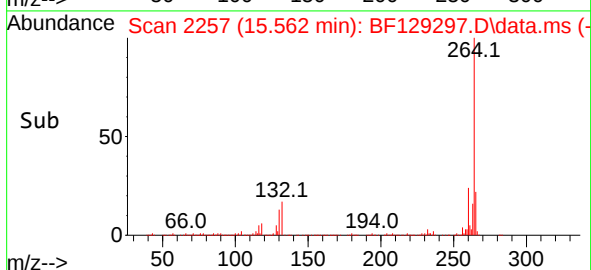
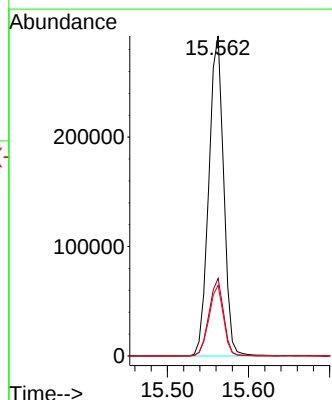
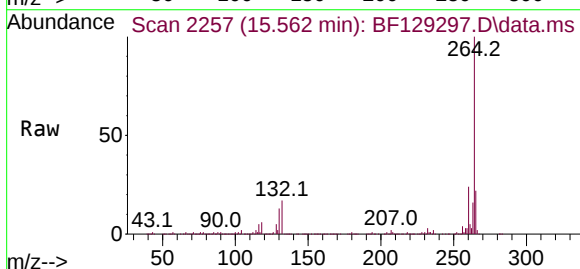
Tgt Ion:264 Resp: 370962

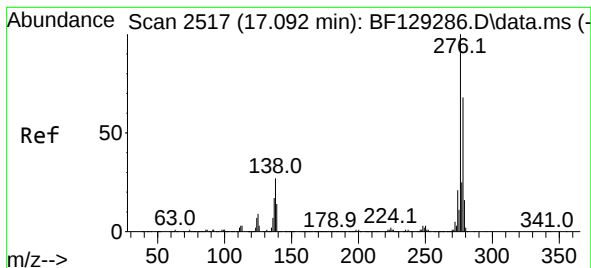
Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.586 ng

RT: 17.062 min Scan# 21184

Delta R.T. -0.029 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

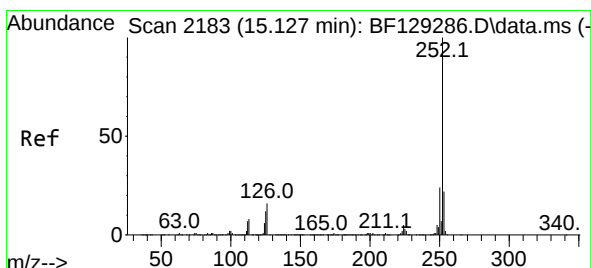
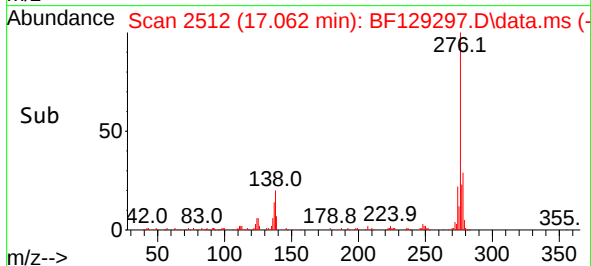
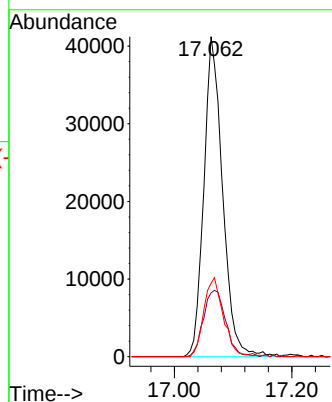
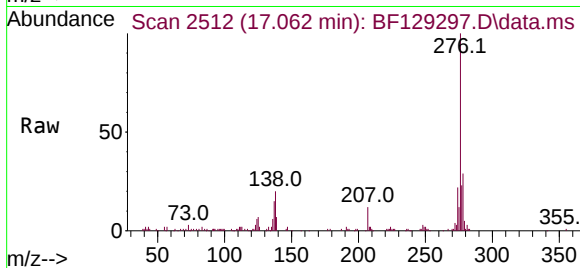
Tgt Ion:276 Resp: 91184

Ion Ratio Lower Upper

276 100

138 24.3 21.1 31.7

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 4.792 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

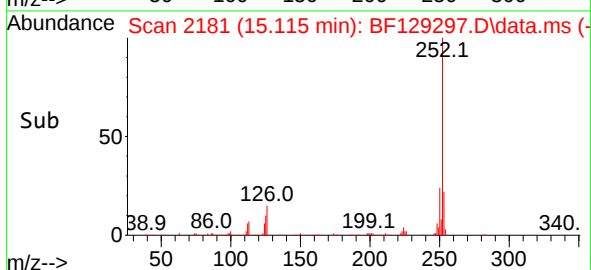
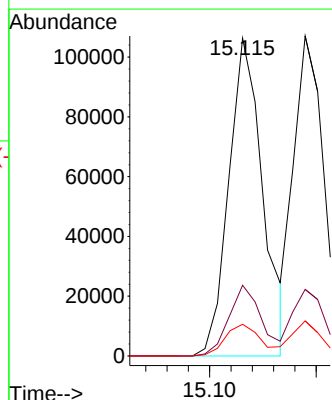
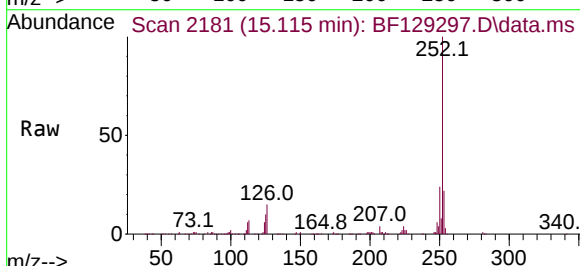
Tgt Ion:252 Resp: 118324

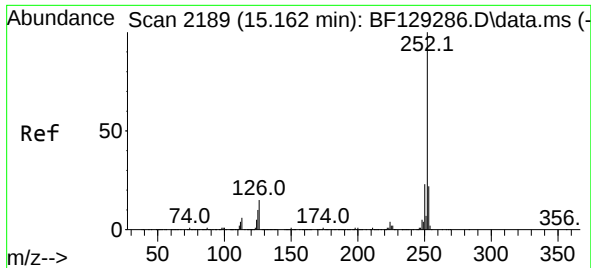
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.0 8.0 12.0

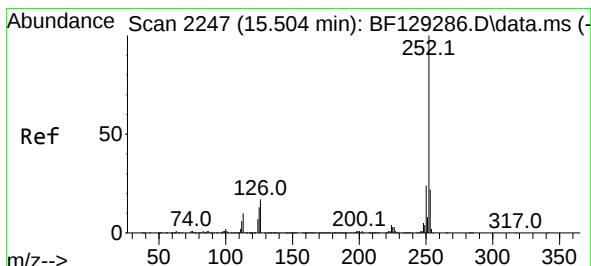
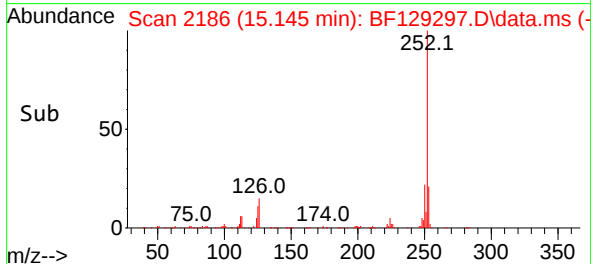
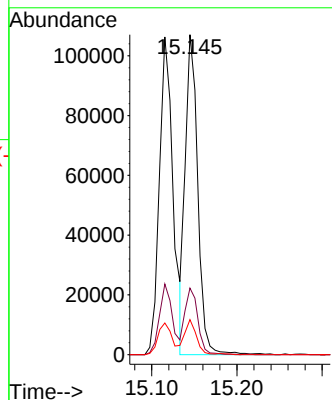
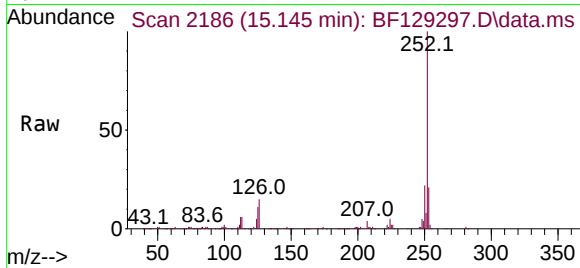




#89
Benzo(k)fluoranthene
Concen: 4.556 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.018 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

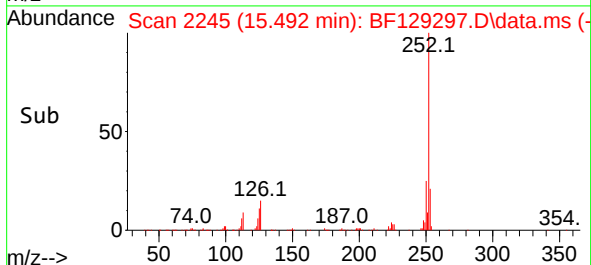
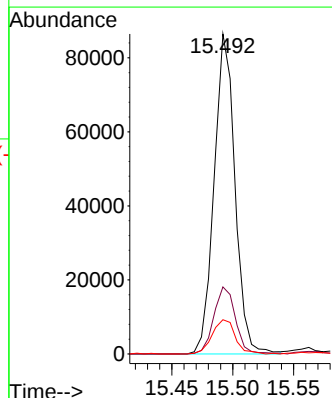
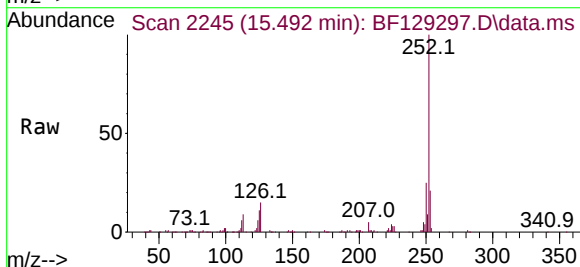
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

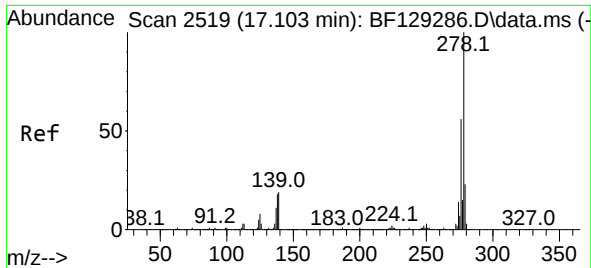
Tgt Ion:252 Resp: 109232
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 10.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 5.158 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:252 Resp: 103050
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.7 8.8 13.2

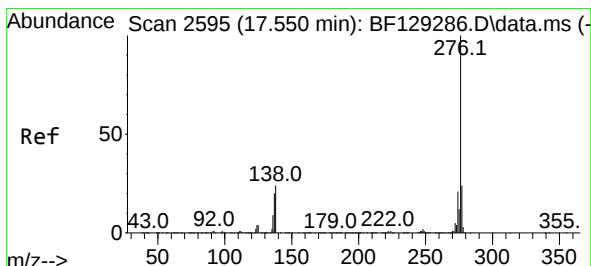
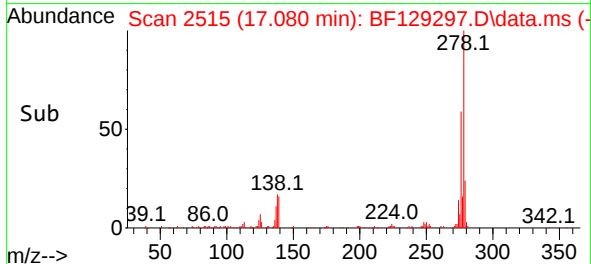
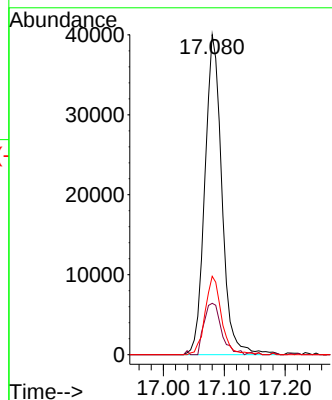
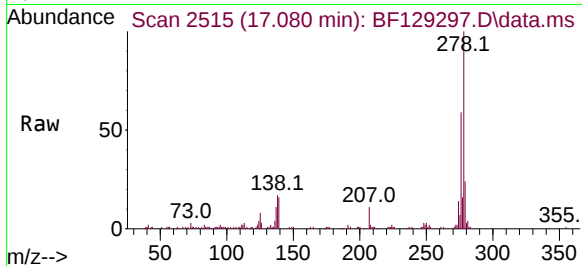




#91
Dibenzo(a,h)anthracene
Concen: 3.796 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:278 Resp: 77799
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 24.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 3.659 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129297.D
Acq: 21 Jul 2022 15:25

Tgt Ion:276 Resp: 77940
Ion Ratio Lower Upper
276 100
277 25.7 19.1 28.7
138 21.2 18.0 27.0

